MAP NO.: 105 O/1,2

ASSESSMENT REPORT X
PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 092913
MINING DISTRICT: MAYO
TYPE OF WORK: Geology, geochemistry, geophysics

**REPORT FILED UNDER:** Noranda Exploration Co. Ltd.

**DATE PERFORMED:** July 1990

**DATE FILED:** Jan 02, 1991

**LOCATION:** **LAT.:** 63° 07'N

**AREA:** Macmillan Pass

**LONG.:** 130° 32'W

**VALUE $:** 33,000.00

**CLAIM NAME & NO.:** WHO 1-66 YB 03272-337

**WORK DONE BY:** D.J. Kelsch

**WORK DONE FOR:** Noranda Exploration Company Ltd.

**DATE TO GOOD STANDING:**

**REMARKS:** MINFILE 105 O - 04
Soil geochemistry, magnetometer surveys, prospecting and trenching have outlined five felsic porphyry dykes and associated arsenopyrite-quartz veins. Values of up to 58.9 g/t gold over 1 metre in trenches have been obtained.

Indexed Feb 20/91
Summarized Feb 25/91

GEOLOGICAL & GEOCHEMICAL REPORT

on the

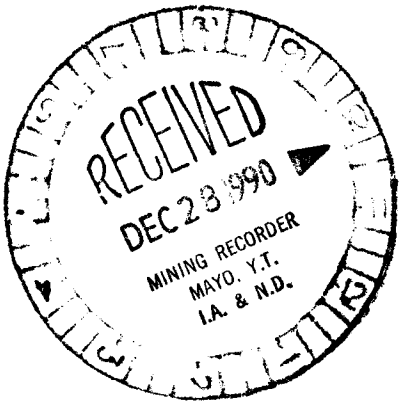
WHO 1-66 CLAIMS

Mayo Mining District

N.T.S.: 105 O/1,2

Latitude: 63 07'N

Longitude: 130 32'W







CONFIDENTIAL

092913

Owner: Noranda Exploration Co. Ltd.
(no personal liability)

D.J. Kelsch
Geologist

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 $ 3,000.00 .

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

## SUMMARY

The Putz-Bennet property consists of 66 contiguous quartz claims (Who 1-64 and 65,66 fractions) in the Hess Mountains approximately 160km northeast of Ross River, Yukon. The North Canol Road travels within 15km of the property from which point the camp is accessed by helicopter charter from Ross River.

The property was staked as a result of the 1989 reconnaissance program where anomalous grab samples of quartz arsenopyrite veining in a felsic porphyry dyke returned values up to 57.9 gmt Au.

A two stage program was undertaken in 1990 to assess the potential of the property focusing largely on the mineralized dyke.

The first stage of the program included a soil geochem survey, magnetometer survey and prospecting. A total of 1194 soil samples were taken and 47km of magnetometer survey was completed. Soil sampling revealed two anomalous zones. One zone is a yet untested Au, Bi, Sr anomaly in the north corner of the property which overlies the projected intrusive/hornfels contact.

The second stage of the program was trenching and prospecting. The majority of the trenching (22 trenches) was dug across the main porphyritic dyke. In total five mineralogically similar dykes have been revealed. The largest has been traced 1000m horizontally, 200m vertically and averages 10m wide. The gold is strongly associated with arsenopyrite in quartz veins within the dykes. Chip samples returned very highly anomalous

values (58.9gmt Au over 1m) but these are typically erratic and very wide spaced. High assays are commonly the product of arsenopyrite stringer orientation along the chip sample path.

Another target trenched was the large airphoto linear which runs through the saddle. This large scale fault returned grab samples up to .51gmt Au. However, upon trenching it was revealed to be a post mineralized structure with occasional breccia fragments of porphyritic dyke material anomalous in gold.

TABLE OF CONTENTS


| | | Page |
|---|---|---|
| Title Page | | |
| Summary | | |
| Table of Contents | | |
| List of Tables | | |
| List of Appendices | | |
| List of Figures | | |
| CHAPTER ONE : | INTRODUCTION | |
| 1-1 : | Introductory Statement | 6 |
| 1-2 : | Location & Access | 6 |
| 1-3 : | Physiography & Vegetation | 9 |
| 1-4 : | History of Claims | 10 |
| 1-5 : | Previous Exploration | 10 |
| 1-6 : | Work Program | 11 |
| CHAPTER TWO : | GEOLOGY | |
| 2-1 : | Regional Geology | 13 |
| 2-2 : | Property Geology | 13 |
| CHAPTER THREE: | GEOCHEMISTRY | |
| 3-1 : | Soil Geochemistry | 18 |
| 3-2 : | Rock Geochemistry | 19 |
| CHAPTER FOUR : | GEOPHYSICS | 21 |
| CHAPTER FIVE : | TRENCHING | 22 |
| CHAPTER SIX : | MINERALIZATION | 25 |
| CHAPTER SEVEN: | CONCLUSIONS & RECOMMENDATIONS | 29 |
| References | | 31 |
| Statement of Costs | | 32 |
| Statement of Qualifications | | 33 |

## LIST OF TABLES


| | | Page |
|---|---|---|
| Table I: | Soil Statistics | 19 |
| Table II: | Trenching Statistics | 24 |
| Table III: | Porphyry Dyke Statistics | 27 |


## LIST OF APPENDICES


| | | |
|---|---|---|
| Appendix I: | Soil Sample Geochemical Results | 34 |
| Appendix II: | Rock Sample Descriptions & Geochemical Results | 91 |
| Appendix III: | Detailed Geophysical Report | 179 |
| Appendix IV: | Trench Maps | 182 |


## LIST OF FIGURES


| | | | |
|---|---|---|---|
| Fig. 1: | Location Map | 1:6,000,000 | 7 |
| Fig. 2: | Claim Map | 1:50,000 | 8 |
| Fig. 3: | Regional Geology | 1:125,000 | 17 |
| Fig. 4: | Grid Map & Property Boundary | 1:10,000 | in pocket |
| Fig. 5: | Geology & Rock Location Map | 1:10,000 | " |
| Fig. 6: | Geology & Trench Location Map | 1:1,500 | " |
| Fig. 7: | Geochemical Survey Au | 1:10,000 | " |
| Fig. 8: | Geochemical Survey As | 1:10,000 | " |
| Fig. 9: | Geochemical Survey Sb | 1:10,000 | " |
| Fig. 10: | Geochemical Survey Bi | 1:10,000 | " |
| Fig. 11: | Geochemical Survey Sr | 1:10,000 | " |
| Fig. 12: | Magnetometer Survey | 1:10,000 | " |

# CHAPTER ONE: INTRODUCTION

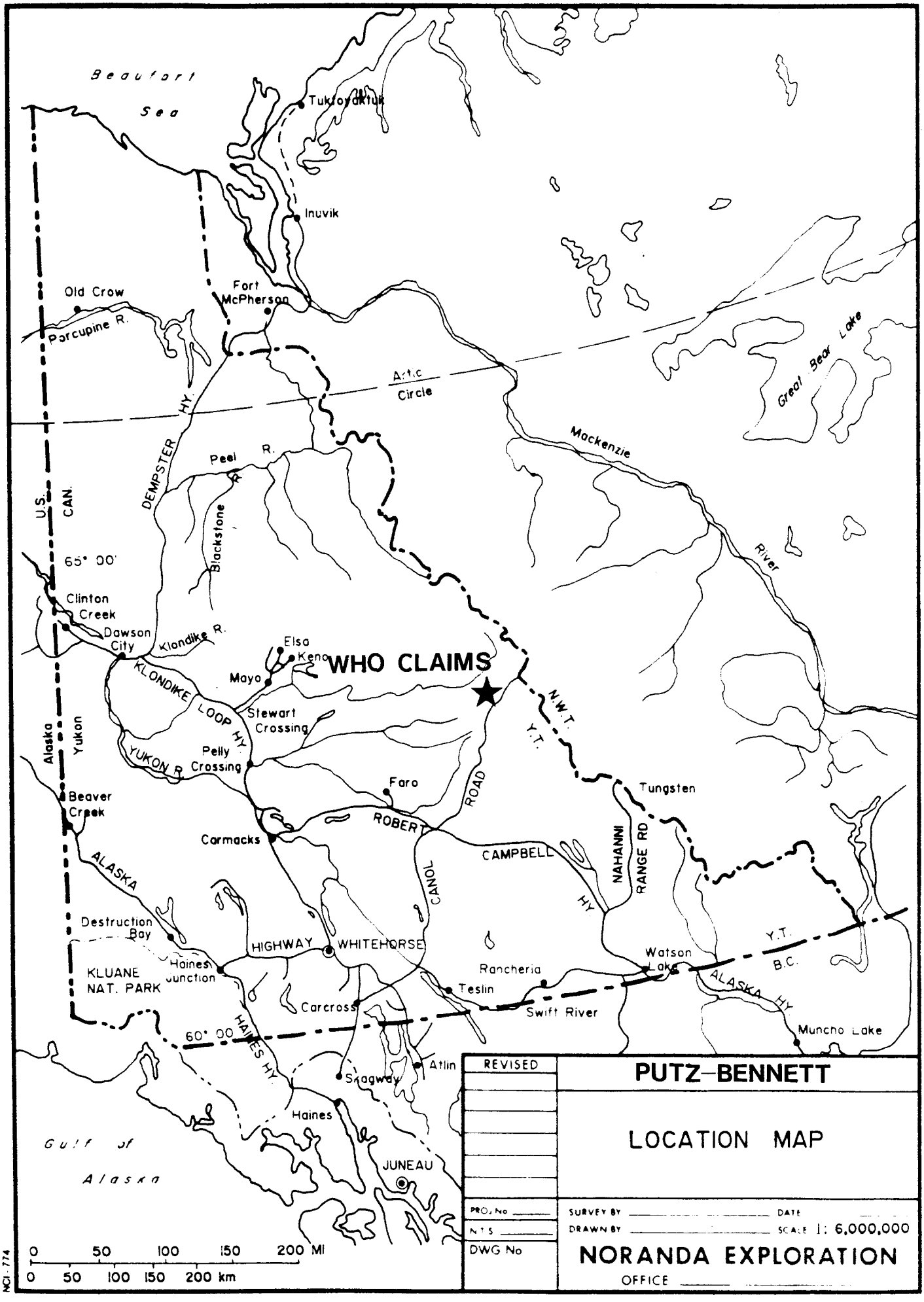
## 1-1: Introductory Statement

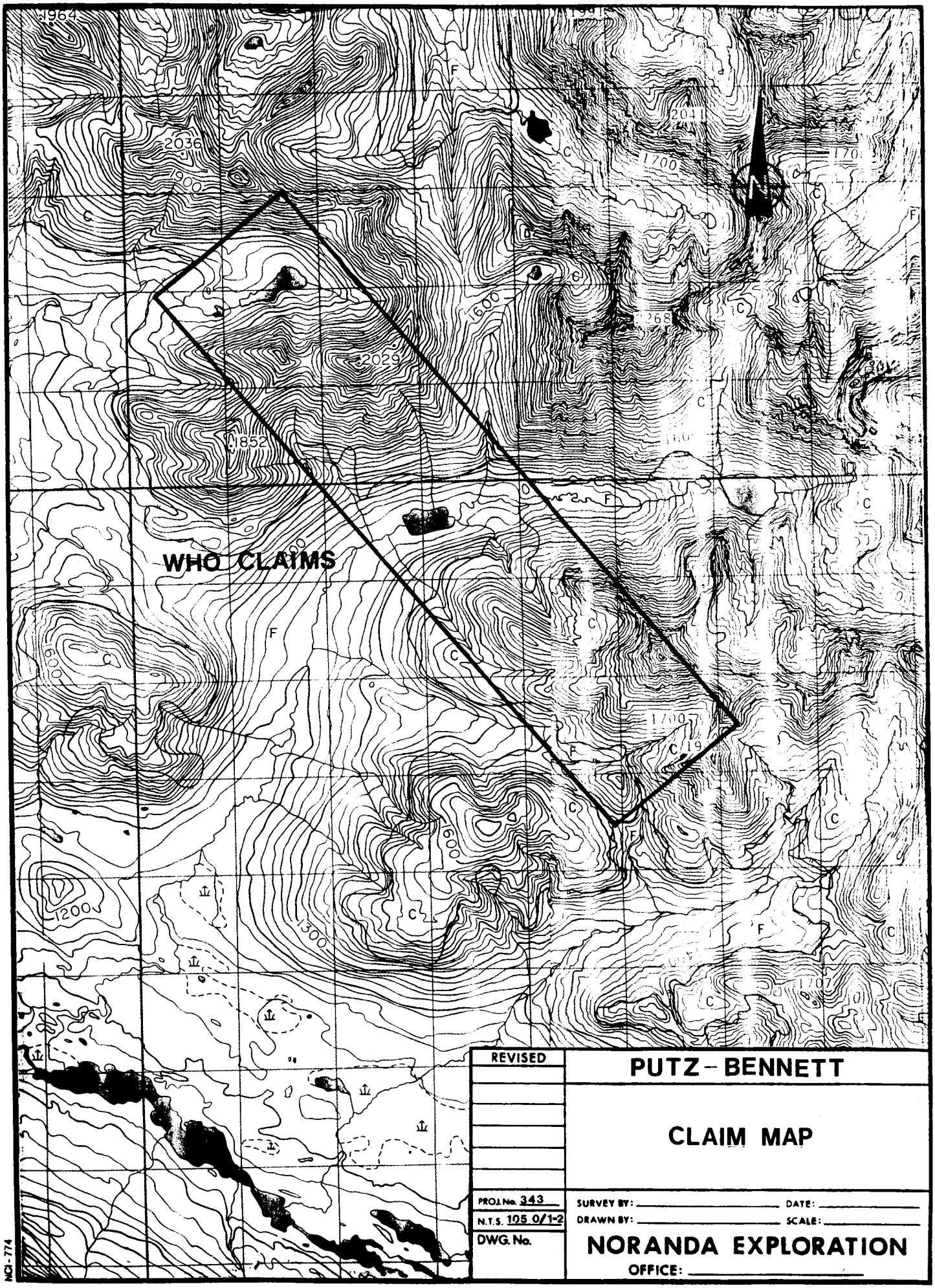
The Who 1-64 (YB03272-335) and Who 65-66 fractions (YB03336 and YB03337) are located approximately 160km northeast of Ross River, Yukon Territory. The property, known as Putz-Bennett, was staked in 1989 to cover a previously known gold-silver showing. It is 100% owned by Noranda Explorations Company Limited and all work completed on the property (geological, geochemical and geophysical surveys) was conducted by or under the guidance of Noranda personnel.

## 1-2: Location & Access

The Who 1-66 claim group is located in the east central Yukon, approximately 160km northeast of Ross River, Yukon Territory, in the Hess Mountains. The property is centred at Latitude 63 07'N, Longitude 130 32'W on the N.T.S. 105 O/1 and 105 O/2 mapsheets. Access to the property is currently by a 15km helicopter flight from the Jeff Creek pullout 167km north of Ross River on the North Canol Road. Ferry time from the helicopter base at Ross River to Jeff Creek is 50 minutes.

Access to the north end of the property by road would require a 15km extension of an existing exploration road to the north. Access to the centre of the property wold require a further extension of 6km, most of which would be off the current claim boundaries.


Beaufort Sea
Tuktoyaktuk
Inuvik
Old Crow
Porcupine R.
Fort McPherson
Arctic Circle
Great Bear Lake
DEMPSTER HY.
Peel R.
Mackenzie River
U.S.
CAN.
65° 00'
Blackstone
Clinton Creek
Dawson City
Klondike R.
Elsa
Keno
WHO CLAIMS
Mayo
KLONDIKE LOOP HY
Stewart Crossing
Pelly Crossing
YUKON R.
Alaska
Yukon
Beaver Creek
Faro
ROBERT CAMPBELL HY
ROAD
N.W.T.
Y.T.
Tungsten
NAHANNI RANGE RD
Carmacks
ALASKA HIGHWAY
CANOL
Destruction Bay
KLUANE NAT. PARK
Haines Junction
WHITEHORSE
Rancheria
Teslin
Watson Lake
Y.T.
B.C.
ALASKA HY
Carcross
Swift River
Muncho Lake
60° 00
HAINES HY
Skagway
Atlin
Haines
Gulf of Alaska
JUNEAU
0 50 100 150 200 MI
0 50 100 150 200 km
REVISED
PROJ No
N.T.S.
DWG No
PUTZ–BENNETT
LOCATION MAP
SURVEY BY
DATE
DRAWN BY
SCALE 1: 6,000,000
NORANDA EXPLORATION
OFFICE
NCI-774




| REVISED | PUTZ – BENNETT |
|---|---|
| | CLAIM MAP |
| PROJ No. 343 | SURVEY BY: _____ DATE: _____ |
| N.T.S. 105 O/1-2 | DRAWN BY: _____ SCALE: _____ |
| DWG. No. | NORANDA EXPLORATION |
| | OFFICE: _____ |

NQI - 774

## 1-3: Physiography & Vegetation

The claims lie in the MacMillan Pass area of the Selwyn Mountains. Elevations range from 1220m to 2105m. The property covers two mountain peaks (2029m and 2105m) and two lakes in the valley bottoms.

Topography on the property is steep. South facing slopes consist of unstable scree with a limited amount of outcrop exposures except where resistive units are found. The north facing slopes are typically vertical to near vertical cliffs with thick talus curtains at the base. Travel on these north faces is very restricted.

The central and north area of the property each contain a glacially scoured "U" shaped valley with fairly flat till covered bottoms and a lake in each. The lake at the north end of the property is 700m long with a well defined southern talus shore and northern glacial till shore. The lake in the centre of the property is 500m long, contains a variety of fish and has a poorly developed, swampy, east and west shore lines. The water may carry Giardia in both lakes.

The central valley contains a sub-alpine forest of mainly evergreens with lesser amounts of deciduous brush. Other than a small zone in the south and northwest corners of the claim block this is the only area of wooded vegetation on the property. Grass and moss can be found in the northern valley floor and throughout the southern half of the property up to an elevation of about 1700m.

Both the north and central valleys have abundant running water. Running water can be found as high as 1800m in the north half of the property and 1600m in the south.

## 1-4: History of the Claims

The property consists of 66 contiguous mineral claims located in the Mayo Mining District, Yukon Territory.

| CLAIM NAME | RECORD NUMBER | DATE RECORDED |
|---|---|---|
| Who 1-64 | YB03272-335 | Oct. 2, 1989 |
| Who 65-66 FR. | YB03336-337 | Oct. 2, 1989 |

These claims were staked by Gordon Clark and Associates at the request of Noranda Exploration Company Limited (npl). They were staked on September 28, 1989, recorded on October 2, 1989, and subsequently transferred to Noranda Exploration Company Limited (npl) the sole owner of the property. Upon acceptance of this report the claims shall remain in good standing until October 2, 1995.

## 1-5: Previous Exploration

The Tom deposit at MacMillan Pass was the first major discovery in the area of the Who claims. This base metal deposit is located approximately 20km to the east. Between 1951 and 1970, 7 million tons grading 8% lead, 8% zinc and 83 grams per ton silver were outlined by Hudson Bay Exploration and Development Co. Ltd..

Cominco currently holds the Nidd property 10km to the north of the Who claims. The Nidd, originally staked in 1976, is a barite, zinc rich exhalative deposit with minor lead and silver.

Between 1979 and 1984 a total of 5567m has been drilled in 18 holes. The best reported intercept is 6.3% Zn, 2.5% Pb, 27.4 g/t Ag and 119 ppm Cu over 2m. No gold values have been reported.

The Who claims were originally staked as the Alp in 1969 as a joint venture between Can. Ind. G. and Ol., Can. Southern Pet. L., Sabre Pet. L., Mesa. Pet. Cl., and Wainco O. and Chemicals L., which performed mapping and sampling in 1970. Assays returned values up to 4.11 gmt Au over an unknown interval.

In 1982 the area was restaked as the Ross Claims by Hudson Bay Mining and Smelting Co. Ltd., which performed mapping, geochem sampling and hand trenching. Assays as high as 13.7 gmt Au were reported.

In 1989, Noranda Exploration Co. Ltd. carried out a reconnaissance program in the area focusing on pre-existing showings.

Noranda spent a total of 6 person days on the Alp showing and associated mineralization. Three contour soil traverses were completed with a total of 80 geochem samples and 29 rock samples collected. Several anomalous values were returned, the highest being 57.9 gmt Au. In late September, 1989, Gordon Clark and Associates were contracted by Noranda Exploration Co. Ltd. to stake the Who 1-66 claims covering all anomalous rock and soil values found in the reconnaissance program.

1-6: Work Program

The 1990 program consisted of two stages. A preliminary soil, geophysics and prospecting stage and a follow-up trenching

and prospecting stage.

A total of 123 person days were spent on the property. A flagged grid was established with a slope corrected, picketed baseline. A total of 1194 soil geochem samples and 157 rock samples were taken on the property. A total 47km of magnetometer survey was also completed on the grid. Trenching was carried out with a Kubota KH5 excavator. Twenty-three trenches totalling 261 metres were completed. A 1040m excavator access trail was constructed to facilitate moves between trenching locations. In total 210 chip samples were taken.

Personnel involved in the 1990 program included:

| | | |
|---|---|---|
| David Kelsch | Geologist | Whitehorse, Yukon |
| Daniele Heon | Geologist | Renfrew, Quebec |
| Gernot Wober | Geologist | Vancouver, B.C. |
| Bill Burton | Assistant | " " |
| Eeric Lilles | Assistant | Whitehorse, Yukon |
| Natalie Hachey | Assistant | St. Bruno, Quebec |

CONTRACTORS

| | |
|---|---|
| Alta Engineering (Kubota) | Vancouver, B.C. |
| Trans North Helicopters | Whitehorse, Yukon |
| Amerok Geophysics | " " |
| Northern Analytical Laboratories | " " |
| Ross River Service Centre (Expediting) | Ross River, Yukon |

# CHAPTER TWO: GEOLOGY

## 2-1: Regional Geology

The property area has been mapped by the Department of Indian Affairs and Northern Development and information has been published in Open File, June 1983; Geology of MacMillan Fold Belt, Grant Abbott, N.T.S. 105 O/2 & O/1.

The Who 1-66 claims lie within the Selwyn Basin near the western margin of the early PreCambrian Mackenzie Platform.

The area consist of shale, chert, arenite and conglomerates of the Devono-Mississippian Earn Group. Several intrusive plugs up to 10km in diameter are found intruding the Earn Group as well as the surrounding Road River group. The intrusives are Cretaceous, medium grained quartz monzonites and granodiorites.

Approximately 15km to the east are the stratiform Pb-Zn-Ag deposits of the Tom and Jason Properties. The Jason deposit consists of 14.1 million tonnes grading 7.09% Pb, 6.57% Zn and 79.9 g/t Ag. The Tom deposit consists of two zones. The East Zone is 7.5% Zn, 6.4% Pb and 74.8 g/t Ag. The West Zone is approximately 10.0 million tonnes of 4.6% Zn and less that 1% Pb with no reported silver.

## 2-2: Property Geology

The property overlies the south western contact of a Cretaceous intrusive and the black shales of the Devono-Mississippian Earn Group in the Selwyn Basin.

The majority of the outcrop is exposed on the north facing cliffs and ridge tops. South slopes are typically marked by a

thick blanket of talus except along the northern margin of the property where precipitous cliffs of intrusive rock prevail.

Reconnaissance level mapping has identified three major units on the property. From northeast to southwest they are, Cretaceous medium grained granodiorite, purple hornfels and the Devono-Mississispian Earn Group black shales.

The 10km wide intrusive hosts no known economic mineralization to date. The mineralized porphyritic dykes that occur 1km to the south of the intrusive/hornfels contact may be related to the intrusive. The intrusive forms a sharp, distinct contact with hornfels.

The purple to buff hornfels zone is 200 to 1000m wide. It trends northwest-southeast and traverses the entire length of the property. It is anomalous in arsenic and in most locations throughout the property, fine disseminations of arsenopyrite can be found in hand specimen. There is no known gold relationship with the hornfels zone, except for the occasional sulfide pod up to .5m in diameter which have returned values as high as 3.4 gmt Au.

In contact with the hornfels zone to the southwest is the Earn Group black shales. The shales grade northeast to southwest from slate to a fissile well bedded shale. The contact of these slates and shales with the hornfels is a large fault structure 100m wide. It strikes approximately 140 degrees, dipping 45 degrees to the southwest. The fault runs the entire length of the property and probably represents a southwestern down dropped

block. The fault postdates known gold mineralization in the northwestern portion of the property.

Gold mineralization in the northwest section of the property is found in felsic quartz eye porphyritic dykes containing arsenopyrite rich quartz ladder veins. There are five dykes discovered to date, the largest being 1000m long and 10m wide. All five have similar orientations, striking 115-120 degrees and dipping 80 degrees to the south.

LEGEND

QUARTERNARY

| | |
|---|---|
| 6 | glacial drift, alluvium |

CRETACEOUS

| | |
|---|---|
| 5 | quartz monzonite and granite |

CARBONIFEROUS AND PERMIAN

| | |
|---|---|
| 4 | argillite, minor siltstone |

MISSISSIPPIAN

| | |
|---|---|
| 3 | quartzite with interbeds of shale, argillite and sandstone |

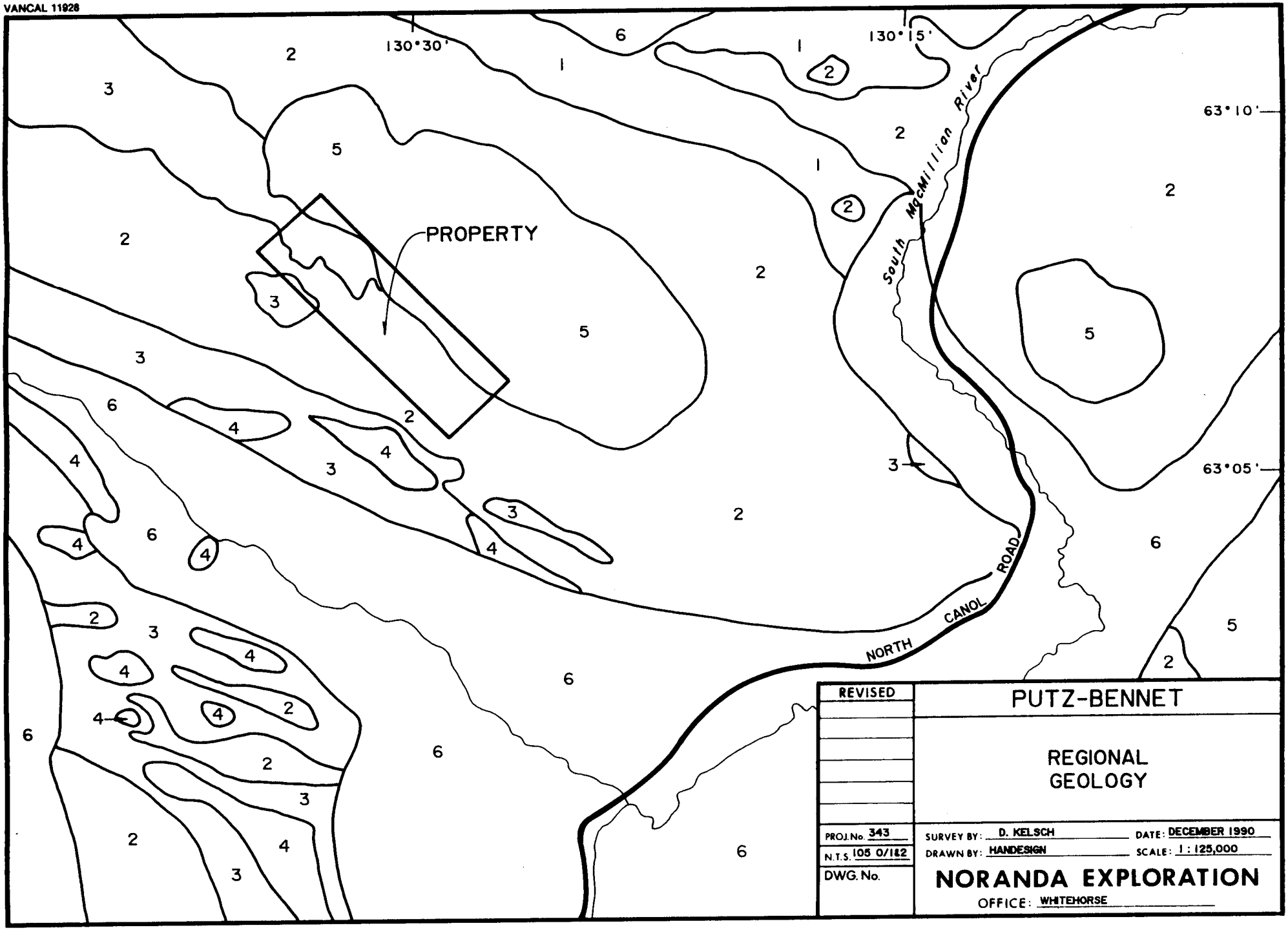
DEVONIAN AND MISSISSIPPIAN

| | |
|---|---|
| 2 | shale, black chert and minor argillite |

ORDOVICIAN AND SILURIAN

| | |
|---|---|
| 1 | shale |

VANCAL 11928




| REVISED | PUTZ-BENNET |
|---|---|
| | REGIONAL GEOLOGY |
| PROJ. No. 343 | SURVEY BY: D. KELSCH DATE: DECEMBER 1990 |
| N.T.S. 105 O/16 | DRAWN BY: HANDESIGN SCALE: 1 : 125,000 |
| DWG. No. | NORANDA EXPLORATION |
| | OFFICE: WHITEHORSE |

# CHAPTER THREE: GEOCHEMISTRY

## 3-1: Soil Geochemistry

A slope corrected picketed baseline was established on the property with 200m line spacing. Sample intervals were 50m along flagged lines.

Samples in the northern valley floor and along the more gentler areas of the southern half of the property were taken from the `B' horizon. Samples taken in the valley that runs east-west through the centre of the property were often a combination of "A" and "B" horizons due to the swampy nature of the lower sections of the valley. Geochemical samples at higher elevations on the property often consisted of talus fines or transported soil. The steep nature of the terrain combined with thick mobile talus cover prevented many of the lines from being completed. No well defined soil profile exists at the higher elevations on the property.

During the 1990 work program a total of 1238 soil samples were taken on the property. Sixty five samples were taken on three separate contour traverses and 1173 were taken on grid lines.

The samples were placed in gusseted Kraft wet strength sample bags and shipped to the Noranda Lab in Vancouver for preparation and analysis. Analysis was done with a 30 element ICP package. Gold and mercury were determined by atomic absorption.

The survey outlined a zone anomalous in As, Cu and Sb. The zone is 7 km long and runs the entire length of the property. The anomaly overlies the hornfels zone which is rich in disseminated arsenopyrite but has no gold values. Another zone in the north corner of the property also returned anomalous soil results. This zone is anomalous in Au $\leq$150ppb, Sr $\leq$339ppm and Bi $\leq$27ppm.

TABLE I

GRID SOILS STATISTICS

| | Cu | Ag | As | Sr | Cd | Sb | Bi | Au |
|---|---|---|---|---|---|---|---|---|
| # samples | 1103 | 1103 | 1103 | 1103 | 1103 | 1103 | 1103 | 1103 |
| High | 453 | 9.9 | 5373 | 628 | 17.7 | 101 | 38 | 210 |
| Low | 1 | 0.1 | 2 | 3 | 0.2 | 2 | 2 | 1 |
| Stnd Dev. | 48.5 | 0.8 | 515.8 | 49.7 | 0.7 | 9.3 | 2.9 | 13.0 |
| Distribution (# of values within) | | | | | | | | |
| Avg.+0-0.5 S.D. | 431 | 949 | 611 | 576 | 530 | 957 | 894 | 1004 |
| 0.5-1 S.D. | 482 | 75 | 372 | 413 | 495 | 72 | 121 | 42 |
| 1-2 S.D. | 144 | 36 | 73 | 64 | 61 | 37 | 49 | 30 |
| 2-3 S.D. | 27 | 13 | 23 | 23 | 9 | 19 | 14 | 12 |
| >3 S.D. | 19 | 30 | 24 | 27 | 8 | 18 | 25 | 14 |
| Simple Avg. | 53.2 | 0.5 | 306.4 | 37.2 | 0.6 | 5.8 | 3.4 | 7.7 |
| Reduced Avg. | 49.5 | 0.4 | 251.3 | 31.6 | 0.6 | 4.9 | 3.1 | 6.5 |

3-2: Rock Geochemistry

A total of 255 rock samples of both outcrop and float were collected on the property. The samples were analysed for gold by

either Northern Analytical Labs in Whitehorse or the Noranda Lab in Vancouver. All samples were processed by the Noranda Vancouver Lab using their 30 element ICP package. Mercury was determined by Atomic Absorption.

Samples highly anomalous in gold were taken from a porphyritic intrusive dyke. One sample from 1989 returned a value of 57.9gmt Au. Another grab sample (taken in 1990) 700m along strike on the same dyke assayed 61.65gmt Au.

Follow up chip sampling resulted in samples assaying as high as 58.9gmt Au over 1m. The follow-up sampling determined that the gold is strongly associated with arsenopyrite veinlets within larger quartz ladder veins in the porphyritic intrusive. The 58.9gmt Au chip sample over 1m was the result of a down strike chip sample of one of the arsenopyrite veinlets.

## CHAPTER FOUR: GEOPHYSICS

During August a magnetometer survey was completed on the property. The survey was carried out under contract by Amerok Geophysics Ltd.. The magnetometers employed on the survey were EDA Omni 4 units consisting of two field magnetometers and one recording base station magnetometer. The total field readings were recorded at 12.5 metre intervals on lines that were nominally 200 metres apart. A total of 47 km of survey were completed.

Several magnetic terrains were identified. The most prominent is the magnetic high which extends off the grid to the northwest. Prospecting in the area prior to the magnetometer survey revealed no apparent mineralization in either outcrop or float to explain this anomaly.

A detailed geophysical report can be found in Appendix III.

## CHAPTER FIVE: TRENCHING

The purpose of the trenching program was to reveal the economic potential of the higher grade grab samples discovered in 1989 and earlier in the 1990 program. A Kubota KH5 and operator were contracted through Alta Engineering. The excavator was slung into the property in four modular pieces and assembled on site. A total of 27 days were spent trenching. This included assembly and disassembly of the excavator.

Mobility of the excavator around the property was difficult and often time consuming. Due to the unreliability of the weather and the long ferry time from the helicopter base, construction of a ground trail from site to site was chosen as the best means for mobility. The majority of the moves were across steep talus slopes which often were at or very near the angle of repose. In total 1040 metres of continuous trail were constructed, all of which could be utilized by all terrain cycles (ATC's) in the future. Sixteen trenches were dug by the excavator for a total of 225 metres. Seven trenches were dug by hand on areas of near surface exposures for a total of 36 metres. In all 210 chip samples averaging one metre each were taken.

The excavated trenches typically reach a depth of 1.5 metres with 3.0 metres being the deepest. Permafrost did not significantly inhibit trenching, however, side wall sluffing of loose talus material slowed the operation up to 50% overall. Due to the location of the targets, steep talus slopes could not be avoided.

Trenches 1-22 focused on revealing the economic potential of the five intrusive dykes. Trenches were dug over the length of the main intrusive, perpendicular to strike to determine true width and extend the strike length. Trench 23 tested the potential of the large fault zone which passes through the saddle in the north central half of the property.

TABLE II
TRENCH STATISTICS

| TRENCH | LENGTH (M) | # OF SAMPLES 1m chips | METHOD OF EXCAVATION | SIGNIFICANT Au RESULTS (1M) | TARGET |
|---|---|---|---|---|---|
| 1 | 17 | 13 | KUBOTA | .68 gmt | DYKE 1 |
| 2 | 11 | 8 | KUBOTA | .69 gmt | DYKE 1 |
| 3 | 4.5 | 5 | KUBOTA | .34 gmt | DYKE 1 |
| 4 | 5.5 | 5 | HAND TRENCH | 58 ppb | DYKE 3 |
| 5 | 6.5 | 7 | HAND TRENCH | .21 gmt | DYKE 3 |
| 6 | 6 | 6 | HAND TRENCH | 1.08 gmt | DYKE 3 |
| 7 | 5 | 4 | KUBOTA | <100 ppb | DYKE 1 |
| 8 | 9 | 8 | KUBOTA | .13 gmt | DYKE 1 |
| 9 | 17 | 16 | KUBOTA | .35 gmt | DYKE 1 |
| 10 | 12.5 | 11 | KUBOTA | 1.71 gmt | DYKE 1 |
| 11 | 22 | 13 | KUBOTA | 4.35 gmt (.75m) | DYKE 1 |
| 12 | 4 | 3 | KUBOTA | 1.17 gmt | DYKE 1 |
| 13 | 14 | 11 | HAND TRENCH | .95 gmt | DYKE 4 |
| 14 | 9 | 9 | HAND TRENCH | .49 gmt | DYKE 4 |
| 15 | 15 | 12 | KUBOTA | .72 gmt | DYKE 3 |
| 16 | 10 | 9 | KUBOTA | .52 gmt | DYKE 3 |
| 17 | 26 | 26 | KUBOTA | 2.99 gmt | DYKE 1 |
| 18 | 20 | 8 | KUBOTA | 54 ppb | DYKE 3 |
| 19 | 3 | 2 | KUBOTA | .42 gmt | DYKE 1 |
| 20 | 4 | 4 | HAND TRENCH | <23 ppb | DYKE 1 |
| 21 | 5 | 5 | HAND TRENCH | .11 gmt | DYKE 1 |
| 22 | 12 | 2 | KUBOTA | 1.34 gmt (5cm) | DYKE 5 |
| 23 | 25 | 8 | KUBOTA | <21 ppb | SADDLE |

## CHAPTER SIX: MINERALIZATION

The focus of the 1990 work program was on several parallel, mineralized felsic dykes in the northern portion of the property.

One of these dykes was discovered in 1989 and returned grab sample assays up to 57.9 gmt Au. To date five parallel dykes have been explored and are numerically labelled, for convenience, in order of encounter. They are all mineralogically similar, however some local variations are present.

The dykes all have the same trend, striking 115-120 degrees and dip 80 degrees to the south. They appear to be structurally controlled and possibly related to the Cretaceous intrusion 1km to the north. The dykes are blue-grey medium grained quartz eye porphyries containing approximately 1-2% disseminated sulfides.

Dyke #1 has commanded the majority of attention. It is the most extensively sampled of the five intrusives and is therefore the most understood. Within its' exposed areas it contains all characteristics found in the other four dykes.

Dyke #1 has been traced for a horizontal distance of 1000m and is exposed in a cliff face for a vertical distance of 200m. It has an average width of 10m. Within the dyke are a series of arsenopyrite rich quartz ladder veins which cut the dyke at 240 degrees and stand vertical. The veins do not penetrate into the shale host rocks. Within the intrusive, around the veins is an area of pervasive argillic alteration. This kaolinite-sericite rich halo is completely leached of all sulfides and commonly appears as a white-orange soft blocky groundmass. This argillic

zone typically returns assays of less than 100 ppb Au.

The quartz arsenopyrite ladder veins are contained solely within the intrusive and have assays as high as 61.65 gmt Au in grab sample and 4.35 gmt Au over .75m. These veins can be up to 6m wide and often have a shear zone of quartz fragments in clay bounding one or both sides. The sheared area is usually less than half a metre wide. Intrusive clasts trapped within the ladder veins are intensely silicified and occasionally show open space textures. The veins themselves contain arsenopyrite up to 5%. The arsenopyrite can be found in a variety of textures but usually occurs as coarse euhedral blebs or as arsenopyrite stringers 1-3cm wide within the quartz. Scorodite is very common and can be found as irregular masses throughout the vein.

Chalcopyrite and pyrite are seen as minor constituents within the relatively fresher, unaltered areas of the intrusive, but higher gold values are restricted to the arsenopyrite rich quartz ladder veins. The veins are randomly located and appear to be widely spaced. Within the veins themselves the gold values are erratic and spotty.

The other four intrusives have similar arsenopyrite rich quartz ladder veins but all have been traced for a strike length of less than 425m. All five are open at both ends as well as at depth. The same spotty gold values exist in all the other dykes.

TABLE III
PORPHYRY DYKE STATISTICS

| DYKE | PROVEN LENGTH | WIDTH | BEST ASSAY gmt Au 1M CHIP |
|---|---|---|---|
| #1 | 1020 M | 10 M | 58.9 |
| #2 | 425 M | 8 M | 2.89 |
| #3 | 70 M | 5 M | 1.08 |
| #4 | 260 M | 13 M | .95 |
| #5 | 20 M | 8 M | 1.34 (over 5cm) |

A second area of interest, the Saddle Zone, was explored by trenching. This zone has anomalous geochem results and returned grab sample assays of .51 gmt Au. Several small test pits were dug across the large linear feature which revealed it to be a fault zone trending approximately 140 degrees dipping 45 degrees southwest. This large scale fault(100m wide) extends across the property and post dates the porphyritic dyke mineralization. Trenching determined that anomalous float samples were the product of sheared dyke material trapped in the fault. This large linear fault zone was also examined through prospecting and sampling 2.8km to the southeast. In this area it is exposed in a creek bank. It cuts through purple hornfels creating a zone of altered and brecciated material. The hornfels outcrop shows multiple parallel shears of which the widest exposure is 1m. A grab sample from this material returned a value of 1.68 gmt Au.

A third area of interest is the arsenic anomaly which lies lengthwise through the entire property. This anomaly directly overlies the hornfels zone which is rich in arsenopyrite.

Several grab samples of hornfels were taken around the property and one series of 10-2 metres chips. All samples of hornfels material returned values <100 ppb Au.

In the northern corner of the property is a fourth area of interest with a distinct geochemical anomaly. This anomaly is 600m long, 400m wide and has been traced to the northwest and northeast property boundary. It consists of Au $\leq$150 ppb, Sr $\leq$339 ppm and Bi $\leq$27 ppm in soils. This mineralogy is broadly similar to Fort Knox a quartz feldspar stockwork intrusive deposit in Alaska. The anomaly overlies the projected intrusive/hornfels contact.

## CHAPTER SEVEN: CONCLUSIONS AND RECOMMENDATIONS

The 1990 program was successful in establishing a grid and defining several soil anomalies. A seven kilometre long arsenic soil anomaly extends the entire length of the property. This anomaly coincides with the arsenopyrite rich hornfels zone which to date has not returned significant gold values. The second area, in the northern corner of the property, is anomalous in gold, bismuth and strontium. This is an area of moderately well developed soil and overlies the projected intrusive / hornfels contact. The geochemical survey should be tightened in this area with detailed prospecting. This end of the property should also be extended three kilometres to the north west and one kilometre to the north east. This will allow better coverage of the Au, Bi, Sr soil anomaly.

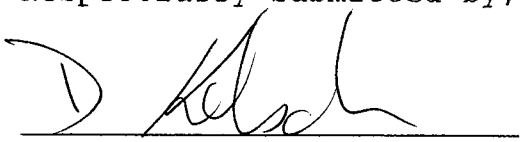
The geophysical survey should also be extended in the north west direction to cover the large magnetic high shown on the regional mag map. The edge of this anomaly appears on the property survey map.

The trenching program was successful in determining the potential of the five parallel felsic porphyry dykes. The majority of the program concentrated on the largest of the dykes, #1, where 13 trenches were excavated over its length. The dyke is at least 1000m long, 10m wide on average and is exposed vertically on a cliff face for 200m. The dykes are a quartz-eye porphyry with quartz-arsenopyrite ladder veins containing gold mineralization. Samples as high as 58.9 gmt Au over 1 meter have

been taken, however results like these are very sparse within the ladder veins which themselves are spaced erratically throughout the intrusive dyke. It is possible that the dykes connect at depth and a larger source intrusive, rich in gold mineralization, is responsible for the quartz arsenopyrite veining. Unless a larger volume source with less erratic gold mineralization is found, the intrusive dykes should be disregarded as a potential deposit.

The 1991 program should consist of extensive prospecting, northwesterly extension of the mag survey and infill soil sampling in conjunction with infill mag. The property boundary should be extended to the north to cover this new area. The sheared hornfels around L142+00E and the Base Line should be hand trenched to reveal the potential of this zone which gave anomalous grab samples during the 1990 program.

Respectfully submitted by;



Dave Kelsch
Geologist

## REFERENCES


Abbott, G. 1983 : Open File, June 1983 ; Geology of MacMillan Fold Belt, N.T.S. 105 O/1 and O/2. Indian and Northern Affairs Canada.

Cathro, R.J. 1986 : Northern Cordillera Mineral Inventory. Archer Cathro and Associates (1981) Ltd. Yukon.

Gabrielse, H. 1980 : MAP 1398 A; MACMILLIAN RIVER, Yukon District Of Mackenzie - Alaska Sheet 105,115. Geological Survey of Canada.

## STATEMENT OF COSTS

| | | |
|---|---|---|
| AIR TRANSPORT | : helicopter 36 hrs @ $750/hr | $27,000. |
| GEOCHEM ANALYSIS | : 1194 soil smpls @ $20/smpl | 23,880. |
| | 367 rock smpls @ $25/smpl | 9,175. |
| CONTRACTORS | : Geophysics Mag 47km @ $350/km | 16,450. |
| | Trenching Excavator 27 days @ $700/day | 18,900. |
| LABOUR | : 123 person days @ $150/day | 18,450. |
| SUPPLIES AND LODGING | : 160 person days @ $50/day | 8,000. |
| GROUND TRANSPORT | : rental and fuel | 4,000. |
| REPORT WRITING, DRAFTING, ETC. | | 3,000. |
| | TOTAL | $128,855. |

## STATEMENT OF QUALIFICATIONS

I, David Kelsch, of the City of Whitehorse, Yukon do hereby certify that:

1. I have been an employee of Noranda Exploration Company, Limited (npl) in Whitehorse since May, 1990.

2. I have completed the geological requirements for a B.Sc. in Geology at the University of British Columbia.

3. I have been active in the mineral exploration industry for the past six years primarily in the Northern Cordillera.

4. I supervised and participated in field work done on the Who Claims in 1990.



David Kelsch
Geologist

# APPENDIX I

## SOIL SAMPLE GEOCHEMICAL RESULTS

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION: PUTZ BENNET — CODE : 9008-015

Project No. :343 — Sheet:1 of 17 — Date rec'd:AUG 01
Material :1153 SOILS — Geol.:D.H. — Date compl:AUG 30
Remarks :

Values in PPM, except where noted.

| T.T. No. | SAMPLE No. | PPB Au |
|---|---|---|
| 60D | SILT 114778 | 5 |
| 61 | SOIL 138301 | 5 |
| 62 | 138302 | 5 |
| 63 | 138303 | 5 |
| 64 | 138304 | 5 |
| 65 | 138305 | 5 |
| 66 | 138306 | 5 |
| 67 | 138307 | 5 |
| 68 | 138308 | 5 |
| 69 | 138309 | 5 |
| 70 | 138310 | 5 |
| 71 | 138311 | 5 |
| 72 | 138312 | 45 |
| 73 | 138313 | 5 |
| 74 | 138314 | 5 |
| 75 | 138315 | 5 |
| 76 | 138316 | 5 |
| 77 | 138317 | 5 |
| 78 | 138318 | 5 |
| 79 | 138319 | 5 |
| 80 | 138320 | 5 |
| 81 | 138321 | 5 |
| 82 | 138322 | 5 |
| 83 | 138323 | 5 |
| 84 | 138324 | 5 |
| 85 | 138325 | 5 |
| 86 | 138326 | 5 |
| 87 | 138327 | 5 |
| 88 | 138328 | 5 |
| 89 | 138329 | 5 |
| 90 | 138330 | 5 |
| 91 | 138481 | 5 |
| 92 | 138482 | 260 |
| 93 | 138483 | 110 |
| 94 | 138484 | 410 |
| 95 | 138485 | 5 |
| 96 | 138486 | 5 |
| 97 | 138487 | 5 |
| 98 | 138488 | 10 |
| 99 | 138489 | 5 |
| 100 | 138490 | 5 |
| 51 | 138491 | 5 |
| 52 | 138492 | 5 |
| 53 | 138493 | 5 |
| 54 | 138494 | 5 |
| 55 | 138495 | 5 |
| 56 | 138496 | 5 |
| 57 | 138497 | 5 |
| 58 | 138498 | 5 |
| 59 | 138499 | 5 |
| 60 | 138500 | 5 |
| 61 | 138601 | 130 |
| 62 | 138602 | 75 |
| 63 | 138676 | 5 |
| 64 | 138677 | 5 |
| 65 | 138678 | 5 |
| 66 | 138679 | 5 |
| 67 | 138680 | 5 |
| 68 | 138681 | 5 |
| 69 | 138682 | 5 |
| 70 | 138683 | 5 |
| 71 | SOIL 138684 | 5 |

| T.T. No. | SAMPLE No. | PPB Au |
|---|---|---|
| 72 | SOIL 138685 | 70 |
| 73 | 138686 | 5 |
| 74 | 138687 | 5 |
| 75 | SOIL 138688 | 5 |
| 76 | 10000E-19200N | 5 |
| 77 | 19250 | 5 |
| 78 | 19300 | 5 |
| 79 | 19350 | 5 |
| 80 | 19400 | 5 |
| 81 | 19450 | 5 |
| 82 | 19500 | 5 |
| 83 | 19550 | 5 |
| 84 | 19600 | 5 |
| 85 | 19650 | 5 |
| 86 | 19700 | 5 |
| 87 | 19750 | 5 |
| 88 | 19800 | 5 |
| 89 | 19850 | 5 |
| 90 | 19900 | 5 |
| 91 | 19950 | 5 |
| 92 | 20050 | 5 |
| 93 | 20100 | 5 |
| 94 | 20150 | 5 |
| 95 | 20200 | 5 |
| 96 | 20250 | 5 |
| 97 | 20300 | 5 |
| 98 | 20350 | 5 |
| 99 | 20400 | 5 |
| 100 | 20700 | 5 |
| 2 | 20750 | 40 |
| 3 | 20800 | 20 |
| 4 | 20850 | 5 |
| 5 | 20900 | 30 |
| 6 | 20950 | 10 |
| 7 | 10000E-21000N | 5 |
| 8 | 10200E-19200N | 5 |
| 9 | 19250 | 10 |
| 10 | 19300 | 10 |
| 11 | 19350 | 5 |
| 12 | 19400 | 5 |
| 13 | 19450 | 5 |
| 14 | 19500 | 5 |
| 15 | 19550 | 5 |
| 16 | 19600 | 5 |
| 17 | 19650 | 5 |
| 18 | 19700 | 5 |
| 19 | 19750 | 5 |
| 20 | 19800 | 5 |
| 21 | 19850 | 5 |
| 22 | 19900 | 5 |
| 23 | 19950 | 5 |
| 24 | 20050 | 5 |
| 25 | 20100 | 5 |
| 26 | 20150 | 5 |
| 27 | 20200 | 5 |
| 28 | 20250 | 5 |
| 29 | 20300 | 10 |
| 30 | 20350 | 5 |
| 31 | 20400 | 5 |
| 32 | 20450 | 5 |
| 33 | 20500 | 5 |
| 34 | 20550 | 5 |
| 35 | 20600 | 5 |
| 36 | 20650 | 20 |
| 37 | 20750 | 30 |
| 38 | 20850 | 25 |
| 39 | 20900 | 5 |
| 40 | 10200E-20950N | 5 |
| 41 | 10400E-19200N | 5 |
| 42 | 19250 | 5 |
| 43 | 10400E-19300N | 5 |

| T.T. No. | SAMPLE No. | PPB Au | |
|---|---|---|---|
| 44 | 10400E-19350N | 5 | |
| 45 | 19400 | 5 | |
| 46 | 19450 | 5 | |
| 47 | 19500 | 5 | |
| 48 | 19550 | 5 | |
| 49 | 19600 | 5 | |
| 50 | 19650 | 5 | |
| 1D | 19700 | 5 | |
| 2 | 19750 | 5 | |
| 3 | 19800 | 5 | |
| 4 | 19850 | 5 | |
| 5 | 19900 | 5 | |
| 6 | 19950 | 5 | |
| 7 | 20000 | 5 | |
| 8 | 20050 | 5 | |
| 9 | 20050 | 5 | DUPLICATE? |
| 10 | 20100 | 5 | |
| 11 | 20150 | 5 | |
| 12 | 20200 | 5 | |
| 13 | 20250 | 5 | |
| 14 | 20300 | 5 | |
| 15 | 20350 | 5 | |
| 16 | 20400 | 5 | |
| 17 | 20450 | 5 | |
| 18 | 20500 | 5 | |
| 19 | 20550 | 5 | |
| 20 | 20700 | 10 | |
| 21 | 20750 | 10 | |
| 22 | 20800 | 5 | |
| 23 | 20850 | 80 | |
| 24 | 20900 | 10 | |
| 25 | 20950 | 5 | |
| 26 | 10400E-21000N | 5 | |
| 27 | 10600E-19200N | 5 | |
| 28 | 19250 | 5 | |
| 29 | 19300 | 5 | |
| 30 | 19350 | 5 | |
| 31 | 19400 | 5 | |
| 32 | 19450 | 5 | |
| 33 | 19500 | 5 | TALUS |
| 34 | 19550 | 10 | |
| 35 | 19600 | 20 | -35 MESH |
| 36 | 19650 | 10 | |
| 37 | 19700 | 5 | |
| 38 | 20050 | 5 | |
| 39 | 20100 | 5 | -35 MESH TALUS |
| 40 | 20150 | 5 | |
| 41 | 20200 | 5 | |
| 42 | 20250 | 5 | |
| 43 | 20300 | 5 | |
| 44 | 20350 | 25 | |
| 45 | 20400 | 5 | |
| 46 | 20450 | 5 | |
| 47 | 20500 | 5 | |
| 48 | 20550 | 5 | |
| 49 | 20600 | 5 | |
| 50 | 20650 | 5 | |
| 52N | 20700 | 100 | |
| 53 | 20700 | 10 | DUPLICATE? |
| 54 | 20750 | 10 | |
| 55 | 20800 | 20 | |
| 56 | 20850 | 150 | |
| 57 | 20900 | 25 | |
| 58 | 20950 | 30 | |
| 59 | 10600E-21000N | 25 | TALUS |
| 60 | 10800E-19200N | 5 | -35 MESH |
| 61 | 19250 | 5 | |
| 62 | 19300 | 5 | |
| 63 | 19350 | 5 | |
| 64 | 19400 | 5 | |
| 65 | 10800E-19450N | 5 | |

| T.T. No. | SAMPLE No. | PPB Au | |
|---|---|---|---|
| 66 | 10800E-19500N | 5 | TALUS |
| 67 | 19550 | 5 | TALUS |
| 68 | 19600 | 5 | |
| 69 | 19650 | 5 | TALUS |
| 70 | 19700 | 5 | TALUS |
| 71 | 19750 | 5 | TALUS |
| 72 | 19950 | 5 | |
| 73 | 20050 | 5 | |
| 74 | 20100 | 5 | |
| 75 | 20150 | 5 | |
| 76 | 20200 | 5 | |
| 77 | 20250 | 5 | |
| 78 | 20300 | 20 | -35 MESH TALUS |
| 79 | 20350 | 5 | |
| 80 | 20400 | 5 | |
| 81 | 20440 | 5 | |
| 82 | 20900 | 5 | |
| 83 | 20950 | 5 | |
| 84 | 21000 | 5 | |
| 85 | 21050 | 5 | |
| 86 | 10800E-21100N | 5 | |
| 87 | 11000E-19200N | 5 | |
| 88 | 19250 | 5 | |
| 89 | 19300 | 5 | |
| 90 | 19350 | 5 | -35 MESH |
| 91 | 19400 | 5 | |
| 92 | 19500 | 5 | |
| 93 | 19600 | 15 | |
| 94 | 19650 | 20 | |
| 95 | 19700 | 20 | |
| 96 | 19750 | 75 | |
| 97 | 19800 | 30 | |
| 98 | 19850 | 5 | |
| 99 | 19900 | 5 | |
| 100 | 11000E-19925N | 5 | |
| 2N | 11200E-19200N | 5 | |
| 3 | 19250 | 5 | |
| 4 | 19300 | 5 | |
| 5 | 19350 | 5 | |
| 6 | 19400 | 5 | |
| 7 | 19450 | 5 | |
| 8 | 19500 | 5 | TALUS |
| 9 | 19550 | 5 | TALUS |
| 10 | 19600 | 5 | |
| 11 | 19800 | 5 | TALUS |
| 12 | 19850 | 5 | TALUS |
| 13 | 19900 | 5 | TALUS |
| 14 | 19950 | 5 | |
| 15 | 20050 | 5 | |
| 16 | 20139 | 5 | |
| 17 | 20450 | 5 | |
| 18 | 20500 | 5 | TALUS |
| 19 | 20550 | 15 | |
| 20 | 20600 | 10 | |
| 21 | 20650 | 10 | |
| 22 | 20750 | 5 | -35 MESH TALUS |
| 23 | 20800 | 5 | |
| 24 | 20850 | 5 | |
| 25 | 20900 | 5 | |
| 26 | 20950 | 5 | |
| 27 | 21000 | 5 | |
| 28 | 21050 | 5 | |
| 29 | 20100 | 5 | |
| 30 | 21150 | 5 | |
| 31 | 11200E-21200N | 5 | |
| 32 | 11400E-19200N | 5 | |
| 33 | 19250 | 5 | |
| 34 | 19300 | 5 | |
| 35 | 19350 | 5 | |
| 36 | 19400 | 5 | |
| 37 | 11400E-19450N | 5 | |

| T.T. No. | SAMPLE No. | PPB Au | |
|---|---|---|---|
| 38 | 11400E-19500N | 5 | |
| 39 | 19550 | 5 | |
| 40 | 19600 | 5 | |
| 41 | 19650 | 5 | |
| 42 | 19700 | 5 | |
| 43 | 19750 | 5 | |
| 44 | 19800 | 5 | |
| 45 | 19850 | 5 | |
| 46 | 19900 | 5 | |
| 47 | 19950 | 50 | |
| 48 | 20050 | 5 | |
| 49 | 20100 | 5 | -35 MESH TALUS |
| 50 | 20150 | 5 | |
| 2Y | 20450 | 10 | |
| 3 | 20500 | 5 | -35 MESH TALUS |
| 4 | 20550 | 10 | |
| 5 | 20600 | 10 | |
| 6 | 20650 | 20 | |
| 7 | 20750 | 5 | |
| 8 | 20800 | 20 | |
| 9 | 20850 | 5 | |
| 10 | 20900 | 5 | |
| 11 | 20950 | 5 | |
| 12 | 21000 | 5 | |
| 13 | 21050 | 5 | |
| 14 | 11400E-21100N | 5 | |
| 15 | 11600E-19200N | 5 | |
| 16 | 19250 | 5 | |
| 17 | 19300 | 5 | |
| 18 | 19350 | 5 | |
| 19 | 19400 | 5 | |
| 20 | 19450 | 5 | |
| 21 | 19500 | 5 | |
| 22 | 19550 | 5 | |
| 23 | 19600 | 5 | |
| 24 | 19650 | 5 | |
| 25 | 19700 | 5 | |
| 26 | 19750 | 5 | |
| 27 | 19800 | 5 | |
| 28 | 19850 | 25 | |
| 29 | 19900 | 20 | |
| 30 | 19950 | 5 | |
| 31 | 20050 | 5 | -35 MESH |
| 32 | 20100 | 5 | |
| 33 | 20150 | 5 | |
| 34 | 20200 | 5 | |
| 35 | 20250 | 5 | |
| 36 | 20300 | 5 | |
| 37 | 11600E-20350N | 25 | |
| 38 | 11800E-19200N | 10 | |
| 39 | 19250 | 5 | |
| 40 | 19300 | 5 | |
| 41 | 19350 | 5 | |
| 42 | 19400 | 5 | |
| 43 | 19450 | 5 | |
| 44 | 19500 | 5 | |
| 45 | 19550 | 5 | |
| 46 | 19600 | 5 | |
| 47 | 19650 | 5 | |
| 48 | 19700 | 5 | |
| 49 | 19750 | 5 | |
| 50 | 19800 | 35 | |
| 51 | 19850 | 35 | |
| 52 | 19900 | 5 | |
| 53 | 19950 | 5 | |
| 54 | 20050 | 10 | |
| 55 | 20100 | 5 | |
| 56 | 20300 | 5 | |
| 57 | 20350 | 5 | |
| 58 | 20400 | 5 | |
| 59 | 11800E-20450N | 30 | |

| T.T. No. | SAMPLE No. | PPB Au | |
|---|---|---|---|
| 60 | 11800E-20500N | 35 | |
| 61 | 20550 | 5 | |
| 62 | 11800E-20580N | 5 | |
| 63 | 12000E-19200N | 5 | |
| 64 | 19250 | 5 | |
| 65 | 19300 | 5 | |
| 66 | 19350 | 5 | |
| 67 | 19400 | 5 | |
| 68 | 19450 | 5 | |
| 69 | 19500 | 5 | -35 MESH |
| 70 | 19550 | 5 | |
| 71 | 19600 | 5 | |
| 72 | 19650 | 5 | |
| 73 | 19700 | 5 | |
| 74 | 19750 | 5 | |
| 75 | 19950 | 5 | |
| 76 | 20050 | 5 | |
| 77 | 20100 | 5 | |
| 78 | 20150 | 5 | |
| 79 | 20200 | 5 | |
| 80 | 12000E-20250N | 5 | |
| 81 | 12400E-19200N | 5 | |
| 82 | 19250 | 5 | |
| 83 | 19300 | 5 | |
| 84 | 19350 | 5 | |
| 85 | 19400 | 5 | |
| 86 | 19450 | 5 | |
| 87 | 19500 | 5 | |
| 88 | 19550 | 5 | |
| 89 | 19600 | 5 | |
| 90 | 19750 | 5 | |
| 91 | 19800 | 60 | |
| 92 | 19850 | 180 | |
| 93 | 19900 | 5 | |
| 94 | 19950 | 5 | |
| 95 | 20050 | 5 | |
| 96 | 20100 | 130 | |
| 97 | 20150 | 15 | |
| 98 | 20200 | 5 | |
| 99 | 20250 | 15 | |
| 100 | 20300 | 5 | |
| 52E | 20350 | 5 | |
| 53 | 20400 | 10 | |
| 54 | 20450 | 20 | |
| 55 | 20500 | 10 | |
| 56 | 20550 | 55 | |
| 57 | 20600 | 25 | |
| 58 | 20650 | 5 | |
| 59 | 20700 | 5 | |
| 60 | 20750 | 5 | |
| 61 | 20800 | 25 | |
| 62 | 20850 | 25 | |
| 63 | 20950 | 5 | |
| 64 | 12400E-21000N | 15 | |
| 65 | 12600E-19200N | 5 | |
| 66 | 19250 | 5 | |
| 67 | 19300 | 5 | |
| 68 | 19350 | 5 | |
| 69 | 19400 | 5 | |
| 70 | 19450 | 5 | |
| 71 | 19500 | 5 | |
| 72 | 19550 | 5 | |
| 73 | 19600 | 5 | |
| 74 | 19650 | 5 | |
| 75 | 19700 | 5 | |
| 76 | 19750 | 5 | |
| 77 | 19800 | 15 | |
| 78 | 20050 | 5 | |
| 79 | 20150 | 45 | |
| 80 | 20200 | 5 | |
| 81 | 12600E-20250N | 5 | |

| T.T. No. | SAMPLE No. | PPB Au | |
|---|---|---|---|
| 82 | 12600E-20300N | 5 | |
| 83 | 20350 | 5 | |
| 84 | 20400 | 5 | |
| 85 | 20500 | 5 | |
| 86 | 20550 | 5 | |
| 87 | 20600 | 5 | |
| 88 | 20650 | 15 | |
| 89 | 20685 | 10 | |
| 90 | 20750 | 5 | |
| 91 | 20800 | 5 | |
| 92 | 12600E-20850N | 5 | |
| 93 | 12800E-19200N | 5 | |
| 94 | 19250 | 5 | |
| 95 | 19300 | 5 | |
| 96 | 19350 | 5 | |
| 97 | 19400 | 5 | -35 MESH |
| 98 | 19450 | 5 | |
| 99 | 19500 | 5 | |
| 100 | 19550 | 5 | |
| 1C | 19600 | 5 | |
| 2 | 19650 | 5 | |
| 3 | 19750 | 5 | |
| 4 | 19800 | 5 | |
| 5 | 19850 | 5 | |
| 6 | 19900 | 5 | |
| 7 | 20050 | 5 | |
| 8 | 20100 | 25 | |
| 9 | 20150 | 5 | |
| 10 | 20200 | 5 | |
| 11 | 20250 | 5 | |
| 12 | 20300 | 10 | |
| 13 | 20350 | 5 | |
| 14 | 20400 | 5 | |
| 15 | 20450 | 5 | |
| 16 | 20500 | 5 | |
| 17 | 20550 | 5 | |
| 18 | 20600 | 15 | |
| 19 | 20650 | 5 | |
| 20 | 20700 | 5 | |
| 21 | 20750 | 5 | |
| 22 | 20800 | 5 | |
| 23 | 20850 | 5 | |
| 24 | 20900 | 5 | |
| 25 | 20950 | 5 | |
| 26 | 12800E-21000N | 5 | |
| 27 | 13000E-19200N | 5 | |
| 28 | 19250 | 5 | |
| 29 | 19300 | 5 | |
| 30 | 19350 | 5 | |
| 31 | 19400 | 10 | -35 MESH |
| 32 | 19450 | 5 | |
| 33 | 19500 | 5 | -35 MESH |
| 34 | 19550 | 5 | |
| 35 | 19600 | 5 | -35 MESH |
| 36 | 19650 | 5 | |
| 37 | 19700 | 5 | |
| 38 | 19750 | 5 | |
| 39 | 19800 | 5 | -35 MESH |
| 40 | 19850 | 5 | |
| 41 | 19950 | 5 | |
| 42 | 20100 | 5 | |
| 43 | 20150 | 5 | -35 MESH |
| 44 | 20200 | 5 | |
| 45 | 20250 | 5 | |
| 46 | 20300 | 5 | |
| 47 | 20350 | 5 | |
| 48 | 20400 | 5 | |
| 49 | 20450 | 5 | |
| 50 | 20550 | 5 | |
| 52F | 20600 | 5 | |
| 53 | 13000E-20650N | 5 | |

| T.T. No. | SAMPLE No. | PPB Au | |
|---|---|---|---|
| 54 | 13000E-20700N | 5 | -35 MESH |
| 55 | 20750 | 5 | |
| 56 | 20800 | 5 | |
| 57 | 20850 | 5 | |
| 58 | 20900 | 10 | |
| 59 | 20950 | 5 | |
| 60 | 13000E-21000N | 5 | |
| 61 | 13200E-19200N | 5 | |
| 62 | 19250 | 5 | |
| 63 | 19300 | 5 | |
| 64 | 19400 | 5 | |
| 65 | 19450 | 5 | |
| 66 | 19500 | 5 | |
| 67 | 19550 | 5 | |
| 68 | 19650 | 5 | -35 MESH |
| 69 | 19700 | 5 | |
| 70 | 19750 | 5 | -35 MESH |
| 71 | 19800 | 5 | |
| 72 | 19850 | 5 | |
| 73 | 19900 | 5 | |
| 74 | 19950 | 30 | |
| 75 | 20050 | 5 | |
| 76 | 20100 | 5 | |
| 77 | 20150 | 5 | |
| 78 | 20200 | 5 | |
| 79 | 20250 | 5 | |
| 80 | 20300 | 5 | |
| 81 | 20350 | 10 | |
| 82 | 20400 | 5 | |
| 83 | 20450 | 5 | |
| 84 | 20500 | 5 | |
| 85 | 20550 | 5 | |
| 86 | 20600 | 5 | |
| 87 | 20650 | 25 | |
| 88 | 20700 | 30 | |
| 89 | 20800 | 5 | |
| 90 | 20850 | 5 | |
| 91 | 20900 | 5 | |
| 92 | 20950 | 5 | |
| 93 | 13200E-21000N | 5 | -35 MESH |
| 94 | 13400E-19200N | 5 | |
| 95 | 19250 | 5 | |
| 96 | 19300 | 5 | |
| 97 | 19350 | 5 | |
| 98 | 19400 | 5 | |
| 99 | 19450 | 5 | |
| 100 | 19500 | 5 | |
| 2F | 19550 | 5 | |
| 3 | 19600 | 5 | |
| 4 | 19650 | 5 | |
| 5 | 19850 | 5 | -35 MESH |
| 6 | 19900 | 5 | |
| 7 | 19950 | 5 | -35 MESH |
| 8 | 20050 | 5 | |
| 9 | 20100 | 5 | |
| 10 | 20150 | 5 | |
| 11 | 20200 | 5 | |
| 12 | 20250 | 5 | |
| 13 | 20300 | 5 | |
| 14 | 20350 | 5 | |
| 15 | 20400 | 5 | |
| 16 | 20450 | 5 | |
| 17 | 20500 | 5 | |
| 18 | 20550 | 5 | |
| 19 | 20600 | 5 | |
| 20 | 20650 | 5 | |
| 21 | 20700 | 5 | |
| 22 | 20750 | 5 | |
| 23 | 20800 | 5 | |
| 24 | 20850 | 5 | |
| 25 | 13400E-20900N | 5 | |

| T.T. No. | SAMPLE No. | PPB Au | | |
|---|---|---|---|---|
| 26 | 13400E-20950N | 5 | | |
| 27 | 13400E-21000N | 5 | | |
| 28 | 13600E-19200N | 5 | | |
| 29 | 19250 | 5 | | |
| 30 | 19300 | 5 | | |
| 31 | 19350 | 5 | | |
| 32 | 19400 | 5 | | |
| 33 | 19450 | 5 | | |
| 34 | 19500 | 5 | -35 MESH | |
| 35 | 19550 | 5 | | |
| 36 | 19600 | 5 | | |
| 37 | 19650 | 5 | | |
| 38 | 19700 | 210 | | |
| 39 | 19750 | 5 | -35 MESH | |
| 40 | 19800 | 5 | | |
| 41 | 19850 | 5 | | |
| 42 | 19900 | 5 | | |
| 43 | 19950 | 5 | | |
| 44 | 20050 | 5 | | |
| 45 | 20100 | 5 | | |
| 46 | 20150 | 5 | | |
| 47 | 20200 | 5 | | |
| 48 | 20250 | 5 | | |
| 49 | 20300 | 5 | | |
| 50 | 20350 | 5 | | |
| 2B | 20400 | 5 | | |
| 3 | 20450 | 5 | | |
| 4 | 20500 | 5 | | |
| 5 | 20550 | 5 | | |
| 6 | 20600 | 5 | | |
| 7 | 20650 | 5 | | |
| 8 | 20700 | 5 | | |
| 9 | 20750 | 5 | | |
| 10 | 20800 | 5 | | |
| 11 | 20850 | 5 | | |
| 12 | 13600E-20900N | 5 | | |
| 13 | 13600E-19250N | 5 | | DUPLICATE? |
| 14 | 19300 | 5 | | DUPLICATE? |
| 15 | 19350 | 5 | | DUPLICATE? |
| 16 | 19400 | 5 | | DUPLICATE? |
| 17 | 19450 | 5 | | DUPLICATE? |
| 18 | 19500 | 5 | | DUPLICATE? |
| 19 | 19550 | 5 | | DUPLICATE? |
| 20 | 19600 | 5 | | DUPLICATE? |
| 21 | 19650 | 5 | | DUPLICATE? |
| 22 | 20050 | 5 | | DUPLICATE? |
| 23 | 20100 | 5 | | DUPLICATE? |
| 24 | 20150 | 5 | | DUPLICATE? |
| 25 | 20250 | 5 | | DUPLICATE? |
| 26 | 20300 | 5 | | DUPLICATE? |
| 27 | 20350 | 5 | | DUPLICATE? |
| 28 | 20400 | 5 | -35 MESH | DUPLICATE? |
| 29 | 20450 | 5 | | DUPLICATE? |
| 30 | 20500 | 20 | | DUPLICATE? |
| 31 | 20550 | 5 | | DUPLICATE? |
| 32 | 20600 | 5 | | DUPLICATE? |
| 33 | 13600E-20650N | 5 | | DUPLICATE? |
| 34 | 13800E-19200N | 5 | | |
| 35 | 19250 | 5 | | |
| 36 | 19300 | 5 | | |
| 37 | 19350 | 5 | | |
| 38 | 19400 | 5 | | |
| 39 | 19450 | 5 | | |
| 40 | 19500 | 5 | | |
| 41 | 19550 | 5 | | |
| 42 | 19600 | 5 | | |
| 43 | 19650 | 5 | | |
| 44 | 19700 | 5 | | |
| 45 | 19750 | 5 | | |
| 46 | 19800 | 10 | | |
| 47 | 13800E-19850N | 5 | | |

| T.T. No. | SAMPLE No. | PPB Au |
|---|---|---|
| 48 | 13800E-19900N | 5 |
| 49 | 19950 | 5 |
| 50 | 20050 | 5 |
| 1P | 20100 | 5 |
| 2 | 20150 | 5 |
| 3 | 20200 | 5 |
| 4 | 20250 | 5 |
| 5 | 20300 | 5 |
| 6 | 20350 | 5 |
| 7 | 20400 | 10 |
| 8 | 20450 | 5 |
| 9 | 20500 | 5 |
| 10 | 20550 | 5 |
| 11 | 20600 | 5 |
| 12 | 20650 | 5 |
| 13 | 20700 | 5 |
| 14 | 20750 | 5 |
| 15 | 20800 | 5 |
| 16 | 20850 | 5 |
| 17 | 20900 | 5 |
| 18 | 20950 | 5 |
| 19 | 13800E-21000N | 5 |
| 20 | 14000E-19200N | 5 |
| 21 | 19250 | 5 |
| 22 | 19300 | 5 |
| 23 | 19350 | 5 |
| 24 | 19400 | 5 |
| 25 | 19450 | 5 |
| 26 | 19500 | 5 |
| 27 | 19550 | 5 |
| 28 | 19600 | 5 |
| 29 | 19650 | 5 |
| 30 | 19700 | 5 |
| 31 | 19750 | 5 |
| 32 | 19800 | 5 |
| 33 | 19850 | 5 |
| 34 | 19900 | 5 |
| 35 | 19950 | 5 |
| 36 | 20050 | 5 |
| 37 | 20100 | 5 |
| 38 | 20150 | 5 |
| 39 | 20200 | 5 |
| 40 | 20250 | 5 |
| 41 | 20300 | 5 |
| 42 | 20350 | 5 |
| 43 | 20400 | 5 |
| 44 | 20450 | 5 |
| 45 | 20500 | 5 |
| 46 | 20550 | 5 |
| 47 | 20600 | 5 |
| 48 | 20650 | 5 |
| 49 | 20700 | 5 |
| 50 | 14000E-20750N | 5 |
| 52B | 14200E-19200N | 5 |
| 53 | 19250 | 5 |
| 54 | 19300 | 5 |
| 55 | 19350 | 5 |
| 56 | 19400 | 5 |
| 57 | 19450 | 5 |
| 58 | 19500 | 5 |
| 59 | 19550 | 5 |
| 60 | 19600 | 5 |
| 61 | 19650 | 5 |
| 62 | 19700 | 5 |
| 63 | 19750 | 5 |
| 64 | 19800 | 5 |
| 65 | 19850 | 5 |
| 66 | 19900 | 5 |
| 67 | 19950 | 5 |
| 68 | 20050 | 5 |
| 69 | 14200E-20100N | 5 |

| T.T. No. | SAMPLE No. | PPB Au | |
|---|---|---|---|
| 70 | 14200E-20150N | 5 | |
| 71 | 20200 | 5 | -35 MESH |
| 72 | 20250 | 5 | |
| 73 | 20300 | 5 | -35 MESH |
| 74 | 20350 | 5 | -35 MESH |
| 75 | 20400 | 5 | |
| 76 | 20450 | 5 | |
| 77 | 20500 | 5 | |
| 78 | 20550 | 5 | |
| 79 | 20600 | 5 | |
| 80 | 20650 | 5 | |
| 81 | 20700 | 5 | |
| 82 | 20750 | 5 | |
| 83 | 20800 | 5 | |
| 84 | 20850 | 5 | -35 MESH |
| 85 | 20900 | 5 | |
| 86 | 20950 | 5 | |
| 87 | 14200E-21000N | 5 | |
| 88 | 14400E-19200N | 5 | |
| 89 | 19250 | 5 | |
| 90 | 19300 | 5 | |
| 91 | 19350 | 5 | |
| 92 | 19400 | 5 | |
| 93 | 19450 | 5 | |
| 94 | 19500 | 5 | |
| 95 | 19550 | 5 | |
| 96 | 19600 | 5 | |
| 97 | 19650 | 5 | |
| 98 | 19750 | 5 | |
| 99 | 19800 | 5 | |
| 100 | 19850 | 5 | |
| 51A | 19900 | 5 | |
| 52 | 19950 | 5 | |
| 53 | 20000 | 25 | |
| 54 | 20050 | 5 | |
| 55 | 20100 | 5 | |
| 56 | 20150 | 5 | |
| 57 | 20200 | 5 | |
| 58 | 20250 | 5 | |
| 59 | 20300 | 5 | |
| 60 | 20350 | 5 | |
| 61 | 20400 | 5 | |
| 62 | 20450 | 5 | |
| 63 | 20500 | 5 | |
| 64 | 20550 | 5 | |
| 65 | 20600 | 5 | |
| 66 | 20650 | 5 | |
| 67 | 20700 | 5 | |
| 68 | 20750 | 5 | |
| 69 | 20800 | 5 | |
| 70 | 20850 | 5 | |
| 71 | 20900 | 5 | |
| 72 | 20950 | 5 | |
| 73 | 14400E-21000N | 5 | |
| 74 | 14600E-19200N | 5 | |
| 75 | 19250 | 5 | |
| 76 | 19300 | 5 | |
| 77 | 19350 | 5 | |
| 78 | 19400 | 5 | |
| 79 | 19450 | 5 | |
| 80 | 19500 | 5 | |
| 81 | 19550 | 5 | |
| 82 | 19600 | 5 | |
| 83 | 19650 | 5 | |
| 84 | 19750 | 5 | |
| 85 | 19800 | 5 | |
| 86 | 19850 | 10 | |
| 87 | 19950 | 5 | |
| 88 | 20000 | 5 | |
| 89 | 20050 | 5 | |
| 90 | 14600E-20100N | 5 | |

| T.T. No. | SAMPLE No. | PPB Au | |
|---|---|---|---|
| 91 | 14600E-20150N | 5 | |
| 92 | 20200 | 5 | |
| 93 | 20250 | 5 | |
| 94 | 20300 | 5 | |
| 95 | 20350 | 5 | |
| 96 | 20400 | 5 | |
| 97 | 20450 | 5 | |
| 98 | 20500 | 5 | |
| 99 | 20550 | 5 | -35 MESH |
| 100 | 20600 | 5 | |
| 2 | 20650 | 5 | |
| 3 | 20700 | 5 | |
| 4 | 20750 | 5 | |
| 5 | 20800 | 5 | |
| 6 | 20850 | 5 | |
| 7 | 20900 | 5 | |
| 8 | 20950 | 5 | |
| 9 | 14600E-21000N | 5 | |
| 10 | 14800E-19200N | 5 | |
| 11 | 19250 | 5 | |
| 12 | 19300 | 5 | |
| 13 | 19350 | 5 | |
| 14 | 19400 | 5 | |
| 15 | 19450 | 5 | |
| 16 | 19500 | 5 | |
| 17 | 19550 | 5 | |
| 18 | 19600 | 5 | |
| 19 | 19650 | 5 | |
| 20 | 19750 | 5 | |
| 21 | 19850 | 5 | |
| 22 | 19800 | 5 | |
| 23 | 19900 | 5 | |
| 24 | 19950 | 5 | |
| 25 | 20000 | 5 | |
| 26 | 20050 | 5 | |
| 27 | 20100 | 5 | |
| 28 | 20150 | 5 | |
| 29 | 20200 | 5 | |
| 30 | 20250 | 5 | |
| 31 | 20300 | 5 | |
| 32 | 20350 | 5 | |
| 33 | 20400 | 5 | |
| 34 | 20450 | 5 | |
| 35 | 20500 | 5 | |
| 36 | 20550 | 5 | |
| 37 | 20600 | 5 | |
| 38 | 20650 | 5 | |
| 39 | 20700 | 5 | |
| 40 | 20800 | 5 | |
| 41 | 20850 | 5 | |
| 42 | 20900 | 5 | |
| 43 | 20950 | 5 | |
| 44 | 14800E-21000N | 5 | |
| 45 | 15000E-19200N | 5 | |
| 46 | 19250 | 5 | |
| 47 | 19300 | 5 | |
| 48 | 19350 | 5 | |
| 49 | 19400 | 5 | |
| 50 | 19450 | 5 | |
| 2E | 19500 | 15 | |
| 3 | 19550 | 5 | |
| 4 | 19600 | 5 | |
| 5 | 19650 | 5 | |
| 6 | 19750 | 5 | |
| 7 | 19800 | 5 | |
| 8 | 19850 | 5 | |
| 9 | 19900 | 5 | |
| 10 | 19950 | 5 | |
| 11 | 20000 | 5 | |
| 12 | 20050 | 5 | |
| 13 | 15000E-20100N | 5 | |

| T.T. No. | SAMPLE No. | PPB Au | |
|---|---|---|---|
| 14 | 15000E-20150N | 5 | |
| 15 | 20200 | 5 | |
| 16 | 15000E-20250N | 25 | |
| 17 | 15200E-19200N | 5 | |
| 18 | 19250 | 5 | |
| 19 | 19300 | 5 | |
| 20 | 19350 | 5 | |
| 21 | 19400 | 5 | |
| 22 | 19450 | 5 | |
| 23 | 19500 | 5 | |
| 24 | 19550 | 5 | -35 MESH TALUS |
| 25 | 19600 | 5 | |
| 26 | 19650 | 5 | |
| 27 | 19750 | 5 | |
| 28 | 19800 | 5 | |
| 29 | 19850 | 5 | |
| 30 | 19900 | 5 | |
| 31 | 19950 | 5 | |
| 32 | 20000 | 5 | |
| 33 | 20050 | 5 | |
| 34 | 20150 | 5 | |
| 35 | 20200 | 5 | |
| 36 | 20250 | 5 | |
| 37 | 20300 | 5 | |
| 38 | 20350 | 5 | |
| 39 | 15200E-20400N | 5 | |
| 40 | 15400E-19200N | 5 | |
| 41 | 19250 | 5 | |
| 42 | 19300 | 5 | |
| 43 | 19350 | 5 | |
| 44 | 19400 | 5 | |
| 45 | 19450 | 5 | |
| 46 | 19500 | 5 | |
| 47 | 19550 | 5 | |
| 48 | 19600 | 5 | |
| 49 | 19650 | 5 | |
| 50 | 19750 | 5 | |
| 52P | 15400E-19800N | 5 | |
| 53 | 15600E-19200N | 5 | |
| 54 | 19250 | 5 | |
| 55 | 19300 | 5 | |
| 56 | 19350 | 5 | |
| 57 | 19400 | 5 | |
| 58 | 19450 | 5 | |
| 59 | 19500 | 5 | |
| 60 | 19550 | 5 | |
| 61 | 19600 | 5 | |
| 62 | 19650 | 5 | |
| 63 | 19750 | 5 | |
| 64 | 19800 | 5 | |
| 65 | 15600E-19850N | 5 | |
| 66 | 15800E-19200N | 5 | |
| 67 | 19250 | 5 | |
| 68 | 19300 | 5 | |
| 69 | 19350 | 5 | |
| 70 | 19400 | 5 | |
| 71 | 19450 | 5 | |
| 72 | 19500 | 5 | |
| 73 | 19550 | 5 | |
| 74 | 19600 | 5 | |
| 75 | 19650 | 5 | |
| 76 | 19750 | 5 | |
| 77 | 19800 | 5 | |
| 78 | 19850 | 5 | |
| 79 | 15800E-19900N | 5 | |
| 80 | 16000E-19200N | 5 | |
| 81 | 19250 | 5 | |
| 82 | 19300 | 5 | |
| 83 | 19350 | 5 | |
| 84 | 19400 | 5 | |
| 85 | 16000E-19450N | 5 | |

| T.T. No. | SAMPLE No. | PPB Au | |
|---|---|---|---|
| 86 | 16000E-19500N | 5 | |
| 87 | 19550 | 5 | |
| 88 | 19600 | 5 | |
| 89 | 19650 | 5 | |
| 90 | 19750 | 5 | |
| 91 | 19950 | 5 | |
| 92 | 20000 | 5 | |
| 93 | 20050 | 5 | |
| 94 | 16000E-20100N | 15 | |
| 95 | 16200E-19200N | 5 | |
| 96 | 19250 | 5 | |
| 97 | 19300 | 5 | |
| 98 | 19350 | 5 | |
| 99 | 19400 | 5 | |
| 100 | 19450 | 5 | |
| 1 | 19500 | 5 | |
| 2 | 19550 | 5 | |
| 3 | 19600 | 90 | |
| 4 | 19650 | 40 | |
| 5 | 19700 | 45 | |
| 6 | 19750 | 5 | |
| 7 | 19850 | 5 | |
| 8 | 19900 | 40 | |
| 9 | 19950 | 5 | |
| 10 | 20000 | 5 | |
| 11 | 20050 | 5 | |
| 12 | 20100 | 5 | |
| 13 | 20150 | 5 | |
| 14 | 16200E-20200N | 5 | |
| 15 | 16400E-19200N | 5 | |
| 16 | 19250 | 5 | |
| 17 | 19300 | 5 | |
| 18 | 19350 | 5 | |
| 19 | 19400 | 5 | |
| 20 | 19450 | 5 | |
| 21 | 19500 | 5 | |
| 22 | 19550 | 5 | |
| 23 | 19600 | 5 | |
| 24 | 19650 | 5 | |
| 25 | 19700 | 45 | |
| 26 | 19850 | 10 | |
| 27 | 19900 | 10 | |
| 28 | 16400E-19950N | 10 | |
| 29 | 16600E-19200N | 5 | |
| 30 | 19250 | 5 | |
| 31 | 19300 | 5 | |
| 32 | 19350 | 5 | |
| 33 | 19400 | 5 | |
| 34 | 19450 | 5 | -35 MESH TALUS |
| 35 | 19500 | 5 | TALUS |
| 36 | 19550 | 5 | |
| 37 | 19600 | 5 | |
| 38 | 19650 | 10 | |
| 39 | 19700 | 35 | -35 MESH |
| 40 | 19750 | 40 | |
| 41 | 19850 | 5 | |
| 42 | 19950 | 5 | |
| 43 | 20000 | 5 | |
| 44 | 20050 | 5 | |
| 45 | 16600E-20100N | 5 | |
| 46 | 16800E-19300N | 5 | |
| 47 | 19350 | 5 | |
| 48 | 19400 | 5 | |
| 49 | 19500 | 5 | |
| 50 | 19450 | 5 | |
| 2D | 19550 | 5 | |
| 3 | 19600 | 30 | |
| 4 | 19650 | 10 | |
| 5 | 19700 | 5 | |
| 6 | 19750 | 5 | |
| 7 | 16800E-19850N | 5 | |

| T.T. No. | SAMPLE No. | PPB Au | |
|---|---|---|---|
| 8 | 16800E-19900N | 5 | |
| 9 | 19950 | 5 | |
| 10 | 20000 | 5 | |
| 11 | 20050 | 5 | |
| 12 | 20100 | 5 | |
| 13 | 20150 | 5 | |
| 14 | 20200 | 5 | |
| 15 | 20250 | 5 | |
| 16 | 20300 | 10 | |
| 17 | 20350 | 5 | |
| 18 | 20400 | 5 | |
| 19 | 16800E-20450N | 5 | |
| 20 | 17000E-19300N | 5 | |
| 21 | 19350 | 5 | |
| 22 | 19400 | 5 | |
| 23 | 19450 | 5 | |
| 24 | 19500 | 5 | |
| 25 | 19550 | 5 | |
| 26 | 19600 | 5 | |
| 27 | 19650 | 5 | |
| 28 | 19750 | 5 | -35 MESH |
| 29 | 19850 | 5 | |
| 30 | 20000 | 5 | |
| 31 | 20050 | 5 | |
| 32 | 20100 | 5 | |
| 33 | 20200 | 5 | |
| 34 | 20250 | 5 | |
| 35 | 17000E-20300N | 5 | |
| 36 | 19700N-14250E | 5 | |
| 37 | 14300 | 5 | |
| 38 | 14350 | 5 | |
| 39 | 14400 | 5 | |
| 40 | 14450 | 5 | |
| 41 | 14500 | 5 | |
| 42 | 14550 | 5 | |
| 43 | 14600 | 5 | |
| 44 | 14650 | 5 | |
| 45 | 14700 | 5 | |
| 46 | 14750 | 5 | |
| 47 | 14800 | 5 | |
| 48 | 14850 | 5 | |
| 49 | 14900 | 5 | -35 MESH |
| 50 | 14950 | 5 | |
| 51D | 15000 | 5 | |
| 52 | 15050 | 5 | |
| 53 | 15100 | 5 | |
| 54 | 15150 | 5 | |
| 55 | 15200 | 5 | |
| 56 | 15250 | 5 | |
| 57 | 15300 | 5 | |
| 58 | 15350 | 5 | |
| 59 | 15400 | 5 | |
| 60 | 15450 | 5 | |
| 61 | 15500 | 5 | -35 MESH |
| 62 | 15550 | 5 | |
| 63 | 15600 | 5 | |
| 64 | 15650 | 5 | |
| 65 | 15700 | 5 | |
| 66 | 15750 | 5 | |
| 67 | 15800 | 5 | |
| 68 | 15850 | 5 | |
| 69 | 15900 | 5 | |
| 70 | 15950 | 5 | |
| 71 | 19700N-16000E | 5 | |
| 72 | 19800N-16050E | 5 | |
| 73 | 16100 | 10 | |
| 74 | 16150 | 10 | |
| 75 | 16200 | 5 | |
| 76 | 16250 | 5 | |
| 77 | 16300 | 5 | |
| 78 | 19800N-16350E | 5 | |

| T.T. No. | SAMPLE No. | PPB Au | |
|---|---|---|---|
| 79 | 19800N-16400E | 5 | |
| 80 | 16450 | 5 | |
| 81 | 16500 | 5 | |
| 82 | 16550 | 5 | |
| 83 | 16600 | 5 | |
| 84 | 16650 | 85 | |
| 85 | 16700 | 30 | |
| 86 | 16750 | 5 | |
| 87 | 16800 | 5 | |
| 88 | 16850 | 5 | |
| 89 | 16900 | 5 | |
| 90 | 16925 | 5 | |
| 91 | 19800N-17000E | 5 | |
| 92 | 20000N-10000E | 5 | |
| 93 | 10050 | 5 | |
| 94 | 10100 | 5 | |
| 95 | 10150 | 5 | |
| 96 | 10200 | 5 | |
| 97 | 10250 | 5 | |
| 98 | 10300 | 5 | |
| 99 | 10350 | 5 | |
| 100 | 10400 | 5 | |
| 2 | 10450 | 5 | |
| 3 | 10500 | 5 | |
| 4 | 10550 | 5 | |
| 5 | 10650 | 10 | |
| 6 | 10700 | 10 | -35 MESH |
| 7 | 10750 | 5 | |
| 8 | 10800 | 5 | |
| 9 | 10850 | 5 | |
| 10 | 10900 | 5 | |
| 11 | 10950 | 5 | |
| 12 | 11000 | 15 | |
| 13 | 11050 | 20 | |
| 14 | 11050 | 5 | DUPLICATE? |
| 15 | 11100 | 5 | |
| 16 | 11150 | 5 | |
| 17 | 11200 | 5 | |
| 18 | 11250 | 5 | |
| 19 | 11300 | 5 | |
| 20 | 11350 | 5 | |
| 21 | 11400 | 5 | |
| 22 | 11450 | 5 | |
| 23 | 11500 | 5 | |
| 24 | 11550 | 5 | |
| 25 | 11600 | 5 | |
| 26 | 11650 | 5 | |
| 27 | 11700 | 5 | |
| 28 | 11750 | 5 | |
| 29 | 11800 | 5 | |
| 30 | 11850 | 5 | |
| 31 | 11900 | 15 | |
| 32 | 11950 | 5 | |
| 33 | 12000 | 5 | |
| 34 | 12050 | 5 | |
| 35 | 12100 | 5 | |
| 36 | 12150 | 5 | |
| 37 | 12200 | 5 | |
| 38 | 12250 | 5 | |
| 39 | 12300 | 5 | |
| 40 | 12350 | 5 | |
| 41 | 12400 | 5 | |
| 42 | 12450 | 15 | |
| 43 | 12500 | 20 | |
| 44 | 12550 | 55 | |
| 45 | 12600 | 5 | |
| 46 | 12650 | 5 | |
| 47 | 12700 | 5 | |
| 48 | 12750 | 5 | |
| 49 | 12800 | 5 | |
| 50 | 20000N-12850E | 5 | |

| T.T. No. | SAMPLE No. | PPB Au | |
|---|---|---|---|
| 52 | 20000N-12900E | 5 | |
| 53 | 12950 | 5 | |
| 54 | 13000 | 5 | |
| 55 | 13100 | 5 | |
| 56 | 13150 | 5 | |
| 57 | 13200 | 5 | |
| 58 | 13250 | 5 | |
| 59 | 13300 | 5 | |
| 60 | 13350 | 5 | |
| 61 | 13400 | 5 | |
| 62 | 13450 | 5 | |
| 63 | 13500 | 5 | |
| 64 | 13550 | 5 | |
| 65 | 13600 | 5 | |
| 66 | 13700 | 5 | |
| 67 | 13750 | 5 | |
| 68 | 13800 | 5 | |
| 69 | 13850 | 5 | |
| 70 | 13900 | 5 | |
| 71 | 13950 | 5 | -35 MESH |
| 72 | 14000 | 5 | |
| 73 | 14050 | 5 | |
| 74 | 14100 | 5 | |
| 75 | 14150 | 5 | |
| 76 | 20000N-14200E | 5 | |
| 77 | 21100N-11000E | 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 Rutz Bennet (JH)

Noranda Exploration Co. Ltd. PROJECT 9008-015 343 File # 90-3903 Page 1

P.O. Box 2380, 1050 Davie, Vancouver BC V6B 3T5

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15000E 19200N | 11 | 28 | 32 | 123 | .3 | 12 | 3 | 65 | 3.95 | 271 | 5 | ND | 13 | 30 | .2 | 6 | 2 | 73 | .02 | .066 | 34 | 18 | .16 | 123 | .01 | 2 | .80 | .01 | .05 | 1 | 10 |
| 15000E 19250N | 9 | 47 | 17 | 185 | .3 | 20 | 7 | 109 | 6.15 | 245 | 5 | ND | 9 | 20 | .2 | 10 | 2 | 51 | .02 | .095 | 26 | 20 | .17 | 72 | .02 | 2 | 1.12 | .01 | .04 | 1 | 10 |
| 15000E 19300N | 18 | 40 | 20 | 131 | .1 | 24 | 5 | 122 | 4.33 | 119 | 10 | ND | 3 | 27 | .2 | 6 | 2 | 37 | .03 | .086 | 28 | 17 | .18 | 68 | .02 | 3 | 1.32 | .01 | .04 | 1 | 30 |
| 15000E 19350N | 1 | 6 | 6 | 17 | .1 | 6 | 1 | 18 | .68 | 11 | 5 | ND | 1 | 9 | .2 | 2 | 2 | 10 | .04 | .036 | 4 | 2 | .02 | 38 | .01 | 2 | .29 | .03 | .02 | 3 | 10 |
| 15000E 19400N | 1 | 14 | 6 | 43 | .1 | 6 | 3 | 71 | 1.45 | 33 | 5 | ND | 1 | 8 | .2 | 2 | 2 | 17 | .03 | .035 | 6 | 6 | .09 | 32 | .02 | 2 | .88 | .03 | .03 | 2 | 40 |
| 15000E 19450N | 2 | 70 | 18 | 179 | .1 | 56 | 13 | 174 | 8.21 | 96 | 5 | ND | 4 | 15 | .5 | 3 | 2 | 36 | .03 | .099 | 25 | 27 | .39 | 106 | .02 | 2 | 3.07 | .01 | .09 | 1 | 50 |
| 15000E 19500N | 1 | 38 | 46 | 91 | .1 | 6 | 8 | 32 | 3.61 | 344 | 5 | ND | 45 | 15 | .2 | 12 | 9 | 2 | .04 | .032 | 26 | 3 | .30 | 80 | .01 | 2 | 1.51 | .01 | .03 | 1 | 40 |
| 15000E 19550N | 2 | 77 | 18 | 173 | .1 | 41 | 14 | 135 | 8.26 | 201 | 7 | ND | 13 | 15 | .2 | 5 | 2 | 25 | .02 | .106 | 24 | 19 | .40 | 126 | .01 | 5 | 2.59 | .01 | .12 | 1 | 10 |
| 15000E 19600N | 3 | 80 | 31 | 123 | .1 | 32 | 9 | 139 | 9.04 | 430 | 10 | ND | 19 | 16 | .7 | 8 | 2 | 29 | .01 | .150 | 24 | 23 | .42 | 123 | .01 | 4 | 2.66 | .01 | .11 | 1 | 10 |
| 15000E 19650N | 3 | 89 | 29 | 141 | .1 | 35 | 10 | 151 | 10.02 | 469 | 5 | ND | 16 | 15 | 1.3 | 8 | 2 | 31 | .01 | .173 | 26 | 24 | .42 | 136 | .01 | 6 | 2.75 | .01 | .11 | 1 | 40 |
| 15000E 19750N | 1 | 52 | 13 | 113 | .1 | 26 | 7 | 118 | 3.68 | 309 | 11 | ND | 1 | 11 | .2 | 2 | 2 | 22 | .04 | .103 | 16 | 15 | .24 | 104 | .01 | 3 | 1.69 | .02 | .07 | 1 | 50 |
| 15000E 19800N | 2 | 78 | 6 | 73 | .1 | 29 | 3 | 87 | 4.56 | 531 | 5 | ND | 1 | 14 | .2 | 2 | 2 | 40 | .06 | .077 | 7 | 16 | .16 | 51 | .03 | 3 | 1.52 | .02 | .07 | 1 | 60 |
| 15000E 19850N | 3 | 50 | 19 | 122 | .1 | 45 | 22 | 493 | 4.49 | 372 | 8 | ND | 8 | 21 | .2 | 2 | 2 | 47 | .15 | .058 | 21 | 39 | .70 | 139 | .03 | 2 | 2.50 | .01 | .24 | 6 | 10 |
| 15000E 19900N | 2 | 47 | 15 | 79 | .1 | 31 | 9 | 246 | 4.58 | 636 | 8 | ND | 1 | 12 | .2 | 2 | 2 | 41 | .03 | .063 | 18 | 29 | .46 | 129 | .03 | 2 | 2.15 | .01 | .14 | 1 | 30 |
| 15000E 19950N | 2 | 79 | 8 | 82 | .1 | 34 | 7 | 210 | 6.25 | 1173 | 5 | ND | 4 | 28 | .2 | 2 | 3 | 42 | .05 | .091 | 15 | 39 | .55 | 125 | .04 | 3 | 2.43 | .02 | .17 | 1 | 20 |
| 15000E 20000N | 2 | 84 | 5 | 80 | .1 | 33 | 4 | 99 | 5.18 | 614 | 5 | ND | 1 | 16 | .2 | 2 | 2 | 42 | .06 | .085 | 8 | 21 | .18 | 57 | .03 | 2 | 1.67 | .02 | .08 | 1 | 30 |
| 15000E 20050N | 1 | 24 | 5 | 54 | .1 | 11 | 3 | 93 | 2.76 | 826 | 5 | ND | 1 | 14 | .2 | 2 | 2 | 33 | .05 | .052 | 7 | 23 | .25 | 66 | .04 | 2 | 1.39 | .02 | .08 | 1 | 40 |
| 15000E 20100N | 1 | 76 | 24 | 92 | .2 | 27 | 6 | 327 | 7.73 | 334 | 5 | ND | 18 | 32 | .5 | 4 | 2 | 47 | .04 | .098 | 16 | 25 | 1.03 | 74 | .09 | 2 | 3.88 | .02 | .31 | 1 | 10 |
| 15000E 20150N | 1 | 15 | 2 | 60 | .1 | 10 | 3 | 48 | 1.18 | 67 | 5 | ND | 2 | 8 | .2 | 2 | 2 | 13 | .09 | .036 | 3 | 6 | .06 | 42 | .01 | 3 | .63 | .01 | .02 | 1 | 130 |
| 15000E 20200N | 7 | 102 | 11 | 86 | .6 | 30 | 12 | 324 | 8.80 | 4582 | 5 | ND | 5 | 41 | .4 | 6 | 2 | 31 | .01 | .112 | 17 | 27 | .27 | 111 | .01 | 5 | 1.25 | .01 | .09 | 1 | 10 |
| 15000E 20250N | 6 | 122 | 41 | 113 | .6 | 22 | 8 | 262 | 11.22 | 1697 | 5 | ND | 6 | 44 | 1.2 | 3 | 4 | 37 | .01 | .144 | 11 | 36 | .54 | 57 | .03 | 5 | 2.41 | .01 | .16 | 1 | 30 |
| 15200E 19200N | 1 | 10 | 7 | 54 | .1 | 9 | 2 | 138 | 1.52 | 9 | 14 | ND | 1 | 9 | .2 | 2 | 2 | 23 | .03 | .056 | 9 | 9 | .08 | 47 | .02 | 2 | 1.04 | .02 | .04 | 2 | 40 |
| 15200E 19250N | 1 | 9 | 2 | 39 | .1 | 8 | 3 | 94 | 1.00 | 9 | 13 | ND | 1 | 11 | .2 | 2 | 2 | 21 | .05 | .046 | 4 | 6 | .06 | 34 | .02 | 2 | .59 | .03 | .03 | 1 | 30 |
| 15200E 19300N | 1 | 8 | 2 | 33 | .1 | 6 | 2 | 41 | .84 | 25 | 5 | ND | 1 | 9 | .2 | 2 | 2 | 10 | .05 | .035 | 5 | 5 | .06 | 32 | .02 | 3 | .77 | .03 | .02 | 2 | 20 |
| 15200E 19350N | 3 | 39 | 19 | 153 | .1 | 45 | 8 | 147 | 5.21 | 61 | 5 | ND | 1 | 21 | .2 | 2 | 2 | 40 | .03 | .080 | 22 | 28 | .39 | 95 | .03 | 2 | 2.52 | .01 | .08 | 1 | 30 |
| 15200E 19400N | 1 | 31 | 10 | 122 | .2 | 29 | 6 | 123 | 3.23 | 38 | 13 | ND | 1 | 11 | .2 | 2 | 2 | 30 | .03 | .072 | 17 | 19 | .25 | 71 | .02 | 2 | 1.72 | .02 | .06 | 1 | 40 |
| 15200E 19450N | 1 | 24 | 16 | 98 | .1 | 22 | 5 | 147 | 3.65 | 48 | 9 | ND | 1 | 9 | .2 | 2 | 2 | 51 | .01 | .071 | 30 | 18 | .15 | 72 | .02 | 2 | 1.49 | .01 | .07 | 1 | 50 |
| 15200E 19500N | 1 | 64 | 14 | 201 | .1 | 49 | 19 | 223 | 6.24 | 97 | 5 | ND | 7 | 8 | .2 | 2 | 2 | 39 | .02 | .089 | 35 | 29 | .64 | 194 | .02 | 2 | 3.15 | .01 | .18 | 1 | 30 |
| 15200E 19550N | 1 | 61 | 14 | 182 | .1 | 61 | 38 | 392 | 8.53 | 91 | 5 | ND | 8 | 16 | .4 | 4 | 2 | 29 | .03 | .107 | 29 | 34 | .54 | 366 | .02 | 2 | 4.36 | .01 | .18 | 1 | 40 |
| 15200E 19600N | 1 | 61 | 26 | 148 | .1 | 32 | 29 | 493 | 7.74 | 92 | 5 | ND | 8 | 22 | .2 | 6 | 2 | 27 | .06 | .095 | 25 | 26 | .70 | 290 | .01 | 3 | 3.37 | .01 | .17 | 1 | 10 |
| 15200E 19650N | 1 | 29 | 14 | 86 | .1 | 25 | 17 | 448 | 3.66 | 64 | 5 | ND | 6 | 14 | .2 | 2 | 2 | 19 | .06 | .072 | 15 | 17 | .43 | 80 | .01 | 2 | 2.18 | .01 | .09 | 1 | 60 |
| 15200E 19750N | 1 | 20 | 39 | 98 | .1 | 24 | 12 | 169 | 2.61 | 98 | 17 | ND | 14 | 16 | .2 | 2 | 2 | 8 | .07 | .036 | 15 | 10 | .45 | 59 | .01 | 2 | 1.65 | .01 | .07 | 1 | 20 |
| 15200E 19800N | 1 | 83 | 20 | 142 | .1 | 40 | 19 | 469 | 9.42 | 161 | 5 | ND | 6 | 19 | 1.0 | 7 | 2 | 53 | .03 | .109 | 22 | 47 | .71 | 259 | .02 | 5 | 4.25 | .01 | .22 | 1 | 40 |
| 15200E 19850N | 2 | 36 | 16 | 77 | .1 | 33 | 8 | 151 | 3.71 | 625 | 8 | ND | 3 | 7 | .2 | 2 | 2 | 30 | .01 | .062 | 15 | 26 | .38 | 115 | .03 | 2 | 1.66 | .01 | .13 | 1 | 20 |
| 15200E 19900N | 1 | 21 | 18 | 80 | .1 | 19 | 5 | 113 | 2.20 | 148 | 15 | ND | 1 | 13 | .2 | 2 | 2 | 29 | .11 | .050 | 10 | 17 | .26 | 62 | .03 | 3 | 1.46 | .02 | .06 | 3 | 30 |
| 15200E 19950N | 1 | 15 | 15 | 45 | .1 | 4 | 2 | 43 | 1.57 | 222 | 5 | ND | 1 | 8 | .2 | 2 | 2 | 34 | .06 | .042 | 9 | 10 | .07 | 43 | .04 | 2 | .96 | .02 | .05 | 3 | 30 |
| STANDARD C | 18 | 60 | 43 | 131 | 7.0 | 73 | 31 | 1054 | 3.97 | 42 | 17 | 7 | 37 | 53 | 18.5 | 15 | 18 | 55 | .52 | .092 | 38 | 60 | .90 | 180 | .07 | 39 | 1.89 | .06 | .14 | 13 | 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.

DATE RECEIVED: AUG 27 1990 DATE REPORT MAILED: Aug 31/90. 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 | Hg ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15200E 20000N | 2 | 34 | 18 | 53 | .1 | 14 | 4 | 228 | 4.65 | 568 | 5 | ND | 2 | 22 | .2 | 2 | 5 | 51 | .05 | .046 | 12 | 34 | .47 | 88 | .07 | 2 | 1.97 | .02 | .13 | 1 | 20 |
| 15200E 20050N | 3 | 70 | 59 | 64 | .3 | 24 | 5 | 101 | 5.72 | 3477 | 5 | ND | 3 | 14 | .2 | 2 | 5 | 35 | .01 | .088 | 22 | 25 | .16 | 115 | .01 | 2 | 1.39 | .01 | .05 | 1 | 10 |
| 15200E 20150N | 4 | 93 | 23 | 82 | .1 | 46 | 4 | 109 | 6.79 | 820 | 5 | ND | 1 | 17 | .2 | 2 | 4 | 50 | .03 | .093 | 9 | 24 | .21 | 71 | .03 | 2 | 2.03 | .02 | .09 | 1 | 30 |
| 15200E 20200N | 5 | 110 | 37 | 108 | .2 | 37 | 5 | 210 | 13.55 | 1083 | 5 | ND | 4 | 29 | 1.1 | 6 | 3 | 67 | .01 | .141 | 12 | 49 | .44 | 113 | .03 | 3 | 2.44 | .01 | .20 | 1 | 30 |
| 15200E 20250N | 5 | 133 | 34 | 118 | .4 | 43 | 11 | 352 | 14.35 | 703 | 6 | ND | 4 | 32 | 1.5 | 7 | 2 | 69 | .01 | .170 | 11 | 51 | .42 | 109 | .02 | 4 | 2.67 | .01 | .16 | 1 | 40 |
| 15200E 20300N | 2 | 62 | 9 | 63 | .2 | 28 | 4 | 105 | 5.00 | 231 | 5 | ND | 1 | 14 | .2 | 3 | 2 | 36 | .02 | .085 | 8 | 18 | .24 | 58 | .03 | 3 | 2.09 | .02 | .09 | 1 | 50 |
| 15200E 20350N | 3 | 87 | 19 | 95 | .2 | 42 | 17 | 701 | 7.57 | 201 | 5 | ND | 1 | 12 | .3 | 2 | 2 | 58 | .02 | .107 | 9 | 33 | .41 | 79 | .04 | 3 | 2.77 | .01 | .21 | 1 | 100 |
| 15200E 20400N | 3 | 43 | 19 | 104 | .1 | 38 | 10 | 326 | 4.73 | 191 | 5 | ND | 1 | 15 | .2 | 2 | 6 | 41 | .08 | .087 | 9 | 21 | .29 | 87 | .03 | 2 | 1.95 | .01 | .08 | 4 | 60 |
| 15400E 19200N | 2 | 17 | 13 | 58 | .1 | 10 | 3 | 221 | 2.20 | 21 | 5 | ND | 1 | 9 | .3 | 2 | 2 | 33 | .05 | .081 | 10 | 17 | .14 | 49 | .02 | 2 | .93 | .03 | .04 | 2 | 40 |
| 15400E 19250N | 3 | 52 | 18 | 146 | .1 | 44 | 11 | 236 | 6.54 | 132 | 6 | ND | 5 | 20 | .2 | 5 | 4 | 50 | .03 | .081 | 24 | 33 | .53 | 190 | .04 | 2 | 2.79 | .01 | .16 | 1 | 10 |
| 15400E 19300N | 1 | 7 | 7 | 18 | .1 | 4 | 2 | 66 | .73 | 6 | 5 | ND | 1 | 9 | .2 | 2 | 2 | 14 | .09 | .043 | 4 | 3 | .03 | 23 | .03 | 2 | .96 | .04 | .02 | 2 | 20 |
| 15400E 19350N | 1 | 10 | 6 | 34 | .1 | 6 | 2 | 45 | 1.31 | 17 | 5 | ND | 1 | 7 | .3 | 2 | 2 | 20 | .02 | .043 | 8 | 5 | .04 | 33 | .01 | 2 | .69 | .03 | .03 | 2 | 30 |
| 15400E 19400N | 1 | 18 | 16 | 62 | .1 | 15 | 4 | 158 | 2.18 | 51 | 5 | ND | 1 | 8 | .2 | 2 | 2 | 27 | .02 | .063 | 11 | 11 | .11 | 54 | .02 | 2 | 1.26 | .02 | .04 | 1 | 40 |
| 15400E 19450N | 1 | 9 | 5 | 21 | .1 | 2 | 1 | 13 | .61 | 2 | 5 | ND | 1 | 8 | .2 | 2 | 2 | 12 | .04 | .030 | 2 | 1 | .02 | 20 | .03 | 2 | 1.03 | .04 | .02 | 3 | 30 |
| 15400E 19500N | 3 | 39 | 21 | 143 | .1 | 40 | 12 | 423 | 5.97 | 60 | 5 | ND | 1 | 10 | .3 | 2 | 2 | 46 | .04 | .115 | 25 | 32 | .48 | 121 | .02 | 2 | 2.93 | .01 | .14 | 1 | 50 |
| 15400E 19550N | 2 | 39 | 17 | 121 | .3 | 38 | 10 | 281 | 5.58 | 58 | 5 | ND | 1 | 10 | .2 | 2 | 2 | 50 | .03 | .111 | 24 | 26 | .32 | 157 | .03 | 2 | 2.67 | .01 | .12 | 1 | 90 |
| 15400E 19600N | 3 | 54 | 22 | 99 | .1 | 24 | 8 | 181 | 6.98 | 89 | 5 | ND | 1 | 5 | .4 | 2 | 2 | 44 | .01 | .170 | 17 | 23 | .22 | 77 | .02 | 2 | 2.26 | .01 | .06 | 1 | 80 |
| 15400E 19650N | 2 | 54 | 13 | 119 | .1 | 39 | 11 | 285 | 6.93 | 78 | 5 | ND | 4 | 9 | .3 | 2 | 2 | 58 | .04 | .098 | 22 | 36 | .54 | 162 | .04 | 2 | 3.25 | .02 | .17 | 1 | 20 |
| 15400E 19750N | 4 | 78 | 24 | 116 | .2 | 30 | 8 | 193 | 10.85 | 252 | 5 | ND | 7 | 13 | 2.3 | 12 | 2 | 61 | .01 | .122 | 19 | 49 | .63 | 221 | .04 | 2 | 3.44 | .02 | .29 | 1 | 40 |
| 15400E 19800N | 4 | 93 | 22 | 125 | .2 | 44 | 8 | 191 | 11.91 | 220 | 7 | ND | 6 | 10 | 2.1 | 12 | 4 | 65 | .01 | .146 | 19 | 53 | .61 | 180 | .04 | 2 | 3.55 | .01 | .26 | 1 | 30 |
| 15600E 19200N | 6 | 61 | 18 | 115 | .4 | 18 | 6 | 344 | 6.01 | 56 | 6 | ND | 5 | 10 | .6 | 12 | 4 | 50 | .03 | .137 | 32 | 42 | .48 | 52 | .01 | 3 | 1.48 | .01 | .04 | 1 | 60 |
| 15600E 19250N | 13 | 15 | 15 | 60 | .4 | 11 | 2 | 69 | 2.57 | 36 | 5 | ND | 2 | 7 | .2 | 13 | 4 | 73 | .01 | .043 | 35 | 17 | .27 | 61 | .01 | 2 | .87 | .01 | .02 | 2 | 20 |
| 15600E 19300N | 6 | 58 | 18 | 135 | .1 | 22 | 5 | 101 | 8.24 | 90 | 5 | ND | 12 | 12 | .2 | 2 | 3 | 55 | .03 | .106 | 24 | 28 | .19 | 50 | .01 | 2 | 1.46 | .01 | .04 | 1 | 10 |
| 15600E 19350N | 5 | 81 | 18 | 165 | .2 | 29 | 8 | 214 | 10.39 | 118 | 6 | ND | 7 | 14 | 1.8 | 9 | 2 | 62 | .02 | .145 | 19 | 34 | .42 | 84 | .03 | 2 | 2.24 | .01 | .07 | 1 | 30 |
| 15600E 19400N | 3 | 89 | 24 | 195 | .1 | 35 | 13 | 261 | 10.70 | 135 | 7 | ND | 16 | 10 | 1.6 | 7 | 2 | 45 | .01 | .127 | 19 | 33 | .43 | 59 | .01 | 2 | 2.39 | .01 | .06 | 1 | 20 |
| 15600E 19450N | 3 | 54 | 24 | 163 | .2 | 33 | 7 | 196 | 6.71 | 67 | 5 | ND | 5 | 10 | .2 | 3 | 2 | 50 | .04 | .094 | 18 | 28 | .36 | 61 | .03 | 2 | 2.13 | .02 | .07 | 1 | 30 |
| 15600E 19500N | 2 | 52 | 16 | 174 | .1 | 63 | 17 | 384 | 5.07 | 55 | 6 | ND | 4 | 8 | .2 | 2 | 2 | 51 | .03 | .082 | 27 | 38 | .60 | 123 | .05 | 2 | 3.02 | .01 | .13 | 1 | 30 |
| 15600E 19550N | 1 | 24 | 13 | 81 | .1 | 22 | 7 | 172 | 2.21 | 20 | 5 | ND | 1 | 8 | .3 | 2 | 3 | 28 | .04 | .058 | 14 | 19 | .29 | 68 | .02 | 2 | 1.84 | .02 | .06 | 2 | 20 |
| 15600E 19600N | 1 | 25 | 10 | 74 | .1 | 23 | 6 | 189 | 2.14 | 28 | 5 | ND | 1 | 9 | .2 | 2 | 3 | 27 | .05 | .066 | 9 | 14 | .21 | 60 | .03 | 2 | 1.44 | .02 | .06 | 1 | 30 |
| 15600E 19650N | 1 | 17 | 10 | 53 | .1 | 11 | 3 | 107 | 1.93 | 20 | 5 | ND | 1 | 7 | .3 | 2 | 3 | 27 | .02 | .072 | 12 | 9 | .09 | 45 | .02 | 2 | 1.57 | .02 | .04 | 2 | 50 |
| 15600E 19750N | 3 | 93 | 23 | 143 | .1 | 24 | 6 | 137 | 9.57 | 124 | 5 | ND | 4 | 15 | 1.7 | 4 | 2 | 77 | .01 | .133 | 14 | 41 | .51 | 171 | .03 | 2 | 2.38 | .02 | .23 | 1 | 20 |
| 15600E 19800N | 4 | 64 | 17 | 82 | .1 | 17 | 5 | 127 | 7.07 | 122 | 7 | ND | 5 | 9 | .8 | 2 | 2 | 65 | .01 | .096 | 14 | 36 | .51 | 168 | .04 | 2 | 2.26 | .02 | .26 | 1 | 20 |
| 15600E 19850N | 4 | 59 | 30 | 96 | .4 | 35 | 7 | 171 | 5.28 | 856 | 5 | ND | 6 | 16 | .3 | 3 | 3 | 50 | .03 | .097 | 20 | 37 | .53 | 129 | .04 | 2 | 2.17 | .02 | .18 | 1 | 50 |
| 15800E 19200N | 8 | 52 | 32 | 107 | .1 | 17 | 4 | 126 | 6.16 | 91 | 6 | ND | 14 | 13 | .2 | 2 | 3 | 58 | .01 | .105 | 35 | 32 | .31 | 64 | .01 | 2 | 1.46 | .01 | .05 | 1 | 10 |
| 15800E 19250N | 4 | 48 | 17 | 94 | .1 | 15 | 4 | 156 | 4.90 | 61 | 5 | ND | 5 | 10 | .2 | 2 | 2 | 42 | .04 | .096 | 20 | 19 | .24 | 49 | .02 | 2 | 1.41 | .02 | .05 | 1 | 20 |
| 15800E 19300N | 10 | 60 | 27 | 139 | .2 | 15 | 4 | 102 | 5.68 | 93 | 5 | ND | 8 | 9 | .2 | 2 | 2 | 53 | .02 | .090 | 21 | 26 | .16 | 40 | .02 | 2 | 1.25 | .02 | .04 | 1 | 20 |
| STANDARD C | 19 | 62 | 37 | 133 | 7.2 | 71 | 32 | 1052 | 3.97 | 41 | 17 | 7 | 38 | 52 | 18.9 | 15 | 20 | 56 | .51 | .090 | 39 | 59 | .88 | 180 | .07 | 38 | 1.88 | .06 | .14 | 12 | 1400 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15800E 19350N | 2 | 40 | 21 | 123 | .1 | 27 | 4 | 140 | 5.00 | 60 | 5 | ND | 14 | 8 | .2 | 2 | 2 | 35 | .02 | .078 | 20 | 17 | .37 | 57 | .01 | 4 | 2.34 | .01 | .07 | 1 | 10 |
| 15800E 19400N | 3 | 81 | 23 | 227 | .1 | 44 | 8 | 178 | 10.54 | 74 | 6 | ND | 8 | 16 | .6 | 2 | 2 | 65 | .02 | .131 | 28 | 38 | .53 | 100 | .04 | 2 | 2.86 | .01 | .09 | 1 | 10 |
| 15800E 19450N | 1 | 52 | 18 | 163 | .1 | 43 | 12 | 216 | 5.84 | 41 | 5 | ND | 4 | 9 | .2 | 2 | 4 | 51 | .03 | .083 | 29 | 33 | .55 | 103 | .05 | 2 | 2.80 | .01 | .15 | 2 | 30 |
| 15800E 19500N | 2 | 58 | 17 | 191 | .1 | 56 | 18 | 388 | 7.05 | 50 | 7 | ND | 6 | 10 | .2 | 2 | 2 | 56 | .03 | .087 | 29 | 36 | .64 | 147 | .04 | 2 | 3.24 | .01 | .15 | 1 | 20 |
| 15800E 19550N | 1 | 58 | 20 | 214 | .1 | 56 | 30 | 524 | 5.88 | 69 | 5 | ND | 4 | 29 | .2 | 2 | 2 | 46 | .10 | .097 | 27 | 32 | .71 | 165 | .03 | 2 | 3.44 | .01 | .16 | 2 | 20 |
| 15800E 19600N | 2 | 40 | 20 | 145 | .1 | 44 | 13 | 366 | 4.97 | 46 | 5 | ND | 2 | 11 | .2 | 2 | 2 | 57 | .04 | .080 | 29 | 35 | .61 | 118 | .05 | 2 | 2.94 | .01 | .15 | 1 | 30 |
| 15800E 19650N | 2 | 39 | 20 | 149 | .1 | 46 | 18 | 476 | 4.49 | 62 | 5 | ND | 2 | 11 | .3 | 2 | 3 | 46 | .06 | .077 | 21 | 29 | .56 | 121 | .05 | 2 | 2.78 | .02 | .12 | 1 | 20 |
| 15800E 19750N | 5 | 93 | 37 | 101 | .1 | 25 | 7 | 160 | 11.88 | 406 | 9 | ND | 5 | 13 | .4 | 45 | 2 | 96 | .01 | .202 | 22 | 54 | .36 | 129 | .04 | 2 | 1.79 | .01 | .13 | 1 | 50 |
| 15800E 19800N | 2 | 59 | 12 | 80 | .3 | 21 | 5 | 133 | 4.61 | 1076 | 7 | ND | 1 | 16 | .3 | 2 | 2 | 41 | .06 | .113 | 16 | 26 | .43 | 112 | .04 | 2 | 1.70 | .02 | .13 | 1 | 50 |
| 15800E 19850N | 3 | 47 | 18 | 72 | .1 | 24 | 5 | 174 | 5.83 | 1558 | 5 | ND | 3 | 18 | .5 | 2 | 2 | 35 | .03 | .092 | 17 | 24 | .48 | 122 | .03 | 2 | 1.79 | .01 | .13 | 1 | 30 |
| 15800E 19900N | 7 | 55 | 19 | 81 | .1 | 16 | 5 | 159 | 9.94 | 2962 | 8 | ND | 2 | 15 | .8 | 2 | 2 | 38 | .01 | .127 | 30 | 21 | .31 | 75 | .02 | 2 | 1.69 | .01 | .07 | 3 | 40 |
| 16000E 19200N | 3 | 66 | 37 | 185 | .1 | 34 | 7 | 142 | 8.32 | 75 | 7 | ND | 16 | 14 | .2 | 2 | 2 | 43 | .01 | .113 | 24 | 25 | .46 | 69 | .01 | 2 | 2.51 | .01 | .08 | 1 | 20 |
| 16000E 19250N | 4 | 75 | 47 | 168 | .1 | 29 | 6 | 188 | 10.24 | 78 | 8 | ND | 16 | 27 | .2 | 3 | 2 | 52 | .01 | .182 | 28 | 37 | .53 | 82 | .02 | 2 | 2.68 | .01 | .08 | 1 | 20 |
| 16000E 19300N | 6 | 79 | 35 | 201 | .2 | 33 | 7 | 198 | 11.20 | 97 | 7 | ND | 18 | 34 | .7 | 8 | 2 | 55 | .01 | .179 | 31 | 39 | .48 | 94 | .01 | 3 | 2.48 | .01 | .06 | 1 | 30 |
| 16000E 19350N | 4 | 94 | 27 | 241 | .2 | 48 | 10 | 223 | 11.40 | 62 | 7 | ND | 9 | 25 | .9 | 4 | 3 | 67 | .01 | .137 | 25 | 40 | .65 | 121 | .04 | 2 | 3.15 | .01 | .13 | 1 | 40 |
| 16000E 19400N | 3 | 115 | 18 | 261 | .2 | 42 | 9 | 202 | 14.29 | 68 | 7 | ND | 11 | 15 | 1.3 | 9 | 2 | 67 | .01 | .194 | 21 | 42 | .57 | 86 | .03 | 2 | 3.06 | .01 | .11 | 1 | 30 |
| 16000E 19450N | 3 | 73 | 24 | 179 | .1 | 27 | 6 | 195 | 11.28 | 51 | 6 | ND | 10 | 6 | .2 | 6 | 2 | 57 | .01 | .108 | 24 | 45 | .70 | 77 | .03 | 2 | 2.91 | .01 | .16 | 1 | 50 |
| 16000E 19500N | 2 | 83 | 17 | 233 | .1 | 58 | 19 | 423 | 9.62 | 47 | 7 | ND | 5 | 17 | .7 | 3 | 2 | 59 | .03 | .103 | 25 | 39 | .76 | 128 | .05 | 2 | 3.82 | .01 | .19 | 2 | 10 |
| 16000E 19550N | 1 | 80 | 28 | 217 | .1 | 63 | 22 | 506 | 9.06 | 57 | 6 | ND | 7 | 13 | .2 | 3 | 3 | 63 | .04 | .082 | 37 | 51 | .89 | 152 | .05 | 2 | 4.08 | .01 | .22 | 1 | 10 |
| 16000E 19600N | 8 | 71 | 31 | 147 | .1 | 44 | 11 | 428 | 13.22 | 101 | 5 | ND | 7 | 22 | .2 | 4 | 2 | 48 | .01 | .088 | 20 | 47 | .83 | 146 | .06 | 2 | 4.23 | .01 | .29 | 1 | 20 |
| 16000E 19650N | 3 | 69 | 24 | 146 | .1 | 31 | 9 | 221 | 9.95 | 72 | 6 | ND | 8 | 4 | .3 | 2 | 5 | 42 | .01 | .092 | 26 | 38 | .89 | 246 | .03 | 2 | 4.88 | .01 | .31 | 2 | 20 |
| 16000E 19750N | 3 | 54 | 16 | 108 | .2 | 34 | 10 | 271 | 6.27 | 417 | 7 | ND | 3 | 22 | .2 | 10 | 2 | 58 | .04 | .115 | 20 | 40 | .55 | 139 | .04 | 2 | 2.36 | .01 | .15 | 1 | 40 |
| 16000E 19950N | 2 | 35 | 14 | 84 | .1 | 33 | 8 | 180 | 2.96 | 414 | 5 | ND | 1 | 15 | .2 | 2 | 6 | 38 | .06 | .077 | 14 | 23 | .37 | 90 | .04 | 2 | 1.62 | .02 | .13 | 1 | 10 |
| 16000E 20000N | 2 | 60 | 14 | 181 | .1 | 78 | 25 | 655 | 6.31 | 667 | 5 | ND | 6 | 28 | .4 | 2 | 2 | 64 | .04 | .097 | 23 | 48 | .59 | 185 | .08 | 2 | 2.65 | .01 | .29 | 1 | 20 |
| 16000E 20050N | 3 | 71 | 14 | 217 | .2 | 79 | 23 | 666 | 7.10 | 864 | 5 | ND | 4 | 29 | .5 | 2 | 2 | 62 | .06 | .115 | 18 | 44 | .57 | 202 | .08 | 2 | 2.74 | .02 | .26 | 1 | 30 |
| 16000E 20100N | 3 | 82 | 20 | 233 | .1 | 91 | 34 | 976 | 7.95 | 1436 | 5 | ND | 3 | 29 | .2 | 2 | 2 | 68 | .08 | .126 | 19 | 49 | .62 | 309 | .08 | 2 | 2.74 | .01 | .25 | 1 | 40 |
| 16200E 19200N | 9 | 52 | 27 | 93 | .2 | 18 | 5 | 201 | 4.75 | 75 | 5 | ND | 6 | 11 | .2 | 2 | 2 | 49 | .03 | .102 | 33 | 32 | .48 | 89 | .02 | 3 | 1.75 | .01 | .07 | 1 | 30 |
| 16200E 19250N | 8 | 66 | 30 | 81 | .1 | 18 | 4 | 214 | 7.02 | 63 | 7 | ND | 11 | 13 | .2 | 3 | 2 | 64 | .03 | .119 | 39 | 35 | .57 | 81 | .01 | 2 | 1.98 | .01 | .05 | 1 | 10 |
| 16200E 19300N | 6 | 51 | 26 | 75 | .2 | 18 | 5 | 172 | 5.05 | 64 | 5 | ND | 3 | 16 | .2 | 4 | 2 | 50 | .04 | .112 | 43 | 26 | .41 | 57 | .03 | 2 | 1.60 | .02 | .04 | 1 | 20 |
| 16200E 19350N | 4 | 84 | 29 | 90 | .7 | 35 | 4 | 181 | 8.81 | 68 | 7 | ND | 14 | 28 | .2 | 4 | 6 | 57 | .02 | .197 | 64 | 45 | .50 | 78 | .01 | 3 | 2.34 | .01 | .05 | 1 | 60 |
| 16200E 19400N | 2 | 43 | 27 | 180 | .3 | 41 | 15 | 245 | 4.44 | 54 | 5 | ND | 3 | 16 | .2 | 2 | 2 | 42 | .08 | .084 | 24 | 26 | .46 | 99 | .01 | 2 | 2.25 | .01 | .12 | 1 | 40 |
| 16200E 19450N | 2 | 47 | 18 | 148 | .1 | 38 | 15 | 241 | 5.10 | 74 | 5 | ND | 6 | 14 | .2 | 2 | 2 | 47 | .05 | .059 | 31 | 34 | .58 | 121 | .03 | 2 | 2.53 | .01 | .17 | 1 | 30 |
| 16200E 19500N | 1 | 23 | 31 | 92 | .2 | 37 | 16 | 486 | 2.72 | 89 | 5 | ND | 12 | 18 | .2 | 2 | 2 | 23 | .34 | .039 | 20 | 20 | .69 | 80 | .01 | 2 | 2.22 | .01 | .13 | 1 | 5 |
| 16200E 19550N | 1 | 58 | 25 | 144 | .1 | 44 | 25 | 435 | 4.58 | 151 | 5 | ND | 18 | 22 | .2 | 2 | 2 | 34 | .09 | .060 | 17 | 23 | .64 | 123 | .01 | 2 | 2.64 | .01 | .17 | 1 | 10 |
| 16200E 19600N | 3 | 78 | 90 | 301 | 1.7 | 37 | 10 | 206 | 7.38 | 1867 | 8 | ND | 9 | 39 | .9 | 27 | 5 | 56 | .03 | .089 | 17 | 33 | .50 | 155 | .01 | 5 | 2.32 | .01 | .18 | 1 | 30 |
| 16200E 19650N | 3 | 62 | 56 | 133 | 2.1 | 16 | 3 | 116 | 5.44 | 847 | 9 | ND | 10 | 17 | .2 | 20 | 3 | 43 | .02 | .078 | 15 | 24 | .28 | 105 | .01 | 4 | 1.62 | .01 | .14 | 1 | 10 |
| STANDARD C | 19 | 61 | 44 | 133 | 7.3 | 69 | 32 | 1056 | 3.99 | 39 | 17 | 7 | 38 | 53 | 18.9 | 15 | 22 | 58 | .58 | .097 | 39 | 60 | .89 | 182 | .08 | 37 | 1.89 | .06 | .14 | 11 | 1500 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16200E 19700N | 3 | 62 | 27 | 109 | .6 | 10 | 10 | 146 | 9.73 | 1343 | 5 | ND | 12 | 5 | .2 | 21 | 5 | 55 | .02 | .135 | 33 | 41 | .12 | 71 | .01 | 2 | 1.14 | .01 | .07 | 2 | 100 |
| 16200E 19750N | 3 | 29 | 14 | 71 | .2 | 16 | 7 | 101 | 3.18 | 171 | 7 | ND | 1 | 10 | .2 | 6 | 9 | 41 | .04 | .068 | 15 | 22 | .25 | 60 | .02 | 5 | 1.20 | .02 | .05 | 1 | 20 |
| 16200E 19850N | 3 | 67 | 7 | 45 | .3 | 16 | 7 | 91 | 5.90 | 1024 | 5 | ND | 7 | 24 | .2 | 3 | 7 | 30 | .09 | .172 | 17 | 16 | .22 | 58 | .03 | 2 | 1.08 | .02 | .06 | 2 | 40 |
| 16200E 19900N | 2 | 38 | 11 | 54 | .3 | 57 | 9 | 135 | 5.65 | 5373 | 5 | ND | 8 | 64 | .7 | 10 | 4 | 41 | .03 | .067 | 19 | 40 | .60 | 248 | .05 | 2 | 2.09 | .01 | .29 | 4 | 5 |
| 16200E 19950N | 2 | 39 | 9 | 73 | .1 | 48 | 8 | 150 | 4.87 | 952 | 5 | ND | 4 | 43 | .4 | 2 | 8 | 54 | .03 | .082 | 16 | 51 | .74 | 197 | .07 | 2 | 2.63 | .01 | .28 | 2 | 30 |
| 16200E 20000N | 3 | 45 | 10 | 85 | .1 | 35 | 10 | 211 | 5.39 | 676 | 5 | ND | 4 | 45 | .4 | 2 | 2 | 58 | .02 | .090 | 21 | 51 | .72 | 205 | .06 | 2 | 2.72 | .01 | .30 | 1 | 10 |
| 16200E 20050N | 2 | 55 | 26 | 169 | .1 | 85 | 36 | 932 | 5.59 | 314 | 5 | ND | 5 | 26 | 1.1 | 2 | 2 | 60 | .03 | .078 | 15 | 45 | .56 | 207 | .08 | 2 | 2.67 | .01 | .28 | 1 | 40 |
| 16200E 20100N | 4 | 90 | 19 | 153 | .2 | 74 | 26 | 635 | 6.41 | 281 | 5 | ND | 4 | 22 | .4 | 2 | 4 | 60 | .04 | .119 | 16 | 44 | .54 | 145 | .06 | 4 | 2.35 | .02 | .20 | 3 | 50 |
| 16200E 20150N | 4 | 89 | 23 | 184 | .3 | 87 | 42 | 975 | 6.23 | 148 | 5 | ND | 4 | 18 | .5 | 2 | 2 | 60 | .04 | .113 | 17 | 46 | .59 | 170 | .07 | 2 | 2.65 | .01 | .24 | 2 | 60 |
| 16200E 20200N | 6 | 107 | 23 | 168 | .1 | 98 | 30 | 731 | 7.29 | 251 | 5 | ND | 5 | 14 | .6 | 2 | 2 | 66 | .03 | .112 | 14 | 51 | .58 | 197 | .08 | 2 | 2.50 | .01 | .26 | 5 | 30 |
| 16400E 19200N | 3 | 21 | 41 | 117 | .2 | 34 | 15 | 289 | 3.26 | 44 | 6 | ND | 16 | 13 | .6 | 3 | 4 | 16 | .10 | .046 | 22 | 14 | .66 | 68 | .01 | 2 | 1.87 | .01 | .08 | 1 | 10 |
| 16400E 19250N | 4 | 42 | 31 | 120 | .1 | 25 | 10 | 261 | 5.02 | 134 | 5 | ND | 9 | 12 | .3 | 3 | 2 | 34 | .02 | .089 | 28 | 27 | .46 | 87 | .01 | 4 | 1.99 | .01 | .08 | 1 | 5 |
| 16400E 19300N | 3 | 41 | 38 | 161 | .2 | 36 | 18 | 380 | 4.94 | 191 | 5 | ND | 9 | 15 | .9 | 2 | 6 | 31 | .04 | .076 | 28 | 25 | .45 | 206 | .01 | 2 | 1.94 | .01 | .09 | 1 | 20 |
| 16400E 19350N | 4 | 51 | 20 | 166 | .3 | 44 | 16 | 310 | 6.00 | 58 | 5 | ND | 8 | 12 | .6 | 2 | 2 | 44 | .02 | .097 | 32 | 32 | .65 | 107 | .02 | 2 | 2.63 | .01 | .12 | 1 | 20 |
| 16400E 19400N | 3 | 64 | 23 | 231 | .1 | 55 | 29 | 411 | 6.68 | 66 | 5 | ND | 9 | 19 | 1.2 | 2 | 5 | 53 | .04 | .078 | 29 | 36 | .83 | 179 | .03 | 2 | 3.39 | .01 | .23 | 1 | 10 |
| 16400E 19450N | 3 | 52 | 19 | 144 | .2 | 33 | 16 | 461 | 6.56 | 69 | 5 | ND | 5 | 15 | .3 | 3 | 2 | 50 | .04 | .085 | 17 | 30 | .59 | 137 | .04 | 2 | 3.05 | .01 | .20 | 1 | 30 |
| 16400E 19500N | 2 | 22 | 6 | 99 | .1 | 23 | 10 | 539 | 3.04 | 57 | 5 | ND | 1 | 18 | .6 | 2 | 3 | 37 | .07 | .073 | 10 | 20 | .25 | 123 | .03 | 4 | 1.45 | .02 | .11 | 1 | 50 |
| 16400E 19550N | 3 | 83 | 24 | 188 | .1 | 51 | 25 | 432 | 9.37 | 157 | 5 | ND | 5 | 17 | .3 | 2 | 2 | 59 | .02 | .113 | 14 | 38 | .64 | 169 | .04 | 2 | 3.59 | .01 | .23 | 1 | 30 |
| 16400E 19600N | 4 | 62 | 22 | 112 | .2 | 34 | 9 | 164 | 7.57 | 145 | 5 | ND | 9 | 17 | .6 | 4 | 2 | 61 | .01 | .110 | 24 | 41 | .48 | 163 | .03 | 3 | 3.35 | .01 | .24 | 1 | 40 |
| 16400E 19650N | 4 | 79 | 28 | 273 | .2 | 74 | 33 | 481 | 9.46 | 516 | 5 | ND | 6 | 12 | 1.3 | 19 | 2 | 65 | .03 | .155 | 17 | 35 | .37 | 82 | .03 | 2 | 2.14 | .01 | .08 | 1 | 20 |
| 16400E 19700N | 3 | 46 | 37 | 283 | .2 | 48 | 18 | 887 | 5.29 | 712 | 5 | ND | 2 | 10 | 2.3 | 16 | 3 | 43 | .04 | .092 | 16 | 30 | .41 | 107 | .02 | 5 | 1.81 | .01 | .08 | 1 | 20 |
| 16400E 19850N | 2 | 43 | 44 | 59 | .4 | 34 | 6 | 110 | 4.26 | 1406 | 5 | ND | 5 | 26 | .4 | 5 | 2 | 27 | .02 | .067 | 16 | 23 | .37 | 107 | .04 | 2 | 1.63 | .01 | .14 | 4 | 10 |
| 16400E 19900N | 2 | 25 | 38 | 47 | .1 | 20 | 7 | 94 | 3.29 | 1252 | 5 | ND | 6 | 16 | .2 | 4 | 3 | 13 | .01 | .045 | 13 | 9 | .18 | 43 | .01 | 6 | 1.06 | .01 | .05 | 3 | 10 |
| 16400E 19950N | 1 | 21 | 21 | 31 | .2 | 14 | 3 | 71 | 2.48 | 827 | 5 | ND | 3 | 17 | .2 | 2 | 7 | 13 | .01 | .042 | 10 | 10 | .18 | 57 | .01 | 2 | 1.01 | .01 | .06 | 3 | 20 |
| 16600E 19200N | 3 | 16 | 14 | 56 | .4 | 19 | 4 | 80 | 2.04 | 107 | 5 | ND | 1 | 21 | .2 | 2 | 4 | 24 | .21 | .077 | 9 | 13 | .19 | 71 | .02 | 4 | 1.39 | .02 | .05 | 1 | 20 |
| 16600E 19250N | 3 | 30 | 11 | 81 | .2 | 16 | 7 | 122 | 4.26 | 81 | 5 | ND | 1 | 11 | .2 | 3 | 2 | 45 | .04 | .086 | 21 | 24 | .34 | 82 | .02 | 3 | 2.18 | .01 | .07 | 1 | 50 |
| 16600E 19300N | 4 | 31 | 17 | 92 | .3 | 18 | 7 | 147 | 3.98 | 60 | 5 | ND | 1 | 9 | .2 | 2 | 2 | 43 | .02 | .097 | 20 | 25 | .32 | 70 | .02 | 3 | 1.99 | .01 | .07 | 1 | 10 |
| 16600E 19350N | 4 | 50 | 29 | 152 | .1 | 39 | 13 | 303 | 5.80 | 104 | 5 | ND | 4 | 14 | .5 | 2 | 2 | 48 | .02 | .085 | 26 | 36 | .71 | 123 | .04 | 2 | 3.11 | .01 | .19 | 1 | 10 |
| 16600E 19400N | 4 | 36 | 33 | 141 | .3 | 37 | 11 | 249 | 5.29 | 284 | 5 | ND | 5 | 12 | .4 | 4 | 2 | 54 | .03 | .068 | 25 | 40 | .73 | 155 | .04 | 3 | 2.92 | .01 | .20 | 1 | 20 |
| 16600E 19450N | 1 | 14 | 6 | 52 | .2 | 10 | 4 | 88 | 1.86 | 36 | 5 | ND | 1 | 10 | 1.0 | 2 | 5 | 28 | .07 | .066 | 9 | 11 | .10 | 48 | .02 | 2 | .89 | .02 | .04 | 1 | 30 |
| 16600E 19500N | 2 | 21 | 28 | 62 | .4 | 14 | 5 | 132 | 2.21 | 100 | 5 | ND | 1 | 11 | .8 | 2 | 9 | 29 | .09 | .071 | 9 | 16 | .20 | 56 | .03 | 2 | 1.25 | .02 | .06 | 1 | 30 |
| 16600E 19550N | 1 | 16 | 8 | 72 | .1 | 18 | 9 | 234 | 1.73 | 34 | 5 | ND | 1 | 12 | .6 | 2 | 5 | 24 | .12 | .057 | 6 | 11 | .15 | 49 | .03 | 5 | 1.17 | .03 | .05 | 1 | 10 |
| 16600E 19600N | 4 | 75 | 28 | 158 | .1 | 48 | 16 | 331 | 8.52 | 279 | 5 | ND | 7 | 13 | 1.0 | 2 | 2 | 61 | .01 | .126 | 19 | 38 | .55 | 129 | .02 | 2 | 3.03 | .01 | .19 | 1 | 20 |
| 16600E 19650N | 4 | 60 | 31 | 142 | .3 | 38 | 67 | 1379 | 6.10 | 219 | 5 | ND | 4 | 13 | .7 | 3 | 2 | 56 | .04 | .090 | 16 | 30 | .43 | 138 | .02 | 2 | 2.43 | .01 | .14 | 1 | 10 |
| 16600E 19700N | 4 | 55 | 235 | 153 | 2.2 | 28 | 9 | 154 | 7.37 | 2389 | 5 | ND | 8 | 16 | .8 | 29 | 4 | 39 | .02 | .126 | 18 | 30 | .39 | 128 | .02 | 2 | 1.96 | .01 | .16 | 2 | 30 |
| 16600E 19750N | 5 | 30 | 2091 | 77 | 9.9 | 23 | 6 | 146 | 4.80 | 3754 | 5 | ND | 5 | 22 | .3 | 27 | 2 | 27 | .03 | .094 | 20 | 21 | .22 | 120 | .01 | 2 | 1.36 | .01 | .11 | 2 | 30 |
| STANDARD C | 19 | 58 | 41 | 131 | 7.0 | 72 | 32 | 1054 | 3.98 | 40 | 20 | 7 | 38 | 53 | 18.4 | 15 | 22 | 56 | .60 | .097 | 38 | 57 | .90 | 181 | .07 | 38 | 1.89 | .06 | .14 | 13 | 1400 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16600E 19850N | 3 | 45 | 37 | 96 | .3 | 25 | 4 | 157 | 3.28 | 544 | 5 | ND | 1 | 20 | .2 | 2 | 2 | 34 | .10 | .113 | 16 | 22 | .36 | 76 | .03 | 2 | 1.45 | .02 | .10 | 2 | 80 |
| 16600E 19950N | 2 | 52 | 18 | 143 | .1 | 78 | 30 | 766 | 5.43 | 634 | 5 | ND | 2 | 20 | 1.2 | 2 | 4 | 55 | .04 | .099 | 16 | 42 | .46 | 154 | .06 | 2 | 2.42 | .01 | .22 | 2 | 20 |
| 16600E 20000N | 3 | 62 | 9 | 63 | .1 | 34 | 12 | 228 | 5.52 | 1348 | 5 | ND | 6 | 33 | 1.0 | 2 | 2 | 48 | .04 | .103 | 19 | 34 | .45 | 183 | .05 | 2 | 1.62 | .01 | .20 | 1 | 20 |
| 16600E 20050N | 1 | 60 | 15 | 67 | .1 | 36 | 6 | 161 | 5.22 | 1307 | 5 | ND | 5 | 29 | .2 | 2 | 2 | 56 | .02 | .089 | 19 | 44 | .64 | 206 | .08 | 2 | 2.17 | .01 | .31 | 1 | 10 |
| 16600E 20100N | 3 | 72 | 22 | 86 | .1 | 46 | 6 | 150 | 6.58 | 1028 | 5 | ND | 4 | 33 | 1.3 | 2 | 2 | 50 | .03 | .129 | 22 | 37 | .46 | 127 | .06 | 2 | 2.10 | .01 | .44 | 1 | 20 |
| 16800E 19300N | 3 | 97 | 44 | 295 | .1 | 88 | 25 | 524 | 10.66 | 279 | 5 | ND | 9 | 9 | 3.8 | 6 | 3 | 64 | .02 | .152 | 31 | 50 | .73 | 148 | .03 | 2 | 3.10 | .01 | .15 | 1 | 20 |
| 16800E 19350N | 3 | 82 | 26 | 170 | .2 | 31 | 10 | 275 | 8.81 | 62 | 5 | ND | 3 | 6 | 2.2 | 10 | 6 | 52 | .03 | .135 | 18 | 27 | .26 | 41 | .03 | 2 | 1.54 | .02 | .05 | 1 | 10 |
| 16800E 19400N | 1 | 9 | 13 | 16 | .1 | 1 | 1 | 42 | .92 | 13 | 5 | ND | 1 | 8 | .2 | 2 | 3 | 16 | .04 | .046 | 4 | 2 | .03 | 25 | .02 | 2 | .68 | .03 | .02 | 1 | 20 |
| 16800E 19450N | 1 | 36 | 16 | 73 | .1 | 22 | 9 | 185 | 2.91 | 27 | 5 | ND | 1 | 9 | .2 | 2 | 3 | 31 | .05 | .085 | 11 | 19 | .27 | 46 | .02 | 2 | 1.46 | .02 | .06 | 2 | 30 |
| 16800E 19500N | 2 | 67 | 20 | 100 | .1 | 31 | 7 | 181 | 4.81 | 94 | 5 | ND | 1 | 10 | .2 | 2 | 2 | 46 | .04 | .103 | 20 | 30 | .43 | 76 | .02 | 2 | 2.28 | .02 | .08 | 1 | 40 |
| 16800E 19550N | 3 | 45 | 39 | 113 | .1 | 27 | 7 | 203 | 5.29 | 244 | 5 | ND | 1 | 11 | .4 | 5 | 2 | 39 | .02 | .099 | 18 | 25 | .46 | 78 | .03 | 2 | 2.07 | .01 | .12 | 2 | 50 |
| 16800E 19600N | 10 | 35 | 149 | 77 | 1.2 | 22 | 8 | 217 | 4.71 | 1820 | 5 | ND | 6 | 17 | .2 | 14 | 2 | 35 | .03 | .088 | 19 | 27 | .37 | 134 | .01 | 3 | 1.52 | .01 | .13 | 1 | 20 |
| 16800E 19650N | 6 | 38 | 166 | 90 | 1.4 | 24 | 9 | 301 | 4.83 | 1247 | 5 | ND | 1 | 14 | .2 | 11 | 2 | 40 | .03 | .086 | 16 | 28 | .38 | 114 | .02 | 2 | 1.82 | .01 | .10 | 1 | 20 |
| 16800E 19700N | 1 | 51 | 24 | 136 | .1 | 82 | 31 | 763 | 5.45 | 742 | 5 | ND | 5 | 23 | .7 | 2 | 2 | 62 | .05 | .080 | 18 | 52 | .62 | 209 | .08 | 2 | 2.70 | .01 | .34 | 3 | 5 |
| 16800E 19750N | 1 | 48 | 16 | 108 | .1 | 65 | 20 | 503 | 5.03 | 889 | 5 | ND | 2 | 22 | .2 | 2 | 2 | 56 | .03 | .071 | 15 | 47 | .55 | 173 | .06 | 2 | 2.53 | .01 | .26 | 2 | 10 |
| 16800E 19850N | 3 | 61 | 18 | 131 | .1 | 76 | 25 | 666 | 6.12 | 1218 | 5 | ND | 3 | 26 | .9 | 2 | 2 | 58 | .05 | .096 | 15 | 42 | .55 | 165 | .06 | 2 | 2.61 | .01 | .23 | 6 | 20 |
| 16800E 19900N | 2 | 61 | 20 | 143 | .1 | 83 | 25 | 641 | 6.41 | 1309 | 5 | ND | 5 | 25 | 1.1 | 2 | 4 | 61 | .04 | .098 | 16 | 46 | .58 | 170 | .06 | 4 | 2.80 | .01 | .25 | 5 | 10 |
| 16800E 19950N | 1 | 29 | 5 | 63 | .1 | 31 | 6 | 197 | 2.66 | 491 | 5 | ND | 1 | 14 | .2 | 2 | 4 | 33 | .05 | .062 | 8 | 19 | .23 | 68 | .03 | 2 | 1.57 | .02 | .09 | 3 | 30 |
| 16800E 20000N | 2 | 43 | 18 | 79 | .1 | 38 | 18 | 385 | 3.10 | 574 | 5 | ND | 2 | 13 | .2 | 2 | 3 | 35 | .09 | .090 | 12 | 24 | .32 | 90 | .05 | 2 | 1.65 | .02 | .12 | 9 | 10 |
| 16800E 20050N | 1 | 34 | 16 | 87 | .1 | 32 | 15 | 466 | 2.92 | 727 | 5 | ND | 1 | 15 | .2 | 2 | 2 | 35 | .08 | .080 | 8 | 24 | .26 | 94 | .04 | 2 | 1.75 | .02 | .12 | 4 | 30 |
| 16800E 20100N | 2 | 59 | 26 | 118 | .1 | 71 | 24 | 592 | 5.13 | 927 | 5 | ND | 2 | 17 | .4 | 2 | 2 | 55 | .03 | .078 | 13 | 41 | .48 | 139 | .05 | 2 | 2.42 | .01 | .20 | 4 | 20 |
| 16800E 20150N | 1 | 19 | 7 | 58 | .1 | 23 | 10 | 293 | 1.86 | 48 | 5 | ND | 1 | 18 | .2 | 2 | 4 | 29 | .14 | .055 | 8 | 13 | .22 | 69 | .04 | 2 | 1.37 | .03 | .05 | 15 | 20 |
| 16800E 20200N | 1 | 25 | 11 | 83 | .1 | 34 | 8 | 237 | 2.31 | 38 | 9 | ND | 1 | 26 | .2 | 2 | 2 | 33 | .13 | .058 | 11 | 18 | .35 | 113 | .04 | 2 | 1.85 | .02 | .10 | 17 | 40 |
| 16800E 20250N | 1 | 12 | 13 | 79 | .1 | 12 | 12 | 443 | 2.87 | 9 | 5 | ND | 16 | 89 | .2 | 2 | 2 | 42 | .54 | .091 | 33 | 31 | .92 | 209 | .13 | 2 | 2.82 | .05 | .25 | 108 | 20 |
| 16800E 20300N | 1 | 7 | 12 | 70 | .1 | 13 | 13 | 553 | 3.29 | 10 | 5 | ND | 11 | 88 | .2 | 3 | 4 | 43 | .76 | .074 | 32 | 30 | 1.03 | 158 | .12 | 2 | 2.73 | .04 | .21 | 53 | 10 |
| 16800E 20350N | 1 | 8 | 13 | 81 | .1 | 12 | 13 | 606 | 3.56 | 9 | 5 | ND | 9 | 92 | .2 | 3 | 3 | 56 | .47 | .056 | 35 | 36 | 1.17 | 210 | .16 | 2 | 3.42 | .04 | .33 | 37 | 30 |
| 16800E 20400N | 1 | 9 | 13 | 83 | .1 | 12 | 12 | 531 | 3.46 | 7 | 5 | ND | 5 | 111 | .2 | 2 | 2 | 59 | .40 | .055 | 21 | 34 | 1.17 | 219 | .13 | 4 | 3.83 | .03 | .20 | 49 | 10 |
| 16800E 20450N | 1 | 11 | 22 | 71 | .1 | 12 | 14 | 587 | 3.51 | 6 | 5 | ND | 12 | 146 | .5 | 3 | 2 | 56 | .87 | .062 | 34 | 34 | 1.18 | 208 | .17 | 2 | 3.69 | .06 | .44 | 12 | 20 |
| 17000E 19300N | 2 | 73 | 30 | 183 | .1 | 53 | 17 | 309 | 7.38 | 63 | 5 | ND | 3 | 12 | 1.3 | 3 | 2 | 48 | .04 | .118 | 26 | 28 | .27 | 73 | .03 | 2 | 1.41 | .01 | .06 | 1 | 30 |
| 17000E 19350N | 2 | 102 | 19 | 214 | .1 | 65 | 18 | 258 | 9.84 | 44 | 5 | ND | 10 | 7 | 2.9 | 4 | 2 | 57 | .01 | .124 | 27 | 30 | .11 | 49 | .01 | 2 | 1.15 | .01 | .05 | 1 | 10 |
| 17000E 19400N | 1 | 63 | 18 | 120 | .1 | 44 | 12 | 202 | 6.93 | 71 | 5 | ND | 9 | 20 | .5 | 3 | 2 | 47 | .04 | .110 | 29 | 33 | .32 | 99 | .03 | 2 | 1.64 | .01 | .11 | 1 | 40 |
| 17000E 19450N | 2 | 97 | 20 | 224 | .1 | 81 | 27 | 326 | 8.63 | 44 | 5 | ND | 9 | 8 | 1.8 | 4 | 2 | 61 | .01 | .121 | 28 | 34 | .11 | 45 | .01 | 2 | 1.15 | .01 | .05 | 1 | 30 |
| 17000E 19500N | 1 | 129 | 26 | 193 | .3 | 56 | 26 | 470 | 11.33 | 86 | 5 | ND | 11 | 22 | 3.1 | 9 | 2 | 60 | .03 | .188 | 31 | 49 | .72 | 118 | .03 | 2 | 2.59 | .01 | .17 | 1 | 30 |
| 17000E 19550N | 1 | 83 | 11 | 186 | .3 | 53 | 21 | 369 | 8.27 | 54 | 5 | ND | 6 | 13 | 2.0 | 5 | 5 | 49 | .03 | .150 | 19 | 26 | .23 | 58 | .02 | 4 | 1.36 | .02 | .05 | 1 | 10 |
| 17000E 19600N | 4 | 128 | 14 | 197 | .5 | 42 | 11 | 262 | 13.51 | 119 | 5 | ND | 7 | 13 | 3.8 | 11 | 7 | 76 | .01 | .230 | 16 | 49 | .49 | 92 | .03 | 4 | 2.26 | .01 | .14 | 1 | 60 |
| 17000E 19650N | 3 | 100 | 23 | 204 | .4 | 48 | 19 | 381 | 11.77 | 177 | 5 | ND | 9 | 12 | 4.3 | 7 | 2 | 66 | .01 | .195 | 23 | 49 | .38 | 79 | .02 | 2 | 2.02 | .01 | .11 | 1 | 30 |
| STANDARD C | 19 | 60 | 41 | 133 | 7.0 | 73 | 31 | 1054 | 3.97 | 39 | 20 | 7 | 36 | 53 | 18.6 | 15 | 21 | 55 | .52 | .094 | 38 | 61 | .89 | 180 | .07 | 37 | 1.89 | .06 | .14 | 11 | 1500 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17000E 19750N | 5 | 111 | 24 | 266 | .1 | 70 | 24 | 355 | 12.38 | 169 | 5 | ND | 12 | 11 | .2 | 9 | 3 | 64 | .01 | .166 | 27 | 39 | .38 | 59 | .01 | 7 | 1.67 | .01 | .08 | 1 | 20 |
| 17000E 19850N | 5 | 87 | 25 | 207 | .2 | 49 | 17 | 178 | 8.82 | 63 | 5 | ND | 12 | 6 | .2 | 8 | 2 | 54 | .01 | .121 | 27 | 32 | .26 | 52 | .02 | 4 | 1.48 | .01 | .07 | 1 | 10 |
| 17000E 20000N | 4 | 45 | 46 | 90 | .4 | 19 | 7 | 150 | 5.87 | 844 | 8 | ND | 4 | 19 | .2 | 5 | 2 | 22 | .02 | .092 | 9 | 13 | .32 | 80 | .01 | 7 | 1.71 | .01 | .07 | 1 | 20 |
| 17000E 20050N | 4 | 55 | 44 | 76 | .2 | 15 | 7 | 187 | 6.08 | 672 | 9 | ND | 2 | 16 | .2 | 2 | 6 | 22 | .02 | .115 | 8 | 12 | .26 | 60 | .01 | 3 | 1.39 | .01 | .05 | 1 | 30 |
| 17000E 20100N | 2 | 28 | 30 | 50 | .4 | 11 | 5 | 130 | 3.32 | 410 | 5 | ND | 2 | 12 | .2 | 3 | 2 | 14 | .03 | .071 | 7 | 8 | .20 | 54 | .01 | 3 | 1.34 | .02 | .04 | 2 | 10 |
| 17000E 20200N | 4 | 52 | 14 | 68 | .3 | 32 | 9 | 204 | 6.32 | 2326 | 5 | ND | 7 | 32 | .2 | 2 | 2 | 53 | .02 | .103 | 16 | 38 | .63 | 189 | .04 | 5 | 2.30 | .02 | .24 | 2 | 5 |
| 17000E 20250N | 4 | 46 | 16 | 67 | .4 | 25 | 11 | 247 | 6.83 | 1912 | 5 | ND | 7 | 29 | .2 | 2 | 2 | 51 | .02 | .103 | 15 | 41 | .64 | 191 | .04 | 4 | 2.21 | .02 | .26 | 1 | 10 |
| 17000E 20300N | 3 | 52 | 38 | 120 | .2 | 44 | 14 | 363 | 6.64 | 1377 | 5 | ND | 2 | 14 | .2 | 2 | 2 | 39 | .06 | .086 | 13 | 28 | .42 | 94 | .03 | 7 | 1.67 | .02 | .13 | 3 | 20 |
| BL 19700N 14250E | 3 | 19 | 18 | 46 | .4 | 8 | 4 | 66 | 3.67 | 266 | 5 | ND | 3 | 6 | .2 | 5 | 2 | 55 | .02 | .042 | 19 | 11 | .12 | 57 | .03 | 4 | 1.03 | .01 | .05 | 1 | 10 |
| BL 19700N 14300E | 3 | 18 | 12 | 48 | .2 | 5 | 5 | 57 | 4.32 | 136 | 5 | ND | 1 | 7 | .2 | 4 | 2 | 52 | .01 | .057 | 15 | 11 | .12 | 50 | .03 | 2 | 1.05 | .02 | .04 | 1 | 10 |
| BL 19700N 14350E | 1 | 15 | 5 | 33 | .2 | 4 | 2 | 74 | 2.25 | 36 | 5 | ND | 1 | 7 | .4 | 2 | 3 | 23 | .03 | .053 | 6 | 7 | .07 | 35 | .02 | 2 | .93 | .03 | .03 | 1 | 40 |
| STANDARD C | 19 | 59 | 41 | 131 | 7.2 | 72 | 32 | 1054 | 3.97 | 40 | 19 | 7 | 37 | 53 | 18.3 | 15 | 17 | 55 | .60 | .097 | 37 | 56 | .90 | 181 | .07 | 40 | 1.89 | .06 | .14 | 13 | 1600 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BL19700N 14400E | 3 | 21 | 7 | 50 | .1 | 12 | 4 | 103 | 3.70 | 69 | 5 | ND | 1 | 7 | .3 | 2 | 2 | 37 | .04 | .058 | 16 | 11 | .14 | 57 | .02 | 5 | 1.19 | .02 | .04 | 1 | 40 |
| BL19700N 14450E | 5 | 53 | 14 | 151 | .1 | 39 | 9 | 124 | 7.05 | 98 | 5 | ND | 10 | 11 | .2 | 6 | 2 | 41 | .02 | .105 | 30 | 22 | .57 | 157 | .02 | 3 | 2.83 | .01 | .14 | 1 | 20 |
| BL19700N 14500E | 5 | 62 | 21 | 159 | .1 | 54 | 12 | 182 | 8.51 | 122 | 6 | ND | 9 | 18 | .8 | 5 | 2 | 40 | .02 | .126 | 25 | 22 | .55 | 221 | .03 | 3 | 3.10 | .01 | .15 | 1 | 20 |
| BL19700N 14550E | 8 | 74 | 30 | 129 | .2 | 52 | 11 | 138 | 10.69 | 171 | 5 | ND | 11 | 21 | .3 | 4 | 2 | 30 | .01 | .171 | 22 | 17 | .46 | 210 | .01 | 3 | 3.09 | .01 | .12 | 1 | 20 |
| BL19700N 14600E | 6 | 66 | 30 | 170 | .1 | 49 | 13 | 236 | 8.81 | 104 | 5 | ND | 8 | 40 | .2 | 3 | 2 | 50 | .03 | .146 | 23 | 26 | .63 | 244 | .03 | 3 | 3.31 | .01 | .19 | 1 | 30 |
| BL19700N 14650E | 4 | 54 | 23 | 142 | .5 | 32 | 10 | 156 | 6.51 | 74 | 5 | ND | 4 | 12 | .4 | 2 | 2 | 32 | .03 | .150 | 25 | 18 | .41 | 140 | .01 | 5 | 2.66 | .01 | .11 | 1 | 50 |
| BL19700N 14700E | 3 | 61 | 22 | 122 | .2 | 30 | 21 | 423 | 7.89 | 99 | 5 | ND | 7 | 13 | .8 | 4 | 3 | 41 | .04 | .093 | 18 | 27 | .55 | 126 | .02 | 4 | 2.90 | .01 | .16 | 1 | 20 |
| BL19700N 14750E | 1 | 25 | 4 | 56 | .2 | 16 | 8 | 95 | 2.28 | 23 | 5 | ND | 1 | 9 | .2 | 2 | 2 | 15 | .03 | .061 | 6 | 7 | .13 | 81 | .02 | 3 | 1.20 | .03 | .05 | 1 | 20 |
| BL19700N 14800E | 5 | 80 | 19 | 153 | .2 | 36 | 12 | 132 | 10.04 | 124 | 5 | ND | 9 | 17 | 1.2 | 3 | 4 | 45 | .01 | .153 | 20 | 26 | .56 | 150 | .01 | 3 | 3.39 | .01 | .17 | 2 | 10 |
| BL19700N 14850E | 4 | 71 | 10 | 137 | .1 | 36 | 11 | 130 | 8.92 | 102 | 5 | ND | 6 | 20 | .6 | 2 | 2 | 36 | .03 | .139 | 16 | 19 | .45 | 147 | .02 | 2 | 2.91 | .02 | .12 | 1 | 10 |
| BL19700N 14900E | 4 | 71 | 19 | 148 | .2 | 78 | 10 | 163 | 10.48 | 89 | 13 | ND | 10 | 33 | 1.3 | 3 | 2 | 35 | .01 | .154 | 21 | 20 | .66 | 228 | .02 | 2 | 3.98 | .01 | .20 | 1 | 30 |
| BL19700N 14950E | 5 | 71 | 28 | 109 | .2 | 22 | 9 | 75 | 7.00 | 284 | 5 | ND | 18 | 9 | .7 | 6 | 6 | 23 | .01 | .117 | 19 | 13 | .42 | 115 | .01 | 2 | 2.33 | .01 | .09 | 1 | 10 |
| BL19700N 15000E | 4 | 74 | 20 | 125 | .1 | 30 | 12 | 94 | 7.95 | 309 | 6 | ND | 17 | 13 | .7 | 6 | 6 | 24 | .01 | .130 | 21 | 12 | .35 | 105 | .01 | 2 | 2.21 | .01 | .09 | 1 | 20 |
| BL19700N 15050E | 2 | 52 | 33 | 127 | .2 | 29 | 17 | 151 | 5.68 | 318 | 5 | ND | 14 | 15 | .2 | 7 | 6 | 22 | .04 | .100 | 17 | 10 | .35 | 98 | .01 | 5 | 2.13 | .02 | .07 | 1 | 10 |
| BL19700N 15100E | 2 | 68 | 28 | 177 | .1 | 41 | 24 | 240 | 7.45 | 328 | 7 | ND | 17 | 13 | .4 | 5 | 3 | 34 | .02 | .120 | 23 | 21 | .63 | 180 | .01 | 5 | 3.13 | .01 | .16 | 1 | 30 |
| BL19700N 15150E | 2 | 74 | 23 | 184 | .1 | 50 | 32 | 376 | 8.58 | 150 | 5 | ND | 10 | 17 | .2 | 2 | 2 | 43 | .04 | .119 | 28 | 26 | .74 | 384 | .02 | 4 | 3.63 | .01 | .19 | 1 | 30 |
| BL19700N 15200E | 1 | 53 | 21 | 138 | .1 | 39 | 28 | 593 | 6.56 | 86 | 5 | ND | 6 | 15 | 1.0 | 2 | 2 | 35 | .05 | .086 | 24 | 21 | .66 | 202 | .02 | 4 | 3.39 | .01 | .14 | 1 | 40 |
| BL19700N 15250E | 1 | 28 | 4 | 80 | .1 | 35 | 17 | 531 | 3.54 | 34 | 5 | ND | 3 | 13 | .2 | 2 | 5 | 26 | .07 | .070 | 16 | 15 | .33 | 247 | .03 | 2 | 2.50 | .03 | .13 | 1 | 10 |
| BL19700N 15300E | 3 | 90 | 7 | 124 | .1 | 27 | 13 | 143 | 12.33 | 164 | 5 | ND | 8 | 11 | .7 | 5 | 2 | 55 | .01 | .154 | 16 | 35 | .67 | 188 | .02 | 3 | 3.78 | .01 | .24 | 1 | 20 |
| BL19700N 15350E | 2 | 76 | 12 | 130 | .1 | 37 | 18 | 383 | 8.73 | 98 | 5 | ND | 5 | 12 | 1.3 | 2 | 2 | 53 | .03 | .122 | 19 | 28 | .69 | 152 | .04 | 2 | 3.35 | .02 | .18 | 1 | 30 |
| BL19700N 15400E | 3 | 108 | 8 | 152 | .3 | 46 | 16 | 238 | 12.02 | 200 | 5 | ND | 7 | 18 | 1.0 | 2 | 2 | 57 | .02 | .175 | 19 | 35 | .65 | 150 | .02 | 2 | 3.88 | .01 | .21 | 1 | 50 |
| BL19700N 15450E | 3 | 88 | 13 | 123 | .1 | 41 | 12 | 151 | 10.14 | 147 | 5 | ND | 7 | 11 | 1.0 | 3 | 4 | 61 | .01 | .135 | 17 | 36 | .62 | 206 | .04 | 3 | 3.49 | .01 | .26 | 1 | 10 |
| BL19700N 15500E | 4 | 64 | 16 | 126 | .1 | 58 | 8 | 122 | 8.22 | 212 | 5 | ND | 8 | 13 | .7 | 6 | 2 | 74 | .01 | .115 | 22 | 45 | .78 | 259 | .04 | 4 | 3.97 | .01 | .39 | 1 | 20 |
| BL19700N 15550E | 8 | 74 | 28 | 77 | .3 | 11 | 6 | 137 | 5.68 | 145 | 5 | ND | 8 | 7 | .2 | 5 | 2 | 66 | .01 | .083 | 22 | 47 | .74 | 288 | .03 | 5 | 3.50 | .01 | .36 | 1 | 20 |
| BL19700N 15600E | 3 | 70 | 16 | 138 | .2 | 44 | 13 | 183 | 8.31 | 156 | 8 | ND | 6 | 14 | 1.1 | 3 | 2 | 69 | .03 | .096 | 17 | 39 | .71 | 164 | .05 | 2 | 3.03 | .01 | .18 | 1 | 40 |
| BL19700N 15650E | 4 | 91 | 16 | 127 | .2 | 35 | 11 | 120 | 10.71 | 278 | 5 | ND | 7 | 10 | .9 | 4 | 2 | 77 | .01 | .147 | 18 | 46 | .66 | 170 | .05 | 2 | 3.15 | .01 | .26 | 1 | 20 |
| BL19700N 15700E | 4 | 32 | 31 | 86 | .1 | 19 | 8 | 137 | 3.94 | 82 | 5 | ND | 16 | 5 | .2 | 4 | 6 | 15 | .03 | .047 | 14 | 10 | .47 | 60 | .01 | 2 | 2.46 | .01 | .07 | 1 | 20 |
| BL19700N 15750E | 3 | 51 | 20 | 144 | .2 | 43 | 13 | 245 | 6.81 | 97 | 5 | ND | 4 | 9 | .2 | 3 | 2 | 52 | .04 | .086 | 21 | 30 | .51 | 154 | .04 | 5 | 2.74 | .01 | .12 | 1 | 40 |
| BL19700N 15800E | 1 | 19 | 78 | 59 | .1 | 10 | 6 | 119 | 2.49 | 307 | 5 | ND | 8 | 5 | .2 | 3 | 16 | 14 | .03 | .056 | 16 | 9 | .39 | 41 | .01 | 3 | 1.71 | .01 | .06 | 1 | 30 |
| BL19700N 15850E | 2 | 17 | 8 | 59 | .1 | 15 | 5 | 135 | 2.09 | 23 | 5 | ND | 1 | 6 | .2 | 2 | 2 | 26 | .03 | .085 | 9 | 13 | .13 | 45 | .02 | 5 | 1.07 | .02 | .05 | 1 | 70 |
| BL19700N 15900E | 4 | 46 | 14 | 104 | .2 | 23 | 9 | 133 | 5.76 | 171 | 5 | ND | 4 | 9 | .3 | 7 | 2 | 53 | .04 | .094 | 19 | 31 | .44 | 108 | .04 | 3 | 1.97 | .01 | .13 | 1 | 10 |
| BL19700N 15950E | 5 | 54 | 28 | 104 | .2 | 23 | 8 | 103 | 7.25 | 221 | 5 | ND | 2 | 7 | .2 | 8 | 2 | 59 | .01 | .120 | 17 | 33 | .38 | 113 | .03 | 3 | 2.06 | .01 | .12 | 1 | 50 |
| BL19700N 16000E | 2 | 47 | 25 | 109 | .1 | 31 | 11 | 155 | 6.63 | 149 | 5 | ND | 7 | 6 | 1.0 | 5 | 2 | 66 | .02 | .110 | 23 | 46 | .62 | 129 | .03 | 2 | 2.61 | .01 | .18 | 1 | 40 |
| BL19800N 16050E | 2 | 12 | 3 | 47 | .1 | 11 | 3 | 67 | 1.91 | 157 | 5 | ND | 1 | 7 | .4 | 2 | 2 | 46 | .02 | .082 | 12 | 22 | .16 | 77 | .03 | 5 | .74 | .01 | .08 | 1 | 50 |
| BL19800N 16100E | 2 | 43 | 9 | 118 | .3 | 51 | 20 | 352 | 5.05 | 1027 | 5 | ND | 5 | 42 | 1.1 | 2 | 2 | 49 | .05 | .088 | 17 | 38 | .56 | 181 | .07 | 5 | 2.13 | .01 | .20 | 2 | 20 |
| BL19800N 16150E | 3 | 65 | 25 | 109 | .4 | 57 | 14 | 276 | 5.91 | 1353 | 9 | ND | 7 | 35 | .6 | 2 | 2 | 46 | .06 | .118 | 22 | 33 | .57 | 166 | .05 | 3 | 2.17 | .01 | .16 | 3 | 40 |
| STANDARD C | 18 | 58 | 40 | 131 | 6.9 | 72 | 31 | 1049 | 3.95 | 40 | 18 | 7 | 36 | 52 | 18.8 | 15 | 22 | 55 | .51 | .095 | 37 | 57 | .91 | 180 | .07 | 39 | 1.86 | .06 | .14 | 13 | 1300 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BL19800N 16200E | 5 | 80 | 10 | 80 | .1 | 31 | 10 | 167 | 8.99 | 1596 | 5 | ND | 12 | 35 | .7 | 2 | 2 | 33 | .04 | .196 | 23 | 22 | .39 | 100 | .03 | 3 | 1.60 | .01 | .07 | 2 | 30 |
| BL19800N 16250E | 5 | 51 | 28 | 108 | .1 | 28 | 12 | 199 | 5.73 | 477 | 5 | ND | 15 | 20 | .2 | 2 | 2 | 42 | .02 | .105 | 33 | 33 | .52 | 144 | .01 | 2 | 1.98 | .01 | .14 | 1 | 10 |
| BL19800N 16300E | 4 | 43 | 14 | 90 | .1 | 26 | 10 | 190 | 6.01 | 859 | 5 | ND | 2 | 18 | .6 | 3 | 2 | 45 | .04 | .100 | 22 | 25 | .29 | 86 | .02 | 3 | 1.55 | .01 | .05 | 2 | 20 |
| BL19800N 16350E | 4 | 62 | 26 | 82 | .2 | 40 | 10 | 158 | 7.10 | 1286 | 5 | ND | 5 | 28 | .6 | 4 | 6 | 28 | .02 | .118 | 24 | 19 | .34 | 89 | .02 | 2 | 1.61 | .01 | .08 | 4 | 10 |
| BL19800N 16400E | 4 | 88 | 12 | 113 | .1 | 51 | 16 | 292 | 7.13 | 1385 | 16 | ND | 2 | 29 | .5 | 2 | 7 | 36 | .05 | .150 | 24 | 25 | .47 | 106 | .04 | 3 | 1.71 | .02 | .27 | 4 | 30 |
| BL19800N 16450E | 2 | 49 | 29 | 68 | .1 | 34 | 8 | 127 | 4.52 | 1225 | 5 | ND | 6 | 24 | .6 | 4 | 2 | 24 | .02 | .073 | 18 | 20 | .34 | 94 | .03 | 2 | 1.53 | .01 | .10 | 3 | 10 |
| BL19800N 16500E | 1 | 25 | 19 | 41 | .2 | 20 | 5 | 79 | 2.49 | 815 | 5 | ND | 4 | 11 | .3 | 2 | 2 | 9 | .01 | .030 | 10 | 6 | .12 | 38 | .01 | 2 | .87 | .01 | .04 | 4 | 5 |
| BL19800N 16550E | 1 | 31 | 24 | 54 | .1 | 30 | 6 | 104 | 3.22 | 961 | 5 | ND | 4 | 16 | .3 | 2 | 2 | 13 | .01 | .046 | 12 | 11 | .20 | 59 | .01 | 2 | 1.34 | .01 | .05 | 4 | 5 |
| BL19800N 16600E | 15 | 34 | 29 | 77 | .2 | 30 | 12 | 313 | 4.73 | 573 | 5 | ND | 2 | 18 | .8 | 5 | 2 | 40 | .03 | .078 | 17 | 32 | .37 | 115 | .02 | 2 | 1.55 | .01 | .10 | 1 | 20 |
| BL19800N 16650E | 28 | 17 | 108 | 34 | 3.3 | 3 | 3 | 30 | 2.95 | 3674 | 5 | ND | 6 | 8 | .4 | 31 | 8 | 16 | .01 | .055 | 11 | 15 | .12 | 162 | .01 | 2 | .73 | .01 | .12 | 1 | 10 |
| BL19800N 16700E | 29 | 64 | 183 | 113 | 1.0 | 16 | 11 | 143 | 12.15 | 1977 | 5 | ND | 9 | 12 | .5 | 29 | 5 | 56 | .01 | .187 | 16 | 38 | .25 | 102 | .02 | 2 | 1.69 | .01 | .09 | 1 | 20 |
| BL19800N 16750E | 2 | 50 | 12 | 120 | .3 | 69 | 29 | 679 | 5.54 | 868 | 7 | ND | 7 | 22 | .7 | 2 | 2 | 50 | .03 | .071 | 16 | 43 | .54 | 183 | .06 | 3 | 2.34 | .01 | .26 | 3 | 10 |
| BL19800N 16800E | 2 | 31 | 11 | 74 | .1 | 32 | 11 | 310 | 3.07 | 400 | 5 | ND | 1 | 13 | .4 | 2 | 2 | 32 | .05 | .067 | 9 | 24 | .29 | 90 | .03 | 2 | 1.62 | .01 | .11 | 2 | 20 |
| BL19800N 16850E | 2 | 52 | 9 | 144 | .3 | 71 | 27 | 685 | 5.68 | 915 | 6 | ND | 6 | 19 | .9 | 2 | 4 | 54 | .04 | .066 | 16 | 40 | .55 | 161 | .05 | 2 | 2.47 | .01 | .22 | 5 | 5 |
| BL19800N 16900E | 4 | 53 | 39 | 146 | .4 | 27 | 12 | 355 | 7.68 | 219 | 5 | ND | 11 | 11 | .2 | 10 | 2 | 60 | .01 | .110 | 24 | 41 | .66 | 162 | .03 | 2 | 2.83 | .01 | .23 | 1 | 5 |
| BL19800N 16925E | 5 | 77 | 29 | 127 | .1 | 31 | 8 | 184 | 8.04 | 157 | 5 | ND | 12 | 6 | .2 | 9 | 2 | 56 | .01 | .108 | 26 | 42 | .63 | 104 | .04 | 2 | 2.53 | .01 | .19 | 1 | 5 |
| BL19800N 17000E | 5 | 91 | 23 | 229 | .1 | 52 | 18 | 196 | 9.20 | 78 | 5 | ND | 11 | 6 | .2 | 5 | 2 | 53 | .01 | .114 | 24 | 34 | .23 | 41 | .02 | 2 | 1.32 | .01 | .06 | 1 | 5 |
| BL20000N 10000E | 1 | 13 | 11 | 46 | .1 | 9 | 3 | 74 | 1.78 | 37 | 5 | ND | 1 | 10 | .4 | 2 | 4 | 27 | .07 | .033 | 9 | 14 | .23 | 84 | .03 | 2 | 1.11 | .01 | .04 | 1 | 10 |
| BL20000N 10050E | 1 | 7 | 5 | 18 | .1 | 4 | 2 | 31 | .96 | 14 | 5 | ND | 1 | 7 | .6 | 2 | 2 | 15 | .05 | .022 | 3 | 4 | .07 | 30 | .03 | 2 | .65 | .02 | .03 | 1 | 10 |
| BL20000N 10100E | 1 | 14 | 11 | 35 | .1 | 6 | 3 | 78 | 1.73 | 45 | 5 | ND | 1 | 7 | .8 | 2 | 6 | 24 | .04 | .028 | 6 | 12 | .21 | 86 | .06 | 3 | 1.17 | .02 | .07 | 1 | 10 |
| BL20000N 10150E | 1 | 2 | 5 | 12 | .1 | 1 | 1 | 19 | .47 | 5 | 5 | ND | 1 | 8 | .5 | 2 | 2 | 11 | .09 | .032 | 2 | 2 | .03 | 14 | .03 | 2 | .50 | .03 | .01 | 1 | 5 |
| BL20000N 10200E | 1 | 16 | 4 | 26 | .2 | 5 | 2 | 41 | 1.21 | 17 | 5 | ND | 1 | 7 | .4 | 2 | 2 | 16 | .06 | .052 | 3 | 5 | .09 | 25 | .02 | 2 | .91 | .02 | .03 | 2 | 30 |
| BL20000N 10250E | 1 | 5 | 6 | 16 | .1 | 3 | 2 | 38 | .71 | 4 | 5 | ND | 1 | 9 | .5 | 2 | 2 | 14 | .12 | .041 | 3 | 2 | .04 | 16 | .03 | 2 | .66 | .03 | .01 | 1 | 5 |
| BL20000N 10300E | 1 | 60 | 11 | 49 | .3 | 16 | 7 | 130 | 2.79 | 150 | 6 | ND | 2 | 12 | 1.0 | 2 | 2 | 32 | .08 | .050 | 13 | 19 | .42 | 305 | .06 | 5 | 2.19 | .02 | .12 | 1 | 10 |
| BL20000N 10350E | 1 | 8 | 8 | 22 | .2 | 2 | 2 | 21 | 1.35 | 9 | 5 | ND | 1 | 8 | .2 | 2 | 2 | 9 | .09 | .040 | 3 | 4 | .06 | 24 | .02 | 2 | .63 | .03 | .02 | 2 | 5 |
| BL20000N 10400E | 4 | 27 | 8 | 52 | .1 | 7 | 4 | 55 | 2.81 | 60 | 5 | ND | 1 | 10 | .4 | 2 | 2 | 48 | .04 | .059 | 14 | 12 | .08 | 100 | .02 | 2 | 1.14 | .01 | .03 | 1 | 20 |
| BL20000N 10450E | 3 | 22 | 6 | 72 | .1 | 13 | 5 | 97 | 3.95 | 58 | 5 | ND | 1 | 10 | .2 | 2 | 2 | 41 | .04 | .050 | 13 | 18 | .22 | 110 | .03 | 2 | 1.33 | .01 | .04 | 1 | 20 |
| BL20000N 10500E | 1 | 14 | 9 | 23 | .2 | 4 | 3 | 16 | 1.93 | 20 | 5 | ND | 1 | 6 | .2 | 2 | 2 | 11 | .06 | .040 | 4 | 3 | .04 | 27 | .02 | 2 | .78 | .02 | .02 | 1 | 10 |
| BL20000N 10550E | 9 | 102 | 20 | 96 | 1.2 | 24 | 5 | 41 | 4.20 | 190 | 8 | ND | 2 | 15 | .2 | 11 | 2 | 21 | .02 | .099 | 9 | 13 | .28 | 52 | .01 | 2 | 1.98 | .02 | .03 | 1 | 50 |
| BL20000N 10650E | 17 | 106 | 24 | 225 | .3 | 31 | 11 | 85 | 14.82 | 251 | 5 | ND | 9 | 42 | 1.2 | 13 | 2 | 35 | .02 | .186 | 5 | 19 | .38 | 73 | .01 | 2 | 2.27 | .02 | .05 | 1 | 30 |
| BL20000N 10700E | 15 | 106 | 12 | 287 | .2 | 31 | 11 | 71 | 16.98 | 297 | 5 | ND | 12 | 39 | 1.0 | 13 | 2 | 29 | .01 | .171 | 5 | 19 | .40 | 68 | .01 | 2 | 2.37 | .01 | .04 | 1 | 30 |
| BL20000N 10750E | 18 | 119 | 28 | 229 | .1 | 28 | 11 | 72 | 18.04 | 391 | 5 | ND | 13 | 33 | .9 | 13 | 2 | 39 | .01 | .195 | 7 | 27 | .50 | 77 | .01 | 2 | 2.56 | .01 | .05 | 1 | 10 |
| BL20000N 10800E | 16 | 99 | 21 | 184 | .3 | 21 | 11 | 67 | 21.46 | 347 | 5 | ND | 10 | 20 | 1.5 | 11 | 2 | 26 | .01 | .183 | 4 | 16 | .37 | 43 | .01 | 2 | 2.18 | .01 | .04 | 1 | 40 |
| BL20000N 10850E | 16 | 81 | 15 | 166 | .1 | 32 | 10 | 65 | 16.97 | 536 | 5 | ND | 11 | 33 | 1.1 | 9 | 10 | 33 | .01 | .170 | 7 | 19 | .59 | 64 | .01 | 2 | 1.97 | .01 | .07 | 1 | 10 |
| BL20000N 10900E | 16 | 102 | 11 | 205 | .1 | 32 | 10 | 50 | 18.83 | 316 | 5 | ND | 12 | 17 | 1.7 | 11 | 6 | 23 | .01 | .187 | 5 | 15 | .51 | 46 | .01 | 2 | 2.22 | .01 | .05 | 1 | 10 |
| BL20000N 10950E | 19 | 56 | 22 | 150 | .1 | 77 | 9 | 96 | 13.70 | 753 | 5 | ND | 14 | 102 | 1.4 | 12 | 5 | 36 | .02 | .253 | 9 | 23 | .82 | 154 | .04 | 2 | 2.99 | .01 | .14 | 1 | 5 |
| STANDARD C | 18 | 58 | 37 | 131 | 6.9 | 68 | 31 | 1050 | 3.95 | 39 | 21 | 7 | 36 | 50 | 18.5 | 14 | 19 | 56 | .51 | .089 | 37 | 56 | .89 | 181 | .08 | 33 | 1.84 | .06 | .14 | 13 | 1600 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BL20000N 11000E | 8 | 63 | 27 | 162 | .1 | 110 | 5 | 209 | 12.42 | 571 | 5 | ND | 10 | 90 | 1.8 | 14 | 2 | 56 | .04 | .215 | 13 | 49 | 1.09 | 170 | .09 | 2 | 4.35 | .01 | .32 | 2 | 20 |
| BL20000N 11050E | 7 | 47 | 24 | 105 | .1 | 20 | 4 | 139 | 27.18 | 306 | 5 | ND | 8 | 50 | .7 | 14 | 12 | 48 | .01 | .362 | 3 | 35 | .35 | 59 | .02 | 3 | 3.30 | .01 | .08 | 2 | 30 |
| BL20000N 11050E DUL | 4 | 66 | 22 | 187 | .2 | 90 | 5 | 209 | 15.80 | 429 | 5 | ND | 8 | 74 | 1.9 | 14 | 2 | 70 | .01 | .185 | 11 | 53 | 1.27 | 175 | .11 | 2 | 4.62 | .02 | .47 | 3 | 5 |
| BL20000N 11100E | 9 | 69 | 41 | 131 | .2 | 42 | 4 | 160 | 11.65 | 355 | 5 | ND | 11 | 57 | .5 | 12 | 2 | 51 | .01 | .218 | 15 | 41 | .46 | 277 | .04 | 3 | 3.45 | .01 | .14 | 2 | 5 |
| BL20000N 11150E | 6 | 65 | 22 | 142 | .1 | 34 | 5 | 178 | 15.27 | 176 | 5 | ND | 10 | 37 | .9 | 14 | 2 | 65 | .01 | .238 | 9 | 49 | .63 | 150 | .06 | 4 | 3.41 | .01 | .13 | 1 | 5 |
| BL20000N 11200E | 11 | 90 | 39 | 168 | .1 | 32 | 5 | 135 | 18.50 | 219 | 5 | ND | 11 | 45 | 1.0 | 10 | 2 | 74 | .01 | .244 | 10 | 51 | .37 | 154 | .04 | 4 | 3.11 | .01 | .08 | 1 | 5 |
| BL20000N 11250E | 13 | 93 | 31 | 168 | .3 | 33 | 5 | 159 | 19.86 | 183 | 5 | ND | 11 | 52 | 1.0 | 13 | 6 | 74 | .01 | .284 | 10 | 54 | .44 | 116 | .04 | 6 | 3.33 | .01 | .09 | 1 | 10 |
| BL20000N 11300E | 9 | 99 | 17 | 150 | .1 | 24 | 4 | 129 | 14.59 | 161 | 5 | ND | 9 | 39 | .4 | 10 | 3 | 64 | .01 | .194 | 10 | 46 | .44 | 175 | .05 | 2 | 2.68 | .01 | .12 | 1 | 5 |
| BL20000N 11350E | 22 | 93 | 35 | 150 | .2 | 34 | 5 | 121 | 10.84 | 238 | 5 | ND | 11 | 80 | .7 | 13 | 2 | 67 | .02 | .216 | 14 | 33 | .28 | 189 | .03 | 2 | 2.58 | .02 | .05 | 1 | 10 |
| BL20000N 11400E | 11 | 73 | 27 | 95 | .1 | 40 | 4 | 101 | 8.56 | 243 | 5 | ND | 11 | 59 | .3 | 8 | 2 | 67 | .02 | .210 | 20 | 38 | .22 | 232 | .03 | 5 | 2.23 | .02 | .07 | 1 | 10 |
| BL20000N 11450E | 15 | 98 | 13 | 98 | .1 | 15 | 3 | 71 | 9.69 | 346 | 5 | ND | 13 | 61 | .5 | 13 | 2 | 55 | .01 | .174 | 23 | 29 | .16 | 175 | .01 | 2 | 1.24 | .01 | .04 | 1 | 5 |
| BL20000N 11500E | 14 | 93 | 32 | 139 | .1 | 58 | 5 | 157 | 15.09 | 181 | 5 | ND | 13 | 77 | .8 | 11 | 4 | 74 | .01 | .209 | 14 | 53 | .71 | 201 | .07 | 2 | 4.01 | .01 | .19 | 2 | 5 |
| BL20000N 11550E | 12 | 79 | 21 | 138 | .1 | 84 | 4 | 155 | 13.25 | 178 | 5 | ND | 11 | 87 | 1.1 | 12 | 2 | 66 | .01 | .223 | 14 | 45 | .72 | 208 | .06 | 2 | 4.30 | .01 | .17 | 2 | 10 |
| BL20000N 11600E | 19 | 91 | 42 | 102 | .1 | 24 | 3 | 88 | 9.68 | 256 | 5 | ND | 12 | 63 | .2 | 7 | 2 | 57 | .01 | .161 | 21 | 33 | .30 | 185 | .02 | 2 | 2.37 | .01 | .05 | 1 | 5 |
| BL20000N 11650E | 4 | 39 | 20 | 51 | .1 | 53 | 2 | 79 | 3.15 | 271 | 5 | ND | 13 | 88 | .2 | 2 | 2 | 34 | .03 | .084 | 40 | 13 | .25 | 324 | .03 | 2 | 1.87 | .01 | .09 | 1 | 10 |
| BL20000N 11700E | 8 | 74 | 29 | 125 | .1 | 45 | 8 | 178 | 6.33 | 842 | 5 | ND | 9 | 55 | .2 | 4 | 2 | 34 | .04 | .081 | 22 | 19 | .24 | 289 | .03 | 2 | 2.02 | .01 | .07 | 1 | 20 |
| BL20000N 11750E | 13 | 82 | 35 | 67 | .2 | 25 | 4 | 98 | 4.91 | 874 | 5 | ND | 10 | 41 | .2 | 7 | 2 | 26 | .01 | .076 | 23 | 12 | .18 | 261 | .01 | 2 | 2.09 | .01 | .06 | 1 | 10 |
| BL20000N 11800E | 22 | 91 | 35 | 166 | .2 | 67 | 6 | 124 | 9.96 | 1008 | 5 | ND | 8 | 75 | .7 | 12 | 2 | 36 | .01 | .159 | 12 | 22 | .31 | 268 | .02 | 2 | 3.82 | .02 | .07 | 1 | 20 |
| BL20000N 11850E | 14 | 88 | 32 | 163 | .1 | 74 | 4 | 111 | 11.01 | 727 | 5 | ND | 7 | 60 | .4 | 8 | 5 | 48 | .01 | .170 | 13 | 26 | .35 | 236 | .03 | 2 | 3.79 | .01 | .10 | 1 | 10 |
| BL20000N 11900E | 13 | 105 | 25 | 59 | .1 | 26 | 2 | 62 | 5.25 | 1425 | 5 | ND | 11 | 40 | .2 | 6 | 3 | 21 | .01 | .076 | 22 | 8 | .11 | 255 | .01 | 2 | 1.78 | .01 | .04 | 1 | 10 |
| BL20000N 11950E | 9 | 114 | 10 | 98 | .2 | 35 | 3 | 65 | 5.15 | 1056 | 5 | ND | 9 | 83 | .2 | 7 | 2 | 34 | .04 | .152 | 26 | 15 | .09 | 734 | .01 | 2 | 1.34 | .01 | .06 | 2 | 5 |
| BL20000N 12000E | 29 | 136 | 35 | 265 | .7 | 93 | 6 | 147 | 12.10 | 549 | 6 | ND | 9 | 100 | .8 | 26 | 3 | 113 | .02 | .262 | 11 | 33 | .57 | 236 | .04 | 2 | 4.61 | .02 | .13 | 1 | 5 |
| BL20000N 12050E | 32 | 154 | 34 | 302 | 1.0 | 106 | 7 | 168 | 13.65 | 488 | 5 | ND | 10 | 98 | 2.2 | 25 | 2 | 142 | .01 | .262 | 11 | 36 | .65 | 261 | .05 | 2 | 5.14 | .01 | .16 | 1 | 5 |
| BL20000N 12100E | 24 | 134 | 43 | 333 | 1.1 | 111 | 6 | 135 | 13.32 | 471 | 5 | ND | 9 | 126 | 1.2 | 19 | 3 | 122 | .01 | .243 | 11 | 37 | .62 | 252 | .04 | 2 | 5.33 | .02 | .16 | 1 | 5 |
| BL20000N 12150E | 24 | 126 | 32 | 337 | .7 | 73 | 6 | 142 | 14.86 | 455 | 6 | ND | 8 | 101 | 1.0 | 14 | 4 | 78 | .01 | .251 | 11 | 25 | .40 | 205 | .02 | 2 | 4.32 | .02 | .10 | 1 | 5 |
| BL20000N 12200E | 40 | 126 | 38 | 301 | .4 | 56 | 6 | 121 | 17.72 | 564 | 5 | ND | 9 | 56 | .4 | 17 | 2 | 38 | .01 | .219 | 8 | 18 | .27 | 116 | .02 | 5 | 4.44 | .01 | .06 | 2 | 10 |
| BL20000N 12250E | 30 | 123 | 25 | 223 | .5 | 63 | 5 | 156 | 12.64 | 708 | 5 | ND | 8 | 127 | .6 | 13 | 2 | 40 | .02 | .295 | 12 | 25 | .36 | 200 | .03 | 2 | 3.88 | .01 | .06 | 1 | 5 |
| BL20000N 12300E | 32 | 125 | 20 | 289 | .6 | 35 | 7 | 188 | 17.54 | 740 | 5 | ND | 9 | 56 | 1.1 | 14 | 2 | 28 | .02 | .278 | 10 | 17 | .38 | 133 | .01 | 5 | 3.87 | .01 | .05 | 3 | 20 |
| BL20000N 12350E | 18 | 112 | 42 | 232 | .6 | 50 | 6 | 179 | 16.14 | 496 | 5 | ND | 8 | 69 | 1.7 | 16 | 2 | 55 | .01 | .245 | 13 | 28 | .45 | 124 | .02 | 2 | 3.67 | .01 | .09 | 1 | 30 |
| BL20000N 12400E | 15 | 101 | 32 | 243 | .4 | 52 | 6 | 153 | 19.32 | 637 | 6 | ND | 8 | 74 | 1.1 | 18 | 4 | 46 | .01 | .266 | 9 | 25 | .43 | 110 | .03 | 7 | 4.36 | .01 | .09 | 3 | 50 |
| BL20000N 12450E | 9 | 105 | 24 | 87 | .3 | 36 | 4 | 108 | 7.39 | 1605 | 5 | ND | 9 | 62 | .2 | 11 | 2 | 41 | .09 | .255 | 25 | 29 | .37 | 607 | .02 | 3 | 2.50 | .01 | .13 | 1 | 5 |
| BL20000N 12500E | 4 | 140 | 19 | 108 | 1.1 | 26 | 6 | 193 | 17.32 | 1105 | 5 | ND | 3 | 61 | 1.4 | 12 | 5 | 65 | .04 | .396 | 10 | 42 | .33 | 135 | .05 | 5 | 2.61 | .03 | .27 | 2 | 10 |
| BL20000N 12550E | 15 | 163 | 33 | 150 | 1.0 | 43 | 9 | 123 | 9.31 | 1161 | 5 | ND | 1 | 92 | .4 | 15 | 9 | 78 | .09 | .249 | 15 | 92 | .63 | 454 | .05 | 4 | 2.79 | .02 | .26 | 1 | 30 |
| BL20000N 12600E | 10 | 92 | 17 | 106 | .4 | 29 | 5 | 158 | 7.71 | 446 | 5 | ND | 1 | 57 | .2 | 4 | 4 | 66 | .03 | .127 | 19 | 26 | .26 | 237 | .02 | 2 | 1.99 | .01 | .08 | 1 | 20 |
| BL20000N 12650E | 2 | 12 | 6 | 32 | .1 | 5 | 1 | 51 | 1.15 | 48 | 5 | ND | 1 | 17 | .2 | 2 | 2 | 16 | .07 | .044 | 3 | 2 | .02 | 70 | .01 | 2 | .51 | .03 | .03 | 2 | 10 |
| BL20000N 12700E | 9 | 87 | 21 | 77 | .7 | 28 | 3 | 116 | 6.97 | 352 | 5 | ND | 1 | 78 | .2 | 3 | 4 | 51 | .04 | .143 | 17 | 14 | .19 | 252 | .03 | 2 | 2.21 | .02 | .09 | 1 | 10 |
| STANDARD C | 20 | 62 | 39 | 130 | 7.4 | 73 | 32 | 1056 | 3.99 | 42 | 20 | 7 | 38 | 53 | 18.7 | 15 | 22 | 57 | .59 | .095 | 39 | 59 | .89 | 181 | .08 | 37 | 1.89 | .06 | .14 | 11 | 1300 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BL20000N 12750E | 5 | 231 | 15 | 96 | .7 | 19 | 4 | 118 | 13.70 | 999 | 5 | ND | 4 | 103 | 1.8 | 17 | 4 | 69 | .03 | .207 | 18 | 85 | .59 | 385 | .05 | 2 | 2.71 | .01 | .29 | 1 | 10 |
| BL20000N 12800E | 6 | 236 | 20 | 101 | .1 | 20 | 4 | 97 | 15.52 | 940 | 5 | ND | 9 | 109 | 1.1 | 12 | 3 | 73 | .01 | .232 | 17 | 67 | .53 | 363 | .04 | 2 | 2.94 | .02 | .27 | 2 | 10 |
| BL20000N 12850E | 2 | 48 | 7 | 41 | 1.4 | 14 | 5 | 34 | 1.66 | 142 | 5 | ND | 1 | 36 | .7 | 3 | 2 | 14 | .14 | .091 | 8 | 5 | .05 | 302 | .01 | 2 | .65 | .01 | .05 | 1 | 30 |
| BL20000N 12900E | 1 | 11 | 15 | 46 | .4 | 8 | 4 | 332 | 1.74 | 26 | 5 | ND | 1 | 26 | .8 | 2 | 4 | 26 | .27 | .056 | 15 | 19 | .32 | 156 | .07 | 2 | 1.91 | .01 | .14 | 2 | 30 |
| BL20000N 12950E | 2 | 103 | 9 | 55 | .4 | 17 | 6 | 147 | 1.66 | 55 | 5 | ND | 1 | 34 | 1.8 | 2 | 2 | 26 | .28 | .069 | 21 | 19 | .35 | 161 | .06 | 2 | 1.79 | .02 | .16 | 1 | 20 |
| BL20000N 13000E | 1 | 8 | 5 | 13 | .2 | 4 | 1 | 7 | .55 | 17 | 5 | ND | 1 | 14 | .2 | 2 | 2 | 12 | .05 | .033 | 2 | 3 | .02 | 64 | .01 | 4 | .23 | .03 | .02 | 1 | 5 |
| BL20000N 13100E | 16 | 59 | 14 | 112 | 2.8 | 30 | 3 | 63 | 5.52 | 252 | 5 | ND | 1 | 166 | .2 | 4 | 2 | 90 | .08 | .309 | 17 | 21 | .18 | 662 | .01 | 2 | 2.10 | .02 | .12 | 1 | 20 |
| BL20000N 13150E | 17 | 46 | 17 | 134 | 2.4 | 40 | 9 | 163 | 3.82 | 166 | 5 | ND | 1 | 189 | .2 | 5 | 2 | 100 | .69 | .471 | 19 | 24 | .30 | 522 | .01 | 2 | 2.42 | .02 | .12 | 1 | 10 |
| BL20000N 13200E | 20 | 46 | 15 | 120 | 3.4 | 28 | 3 | 119 | 4.23 | 189 | 5 | ND | 1 | 199 | .2 | 5 | 2 | 115 | .76 | .491 | 15 | 31 | .28 | 545 | .01 | 2 | 2.20 | .02 | .12 | 1 | 10 |
| BL20000N 13250E | 3 | 38 | 10 | 107 | .3 | 32 | 59 | 1142 | 2.82 | 81 | 5 | ND | 1 | 35 | .3 | 2 | 2 | 39 | .16 | .093 | 16 | 24 | .39 | 566 | .08 | 2 | 2.04 | .03 | .13 | 1 | 20 |
| BL20000N 13300E | 2 | 12 | 3 | 22 | .3 | 4 | 1 | 21 | 1.13 | 38 | 5 | ND | 1 | 20 | .2 | 2 | 2 | 21 | .02 | .047 | 5 | 4 | .03 | 162 | .01 | 2 | .39 | .02 | .03 | 1 | 10 |
| BL20000N 13350E | 9 | 74 | 22 | 131 | .8 | 31 | 5 | 161 | 6.35 | 255 | 5 | ND | 3 | 125 | .6 | 4 | 2 | 70 | .40 | .316 | 19 | 28 | .38 | 444 | .01 | 2 | 2.06 | .02 | .17 | 1 | 5 |
| BL20000N 13400E | 4 | 44 | 10 | 143 | .9 | 53 | 9 | 183 | 3.16 | 119 | 5 | ND | 1 | 89 | .6 | 2 | 2 | 45 | .33 | .115 | 22 | 23 | .40 | 607 | .03 | 2 | 1.81 | .01 | .16 | 2 | 10 |
| BL20000N 13450E | 1 | 93 | 5 | 103 | .7 | 36 | 6 | 141 | 7.86 | 281 | 5 | ND | 2 | 70 | .4 | 3 | 3 | 47 | .06 | .171 | 18 | 25 | .30 | 612 | .03 | 2 | 2.24 | .02 | .17 | 1 | 5 |
| BL20000N 13500E | 2 | 88 | 19 | 102 | .6 | 39 | 10 | 281 | 7.15 | 256 | 5 | ND | 1 | 68 | .8 | 3 | 7 | 48 | .08 | .157 | 19 | 24 | .30 | 729 | .03 | 2 | 2.28 | .02 | .17 | 1 | 10 |
| BL20000N 13550E | 2 | 82 | 11 | 98 | 1.3 | 44 | 7 | 113 | 6.35 | 233 | 5 | ND | 1 | 60 | .2 | 2 | 2 | 51 | .03 | .154 | 21 | 27 | .29 | 741 | .01 | 2 | 2.50 | .02 | .16 | 1 | 5 |
| BL20000N 13600E | 2 | 78 | 12 | 103 | .9 | 50 | 6 | 120 | 7.04 | 240 | 5 | ND | 3 | 69 | .2 | 4 | 5 | 53 | .15 | .142 | 22 | 33 | .39 | 719 | .03 | 3 | 2.89 | .02 | .18 | 1 | 5 |
| BL20000N 13700E | 1 | 14 | 8 | 66 | .1 | 17 | 9 | 311 | 2.35 | 81 | 5 | ND | 11 | 64 | .4 | 2 | 5 | 32 | .65 | .051 | 28 | 29 | .63 | 256 | .10 | 2 | 2.11 | .03 | .26 | 2 | 5 |
| BL20000N 13750E | 7 | 27 | 24 | 152 | .1 | 52 | 31 | 1221 | 3.65 | 234 | 7 | ND | 8 | 69 | .2 | 2 | 2 | 45 | .80 | .075 | 30 | 34 | .78 | 347 | .10 | 2 | 2.79 | .03 | .34 | 4 | 10 |
| BL20000N 13800E | 3 | 46 | 16 | 96 | .1 | 36 | 17 | 413 | 5.43 | 530 | 5 | ND | 7 | 21 | .2 | 6 | 2 | 43 | .12 | .077 | 20 | 36 | .61 | 136 | .03 | 2 | 2.13 | .01 | .20 | 4 | 5 |
| BL20000N 13850E | 3 | 36 | 20 | 95 | .2 | 30 | 18 | 470 | 4.99 | 534 | 5 | ND | 1 | 13 | .2 | 4 | 2 | 42 | .07 | .090 | 19 | 33 | .49 | 124 | .03 | 2 | 1.98 | .01 | .19 | 3 | 10 |
| BL20000N 13900E | 3 | 45 | 20 | 91 | .1 | 33 | 11 | 300 | 5.60 | 507 | 5 | ND | 8 | 18 | .2 | 3 | 2 | 44 | .09 | .082 | 20 | 37 | .61 | 149 | .03 | 2 | 2.12 | .01 | .19 | 4 | 5 |
| BL20000N 13950E | 1 | 25 | 9 | 38 | .5 | 27 | 3 | 26 | .48 | 13 | 5 | ND | 1 | 13 | .2 | 2 | 2 | 8 | .09 | .088 | 8 | 4 | .04 | 22 | .01 | 7 | .67 | .02 | .03 | 1 | 50 |
| BL20000N 14000E | 1 | 17 | 7 | 22 | .1 | 12 | 2 | 38 | .80 | 33 | 5 | ND | 1 | 7 | .2 | 2 | 2 | 13 | .03 | .048 | 10 | 7 | .08 | 32 | .02 | 2 | .64 | .02 | .05 | 1 | 30 |
| BL20000N 14050E | 1 | 11 | 9 | 30 | .1 | 9 | 2 | 61 | 1.16 | 62 | 5 | ND | 1 | 7 | .2 | 2 | 2 | 20 | .04 | .035 | 11 | 9 | .12 | 43 | .04 | 2 | .91 | .03 | .05 | 1 | 20 |
| BL20000N 14100E | 1 | 15 | 10 | 48 | .1 | 23 | 7 | 326 | 1.80 | 126 | 5 | ND | 1 | 10 | .2 | 2 | 2 | 25 | .08 | .048 | 13 | 15 | .26 | 66 | .05 | 3 | 1.21 | .02 | .10 | 1 | 30 |
| BL20000N 14150E | 2 | 22 | 12 | 105 | .1 | 34 | 22 | 732 | 3.23 | 202 | 5 | ND | 8 | 9 | .2 | 2 | 2 | 37 | .11 | .061 | 24 | 29 | .56 | 124 | .09 | 2 | 2.02 | .01 | .26 | 2 | 10 |
| BL20000N 14200E | 1 | 22 | 5 | 113 | .1 | 39 | 28 | 627 | 3.51 | 168 | 5 | ND | 10 | 10 | .2 | 2 | 2 | 34 | .16 | .061 | 21 | 30 | .56 | 93 | .10 | 2 | 1.83 | .01 | .27 | 5 | 5 |
| L21100N 11000E | 1 | 61 | 14 | 64 | .1 | 13 | 11 | 398 | 2.57 | 94 | 5 | ND | 3 | 111 | .2 | 2 | 8 | 40 | .59 | .055 | 21 | 37 | .82 | 376 | .09 | 2 | 3.25 | .02 | .31 | 1 | 20 |
| STANDARD C | 19 | 62 | 41 | 132 | 7.4 | 73 | 32 | 1060 | 3.99 | 41 | 20 | 7 | 37 | 53 | 18.6 | 15 | 19 | 56 | .62 | .095 | 38 | 61 | .90 | 181 | .08 | 37 | 1.89 | .06 | .14 | 11 | 1400 |

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 9008-015 343 File # 90-3875 Page 1

P.O. Box 2380, 1050 Davie, Vancouver BC V6B 3T5

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 114778 | 1 | 1 | 13 | 56 | .1 | 4 | 7 | 425 | 2.29 | 2 | 22 | ND | 24 | 40 | 1.0 | 2 | 3 | 32 | .68 | .076 | 56 | 19 | .76 | 117 | .19 | 9 | 1.76 | .04 | .58 | 3 | 5 |
| 138301 | 14 | 47 | 31 | 33 | 1.2 | 10 | 6 | 39 | 8.39 | 2426 | 5 | ND | 11 | 15 | .3 | 10 | 8 | 22 | .03 | .228 | 17 | 13 | .22 | 60 | .02 | 6 | .95 | .01 | .05 | 1 | 30 |
| 138302 | 8 | 39 | 43 | 29 | .8 | 7 | 5 | 34 | 6.60 | 1938 | 5 | ND | 12 | 10 | .2 | 6 | 2 | 13 | .01 | .144 | 11 | 14 | .27 | 36 | .01 | 6 | 1.05 | .01 | .03 | 2 | 5 |
| 138303 | 3 | 37 | 59 | 53 | .7 | 15 | 15 | 200 | 5.02 | 2130 | 5 | ND | 8 | 17 | .2 | 10 | 3 | 7 | .01 | .072 | 9 | 5 | .29 | 33 | .01 | 5 | 1.26 | .01 | .04 | 2 | 5 |
| 138304 | 4 | 89 | 12 | 73 | .5 | 38 | 16 | 347 | 10.61 | 1451 | 5 | ND | 7 | 118 | 1.1 | 2 | 2 | 55 | .10 | .096 | 15 | 47 | .81 | 176 | .06 | 5 | 2.78 | .02 | .31 | 2 | 10 |
| 138305 | 3 | 46 | 13 | 112 | .1 | 62 | 39 | 1068 | 6.82 | 1611 | 8 | ND | 6 | 33 | .8 | 2 | 3 | 59 | .07 | .080 | 20 | 49 | .75 | 190 | .07 | 5 | 2.59 | .01 | .32 | 3 | 10 |
| 138306 | 4 | 52 | 13 | 148 | .2 | 63 | 24 | 847 | 5.77 | 579 | 6 | ND | 3 | 15 | .9 | 2 | 2 | 56 | .02 | .081 | 19 | 44 | .58 | 138 | .05 | 2 | 2.34 | .01 | .22 | 4 | 40 |
| 138307 | 5 | 57 | 19 | 195 | .3 | 75 | 37 | 1239 | 6.74 | 575 | 8 | ND | 9 | 23 | .8 | 3 | 2 | 58 | .03 | .086 | 22 | 47 | .63 | 170 | .06 | 6 | 2.48 | .01 | .27 | 5 | 20 |
| 138308 | 4 | 58 | 26 | 193 | .2 | 72 | 38 | 1217 | 6.60 | 552 | 16 | ND | 8 | 22 | 1.1 | 3 | 6 | 57 | .03 | .083 | 21 | 45 | .63 | 163 | .06 | 3 | 2.35 | .01 | .27 | 5 | 10 |
| 138309 | 5 | 62 | 19 | 154 | .1 | 67 | 20 | 679 | 6.75 | 469 | 10 | ND | 7 | 19 | .4 | 3 | 3 | 59 | .03 | .093 | 22 | 46 | .58 | 147 | .05 | 3 | 2.12 | .01 | .23 | 5 | 20 |
| 138310 | 4 | 65 | 21 | 214 | .1 | 112 | 54 | 1550 | 6.33 | 549 | 17 | ND | 6 | 20 | 1.0 | 2 | 2 | 62 | .03 | .071 | 18 | 45 | .55 | 161 | .04 | 5 | 2.19 | .01 | .23 | 7 | 10 |
| 138311 | 3 | 52 | 30 | 198 | .1 | 106 | 42 | 1096 | 5.08 | 105 | 8 | ND | 8 | 76 | 1.0 | 2 | 6 | 57 | .63 | .073 | 22 | 35 | .91 | 143 | .06 | 8 | 2.53 | .03 | .29 | 19 | 5 |
| 138312 | 1 | 1 | 19 | 53 | .1 | 10 | 12 | 480 | 2.90 | 20 | 6 | ND | 15 | 114 | .8 | 3 | 13 | 45 | 1.03 | .065 | 34 | 26 | 1.08 | 138 | .15 | 5 | 2.97 | .05 | .35 | 98 | 5 |
| 138313 | 1 | 3 | 33 | 56 | .1 | 9 | 12 | 453 | 2.85 | 28 | 5 | ND | 9 | 149 | 1.0 | 2 | 6 | 41 | 1.12 | .053 | 24 | 25 | 1.02 | 127 | .10 | 3 | 3.20 | .03 | .44 | 19 | 5 |
| 138314 | 1 | 5 | 16 | 66 | .2 | 15 | 17 | 664 | 3.48 | 41 | 5 | ND | 9 | 164 | .8 | 2 | 22 | 49 | 1.06 | .059 | 28 | 25 | 1.10 | 157 | .14 | 7 | 3.03 | .05 | .40 | 78 | 10 |
| 138315 | 3 | 39 | 24 | 142 | .1 | 54 | 22 | 502 | 3.76 | 40 | 5 | ND | 6 | 28 | .3 | 2 | 9 | 49 | .26 | .079 | 20 | 28 | .81 | 159 | .14 | 4 | 2.84 | .04 | .22 | 64 | 40 |
| 138316 | 4 | 50 | 31 | 199 | .1 | 97 | 33 | 823 | 4.45 | 85 | 12 | ND | 7 | 28 | .5 | 2 | 6 | 53 | .24 | .097 | 23 | 30 | .76 | 146 | .12 | 3 | 2.84 | .03 | .19 | 44 | 60 |
| 138317 | 5 | 105 | 40 | 122 | .2 | 49 | 15 | 302 | 9.39 | 100 | 8 | ND | 4 | 15 | .2 | 3 | 4 | 67 | .05 | .153 | 12 | 40 | .48 | 83 | .04 | 5 | 2.23 | .02 | .12 | 4 | 50 |
| 138318 | 6 | 107 | 29 | 120 | .5 | 34 | 12 | 199 | 10.77 | 142 | 8 | ND | 4 | 12 | .5 | 4 | 2 | 61 | .02 | .158 | 12 | 40 | .35 | 70 | .03 | 3 | 2.10 | .01 | .09 | 3 | 30 |
| 138319 | 5 | 108 | 22 | 131 | .4 | 53 | 12 | 281 | 11.87 | 645 | 8 | ND | 4 | 15 | 1.2 | 3 | 2 | 68 | .02 | .163 | 12 | 44 | .42 | 117 | .04 | 8 | 2.72 | .01 | .16 | 2 | 30 |
| 138320 | 4 | 96 | 30 | 97 | .4 | 43 | 10 | 147 | 12.84 | 1756 | 5 | ND | 5 | 22 | .8 | 2 | 2 | 59 | .01 | .166 | 10 | 40 | .40 | 110 | .03 | 5 | 2.93 | .02 | .20 | 1 | 20 |
| 138321 | 5 | 85 | 24 | 98 | .5 | 98 | 8 | 88 | 7.87 | 868 | 5 | ND | 4 | 23 | .9 | 3 | 2 | 68 | .01 | .095 | 13 | 39 | .36 | 161 | .02 | 3 | 3.36 | .01 | .23 | 2 | 10 |
| 138322 | 8 | 91 | 14 | 94 | .3 | 56 | 9 | 152 | 9.28 | 1696 | 5 | ND | 6 | 32 | 1.0 | 2 | 2 | 50 | .01 | .135 | 13 | 33 | .45 | 117 | .02 | 3 | 2.48 | .01 | .17 | 1 | 10 |
| 138323 | 10 | 108 | 19 | 94 | .4 | 75 | 10 | 173 | 10.77 | 1566 | 5 | ND | 4 | 30 | .2 | 2 | 2 | 55 | .01 | .129 | 12 | 36 | .44 | 141 | .03 | 7 | 2.61 | .01 | .21 | 1 | 5 |
| 138324 | 10 | 106 | 22 | 104 | .3 | 55 | 10 | 173 | 12.65 | 1582 | 5 | ND | 4 | 29 | .6 | 3 | 2 | 57 | .01 | .165 | 11 | 37 | .39 | 113 | .02 | 6 | 2.44 | .01 | .16 | 1 | 10 |
| 138325 | 6 | 102 | 34 | 94 | .4 | 33 | 10 | 166 | 12.05 | 1033 | 5 | ND | 5 | 29 | .7 | 2 | 2 | 62 | .01 | .153 | 11 | 41 | .46 | 115 | .03 | 4 | 2.27 | .02 | .20 | 1 | 10 |
| 138326 | 8 | 96 | 40 | 95 | .4 | 24 | 10 | 190 | 12.23 | 1208 | 5 | ND | 6 | 26 | 1.1 | 2 | 3 | 49 | .01 | .180 | 13 | 34 | .43 | 68 | .01 | 2 | 2.05 | .01 | .10 | 1 | 20 |
| 138327 | 8 | 101 | 30 | 95 | .4 | 24 | 11 | 212 | 12.47 | 2983 | 5 | ND | 6 | 23 | .2 | 3 | 2 | 50 | .01 | .189 | 13 | 34 | .44 | 89 | .02 | 7 | 1.68 | .01 | .09 | 1 | 20 |
| 138328 | 5 | 83 | 14 | 72 | .6 | 20 | 10 | 226 | 8.14 | 3221 | 5 | ND | 4 | 23 | .2 | 5 | 2 | 36 | .04 | .148 | 13 | 22 | .30 | 86 | .02 | 6 | 1.35 | .02 | .07 | 1 | 40 |
| 138329 | 12 | 115 | 19 | 102 | .4 | 20 | 12 | 214 | 12.84 | 1402 | 5 | ND | 8 | 27 | .8 | 4 | 2 | 50 | .01 | .219 | 18 | 41 | .38 | 73 | .01 | 6 | 1.90 | .01 | .07 | 1 | 20 |
| 138330 | 10 | 149 | 26 | 94 | .2 | 26 | 13 | 302 | 13.76 | 1107 | 5 | ND | 6 | 14 | .2 | 3 | 2 | 44 | .02 | .161 | 11 | 31 | .42 | 58 | .03 | 3 | 1.86 | .01 | .09 | 3 | 30 |
| 138481 | 6 | 147 | 25 | 174 | .9 | 15 | 9 | 30 | 15.48 | 264 | 6 | ND | 20 | 50 | .4 | 8 | 2 | 42 | .01 | .234 | 17 | 30 | .03 | 544 | .01 | 6 | 1.89 | .01 | .05 | 1 | 10 |
| 138482 | 3 | 19 | 192 | 95 | 1.7 | 10 | 5 | 73 | 6.42 | 5473 | 5 | ND | 7 | 28 | .4 | 53 | 4 | 14 | .01 | .108 | 11 | 13 | .28 | 157 | .01 | 4 | 1.54 | .03 | .03 | 1 | 40 |
| 138483 | 1 | 19 | 68 | 19 | .7 | 5 | 2 | 24 | 2.12 | 7560 | 5 | ND | 5 | 35 | .4 | 128 | 2 | 6 | .01 | .059 | 15 | 6 | .09 | 359 | .01 | 4 | .97 | .01 | .05 | 1 | 20 |
| 138484 | 1 | 17 | 229 | 26 | 1.3 | 4 | 1 | 40 | 1.86 | 8960 | 6 | ND | 3 | 39 | .5 | 46 | 15 | 3 | .01 | .071 | 16 | 5 | .13 | 162 | .01 | 4 | 1.15 | .01 | .04 | 1 | 30 |
| 138485 | 11 | 72 | 34 | 150 | .3 | 89 | 9 | 218 | 12.36 | 334 | 5 | ND | 12 | 39 | .6 | 8 | 2 | 59 | .01 | .207 | 13 | 48 | 1.40 | 206 | .08 | 7 | 5.46 | .01 | .21 | 1 | 20 |
| STANDARD C | 20 | 61 | 39 | 133 | 7.0 | 73 | 32 | 1052 | 3.97 | 42 | 21 | 7 | 37 | 53 | 18.3 | 15 | 21 | 57 | .52 | .097 | 38 | 59 | .89 | 180 | .07 | 36 | 1.89 | .06 | .14 | 11 | 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.

**DATE RECEIVED:** AUG 28 1990 **DATE REPORT MAILED:** Aug 30/90. **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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138486 | 23 | 137 | 49 | 106 | .6 | 16 | 8 | 62 | 12.23 | 290 | 7 | ND | 18 | 21 | .2 | 18 | 4 | 50 | .01 | .228 | 22 | 44 | .35 | 131 | .01 | 2 | 1.65 | .01 | .03 | 2 | 50 |
| 138487 | 33 | 175 | 68 | 175 | .3 | 21 | 11 | 73 | 17.40 | 357 | 5 | ND | 28 | 16 | .2 | 22 | 8 | 57 | .01 | .279 | 15 | 65 | .37 | 105 | .01 | 2 | 1.71 | .01 | .03 | 1 | 60 |
| 138488 | 12 | 173 | 70 | 233 | .3 | 25 | 14 | 124 | 17.37 | 1148 | 8 | ND | 32 | 16 | 1.3 | 77 | 2 | 81 | .02 | .334 | 12 | 79 | .31 | 101 | .03 | 2 | 1.89 | .01 | .04 | 1 | 80 |
| 138489 | 16 | 175 | 60 | 238 | .4 | 24 | 11 | 177 | 14.64 | 352 | 5 | ND | 32 | 17 | 1.0 | 89 | 2 | 96 | .02 | .310 | 14 | 69 | .53 | 142 | .03 | 2 | 2.12 | .01 | .03 | 1 | 50 |
| 138490 | 9 | 71 | 52 | 146 | .3 | 35 | 9 | 117 | 14.29 | 404 | 5 | ND | 13 | 53 | .6 | 12 | 2 | 62 | .01 | .254 | 12 | 37 | .55 | 256 | .03 | 5 | 3.33 | .02 | .15 | 1 | 30 |
| 138491 | 7 | 61 | 31 | 122 | .1 | 9 | 10 | 94 | 21.15 | 205 | 5 | ND | 14 | 28 | 1.3 | 12 | 2 | 82 | .01 | .263 | 7 | 41 | .67 | 162 | .06 | 2 | 2.91 | .01 | .19 | 1 | 40 |
| 138492 | 3 | 51 | 27 | 137 | .1 | 19 | 10 | 172 | 17.36 | 354 | 5 | ND | 8 | 34 | 1.7 | 9 | 2 | 95 | .01 | .135 | 7 | 44 | 1.87 | 226 | .13 | 2 | 5.13 | .01 | .51 | 1 | 10 |
| 138493 | 8 | 135 | 22 | 153 | .2 | 15 | 12 | 70 | 21.21 | 343 | 5 | ND | 15 | 59 | .4 | 15 | 3 | 82 | .01 | .339 | 14 | 51 | .20 | 81 | .02 | 2 | 1.93 | .01 | .04 | 1 | 30 |
| 138494 | 9 | 60 | 32 | 172 | .1 | 53 | 8 | 101 | 13.15 | 382 | 5 | ND | 11 | 130 | 1.8 | 2 | 2 | 107 | .01 | .246 | 10 | 50 | 1.23 | 245 | .10 | 2 | 5.20 | .02 | .41 | 1 | 20 |
| 138495 | 15 | 100 | 55 | 263 | .4 | 37 | 11 | 60 | 18.24 | 392 | 5 | ND | 11 | 124 | 1.5 | 9 | 2 | 137 | .01 | .298 | 8 | 69 | .61 | 92 | .07 | 2 | 3.70 | .01 | .40 | 1 | 30 |
| 138496 | 1 | 35 | 59 | 159 | .2 | 45 | 6 | 229 | 7.06 | 77 | 5 | ND | 11 | 134 | 2.1 | 5 | 6 | 78 | .01 | .091 | 19 | 31 | 1.49 | 260 | .22 | 2 | 5.70 | .02 | .60 | 1 | 10 |
| 138497 | 6 | 195 | 49 | 282 | .1 | 24 | 12 | 76 | 24.55 | 555 | 5 | ND | 15 | 40 | 1.4 | 14 | 2 | 97 | .01 | .287 | 8 | 64 | .30 | 94 | .03 | 2 | 2.54 | .01 | .06 | 1 | 40 |
| 138498 | 7 | 29 | 23 | 71 | .1 | 27 | 4 | 70 | 4.40 | 321 | 5 | ND | 14 | 57 | .5 | 9 | 2 | 42 | .01 | .072 | 32 | 21 | .57 | 220 | .01 | 4 | 2.49 | .01 | .09 | 1 | 10 |
| 138499 | 9 | 76 | 17 | 62 | .2 | 9 | 4 | 37 | 5.78 | 400 | 5 | ND | 13 | 25 | .2 | 11 | 8 | 31 | .01 | .063 | 27 | 14 | .36 | 93 | .01 | 3 | 1.02 | .01 | .03 | 1 | 20 |
| 138500 | 1 | 23 | 15 | 27 | .1 | 139 | 2 | 18 | 1.50 | 159 | 5 | ND | 13 | 481 | .5 | 7 | 2 | 74 | .12 | .225 | 50 | 6 | .10 | 1052 | .04 | 5 | 4.45 | .01 | .05 | 2 | 10 |
| 138601 | 1 | 786 | 35 | 58 | 2.7 | 15 | 11 | 84 | 10.01 | 15025 | 5 | ND | 8 | 272 | 1.9 | 65 | 61 | 54 | .05 | .132 | 22 | 23 | .88 | 93 | .12 | 6 | 3.50 | .05 | .66 | 2 | 60 |
| 138602 | 2 | 267 | 18 | 69 | .6 | 17 | 14 | 143 | 22.04 | 1889 | 5 | ND | 7 | 72 | .8 | 13 | 262 | 141 | .02 | .303 | 19 | 56 | .44 | 47 | .15 | 5 | 2.37 | .16 | .64 | 3 | 10 |
| 138676 | 6 | 105 | 32 | 151 | .1 | 64 | 14 | 299 | 8.99 | 419 | 5 | ND | 6 | 15 | .4 | 2 | 2 | 55 | .02 | .096 | 12 | 32 | .48 | 129 | .02 | 2 | 2.86 | .01 | .18 | 1 | 20 |
| 138677 | 4 | 67 | 25 | 131 | .2 | 57 | 19 | 384 | 5.52 | 121 | 5 | ND | 3 | 13 | .3 | 2 | 2 | 44 | .10 | .083 | 12 | 27 | .39 | 116 | .03 | 8 | 2.37 | .02 | .10 | 1 | 30 |
| 138678 | 5 | 48 | 17 | 125 | .2 | 57 | 19 | 407 | 4.03 | 70 | 5 | ND | 2 | 18 | .3 | 3 | 2 | 41 | .10 | .064 | 13 | 24 | .36 | 112 | .05 | 2 | 2.10 | .03 | .10 | 8 | 40 |
| 138679 | 2 | 18 | 25 | 60 | .1 | 14 | 8 | 323 | 2.35 | 44 | 5 | ND | 1 | 17 | .4 | 2 | 8 | 31 | .13 | .083 | 10 | 16 | .25 | 62 | .05 | 4 | 1.32 | .03 | .07 | 3 | 70 |
| 138680 | 1 | 9 | 14 | 60 | .1 | 9 | 8 | 280 | 2.15 | 32 | 5 | ND | 5 | 39 | .5 | 3 | 3 | 31 | .30 | .065 | 17 | 19 | .55 | 122 | .09 | 2 | 1.91 | .04 | .17 | 1 | 20 |
| 138681 | 1 | 9 | 12 | 84 | .1 | 14 | 11 | 533 | 3.07 | 31 | 5 | ND | 14 | 50 | .8 | 3 | 3 | 44 | .56 | .085 | 36 | 30 | .95 | 159 | .17 | 7 | 2.40 | .03 | .40 | 2 | 30 |
| 138682 | 2 | 33 | 31 | 126 | .4 | 52 | 25 | 519 | 4.43 | 110 | 5 | ND | 19 | 86 | 1.0 | 4 | 2 | 45 | .73 | .072 | 32 | 29 | .87 | 134 | .09 | 5 | 2.33 | .05 | .26 | 23 | 5 |
| 138683 | 1 | 5 | 23 | 65 | .1 | 12 | 12 | 493 | 3.01 | 26 | 5 | ND | 20 | 93 | 1.1 | 2 | 6 | 43 | .94 | .065 | 35 | 28 | 1.02 | 158 | .15 | 3 | 2.45 | .05 | .30 | 35 | 10 |
| 138684 | 1 | 2 | 19 | 51 | .3 | 11 | 11 | 466 | 2.69 | 18 | 5 | ND | 18 | 114 | .9 | 6 | 15 | 39 | 1.20 | .064 | 33 | 27 | .99 | 146 | .11 | 4 | 2.67 | .04 | .32 | 63 | 10 |
| 138685 | 1 | 6 | 12 | 53 | .1 | 13 | 10 | 428 | 2.64 | 19 | 5 | ND | 12 | 107 | .6 | 2 | 4 | 39 | .94 | .060 | 29 | 23 | .94 | 162 | .11 | 5 | 2.76 | .06 | .28 | 16 | 5 |
| 138686 | 1 | 6 | 20 | 50 | .3 | 12 | 10 | 389 | 2.48 | 16 | 5 | ND | 16 | 105 | 1.3 | 5 | 6 | 39 | 1.16 | .060 | 30 | 21 | .92 | 135 | .13 | 2 | 2.60 | .06 | .30 | 16 | 5 |
| 138687 | 1 | 5 | 9 | 56 | .1 | 13 | 12 | 409 | 2.54 | 15 | 5 | ND | 17 | 112 | 1.1 | 2 | 7 | 40 | 1.22 | .062 | 30 | 23 | .97 | 146 | .13 | 5 | 2.74 | .06 | .32 | 12 | 5 |
| 138688 | 1 | 3 | 19 | 54 | .2 | 10 | 10 | 381 | 2.42 | 9 | 5 | ND | 17 | 79 | 1.2 | 2 | 5 | 38 | .86 | .060 | 33 | 28 | .97 | 157 | .16 | 2 | 2.39 | .07 | .29 | 12 | 10 |
| STANDARD C | 19 | 59 | 41 | 130 | 7.0 | 72 | 32 | 1055 | 3.98 | 40 | 17 | 7 | 36 | 53 | 18.5 | 15 | 18 | 55 | .60 | .099 | 37 | 56 | .90 | 182 | .07 | 37 | 1.89 | .06 | .14 | 11 | 1500 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10000E 19200N | 5 | 7 | 10 | 38 | .2 | 6 | 1 | 65 | .99 | 10 | 5 | ND | 1 | 8 | .3 | 2 | 3 | 50 | .01 | .041 | 7 | 6 | .02 | 139 | .01 | 3 | .49 | .01 | .04 | 1 | 10 |
| 10000E 19250N | 8 | 23 | 19 | 74 | 1.0 | 9 | 4 | 129 | 3.60 | 29 | 5 | ND | 1 | 32 | .2 | 8 | 2 | 57 | .05 | .151 | 9 | 25 | .13 | 374 | .01 | 3 | 1.08 | .01 | .09 | 1 | 50 |
| 10000E 19300N | 7 | 13 | 16 | 59 | .7 | 5 | 2 | 32 | 1.96 | 23 | 5 | ND | 1 | 16 | .2 | 6 | 4 | 73 | .01 | .061 | 8 | 10 | .04 | 229 | .01 | 2 | .68 | .01 | .06 | 1 | 20 |
| 10000E 19350N | 11 | 26 | 34 | 90 | 1.0 | 10 | 6 | 73 | 6.26 | 62 | 5 | ND | 2 | 44 | .2 | 10 | 6 | 72 | .05 | .083 | 15 | 30 | .19 | 343 | .01 | 6 | 1.60 | .01 | .08 | 2 | 50 |
| 10000E 19400N | 10 | 29 | 24 | 92 | 1.2 | 11 | 5 | 73 | 4.66 | 73 | 5 | ND | 1 | 43 | .2 | 10 | 6 | 65 | .03 | .106 | 15 | 22 | .16 | 340 | .01 | 2 | 1.41 | .02 | .08 | 1 | 40 |
| 10000E 19450N | 2 | 26 | 10 | 34 | 1.0 | 5 | 3 | 47 | 2.15 | 57 | 5 | ND | 1 | 10 | .4 | 4 | 2 | 23 | .05 | .069 | 11 | 12 | .17 | 148 | .02 | 2 | 1.33 | .03 | .07 | 1 | 50 |
| 10000E 19500N | 5 | 31 | 10 | 63 | .6 | 12 | 5 | 76 | 2.74 | 106 | 5 | ND | 1 | 19 | .5 | 3 | 2 | 50 | .04 | .060 | 18 | 18 | .22 | 238 | .03 | 4 | 1.43 | .01 | .08 | 1 | 40 |
| 10000E 19550N | 1 | 13 | 5 | 24 | .2 | 3 | 2 | 40 | .94 | 27 | 5 | ND | 1 | 15 | .6 | 3 | 4 | 19 | .20 | .078 | 6 | 5 | .09 | 74 | .03 | 4 | .95 | .03 | .03 | 1 | 20 |
| 10000E 19600N | 2 | 60 | 9 | 50 | 1.5 | 10 | 4 | 71 | 1.95 | 88 | 5 | ND | 1 | 12 | 1.1 | 4 | 2 | 24 | .07 | .108 | 10 | 14 | .24 | 174 | .02 | 2 | 2.05 | .02 | .07 | 1 | 80 |
| 10000E 19650N | 3 | 29 | 13 | 26 | .1 | 3 | 3 | 44 | 2.68 | 185 | 5 | ND | 1 | 14 | .2 | 2 | 5 | 34 | .03 | .047 | 13 | 12 | .15 | 209 | .03 | 3 | 1.12 | .02 | .07 | 1 | 30 |
| 10000E 19700N | 2 | 36 | 15 | 31 | .3 | 8 | 5 | 90 | 3.60 | 144 | 5 | ND | 2 | 10 | .7 | 3 | 2 | 42 | .04 | .051 | 15 | 18 | .23 | 168 | .06 | 2 | 1.70 | .01 | .08 | 2 | 30 |
| 10000E 19750N | 1 | 28 | 10 | 39 | .3 | 9 | 5 | 87 | 2.19 | 92 | 5 | ND | 1 | 13 | .3 | 3 | 2 | 24 | .08 | .059 | 12 | 15 | .26 | 165 | .05 | 3 | 2.11 | .03 | .10 | 1 | 50 |
| 10000E 19800N | 2 | 27 | 15 | 59 | .1 | 12 | 7 | 165 | 4.34 | 100 | 5 | ND | 2 | 11 | .4 | 5 | 2 | 45 | .07 | .054 | 10 | 28 | .53 | 167 | .10 | 5 | 1.97 | .01 | .17 | 1 | 40 |
| 10000E 19850N | 1 | 20 | 4 | 31 | .1 | 5 | 3 | 53 | 1.42 | 28 | 5 | ND | 1 | 13 | .4 | 2 | 2 | 20 | .09 | .044 | 7 | 10 | .18 | 116 | .05 | 2 | 1.40 | .04 | .06 | 1 | 20 |
| 10000E 19900N | 1 | 35 | 22 | 58 | .4 | 11 | 7 | 138 | 2.51 | 78 | 5 | ND | 2 | 16 | .6 | 2 | 4 | 36 | .12 | .062 | 17 | 22 | .45 | 345 | .09 | 3 | 2.73 | .02 | .17 | 1 | 30 |
| 10000E 19950N | 1 | 6 | 2 | 9 | .1 | 1 | 1 | 19 | .44 | 2 | 5 | ND | 1 | 9 | .4 | 2 | 3 | 10 | .06 | .022 | 2 | 2 | .03 | 28 | .02 | 2 | .53 | .06 | .04 | 1 | 20 |
| 10000E 20050N | 3 | 116 | 11 | 103 | .4 | 43 | 13 | 279 | 7.12 | 278 | 5 | ND | 3 | 51 | .2 | 4 | 8 | 44 | .19 | .082 | 19 | 36 | .70 | 1127 | .06 | 3 | 2.72 | .02 | .11 | 2 | 20 |
| 10000E 20100N | 1 | 62 | 2 | 68 | .3 | 29 | 8 | 114 | 1.87 | 62 | 5 | ND | 3 | 30 | .6 | 2 | 2 | 26 | .15 | .048 | 12 | 21 | .49 | 419 | .09 | 6 | 2.88 | .02 | .18 | 1 | 30 |
| 10000E 20150N | 1 | 29 | 3 | 63 | .2 | 22 | 6 | 119 | 1.79 | 53 | 5 | ND | 1 | 36 | .4 | 2 | 4 | 27 | .21 | .051 | 15 | 21 | .44 | 538 | .07 | 4 | 2.52 | .02 | .14 | 1 | 40 |
| 10000E 20200N | 1 | 34 | 8 | 44 | .4 | 17 | 4 | 145 | 1.78 | 66 | 5 | ND | 1 | 29 | .5 | 2 | 3 | 24 | .16 | .057 | 8 | 17 | .27 | 424 | .04 | 2 | 1.43 | .04 | .07 | 1 | 40 |
| 10000E 20250N | 1 | 19 | 12 | 24 | .2 | 6 | 6 | 198 | 1.57 | 26 | 5 | ND | 1 | 16 | .7 | 2 | 2 | 30 | .14 | .065 | 8 | 7 | .10 | 139 | .05 | 2 | 1.21 | .06 | .04 | 2 | 30 |
| 10000E 20300N | 3 | 136 | 11 | 112 | .7 | 48 | 13 | 280 | 4.24 | 192 | 5 | ND | 2 | 37 | .6 | 3 | 3 | 46 | .17 | .072 | 16 | 37 | .66 | 915 | .07 | 6 | 2.88 | .02 | .16 | 2 | 30 |
| 10000E 20350N | 2 | 121 | 7 | 78 | .9 | 29 | 8 | 181 | 4.18 | 151 | 5 | ND | 2 | 39 | .6 | 4 | 3 | 38 | .12 | .060 | 15 | 30 | .50 | 1356 | .06 | 2 | 2.56 | .03 | .12 | 1 | 40 |
| 10000E 20400N | 4 | 177 | 23 | 142 | 1.0 | 63 | 18 | 441 | 6.52 | 274 | 5 | ND | 4 | 55 | .8 | 7 | 2 | 61 | .15 | .088 | 20 | 54 | .93 | 1423 | .07 | 4 | 3.31 | .02 | .16 | 2 | 30 |
| 10000E 20700N | 4 | 140 | 17 | 77 | .6 | 20 | 9 | 98 | 15.43 | 528 | 13 | ND | 17 | 153 | .2 | 9 | 2 | 53 | .15 | .234 | 22 | 36 | .67 | 217 | .04 | 4 | 3.66 | .06 | .19 | 1 | 20 |
| 10000E 20750N | 4 | 218 | 44 | 72 | 1.7 | 7 | 10 | 54 | 19.56 | 534 | 8 | ND | 7 | 80 | .5 | 10 | 9 | 92 | .06 | .318 | 13 | 49 | .26 | 260 | .02 | 2 | 2.48 | .04 | .15 | 2 | 10 |
| 10000E 20800N | 2 | 174 | 14 | 149 | .4 | 50 | 20 | 288 | 4.29 | 200 | 8 | ND | 7 | 153 | .4 | 2 | 8 | 50 | .69 | .081 | 27 | 33 | .83 | 1424 | .08 | 2 | 2.93 | .04 | .28 | 1 | 20 |
| 10000E 20850N | 1 | 40 | 15 | 72 | .1 | 11 | 10 | 452 | 2.76 | 76 | 5 | ND | 3 | 273 | .9 | 2 | 4 | 43 | .95 | .057 | 18 | 34 | .99 | 475 | .11 | 2 | 3.85 | .02 | .51 | 1 | 30 |
| 10000E 20900N | 1 | 250 | 13 | 78 | .9 | 14 | 10 | 304 | 2.58 | 136 | 5 | ND | 6 | 121 | .5 | 2 | 10 | 36 | .97 | .050 | 32 | 29 | .95 | 432 | .08 | 2 | 3.70 | .02 | .35 | 1 | 20 |
| 10000E 20950N | 1 | 50 | 10 | 47 | .3 | 9 | 9 | 234 | 2.20 | 50 | 5 | ND | 3 | 80 | 1.3 | 2 | 10 | 35 | .56 | .047 | 17 | 27 | .75 | 339 | .11 | 2 | 2.10 | .03 | .34 | 3 | 30 |
| 10000E 21000N | 1 | 36 | 15 | 60 | .2 | 8 | 14 | 420 | 2.93 | 18 | 8 | ND | 24 | 251 | 1.0 | 2 | 7 | 44 | 1.42 | .071 | 46 | 40 | 1.30 | 450 | .19 | 2 | 3.89 | .03 | .77 | 5 | 30 |
| 10200E 19200N | 10 | 21 | 15 | 95 | .7 | 10 | 2 | 27 | 1.57 | 16 | 5 | ND | 1 | 25 | .5 | 3 | 2 | 72 | .01 | .097 | 14 | 12 | .03 | 386 | .01 | 3 | .74 | .02 | .06 | 3 | 20 |
| 10200E 19250N | 14 | 22 | 34 | 116 | 4.1 | 11 | 3 | 25 | 2.95 | 27 | 5 | ND | 1 | 67 | .4 | 7 | 5 | 106 | .03 | .186 | 16 | 19 | .04 | 695 | .01 | 4 | .85 | .01 | .11 | 2 | 120 |
| 10200E 19300N | 9 | 22 | 23 | 61 | .4 | 8 | 4 | 43 | 4.21 | 104 | 5 | ND | 1 | 29 | .2 | 7 | 2 | 54 | .02 | .107 | 18 | 16 | .12 | 309 | .01 | 2 | 1.31 | .02 | .06 | 1 | 30 |
| 10200E 19350N | 4 | 27 | 17 | 38 | .7 | 6 | 3 | 36 | 2.70 | 59 | 5 | ND | 1 | 13 | .2 | 4 | 2 | 35 | .04 | .142 | 12 | 11 | .10 | 123 | .01 | 2 | 1.44 | .03 | .05 | 2 | 60 |
| 10200E 19400N | 2 | 20 | 8 | 23 | .2 | 2 | 2 | 30 | 1.29 | 23 | 5 | ND | 1 | 13 | .4 | 2 | 2 | 28 | .08 | .058 | 7 | 5 | .04 | 63 | .02 | 5 | .87 | .05 | .03 | 1 | 20 |
| STANDARD C | 18 | 58 | 41 | 131 | 7.0 | 73 | 32 | 1050 | 3.96 | 41 | 21 | 7 | 37 | 53 | 18.9 | 15 | 20 | 56 | .51 | .096 | 37 | 57 | .89 | 180 | .07 | 36 | 1.91 | .06 | .14 | 12 | 1400 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10200E 19450N | 3 | 26 | 4 | 29 | .2 | 6 | 3 | 50 | 2.14 | 52 | 5 | ND | 1 | 6 | .5 | 2 | 2 | 19 | .04 | .061 | 9 | 7 | .08 | 32 | .02 | 2 | 1.01 | .03 | .03 | 1 | 40 |
| 10200E 19500N | 7 | 37 | 23 | 66 | 2.5 | 5 | 5 | 30 | 5.49 | 604 | 7 | ND | 2 | 11 | .5 | 12 | 2 | 32 | .03 | .070 | 12 | 11 | .09 | 77 | .01 | 2 | .93 | .02 | .03 | 1 | 50 |
| 10200E 19550N | 3 | 70 | 10 | 44 | 8.4 | 15 | 4 | 33 | 2.25 | 44 | 12 | ND | 1 | 8 | 1.2 | 2 | 2 | 20 | .04 | .176 | 13 | 12 | .07 | 68 | .01 | 5 | 1.89 | .02 | .03 | 1 | 250 |
| 10200E 19600N | 5 | 22 | 25 | 50 | .2 | 9 | 4 | 42 | 2.90 | 90 | 5 | ND | 1 | 15 | .3 | 2 | 4 | 62 | .03 | .101 | 19 | 16 | .09 | 190 | .02 | 3 | 1.11 | .01 | .05 | 2 | 40 |
| 10200E 19650N | 4 | 33 | 16 | 43 | .2 | 10 | 4 | 43 | 2.41 | 48 | 5 | ND | 1 | 14 | .4 | 2 | 2 | 70 | .03 | .083 | 20 | 17 | .09 | 235 | .03 | 3 | 1.32 | .01 | .04 | 1 | 30 |
| 10200E 19700N | 3 | 28 | 20 | 52 | .1 | 9 | 4 | 70 | 2.83 | 73 | 5 | ND | 1 | 17 | .8 | 2 | 7 | 53 | .05 | .055 | 14 | 21 | .24 | 207 | .05 | 5 | 1.41 | .01 | .07 | 1 | 40 |
| 10200E 19750N | 5 | 27 | 19 | 70 | .3 | 15 | 6 | 128 | 3.71 | 88 | 5 | ND | 1 | 17 | 1.4 | 4 | 2 | 60 | .05 | .075 | 16 | 26 | .27 | 238 | .03 | 4 | 1.50 | .01 | .06 | 1 | 30 |
| 10200E 19800N | 2 | 61 | 14 | 48 | .2 | 13 | 6 | 97 | 4.41 | 295 | 5 | ND | 3 | 14 | .3 | 2 | 2 | 38 | .01 | .091 | 21 | 21 | .44 | 479 | .02 | 6 | 1.77 | .01 | .13 | 1 | 10 |
| 10200E 19850N | 1 | 18 | 4 | 19 | .3 | 3 | 2 | 17 | 1.69 | 32 | 5 | ND | 1 | 8 | .9 | 2 | 2 | 17 | .05 | .080 | 5 | 8 | .05 | 107 | .02 | 4 | 1.00 | .03 | .02 | 1 | 40 |
| 10200E 19900N | 2 | 41 | 5 | 48 | .1 | 5 | 12 | 23 | 25.34 | 114 | 5 | ND | 3 | 6 | .2 | 2 | 2 | 21 | .03 | .163 | 5 | 11 | .03 | 46 | .03 | 2 | 1.10 | .01 | .02 | 2 | 30 |
| 10200E 19950N | 2 | 25 | 12 | 29 | .1 | 5 | 3 | 35 | 1.97 | 113 | 5 | ND | 1 | 9 | .7 | 2 | 2 | 33 | .05 | .063 | 9 | 10 | .08 | 101 | .03 | 2 | .98 | .02 | .03 | 1 | 20 |
| 10200E 20050N | 2 | 24 | 6 | 52 | .2 | 13 | 5 | 85 | 2.26 | 41 | 5 | ND | 1 | 11 | .8 | 2 | 6 | 37 | .07 | .066 | 10 | 17 | .29 | 91 | .05 | 6 | 1.77 | .02 | .08 | 1 | 50 |
| 10200E 20100N | 1 | 15 | 8 | 46 | .1 | 10 | 4 | 70 | 2.13 | 24 | 5 | ND | 1 | 10 | .5 | 2 | 3 | 28 | .05 | .050 | 7 | 13 | .19 | 82 | .04 | 2 | 1.42 | .03 | .07 | 1 | 30 |
| 10200E 20150N | 2 | 32 | 8 | 73 | .1 | 17 | 6 | 115 | 2.69 | 79 | 5 | ND | 2 | 19 | 1.0 | 2 | 2 | 34 | .12 | .076 | 16 | 17 | .28 | 297 | .06 | 3 | 2.30 | .02 | .11 | 1 | 50 |
| 10200E 20200N | 2 | 21 | 8 | 41 | .2 | 7 | 5 | 198 | 1.74 | 33 | 5 | ND | 1 | 12 | .9 | 2 | 2 | 28 | .07 | .046 | 9 | 13 | .20 | 226 | .06 | 3 | 1.57 | .03 | .07 | 2 | 30 |
| 10200E 20250N | 1 | 70 | 7 | 74 | .5 | 24 | 15 | 271 | 4.00 | 70 | 5 | ND | 11 | 17 | 1.3 | 2 | 2 | 34 | .11 | .077 | 21 | 26 | .63 | 1662 | .12 | 2 | 3.42 | .02 | .24 | 1 | 20 |
| 10200E 20300N | 1 | 59 | 12 | 84 | .2 | 45 | 10 | 196 | 2.34 | 74 | 5 | ND | 8 | 43 | .9 | 2 | 3 | 35 | .20 | .041 | 22 | 28 | .73 | 300 | .13 | 4 | 3.76 | .02 | .29 | 2 | 40 |
| 10200E 20350N | 1 | 50 | 3 | 67 | .5 | 32 | 11 | 206 | 2.34 | 60 | 5 | ND | 3 | 22 | .8 | 2 | 2 | 30 | .13 | .073 | 23 | 24 | .52 | 170 | .09 | 7 | 3.04 | .02 | .19 | 1 | 30 |
| 10200E 20400N | 1 | 64 | 12 | 65 | .3 | 23 | 10 | 249 | 3.51 | 138 | 5 | ND | 4 | 40 | .7 | 2 | 2 | 37 | .19 | .065 | 20 | 28 | .59 | 394 | .09 | 3 | 2.94 | .02 | .20 | 2 | 40 |
| 10200E 20450N | 1 | 46 | 11 | 60 | .3 | 24 | 9 | 192 | 3.08 | 126 | 5 | ND | 6 | 53 | 1.1 | 2 | 4 | 35 | .22 | .053 | 18 | 28 | .62 | 479 | .09 | 2 | 3.34 | .03 | .18 | 1 | 30 |
| 10200E 20500N | 3 | 118 | 19 | 58 | 3.0 | 11 | 11 | 128 | 15.20 | 154 | 5 | ND | 4 | 14 | .2 | 2 | 6 | 64 | .08 | .317 | 9 | 33 | .41 | 163 | .06 | 2 | 1.79 | .01 | .18 | 1 | 60 |
| 10200E 20550N | 1 | 57 | 15 | 67 | .1 | 13 | 9 | 215 | 2.62 | 70 | 5 | ND | 3 | 36 | 1.1 | 2 | 5 | 36 | .32 | .051 | 15 | 26 | .65 | 647 | .09 | 4 | 2.54 | .03 | .23 | 1 | 10 |
| 10200E 20600N | 1 | 6 | 4 | 15 | .2 | 1 | 3 | 99 | .65 | 4 | 5 | ND | 1 | 15 | .9 | 2 | 3 | 11 | .13 | .044 | 3 | 3 | .04 | 100 | .03 | 4 | .70 | .05 | .03 | 1 | 10 |
| 10200E 20650N | 1 | 125 | 15 | 114 | .4 | 35 | 13 | 202 | 3.79 | 216 | 5 | ND | 8 | 109 | 1.2 | 2 | 5 | 43 | .52 | .078 | 27 | 30 | .75 | 1025 | .07 | 4 | 2.50 | .03 | .24 | 1 | 5 |
| 10200E 20750N | 1 | 195 | 11 | 148 | .2 | 54 | 20 | 277 | 3.56 | 201 | 5 | ND | 12 | 139 | 1.4 | 2 | 3 | 51 | .75 | .072 | 33 | 36 | .96 | 616 | .10 | 2 | 2.98 | .03 | .33 | 1 | 10 |
| 10200E 20850N | 1 | 66 | 13 | 53 | .1 | 9 | 8 | 305 | 2.11 | 93 | 5 | ND | 4 | 148 | 1.0 | 2 | 7 | 31 | .65 | .056 | 25 | 25 | .68 | 362 | .07 | 2 | 2.83 | .03 | .31 | 2 | 30 |
| 10200E 20900N | 1 | 110 | 22 | 61 | .2 | 9 | 10 | 260 | 2.38 | 95 | 6 | ND | 12 | 168 | .5 | 2 | 13 | 33 | 1.26 | .054 | 33 | 28 | .88 | 344 | .09 | 5 | 3.29 | .04 | .36 | 2 | 5 |
| 10200E 20950N | 1 | 40 | 12 | 56 | .1 | 10 | 10 | 403 | 2.16 | 70 | 5 | ND | 3 | 109 | .8 | 2 | 6 | 32 | .61 | .053 | 20 | 27 | .69 | 388 | .10 | 3 | 2.60 | .01 | .38 | 1 | 50 |
| 10400E 19200N | 6 | 19 | 16 | 69 | .4 | 13 | 4 | 82 | 2.81 | 36 | 5 | ND | 1 | 12 | .7 | 3 | 3 | 51 | .04 | .059 | 13 | 20 | .18 | 92 | .02 | 4 | 1.31 | .01 | .05 | 1 | 60 |
| 10400E 19250N | 5 | 10 | 7 | 38 | .4 | 2 | 2 | 27 | 1.43 | 26 | 5 | ND | 2 | 8 | .9 | 5 | 2 | 44 | .03 | .039 | 14 | 7 | .03 | 52 | .01 | 2 | .35 | .02 | .03 | 1 | 30 |
| 10400E 19300N | 5 | 20 | 19 | 51 | .6 | 7 | 3 | 38 | 2.30 | 71 | 5 | ND | 1 | 8 | .6 | 8 | 2 | 32 | .02 | .057 | 11 | 12 | .12 | 56 | .01 | 3 | .70 | .02 | .03 | 1 | 40 |
| 10400E 19350N | 8 | 17 | 18 | 47 | .1 | 4 | 3 | 42 | 2.44 | 68 | 5 | ND | 1 | 9 | .7 | 7 | 5 | 69 | .03 | .073 | 15 | 11 | .03 | 74 | .01 | 4 | .53 | .01 | .03 | 1 | 30 |
| 10400E 19400N | 9 | 24 | 10 | 66 | .2 | 6 | 4 | 41 | 3.10 | 90 | 5 | ND | 1 | 10 | .3 | 11 | 2 | 72 | .02 | .073 | 14 | 10 | .02 | 71 | .01 | 2 | .61 | .02 | .02 | 1 | 40 |
| 10400E 19450N | 7 | 14 | 14 | 57 | .4 | 4 | 3 | 43 | 1.84 | 41 | 5 | ND | 1 | 10 | .9 | 6 | 2 | 52 | .04 | .086 | 11 | 10 | .05 | 62 | .01 | 2 | .40 | .02 | .03 | 1 | 50 |
| 10400E 19500N | 10 | 40 | 26 | 104 | .3 | 14 | 7 | 152 | 6.12 | 221 | 5 | ND | 2 | 15 | .2 | 20 | 2 | 50 | .03 | .110 | 17 | 23 | .31 | 113 | .02 | 2 | 1.22 | .01 | .04 | 1 | 30 |
| 10400E 19550N | 1 | 6 | 7 | 18 | .2 | 1 | 2 | 28 | .73 | 8 | 5 | ND | 1 | 9 | 1.1 | 2 | 4 | 16 | .05 | .032 | 3 | 3 | .03 | 24 | .02 | 2 | .45 | .03 | .02 | 1 | 20 |
| STANDARD C | 19 | 58 | 40 | 132 | 6.6 | 71 | 32 | 1052 | 3.96 | 40 | 20 | 7 | 37 | 53 | 18.4 | 15 | 17 | 55 | .52 | .096 | 37 | 58 | .89 | 180 | .07 | 35 | 1.88 | .06 | .14 | 12 | 1300 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10400E 19600N | 9 | 28 | 33 | 201 | 1.3 | 21 | 6 | 75 | 3.28 | 127 | 5 | ND | 1 | 32 | .5 | 21 | 2 | 56 | .03 | .045 | 13 | 8 | .05 | 136 | .01 | 6 | .60 | .01 | .04 | 1 | 80 |
| 10400E 19650N | 1 | 6 | 5 | 21 | .1 | 4 | 1 | 42 | .86 | 4 | 5 | ND | 1 | 11 | .2 | 2 | 2 | 25 | .08 | .039 | 3 | 3 | .03 | 22 | .04 | 3 | .73 | .04 | .03 | 1 | 20 |
| 10400E 19700N | 2 | 28 | 19 | 80 | .3 | 12 | 5 | 112 | 2.83 | 91 | 5 | ND | 1 | 25 | 1.2 | 2 | 4 | 36 | .08 | .065 | 12 | 16 | .23 | 253 | .04 | 5 | 1.88 | .02 | .06 | 1 | 40 |
| 10400E 19750N | 2 | 11 | 3 | 48 | .1 | 5 | 1 | 40 | 1.51 | 55 | 5 | ND | 1 | 10 | .7 | 2 | 2 | 27 | .03 | .046 | 8 | 5 | .06 | 50 | .02 | 5 | .74 | .03 | .03 | 1 | 30 |
| 10400E 19800N | 3 | 21 | 17 | 59 | .1 | 10 | 4 | 86 | 2.83 | 77 | 5 | ND | 1 | 15 | .5 | 2 | 4 | 50 | .07 | .058 | 15 | 17 | .19 | 126 | .04 | 4 | 1.41 | .01 | .06 | 1 | 30 |
| 10400E 19850N | 11 | 48 | 27 | 111 | .1 | 24 | 5 | 162 | 7.58 | 73 | 5 | ND | 1 | 19 | .8 | 7 | 2 | 46 | .02 | .181 | 15 | 21 | .33 | 83 | .02 | 3 | 2.15 | .01 | .06 | 1 | 80 |
| 10400E 19900N | 2 | 26 | 4 | 49 | .2 | 5 | 2 | 78 | 2.52 | 42 | 5 | ND | 1 | 8 | .9 | 3 | 3 | 22 | .04 | .075 | 6 | 5 | .07 | 41 | .02 | 4 | .78 | .03 | .03 | 1 | 50 |
| 10400E 19950N | 9 | 39 | 26 | 101 | .3 | 12 | 4 | 103 | 6.55 | 369 | 5 | ND | 2 | 13 | .8 | 12 | 2 | 41 | .02 | .105 | 23 | 15 | .27 | 168 | .02 | 3 | 1.66 | .01 | .06 | 1 | 30 |
| 10400E 20000N | 1 | 29 | 6 | 38 | .1 | 7 | 6 | 106 | 1.37 | 36 | 8 | ND | 2 | 47 | .6 | 2 | 2 | 25 | .17 | .049 | 15 | 18 | .39 | 219 | .08 | 5 | 1.99 | .03 | .13 | 2 | 20 |
| 10400E 20050N | 1 | 4 | 7 | 16 | .1 | 2 | 1 | 23 | .35 | 5 | 5 | ND | 1 | 10 | .2 | 2 | 2 | 10 | .06 | .031 | 2 | 3 | .03 | 18 | .03 | 5 | .69 | .04 | .03 | 1 | 20 |
| 10400E 20050N DUPLICATE | 1 | 54 | 14 | 48 | .1 | 13 | 10 | 205 | 2.44 | 66 | 5 | ND | 10 | 73 | .4 | 2 | 5 | 42 | .27 | .054 | 26 | 36 | .85 | 381 | .17 | 3 | 3.51 | .03 | .34 | 2 | 20 |
| 10400E 20100N | 2 | 33 | 15 | 59 | .4 | 7 | 4 | 121 | 4.90 | 397 | 5 | ND | 1 | 11 | .9 | 2 | 2 | 34 | .05 | .078 | 10 | 9 | .16 | 89 | .04 | 3 | 1.61 | .01 | .06 | 1 | 70 |
| 10400E 20150N | 2 | 38 | 6 | 51 | .2 | 6 | 3 | 112 | 4.57 | 134 | 5 | ND | 1 | 8 | .5 | 3 | 7 | 33 | .04 | .075 | 7 | 15 | .23 | 77 | .05 | 6 | 1.62 | .02 | .08 | 1 | 60 |
| 10400E 20200N | 1 | 40 | 8 | 70 | .3 | 15 | 6 | 135 | 2.68 | 122 | 6 | ND | 3 | 18 | .5 | 2 | 5 | 43 | .10 | .048 | 15 | 24 | .42 | 227 | .09 | 8 | 2.29 | .02 | .13 | 1 | 30 |
| 10400E 20250N | 2 | 30 | 14 | 87 | .5 | 15 | 4 | 153 | 1.87 | 67 | 5 | ND | 1 | 12 | .4 | 2 | 2 | 32 | .07 | .071 | 12 | 14 | .20 | 130 | .04 | 3 | 2.22 | .02 | .06 | 1 | 60 |
| 10400E 20300N | 1 | 12 | 12 | 25 | .2 | 4 | 3 | 94 | 1.79 | 30 | 5 | ND | 2 | 14 | .7 | 2 | 2 | 33 | .07 | .049 | 10 | 16 | .17 | 137 | .10 | 4 | 2.08 | .02 | .07 | 1 | 50 |
| 10400E 20350N | 1 | 26 | 5 | 37 | .2 | 9 | 7 | 162 | 1.88 | 39 | 5 | ND | 4 | 74 | .6 | 2 | 2 | 33 | .20 | .053 | 23 | 27 | .59 | 307 | .12 | 5 | 3.00 | .03 | .22 | 1 | 20 |
| 10400E 20400N | 1 | 27 | 11 | 37 | .1 | 9 | 6 | 123 | 1.60 | 75 | 10 | ND | 8 | 85 | .5 | 2 | 3 | 29 | .22 | .066 | 29 | 26 | .50 | 376 | .10 | 5 | 3.08 | .03 | .20 | 3 | 30 |
| 10400E 20450N | 1 | 15 | 4 | 35 | .1 | 3 | 3 | 67 | 1.09 | 17 | 5 | ND | 1 | 34 | .9 | 2 | 2 | 22 | .16 | .053 | 14 | 14 | .22 | 172 | .06 | 6 | 1.74 | .03 | .08 | 1 | 30 |
| 10400E 20500N | 1 | 13 | 2 | 27 | .1 | 3 | 2 | 61 | .73 | 7 | 5 | ND | 1 | 13 | .2 | 2 | 3 | 17 | .07 | .042 | 6 | 7 | .08 | 69 | .04 | 5 | 1.15 | .03 | .04 | 1 | 30 |
| 10400E 20550N | 1 | 23 | 9 | 55 | .1 | 7 | 4 | 119 | 2.18 | 34 | 6 | ND | 1 | 13 | 1.0 | 2 | 6 | 35 | .07 | .054 | 12 | 18 | .27 | 111 | .08 | 5 | 1.83 | .01 | .09 | 1 | 40 |
| 10400E 20700N | 1 | 166 | 9 | 131 | .4 | 35 | 18 | 333 | 3.35 | 172 | 5 | ND | 12 | 187 | 1.5 | 6 | 14 | 48 | 1.15 | .064 | 29 | 41 | 1.14 | 805 | .13 | 2 | 3.90 | .05 | .40 | 1 | 10 |
| 10400E 20750N | 1 | 84 | 18 | 57 | .3 | 8 | 10 | 259 | 2.30 | 81 | 5 | ND | 15 | 187 | 1.2 | 4 | 17 | 35 | 1.38 | .056 | 33 | 35 | .96 | 278 | .12 | 2 | 3.50 | .05 | .43 | 1 | 10 |
| 10400E 20800N | 1 | 86 | 11 | 71 | .1 | 7 | 11 | 267 | 2.39 | 105 | 5 | ND | 11 | 163 | .8 | 5 | 16 | 36 | 1.32 | .057 | 35 | 36 | .99 | 260 | .12 | 3 | 3.66 | .04 | .44 | 1 | 10 |
| 10400E 20850N | 1 | 62 | 15 | 46 | .1 | 10 | 9 | 218 | 2.17 | 72 | 5 | ND | 6 | 170 | .3 | 2 | 13 | 33 | 1.01 | .054 | 25 | 33 | .79 | 267 | .11 | 2 | 3.22 | .05 | .34 | 2 | 50 |
| 10400E 20900N | 1 | 70 | 11 | 50 | .1 | 7 | 10 | 276 | 2.24 | 106 | 5 | ND | 11 | 209 | .6 | 6 | 16 | 35 | 1.18 | .051 | 31 | 37 | .91 | 278 | .12 | 2 | 3.32 | .04 | .40 | 1 | 10 |
| 10400E 20950N | 1 | 30 | 2 | 6 | .1 | 2 | 4 | 88 | .78 | 53 | 5 | ND | 2 | 65 | .2 | 4 | 6 | 12 | .35 | .018 | 9 | 14 | .28 | 119 | .04 | 2 | 1.15 | .02 | .13 | 1 | 20 |
| 10400E 21000N | 1 | 58 | 13 | 57 | .1 | 5 | 8 | 216 | 1.86 | 156 | 5 | ND | 4 | 165 | .3 | 2 | 18 | 30 | .75 | .046 | 21 | 26 | .65 | 309 | .09 | 2 | 2.55 | .03 | .31 | 7 | 30 |
| 10600E 19200N | 3 | 15 | 12 | 43 | .1 | 5 | 2 | 81 | 2.58 | 36 | 5 | ND | 2 | 23 | .3 | 2 | 2 | 24 | .08 | .045 | 12 | 13 | .24 | 133 | .01 | 2 | .84 | .01 | .06 | 1 | 40 |
| 10600E 19250N | 9 | 29 | 34 | 95 | .4 | 10 | 3 | 111 | 6.31 | 49 | 5 | ND | 7 | 23 | .2 | 5 | 5 | 45 | .01 | .118 | 14 | 24 | .32 | 566 | .01 | 2 | 1.19 | .01 | .08 | 3 | 30 |
| 10600E 19300N | 1 | 6 | 4 | 33 | .1 | 1 | 2 | 48 | .90 | 4 | 5 | ND | 1 | 11 | .2 | 2 | 2 | 26 | .07 | .027 | 2 | 3 | .05 | 20 | .03 | 7 | .37 | .04 | .02 | 1 | 20 |
| 10600E 19350N | 3 | 10 | 9 | 35 | .1 | 2 | 2 | 64 | 1.39 | 23 | 5 | ND | 1 | 8 | .4 | 5 | 2 | 36 | .03 | .041 | 11 | 7 | .04 | 48 | .02 | 4 | .55 | .03 | .03 | 1 | 20 |
| 10600E 19400N | 2 | 9 | 2 | 28 | .2 | 1 | 1 | 41 | .90 | 16 | 5 | ND | 1 | 10 | .2 | 3 | 2 | 26 | .04 | .022 | 6 | 3 | .03 | 33 | .03 | 3 | .28 | .03 | .02 | 1 | 20 |
| 10600E 19450N | 1 | 9 | 5 | 15 | .6 | 1 | 1 | 62 | .81 | 9 | 5 | ND | 1 | 13 | .2 | 6 | 2 | 19 | .12 | .051 | 7 | 7 | .09 | 39 | .02 | 3 | .47 | .04 | .03 | 1 | 40 |
| 10600E 19500N | 14 | 40 | 34 | 38 | 1.2 | 5 | 3 | 112 | 4.50 | 71 | 5 | ND | 10 | 13 | .3 | 24 | 2 | 62 | .04 | .125 | 18 | 22 | .24 | 112 | .01 | 3 | .90 | .03 | .04 | 1 | 30 |
| 10600E 19550N | 30 | 115 | 79 | 70 | 3.5 | 6 | 4 | 123 | 14.67 | 203 | 5 | ND | 29 | 21 | .2 | 72 | 2 | 116 | .03 | .376 | 21 | 59 | .30 | 221 | .01 | 3 | 1.29 | .01 | .06 | 1 | 80 |
| STANDARD C | 18 | 63 | 40 | 133 | 7.2 | 73 | 31 | 1054 | 3.97 | 40 | 17 | 7 | 38 | 52 | 19.0 | 15 | 22 | 56 | .51 | .095 | 38 | 60 | .89 | 187 | .07 | 36 | 1.88 | .06 | .13 | 13 | 1600 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10600E 19600N | 27 | 67 | 62 | 93 | 2.4 | 20 | 2 | 93 | 7.59 | 229 | 5 | ND | 14 | 30 | .5 | 48 | 2 | 116 | .02 | .192 | 25 | 34 | .23 | 138 | .01 | 2 | .99 | .01 | .05 | 1 | 70 |
| 10600E 19650N | 51 | 85 | 132 | 268 | 2.9 | 25 | 4 | 116 | 15.12 | 362 | 5 | ND | 19 | 28 | .2 | 95 | 2 | 154 | .02 | .350 | 19 | 51 | .25 | 150 | .01 | 2 | 1.09 | .01 | .05 | 1 | 80 |
| 10600E 19700N | 26 | 145 | 63 | 100 | 1.3 | 9 | 3 | 128 | 15.82 | 284 | 5 | ND | 14 | 15 | .4 | 58 | 2 | 110 | .02 | .250 | 24 | 47 | .34 | 72 | .01 | 2 | 1.14 | .01 | .03 | 1 | 40 |
| 10600E 20050N | 45 | 104 | 56 | 196 | 1.0 | 61 | 5 | 141 | 19.97 | 977 | 6 | ND | 10 | 38 | 3.2 | 24 | 2 | 18 | .01 | .325 | 5 | 15 | .68 | 37 | .01 | 2 | 4.06 | .01 | .04 | 1 | 20 |
| 10600E 20100N | 24 | 102 | 23 | 508 | .5 | 84 | 14 | 160 | 17.33 | 560 | 8 | ND | 12 | 19 | 2.3 | 11 | 5 | 15 | .03 | .310 | 6 | 16 | .43 | 43 | .01 | 2 | 4.19 | .01 | .03 | 1 | 40 |
| 10600E 20150N | 6 | 258 | 32 | 248 | 1.1 | 55 | 8 | 124 | 6.04 | 1256 | 21 | ND | 8 | 28 | .3 | 2 | 2 | 46 | .05 | .117 | 9 | 19 | .57 | 173 | .04 | 2 | 7.93 | .02 | .15 | 1 | 90 |
| 10600E 20200N | 3 | 325 | 16 | 244 | .9 | 63 | 11 | 96 | 2.48 | 1041 | 33 | ND | 8 | 14 | 1.7 | 2 | 7 | 36 | .08 | .121 | 11 | 10 | .20 | 178 | .03 | 4 | 10.58 | .03 | .08 | 6 | 60 |
| 10600E 20250N | 1 | 64 | 12 | 26 | .3 | 8 | 1 | 22 | .42 | 53 | 5 | ND | 1 | 8 | .6 | 2 | 2 | 8 | .05 | .039 | 5 | 2 | .03 | 23 | .03 | 6 | 1.35 | .05 | .02 | 2 | 20 |
| 10600E 20300N | 1 | 15 | 3 | 44 | .1 | 8 | 3 | 151 | 1.04 | 52 | 14 | ND | 1 | 11 | 1.4 | 2 | 4 | 22 | .08 | .054 | 6 | 6 | .07 | 79 | .04 | 8 | 1.03 | .04 | .04 | 2 | 30 |
| 10600E 20350N | 1 | 34 | 18 | 79 | .1 | 21 | 9 | 1115 | 3.32 | 276 | 5 | ND | 1 | 14 | .9 | 2 | 2 | 56 | .06 | .063 | 16 | 23 | .37 | 220 | .07 | 4 | 1.64 | .01 | .13 | 1 | 20 |
| 10600E 20400N | 2 | 32 | 13 | 69 | .1 | 16 | 5 | 259 | 2.55 | 61 | 6 | ND | 1 | 16 | 1.7 | 2 | 2 | 49 | .07 | .064 | 16 | 21 | .32 | 142 | .06 | 2 | 2.48 | .01 | .09 | 2 | 50 |
| 10600E 20450N | 1 | 27 | 18 | 49 | .1 | 12 | 5 | 142 | 1.71 | 84 | 8 | ND | 2 | 25 | 1.0 | 2 | 2 | 28 | .12 | .053 | 16 | 19 | .37 | 277 | .08 | 4 | 2.50 | .03 | .12 | 2 | 40 |
| 10600E 20500N | 1 | 21 | 9 | 39 | .1 | 8 | 5 | 130 | 2.00 | 28 | 8 | ND | 1 | 14 | 1.2 | 2 | 2 | 33 | .07 | .043 | 8 | 21 | .44 | 135 | .10 | 7 | 1.77 | .02 | .12 | 1 | 30 |
| 10600E 20550N | 1 | 25 | 21 | 57 | .1 | 16 | 5 | 162 | 2.54 | 41 | 5 | ND | 1 | 17 | .6 | 2 | 2 | 47 | .09 | .064 | 16 | 27 | .42 | 178 | .08 | 5 | 2.17 | .01 | .10 | 1 | 50 |
| 10600E 20600N | 1 | 29 | 22 | 73 | .1 | 13 | 5 | 160 | 2.28 | 36 | 5 | ND | 1 | 29 | 1.3 | 2 | 2 | 41 | .12 | .081 | 16 | 24 | .45 | 229 | .08 | 4 | 2.45 | .02 | .12 | 1 | 40 |
| 10600E 20650N | 1 | 28 | 2 | 28 | .1 | 9 | 6 | 128 | 1.22 | 17 | 5 | ND | 14 | 116 | .9 | 2 | 3 | 21 | .49 | .060 | 36 | 19 | .48 | 244 | .10 | 2 | 1.65 | .05 | .24 | 2 | 5 |
| 10600E 20700N | 1 | 30 | 15 | 46 | .1 | 13 | 7 | 155 | 1.66 | 34 | 5 | ND | 9 | 103 | 1.0 | 2 | 2 | 29 | .54 | .050 | 25 | 28 | .65 | 332 | .13 | 4 | 2.09 | .04 | .28 | 3 | 5 |
| 10600E 20700N DUPLICATE | 1 | 111 | 15 | 68 | .1 | 25 | 11 | 253 | 2.83 | 150 | 5 | ND | 4 | 110 | 1.3 | 2 | 11 | 39 | .95 | .061 | 26 | 32 | .80 | 1098 | .08 | 2 | 3.22 | .07 | .22 | 1 | 10 |
| 10600E 20750N | 1 | 68 | 17 | 57 | .1 | 17 | 10 | 215 | 2.21 | 25 | 5 | ND | 13 | 146 | 1.2 | 3 | 9 | 35 | 1.23 | .056 | 33 | 38 | .99 | 479 | .12 | 5 | 3.53 | .05 | .42 | 1 | 5 |
| 10600E 20800N | 1 | 117 | 13 | 53 | .2 | 14 | 13 | 248 | 3.02 | 96 | 5 | ND | 10 | 339 | 1.4 | 3 | 18 | 45 | 1.40 | .055 | 29 | 43 | 1.17 | 385 | .13 | 2 | 4.29 | .06 | .50 | 2 | 5 |
| 10600E 20850N | 1 | 126 | 10 | 55 | .2 | 10 | 12 | 238 | 2.77 | 253 | 5 | ND | 14 | 265 | 1.0 | 3 | 27 | 40 | 1.32 | .063 | 37 | 39 | 1.02 | 321 | .12 | 2 | 3.52 | .04 | .48 | 1 | 10 |
| 10600E 20900N | 1 | 104 | 14 | 57 | .4 | 11 | 12 | 225 | 2.67 | 218 | 5 | ND | 9 | 291 | 1.0 | 2 | 25 | 40 | 1.08 | .071 | 34 | 39 | .93 | 353 | .11 | 4 | 3.40 | .03 | .42 | 1 | 30 |
| 10600E 20950N | 1 | 95 | 22 | 59 | .3 | 13 | 10 | 212 | 2.61 | 188 | 5 | ND | 5 | 292 | 1.5 | 3 | 22 | 38 | 1.14 | .076 | 27 | 35 | .89 | 349 | .10 | 2 | 3.40 | .02 | .44 | 2 | 30 |
| 10600E 21000N | 1 | 173 | 10 | 61 | .3 | 15 | 14 | 293 | 2.70 | 154 | 5 | ND | 9 | 153 | 1.2 | 3 | 19 | 41 | 1.17 | .069 | 41 | 38 | 1.01 | 367 | .11 | 5 | 3.72 | .02 | .53 | 1 | 20 |
| 10800E 19200N | 7 | 7 | 64 | 37 | 1.5 | 19 | 1 | 112 | 3.33 | 40 | 5 | ND | 4 | 29 | .9 | 6 | 2 | 44 | .03 | .097 | 14 | 20 | .37 | 426 | .01 | 2 | 1.02 | .01 | .10 | 3 | 100 |
| 10800E 19250N | 8 | 31 | 28 | 115 | .3 | 12 | 4 | 123 | 6.68 | 97 | 5 | ND | 8 | 16 | .2 | 10 | 5 | 52 | .02 | .113 | 26 | 26 | .41 | 116 | .01 | 2 | 1.30 | .01 | .05 | 1 | 70 |
| 10800E 19300N | 7 | 42 | 21 | 110 | .1 | 15 | 3 | 101 | 6.71 | 187 | 5 | ND | 1 | 18 | .2 | 14 | 2 | 45 | .02 | .124 | 26 | 20 | .20 | 101 | .01 | 2 | 1.21 | .01 | .04 | 1 | 20 |
| 10800E 19350N | 5 | 29 | 15 | 75 | .3 | 14 | 3 | 225 | 3.34 | 140 | 5 | ND | 1 | 14 | 1.3 | 4 | 2 | 51 | .03 | .119 | 18 | 15 | .12 | 97 | .02 | 2 | 1.12 | .01 | .05 | 1 | 80 |
| 10800E 19400N | 1 | 8 | 7 | 19 | .1 | 3 | 2 | 123 | .92 | 13 | 9 | ND | 1 | 11 | .4 | 2 | 2 | 20 | .05 | .040 | 4 | 2 | .03 | 33 | .02 | 3 | .75 | .03 | .02 | 3 | 30 |
| 10800E 19450N | 10 | 38 | 98 | 96 | 1.6 | 9 | 2 | 64 | 3.82 | 334 | 5 | ND | 10 | 39 | 1.1 | 19 | 2 | 53 | .01 | .084 | 23 | 16 | .15 | 179 | .01 | 2 | .77 | .01 | .04 | 2 | 40 |
| 10800E 19500N | 7 | 59 | 27 | 84 | .2 | 10 | 3 | 123 | 5.22 | 156 | 5 | ND | 2 | 15 | .5 | 11 | 2 | 46 | .03 | .139 | 22 | 26 | .29 | 89 | .01 | 2 | 1.19 | .01 | .04 | 2 | 50 |
| 10800E 19550N | 19 | 83 | 48 | 82 | .9 | 19 | 4 | 249 | 7.65 | 184 | 5 | ND | 9 | 22 | .2 | 21 | 2 | 72 | .02 | .196 | 41 | 40 | .46 | 130 | .01 | 2 | 1.54 | .01 | .04 | 1 | 50 |
| 10800E 19600N | 5 | 71 | 24 | 96 | .1 | 14 | 4 | 153 | 6.83 | 156 | 5 | ND | 3 | 17 | .4 | 12 | 2 | 50 | .05 | .146 | 21 | 28 | .29 | 98 | .02 | 2 | 1.28 | .01 | .03 | 1 | 30 |
| 10800E 19650N | 7 | 79 | 31 | 100 | .2 | 18 | 5 | 149 | 7.30 | 497 | 5 | ND | 12 | 20 | .3 | 12 | 2 | 46 | .02 | .168 | 23 | 30 | .24 | 144 | .01 | 2 | 1.30 | .01 | .04 | 1 | 40 |
| 10800E 19700N | 6 | 259 | 15 | 116 | .4 | 16 | 4 | 109 | 25.18 | 421 | 5 | ND | 18 | 32 | 1.9 | 9 | 2 | 56 | .01 | .534 | 21 | 49 | .10 | 188 | .01 | 2 | 1.26 | .01 | .02 | 1 | 30 |
| 10800E 19750N | 7 | 106 | 25 | 141 | .7 | 30 | 8 | 225 | 10.72 | 201 | 5 | ND | 18 | 17 | .2 | 44 | 2 | 65 | .03 | .251 | 16 | 56 | .47 | 122 | .04 | 2 | 2.01 | .01 | .05 | 1 | 60 |
| STANDARD C | 18 | 60 | 42 | 134 | 6.9 | 72 | 31 | 1055 | 3.97 | 39 | 16 | 7 | 36 | 53 | 18.4 | 15 | 22 | 55 | .52 | .094 | 38 | 59 | .90 | 181 | .07 | 39 | 1.92 | .06 | .14 | 11 | 1600 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10800E 19950N | 20 | 137 | 35 | 429 | .6 | 57 | 6 | 159 | 26.21 | 343 | 5 | ND | 14 | 110 | 2.5 | 24 | 2 | 42 | .01 | .275 | 5 | 26 | .58 | 73 | .01 | 2 | 3.76 | .03 | .05 | 1 | 50 |
| 10800E 20050N | 18 | 88 | 32 | 188 | .1 | 35 | 5 | 123 | 20.62 | 470 | 5 | ND | 12 | 40 | 1.9 | 13 | 2 | 37 | .01 | .210 | 11 | 26 | .61 | 65 | .01 | 2 | 2.24 | .01 | .06 | 1 | 40 |
| 10800E 20100N | 16 | 122 | 29 | 263 | .5 | 33 | 6 | 171 | 26.96 | 1011 | 5 | ND | 10 | 33 | 2.4 | 19 | 2 | 34 | .02 | .237 | 6 | 27 | .46 | 62 | .01 | 3 | 2.87 | .01 | .06 | 1 | 50 |
| 10800E 20150N | 16 | 96 | 34 | 156 | .2 | 20 | 5 | 162 | 25.30 | 538 | 5 | ND | 7 | 15 | 2.2 | 15 | 3 | 28 | .01 | .188 | 6 | 21 | .49 | 46 | .01 | 2 | 2.71 | .02 | .06 | 1 | 20 |
| 10800E 20200N | 3 | 56 | 21 | 168 | .1 | 71 | 5 | 200 | 14.89 | 1414 | 5 | ND | 9 | 74 | .9 | 7 | 2 | 48 | .02 | .148 | 11 | 39 | 1.04 | 172 | .06 | 2 | 4.00 | .02 | .32 | 1 | 5 |
| 10800E 20250N | 3 | 57 | 21 | 153 | .1 | 57 | 4 | 196 | 16.93 | 1414 | 5 | ND | 9 | 62 | .2 | 10 | 2 | 49 | .02 | .160 | 10 | 37 | 1.02 | 174 | .06 | 2 | 3.75 | .01 | .28 | 1 | 10 |
| 10800E 20300N | 5 | 66 | 35 | 158 | .1 | 17 | 5 | 162 | 26.76 | 1431 | 5 | ND | 6 | 24 | .7 | 21 | 2 | 28 | .01 | .179 | 6 | 22 | .42 | 65 | .01 | 5 | 2.21 | .01 | .11 | 1 | 20 |
| 10800E 20350N | 5 | 65 | 35 | 124 | .3 | 31 | 5 | 137 | 20.71 | 1380 | 5 | ND | 8 | 49 | 1.0 | 12 | 5 | 33 | .01 | .184 | 10 | 26 | .48 | 129 | .02 | 6 | 2.74 | .01 | .14 | 1 | 20 |
| 10800E 20400N | 1 | 30 | 42 | 162 | .6 | 20 | 3 | 211 | 14.14 | 93 | 5 | ND | 1 | 21 | .4 | 11 | 2 | 166 | .01 | .055 | 4 | 62 | 3.44 | 53 | .23 | 2 | 5.44 | .01 | 1.76 | 1 | 10 |
| 10800E 20440N | 2 | 30 | 29 | 71 | .1 | 13 | 4 | 148 | 38.86 | 493 | 5 | ND | 5 | 113 | .2 | 2 | 2 | 15 | .01 | .686 | 5 | 18 | .11 | 66 | .01 | 2 | 1.60 | .01 | .03 | 3 | 50 |
| 10800E 20900N | 1 | 142 | 12 | 78 | .3 | 21 | 13 | 205 | 2.60 | 71 | 5 | ND | 7 | 136 | .2 | 2 | 18 | 48 | .76 | .061 | 32 | 40 | 1.02 | 426 | .13 | 3 | 3.60 | .04 | .35 | 1 | 10 |
| 10800E 20950N | 1 | 95 | 26 | 65 | .2 | 16 | 10 | 328 | 3.03 | 81 | 5 | ND | 5 | 113 | .3 | 2 | 17 | 48 | .66 | .068 | 25 | 37 | .96 | 413 | .11 | 2 | 3.91 | .05 | .28 | 2 | 20 |
| 10800E 21000N | 1 | 47 | 4 | 50 | .3 | 10 | 5 | 151 | 1.61 | 60 | 5 | ND | 2 | 42 | .2 | 2 | 10 | 29 | .37 | .048 | 14 | 20 | .44 | 198 | .07 | 5 | 2.04 | .04 | .13 | 2 | 20 |
| 10800E 21050N | 1 | 89 | 18 | 72 | .2 | 17 | 10 | 275 | 3.04 | 80 | 5 | ND | 3 | 77 | .2 | 2 | 15 | 51 | .42 | .060 | 19 | 37 | .85 | 397 | .10 | 4 | 3.64 | .03 | .21 | 3 | 30 |
| 10800E 21100N | 1 | 44 | 3 | 44 | .1 | 4 | 3 | 54 | 1.02 | 14 | 5 | ND | 1 | 14 | .2 | 2 | 2 | 16 | .36 | .136 | 6 | 11 | .14 | 63 | .02 | 4 | 1.31 | .03 | .14 | 1 | 40 |
| 11000E 19200N | 7 | 33 | 27 | 63 | .1 | 7 | 3 | 127 | 6.84 | 63 | 5 | ND | 8 | 13 | .2 | 2 | 2 | 52 | .01 | .114 | 18 | 28 | .30 | 131 | .01 | 2 | 1.25 | .01 | .05 | 1 | 30 |
| 11000E 19250N | 4 | 21 | 25 | 57 | .2 | 10 | 3 | 153 | 3.13 | 35 | 5 | ND | 1 | 12 | .4 | 2 | 2 | 34 | .03 | .077 | 18 | 19 | .31 | 108 | .01 | 3 | 1.17 | .02 | .05 | 1 | 30 |
| 11000E 19300N | 8 | 28 | 24 | 123 | 1.4 | 14 | 3 | 73 | 2.74 | 38 | 5 | ND | 1 | 46 | .2 | 6 | 2 | 53 | .04 | .131 | 16 | 13 | .09 | 552 | .01 | 2 | .82 | .02 | .06 | 2 | 80 |
| 11000E 19350N | 9 | 50 | 25 | 110 | .5 | 14 | 2 | 91 | 5.68 | 209 | 5 | ND | 9 | 14 | .2 | 15 | 2 | 50 | .02 | .089 | 20 | 29 | .41 | 103 | .01 | 2 | .99 | .01 | .04 | 1 | 30 |
| 11000E 19400N | 8 | 76 | 39 | 103 | .6 | 16 | 6 | 212 | 6.33 | 947 | 5 | ND | 6 | 15 | .2 | 30 | 2 | 46 | .04 | .139 | 22 | 32 | .35 | 105 | .02 | 2 | 1.36 | .01 | .05 | 1 | 40 |
| 11000E 19500N | 7 | 65 | 51 | 82 | .9 | 9 | 4 | 182 | 5.86 | 878 | 5 | ND | 7 | 13 | .2 | 24 | 4 | 40 | .04 | .133 | 18 | 24 | .26 | 90 | .02 | 2 | 1.28 | .02 | .04 | 2 | 50 |
| 11000E 19600N | 8 | 75 | 43 | 97 | .7 | 10 | 5 | 147 | 6.92 | 1045 | 5 | ND | 9 | 14 | .2 | 27 | 3 | 47 | .04 | .141 | 18 | 28 | .28 | 88 | .03 | 2 | 1.29 | .01 | .04 | 1 | 20 |
| 11000E 19650N | 12 | 107 | 59 | 122 | .3 | 15 | 4 | 139 | 10.81 | 1015 | 5 | ND | 18 | 13 | .2 | 32 | 2 | 65 | .01 | .207 | 20 | 46 | .40 | 98 | .01 | 2 | 1.74 | .01 | .04 | 1 | 30 |
| 11000E 19700N | 10 | 98 | 74 | 120 | .4 | 11 | 4 | 107 | 10.14 | 1707 | 5 | ND | 12 | 13 | .2 | 38 | 2 | 48 | .01 | .176 | 16 | 36 | .25 | 75 | .01 | 2 | 1.48 | .01 | .03 | 1 | 20 |
| 11000E 19750N | 12 | 122 | 66 | 130 | .3 | 13 | 5 | 132 | 12.62 | 2582 | 5 | ND | 15 | 19 | .2 | 53 | 3 | 54 | .01 | .221 | 20 | 41 | .28 | 94 | .01 | 2 | 1.66 | .01 | .04 | 1 | 30 |
| 11000E 19800N | 7 | 80 | 47 | 115 | .5 | 12 | 4 | 97 | 8.41 | 2545 | 5 | ND | 8 | 28 | .2 | 31 | 3 | 29 | .01 | .131 | 16 | 24 | .23 | 121 | .01 | 3 | 1.59 | .01 | .04 | 1 | 20 |
| 11000E 19850N | 18 | 118 | 37 | 131 | .1 | 14 | 4 | 114 | 16.08 | 269 | 5 | ND | 14 | 11 | .2 | 9 | 2 | 38 | .01 | .213 | 14 | 37 | .31 | 75 | .01 | 2 | 1.88 | .01 | .04 | 1 | 30 |
| 11000E 19900N | 21 | 172 | 46 | 204 | .3 | 17 | 5 | 132 | 21.55 | 231 | 5 | ND | 17 | 12 | 1.8 | 15 | 2 | 43 | .01 | .261 | 13 | 40 | .42 | 72 | .01 | 2 | 2.43 | .01 | .04 | 1 | 20 |
| 11000E 19925N | 20 | 125 | 39 | 151 | .1 | 12 | 5 | 128 | 19.94 | 179 | 5 | ND | 13 | 14 | 1.6 | 10 | 2 | 38 | .01 | .285 | 13 | 34 | .41 | 76 | .01 | 3 | 2.26 | .01 | .04 | 1 | 30 |
| 11200E 19200N | 12 | 69 | 22 | 377 | 4.8 | 73 | 10 | 244 | 4.44 | 51 | 5 | ND | 5 | 229 | 1.7 | 4 | 4 | 73 | 1.11 | .722 | 21 | 34 | .09 | 458 | .01 | 12 | 1.34 | .02 | .17 | 2 | 320 |
| 11200E 19250N | 25 | 50 | 30 | 164 | 3.5 | 16 | 3 | 82 | 2.87 | 80 | 5 | ND | 4 | 109 | .9 | 14 | 2 | 141 | .11 | .337 | 22 | 18 | .07 | 860 | .01 | 8 | .85 | .02 | .14 | 2 | 120 |
| 11200E 19300N | 19 | 37 | 34 | 186 | 2.0 | 16 | 4 | 65 | 4.09 | 59 | 5 | ND | 2 | 63 | .3 | 9 | 5 | 100 | .01 | .161 | 21 | 16 | .12 | 569 | .01 | 2 | .85 | .01 | .10 | 2 | 70 |
| 11200E 19350N | 4 | 32 | 36 | 247 | .1 | 46 | 12 | 128 | 5.67 | 108 | 5 | ND | 7 | 40 | .2 | 18 | 6 | 38 | .02 | .044 | 15 | 15 | .08 | 416 | .01 | 2 | .82 | .01 | .06 | 1 | 40 |
| 11200E 19400N | 5 | 36 | 97 | 120 | .1 | 50 | 8 | 262 | 7.45 | 459 | 5 | ND | 11 | 14 | .2 | 45 | 2 | 52 | .04 | .151 | 19 | 40 | 1.07 | 674 | .03 | 3 | 3.36 | .01 | .21 | 1 | 50 |
| 11200E 19450N | 10 | 62 | 37 | 65 | .1 | 4 | 3 | 104 | 9.34 | 74 | 5 | ND | 9 | 12 | .2 | 11 | 2 | 54 | .01 | .160 | 16 | 32 | .28 | 93 | .01 | 3 | 1.22 | .02 | .05 | 1 | 20 |
| 11200E 19500N | 9 | 56 | 40 | 139 | .2 | 15 | 5 | 135 | 7.55 | 77 | 5 | ND | 10 | 30 | .2 | 11 | 2 | 53 | .03 | .143 | 23 | 34 | .41 | 166 | .01 | 2 | 1.24 | .01 | .06 | 2 | 50 |
| STANDARD C | 19 | 61 | 44 | 130 | 6.9 | 72 | 32 | 1056 | 3.98 | 41 | 15 | 7 | 36 | 53 | 18.9 | 15 | 19 | 55 | .58 | .098 | 38 | 60 | .92 | 181 | .07 | 37 | 1.89 | .06 | .14 | 12 | 1500 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11200E 19550N | 20 | 61 | 54 | 141 | 1.1 | 13 | 7 | 187 | 7.88 | 94 | 5 | ND | 10 | 23 | .3 | 23 | 2 | 73 | .06 | .197 | 24 | 36 | .61 | 146 | .01 | 7 | 1.53 | .02 | .07 | 1 | 90 |
| 11200E 19600N | 13 | 44 | 33 | 201 | .3 | 17 | 6 | 53 | 5.41 | 61 | 5 | ND | 9 | 43 | .3 | 17 | 2 | 66 | .02 | .075 | 20 | 19 | .11 | 220 | .01 | 5 | .73 | .01 | .04 | 1 | 40 |
| 11200E 19800N | 9 | 73 | 46 | 115 | .3 | 24 | 9 | 60 | 13.13 | 1280 | 5 | ND | 13 | 34 | .7 | 18 | 2 | 49 | .01 | .210 | 15 | 28 | .27 | 129 | .02 | 2 | 2.32 | .01 | .06 | 1 | 20 |
| 11200E 19850N | 10 | 88 | 38 | 144 | .1 | 31 | 10 | 72 | 16.20 | 257 | 5 | ND | 13 | 38 | 1.2 | 11 | 2 | 58 | .01 | .239 | 10 | 35 | .28 | 122 | .03 | 2 | 2.61 | .01 | .05 | 1 | 20 |
| 11200E 19900N | 12 | 105 | 47 | 165 | .2 | 34 | 12 | 75 | 19.07 | 266 | 5 | ND | 16 | 47 | 1.8 | 15 | 5 | 71 | .01 | .284 | 11 | 41 | .33 | 158 | .03 | 2 | 3.01 | .01 | .07 | 1 | 40 |
| 11200E 19950N | 11 | 83 | 36 | 168 | .1 | 34 | 11 | 98 | 16.03 | 227 | 5 | ND | 13 | 57 | 1.1 | 8 | 3 | 74 | .01 | .235 | 13 | 38 | .40 | 191 | .05 | 2 | 3.22 | .01 | .09 | 1 | 30 |
| 11200E 20050N | 5 | 43 | 29 | 111 | .1 | 33 | 9 | 142 | 8.71 | 97 | 5 | ND | 8 | 47 | .6 | 4 | 6 | 59 | .02 | .156 | 14 | 31 | .47 | 181 | .07 | 3 | 2.62 | .02 | .15 | 1 | 20 |
| 11200E 20139N | 9 | 61 | 41 | 131 | .1 | 23 | 10 | 67 | 18.63 | 207 | 5 | ND | 9 | 61 | .6 | 2 | 2 | 80 | .01 | .272 | 8 | 38 | .55 | 175 | .05 | 2 | 3.18 | .01 | .18 | 1 | 40 |
| 11200E 20450N | 9 | 63 | 36 | 139 | .3 | 49 | 9 | 69 | 15.27 | 1038 | 5 | ND | 10 | 68 | 1.8 | 4 | 2 | 37 | .02 | .231 | 13 | 18 | .43 | 229 | .02 | 2 | 3.48 | .02 | .21 | 1 | 30 |
| 11200E 20500N | 7 | 64 | 30 | 115 | .1 | 71 | 7 | 108 | 8.30 | 595 | 5 | ND | 10 | 82 | 1.1 | 7 | 2 | 46 | .03 | .158 | 17 | 21 | .52 | 271 | .05 | 2 | 2.98 | .02 | .16 | 1 | 40 |
| 11200E 20550N | 8 | 67 | 26 | 112 | .1 | 79 | 7 | 99 | 7.55 | 672 | 5 | ND | 12 | 97 | .8 | 8 | 2 | 50 | .02 | .143 | 22 | 23 | .67 | 402 | .06 | 2 | 3.56 | .01 | .19 | 1 | 50 |
| 11200E 20600N | 6 | 50 | 14 | 44 | .3 | 17 | 3 | 33 | 3.09 | 849 | 5 | ND | 11 | 162 | .5 | 5 | 3 | 26 | .05 | .120 | 35 | 8 | .12 | 856 | .02 | 7 | 1.11 | .01 | .06 | 2 | 10 |
| 11200E 20650N | 9 | 62 | 26 | 96 | .5 | 49 | 6 | 108 | 5.63 | 640 | 5 | ND | 10 | 135 | .6 | 8 | 2 | 52 | .14 | .227 | 28 | 20 | .41 | 649 | .04 | 3 | 2.26 | .02 | .13 | 1 | 40 |
| 11200E 20750N | 1 | 133 | 42 | 90 | 2.7 | 9 | 11 | 47 | 25.05 | 317 | 6 | ND | 5 | 200 | 2.0 | 2 | 10 | 34 | .37 | .181 | 4 | 23 | .22 | 111 | .01 | 2 | 3.79 | .11 | .28 | 1 | 60 |
| 11200E 20800N | 1 | 62 | 2 | 50 | .1 | 11 | 3 | 25 | 1.43 | 55 | 5 | ND | 1 | 12 | .4 | 3 | 6 | 14 | .08 | .051 | 4 | 5 | .04 | 86 | .02 | 4 | .47 | .02 | .02 | 1 | 90 |
| 11200E 20850N | 3 | 142 | 25 | 109 | .3 | 32 | 13 | 311 | 4.79 | 192 | 5 | ND | 1 | 18 | .2 | 5 | 2 | 54 | .11 | .176 | 11 | 25 | .31 | 812 | .02 | 4 | 2.04 | .02 | .08 | 2 | 70 |
| 11200E 20900N | 2 | 32 | 14 | 74 | .1 | 14 | 6 | 145 | 2.48 | 66 | 5 | ND | 1 | 33 | .4 | 2 | 5 | 36 | .13 | .099 | 11 | 19 | .30 | 238 | .04 | 4 | 1.84 | .02 | .08 | 1 | 60 |
| 11200E 20950N | 1 | 183 | 25 | 85 | .2 | 33 | 14 | 186 | 3.49 | 205 | 5 | ND | 9 | 156 | .8 | 2 | 5 | 38 | .49 | .074 | 25 | 27 | .73 | 680 | .07 | 5 | 3.25 | .03 | .21 | 2 | 30 |
| 11200E 21000N | 1 | 47 | 9 | 52 | .1 | 9 | 11 | 295 | 2.35 | 118 | 8 | ND | 1 | 87 | .7 | 2 | 3 | 35 | .28 | .052 | 11 | 25 | .64 | 336 | .07 | 6 | 2.43 | .03 | .19 | 2 | 30 |
| 11200E 21050N | 1 | 32 | 20 | 58 | .1 | 11 | 11 | 192 | 2.44 | 48 | 5 | ND | 3 | 104 | .8 | 2 | 3 | 35 | .24 | .053 | 19 | 30 | .82 | 403 | .13 | 6 | 3.60 | .02 | .30 | 1 | 40 |
| 11200E 21100N | 1 | 25 | 7 | 41 | .1 | 8 | 6 | 169 | 1.65 | 75 | 5 | ND | 1 | 48 | .8 | 2 | 8 | 24 | .18 | .045 | 12 | 16 | .38 | 222 | .07 | 4 | 1.89 | .03 | .13 | 1 | 50 |
| 11200E 21150N | 1 | 93 | 21 | 62 | .2 | 14 | 15 | 326 | 2.53 | 194 | 9 | ND | 5 | 179 | .8 | 6 | 13 | 36 | .82 | .049 | 26 | 29 | .84 | 357 | .07 | 5 | 3.39 | .03 | .26 | 4 | 30 |
| 11200E 21200N | 1 | 100 | 19 | 70 | .1 | 12 | 16 | 382 | 2.67 | 219 | 6 | ND | 3 | 169 | .6 | 4 | 16 | 38 | .88 | .055 | 24 | 31 | .85 | 374 | .06 | 3 | 3.47 | .03 | .24 | 1 | 50 |
| 11400E 19200N | 3 | 103 | 58 | 294 | .9 | 58 | 26 | 619 | 9.77 | 46 | 5 | ND | 8 | 78 | 1.3 | 2 | 2 | 47 | .02 | .249 | 18 | 29 | .20 | 708 | .01 | 2 | 1.61 | .02 | .12 | 1 | 80 |
| 11400E 19250N | 6 | 63 | 34 | 176 | 1.3 | 41 | 20 | 428 | 4.51 | 26 | 5 | ND | 6 | 54 | .7 | 5 | 2 | 44 | .07 | .168 | 29 | 24 | .19 | 924 | .01 | 7 | 1.26 | .02 | .13 | 1 | 140 |
| 11400E 19300N | 20 | 65 | 27 | 320 | 5.6 | 48 | 7 | 92 | 4.98 | 76 | 5 | ND | 3 | 152 | 1.2 | 13 | 2 | 103 | .29 | .679 | 22 | 29 | .07 | 539 | .01 | 6 | 1.25 | .02 | .17 | 1 | 220 |
| 11400E 19350N | 26 | 80 | 29 | 148 | 5.1 | 29 | 5 | 94 | 4.96 | 119 | 5 | ND | 3 | 183 | .7 | 16 | 2 | 173 | .34 | .842 | 21 | 31 | .07 | 825 | .01 | 10 | 1.28 | .03 | .15 | 2 | 290 |
| 11400E 19400N | 31 | 79 | 31 | 88 | 5.6 | 15 | 3 | 62 | 2.87 | 63 | 5 | ND | 1 | 207 | .8 | 19 | 2 | 242 | .13 | .389 | 21 | 24 | .05 | 855 | .01 | 8 | 1.08 | .02 | .14 | 1 | 460 |
| 11400E 19450N | 9 | 19 | 24 | 80 | .1 | 7 | 4 | 66 | 6.38 | 42 | 5 | ND | 9 | 7 | .8 | 4 | 2 | 43 | .01 | .096 | 20 | 27 | .22 | 130 | .01 | 2 | .98 | .01 | .04 | 1 | 30 |
| 11400E 19500N | 7 | 37 | 23 | 86 | .1 | 8 | 6 | 96 | 6.79 | 48 | 5 | ND | 10 | 9 | .2 | 5 | 6 | 49 | .01 | .099 | 25 | 31 | .29 | 89 | .01 | 3 | 1.19 | .01 | .04 | 1 | 50 |
| 11400E 19550N | 10 | 77 | 34 | 135 | .3 | 15 | 8 | 111 | 9.82 | 73 | 5 | ND | 15 | 12 | .5 | 14 | 2 | 69 | .02 | .192 | 21 | 41 | .36 | 111 | .01 | 2 | 1.61 | .01 | .06 | 1 | 40 |
| 11400E 19600N | 12 | 83 | 61 | 168 | .5 | 15 | 9 | 138 | 13.21 | 97 | 5 | ND | 22 | 21 | 1.2 | 19 | 2 | 74 | .01 | .332 | 22 | 56 | .44 | 129 | .01 | 2 | 1.94 | .01 | .06 | 1 | 70 |
| 11400E 19650N | 12 | 44 | 34 | 162 | .3 | 12 | 8 | 75 | 5.75 | 49 | 5 | ND | 6 | 34 | .2 | 13 | 2 | 47 | .03 | .075 | 28 | 19 | .10 | 239 | .01 | 2 | .80 | .02 | .04 | 1 | 80 |
| 11400E 19700N | 33 | 93 | 57 | 196 | 1.4 | 12 | 7 | 95 | 9.97 | 125 | 5 | ND | 23 | 24 | 1.2 | 48 | 2 | 100 | .02 | .252 | 21 | 46 | .55 | 163 | .01 | 2 | 1.46 | .01 | .05 | 1 | 70 |
| 11400E 19750N | 31 | 106 | 52 | 105 | 1.8 | 15 | 5 | 60 | 8.18 | 135 | 5 | ND | 18 | 41 | .5 | 49 | 2 | 89 | .02 | .151 | 28 | 31 | .28 | 143 | .01 | 3 | 1.13 | .01 | .03 | 1 | 130 |
| 11400E 19800N | 13 | 111 | 40 | 145 | .6 | 18 | 9 | 113 | 14.48 | 304 | 5 | ND | 31 | 20 | 1.4 | 87 | 4 | 91 | .01 | .303 | 18 | 65 | .49 | 92 | .01 | 2 | 2.33 | .01 | .04 | 1 | 60 |
| STANDARD C | 19 | 59 | 40 | 132 | 7.0 | 73 | 32 | 1052 | 3.97 | 42 | 20 | 7 | 36 | 53 | 18.4 | 15 | 22 | 55 | .59 | .097 | 37 | 56 | .90 | 180 | .07 | 35 | 1.88 | .06 | .14 | 14 | 1600 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11400E 19850N | 10 | 103 | 56 | 214 | .5 | 19 | 5 | 298 | 14.59 | 357 | 8 | ND | 20 | 19 | .5 | 90 | 5 | 72 | .03 | .358 | 25 | 77 | .89 | 86 | .01 | 4 | 2.58 | .01 | .05 | 1 | 40 |
| 11400E 19900N | 16 | 113 | 57 | 183 | .8 | 12 | 3 | 181 | 24.46 | 288 | 13 | ND | 31 | 13 | .2 | 37 | 6 | 91 | .01 | .497 | 10 | 86 | .57 | 55 | .01 | 8 | 2.12 | .01 | .03 | 1 | 20 |
| 11400E 19950N | 5 | 30 | 97 | 58 | .8 | 11 | 2 | 62 | 3.30 | 2174 | 5 | ND | 10 | 20 | 1.7 | 40 | 19 | 15 | .01 | .067 | 24 | 13 | .19 | 72 | .01 | 2 | 1.17 | .01 | .04 | 1 | 20 |
| 11400E 20050N | 3 | 46 | 25 | 135 | .4 | 116 | 4 | 211 | 7.84 | 114 | 5 | ND | 12 | 114 | 1.0 | 7 | 2 | 75 | .02 | .146 | 22 | 43 | 1.07 | 369 | .11 | 3 | 5.57 | .02 | .41 | 3 | 30 |
| 11400E 20100N | 10 | 121 | 47 | 234 | .7 | 29 | 5 | 147 | 26.21 | 946 | 8 | ND | 14 | 54 | .2 | 18 | 2 | 87 | .01 | .487 | 10 | 72 | .30 | 102 | .02 | 9 | 2.77 | .01 | .07 | 1 | 90 |
| 11400E 20150N | 11 | 111 | 54 | 195 | .3 | 32 | 5 | 178 | 19.46 | 487 | 6 | ND | 12 | 126 | 1.1 | 18 | 2 | 132 | .02 | .269 | 17 | 76 | .90 | 102 | .08 | 4 | 3.85 | .02 | .37 | 1 | 20 |
| 11400E 20450N | 4 | 202 | 44 | 64 | 3.1 | 11 | 4 | 153 | 31.40 | 457 | 5 | ND | 4 | 23 | .2 | 6 | 2 | 56 | .02 | .211 | 5 | 31 | .37 | 68 | .01 | 5 | 2.10 | .01 | .11 | 3 | 90 |
| 11400E 20500N | 2 | 172 | 28 | 115 | 3.0 | 20 | 4 | 150 | 28.96 | 602 | 5 | ND | 4 | 51 | .2 | 2 | 2 | 80 | .02 | .401 | 6 | 26 | .31 | 56 | .03 | 2 | 2.73 | .03 | .20 | 1 | 20 |
| 11400E 20550N | 4 | 197 | 29 | 94 | 3.4 | 23 | 4 | 118 | 23.49 | 794 | 5 | ND | 5 | 65 | .2 | 8 | 5 | 74 | .04 | .327 | 8 | 34 | .35 | 83 | .02 | 9 | 2.98 | .04 | .21 | 1 | 20 |
| 11400E 20600N | 3 | 146 | 22 | 44 | 1.1 | 12 | 4 | 102 | 15.85 | 785 | 5 | ND | 6 | 97 | .4 | 5 | 3 | 45 | .09 | .120 | 11 | 34 | .46 | 362 | .04 | 2 | 2.68 | .02 | .19 | 1 | 10 |
| 11400E 20650N | 4 | 191 | 26 | 46 | .6 | 11 | 3 | 149 | 15.77 | 2116 | 5 | ND | 3 | 32 | .7 | 7 | 6 | 71 | .05 | .210 | 15 | 39 | .38 | 325 | .04 | 2 | 1.69 | .01 | .12 | 1 | 5 |
| 11400E 20750N | 1 | 9 | 2 | 26 | .1 | 1 | 1 | 16 | .61 | 26 | 5 | ND | 1 | 10 | .2 | 2 | 2 | 11 | .06 | .027 | 2 | 2 | .02 | 27 | .02 | 3 | .44 | .04 | .02 | 3 | 5 |
| 11400E 20800N | 4 | 277 | 30 | 51 | 1.0 | 20 | 4 | 117 | 16.84 | 2220 | 5 | ND | 6 | 48 | .6 | 14 | 20 | 66 | .03 | .262 | 15 | 33 | .37 | 329 | .03 | 3 | 2.28 | .04 | .21 | 2 | 10 |
| 11400E 20850N | 2 | 453 | 24 | 115 | 1.1 | 39 | 12 | 190 | 5.83 | 370 | 5 | ND | 12 | 200 | .5 | 4 | 11 | 47 | .48 | .124 | 18 | 31 | .69 | 562 | .05 | 2 | 4.40 | .03 | .26 | 1 | 20 |
| 11400E 20900N | 1 | 12 | 3 | 23 | .1 | 5 | 1 | 41 | 1.05 | 49 | 5 | ND | 1 | 10 | .2 | 2 | 2 | 26 | .07 | .039 | 5 | 7 | .07 | 51 | .06 | 4 | .94 | .03 | .04 | 1 | 30 |
| 11400E 20950N | 3 | 208 | 32 | 67 | 1.3 | 19 | 4 | 130 | 13.36 | 1038 | 5 | ND | 6 | 40 | .5 | 10 | 6 | 60 | .04 | .211 | 17 | 39 | .49 | 583 | .05 | 2 | 2.29 | .02 | .19 | 1 | 20 |
| 11400E 21000N | 1 | 15 | 7 | 35 | .2 | 3 | 2 | 50 | 1.24 | 55 | 5 | ND | 1 | 10 | .3 | 2 | 5 | 33 | .06 | .041 | 5 | 8 | .08 | 51 | .07 | 6 | .90 | .03 | .04 | 2 | 30 |
| 11400E 21050N | 1 | 33 | 5 | 39 | .3 | 7 | 3 | 73 | 1.43 | 59 | 5 | ND | 1 | 22 | .5 | 2 | 2 | 27 | .11 | .066 | 8 | 15 | .26 | 160 | .06 | 5 | 1.69 | .03 | .09 | 1 | 50 |
| 11400E 21100N | 1 | 72 | 16 | 60 | .2 | 14 | 13 | 370 | 2.30 | 289 | 10 | ND | 3 | 106 | .9 | 2 | 9 | 38 | .43 | .058 | 26 | 30 | .74 | 373 | .10 | 3 | 2.79 | .03 | .22 | 3 | 20 |
| 11600E 19200N | 2 | 79 | 45 | 181 | 1.1 | 53 | 23 | 686 | 5.24 | 37 | 5 | ND | 5 | 40 | .7 | 2 | 4 | 46 | .03 | .125 | 22 | 32 | .31 | 502 | .01 | 5 | 1.71 | .02 | .08 | 1 | 30 |
| 11600E 19250N | 9 | 55 | 41 | 160 | 2.3 | 38 | 15 | 376 | 4.43 | 33 | 5 | ND | 8 | 64 | .7 | 2 | 2 | 48 | .09 | .218 | 28 | 24 | .16 | 885 | .01 | 3 | 1.25 | .02 | .12 | 1 | 200 |
| 11600E 19300N | 7 | 48 | 37 | 246 | 3.1 | 48 | 12 | 258 | 4.24 | 152 | 5 | ND | 6 | 91 | .5 | 2 | 2 | 44 | .17 | .230 | 27 | 22 | .09 | 697 | .01 | 6 | .96 | .01 | .12 | 1 | 110 |
| 11600E 19350N | 15 | 58 | 20 | 163 | 2.8 | 35 | 9 | 250 | 4.35 | 32 | 5 | ND | 5 | 132 | .9 | 2 | 2 | 79 | .54 | .527 | 21 | 27 | .14 | 502 | .01 | 9 | 1.36 | .02 | .16 | 1 | 40 |
| 11600E 19400N | 19 | 50 | 32 | 236 | 2.8 | 35 | 7 | 281 | 3.88 | 48 | 5 | ND | 1 | 105 | .8 | 6 | 2 | 138 | .25 | .334 | 28 | 26 | .16 | 771 | .01 | 8 | 1.25 | .02 | .14 | 1 | 70 |
| 11600E 19450N | 8 | 34 | 21 | 151 | .3 | 21 | 5 | 147 | 5.44 | 39 | 5 | ND | 1 | 22 | .7 | 2 | 2 | 58 | .02 | .111 | 25 | 25 | .15 | 177 | .01 | 4 | 1.23 | .01 | .05 | 1 | 60 |
| 11600E 19500N | 8 | 45 | 27 | 74 | .1 | 11 | 3 | 155 | 5.91 | 51 | 5 | ND | 10 | 9 | .4 | 2 | 6 | 43 | .01 | .080 | 35 | 31 | .42 | 79 | .01 | 2 | 1.21 | .01 | .04 | 1 | 20 |
| 11600E 19550N | 10 | 66 | 38 | 107 | .3 | 13 | 3 | 135 | 6.39 | 53 | 5 | ND | 12 | 16 | .8 | 9 | 2 | 62 | .05 | .139 | 26 | 36 | .42 | 124 | .01 | 2 | 1.40 | .01 | .05 | 1 | 20 |
| 11600E 19600N | 10 | 88 | 40 | 152 | .6 | 14 | 4 | 144 | 12.17 | 81 | 5 | ND | 22 | 17 | .2 | 26 | 4 | 77 | .04 | .302 | 33 | 59 | .38 | 105 | .01 | 2 | 2.03 | .01 | .05 | 1 | 30 |
| 11600E 19650N | 20 | 93 | 45 | 155 | .8 | 13 | 4 | 150 | 10.64 | 102 | 5 | ND | 21 | 18 | .2 | 29 | 4 | 87 | .03 | .299 | 41 | 53 | .47 | 137 | .01 | 2 | 1.76 | .01 | .05 | 1 | 30 |
| 11600E 19700N | 26 | 74 | 52 | 97 | 1.4 | 15 | 4 | 166 | 6.40 | 114 | 5 | ND | 18 | 26 | 1.4 | 30 | 2 | 86 | .02 | .224 | 49 | 37 | .63 | 161 | .01 | 2 | 1.68 | .01 | .05 | 1 | 10 |
| 11600E 19750N | 29 | 94 | 49 | 185 | 1.2 | 14 | 4 | 164 | 12.84 | 233 | 5 | ND | 19 | 19 | .2 | 66 | 4 | 96 | .02 | .309 | 25 | 53 | .50 | 103 | .01 | 2 | 1.79 | .01 | .04 | 1 | 30 |
| 11600E 19800N | 31 | 124 | 52 | 224 | .9 | 10 | 5 | 126 | 19.69 | 947 | 7 | ND | 28 | 14 | .4 | 101 | 6 | 120 | .01 | .423 | 11 | 61 | .26 | 63 | .01 | 7 | 1.93 | .01 | .03 | 1 | 20 |
| 11600E 19850N | 5 | 49 | 124 | 136 | 3.4 | 19 | 3 | 128 | 6.78 | 3553 | 7 | ND | 8 | 21 | 1.0 | 95 | 38 | 30 | .02 | .143 | 15 | 22 | .30 | 91 | .01 | 2 | 1.75 | .01 | .03 | 1 | 5 |
| 11600E 19900N | 10 | 94 | 55 | 107 | .4 | 16 | 4 | 134 | 8.24 | 1331 | 5 | ND | 14 | 26 | .9 | 23 | 3 | 50 | .01 | .152 | 23 | 36 | .34 | 93 | .01 | 2 | 1.70 | .01 | .04 | 1 | 10 |
| 11600E 19950N | 24 | 115 | 34 | 88 | .9 | 24 | 3 | 80 | 7.83 | 262 | 5 | ND | 17 | 52 | .9 | 24 | 3 | 80 | .01 | .113 | 27 | 28 | .30 | 125 | .02 | 2 | 2.16 | .01 | .04 | 1 | 10 |
| 11600E 20050N | 5 | 41 | 18 | 72 | .2 | 68 | 3 | 100 | 3.62 | 385 | 5 | ND | 10 | 39 | .7 | 3 | 2 | 27 | .02 | .099 | 32 | 13 | .24 | 187 | .02 | 5 | 2.17 | .01 | .07 | 1 | 20 |
| STANDARD C | 19 | 61 | 43 | 132 | 7.2 | 72 | 31 | 1054 | 3.96 | 44 | 15 | 7 | 37 | 52 | 18.4 | 15 | 20 | 57 | .51 | .095 | 39 | 61 | .89 | 181 | .08 | 35 | 1.89 | .06 | .13 | 12 | 1600 |

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 9008-015 343** File # 90-3373 Page 1

P.O. Box 2380, 1050 Davie, Vancouver BC V6B 3T5

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10600E 19950N | 7 | 15 | 23 | 32 | .1 | 13 | 1 | 63 | 1.54 | 52 | 5 | ND | 8 | 15 | .2 | 3 | 2 | 29 | .02 | .021 | 21 | 13 | .38 | 216 | .01 | 2 | 1.05 | .02 | .10 | 1 | 2 | 10 |
| 10600E 19900N | 3 | 27 | 16 | 64 | .1 | 15 | 3 | 182 | 3.82 | 403 | 5 | ND | 10 | 17 | .6 | 9 | 2 | 31 | .02 | .059 | 25 | 33 | .65 | 167 | .01 | 2 | 1.58 | .02 | .09 | 1 | 7 | 80 |
| 10600E 19850N | 4 | 22 | 18 | 46 | .1 | 9 | 1 | 102 | 2.47 | 293 | 11 | ND | 9 | 13 | .6 | 10 | 5 | 27 | .01 | .034 | 23 | 24 | .57 | 175 | .01 | 3 | 1.21 | .02 | .11 | 1 | 6 | 10 |
| 10600E 19800N | 3 | 22 | 11 | 43 | .1 | 6 | 1 | 130 | 2.97 | 24 | 6 | ND | 10 | 14 | .3 | 2 | 2 | 33 | .01 | .037 | 27 | 31 | .67 | 200 | .01 | 2 | 1.40 | .02 | .11 | 1 | 2 | 30 |
| 10600E 19750N | 4 | 38 | 15 | 48 | .2 | 9 | 1 | 123 | 2.84 | 55 | 8 | ND | 9 | 13 | .2 | 7 | 2 | 38 | .01 | .029 | 24 | 32 | .67 | 205 | .01 | 2 | 1.39 | .02 | .11 | 1 | 2 | 30 |
| 11000E 19550N | 3 | 26 | 16 | 32 | .2 | 6 | 1 | 101 | 2.27 | 140 | 7 | ND | 9 | 11 | .2 | 6 | 3 | 26 | .01 | .030 | 28 | 24 | .48 | 189 | .01 | 2 | 1.12 | .02 | .11 | 1 | 3 | 70 |
| 11000E 19450N | 4 | 22 | 12 | 30 | .2 | 7 | 1 | 88 | 2.01 | 103 | 5 | ND | 8 | 11 | .2 | 5 | 2 | 25 | .01 | .028 | 29 | 21 | .46 | 201 | .01 | 2 | 1.08 | .02 | .11 | 1 | 3 | 20 |
| 11200E 20100N | 3 | 13 | 12 | 37 | .1 | 4 | 1 | 96 | 2.10 | 21 | 9 | ND | 12 | 26 | .2 | 2 | 2 | 32 | .01 | .023 | 36 | 20 | .46 | 213 | .01 | 2 | 1.12 | .02 | .11 | 1 | 1 | 20 |
| 11200E 19750N | 5 | 16 | 18 | 32 | .1 | 55 | 1 | 30 | 1.47 | 22 | 5 | ND | 11 | 18 | .3 | 2 | 2 | 22 | .02 | .019 | 31 | 17 | .25 | 256 | .01 | 2 | 1.49 | .02 | .13 | 1 | 3 | 10 |
| 11200E 19700N | 4 | 15 | 18 | 27 | .1 | 25 | 1 | 39 | 1.50 | 24 | 5 | ND | 11 | 16 | .2 | 2 | 2 | 25 | .01 | .018 | 33 | 17 | .28 | 227 | .01 | 2 | 1.29 | .02 | .12 | 1 | 1 | 20 |
| 11200E 19650N | 4 | 23 | 20 | 115 | .1 | 35 | 4 | 58 | 2.23 | 262 | 5 | ND | 9 | 22 | .5 | 7 | 2 | 27 | .01 | .023 | 27 | 19 | .39 | 264 | .01 | 2 | 1.46 | .02 | .16 | 1 | 3 | 10 |
| 11400E 20700N | 2 | 65 | 8 | 39 | .5 | 18 | 3 | 137 | 5.40 | 208 | 8 | ND | 9 | 36 | .7 | 2 | 2 | 48 | .16 | .067 | 55 | 30 | .64 | 922 | .02 | 2 | 1.93 | .04 | .16 | 1 | 5 | 20 |
| 11800E 20250N | 5 | 67 | 2 | 21 | .1 | 8 | 1 | 16 | 3.34 | 767 | 5 | ND | 11 | 18 | .3 | 3 | 2 | 23 | .01 | .019 | 23 | 7 | .02 | 296 | .01 | 6 | .61 | .02 | .12 | 6 | 4 | 5 |
| 11800E 20200N | 4 | 38 | 8 | 47 | .1 | 12 | 1 | 15 | 2.03 | 269 | 5 | ND | 13 | 22 | .2 | 2 | 3 | 18 | .01 | .015 | 41 | 5 | .02 | 373 | .01 | 2 | .57 | .02 | .13 | 1 | 3 | 10 |
| 11800E 20150N | 4 | 32 | 10 | 54 | .1 | 13 | 1 | 19 | 2.21 | 298 | 5 | ND | 14 | 29 | .2 | 2 | 3 | 16 | .01 | .017 | 44 | 6 | .02 | 345 | .01 | 4 | .73 | .02 | .11 | 1 | 1 | 5 |
| 12000E 19900N | 8 | 41 | 18 | 90 | .4 | 84 | 2 | 50 | 2.73 | 97 | 5 | ND | 10 | 59 | .2 | 3 | 2 | 38 | .02 | .057 | 33 | 10 | .23 | 197 | .01 | 2 | 2.14 | .01 | .09 | 1 | 5 | 20 |
| 12000E 19850N | 6 | 33 | 21 | 56 | .3 | 128 | 1 | 26 | 1.54 | 44 | 5 | ND | 10 | 41 | .2 | 2 | 2 | 33 | .01 | .044 | 35 | 8 | .17 | 239 | .01 | 2 | 2.14 | .01 | .11 | 1 | 6 | 5 |
| 12000E 19800N | 5 | 24 | 16 | 31 | .1 | 102 | 1 | 18 | 1.02 | 35 | 5 | ND | 12 | 21 | .2 | 2 | 3 | 20 | .01 | .024 | 39 | 8 | .11 | 207 | .01 | 2 | 1.87 | .01 | .11 | 1 | 1 | 10 |
| 12400E 20900N | 1 | 81 | 15 | 37 | .3 | 14 | 2 | 46 | 8.69 | 158 | 5 | ND | 7 | 26 | .5 | 2 | 2 | 53 | .01 | .082 | 25 | 26 | .23 | 521 | .01 | 7 | 1.30 | .02 | .15 | 1 | 3 | 30 |
| 12400E 19700N | 5 | 34 | 19 | 66 | .2 | 78 | 1 | 43 | 2.75 | 113 | 5 | ND | 11 | 28 | .2 | 2 | 2 | 17 | .01 | .043 | 36 | 6 | .20 | 186 | .01 | 3 | 1.71 | .01 | .09 | 1 | 6 | 20 |
| 12400E 19650N | 6 | 23 | 16 | 38 | .3 | 69 | 1 | 27 | 1.37 | 55 | 5 | ND | 11 | 18 | .2 | 2 | 2 | 23 | .01 | .022 | 39 | 7 | .17 | 218 | .01 | 2 | 1.74 | .01 | .12 | 1 | 1 | 5 |
| 12600E 20450N | 1 | 51 | 14 | 29 | .2 | 13 | 2 | 89 | 3.75 | 274 | 5 | ND | 10 | 42 | .5 | 2 | 2 | 24 | .01 | .054 | 31 | 15 | .21 | 739 | .01 | 14 | 1.13 | .02 | .16 | 1 | 3 | 10 |
| 12600E 20100N | 2 | 66 | 15 | 47 | .4 | 11 | 2 | 68 | 4.92 | 250 | 5 | ND | 11 | 51 | .4 | 2 | 2 | 39 | .01 | .071 | 34 | 18 | .32 | 431 | .02 | 2 | 1.52 | .01 | .22 | 1 | 3 | 10 |
| 12600E 19950N | 3 | 43 | 18 | 38 | .4 | 24 | 3 | 98 | 4.33 | 329 | 5 | ND | 8 | 46 | .2 | 2 | 2 | 41 | .25 | .166 | 26 | 21 | .32 | 1352 | .02 | 5 | 1.57 | .02 | .19 | 1 | 5 | 20 |
| 12600E 19900N | 3 | 35 | 9 | 42 | .3 | 18 | 5 | 88 | 2.50 | 272 | 5 | ND | 9 | 116 | .2 | 2 | 2 | 29 | .58 | .209 | 27 | 19 | .36 | 1321 | .01 | 3 | 1.69 | .03 | .20 | 1 | 35 | 5 |
| 12600E 19850N | 3 | 32 | 13 | 23 | .2 | 16 | 5 | 65 | 2.10 | 297 | 5 | ND | 10 | 30 | .2 | 2 | 2 | 25 | .04 | .057 | 35 | 17 | .25 | 3305 | .01 | 5 | 1.26 | .02 | .16 | 1 | 2 | 10 |
| 12800E 19950N | 4 | 32 | 6 | 17 | .4 | 6 | 1 | 36 | 1.99 | 151 | 5 | ND | 13 | 38 | .2 | 2 | 2 | 23 | .01 | .029 | 36 | 16 | .22 | 427 | .01 | 3 | 1.12 | .02 | .21 | 1 | 2 | 5 |
| 12800E 19700N | 4 | 48 | 14 | 38 | .3 | 21 | 4 | 103 | 2.51 | 531 | 8 | ND | 7 | 57 | .2 | 3 | 2 | 32 | .16 | .067 | 19 | 18 | .21 | 1076 | .01 | 9 | 1.31 | .02 | .20 | 1 | 5 | 20 |
| 13000E 20500N | 1 | 50 | 10 | 49 | .5 | 51 | 5 | 69 | 3.43 | 247 | 5 | ND | 9 | 54 | .6 | 2 | 2 | 47 | .09 | .098 | 32 | 23 | .33 | 1494 | .02 | 4 | 1.91 | .02 | .17 | 1 | 3 | 5 |
| 13000E 20050N | 4 | 13 | 9 | 22 | .9 | 30 | 2 | 29 | .73 | 15 | 5 | ND | 8 | 56 | .2 | 2 | 2 | 68 | .06 | .054 | 25 | 29 | .19 | 1515 | .01 | 5 | .96 | .01 | .16 | 1 | 5 | 10 |
| 13200E 20750N | 1 | 50 | 13 | 58 | .1 | 20 | 3 | 105 | 3.97 | 29 | 6 | ND | 5 | 25 | .5 | 2 | 2 | 31 | .12 | .098 | 19 | 23 | .39 | 683 | .01 | 3 | 1.90 | .03 | .12 | 1 | 4 | 5 |
| 14800E 20750N | 2 | 31 | 16 | 90 | .2 | 36 | 7 | 210 | 3.60 | 113 | 6 | ND | 4 | 18 | .5 | 2 | 2 | 45 | .10 | .036 | 14 | 32 | .79 | 195 | .02 | 2 | 2.11 | .03 | .29 | 1 | 2 | 10 |
| 16000E 19910N | 2 | 18 | 12 | 66 | .1 | 37 | 5 | 145 | 2.80 | 151 | 5 | ND | 8 | 10 | .6 | 2 | 2 | 43 | .09 | .046 | 23 | 44 | .65 | 188 | .07 | 2 | 1.82 | .02 | .34 | 1 | 3 | 5 |
| 16000E 19850N | 2 | 27 | 11 | 106 | .1 | 31 | 6 | 279 | 4.07 | 84 | 5 | ND | 7 | 23 | .6 | 2 | 2 | 50 | .13 | .050 | 21 | 43 | .71 | 193 | .04 | 4 | 1.95 | .03 | .28 | 1 | 3 | 5 |
| 16400E 19750N | 2 | 23 | 15 | 48 | .1 | 38 | 4 | 116 | 3.08 | 622 | 10 | ND | 8 | 19 | .4 | 2 | 2 | 26 | .03 | .046 | 20 | 22 | .50 | 139 | .03 | 3 | 1.43 | .02 | .23 | 1 | 1 | 5 |
| 17000E 20100N | 6 | 19 | 6 | 50 | .2 | 15 | 3 | 172 | 2.83 | 60 | 5 | ND | 8 | 11 | .2 | 2 | 2 | 41 | .02 | .035 | 24 | 28 | .72 | 155 | .01 | 2 | 1.54 | .02 | .17 | 1 | 1 | 5 |
| STANDARD C/AU-R | 18 | 61 | 38 | 131 | 6.9 | 71 | 31 | 1051 | 3.96 | 41 | 16 | 8 | 37 | 53 | 18.9 | 15 | 19 | 56 | .50 | .097 | 38 | 60 | .87 | 181 | .07 | 36 | 1.89 | .06 | .13 | 13 | 530 | 1200 |

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: P1-P2 Talus/Rock P3 Humus AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

**DATE RECEIVED:** AUG 10 1990 **DATE REPORT MAILED:** Aug 17/90. **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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17000E 19950N | 3 | 34 | 5 | 100 | .1 | 37 | 7 | 196 | 3.37 | 28 | 5 | ND | 10 | 6 | .2 | 4 | 6 | 32 | .04 | .040 | 32 | 25 | .52 | 158 | .05 | 2 | 1.70 | .02 | .31 | 1 | 2 | 20 |
| 17000E 19900N | 2 | 25 | 15 | 68 | .1 | 20 | 5 | 81 | 3.51 | 33 | 5 | ND | 10 | 6 | .2 | 5 | 2 | 30 | .01 | .039 | 31 | 26 | .58 | 128 | .03 | 2 | 1.89 | .01 | .20 | 1 | 1 | 30 |
| 17000E 19700N | 2 | 38 | 20 | 107 | .2 | 24 | 9 | 153 | 4.77 | 49 | 5 | ND | 10 | 8 | .2 | 4 | 2 | 39 | .01 | .052 | 33 | 30 | .61 | 114 | .02 | 2 | 1.73 | .01 | .18 | 1 | 1 | 20 |
| 20000N 10600E | 6 | 21 | 7 | 76 | .1 | 34 | 4 | 35 | 2.20 | 27 | 5 | ND | 8 | 18 | .2 | 4 | 2 | 21 | .01 | .026 | 19 | 10 | .34 | 218 | .01 | 3 | 1.33 | .02 | .11 | 1 | 1 | 10 |

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 9008-015 343 File # 90-3373 Page 1

P.O. Box 2380, 1050 Davie, Vancouver BC V6B 3T5

Pulp Rock Values

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10600E 19950N | 7 | 15 | 23 | 32 | .1 | 13 | 1 | 63 | 1.54 | 52 | 5 | ND | 8 | 15 | .2 | 3 | 2 | 29 | .02 | .021 | 21 | 13 | .38 | 216 | .01 | 2 | 1.05 | .02 | .10 | 1 | 2 | 10 |
| 10600E 19900N | 3 | 27 | 16 | 64 | .1 | 15 | 3 | 182 | 3.82 | 403 | 5 | ND | 10 | 17 | .6 | 9 | 2 | 31 | .02 | .059 | 25 | 33 | .65 | 167 | .01 | 2 | 1.58 | .02 | .09 | 1 | 7 | 80 |
| 10600E 19850N | 4 | 22 | 18 | 46 | .1 | 9 | 1 | 102 | 2.47 | 293 | 11 | ND | 9 | 13 | .6 | 10 | 5 | 27 | .01 | .034 | 23 | 24 | .57 | 175 | .01 | 3 | 1.21 | .02 | .11 | 1 | 6 | 10 |
| 10600E 19800N | 3 | 22 | 11 | 43 | .1 | 6 | 1 | 130 | 2.97 | 24 | 6 | ND | 10 | 14 | .3 | 2 | 2 | 33 | .01 | .037 | 27 | 31 | .67 | 200 | .01 | 2 | 1.40 | .02 | .11 | 1 | 2 | 30 |
| 10600E 19750N | 4 | 38 | 15 | 48 | .2 | 9 | 1 | 123 | 2.84 | 55 | 8 | ND | 9 | 13 | .2 | 7 | 2 | 38 | .01 | .029 | 24 | 32 | .67 | 205 | .01 | 2 | 1.39 | .02 | .11 | 1 | 2 | 30 |
| 11000E 19550N | 3 | 26 | 16 | 32 | .2 | 6 | 1 | 101 | 2.27 | 140 | 7 | ND | 9 | 11 | .2 | 6 | 3 | 26 | .01 | .030 | 28 | 24 | .48 | 189 | .01 | 2 | 1.12 | .02 | .11 | 1 | 3 | 70 |
| 11000E 19450N | 4 | 22 | 12 | 30 | .2 | 7 | 1 | 88 | 2.01 | 103 | 5 | ND | 8 | 11 | .2 | 5 | 2 | 25 | .01 | .028 | 29 | 21 | .46 | 201 | .01 | 2 | 1.08 | .02 | .11 | 1 | 3 | 20 |
| 11200E 20100N | 3 | 13 | 12 | 37 | .1 | 4 | 1 | 96 | 2.10 | 21 | 9 | ND | 12 | 26 | .2 | 2 | 2 | 32 | .01 | .023 | 36 | 20 | .46 | 213 | .01 | 2 | 1.12 | .02 | .11 | 1 | 1 | 20 |
| 11200E 19750N | 5 | 16 | 18 | 32 | .1 | 55 | 1 | 30 | 1.47 | 22 | 5 | ND | 11 | 18 | .3 | 2 | 2 | 22 | .02 | .019 | 31 | 17 | .25 | 256 | .01 | 2 | 1.49 | .02 | .13 | 1 | 3 | 10 |
| 11200E 19700N | 4 | 15 | 18 | 27 | .1 | 25 | 1 | 39 | 1.50 | 24 | 5 | ND | 11 | 16 | .2 | 2 | 2 | 25 | .01 | .018 | 33 | 17 | .28 | 227 | .01 | 2 | 1.29 | .02 | .12 | 1 | 1 | 20 |
| 11200E 19650N | 4 | 23 | 20 | 115 | .1 | 35 | 4 | 58 | 2.23 | 262 | 5 | ND | 9 | 22 | .5 | 7 | 2 | 27 | .01 | .023 | 27 | 19 | .39 | 264 | .01 | 2 | 1.46 | .02 | .16 | 1 | 3 | 10 |
| 11400E 20700N | 2 | 65 | 8 | 39 | .5 | 18 | 3 | 137 | 5.40 | 208 | 8 | ND | 9 | 36 | .7 | 2 | 2 | 48 | .16 | .067 | 55 | 30 | .64 | 922 | .02 | 2 | 1.93 | .04 | .16 | 1 | 5 | 20 |
| 11800E 20250N | 5 | 67 | 2 | 21 | .1 | 8 | 1 | 16 | 3.34 | 767 | 5 | ND | 11 | 18 | .3 | 3 | 2 | 23 | .01 | .019 | 23 | 7 | .02 | 296 | .01 | 6 | .61 | .02 | .12 | 6 | 4 | 5 |
| 11800E 20200N | 4 | 38 | 8 | 47 | .1 | 12 | 1 | 15 | 2.03 | 269 | 5 | ND | 13 | 22 | .2 | 2 | 3 | 18 | .01 | .015 | 41 | 5 | .02 | 373 | .01 | 2 | .57 | .02 | .13 | 1 | 3 | 10 |
| 11800E 20150N | 4 | 32 | 10 | 54 | .1 | 13 | 1 | 19 | 2.21 | 298 | 5 | ND | 14 | 29 | .2 | 2 | 3 | 16 | .01 | .017 | 44 | 6 | .02 | 345 | .01 | 4 | .73 | .02 | .11 | 1 | 1 | 5 |
| 12000E 19900N | 8 | 41 | 18 | 90 | .4 | 84 | 2 | 50 | 2.73 | 97 | 5 | ND | 10 | 59 | .2 | 3 | 2 | 38 | .02 | .057 | 33 | 10 | .23 | 197 | .01 | 2 | 2.14 | .01 | .09 | 1 | 5 | 20 |
| 12000E 19850N | 6 | 33 | 21 | 56 | .3 | 128 | 1 | 26 | 1.54 | 44 | 5 | ND | 10 | 41 | .2 | 2 | 2 | 33 | .01 | .044 | 35 | 8 | .17 | 239 | .01 | 2 | 2.14 | .01 | .11 | 1 | 6 | 5 |
| 12000E 19800N | 5 | 24 | 16 | 31 | .1 | 102 | 1 | 18 | 1.02 | 35 | 5 | ND | 12 | 21 | .2 | 2 | 3 | 20 | .01 | .024 | 39 | 8 | .11 | 207 | .01 | 2 | 1.87 | .01 | .11 | 1 | 1 | 10 |
| 12400E 20900N | 1 | 81 | 15 | 37 | .3 | 14 | 2 | 46 | 8.69 | 158 | 5 | ND | 7 | 26 | .5 | 2 | 2 | 53 | .01 | .082 | 25 | 26 | .23 | 521 | .01 | 7 | 1.30 | .02 | .15 | 1 | 3 | 30 |
| 12400E 19700N | 5 | 34 | 19 | 66 | .2 | 78 | 1 | 43 | 2.75 | 113 | 5 | ND | 11 | 28 | .2 | 2 | 2 | 17 | .01 | .043 | 36 | 6 | .20 | 186 | .01 | 3 | 1.71 | .01 | .09 | 1 | 6 | 20 |
| 12400E 19650N | 6 | 23 | 16 | 38 | .3 | 69 | 1 | 27 | 1.37 | 55 | 5 | ND | 11 | 18 | .2 | 2 | 2 | 23 | .01 | .022 | 39 | 7 | .17 | 218 | .01 | 2 | 1.74 | .01 | .12 | 1 | 1 | 5 |
| 12600E 20450N | 1 | 51 | 14 | 29 | .2 | 13 | 2 | 89 | 3.75 | 274 | 5 | ND | 10 | 42 | .5 | 2 | 2 | 24 | .01 | .054 | 31 | 15 | .21 | 739 | .01 | 14 | 1.13 | .02 | .16 | 1 | 3 | 10 |
| 12600E 20100N | 2 | 66 | 15 | 47 | .4 | 11 | 2 | 68 | 4.92 | 250 | 5 | ND | 11 | 51 | .4 | 2 | 2 | 39 | .01 | .071 | 34 | 18 | .32 | 431 | .02 | 2 | 1.52 | .01 | .22 | 1 | 3 | 10 |
| 12600E 19950N | 3 | 43 | 18 | 38 | .4 | 24 | 3 | 98 | 4.33 | 329 | 5 | ND | 8 | 46 | .2 | 2 | 2 | 41 | .25 | .166 | 26 | 21 | .32 | 1352 | .02 | 5 | 1.57 | .02 | .19 | 1 | 5 | 20 |
| 12600E 19900N | 3 | 35 | 9 | 42 | .3 | 18 | 5 | 88 | 2.50 | 272 | 5 | ND | 9 | 116 | .2 | 2 | 2 | 29 | .58 | .209 | 27 | 19 | .36 | 1321 | .01 | 3 | 1.69 | .03 | .20 | 1 | 35 | 5 |
| 12600E 19850N | 3 | 32 | 13 | 23 | .2 | 16 | 5 | 65 | 2.10 | 297 | 5 | ND | 10 | 30 | .2 | 2 | 2 | 25 | .04 | .057 | 35 | 17 | .25 | 3305 | .01 | 5 | 1.26 | .02 | .16 | 1 | 2 | 10 |
| 12800E 19950N | 4 | 32 | 6 | 17 | .4 | 6 | 1 | 36 | 1.99 | 151 | 5 | ND | 13 | 38 | .2 | 2 | 2 | 23 | .01 | .029 | 36 | 16 | .22 | 427 | .01 | 3 | 1.12 | .02 | .21 | 1 | 2 | 5 |
| 12800E 19700N | 4 | 48 | 14 | 38 | .3 | 21 | 4 | 103 | 2.51 | 531 | 8 | ND | 7 | 57 | .2 | 3 | 2 | 32 | .16 | .067 | 19 | 18 | .21 | 1076 | .01 | 9 | 1.31 | .02 | .20 | 1 | 5 | 20 |
| 13000E 20500N | 1 | 50 | 10 | 49 | .5 | 51 | 5 | 69 | 3.43 | 247 | 5 | ND | 9 | 54 | .6 | 2 | 2 | 47 | .09 | .098 | 32 | 23 | .33 | 1494 | .02 | 4 | 1.91 | .02 | .17 | 1 | 3 | 5 |
| 13000E 20050N | 4 | 13 | 9 | 22 | .9 | 30 | 2 | 29 | .73 | 15 | 5 | ND | 8 | 56 | .2 | 2 | 2 | 68 | .06 | .054 | 25 | 29 | .19 | 1515 | .01 | 5 | .96 | .01 | .16 | 1 | 5 | 10 |
| 13200E 20750N | 1 | 50 | 13 | 58 | .1 | 20 | 3 | 105 | 3.97 | 29 | 6 | ND | 5 | 25 | .5 | 2 | 2 | 31 | .12 | .098 | 19 | 23 | .39 | 683 | .01 | 3 | 1.90 | .03 | .12 | 1 | 4 | 5 |
| 14800E 20750N | 2 | 31 | 16 | 90 | .2 | 36 | 7 | 210 | 3.60 | 113 | 6 | ND | 4 | 18 | .5 | 2 | 2 | 45 | .10 | .036 | 14 | 32 | .79 | 195 | .02 | 2 | 2.11 | .03 | .29 | 1 | 2 | 10 |
| 16000E 19910N | 2 | 18 | 12 | 66 | .1 | 37 | 5 | 145 | 2.80 | 151 | 5 | ND | 8 | 10 | .6 | 2 | 2 | 43 | .09 | .046 | 23 | 44 | .65 | 188 | .07 | 2 | 1.82 | .02 | .34 | 1 | 3 | 5 |
| 16000E 19850N | 2 | 27 | 11 | 106 | .1 | 31 | 6 | 279 | 4.07 | 84 | 5 | ND | 7 | 23 | .6 | 2 | 2 | 50 | .13 | .050 | 21 | 43 | .71 | 193 | .04 | 4 | 1.95 | .03 | .28 | 1 | 3 | 5 |
| 16400E 19750N | 2 | 23 | 15 | 48 | .1 | 38 | 4 | 116 | 3.08 | 622 | 10 | ND | 8 | 19 | .4 | 2 | 2 | 26 | .03 | .046 | 20 | 22 | .50 | 139 | .03 | 3 | 1.43 | .02 | .23 | 1 | 1 | 5 |
| 17000E 20100N | 6 | 19 | 6 | 50 | .2 | 15 | 3 | 172 | 2.83 | 60 | 5 | ND | 8 | 11 | .2 | 2 | 2 | 41 | .02 | .035 | 24 | 28 | .72 | 155 | .01 | 2 | 1.54 | .02 | .17 | 1 | 1 | 5 |
| STANDARD C/AU-R | 18 | 61 | 38 | 131 | 6.9 | 71 | 31 | 1051 | 3.96 | 41 | 16 | 8 | 37 | 53 | 18.9 | 15 | 19 | 56 | .50 | .097 | 38 | 60 | .87 | 181 | .07 | 36 | 1.89 | .06 | .13 | 13 | 530 | 1200 |

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: P1-P2 Talus/Rock P3 Humus AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: AUG 10 1990 DATE REPORT MAILED: Aug 17/90 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17000E 19950N | 3 | 34 | 5 | 100 | .1 | 37 | 7 | 196 | 3.37 | 28 | 5 | ND | 10 | 6 | .2 | 4 | 6 | 32 | .04 | .040 | 32 | 25 | .52 | 158 | .05 | 2 | 1.70 | .02 | .31 | 1 | 2 | 20 |
| 17000E 19900N | 2 | 25 | 15 | 68 | .1 | 20 | 5 | 81 | 3.51 | 33 | 5 | ND | 10 | 6 | .2 | 5 | 2 | 30 | .01 | .039 | 31 | 26 | .58 | 128 | .03 | 2 | 1.89 | .01 | .20 | 1 | 1 | 30 |
| 17000E 19700N | 2 | 38 | 20 | 107 | .2 | 24 | 9 | 153 | 4.77 | 49 | 5 | ND | 10 | 8 | .2 | 4 | 2 | 39 | .01 | .052 | 33 | 30 | .61 | 114 | .02 | 2 | 1.73 | .01 | .18 | 1 | 1 | 20 |
| 20000N 10600E | 6 | 21 | 7 | 76 | .1 | 34 | 4 | 35 | 2.20 | 27 | 5 | ND | 8 | 18 | .2 | 4 | 2 | 21 | .01 | .026 | 19 | 10 | .34 | 218 | .01 | 3 | 1.33 | .02 | .11 | 1 | 1 | 10 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13200E 19600N | 2 | 50 | 10 | 55 | .5 | 24 | 6 | 61 | 4.95 | 80 | 5 | ND | 1 | 21 | .4 | 2 | 2 | 14 | .08 | .147 | 16 | 8 | .16 | 423 | .01 | 2 | 1.92 | .02 | .07 | 2 | 4 | 90 |
| 13200E 19350N | 4 | 50 | 10 | 98 | .3 | 20 | 7 | 126 | 6.30 | 114 | 5 | ND | 3 | 26 | .2 | 4 | 2 | 32 | .08 | .093 | 22 | 18 | .33 | 568 | .04 | 5 | 1.68 | .02 | .13 | 1 | 2 | 20 |
| 13600E 20200N | 1 | 83 | 2 | 80 | .3 | 3 | 1 | 163 | .26 | 5 | 5 | ND | 1 | 50 | .2 | 2 | 2 | 2 | .48 | .050 | 3 | 1 | .08 | 67 | .01 | 2 | .14 | .01 | .04 | 1 | 1 | 40 |

Humus Samples

# APPENDIX II

# ROCK SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

Northern Analytical Laboratories ltd.

September 11,1990

**Work Order #** 08347

Noranda Exploration Company Limited
201 - 107 Main St.
Whitehorse, Yukon
Y1A 2A7

**File #** 08347a

**Project #** Putz 343

## Assay Certificate for Samples Provided

| Sample | ppb Au |
|---|---|
| R122214 | 55 |
| R122215 | 11 |
| R122216 | 511 |
| R122217 | 24 |
| R122218 | 42 |
| R122219 | 56 |
| R122220 | 214 |
| R122221 | 41 |
| R122222 | 233 |
| R122223 | 8 |
| R136043 | 160 |
| R139701 | 1374 |
| R139702 | 541 |
| R139703 | 5 |

Au -- 30g Fire Assay/AAS

Applied Science Technologists and Technicians of British Columbia
6992
GERALD F. HAYES
A.Sc.T.

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

Northern Analytical Laboratories ltd.

September 11,1990

**Work Order #** 08348

Noranda Exploration Company Limited
201 - 107 Main St.
Whitehorse, Yukon
Y1A 2A7

**File #** 08348a

**Project #** Putz 343

## Assay Certificate for Samples Provided

| Sample | ppb Au |
|---|---|
| R139300 | 39 |
| R139301 | 164 |
| R139302 | 18 |
| R139303 | 92 |
| R139304 | 645 |
| R139305 | 52 |
| R139306 | 40 |
| R139307 | 239 |
| R139308 | 123 |
| R139309 | 426 |
| R139310 | 232 |
| R139311 | 683 |
| R139312 | 12 |
| R139313 | 34 |
| R139314 | 693 |
| R139315 | 241 |
| R139316 | 66 |
| R139317 | 31 |
| R139318 | 29 |
| R139319 | 144 |
| R139320 | 68 |
| R139321 | 7 |
| R139322 | 13 |
| R139323 | 343 |
| R139324 | 133 |
| R139325 | 8 |
| R139326 | 11 |
| R139327 | 58 |
| R139328 | 30 |
| R139329 | 28 |

P-T-90-01

P-T-90-02

P-T-90-03

P-T-90-04

Au -- 30g Fire Assay/AAS

Applied Science Technologists and Technicians of British Columbia
6992
GERALD F. HAYES
A.Sc.T.

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

Northern Analytical Laboratories ltd.

September 11,1990

**Work Order #** 08348

Noranda Exploration Company Limited
201 - 107 Main St.
Whitehorse, Yukon
Y1A 2A7

**File #** 08348b

**Project #** Putz 343

## Assay Certificate for Samples Provided

| Sample | ppb Au |
|---|---|
| R139330 | 75 |
| R139331 | 147 |
| R139332 | 207 |
| R139333 | 109 |
| R139334 | 52 |
| R139335 | 49 |
| R139336 | 60 |
| R139337 | 118 |
| R139338 | 32 |
| R139339 | 21 |
| R139340 | 426 |
| R139341 | 1081 |
| R139342 | 436 |
| R139343 | 32 |
| R139344 | 11 |
| R139345 | 22 |
| R139346 | 161 |
| R139347 | 134 |
| R139348 | 2418 |
| R139349 | 3432 |
| R139350 | 1281 |

P-T-90-04

P-T-90-05

P-T-90-06

Au -- 30g Fire Assay/AAS

Applied Science Technologists and Technicians of British Columbia
6992
GERALD F. HAYES
A.Sc.T.

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

Northern Analytical Laboratories ltd.

October 2,1990

**Work Order #** 08425

Noranda Exploration Company Limited
201 - 107 Main St.
Whitehorse, Yukon
Y1A 2A7

**File #** 08425a

**Project #** 343 Putz

## Assay Certificate for Samples Provided

| Sample | ppb Au |
|---|---|
| R139351 | 96 |
| R139352 | 54 |
| R139353 | 55 |
| R139354 | 41 |
| R139355 | 39 |
| R139356 | 34 |
| R139357 | 29 |
| R139358 | 36 |
| R139359 | 134 |
| R139360 | 41 |
| R139361 | 58 |
| R139362 | 64 |
| R139363 | 73 |
| R139364 | 47 |
| R139365 | 29 |
| R139366 | 46 |
| R139367 | 42 |
| R139368 | 61 |
| R139369 | 38 |
| R139370 | 38 |
| R139371 | 354 |
| R139372 | 111 |
| R139373 | 142 |
| R139374 | 16 |
| R139375 | 18 |
| R139376 | 103 |
| R139377 | 91 |
| R139378 | 124 |
| R139379 | 72 |
| R139380 | 51 |

P-T-90-07
P-T-90-08
P-T-90-09
P-T-90-10

Au -- 30g Fire Assay/AAS

Applied Science Technologists and Technicians of British Columbia
6992
CERALD F. HAYES
A.Sc.T.

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

Northern Analytical Laboratories ltd.

October 2,1990

**Work Order #** 08425

Noranda Exploration Company Limited
201 - 107 Main St.
Whitehorse, Yukon
Y1A 2A7

**File #** 08425b

**Project #** 343 Putz

## Assay Certificate for Samples Provided

| Sample | ppb Au | |
|---|---|---|
| R139381 | 31 | P-T-90-10 |
| R139382 | 29 | |
| R139383 | 14 | |
| R139384 | 28 | |
| R139385 | 51 | |
| R139386 | 58 | |
| R139387 | 1708 | |
| R139388 | 507 | |
| R139389 | 283 | |
| R139390 | 241 | P-T-90-11 |
| R139391 | 18 | |
| R139392 | 132 | |
| R139393 | 89 | |
| R139394 | 96 | |
| R139395 | 310 | |
| R139396 | 138 | |
| R139397 | 310 | |
| R139398 | 4352 | |
| R139399 | 315 | |
| R139400 | 112 | |
| R139401 | 27 | |
| R139402 | 52 | |
| R139403 | 59 | P-T-90-12 |
| R139404 | 1168 | |
| R139405 | 19 | |
| R139406 | 15 | P-T-90-13 |
| R139407 | 26 | |
| R139408 | 33 | |
| R139409 | 39 | |
| R139410 | 951 | |

Au -- 30g Fire Assay/AAS

Applied Science Technologists and Technicians of British Columbia
6992
CERALD F. HAYES
A.Sc.T.

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

Northern Analytical Laboratories ltd.

October 2,1990

**Work Order #** 08425

Noranda Exploration Company Limited
201 - 107 Main St.
Whitehorse, Yukon
Y1A 2A7

**File #** 08425c

**Project #** 343 Putz

## Assay Certificate for Samples Provided

| Sample | ppb Au |
|---|---|
| R139411 | 38 |
| R139412 | 47 |
| R139413 | 35 |
| R139414 | 16 |
| R139415 | 18 |
| R139416 | 21 |
| R139417 | 26 |
| R139418 | 100 |
| R139419 | 110 |
| R139420 | 360 |
| R139421 | 154 |
| R139422 | 163 |
| R139423 | 54 |
| R139424 | 493 |
| R139425 | 161 |
| R139426 | 54 |
| R139427 | <5 |
| R139428 | 47 |
| R139429 | 12 |
| R139430 | 15 |
| R139431 | 15 |
| R139432 | 13 |
| R139433 | 11 |
| R139434 | 10 |
| R139435 | 13 |
| R139436 | 11 |
| R139437 | <5 |
| R139438 | >5000 |
| R139439 | 19 |
| R139440 | 127 |

P-T-90-13

P-T-90-14

Au -- 30g Fire Assay/AAS

Applied Science Technologists and Technicians of British Columbia
6992
GERALD F. HAYES
A.Sc.T.

Northern Analytical Laboratories ltd.

October 4,1990

**Work Order #** 08425

Noranda Exploration Company Limited
201 - 107 Main St.
Whitehorse, Yukon
Y1A 2A7

**File #** 08425d

**Project #** 343 Putz

## Assay Certificate for Samples Provided

| Sample | ppb Au |
|---|---|
| R139441 | 55 |
| R139442 | 42 |
| R139443 | 170 |
| R139444 | 132 |
| R139445 | 23 |
| R139446 | 40 |
| R139447 | 159 |
| R139448 | 721 |
| R139449 | 48 |
| R139450 | 16 |
| R139451 | 14 |
| R139452 | 18 |
| R139453 | 24 |
| R139454 | 69 |
| R139455 | 23 |
| R139456 | 41 |
| R139457 | 34 |
| R139458 | 515 |
| R139459 | 26 |
| R139460 | 22 |
| R139461 | 47 |
| R139462 | 60 |
| R139463 | 54 |
| R139464 | 39 |
| R139465 | 68 |
| R139466 | 46 |
| R139467 | 43 |
| R139468 | 66 |
| R139469 | 43 |
| R139470 | 48 |

P-T-90-16

P-T-90-17

Au -- 30g Fire Assay/AAS

Applied Science Technologists and Technicians of British Columbia
6992
GERALD F. HAYES
A.Sc.T.

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

Northern Analytical Laboratories ltd.

October 4,1990

**Work Order #** 08425

Noranda Exploration Company Limited
201 - 107 Main St.
Whitehorse, Yukon
Y1A 2A7

**File #** 08425e

**Project #** 343 Putz

## Assay Certificate for Samples Provided

| Sample | ppb Au |
|---|---|
| R139471 | 24 |
| R139472 | 42 |
| R139473 | 2992 |
| R139474 | 10 |
| R139475 | 26 |
| R139476 | 18 |
| R139477 | 17 |
| R139478 | 46 |
| R139479 | 30 |
| R139480 | 68 |
| R139481 | 47 |
| R139482 | 19 |
| R139483 | 29 |
| R139484 | 33 |
| R139485 | 8 |
| R139486 | 19 |
| R139487 | 24 |
| R139488 | 35 |
| R139489 | 39 |
| R139490 | 54 |
| R139491 | 39 |
| R139492 | 47 |
| R139493 | 26 |
| R139494 | 610 |
| R139495 | 381 |
| R139496 | 419 |
| R139497 | 14 |
| R139498 | 22 |
| R139499 | 16 |
| R139500 | 19 |

P-T-90-17

P-T-90-18

P-T-90-19

P-T-90-20

Au -- 30g Fire Assay/AAS

Applied Science Technologists and Technicians of British Columbia
6992
GERALD F. HAYES
A.Sc.T.

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: [403] 668-4968 Fax: [403] 668-4890

Northern Analytical Laboratories ltd.

October 4,1990

**Work Order #** 08425

Noranda Exploration Company Limited
201 - 107 Main St.
Whitehorse, Yukon
Y1A 2A7

**File #** 08425f

**Project #** 343 Putz

## Assay Certificate for Samples Provided

| Sample | ppb Au | |
|---|---|---|
| R141201 | 3097 | |
| R141202 | 108 | P-T-90-21 |
| R141203 | 47 | |
| R141204 | 39 | |
| R141205 | 32 | |
| R141206 | 69 | |
| R141207 | 24 | |
| R141208 | 15 | |
| R141210 | 20 | |
| R141211 | 20 | P-T-90-23 |
| R141212 | 18 | |
| R141213 | 10 | |
| R141214 | 16 | |
| R141215 | 20 | |
| R141216 | 16 | |
| R141217 | 17 | |
| R141218 | 13 | P-T-90-22 |
| R141219 | 14 | |
| R141220 | 1341 | P-T-90-22 |

Au -- 30g Fire Assay/AAS

Applied Science Technologists and Technicians of British Columbia
6992
GERALD F. HAYES
A.Sc.T.

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

Northern Analytical Laboratories ltd.

October 4,1990

**Work Order #** 08425

Noranda Exploration Company Limited
201 - 107 Main St.
Whitehorse, Yukon
Y1A 2A7

**File #** 08425g

**Project #** 343 Putz

## Assay Certificate for Samples Provided

| Sample | ppb Au |
|---|---|
| FS141209 | 54 |

Au -- 30g Fire Assay/AAS

Applied Science Technologists and Technicians of British Columbia
6992
CERALD F. HAYES
A.Sc.T.

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

Northern Analytical Laboratories ltd.

October 4,1990

Noranda Exploration Company Limited
201 - 107 Main St.
Whitehorse, Yukon
Y1A 2A7

**Work Order #** 08425

**File #** 08425h

**Project #** 343 Putz

## Assay Certificate for Samples Provided

| Sample | oz/t Au |
|---|---|
| R139438 | 0.188 |

Au -- 1AT Fire Assay/Grav

Applied Science Technologists and Technicians of British Columbia
6992
GERALD F. HAYES
A.Sc.T.

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6 53-1716

# GEOCHEMICAL ANALYSIS CERTIFICATE Putz (JK)

**Noranda Exploration Co. Ltd.** PROJECT 9009-042 343 File # 90-4508 Page 1

P.O. Box 2380, 1050 Davie, Vancouver BC V6B 3T5

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 139300 | 5 | 37 | 37 | 30 | .6 | 4 | 2 | 22 | 2.68 | 1129 | 5 | ND | 10 | 18 | .6 | 26 | 4 | 21 | .03 | .046 | 34 | 16 | .03 | 236 | .01 | 3 | .47 | .02 | .12 | 1 |
| 139301 | 2 | 20 | 443 | 20 | 3.6 | 3 | 1 | 27 | 1.40 | 3401 | 5 | ND | 3 | 7 | .2 | 21 | 9 | 2 | .01 | .025 | 5 | 19 | .09 | 993 | .01 | 2 | .89 | .01 | .11 | 1 |
| 139302 | 1 | 15 | 328 | 28 | 1.8 | 6 | 1 | 45 | 1.13 | 1574 | 5 | ND | 2 | 5 | .3 | 21 | 4 | 1 | .01 | .012 | 3 | 20 | .14 | 133 | .01 | 3 | 1.16 | .01 | .11 | 1 |
| 139303 | 2 | 9 | 166 | 29 | .4 | 5 | 1 | 27 | .96 | 1932 | 6 | ND | 2 | 4 | .2 | 18 | 6 | 1 | .01 | .008 | 2 | 17 | .14 | 49 | .01 | 2 | 1.00 | .01 | .11 | 1 |
| 139304 | 2 | 25 | 59 | 44 | 1.9 | 3 | 1 | 16 | 1.64 | 17778 | 5 | ND | 2 | 4 | .2 | 17 | 11 | 1 | .01 | .015 | 2 | 27 | .05 | 38 | .01 | 3 | .62 | .01 | .16 | 1 |
| 139305 | 2 | 7 | 20 | 27 | .5 | 16 | 1 | 31 | .72 | 1911 | 5 | ND | 3 | 4 | .4 | 21 | 3 | 1 | .01 | .012 | 2 | 24 | .08 | 51 | .01 | 4 | 1.10 | .01 | .12 | 1 |
| 139306 | 2 | 5 | 10 | 20 | .1 | 14 | 1 | 25 | .68 | 2045 | 5 | ND | 1 | 7 | .2 | 41 | 2 | 1 | .01 | .019 | 2 | 17 | .07 | 49 | .01 | 3 | 1.02 | .01 | .11 | 1 |
| 139307 | 2 | 9 | 8 | 18 | .1 | 4 | 1 | 17 | 1.28 | 4260 | 6 | ND | 1 | 9 | .2 | 28 | 4 | 1 | .01 | .023 | 3 | 19 | .04 | 59 | .01 | 5 | .56 | .01 | .14 | 1 |
| 139308 | 2 | 13 | 17 | 14 | .5 | 3 | 1 | 7 | 1.18 | 9448 | 7 | ND | 2 | 4 | .2 | 21 | 5 | 1 | .01 | .024 | 2 | 29 | .01 | 66 | .01 | 7 | .33 | .01 | .15 | 1 |
| 139309 | 2 | 23 | 30 | 17 | .4 | 3 | 1 | 10 | 1.05 | 7618 | 5 | ND | 2 | 7 | .2 | 20 | 5 | 1 | .01 | .018 | 3 | 18 | .07 | 36 | .01 | 4 | .74 | .01 | .13 | 1 |
| 139310 | 1 | 12 | 43 | 16 | 1.2 | 3 | 1 | 8 | .67 | 4446 | 5 | ND | 2 | 5 | .2 | 11 | 3 | 1 | .01 | .019 | 2 | 18 | .06 | 26 | .01 | 4 | .61 | .01 | .10 | 1 |
| 139311 | 2 | 30 | 30 | 25 | 1.3 | 1 | 1 | 15 | 1.34 | 12591 | 5 | ND | 2 | 7 | .2 | 24 | 4 | 1 | .01 | .023 | 4 | 20 | .03 | 36 | .01 | 4 | .41 | .01 | .12 | 1 |
| 139312 | 5 | 12 | 27 | 20 | 1.0 | 4 | 1 | 29 | 1.85 | 2158 | 5 | ND | 9 | 16 | .2 | 54 | 4 | 39 | .01 | .048 | 31 | 32 | .23 | 242 | .01 | 6 | .75 | .01 | .28 | 1 |
| 139313 | 5 | 42 | 27 | 25 | .2 | 2 | 2 | 2 | 3.59 | 1179 | 5 | ND | 12 | 11 | .2 | 59 | 2 | 15 | .01 | .032 | 33 | 13 | .01 | 180 | .01 | 4 | .37 | .02 | .11 | 2 |
| 139314 | 6 | 19 | 17 | 12 | .6 | 1 | 1 | 11 | 1.33 | 13975 | 5 | ND | 1 | 4 | .2 | 17 | 17 | 2 | .01 | .022 | 2 | 65 | .01 | 57 | .01 | 5 | .25 | .01 | .12 | 1 |
| 139315 | 4 | 20 | 22 | 13 | .2 | 3 | 1 | 8 | 1.15 | 13258 | 6 | ND | 1 | 3 | .2 | 9 | 2 | 1 | .01 | .018 | 2 | 42 | .01 | 37 | .01 | 4 | .24 | .01 | .12 | 1 |
| 139316 | 3 | 7 | 6 | 9 | .1 | 3 | 1 | 11 | .77 | 3425 | 5 | ND | 2 | 5 | .4 | 18 | 3 | 2 | .04 | .012 | 2 | 31 | .01 | 95 | .01 | 5 | .28 | .01 | .16 | 1 |
| 139317 | 3 | 3 | 14 | 5 | .1 | 2 | 1 | 6 | .35 | 898 | 5 | ND | 1 | 3 | .2 | 7 | 2 | 1 | .01 | .010 | 2 | 31 | .01 | 90 | .01 | 5 | .27 | .01 | .13 | 1 |
| 139318 | 1 | 4 | 9 | 6 | .1 | 7 | 1 | 11 | .97 | 3129 | 5 | ND | 2 | 4 | .2 | 15 | 2 | 1 | .01 | .027 | 2 | 17 | .05 | 46 | .01 | 2 | .58 | .01 | .08 | 1 |
| 139319 | 5 | 10 | 12 | 8 | .7 | 3 | 1 | 10 | 1.16 | 2131 | 5 | ND | 4 | 9 | .3 | 52 | 4 | 5 | .01 | .031 | 7 | 36 | .03 | 128 | .01 | 2 | .41 | .01 | .10 | 1 |
| 139320 | 4 | 24 | 15 | 17 | .3 | 2 | 2 | 7 | 2.75 | 2378 | 5 | ND | 6 | 7 | .5 | 96 | 7 | 8 | .01 | .052 | 14 | 30 | .03 | 140 | .01 | 4 | .45 | .01 | .11 | 1 |
| 139321 | 5 | 18 | 13 | 41 | .5 | 3 | 1 | 3 | 1.97 | 766 | 5 | ND | 11 | 8 | .2 | 33 | 5 | 13 | .01 | .025 | 37 | 12 | .01 | 173 | .01 | 2 | .35 | .01 | .13 | 2 |
| 139322 | 2 | 15 | 431 | 17 | .5 | 35 | 1 | 48 | 1.16 | 1984 | 5 | ND | 2 | 8 | .2 | 78 | 9 | 2 | .01 | .034 | 7 | 28 | .12 | 99 | .01 | 3 | 1.87 | .01 | .12 | 1 |
| 139323 | 3 | 14 | 17 | 10 | .8 | 21 | 1 | 22 | .96 | 6417 | 5 | ND | 2 | 6 | .2 | 27 | 4 | 2 | .01 | .032 | 3 | 36 | .05 | 75 | .01 | 4 | .89 | .01 | .12 | 1 |
| 139324 | 3 | 10 | 18 | 9 | .2 | 2 | 1 | 8 | .84 | 6180 | 5 | ND | 3 | 6 | .2 | 10 | 3 | 1 | .01 | .039 | 3 | 38 | .04 | 122 | .01 | 3 | .53 | .01 | .14 | 1 |
| 139325 | 5 | 28 | 19 | 13 | .6 | 1 | 1 | 3 | 1.97 | 912 | 5 | ND | 10 | 7 | .3 | 53 | 2 | 14 | .01 | .020 | 37 | 11 | .01 | 161 | .01 | 2 | .31 | .01 | .13 | 1 |
| 139326 | 2 | 20 | 28 | 81 | .1 | 21 | 5 | 88 | 3.02 | 322 | 5 | ND | 10 | 16 | .2 | 10 | 9 | 17 | .02 | .037 | 29 | 19 | .22 | 418 | .01 | 5 | .81 | .01 | .13 | 2 |
| 139327 | 6 | 16 | 12 | 12 | .1 | 3 | 1 | 14 | .71 | 5329 | 5 | ND | 1 | 6 | .2 | 7 | 2 | 2 | .01 | .020 | 2 | 79 | .03 | 293 | .01 | 5 | .48 | .01 | .14 | 1 |
| 139328 | 3 | 6 | 20 | 10 | .1 | 5 | 1 | 10 | .48 | 1620 | 5 | ND | 2 | 6 | .2 | 8 | 2 | 1 | .03 | .015 | 2 | 35 | .05 | 987 | .01 | 6 | .54 | .01 | .08 | 1 |
| 139329 | 3 | 13 | 21 | 10 | .1 | 5 | 1 | 9 | .76 | 4043 | 5 | ND | 2 | 6 | .2 | 13 | 2 | 2 | .01 | .019 | 2 | 40 | .04 | 82 | .01 | 4 | .56 | .01 | .09 | 1 |
| 139330 | 2 | 10 | 43 | 6 | .5 | 1 | 1 | 3 | .64 | 2582 | 5 | ND | 6 | 12 | .2 | 15 | 2 | 7 | .01 | .029 | 25 | 11 | .02 | 165 | .01 | 2 | .32 | .01 | .14 | 1 |
| 139331 | 2 | 28 | 86 | 9 | 1.7 | 1 | 1 | 3 | 1.09 | 6822 | 5 | ND | 5 | 11 | .2 | 15 | 4 | 7 | .01 | .022 | 16 | 9 | .02 | 167 | .01 | 3 | .32 | .01 | .14 | 1 |
| 139332 | 5 | 10 | 15 | 13 | .7 | 2 | 1 | 12 | .84 | 6901 | 5 | ND | 2 | 11 | .2 | 23 | 11 | 2 | .01 | .013 | 2 | 65 | .02 | 78 | .01 | 6 | .46 | .01 | .14 | 1 |
| 139333 | 3 | 5 | 23 | 13 | .1 | 3 | 1 | 8 | .65 | 4669 | 5 | ND | 1 | 7 | .2 | 14 | 3 | 1 | .01 | .014 | 2 | 42 | .02 | 66 | .01 | 3 | .52 | .01 | .13 | 1 |
| 139334 | 3 | 7 | 984 | 33 | 5.3 | 15 | 1 | 6 | .62 | 1062 | 5 | ND | 2 | 9 | .3 | 41 | 9 | 1 | .01 | .017 | 4 | 36 | .02 | 51 | .01 | 5 | .84 | .02 | .10 | 1 |
| 139335 | 3 | 19 | 5391 | 115 | 38.4 | 13 | 1 | 6 | .65 | 1932 | 9 | ND | 2 | 16 | 1.3 | 159 | 4 | 2 | .01 | .015 | 5 | 37 | .01 | 47 | .01 | 6 | .91 | .03 | .12 | 1 |
| STANDARD C | 19 | 61 | 40 | 130 | 6.6 | 73 | 32 | 1055 | 3.98 | 38 | 18 | 7 | 38 | 52 | 19.3 | 14 | 21 | 56 | .52 | .099 | 39 | 56 | .91 | 182 | .07 | 35 | 1.90 | .06 | .13 | 11 |

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

**DATE RECEIVED:** SEP 17 1990 **DATE REPORT MAILED:** Sept 21/90 **SIGNED BY** D. Toye ..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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 139336 | 4 | 12 | 504 | 18 | 2.2 | 5 | 1 | 13 | 1.12 | 2633 | 8 | ND | 3 | 7 | .2 | 47 | 6 | 2 | .01 | .019 | 6 | 45 | .01 | 66 | .01 | 6 | .48 | .01 | .11 | 2 |
| 139337 | 3 | 13 | 125 | 13 | 1.8 | 1 | 1 | 5 | 1.56 | 5416 | 5 | ND | 9 | 13 | .2 | 23 | 2 | 11 | .01 | .038 | 25 | 16 | .02 | 194 | .01 | 4 | .42 | .01 | .18 | 1 |
| 139338 | 4 | 8 | 18 | 12 | .6 | 4 | 1 | 15 | 1.25 | 1504 | 5 | ND | 9 | 13 | .2 | 13 | 4 | 9 | .04 | .025 | 34 | 15 | .03 | 148 | .01 | 5 | .28 | .01 | .13 | 2 |
| 139339 | 3 | 6 | 56 | 14 | 1.5 | 8 | 1 | 14 | 1.39 | 2090 | 13 | ND | 2 | 9 | .2 | 13 | 2 | 3 | .01 | .045 | 5 | 42 | .07 | 39 | .01 | 4 | 1.07 | .01 | .12 | 1 |
| 139340 | 4 | 14 | 13 | 16 | .2 | 3 | 1 | 13 | 1.19 | 11370 | 8 | ND | 1 | 6 | .2 | 30 | 5 | 1 | .02 | .019 | 2 | 51 | .03 | 28 | .01 | 4 | .43 | .01 | .12 | 1 |
| 139341 | 3 | 16 | 21 | 21 | .1 | 1 | 1 | 7 | 2.24 | 27104 | 5 | ND | 1 | 4 | .2 | 46 | 11 | 1 | .01 | .018 | 2 | 34 | .01 | 27 | .01 | 6 | .28 | .01 | .11 | 1 |
| 139342 | 6 | 12 | 16 | 12 | .2 | 1 | 2 | 8 | 1.36 | 14387 | 5 | ND | 1 | 5 | .2 | 25 | 2 | 1 | .01 | .013 | 2 | 67 | .01 | 28 | .01 | 5 | .27 | .01 | .12 | 1 |
| 139343 | 3 | 12 | 15 | 15 | .2 | 1 | 1 | 6 | 1.19 | 577 | 5 | ND | 7 | 9 | .2 | 7 | 2 | 11 | .01 | .021 | 32 | 15 | .04 | 144 | .01 | 4 | .39 | .01 | .15 | 2 |
| 139344 | 6 | 3 | 26 | 78 | .2 | 3 | 2 | 83 | .63 | 298 | 12 | ND | 2 | 7 | .3 | 4 | 4 | 2 | .08 | .006 | 3 | 66 | .06 | 55 | .01 | 4 | .58 | .05 | .09 | 1 |
| 139345 | 4 | 34 | 19 | 70 | .2 | 13 | 4 | 7 | 3.05 | 2608 | 13 | ND | 15 | 16 | .2 | 5 | 3 | 2 | .01 | .023 | 16 | 37 | .01 | 219 | .01 | 5 | .84 | .02 | .14 | 1 |
| 139346 | 4 | 36 | 15 | 33 | .1 | 15 | 10 | 12 | 1.73 | 6816 | 9 | ND | 14 | 8 | .4 | 5 | 2 | 1 | .01 | .018 | 12 | 38 | .02 | 122 | .01 | 7 | .85 | .02 | .12 | 1 |
| 139347 | 6 | 21 | 16 | 18 | .2 | 5 | 9 | 30 | 2.32 | 14268 | 5 | ND | 12 | 21 | .2 | 9 | 5 | 1 | .08 | .090 | 3 | 69 | .01 | 952 | .01 | 10 | .33 | .01 | .06 | 909 |
| 139348 | 6 | 654 | 6 | 12 | .2 | 85 | 123 | 18 | 6.18 | 67625 | 5 | 2 | 4 | 4 | .2 | 31 | 40 | 4 | .02 | .132 | 16 | 49 | .01 | 30 | .01 | 14 | .18 | .01 | .07 | 1 |
| 139349 | 10 | 370 | 39 | 17 | .3 | 19 | 106 | 27 | 14.96 | 99999 | 5 | 2 | 4 | 2 | .2 | 118 | 97 | 3 | .01 | .127 | 2 | 14 | .01 | 90 | .01 | 7 | .11 | .01 | .01 | 1 |
| 139350 | 12 | 138 | 22 | 10 | .2 | 36 | 167 | 27 | 3.57 | 29571 | 5 | ND | 1 | 5 | .2 | 30 | 61 | 1 | .02 | .028 | 2 | 105 | .01 | 200 | .01 | 13 | .07 | .01 | .02 | 1 |
| STANDARD C | 19 | 61 | 37 | 131 | 7.1 | 73 | 32 | 1055 | 3.98 | 39 | 20 | 8 | 38 | 53 | 19.8 | 16 | 21 | 56 | .52 | .097 | 38 | 56 | .91 | 182 | .07 | 37 | 1.89 | .06 | .14 | 13 |

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

GEOCHEMICAL ANALYSIS CERTIFICATE Putz Bennet (84)

**Noranda Exploration Co. Ltd.** PROJECT 9008-015 343 File # 90-3158 Page 1

P.O. Box 2380, 1050 Davie, Vancouver BC V6B 3T5

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 114777 | 1 | 7 | 11 | 22 | .5 | 12 | 1 | 39 | 4.33 | 8774 | 7 | ND | 6 | 45 | .6 | 6 | 4 | 2 | .01 | .038 | 16 | 1 | .03 | 79 | .01 | 4 | 1.40 | .04 | .15 | 1 | 82 | 5 |
| R 114779 | 1 | 46 | 9 | 141 | .2 | 80 | 21 | 487 | 5.28 | 37 | 5 | ND | 10 | 21 | .8 | 4 | 3 | 41 | .17 | .045 | 7 | 43 | 1.26 | 98 | .01 | 2 | 2.37 | .04 | .17 | 1 | 5 | 5 |
| R 114780 | 1 | 125 | 8 | 92 | .3 | 60 | 19 | 276 | 4.86 | 854 | 5 | ND | 2 | 13 | .9 | 2 | 2 | 73 | .29 | .067 | 6 | 77 | 1.05 | 87 | .04 | 3 | 1.41 | .02 | .33 | 1 | 33 | 5 |
| R 114781 | 2 | 51 | 25 | 119 | .1 | 69 | 19 | 308 | 5.08 | 41 | 5 | ND | 1 | 15 | .4 | 2 | 2 | 42 | .23 | .048 | 6 | 35 | 1.12 | 71 | .01 | 3 | 2.10 | .02 | .13 | 1 | 5 | 5 |
| R 114782 | 1 | 9 | 46 | 37 | .5 | 6 | 1 | 121 | .74 | 667 | 5 | ND | 8 | 37 | .2 | 2 | 2 | 1 | .53 | .011 | 7 | 3 | .01 | 39 | .01 | 3 | .34 | .03 | .12 | 1 | 5 | 5 |
| R 114783 | 2 | 15 | 21 | 145 | .5 | 30 | 15 | 365 | 3.88 | 154 | 5 | ND | 10 | 112 | .6 | 7 | 2 | 59 | 1.80 | .040 | 13 | 41 | 1.42 | 100 | .18 | 3 | 4.33 | .34 | .71 | 3 | 3 | 5 |
| R 114785 | 1 | 7 | 12 | 23 | .1 | 16 | 2 | 83 | .46 | 2607 | 5 | ND | 1 | 17 | .2 | 2 | 2 | 1 | .21 | .004 | 2 | 4 | .04 | 49 | .01 | 2 | .26 | .03 | .07 | 1 | 52 | 5 |
| R 114786 | 3 | 9 | 7 | 45 | .1 | 34 | 6 | 102 | .45 | 1581 | 5 | ND | 1 | 19 | .2 | 2 | 2 | 1 | .09 | .004 | 3 | 7 | .06 | 43 | .01 | 2 | .33 | .03 | .06 | 1 | 8 | 5 |
| R 114787 | 4 | 23 | 2 | 67 | .1 | 58 | 16 | 131 | 2.94 | 107 | 5 | ND | 4 | 35 | .2 | 2 | 3 | 40 | .36 | .055 | 10 | 42 | .64 | 135 | .08 | 2 | 2.08 | .09 | .45 | 1 | 2 | 5 |
| R 114788 | 1 | 7 | 60 | 22 | 1.2 | 8 | 1 | 32 | .78 | 5959 | 5 | ND | 1 | 18 | .3 | 2 | 2 | 1 | .11 | .003 | 2 | 4 | .02 | 9 | .01 | 2 | .40 | .03 | .10 | 1 | 43 | 5 |
| R 114789 | 2 | 6 | 237 | 37 | 1.3 | 9 | 1 | 35 | .46 | 3211 | 5 | ND | 1 | 8 | .2 | 2 | 3 | 1 | .02 | .002 | 2 | 4 | .01 | 6 | .01 | 3 | .23 | .04 | .08 | 1 | 51 | 5 |
| R 114790 | 4 | 46 | 11 | 57 | .5 | 119 | 28 | 166 | 5.85 | 197 | 5 | ND | 3 | 7 | .9 | 2 | 2 | 46 | .19 | .075 | 9 | 33 | .84 | 30 | .03 | 3 | 1.53 | .01 | .31 | 1 | 12 | 5 |
| R 114791 | 2 | 6 | 15 | 15 | .2 | 9 | 1 | 49 | .52 | 3232 | 5 | ND | 2 | 7 | .2 | 2 | 2 | 1 | .05 | .001 | 2 | 4 | .01 | 16 | .01 | 4 | .22 | .05 | .07 | 1 | 43 | 5 |
| R 114792 | 3 | 8 | 6 | 13 | .1 | 10 | 1 | 24 | .79 | 279 | 5 | ND | 8 | 7 | .2 | 2 | 2 | 2 | .03 | .002 | 7 | 8 | .02 | 27 | .01 | 7 | .41 | .04 | .09 | 1 | 10 | 5 |
| R 114793 | 3 | 32 | 17 | 75 | .5 | 15 | 2 | 94 | 4.10 | 109 | 5 | ND | 2 | 8 | .4 | 7 | 2 | 33 | .01 | .029 | 4 | 26 | .62 | 40 | .01 | 2 | 1.59 | .01 | .06 | 1 | 5 | 5 |
| R 114794 | 2 | 7 | 38 | 46 | .2 | 12 | 1 | 25 | 2.78 | 230 | 5 | ND | 24 | 2 | .2 | 2 | 2 | 1 | .01 | .011 | 9 | 1 | .01 | 23 | .01 | 5 | .44 | .01 | .18 | 1 | 3 | 5 |
| R 114795 | 1 | 13 | 4 | 7 | .1 | 7 | 1 | 31 | 3.26 | 24944 | 5 | ND | 5 | 7 | .2 | 2 | 5 | 19 | .07 | .051 | 9 | 17 | .13 | 21 | .01 | 4 | .48 | .01 | .04 | 1 | 250 | 5 |
| R 114796 | 2 | 9 | 47 | 33 | .4 | 19 | 1 | 55 | .71 | 336 | 5 | ND | 15 | 5 | .2 | 2 | 2 | 1 | .01 | .007 | 11 | 3 | .01 | 35 | .01 | 2 | .49 | .01 | .13 | 1 | 25 | 5 |
| R 114797 | 2 | 5 | 76 | 112 | .7 | 36 | 3 | 47 | 1.15 | 3221 | 5 | ND | 14 | 9 | .5 | 2 | 2 | 2 | .11 | .013 | 8 | 7 | .15 | 61 | .01 | 5 | .54 | .02 | .14 | 1 | 88 | 5 |
| R 114798 | 2 | 5 | 36 | 22 | .1 | 14 | 1 | 16 | .58 | 114 | 5 | ND | 15 | 2 | .2 | 2 | 2 | 1 | .03 | .006 | 8 | 4 | .02 | 192 | .01 | 6 | .38 | .04 | .13 | 1 | 53 | 5 |
| R 122093 | 2 | 3 | 50 | 206 | .2 | 11 | 4 | 40 | .83 | 113 | 5 | ND | 2 | 5 | .2 | 42 | 3 | 1 | .04 | .005 | 2 | 4 | .02 | 9 | .01 | 3 | .58 | .04 | .07 | 1 | 8 | 5 |
| R 122094 | 4 | 27 | 3 | 181 | .3 | 12 | 2 | 38 | 6.04 | 105 | 5 | ND | 9 | 14 | .5 | 2 | 3 | 22 | .01 | .066 | 22 | 5 | .01 | 244 | .01 | 2 | .79 | .02 | .10 | 1 | 5 | 5 |
| R 122095 | 6 | 54 | 2 | 21 | .2 | 8 | 1 | 31 | 4.57 | 2433 | 5 | ND | 3 | 37 | 1.4 | 3 | 4 | 37 | .01 | .032 | 5 | 4 | .01 | 195 | .01 | 11 | .31 | .01 | .03 | 1 | 7 | 5 |
| R 122096 | 12 | 131 | 12 | 17 | .7 | 87 | 160 | 31 | 5.44 | 59323 | 5 | ND | 3 | 13 | .4 | 80 | 61 | 3 | .01 | .015 | 2 | 6 | .01 | 191 | .01 | 32 | .23 | .01 | .02 | 1 | 1060 | 5 |
| R 122097 | 8 | 56 | 29 | 102 | 2.4 | 87 | 23 | 78 | 2.97 | 66 | 5 | ND | 7 | 30 | .3 | 2 | 6 | 41 | .01 | .017 | 18 | 20 | .36 | 31 | .03 | 2 | 1.46 | .02 | .17 | 1 | 21 | 5 |
| R 122098 | 3 | 171 | 16 | 60 | 1.8 | 72 | 14 | 42 | 4.21 | 409 | 5 | ND | 1 | 66 | .5 | 6 | 2 | 81 | .02 | .015 | 3 | 41 | 1.29 | 30 | .03 | 2 | 3.31 | .06 | .44 | 1 | 66 | 5 |
| R 122099 | 1 | 636 | 7 | 18 | .7 | 40 | 8 | 175 | 24.05 | 92 | 5 | ND | 1 | 50 | .2 | 5 | 3 | 11 | .59 | .265 | 3 | 8 | .10 | 7 | .03 | 6 | .37 | .01 | .19 | 1 | 33 | 5 |
| R 122100 | 1 | 96 | 10 | 17 | .5 | 6 | 3 | 251 | 5.96 | 16 | 5 | ND | 1 | 14 | .6 | 2 | 6 | 19 | .15 | .153 | 5 | 6 | .23 | 40 | .05 | 9 | .34 | .01 | .31 | 1 | 6 | 5 |
| R 122101 | 3 | 45 | 6 | 19 | .1 | 14 | 2 | 47 | .94 | 41 | 5 | ND | 1 | 1 | .6 | 2 | 2 | 16 | .02 | .004 | 3 | 16 | .28 | 39 | .01 | 2 | .49 | .01 | .03 | 11 | 6 | 5 |
| R 122102 | 2 | 234 | 3 | 22 | .1 | 80 | 76 | 35 | 10.37 | 99999 | 5 | ND | 12 | 3 | .5 | 33 | 19 | 3 | .01 | .136 | 4 | 8 | .01 | 29 | .01 | 16 | .36 | .01 | .08 | 1 | 580 | 5 |
| R 122103 | 1 | 805 | 65 | 17 | 6.1 | 38 | 67 | 57 | 14.71 | 99999 | 5 | ND | 1 | 91 | .8 | 42 | 125 | 5 | .04 | .360 | 2 | 14 | .01 | 11 | .01 | 10 | .42 | .01 | .19 | 1 | 1680 | 5 |
| R 122104 | 2 | 12 | 9 | 1 | .3 | 7 | 1 | 17 | .66 | 1400 | 5 | ND | 12 | 10 | .2 | 2 | 2 | 1 | .01 | .005 | 9 | 4 | .02 | 521 | .01 | 2 | .46 | .03 | .09 | 1 | 17 | 5 |
| R 122106 | 2 | 63 | 23 | 55 | .6 | 26 | 6 | 223 | 2.92 | 666 | 5 | ND | 5 | 19 | .4 | 2 | 2 | 45 | .03 | .031 | 15 | 29 | .71 | 295 | .01 | 2 | 1.47 | .02 | .07 | 1 | 15 | 5 |
| R 122107 | 2 | 143 | 22 | 52 | 1.0 | 133 | 17 | 220 | 3.51 | 220 | 5 | ND | 3 | 13 | .4 | 2 | 2 | 20 | .04 | .025 | 12 | 15 | .57 | 35 | .01 | 4 | 1.26 | .02 | .08 | 1 | 6 | 5 |
| R 122108 | 1 | 55 | 2 | 21 | 4.9 | 33 | 11 | 131 | 13.62 | 99 | 5 | ND | 1 | 66 | .2 | 5 | 2 | 21 | .69 | .588 | 3 | 18 | .26 | 7 | .03 | 9 | .42 | .01 | .09 | 1 | 13 | 10 |
| R 122109 | 3 | 45 | 23 | 121 | 1.7 | 62 | 335 | 294 | 9.88 | 50803 | 5 | ND | 8 | 47 | .9 | 40 | 122 | 62 | .58 | .038 | 16 | 49 | 1.68 | 31 | .07 | 3 | 3.35 | .08 | .29 | 1 | 1260 | 5 |
| STANDARD C/AU-R | 18 | 62 | 39 | 131 | 7.1 | 73 | 31 | 1051 | 3.96 | 42 | 19 | 8 | 36 | 52 | 18.5 | 15 | 20 | 56 | .51 | .098 | 37 | 58 | .86 | 179 | .08 | 35 | 1.91 | .06 | .14 | 11 | 520 | 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: Rock AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: AUG 3 1990 DATE REPORT MAILED: Aug 9/90. 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 122110 | 1 | 73 | 16 | 170 | 1.3 | 45 | 9 | 60 | 2.26 | 292 | 5 | ND | 7 | 31 | .2 | 2 | 3 | 15 | .03 | .021 | 21 | 16 | .45 | 54 | .01 | 4 | .97 | .06 | .10 | 1 | 26 | 5 |
| R 122111 | 2 | 84 | 4 | 106 | .6 | 89 | 11 | 97 | 2.94 | 22 | 8 | ND | 4 | 13 | .3 | 2 | 2 | 34 | .01 | .019 | 13 | 25 | .78 | 117 | .01 | 4 | 1.52 | .03 | .08 | 1 | 13 | 5 |
| R 122112 | 1 | 300 | 6 | 50 | 5.6 | 42 | 9 | 189 | 18.61 | 84 | 5 | ND | 1 | 46 | .2 | 2 | 2 | 4 | .90 | .301 | 3 | 5 | .08 | 5 | .01 | 13 | .53 | .01 | .01 | 1 | 27 | 5 |
| R 122113 | 4 | 48 | 146 | 10 | 6.7 | 276 | 210 | 121 | 20.44 | 89999 | 5 | 8 | 3 | 1 | .2 | 99 | 455 | 3 | .01 | .014 | 2 | 12 | .01 | 2 | .01 | 20 | .11 | .01 | .04 | 1 | 11790 | 5 |
| R 122114 | 3 | 50 | 39 | 11 | .7 | 38 | 14 | 81 | 3.01 | 14569 | 5 | ND | 7 | 9 | .3 | 5 | 8 | 8 | .20 | .093 | 14 | 5 | .02 | 151 | .01 | 24 | .36 | .01 | .13 | 1 | 230 | 5 |
| R 122115 | 2 | 49 | 11 | 20 | .5 | 12 | 1 | 81 | 2.26 | 146 | 5 | ND | 3 | 14 | .2 | 2 | 2 | 27 | .10 | .049 | 8 | 15 | .34 | 421 | .01 | 8 | .72 | .01 | .07 | 1 | 17 | 5 |
| R 122116 | 4 | 18 | 7 | 5 | .2 | 21 | 8 | 45 | 1.24 | 944 | 5 | ND | 2 | 3 | .2 | 2 | 3 | 3 | .05 | .018 | 8 | 10 | .01 | 129 | .01 | 13 | .22 | .01 | .02 | 1 | 24 | 5 |
| R 122117 | 1 | 109 | 15 | 4 | .6 | 109 | 167 | 38 | 5.73 | 56642 | 5 | ND | 1 | 4 | .2 | 30 | 21 | 2 | .01 | .024 | 2 | 4 | .01 | 40 | .01 | 35 | .02 | .01 | .01 | 1 | 515 | 5 |
| R 122118 | 4 | 79 | 6 | 5 | .2 | 55 | 221 | 59 | 2.34 | 20444 | 5 | ND | 2 | 17 | .2 | 17 | 15 | 3 | .01 | .018 | 2 | 11 | .01 | 150 | .01 | 79 | .11 | .01 | .04 | 1 | 111 | 5 |
| R 122119 | 4 | 2413 | 9 | 9 | .8 | 81 | 164 | 65 | 1.42 | 12750 | 6 | ND | 2 | 3 | .5 | 9 | 6 | 1 | .01 | .028 | 2 | 8 | .01 | 36 | .01 | 39 | .04 | .01 | .01 | 1 | 148 | 5 |
| R 122121 | 2 | 43 | 30 | 23 | .3 | 10 | 1 | 41 | .57 | 129 | 5 | ND | 10 | 29 | .2 | 2 | 2 | 1 | .03 | .003 | 7 | 4 | .05 | 108 | .01 | 4 | .85 | .02 | .06 | 1 | 1 | 5 |
| R 122122 | 1 | 119 | 3 | 142 | 5.7 | 46 | 8 | 182 | 22.66 | 100 | 5 | ND | 1 | 6 | .2 | 6 | 4 | 6 | .26 | .095 | 3 | 10 | .47 | 1 | .01 | 8 | .35 | .01 | .01 | 1 | 24 | 50 |
| R 122123 | 2 | 6 | 68 | 89 | .5 | 13 | 2 | 69 | .62 | 361 | 10 | ND | 1 | 23 | .5 | 23 | 2 | 1 | .17 | .005 | 2 | 5 | .05 | 77 | .01 | 6 | .83 | .09 | .11 | 1 | 1 | 5 |
| R 122124 | 1 | 37 | 27 | 78 | 1.3 | 1 | 1 | 18 | 1.67 | 17749 | 5 | ND | 1 | 1 | .8 | 27 | 9 | 1 | .01 | .006 | 2 | 1 | .01 | 22 | .01 | 6 | .27 | .01 | .14 | 1 | 1020 | 10 |
| R 122125 | 2 | 48 | 120 | 22 | 6.4 | 2 | 4 | 52 | 16.75 | 89999 | 5 | 42 | 2 | 1 | .3 | 417 | 338 | 2 | .01 | .007 | 2 | 5 | .01 | 11 | .01 | 6 | .23 | .01 | .05 | 1 | 61650 | 5 |
| R 137361 | 1 | 6 | 4 | 1 | .8 | 4 | 1 | 81 | .71 | 2243 | 5 | ND | 1 | 4 | .2 | 3 | 903 | 6 | .02 | .002 | 2 | 10 | .12 | 6 | .01 | 6 | .12 | .01 | .02 | 61 | 645 | 5 |
| R 137362 | 4 | 52 | 13 | 77 | .2 | 29 | 10 | 325 | 5.83 | 1136 | 5 | ND | 5 | 14 | .6 | 2 | 3 | 50 | .02 | .034 | 14 | 45 | .88 | 207 | .01 | 2 | 1.56 | .03 | .13 | 1 | 300 | 5 |
| R 137363 | 1 | 26 | 17 | 113 | .5 | 35 | 9 | 416 | 3.37 | 318 | 5 | ND | 6 | 107 | .6 | 5 | 2 | 20 | .20 | .059 | 6 | 23 | .70 | 32 | .01 | 3 | 1.38 | .01 | .27 | 1 | 4 | 5 |
| R 137364 | 15 | 429 | 16 | 79 | .8 | 136 | 41 | 280 | 6.12 | 216 | 5 | ND | 5 | 21 | .4 | 5 | 2 | 129 | .28 | .006 | 7 | 104 | 1.44 | 48 | .02 | 6 | 2.94 | .07 | .24 | 1 | 13 | 5 |
| R 137365 | 4 | 211 | 22 | 91 | .6 | 63 | 28 | 211 | 3.53 | 239 | 5 | ND | 3 | 228 | .7 | 2 | 2 | 95 | 3.78 | .004 | 14 | 62 | .81 | 183 | .09 | 7 | 7.14 | .54 | .35 | 1 | 4 | 5 |
| R 137366 | 4 | 14 | 2 | 21 | .2 | 6 | 1 | 66 | .89 | 90 | 5 | ND | 7 | 11 | .2 | 2 | 2 | 17 | .01 | .006 | 22 | 12 | .24 | 270 | .01 | 4 | .67 | .02 | .12 | 1 | 6 | 5 |
| R 137367 | 1 | 11 | 26 | 72 | .2 | 39 | 1 | 62 | 4.47 | 1537 | 5 | ND | 12 | 244 | .4 | 2 | 2 | 12 | .02 | .090 | 18 | 9 | .31 | 156 | .01 | 3 | 3.37 | .01 | .20 | 1 | 5 | 5 |
| R 137368 | 1 | 12 | 27 | 85 | .2 | 34 | 14 | 66 | 2.29 | 3214 | 5 | ND | 19 | 7 | .3 | 8 | 2 | 2 | .03 | .041 | 40 | 1 | .14 | 70 | .01 | 2 | 1.96 | .03 | .08 | 1 | 10 | 5 |
| R 137369 | 2 | 17 | 86 | 42 | .5 | 18 | 2 | 100 | 2.23 | 532 | 6 | ND | 8 | 22 | .3 | 22 | 2 | 28 | .14 | .024 | 30 | 18 | .39 | 193 | .01 | 4 | 1.30 | .03 | .17 | 1 | 3 | 5 |
| R 137370 | 2 | 19 | 649 | 52 | 50.7 | 6 | 1 | 32 | 2.21 | 18604 | 5 | ND | 4 | 5 | .5 | 159 | 155 | 5 | .01 | .011 | 8 | 2 | .01 | 52 | .01 | 3 | .27 | .01 | .11 | 1 | 760 | 30 |
| R 137371 | 1 | 33 | 79 | 70 | 3.9 | 4 | 1 | 28 | 5.44 | 54482 | 5 | 8 | 1 | 2 | .6 | 473 | 83 | 1 | .01 | .014 | 2 | 1 | .01 | 17 | .01 | 4 | .26 | .01 | .09 | 1 | 9120 | 5 |
| R 137372 | 1 | 15 | 29 | 42 | .9 | 7 | 1 | 17 | .89 | 6462 | 5 | ND | 1 | 3 | .5 | 36 | 18 | 1 | .01 | .006 | 2 | 1 | .02 | 18 | .01 | 6 | .53 | .01 | .11 | 1 | 400 | 5 |
| R 137373 | 2 | 18 | 61 | 43 | 2.2 | 6 | 1 | 21 | 2.07 | 20272 | 5 | 2 | 1 | 2 | .5 | 102 | 23 | 1 | .01 | .009 | 2 | 2 | .01 | 18 | .01 | 4 | .25 | .01 | .12 | 1 | 1520 | 5 |
| R 137374 | 1 | 18 | 95 | 64 | 2.4 | 4 | 1 | 25 | 2.73 | 27873 | 5 | 4 | 1 | 3 | .5 | 115 | 38 | 1 | .01 | .011 | 2 | 1 | .01 | 15 | .01 | 4 | .35 | .01 | .08 | 1 | 3960 | 5 |
| R 137375 | 1 | 11 | 78 | 61 | 2.1 | 64 | 1 | 14 | .88 | 5312 | 5 | ND | 2 | 4 | .4 | 42 | 12 | 1 | .01 | .015 | 2 | 2 | .02 | 33 | .01 | 5 | 1.14 | .02 | .08 | 1 | 840 | 5 |
| R 137376 | 7 | 14 | 16 | 43 | .4 | 2 | 1 | 17 | 1.67 | 167 | 5 | ND | 9 | 4 | .2 | 8 | 2 | 23 | .01 | .027 | 28 | 2 | .04 | 128 | .01 | 4 | .31 | .01 | .10 | 1 | 17 | 30 |
| R 137377 | 1 | 9 | 13 | 15 | .7 | 9 | 1 | 15 | 1.05 | 4386 | 5 | ND | 2 | 6 | .2 | 19 | 4 | 1 | .01 | .011 | 2 | 3 | .02 | 20 | .01 | 6 | .52 | .03 | .10 | 1 | 420 | 5 |
| R 137378 | 1 | 7 | 18 | 20 | .5 | 4 | 1 | 16 | .82 | 5257 | 5 | ND | 1 | 4 | .2 | 16 | 2 | 1 | .01 | .008 | 2 | 1 | .02 | 17 | .01 | 4 | .50 | .01 | .09 | 1 | 300 | 5 |
| R 137379 | 1 | 13 | 55 | 52 | 1.5 | 4 | 1 | 17 | 1.50 | 14274 | 5 | 2 | 1 | 2 | .3 | 52 | 20 | 1 | .01 | .012 | 2 | 2 | .01 | 14 | .01 | 4 | .19 | .01 | .09 | 1 | 1130 | 5 |
| R 137380 | 1 | 17 | 120 | 26 | 4.9 | 4 | 1 | 32 | 4.20 | 42145 | 5 | 2 | 1 | 4 | .4 | 266 | 49 | 1 | .01 | .011 | 2 | 1 | .01 | 17 | .01 | 5 | .30 | .01 | .08 | 1 | 2390 | 5 |
| R 137381 | 2 | 15 | 33 | 21 | 1.9 | 6 | 1 | 28 | 3.93 | 36622 | 5 | 4 | 1 | 4 | .5 | 146 | 38 | 1 | .01 | .011 | 2 | 1 | .02 | 16 | .01 | 3 | .38 | .01 | .08 | 1 | 4490 | 5 |
| STANDARD C/AU-R | 17 | 61 | 39 | 134 | 7.1 | 71 | 32 | 1051 | 3.96 | 41 | 18 | 7 | 37 | 52 | 18.6 | 14 | 20 | 56 | .51 | .094 | 37 | 60 | .86 | 179 | .08 | 35 | 1.85 | .06 | .14 | 12 | 530 | 1500 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 137382 | 2 | 8 | 41 | 20 | 1.6 | 5 | 1 | 31 | 1.02 | 6523 | 5 | ND | 1 | 4 | .2 | 18 | 10 | 1 | .01 | .009 | 2 | 5 | .03 | 21 | .01 | 6 | .39 | .01 | .11 | 1 | 750 | 5 |
| R 137383 | 2 | 10 | 187 | 71 | 8.4 | 3 | 2 | 12 | 1.30 | 11144 | 5 | ND | 2 | 3 | .2 | 58 | 44 | 1 | .01 | .008 | 2 | 5 | .02 | 28 | .01 | 5 | .27 | .01 | .11 | 1 | 940 | 5 |
| R 137384 | 5 | 13 | 12 | 3 | .9 | 1 | 2 | 2 | .78 | 3795 | 5 | ND | 6 | 5 | .2 | 18 | 3 | 6 | .01 | .021 | 27 | 4 | .01 | 149 | .01 | 4 | .26 | .01 | .16 | 1 | 440 | 30 |
| R 137385 | 2 | 101 | 36 | 11 | 1.6 | 3 | 2 | 12 | 3.69 | 42392 | 5 | 4 | 3 | 1 | .2 | 239 | 35 | 1 | .01 | .027 | 2 | 7 | .01 | 24 | .01 | 2 | .19 | .01 | .11 | 1 | 3940 | 5 |
| R 137386 | 2 | 80 | 35 | 8 | .8 | 1 | 1 | 7 | 2.30 | 26578 | 5 | 2 | 2 | 1 | .2 | 92 | 19 | 1 | .01 | .013 | 2 | 4 | .01 | 25 | .01 | 3 | .25 | .01 | .11 | 1 | 2130 | 5 |
| R 137387 | 2 | 182 | 107 | 15 | 7.6 | 6 | 8 | 11 | 12.40 | 99999 | 6 | 38 | 4 | 1 | .5 | 752 | 364 | 1 | .01 | .021 | 2 | 4 | .02 | 17 | .01 | 2 | .28 | .01 | .08 | 2 | 42000 | 5 |
| R 137388 | 1 | 128 | 57 | 25 | 4.2 | 3 | 2 | 19 | 4.22 | 42018 | 5 | 11 | 4 | 2 | .4 | 106 | 94 | 1 | .01 | .130 | 2 | 6 | .07 | 19 | .01 | 5 | .52 | .01 | .08 | 1 | 11440 | 5 |
| R 137389 | 2 | 211 | 66 | 20 | 13.9 | 8 | 4 | 27 | 5.48 | 63701 | 5 | 22 | 4 | 1 | .4 | 246 | 195 | 1 | .01 | .036 | 2 | 5 | .08 | 13 | .01 | 2 | .57 | .01 | .06 | 1 | 24500 | 5 |
| R 137390 | 3 | 19 | 10 | 5 | .4 | 6 | 1 | 20 | .96 | 5767 | 5 | ND | 2 | 3 | .2 | 6 | 2 | 1 | .01 | .037 | 2 | 7 | .03 | 19 | .01 | 3 | .32 | .01 | .08 | 1 | 300 | 5 |
| R 137391 | 6 | 6 | 11 | 3 | .4 | 1 | 1 | 2 | .89 | 774 | 5 | ND | 9 | 6 | .2 | 8 | 2 | 6 | .01 | .025 | 33 | 5 | .01 | 165 | .01 | 8 | .32 | .01 | .15 | 1 | 53 | 5 |
| R 137392 | 1 | 10 | 44 | 27 | .2 | 16 | 1 | 48 | .83 | 4807 | 5 | ND | 1 | 5 | .2 | 9 | 2 | 1 | .01 | .009 | 2 | 3 | .12 | 36 | .01 | 4 | .98 | .01 | .10 | 1 | 70 | 5 |
| R 137393 | 1 | 10 | 51 | 65 | .3 | 19 | 1 | 155 | 1.09 | 2166 | 5 | ND | 2 | 7 | .2 | 10 | 3 | 1 | .01 | .013 | 2 | 3 | .12 | 75 | .01 | 4 | 1.27 | .01 | .08 | 1 | 45 | 5 |
| R 137394 | 1 | 21 | 43 | 66 | .5 | 15 | 1 | 39 | .91 | 5457 | 5 | ND | 2 | 5 | .5 | 10 | 2 | 1 | .01 | .011 | 2 | 3 | .09 | 22 | .01 | 4 | .95 | .01 | .12 | 1 | 15 | 5 |
| R 137395 | 2 | 16 | 16 | 16 | .4 | 8 | 1 | 18 | 1.24 | 10602 | 5 | ND | 2 | 3 | .2 | 19 | 2 | 1 | .01 | .010 | 2 | 5 | .04 | 23 | .01 | 4 | .55 | .01 | .13 | 1 | 490 | 5 |
| R 137396 | 1 | 17 | 5 | 15 | .4 | 7 | 1 | 15 | 1.07 | 9895 | 6 | ND | 2 | 4 | .2 | 14 | 2 | 1 | .01 | .007 | 2 | 3 | .06 | 21 | .01 | 2 | .67 | .01 | .10 | 1 | 390 | 5 |
| R 137397 | 2 | 31 | 12 | 6 | .2 | 5 | 1 | 12 | .91 | 6998 | 5 | ND | 1 | 2 | .2 | 15 | 2 | 1 | .01 | .008 | 2 | 6 | .03 | 21 | .01 | 3 | .35 | .01 | .11 | 1 | 420 | 5 |
| R 137398 | 2 | 127 | 115 | 14 | 14.5 | 5 | 4 | 12 | 8.59 | 99999 | 5 | 48 | 3 | 1 | .7 | 483 | 462 | 1 | .01 | .010 | 2 | 4 | .02 | 11 | .01 | 2 | .32 | .01 | .06 | 1 | 53100 | 5 |
| R 137399 | 1 | 12 | 21 | 36 | .3 | 21 | 1 | 32 | 1.38 | 2057 | 5 | ND | 1 | 4 | .2 | 6 | 2 | 1 | .01 | .025 | 2 | 4 | .08 | 20 | .01 | 4 | 1.09 | .01 | .08 | 1 | 350 | 5 |
| R 137400 | 1 | 11 | 14 | 68 | .2 | 10 | 2 | 34 | 1.92 | 1224 | 5 | ND | 2 | 4 | .2 | 3 | 3 | 1 | .04 | .021 | 2 | 4 | .08 | 31 | .01 | 5 | .71 | .02 | .08 | 1 | 71 | 5 |
| R 138603 | 2 | 23 | 10 | 32 | .1 | 7 | 4 | 141 | 5.40 | 79 | 5 | ND | 7 | 9 | .6 | 3 | 2 | 54 | .06 | .069 | 16 | 46 | .67 | 720 | .02 | 2 | 1.78 | .01 | .10 | 1 | 10 | 5 |
| R 138604 | 2 | 13 | 36 | 10 | .2 | 21 | 5 | 9 | 6.67 | 45 | 5 | ND | 5 | 3 | .2 | 6 | 4 | 15 | .07 | .045 | 7 | 12 | .03 | 17 | .01 | 2 | .47 | .01 | .09 | 1 | 12 | 5 |
| R 138605 | 8 | 34 | 13 | 97 | .6 | 57 | 22 | 156 | 3.29 | 94 | 5 | ND | 7 | 3 | .2 | 3 | 5 | 23 | .08 | .047 | 12 | 21 | .76 | 94 | .03 | 2 | 1.33 | .01 | .31 | 1 | 5 | 5 |
| R 138606 | 2 | 6 | 19 | 4 | .2 | 6 | 1 | 15 | 1.14 | 117 | 5 | ND | 22 | 3 | .2 | 3 | 3 | 2 | .03 | .026 | 9 | 5 | .05 | 38 | .01 | 2 | .38 | .02 | .09 | 1 | 11 | 5 |
| R 138607 | 1 | 13 | 24 | 11 | .1 | 3 | 1 | 8 | .91 | 529 | 5 | ND | 25 | 6 | .2 | 6 | 9 | 1 | .01 | .007 | 10 | 3 | .08 | 107 | .01 | 4 | .51 | .02 | .09 | 1 | 14 | 5 |
| R 138608 | 2 | 18 | 2 | 66 | .1 | 31 | 13 | 202 | 3.37 | 16809 | 5 | ND | 2 | 55 | .5 | 6 | 4 | 44 | .72 | .042 | 4 | 31 | .99 | 96 | .04 | 2 | 2.07 | .11 | .23 | 1 | 31 | 5 |
| R 138609 | 3 | 26 | 21 | 90 | .2 | 42 | 10 | 262 | 1.99 | 81 | 6 | ND | 6 | 10 | .2 | 2 | 2 | 20 | .13 | .033 | 10 | 19 | .31 | 59 | .01 | 2 | .67 | .02 | .14 | 1 | 5 | 5 |
| R 138610 | 2 | 18 | 36 | 18 | .1 | 11 | 9 | 135 | .76 | 110 | 8 | ND | 11 | 3 | .2 | 2 | 2 | 1 | .04 | .023 | 9 | 3 | .06 | 16 | .01 | 5 | .48 | .02 | .06 | 1 | 5 | 5 |
| R 138611 | 2 | 86 | 17 | 93 | .1 | 66 | 24 | 192 | 4.42 | 62 | 5 | ND | 3 | 12 | .3 | 2 | 2 | 46 | .15 | .052 | 9 | 44 | 1.09 | 123 | .01 | 2 | 1.79 | .02 | .16 | 1 | 5 | 5 |
| R 138612 | 2 | 103 | 12 | 34 | .4 | 64 | 20 | 190 | 3.96 | 5540 | 5 | ND | 8 | 9 | .5 | 2 | 2 | 19 | .24 | .057 | 12 | 17 | .78 | 65 | .01 | 4 | 1.33 | .02 | .36 | 1 | 46 | 5 |
| R 138613 | 2 | 47 | 8 | 85 | .1 | 37 | 15 | 173 | 3.80 | 22 | 5 | ND | 4 | 6 | .2 | 2 | 2 | 58 | .03 | .038 | 14 | 39 | 1.10 | 67 | .01 | 2 | 1.86 | .01 | .09 | 1 | 8 | 5 |
| R 138614 | 5 | 46 | 5 | 46 | .1 | 46 | 8 | 179 | 2.23 | 62 | 5 | ND | 5 | 13 | .2 | 2 | 2 | 41 | .20 | .049 | 10 | 39 | .54 | 99 | .05 | 3 | 1.70 | .04 | .25 | 1 | 7 | 5 |
| R 138615 | 2 | 43 | 19 | 110 | .3 | 83 | 23 | 302 | 4.20 | 38 | 5 | ND | 3 | 10 | .2 | 2 | 2 | 49 | .11 | .038 | 9 | 34 | 1.03 | 97 | .02 | 2 | 1.97 | .02 | .28 | 1 | 3 | 5 |
| R 138617 | 2 | 34 | 4 | 43 | .1 | 32 | 30 | 176 | 5.16 | 43496 | 5 | ND | 4 | 25 | .5 | 15 | 2 | 39 | .44 | .050 | 4 | 51 | 1.29 | 50 | .07 | 2 | 1.90 | .02 | .48 | 1 | 6 | 5 |
| R 138618 | 5 | 72 | 7 | 24 | .2 | 59 | 26 | 87 | 4.46 | 4908 | 5 | ND | 5 | 86 | .9 | 2 | 9 | 37 | .81 | .047 | 9 | 37 | .82 | 79 | .03 | 2 | 3.15 | .15 | .39 | 1 | 20 | 5 |
| R 138619 | 4 | 11 | 4 | 5 | .1 | 9 | 2 | 34 | 1.09 | 172 | 5 | ND | 1 | 2 | .2 | 2 | 2 | 6 | .02 | .010 | 4 | 13 | .10 | 27 | .01 | 2 | .25 | .01 | .05 | 1 | 10 | 5 |
| R 138620 | 4 | 56 | 11 | 42 | .2 | 53 | 29 | 164 | 3.25 | 6452 | 5 | ND | 5 | 145 | .5 | 2 | 2 | 56 | 1.55 | .055 | 7 | 60 | 1.07 | 112 | .07 | 2 | 3.82 | .28 | .52 | 1 | 5 | 5 |
| STANDARD C/AU-R | 19 | 57 | 43 | 131 | 7.1 | 67 | 31 | 1049 | 3.96 | 41 | 21 | 7 | 37 | 52 | 18.8 | 15 | 21 | 55 | .51 | .093 | 37 | 56 | .91 | 180 | .07 | 35 | 1.89 | .06 | .14 | 14 | 550 | 1400 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 138621 | 1 | 69 | 2 | 24 | .5 | 7 | 5 | 231 | 5.01 | 1078 | 5 | ND | 3 | 36 | .2 | 3 | 2 | 64 | .40 | .037 | 7 | 51 | 1.82 | 31 | .16 | 3 | 2.04 | .01 | .08 | 1 | 10 | 5 |
| R 138622 | 4 | 110 | 2 | 18 | .2 | 21 | 10 | 158 | 3.29 | 1341 | 5 | ND | 4 | 41 | .2 | 2 | 2 | 24 | .52 | .042 | 10 | 33 | .80 | 38 | .09 | 2 | 1.19 | .01 | .06 | 5 | 28 | 5 |
| R 138623 | 2 | 71 | 2 | 12 | .3 | 15 | 2 | 88 | 2.11 | 230 | 5 | ND | 3 | 38 | .2 | 2 | 2 | 18 | .39 | .026 | 6 | 30 | .52 | 38 | .10 | 2 | .77 | .01 | .09 | 1 | 15 | 5 |
| R 138625 | 3 | 82 | 2 | 6 | .3 | 10 | 1 | 70 | 1.71 | 1030 | 6 | ND | 1 | 6 | .2 | 2 | 3 | 17 | .07 | .014 | 2 | 20 | .54 | 12 | .05 | 3 | .53 | .01 | .04 | 1 | 14 | 5 |
| R 138627 | 2 | 9 | 6 | 17 | .3 | 12 | 1 | 19 | .43 | 520 | 5 | ND | 1 | 4 | .2 | 4 | 6 | 1 | .03 | .006 | 2 | 7 | .08 | 38 | .01 | 4 | .99 | .02 | .10 | 1 | 13 | 5 |
| R 138628 | 3 | 28 | 2 | 22 | .1 | 14 | 4 | 54 | 3.86 | 2185 | 5 | ND | 5 | 23 | .2 | 2 | 2 | 29 | .01 | .050 | 11 | 16 | .37 | 148 | .01 | 7 | .98 | .03 | .20 | 1 | 12 | 5 |
| R 138629 | 5 | 26 | 12 | 23 | .1 | 7 | 1 | 87 | 3.32 | 327 | 7 | ND | 10 | 12 | .5 | 2 | 2 | 57 | .01 | .032 | 20 | 25 | 1.10 | 416 | .07 | 6 | 2.09 | .03 | .77 | 1 | 7 | 5 |
| R 138630 | 4 | 19 | 2 | 5 | .1 | 8 | 1 | 30 | .68 | 418 | 5 | ND | 1 | 2 | .2 | 2 | 2 | 16 | .01 | .004 | 2 | 16 | .15 | 49 | .01 | 4 | .23 | .01 | .03 | 4 | 26 | 5 |
| R 138631 | 1 | 70417 | 11 | 500 | 195.9 | 26 | 19 | 198 | 20.56 | 1515 | 5 | 2 | 1 | 161 | 6.5 | 9 | 25 | 11 | 1.81 | 1.151 | 5 | 12 | .06 | 23 | .01 | 14 | .35 | .01 | .14 | 1 | 150 | 570 |
| R 138632 | 3 | 185 | 3 | 5 | .7 | 10 | 1 | 11 | .52 | 1718 | 5 | ND | 3 | 7 | .2 | 2 | 9 | 1 | .01 | .016 | 18 | 8 | .01 | 61 | .01 | 18 | .04 | .01 | .01 | 1 | 41 | 5 |
| R 138633 | 3 | 54 | 2 | 1 | .1 | 13 | 5 | 11 | .50 | 2446 | 5 | ND | 2 | 1 | .2 | 2 | 2 | 1 | .01 | .015 | 2 | 7 | .01 | 34 | .01 | 18 | .02 | .01 | .01 | 1 | 8 | 5 |
| R 138634 | 3 | 218 | 2 | 1 | 1.1 | 81 | 87 | 21 | 1.00 | 8655 | 5 | ND | 4 | 3 | .2 | 2 | 7 | 1 | .01 | .027 | 2 | 9 | .01 | 30 | .01 | 30 | .07 | .01 | .01 | 1 | 42 | 5 |
| R 138635 | 2 | 6 | 4 | 1 | .1 | 5 | 1 | 2 | .20 | 29 | 5 | ND | 7 | 13 | .2 | 2 | 2 | 1 | .01 | .002 | 29 | 5 | .01 | 266 | .01 | 17 | .21 | .01 | .07 | 1 | 3 | 5 |
| R 138636 | 3 | 291 | 2 | 70 | 2.1 | 53 | 7 | 140 | 4.19 | 120 | 5 | ND | 2 | 59 | .6 | 2 | 2 | 39 | .13 | .022 | 8 | 22 | .69 | 16 | .01 | 3 | 2.56 | .06 | .17 | 1 | 1 | 5 |
| R 138637 | 9 | 134 | 10 | 28 | 1.4 | 57 | 8 | 26 | 3.00 | 92 | 5 | ND | 5 | 21 | .4 | 2 | 2 | 10 | .01 | .016 | 13 | 11 | .37 | 30 | .01 | 9 | 2.00 | .01 | .07 | 1 | 8 | 5 |
| R 138638 | 1 | 8 | 32 | 41 | .1 | 6 | 1 | 15 | 1.22 | 236 | 5 | ND | 2 | 2 | .2 | 2 | 2 | 1 | .01 | .005 | 2 | 2 | .08 | 78 | .01 | 6 | .85 | .02 | .10 | 1 | 7 | 5 |
| R 138639 | 1 | 15 | 11 | 50 | .1 | 31 | 1 | 65 | 2.15 | 2368 | 13 | ND | 2 | 1 | .3 | 2 | 2 | 1 | .03 | .017 | 2 | 4 | .13 | 60 | .01 | 3 | 1.89 | .01 | .08 | 1 | 28 | 5 |
| R 138640 | 3 | 6 | 2 | 1 | .1 | 8 | 1 | 2 | .39 | 29 | 5 | ND | 1 | 1 | .2 | 2 | 2 | 1 | .01 | .001 | 2 | 5 | .01 | 5 | .01 | 2 | .01 | .01 | .01 | 1 | 1 | 5 |
| R 138641 | 4 | 7 | 2 | 2 | .1 | 12 | 1 | 14 | .44 | 38 | 5 | ND | 1 | 27 | .2 | 2 | 2 | 3 | .01 | .017 | 2 | 10 | .01 | 371 | .01 | 4 | .07 | .01 | .02 | 1 | 1 | 5 |
| R 138642 | 2 | 11 | 9 | 131 | .1 | 29 | 3 | 9 | .41 | 36 | 5 | ND | 1 | 9 | 2.4 | 4 | 2 | 1 | .06 | .003 | 2 | 4 | .01 | 28 | .01 | 5 | .64 | .05 | .10 | 1 | 1 | 5 |
| R 138643 | 3 | 12 | 2 | 2 | .1 | 8 | 1 | 15 | 1.35 | 451 | 5 | ND | 1 | 7 | .2 | 2 | 2 | 3 | .01 | .024 | 4 | 7 | .01 | 60 | .01 | 7 | .08 | .01 | .02 | 1 | 1 | 5 |
| R 138644 | 8 | 16 | 167 | 1 | 1.8 | 4 | 1 | 2 | .90 | 3063 | 5 | ND | 11 | 17 | .2 | 8 | 3 | 1 | .01 | .036 | 31 | 5 | .01 | 272 | .01 | 11 | .30 | .01 | .17 | 1 | 220 | 80 |
| R 138645 | 4 | 91 | 2 | 1 | .1 | 2 | 1 | 16 | .53 | 138 | 7 | ND | 1 | 439 | .2 | 2 | 2 | 4 | 21.94 | 6.071 | 39 | 5 | .01 | 97 | .01 | 258 | .31 | .05 | .07 | 1 | 10 | 10 |
| R 138646 | 2 | 93 | 6 | 64 | .2 | 43 | 7 | 28 | .85 | 46 | 5 | ND | 9 | 18 | 4.7 | 2 | 2 | 11 | .02 | .042 | 29 | 13 | .16 | 753 | .01 | 2 | .77 | .01 | .12 | 1 | 4 | 5 |
| R 138647 | 2 | 69 | 6 | 414 | .3 | 64 | 19 | 192 | 4.12 | 3895 | 5 | ND | 2 | 17 | 5.0 | 2 | 2 | 35 | .20 | .059 | 8 | 24 | .88 | 86 | .05 | 2 | 2.29 | .02 | .52 | 1 | 1 | 5 |
| R 138649 | 2 | 76 | 2 | 103 | .2 | 90 | 28 | 347 | 4.81 | 339 | 5 | ND | 1 | 41 | .9 | 3 | 2 | 34 | .46 | .043 | 6 | 20 | .92 | 36 | .02 | 5 | 2.89 | .07 | .29 | 1 | 5 | 5 |
| R 138650 | 5 | 10 | 12 | 13 | .1 | 22 | 1 | 110 | .83 | 47 | 5 | ND | 1 | 2 | .2 | 2 | 2 | 15 | .06 | .021 | 4 | 19 | .25 | 19 | .01 | 2 | .40 | .01 | .06 | 1 | 4 | 5 |
| R 138651 | 2 | 8 | 12 | 21 | .1 | 10 | 2 | 105 | .47 | 2895 | 6 | ND | 1 | 31 | .2 | 2 | 5 | 1 | .59 | .005 | 2 | 5 | .02 | 34 | .01 | 3 | .29 | .03 | .10 | 1 | 30 | 5 |
| R 138652 | 4 | 84 | 2 | 17 | .2 | 27 | 11 | 75 | 2.46 | 828 | 5 | ND | 5 | 63 | .4 | 2 | 2 | 13 | .89 | .042 | 12 | 27 | .27 | 62 | .06 | 3 | 1.55 | .02 | .07 | 1 | 1 | 5 |
| R 138653 | 2 | 38 | 2 | 39 | .6 | 60 | 28 | 171 | 5.65 | 42094 | 9 | ND | 5 | 4 | .8 | 7 | 8 | 35 | .11 | .060 | 9 | 30 | 1.18 | 24 | .01 | 2 | 1.54 | .01 | .08 | 1 | 240 | 5 |
| R 138654 | 2 | 42 | 122 | 38 | 2.0 | 5 | 1 | 16 | 3.74 | 42278 | 5 | ND | 2 | 1 | .5 | 37 | 3 | 4 | .01 | .003 | 7 | 5 | .01 | 27 | .01 | 2 | .19 | .01 | .04 | 1 | 920 | 10 |
| R 138655 | 2 | 52 | 2 | 24 | .1 | 32 | 6 | 155 | 2.63 | 357 | 5 | ND | 2 | 57 | .6 | 2 | 2 | 43 | .64 | .047 | 5 | 44 | .86 | 178 | .10 | 7 | 2.17 | .08 | .68 | 3 | 2 | 5 |
| R 138656 | 1 | 8 | 14 | 41 | .1 | 16 | 1 | 143 | .46 | 327 | 9 | ND | 1 | 6 | .2 | 2 | 2 | 1 | .33 | .002 | 2 | 7 | .03 | 7 | .01 | 2 | .28 | .04 | .09 | 1 | 6 | 5 |
| R 138657 | 2 | 16 | 48 | 19 | .6 | 7 | 1 | 266 | 4.57 | 1011 | 5 | ND | 5 | 5 | .5 | 21 | 2 | 38 | .05 | .071 | 12 | 34 | 1.27 | 41 | .01 | 2 | 1.84 | .01 | .07 | 1 | 7 | 5 |
| R 138658 | 2 | 19 | 2920 | 37 | 26.1 | 4 | 1 | 10 | 1.72 | 8630 | 5 | ND | 3 | 2 | .2 | 51 | 50 | 8 | .03 | .044 | 12 | 7 | .01 | 31 | .01 | 5 | .21 | .01 | .06 | 1 | 1120 | 40 |
| R 138659 | 1 | 24 | 51 | 118 | .8 | 60 | 16 | 101 | 3.39 | 20841 | 7 | ND | 5 | 2 | 1.0 | 19 | 2 | 11 | .09 | .048 | 15 | 15 | .85 | 73 | .02 | 6 | 1.51 | .01 | .52 | 1 | 550 | 5 |
| STANDARD C/AU-R | 18 | 62 | 41 | 133 | 7.1 | 70 | 31 | 1050 | 3.96 | 39 | 17 | 7 | 36 | 52 | 18.6 | 15 | 21 | 56 | .50 | .098 | 36 | 59 | .86 | 180 | .07 | 35 | 1.91 | .06 | .14 | 12 | 480 | 1600 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 138660 | 1 | 34 | 23 | 145 | 1.2 | 2 | 2 | 76 | 12.22 | 99999 | 5 | ND | 2 | 2 | 1.0 | 158 | 18 | 8 | .01 | .018 | 3 | 11 | .01 | 25 | .01 | 4 | .33 | .01 | .04 | 1 | 1680 | 5 |
| R 139101 | 1 | 2 | 3 | 46 | .1 | 5 | 1 | 30 | 1.58 | 1422 | 5 | ND | 1 | 2 | .2 | 3 | 2 | 1 | .01 | .011 | 2 | 1 | .05 | 18 | .01 | 3 | .58 | .02 | .07 | 1 | 32 | 5 |
| R 139102 | 1 | 6 | 21 | 19 | .6 | 5 | 1 | 4 | .92 | 4846 | 5 | ND | 1 | 4 | .2 | 16 | 2 | 1 | .01 | .015 | 2 | 2 | .04 | 23 | .01 | 5 | .58 | .02 | .09 | 1 | 610 | 5 |
| R 139103 | 1 | 24 | 351 | 54 | 7.3 | 4 | 1 | 2 | 1.20 | 5045 | 5 | ND | 1 | 4 | .3 | 45 | 2 | 1 | .01 | .005 | 2 | 1 | .01 | 16 | .01 | 4 | .34 | .02 | .11 | 1 | 109 | 5 |
| R 139104 | 1 | 30 | 51 | 30 | 1.7 | 4 | 1 | 5 | 2.23 | 19195 | 5 | 2 | 1 | 7 | .2 | 69 | 32 | 1 | .01 | .012 | 2 | 1 | .01 | 20 | .01 | 4 | .39 | .02 | .10 | 1 | 2350 | 5 |
| R 139105 | 5 | 13 | 14 | 73 | .1 | 8 | 1 | 41 | 2.36 | 108 | 5 | ND | 8 | 7 | .2 | 5 | 2 | 17 | .01 | .029 | 24 | 12 | .33 | 139 | .01 | 2 | .58 | .01 | .10 | 1 | 12 | 5 |
| R 139106 | 1 | 42 | 134 | 57 | 1.5 | 7 | 1 | 15 | .88 | 1029 | 5 | ND | 2 | 11 | .2 | 16 | 2 | 1 | .01 | .016 | 2 | 2 | .07 | 46 | .01 | 4 | .89 | .03 | .10 | 1 | 40 | 5 |
| R 139107 | 1 | 7 | 96 | 55 | 1.4 | 6 | 1 | 24 | .70 | 343 | 5 | ND | 1 | 8 | .2 | 22 | 4 | 1 | .01 | .004 | 2 | 1 | .03 | 45 | .01 | 3 | .55 | .02 | .08 | 1 | 18 | 5 |
| R 139108 | 1 | 16 | 289 | 224 | 4.1 | 6 | 1 | 20 | .58 | 1729 | 5 | ND | 1 | 8 | 1.6 | 34 | 5 | 1 | .06 | .005 | 2 | 1 | .04 | 112 | .01 | 6 | .54 | .03 | .09 | 1 | 19 | 20 |
| R 139109 | 1 | 7 | 178 | 245 | .9 | 7 | 1 | 70 | .39 | 1625 | 5 | ND | 1 | 11 | 1.2 | 42 | 2 | 1 | .27 | .004 | 2 | 4 | .07 | 124 | .01 | 5 | .62 | .04 | .09 | 1 | 23 | 10 |
| R 139110 | 1 | 4 | 128 | 100 | .7 | 2 | 1 | 122 | .33 | 1114 | 5 | ND | 1 | 39 | .2 | 30 | 5 | 1 | .90 | .004 | 2 | 2 | .03 | 76 | .01 | 5 | .34 | .02 | .11 | 1 | 22 | 30 |
| R 139111 | 1 | 3 | 15 | 59 | .1 | 1 | 1 | 74 | .28 | 1252 | 5 | ND | 1 | 41 | .2 | 3 | 2 | 1 | 1.14 | .003 | 3 | 2 | .01 | 50 | .01 | 2 | .22 | .02 | .09 | 1 | 26 | 5 |
| R 139112 | 1 | 3 | 20 | 64 | .1 | 3 | 1 | 52 | .22 | 1301 | 5 | ND | 1 | 46 | .2 | 3 | 3 | 1 | .83 | .003 | 2 | 1 | .01 | 8 | .01 | 4 | .22 | .03 | .11 | 1 | 48 | 5 |
| R 139113 | 1 | 2 | 27 | 58 | .1 | 3 | 1 | 85 | .29 | 523 | 5 | ND | 1 | 105 | .2 | 5 | 2 | 1 | 1.07 | .003 | 2 | 2 | .01 | 7 | .01 | 5 | .22 | .03 | .11 | 1 | 21 | 5 |
| R 139114 | 1 | 2 | 30 | 77 | .2 | 1 | 1 | 106 | .30 | 184 | 5 | ND | 1 | 108 | .2 | 7 | 3 | 1 | 1.05 | .004 | 2 | 2 | .02 | 9 | .01 | 5 | .25 | .02 | .10 | 1 | 17 | 5 |
| R 139115 | 1 | 1 | 48 | 136 | .3 | 4 | 2 | 195 | .90 | 228 | 5 | ND | 1 | 30 | .2 | 15 | 3 | 1 | .29 | .002 | 2 | 1 | .03 | 18 | .01 | 7 | .26 | .02 | .11 | 1 | 21 | 5 |
| R 139116 | 1 | 4 | 59 | 142 | .2 | 5 | 2 | 167 | 1.40 | 177 | 6 | ND | 1 | 10 | .7 | 18 | 2 | 1 | .13 | .002 | 2 | 1 | .03 | 17 | .01 | 5 | .32 | .02 | .13 | 1 | 43 | 10 |
| R 139117 | 1 | 7 | 56 | 115 | .2 | 13 | 1 | 92 | .97 | 85 | 6 | ND | 1 | 9 | .3 | 11 | 2 | 1 | .05 | .006 | 2 | 1 | .01 | 44 | .01 | 4 | .47 | .03 | .11 | 1 | 20 | 20 |
| R 139118 | 1 | 10 | 7 | 32 | .1 | 14 | 3 | 80 | 1.74 | 47 | 5 | ND | 9 | 15 | .2 | 6 | 2 | 15 | .01 | .026 | 26 | 18 | .44 | 158 | .01 | 3 | .91 | .02 | .12 | 1 | 6 | 10 |
| R 139119 | 7 | 18 | 30 | 23 | 1.1 | 1 | 1 | 3 | 2.48 | 1261 | 5 | ND | 8 | 9 | .6 | 25 | 2 | 7 | .01 | .026 | 34 | 2 | .01 | 138 | .01 | 2 | .27 | .01 | .13 | 1 | 22 | 30 |
| R 139120 | 1 | 5 | 405 | 21 | 1.3 | 21 | 1 | 86 | 1.62 | 4254 | 7 | ND | 2 | 15 | .2 | 37 | 3 | 2 | .01 | .067 | 7 | 2 | .16 | 58 | .01 | 2 | 1.55 | .01 | .09 | 1 | 32 | 20 |
| R 139121 | 1 | 10 | 220 | 15 | 4.5 | 8 | 1 | 41 | .86 | 4994 | 5 | ND | 1 | 13 | .2 | 22 | 18 | 1 | .01 | .026 | 7 | 2 | .08 | 52 | .01 | 2 | .76 | .01 | .11 | 1 | 79 | 10 |
| R 139122 | 1 | 100 | 358 | 50 | 31.5 | 1 | 1 | 27 | 7.66 | 89876 | 5 | 57 | 2 | 3 | .3 | 267 | 1222 | 1 | .01 | .038 | 3 | 2 | .01 | 22 | .01 | 2 | .45 | .01 | .09 | 1 | 58900 | 5 |
| R 139123 | 1 | 4 | 29 | 27 | .8 | 8 | 1 | 55 | .58 | 1996 | 5 | ND | 1 | 2 | .2 | 10 | 19 | 1 | .01 | .011 | 2 | 1 | .11 | 23 | .01 | 2 | 1.25 | .01 | .08 | 1 | 780 | 5 |
| R 139124 | 1 | 8 | 73 | 29 | 1.1 | 9 | 1 | 67 | .87 | 5656 | 5 | ND | 1 | 9 | .2 | 22 | 13 | 1 | .01 | .020 | 3 | 1 | .12 | 144 | .01 | 2 | 1.19 | .01 | .09 | 1 | 320 | 5 |
| R 139125 | 1 | 4 | 161 | 30 | .5 | 16 | 1 | 96 | .93 | 2103 | 6 | ND | 1 | 11 | .2 | 25 | 4 | 1 | .01 | .023 | 4 | 2 | .17 | 60 | .01 | 2 | 1.65 | .01 | .09 | 1 | 24 | 5 |
| R 139126 | 1 | 4 | 53 | 5 | .7 | 2 | 1 | 2 | .78 | 2159 | 5 | ND | 1 | 5 | .2 | 32 | 2 | 1 | .01 | .013 | 5 | 2 | .01 | 52 | .01 | 5 | .31 | .01 | .12 | 1 | 51 | 20 |
| R 139127 | 1 | 6 | 55 | 14 | .6 | 16 | 1 | 21 | 1.15 | 2616 | 5 | ND | 2 | 12 | .2 | 15 | 4 | 1 | .01 | .025 | 9 | 1 | .07 | 73 | .01 | 3 | .91 | .03 | .12 | 1 | 24 | 10 |
| R 139128 | 6 | 1 | 14 | 27 | .1 | 2 | 1 | 60 | 1.28 | 68 | 5 | ND | 10 | 8 | .2 | 2 | 2 | 8 | .01 | .016 | 34 | 6 | .51 | 152 | .01 | 2 | .77 | .02 | .09 | 2 | 10 | 20 |
| R 139129 | 4 | 1 | 9 | 23 | .1 | 3 | 1 | 36 | .74 | 230 | 5 | ND | 9 | 11 | .2 | 3 | 4 | 7 | .01 | .013 | 34 | 6 | .30 | 107 | .01 | 2 | .59 | .01 | .10 | 1 | 9 | 10 |
| R 139130 | 1 | 10 | 59 | 46 | .1 | 3 | 1 | 56 | 2.13 | 1544 | 5 | ND | 1 | 4 | .2 | 2 | 6 | 1 | .01 | .010 | 2 | 1 | .30 | 26 | .01 | 2 | 1.44 | .01 | .08 | 1 | 91 | 5 |
| R 139131 | 1 | 2 | 62 | 24 | .4 | 2 | 1 | 22 | .51 | 665 | 5 | ND | 1 | 4 | .2 | 3 | 2 | 1 | .01 | .005 | 2 | 2 | .14 | 22 | .01 | 4 | .70 | .02 | .09 | 1 | 70 | 5 |
| R 139132 | 1 | 4 | 41 | 25 | .2 | 1 | 1 | 37 | .70 | 1250 | 5 | ND | 1 | 2 | .2 | 6 | 6 | 1 | .01 | .003 | 2 | 2 | .09 | 13 | .01 | 6 | .53 | .02 | .09 | 2 | 132 | 5 |
| R 139133 | 1 | 3 | 59 | 31 | .9 | 5 | 1 | 52 | .55 | 396 | 5 | ND | 1 | 3 | .2 | 3 | 5 | 1 | .01 | .005 | 2 | 3 | .09 | 16 | .01 | 3 | .55 | .03 | .08 | 1 | 84 | 5 |
| R 139134 | 1 | 4 | 26 | 13 | .1 | 5 | 1 | 34 | .61 | 1150 | 5 | ND | 1 | 4 | .2 | 4 | 3 | 1 | .02 | .006 | 3 | 2 | .08 | 29 | .01 | 2 | .54 | .02 | .08 | 1 | 43 | 5 |
| R 139135 | 5 | 1 | 18 | 12 | .4 | 1 | 1 | 2 | .44 | 75 | 5 | ND | 9 | 4 | .2 | 8 | 2 | 5 | .01 | .006 | 33 | 3 | .01 | 148 | .01 | 5 | .28 | .01 | .14 | 3 | 7 | 30 |
| STANDARD C/AU-R | 18 | 63 | 39 | 131 | 7.2 | 73 | 31 | 1053 | 3.97 | 41 | 15 | 8 | 37 | 52 | 18.5 | 15 | 19 | 55 | .51 | .093 | 38 | 61 | .89 | 181 | .07 | 35 | 1.89 | .06 | .13 | 11 | 450 | 1300 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 139136 | 3 | 8 | 2 | 34 | .3 | 1 | 1 | 90 | 2.97 | 525 | 5 | ND | 11 | 10 | .3 | 2 | 2 | 10 | .01 | .037 | 34 | 4 | .17 | 132 | .01 | 2 | .51 | .01 | .12 | 1 | 2 | 5 |
| R 139137 | 1 | 3 | 41 | 51 | .4 | 6 | 1 | 57 | .61 | 2747 | 5 | ND | 2 | 9 | .2 | 3 | 4 | 1 | .06 | .007 | 2 | 3 | .07 | 35 | .01 | 4 | .69 | .08 | .04 | 1 | 99 | 5 |
| R 139138 | 1 | 2 | 38 | 32 | .3 | 3 | 1 | 65 | .47 | 1770 | 6 | ND | 2 | 6 | .2 | 4 | 2 | 1 | .03 | .006 | 2 | 3 | .06 | 27 | .01 | 3 | .43 | .04 | .04 | 1 | 61 | 5 |
| R 139139 | 1 | 3 | 31 | 37 | .1 | 4 | 1 | 120 | 1.22 | 3152 | 6 | ND | 1 | 19 | .2 | 7 | 2 | 1 | .25 | .006 | 2 | 2 | .02 | 69 | .01 | 6 | .70 | .06 | .12 | 1 | 157 | 5 |
| R 139140 | 1 | 5 | 15 | 22 | .2 | 4 | 1 | 137 | 3.06 | 19403 | 5 | ND | 1 | 6 | .4 | 6 | 6 | 1 | .12 | .007 | 3 | 1 | .07 | 41 | .01 | 4 | .41 | .02 | .09 | 2 | 1050 | 5 |
| R 139141 | 1 | 43 | 6 | 51 | .2 | 18 | 20 | 172 | 4.00 | 24137 | 5 | ND | 4 | 68 | .6 | 16 | 2 | 51 | 1.00 | .027 | 9 | 45 | 1.53 | 73 | .06 | 3 | 3.28 | .23 | .81 | 2 | 420 | 5 |
| R 139142 | 1 | 40 | 8 | 79 | .5 | 21 | 19 | 275 | 4.44 | 6543 | 5 | ND | 6 | 113 | .7 | 12 | 4 | 70 | 1.78 | .040 | 13 | 56 | 1.96 | 87 | .11 | 2 | 4.76 | .32 | .87 | 1 | 83 | 5 |
| R 139143 | 1 | 14 | 10 | 80 | .4 | 10 | 8 | 145 | 2.57 | 13864 | 5 | ND | 3 | 47 | .5 | 8 | 19 | 20 | .63 | .016 | 7 | 20 | .70 | 85 | .02 | 3 | 2.24 | .14 | .27 | 1 | 920 | 5 |
| R 139144 | 1 | 4 | 19 | 15 | .2 | 4 | 2 | 38 | 1.29 | 10847 | 5 | ND | 2 | 7 | .4 | 8 | 13 | 1 | .07 | .006 | 2 | 3 | .09 | 29 | .01 | 3 | .63 | .04 | .06 | 1 | 640 | 5 |
| R 139145 | 3 | 9 | 4 | 5 | .3 | 9 | 3 | 17 | 1.62 | 181 | 5 | ND | 11 | 6 | .2 | 3 | 2 | 7 | .02 | .037 | 37 | 2 | .03 | 154 | .01 | 4 | .34 | .01 | .15 | 1 | 11 | 5 |
| R 139161 | 4 | 22 | 17 | 58 | .6 | 20 | 7 | 46 | .99 | 112 | 5 | ND | 10 | 4 | .4 | 8 | 2 | 6 | .01 | .012 | 25 | 4 | .15 | 132 | .01 | 2 | .43 | .01 | .11 | 1 | 22 | 5 |
| R 139162 | 4 | 6 | 15 | 20 | .3 | 3 | 1 | 12 | 1.51 | 1145 | 5 | ND | 9 | 5 | .2 | 6 | 3 | 6 | .01 | .027 | 24 | 2 | .04 | 133 | .01 | 6 | .49 | .01 | .12 | 1 | 36 | 5 |
| R 139172 | 5 | 7 | 8 | 38 | .1 | 2 | 1 | 50 | 1.97 | 117 | 5 | ND | 11 | 10 | .2 | 2 | 2 | 8 | .01 | .020 | 32 | 2 | .11 | 165 | .01 | 5 | .42 | .02 | .12 | 1 | 4 | 10 |
| R 139173 | 1 | 11 | 18 | 21 | .2 | 5 | 3 | 28 | 2.65 | 29644 | 5 | 2 | 1 | 6 | .4 | 30 | 12 | 1 | .01 | .015 | 5 | 1 | .04 | 49 | .01 | 7 | .31 | .01 | .06 | 1 | 1400 | 5 |
| R 139174 | 1 | 5 | 30 | 19 | .1 | 5 | 1 | 28 | 1.42 | 14125 | 5 | ND | 2 | 4 | .2 | 12 | 3 | 1 | .01 | .010 | 7 | 3 | .08 | 29 | .01 | 7 | .57 | .01 | .07 | 1 | 290 | 5 |
| R 139175 | 1 | 10 | 47 | 22 | .1 | 6 | 1 | 39 | 1.29 | 10370 | 5 | ND | 2 | 5 | .3 | 13 | 4 | 1 | .01 | .014 | 2 | 4 | .07 | 33 | .01 | 7 | .53 | .01 | .08 | 1 | 360 | 5 |
| R 139176 | 1 | 6 | 34 | 27 | .2 | 4 | 2 | 37 | 1.28 | 11742 | 5 | ND | 2 | 3 | .5 | 17 | 6 | 1 | .01 | .005 | 2 | 3 | .07 | 35 | .01 | 7 | .50 | .02 | .07 | 1 | 540 | 5 |
| R 139177 | 1 | 5 | 31 | 28 | .2 | 4 | 1 | 47 | 2.00 | 19879 | 5 | ND | 1 | 3 | .2 | 18 | 9 | 1 | .01 | .003 | 2 | 1 | .05 | 31 | .01 | 7 | .36 | .02 | .07 | 1 | 960 | 10 |
| R 139178 | 1 | 11 | 55 | 946 | .2 | 4 | 1 | 27 | 1.63 | 17825 | 5 | ND | 1 | 2 | 7.3 | 24 | 7 | 1 | .01 | .003 | 2 | 2 | .06 | 32 | .01 | 9 | .41 | .02 | .07 | 1 | 570 | 220 |
| R 139179 | 5 | 69 | 21 | 39 | .3 | 1 | 1 | 18 | 5.84 | 2256 | 5 | ND | 11 | 8 | 2.1 | 335 | 2 | 16 | .01 | .046 | 30 | 3 | .01 | 160 | .01 | 2 | .34 | .01 | .10 | 1 | 15 | 10 |
| R 139185 | 1 | 19 | 19 | 22 | .7 | 15 | 12 | 17 | .59 | 260 | 5 | ND | 1 | 22 | .5 | 4 | 2 | 1 | .01 | .010 | 2 | 3 | .02 | 44 | .01 | 5 | .57 | .03 | .10 | 1 | 11 | 5 |
| R 139186 | 1 | 3 | 11 | 3 | .3 | 3 | 1 | 12 | .48 | 1946 | 5 | ND | 1 | 2 | .2 | 6 | 110 | 1 | .01 | .003 | 2 | 4 | .01 | 85 | .01 | 4 | .28 | .01 | .09 | 1 | 1050 | 5 |
| R 139187 | 1 | 39 | 21 | 171 | .1 | 133 | 16 | 305 | 5.02 | 53 | 5 | ND | 10 | 25 | 1.5 | 6 | 2 | 74 | .14 | .048 | 11 | 63 | 2.02 | 592 | .07 | 3 | 4.35 | .04 | .41 | 1 | 7 | 10 |
| R 139188 | 1 | 6 | 11 | 304 | .2 | 80 | 20 | 1082 | 7.01 | 13 | 5 | ND | 1 | 265 | 2.8 | 7 | 2 | 24 | 9.15 | .009 | 4 | 16 | 4.79 | 90 | .01 | 2 | .57 | .01 | .02 | 1 | 5 | 40 |
| R 139190 | 1 | 3 | 25 | 11 | .2 | 4 | 1 | 17 | .51 | 189 | 5 | ND | 9 | 5 | .2 | 2 | 2 | 1 | .02 | .004 | 12 | 2 | .01 | 15 | .01 | 4 | .28 | .01 | .08 | 1 | 23 | 5 |
| R 139191 | 1 | 3 | 29 | 33 | .1 | 9 | 2 | 40 | .38 | 16 | 5 | ND | 23 | 8 | .2 | 2 | 2 | 1 | .12 | .007 | 14 | 4 | .16 | 34 | .01 | 4 | .95 | .02 | .12 | 1 | 3 | 5 |
| R 139192 | 1 | 1 | 11 | 7 | .1 | 3 | 1 | 10 | .61 | 41 | 5 | ND | 16 | 2 | .2 | 2 | 2 | 1 | .01 | .006 | 5 | 3 | .04 | 162 | .01 | 2 | .43 | .02 | .11 | 1 | 10 | 5 |
| R 139193 | 1 | 201 | 2 | 67 | .6 | 5 | 5 | 77 | 22.13 | 99999 | 5 | 2 | 1 | 1 | .2 | 71 | 60 | 9 | .01 | .019 | 2 | 13 | .01 | 1 | .01 | 2 | .27 | .01 | .01 | 1 | 3480 | 5 |
| R 139194 | 1 | 17 | 6 | 58 | .1 | 44 | 12 | 167 | 2.20 | 8946 | 5 | ND | 3 | 146 | .2 | 3 | 2 | 54 | 1.54 | .045 | 7 | 48 | .82 | 164 | .04 | 6 | 3.67 | .27 | .33 | 1 | 33 | 5 |
| R 139195 | 1 | 18 | 2 | 59 | .1 | 9 | 1 | 30 | 1.62 | 16959 | 5 | ND | 1 | 3 | .2 | 3 | 3 | 1 | .02 | .004 | 2 | 2 | .01 | 7 | .01 | 4 | .27 | .03 | .05 | 1 | 230 | 5 |
| R 139199 | 1 | 13 | 18 | 49 | .2 | 9 | 5 | 84 | 1.68 | 4264 | 8 | ND | 13 | 4 | .2 | 2 | 2 | 8 | .04 | .031 | 23 | 11 | .48 | 47 | .02 | 7 | 1.50 | .02 | .24 | 1 | 21 | 5 |
| STANDARD C/AU-R | 18 | 63 | 45 | 133 | 7.0 | 72 | 31 | 1051 | 3.97 | 43 | 16 | 7 | 37 | 53 | 18.8 | 15 | 19 | 56 | .50 | .098 | 38 | 59 | .87 | 179 | .07 | 36 | 1.90 | .06 | .14 | 11 | 520 | 1400 |

ASSAY RECOMMENDED for As 7 1%

ACME ANALYTICAL LABORATORIES LTD. [illegible]

# GEOCHEMICAL ANALYSIS CERTIFICATE

**Noranda Exploration Co. Ltd. PROJECT 9008-015 343** File # 90-3089 Page 1

P.O. Box 2380, 1050 Davie, Vancouver BC V6B 3T5

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 114799 | 2 | 13 | 36 | 4 | .1 | 5 | 1 | 30 | .58 | 27 | 5 | ND | 10 | 3 | .4 | 2 | 2 | 2 | .02 | .004 | 9 | 5 | .05 | 122 | .01 | 5 | .42 | .05 | .14 | 1 | 4 | 5 |
| R 114800 | 2 | 10 | 37 | 33 | .2 | 6 | 2 | 44 | .85 | 232 | 8 | ND | 17 | 4 | .2 | 11 | 2 | 1 | .02 | .006 | 4 | 15 | .01 | 449 | .01 | 7 | .35 | .05 | .15 | 2 | 47 | 10 |
| R 122105 | 4 | 117 | 8 | 28 | .1 | 54 | 96 | 100 | 21.56 | 99999 | 5 | ND | 5 | 11 | .2 | 74 | 2 | 13 | .30 | .201 | 5 | 11 | .19 | 16 | .01 | 36 | .56 | .01 | .02 | 1 | 390 | 40 |
| R 122120 | 3 | 3736 | 10 | 12 | 1.8 | 19 | 29 | 18 | 2.45 | 26373 | 5 | ND | 2 | 26 | .2 | 11 | 5 | 3 | .01 | .047 | 6 | 19 | .01 | 248 | .01 | 39 | .23 | .01 | .06 | 1 | 46 | 20 |
| R 138331 | 3 | 11 | 281 | 155 | .4 | 10 | 2 | 183 | 1.42 | 687 | 5 | ND | 19 | 3 | .3 | 164 | 2 | 1 | .04 | .010 | 6 | 17 | .01 | 98 | .01 | 2 | .33 | .04 | .11 | 1 | 18 | 30 |
| R 138332 | 2 | 7 | 351 | 14 | .4 | 9 | 1 | 15 | 1.18 | 1285 | 5 | ND | 20 | 3 | .2 | 152 | 5 | 1 | .01 | .009 | 5 | 5 | .01 | 142 | .01 | 5 | .32 | .04 | .11 | 1 | 9 | 40 |
| R 138333 | 2 | 12 | 51 | 11 | .2 | 8 | 1 | 14 | 1.00 | 1521 | 6 | ND | 19 | 3 | .3 | 23 | 2 | 1 | .01 | .007 | 6 | 17 | .03 | 221 | .01 | 3 | .63 | .03 | .13 | 1 | 2 | 10 |
| R 138334 | 2 | 56 | 453 | 191 | .9 | 6 | 1 | 12 | .81 | 708 | 8 | ND | 18 | 2 | .4 | 256 | 2 | 1 | .01 | .005 | 3 | 5 | .01 | 160 | .01 | 3 | .25 | .05 | .09 | 2 | 27 | 70 |
| R 138335 | 3 | 8 | 40 | 6 | .1 | 6 | 1 | 17 | .78 | 271 | 5 | ND | 17 | 3 | .2 | 3 | 3 | 1 | .01 | .008 | 5 | 18 | .01 | 178 | .01 | 11 | .35 | .05 | .12 | 2 | 52 | 10 |
| R 138616 | 3 | 38 | 5 | 33 | .2 | 40 | 20 | 131 | 4.71 | 41126 | 5 | ND | 4 | 57 | .5 | 17 | 2 | 39 | .96 | .054 | 4 | 47 | .74 | 99 | .05 | 2 | 2.03 | .07 | .27 | 1 | 200 | 5 |
| R 138624 | 5 | 121 | 6 | 34 | .6 | 24 | 8 | 168 | 5.40 | 712 | 5 | ND | 8 | 45 | 1.3 | 2 | 2 | 47 | .42 | .058 | 7 | 77 | 1.28 | 73 | .12 | 5 | 2.05 | .01 | .13 | 2 | 11 | 5 |
| R 138626 | 2 | 53 | 36 | 24 | 1.2 | 10 | 3 | 10 | 4.01 | 49643 | 5 | 8 | 1 | 3 | .2 | 84 | 76 | 2 | .01 | .008 | 2 | 7 | .01 | 27 | .01 | 5 | .40 | .01 | .13 | 1 | 8200 | 5 |
| R 138648 | 4 | 61 | 6 | 389 | .3 | 90 | 34 | 166 | 4.13 | 10974 | 5 | ND | 4 | 12 | 10.1 | 2 | 3 | 59 | .16 | .058 | 6 | 39 | .81 | 130 | .06 | 2 | 2.15 | .03 | .48 | 1 | 164 | 5 |
| R 139146 | 4 | 32 | 13 | 53 | .3 | 22 | 9 | 112 | 2.19 | 266 | 5 | ND | 11 | 9 | .2 | 3 | 2 | 18 | .01 | .017 | 29 | 11 | .40 | 227 | .01 | 11 | 1.00 | .02 | .24 | 1 | 16 | 5 |
| R 139147 | 2 | 6 | 11 | 65 | .1 | 17 | 2 | 54 | 1.10 | 362 | 7 | ND | 2 | 10 | .2 | 3 | 4 | 1 | .05 | .008 | 2 | 18 | .08 | 30 | .01 | 6 | 1.25 | .04 | .10 | 2 | 15 | 5 |
| R 139148 | 1 | 7 | 13 | 88 | .1 | 35 | 4 | 35 | 2.02 | 358 | 5 | ND | 2 | 5 | .3 | 2 | 3 | 1 | .02 | .010 | 2 | 3 | .09 | 24 | .01 | 4 | 2.13 | .02 | .09 | 2 | 10 | 5 |
| R 139149 | 2 | 6 | 25 | 127 | .1 | 52 | 5 | 50 | 1.79 | 270 | 5 | ND | 2 | 4 | .2 | 2 | 2 | 1 | .02 | .013 | 2 | 19 | .10 | 29 | .01 | 2 | 2.82 | .01 | .10 | 1 | 6 | 5 |
| R 139150 | 1 | 5 | 21 | 114 | .1 | 32 | 4 | 44 | 1.60 | 873 | 5 | ND | 2 | 5 | .2 | 4 | 3 | 1 | .02 | .008 | 2 | 3 | .11 | 26 | .01 | 3 | 2.29 | .01 | .09 | 2 | 18 | 5 |
| R 139151 | 2 | 9 | 25 | 45 | .2 | 10 | 2 | 81 | .87 | 1555 | 5 | ND | 1 | 3 | .2 | 3 | 2 | 1 | .02 | .005 | 2 | 4 | .09 | 27 | .01 | 4 | .99 | .03 | .10 | 2 | 54 | 5 |
| R 139152 | 2 | 11 | 25 | 21 | .2 | 5 | 1 | 23 | .75 | 568 | 5 | ND | 2 | 2 | .2 | 2 | 2 | 1 | .01 | .005 | 2 | 16 | .07 | 38 | .01 | 4 | .72 | .03 | .10 | 1 | 11 | 5 |
| R 139153 | 2 | 8 | 17 | 33 | .2 | 11 | 1 | 40 | .75 | 746 | 5 | ND | 2 | 3 | .2 | 3 | 2 | 1 | .01 | .005 | 2 | 5 | .06 | 41 | .01 | 7 | .93 | .03 | .11 | 1 | 39 | 5 |
| R 139154 | 2 | 10 | 27 | 23 | .3 | 7 | 1 | 54 | .65 | 481 | 5 | ND | 2 | 4 | .5 | 3 | 3 | 1 | .03 | .005 | 2 | 17 | .06 | 39 | .01 | 3 | .72 | .04 | .10 | 2 | 22 | 5 |
| R 139155 | 2 | 10 | 32 | 16 | .3 | 8 | 1 | 29 | .92 | 645 | 5 | ND | 2 | 4 | .2 | 4 | 2 | 1 | .01 | .009 | 2 | 4 | .06 | 50 | .01 | 4 | .89 | .03 | .10 | 1 | 36 | 5 |
| R 139156 | 2 | 10 | 46 | 14 | .6 | 5 | 1 | 27 | .59 | 248 | 5 | ND | 3 | 4 | .4 | 4 | 2 | 1 | .02 | .006 | 2 | 16 | .06 | 44 | .01 | 4 | .78 | .04 | .10 | 2 | 4 | 5 |
| R 139157 | 1 | 5 | 41 | 27 | .3 | 5 | 1 | 60 | .74 | 559 | 5 | ND | 2 | 3 | .5 | 5 | 6 | 1 | .03 | .006 | 2 | 4 | .13 | 69 | .01 | 5 | .53 | .04 | .11 | 1 | 7 | 5 |
| R 139158 | 2 | 4 | 49 | 33 | .1 | 5 | 1 | 165 | 1.15 | 1384 | 5 | ND | 3 | 4 | .2 | 7 | 2 | 1 | .04 | .005 | 2 | 15 | .04 | 72 | .01 | 7 | .39 | .04 | .11 | 1 | 22 | 10 |
| R 139159 | 1 | 5 | 39 | 20 | .1 | 6 | 1 | 31 | .87 | 969 | 5 | ND | 2 | 4 | .2 | 6 | 4 | 1 | .01 | .006 | 2 | 3 | .09 | 65 | .01 | 8 | .58 | .03 | .10 | 1 | 74 | 10 |
| R 139160 | 2 | 27 | 18 | 16 | .6 | 9 | 10 | 22 | 2.02 | 11235 | 5 | 3 | 2 | 8 | .2 | 120 | 63 | 1 | .01 | .006 | 2 | 13 | .08 | 90 | .01 | 7 | .87 | .02 | .11 | 2 | 2890 | 5 |
| R 139163 | 2 | 14 | 53 | 23 | .9 | 7 | 2 | 32 | 1.41 | 8554 | 5 | ND | 3 | 6 | .2 | 18 | 6 | 3 | .01 | .011 | 2 | 6 | .12 | 105 | .01 | 10 | .72 | .04 | .12 | 2 | 680 | 5 |
| R 139164 | 2 | 31 | 44 | 21 | .9 | 5 | 2 | 38 | 2.37 | 13535 | 5 | ND | 3 | 6 | .2 | 27 | 2 | 1 | .01 | .013 | 14 | 5 | .08 | 69 | .01 | 8 | .48 | .03 | .11 | 1 | 730 | 5 |
| R 139165 | 2 | 7 | 41 | 22 | .1 | 6 | 1 | 25 | 1.62 | 9270 | 5 | ND | 2 | 3 | .3 | 18 | 3 | 1 | .01 | .010 | 2 | 16 | .07 | 51 | .01 | 9 | .61 | .03 | .11 | 1 | 430 | 5 |
| R 139166 | 2 | 6 | 43 | 22 | .1 | 8 | 2 | 32 | 2.16 | 20355 | 5 | ND | 2 | 4 | .4 | 36 | 8 | 1 | .01 | .017 | 2 | 5 | .09 | 39 | .01 | 5 | .71 | .02 | .09 | 2 | 980 | 5 |
| R 139167 | 2 | 7 | 43 | 31 | .1 | 5 | 3 | 27 | 3.01 | 32865 | 5 | ND | 2 | 4 | .2 | 50 | 10 | 1 | .01 | .004 | 2 | 21 | .10 | 46 | .01 | 12 | .61 | .02 | .08 | 1 | 1320 | 5 |
| R 139168 | 2 | 7 | 25 | 27 | .1 | 9 | 7 | 43 | 1.72 | 15366 | 5 | ND | 1 | 4 | .3 | 27 | 8 | 1 | .01 | .003 | 2 | 6 | .08 | 42 | .01 | 12 | .46 | .02 | .09 | 1 | 330 | 5 |
| R 139169 | 2 | 6 | 32 | 23 | .1 | 9 | 1 | 19 | .56 | 2273 | 5 | ND | 1 | 3 | .2 | 14 | 3 | 1 | .01 | .004 | 2 | 17 | .05 | 37 | .01 | 9 | .59 | .04 | .10 | 1 | 69 | 20 |
| R 139170 | 2 | 10 | 37 | 25 | .1 | 17 | 2 | 22 | 1.28 | 8204 | 5 | ND | 2 | 5 | .2 | 28 | 2 | 1 | .01 | .009 | 2 | 20 | .07 | 51 | .01 | 5 | 1.05 | .02 | .09 | 1 | 139 | 20 |
| STANDARD C/AU-R | 19 | 57 | 39 | 129 | 6.9 | 72 | 32 | 1052 | 3.97 | 40 | 19 | 7 | 39 | 53 | 18.6 | 14 | 19 | 56 | .51 | .093 | 38 | 59 | .89 | 182 | .07 | 38 | 1.89 | .06 | .14 | 11 | 550 | 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: Rock AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

**DATE RECEIVED:** AUG 2 1990 **DATE REPORT MAILED:** Aug 7/90 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

002 NORANDA VANCOUVER 08/08/90 10:43

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 139171 | 2 | 9 | 16 | 13 | .1 | 18 | 2 | 27 | 1.27 | 11118 | 5 | ND | 1 | 3 | .2 | 21 | 2 | 1 | .01 | .007 | 2 | 6 | .06 | 48 | .01 | 4 | .76 | .04 | .09 | 1 | 560 | 5 |
| R 139180 | 4 | 35 | 33 | 17 | 1.0 | 4 | 1 | 22 | 2.78 | 24051 | 5 | ND | 2 | 15 | 1.2 | 378 | 6 | 4 | .01 | .033 | 5 | 28 | .01 | 526 | .01 | 7 | .29 | .01 | .12 | 1 | 430 | 5 |
| R 139181 | 2 | 11 | 5 | 1 | .1 | 6 | 1 | 12 | .58 | 5699 | 5 | ND | 1 | 2 | .2 | 93 | 2 | 1 | .01 | .009 | 2 | 6 | .01 | 31 | .01 | 7 | .30 | .01 | .16 | 1 | 74 | 5 |
| R 139182 | 3 | 9 | 21 | 6 | .9 | 5 | 1 | 15 | .60 | 3017 | 5 | ND | 1 | 6 | .2 | 12 | 2 | 2 | .02 | .011 | 2 | 23 | .02 | 42 | .01 | 11 | .45 | .01 | .15 | 1 | 76 | 20 |
| R 139183 | 2 | 31 | 29 | 16 | 1.4 | 7 | 1 | 18 | 2.07 | 25366 | 5 | ND | 1 | 1 | .2 | 129 | 10 | 2 | .01 | .012 | 2 | 8 | .01 | 25 | .01 | 7 | .30 | .01 | .16 | 1 | 350 | 10 |
| R 139184 | 3 | 34 | 275 | 15 | 6.2 | 6 | 1 | 9 | 1.43 | 16315 | 5 | ND | 1 | 3 | .2 | 261 | 18 | 1 | .01 | .006 | 2 | 17 | .01 | 29 | .01 | 11 | .37 | .01 | .17 | 1 | 510 | 70 |
| STANDARD C/AU-R | 20 | 63 | 42 | 134 | 7.5 | 75 | 33 | 1053 | 3.98 | 42 | 18 | 8 | 37 | 52 | 18.0 | 16 | 21 | 61 | .51 | .098 | 40 | 60 | .87 | 182 | .08 | 39 | 1.89 | .06 | .14 | 12 | 530 | 1300 |

ASSAY RECOMMENDED for As > 1%.

003

NORANDA VANCOUVER

08/08/90 10:45

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

# GEOCHEMICAL ANALYSIS CERTIFICATE Putz (Dz)

**Noranda Exploration Co. Ltd. PROJECT 9010-023 343** File # 90-5109 Page 1

P.O. Box 2380, 1050 Davie, Vancouver BC V6B 3T5

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 139351 | 2 | 12 | 24 | 21 | 1.2 | 8 | 1 | 33 | .69 | 2775 | 5 | ND | 2 | 3 | .2 | 11 | 2 | 3 | .01 | .021 | 4 | 22 | .07 | 40 | .01 | 2 | .77 | .01 | .06 | 1 |
| R 139352 | 2 | 12 | 27 | 20 | .9 | 21 | 1 | 16 | .70 | 3070 | 5 | ND | 2 | 4 | .2 | 8 | 6 | 3 | .01 | .020 | 4 | 21 | .06 | 60 | .01 | 3 | 1.05 | .01 | .07 | 1 |
| R 139353 | 3 | 8 | 12 | 8 | 1.1 | 4 | 1 | 7 | .66 | 2410 | 5 | ND | 2 | 5 | .2 | 10 | 3 | 4 | .01 | .022 | 5 | 31 | .04 | 37 | .01 | 4 | .53 | .01 | .08 | 1 |
| R 139354 | 4 | 9 | 18 | 11 | 1.4 | 2 | 1 | 7 | .81 | 2128 | 5 | ND | 2 | 5 | .2 | 12 | 4 | 5 | .01 | .030 | 6 | 27 | .05 | 42 | .01 | 3 | .48 | .01 | .08 | 1 |
| R 139355 | 9 | 12 | 47 | 15 | 1.3 | 4 | 1 | 36 | 1.24 | 251 | 5 | ND | 8 | 9 | .2 | 9 | 2 | 21 | .01 | .036 | 30 | 36 | .16 | 192 | .01 | 2 | .52 | .01 | .09 | 1 |
| R 139356 | 3 | 9 | 30 | 38 | .4 | 10 | 1 | 12 | .80 | 782 | 6 | ND | 1 | 4 | .2 | 10 | 2 | 2 | .01 | .007 | 4 | 34 | .05 | 51 | .01 | 3 | .83 | .01 | .08 | 1 |
| R 139357 | 3 | 15 | 29 | 30 | .2 | 14 | 1 | 12 | 1.02 | 1211 | 9 | ND | 2 | 7 | .2 | 11 | 2 | 4 | .01 | .016 | 6 | 22 | .05 | 64 | .01 | 2 | 1.03 | .01 | .06 | 1 |
| R 139358 | 3 | 7 | 17 | 15 | .1 | 8 | 1 | 7 | .58 | 1137 | 5 | ND | 2 | 6 | .3 | 8 | 2 | 2 | .01 | .010 | 4 | 34 | .03 | 57 | .01 | 3 | .83 | .01 | .08 | 1 |
| R 139359 | 2 | 9 | 22 | 15 | .5 | 4 | 1 | 12 | .84 | 2142 | 5 | ND | 1 | 5 | .2 | 14 | 6 | 2 | .01 | .013 | 3 | 22 | .04 | 37 | .01 | 2 | .62 | .01 | .07 | 1 |
| R 139360 | 2 | 8 | 16 | 41 | .4 | 5 | 1 | 25 | .99 | 1510 | 8 | ND | 1 | 4 | .2 | 11 | 2 | 2 | .01 | .009 | 2 | 26 | .06 | 40 | .01 | 2 | .67 | .01 | .07 | 1 |
| R 139361 | 2 | 7 | 24 | 34 | .5 | 8 | 1 | 21 | .83 | 2234 | 12 | ND | 2 | 3 | .2 | 7 | 3 | 1 | .01 | .010 | 2 | 24 | .07 | 59 | .01 | 2 | .83 | .01 | .08 | 2 |
| R 139362 | 3 | 9 | 25 | 38 | .3 | 10 | 1 | 22 | .86 | 1513 | 11 | ND | 2 | 4 | .2 | 8 | 2 | 2 | .01 | .008 | 3 | 35 | .05 | 66 | .01 | 4 | .80 | .02 | .08 | 1 |
| R 139363 | 3 | 6 | 17 | 15 | 1.0 | 5 | 1 | 10 | .47 | 1322 | 5 | ND | 1 | 8 | .3 | 6 | 2 | 2 | .01 | .008 | 4 | 38 | .02 | 52 | .01 | 2 | .60 | .03 | .09 | 1 |
| R 139364 | 3 | 6 | 29 | 11 | .7 | 5 | 1 | 8 | .71 | 2152 | 7 | ND | 1 | 5 | .2 | 12 | 2 | 1 | .01 | .008 | 3 | 38 | .02 | 32 | .01 | 2 | .46 | .02 | .09 | 1 |
| R 139365 | 3 | 11 | 22 | 17 | .8 | 4 | 1 | 20 | .60 | 797 | 5 | ND | 1 | 6 | .2 | 7 | 4 | 1 | .01 | .009 | 2 | 34 | .04 | 31 | .01 | 4 | .63 | .02 | .08 | 1 |
| R 139366 | 3 | 7 | 8 | 12 | .7 | 3 | 1 | 8 | .44 | 2013 | 6 | ND | 1 | 3 | .3 | 7 | 3 | 1 | .01 | .008 | 2 | 39 | .03 | 18 | .01 | 4 | .49 | .01 | .08 | 2 |
| R 139367 | 2 | 8 | 22 | 10 | .5 | 5 | 1 | 15 | .47 | 1757 | 5 | ND | 1 | 4 | .2 | 7 | 5 | 1 | .01 | .009 | 2 | 23 | .03 | 32 | .01 | 2 | .58 | .01 | .07 | 2 |
| R 139368 | 4 | 9 | 39 | 23 | .6 | 6 | 1 | 11 | .93 | 1143 | 5 | ND | 1 | 5 | .2 | 24 | 4 | 1 | .01 | .006 | 2 | 50 | .02 | 26 | .01 | 3 | .52 | .02 | .10 | 1 |
| R 139369 | 3 | 6 | 20 | 14 | .4 | 5 | 1 | 8 | .44 | 1322 | 5 | ND | 1 | 4 | .2 | 7 | 2 | 1 | .01 | .006 | 2 | 33 | .02 | 32 | .01 | 2 | .55 | .02 | .09 | 1 |
| R 139370 | 3 | 6 | 19 | 12 | .5 | 1 | 1 | 7 | .55 | 2536 | 5 | ND | 1 | 6 | .2 | 9 | 3 | 1 | .01 | .012 | 2 | 36 | .03 | 21 | .01 | 4 | .39 | .01 | .09 | 1 |
| R 139371 | 3 | 5 | 22 | 16 | .9 | 5 | 1 | 10 | .57 | 1988 | 6 | ND | 1 | 7 | .2 | 11 | 4 | 1 | .01 | .011 | 2 | 38 | .03 | 22 | .01 | 4 | .44 | .01 | .09 | 1 |
| R 139372 | 2 | 13 | 22 | 44 | 1.0 | 9 | 1 | 12 | .52 | 844 | 5 | ND | 1 | 6 | .5 | 8 | 7 | 1 | .01 | .006 | 2 | 33 | .02 | 28 | .01 | 3 | .55 | .02 | .09 | 1 |
| R 139373 | 2 | 10 | 20 | 50 | .7 | 4 | 1 | 15 | 1.24 | 787 | 5 | ND | 1 | 4 | .2 | 6 | 4 | 1 | .01 | .009 | 2 | 20 | .05 | 27 | .01 | 2 | .69 | .01 | .07 | 1 |
| R 139374 | 2 | 15 | 17 | 76 | 1.4 | 7 | 1 | 35 | 1.88 | 894 | 6 | ND | 1 | 5 | .8 | 10 | 3 | 2 | .01 | .010 | 2 | 21 | .06 | 41 | .01 | 5 | .72 | .01 | .07 | 1 |
| R 139375 | 2 | 13 | 29 | 35 | 1.9 | 26 | 1 | 40 | 1.14 | 1336 | 7 | ND | 1 | 6 | .2 | 12 | 3 | 1 | .01 | .015 | 2 | 20 | .05 | 60 | .01 | 2 | 1.17 | .01 | .07 | 2 |
| R 139376 | 3 | 15 | 59 | 42 | 1.4 | 59 | 1 | 62 | .47 | 687 | 6 | ND | 1 | 5 | .2 | 11 | 3 | 2 | .01 | .008 | 2 | 34 | .02 | 78 | .01 | 5 | 1.34 | .01 | .08 | 1 |
| R 139377 | 3 | 15 | 107 | 13 | 1.7 | 18 | 1 | 25 | .86 | 2011 | 5 | ND | 1 | 7 | .2 | 16 | 3 | 2 | .01 | .016 | 3 | 32 | .05 | 68 | .01 | 2 | .95 | .01 | .09 | 1 |
| R 139378 | 2 | 14 | 27 | 27 | 1.9 | 38 | 1 | 18 | 1.06 | 780 | 5 | ND | 1 | 8 | .2 | 7 | 3 | 2 | .01 | .012 | 2 | 18 | .03 | 81 | .01 | 2 | 1.34 | .01 | .06 | 1 |
| R 139379 | 2 | 19 | 465 | 46 | 1.1 | 6 | 1 | 46 | 1.54 | 701 | 6 | ND | 2 | 10 | .6 | 60 | 2 | 4 | .01 | .020 | 8 | 24 | .12 | 66 | .01 | 2 | 1.09 | .02 | .08 | 1 |
| R 139380 | 1 | 19 | 63 | 38 | .4 | 4 | 1 | 42 | 1.51 | 634 | 5 | ND | 1 | 4 | .3 | 19 | 6 | 1 | .01 | .011 | 2 | 22 | .09 | 36 | .01 | 2 | .85 | .01 | .07 | 2 |
| R 139381 | 2 | 17 | 34 | 28 | .3 | 7 | 1 | 27 | 1.30 | 1458 | 8 | ND | 2 | 6 | .2 | 16 | 5 | 2 | .01 | .013 | 5 | 24 | .07 | 48 | .01 | 3 | .89 | .01 | .07 | 1 |
| R 139382 | 2 | 18 | 18 | 20 | .2 | 8 | 1 | 20 | 1.35 | 1816 | 7 | ND | 1 | 8 | .4 | 18 | 4 | 3 | .01 | .016 | 4 | 25 | .06 | 40 | .01 | 2 | .78 | .01 | .07 | 1 |
| R 139383 | 3 | 11 | 19 | 14 | .3 | 10 | 1 | 18 | .86 | 3348 | 5 | ND | 2 | 7 | .2 | 17 | 2 | 3 | .01 | .011 | 3 | 37 | .05 | 47 | .01 | 2 | .68 | .01 | .09 | 1 |
| R 139384 | 3 | 17 | 276 | 191 | 2.2 | 13 | 3 | 19 | 1.23 | 3761 | 6 | ND | 1 | 6 | .4 | 25 | 3 | 4 | .01 | .009 | 3 | 33 | .03 | 58 | .01 | 3 | .55 | .02 | .10 | 1 |
| R 139385 | 2 | 61 | 166 | 32 | 16.0 | 6 | 1 | 30 | 5.27 | 57671 | 9 | 7 | 1 | 7 | 1.5 | 541 | 237 | 4 | .01 | .012 | 3 | 24 | .02 | 46 | .01 | 5 | .49 | .01 | .09 | 1 |
| R 139386 | 4 | 14 | 74 | 12 | 4.0 | 6 | 1 | 7 | .75 | 4551 | 5 | ND | 1 | 5 | .2 | 32 | 19 | 3 | .01 | .017 | 2 | 38 | .02 | 52 | .01 | 4 | .40 | .01 | .10 | 1 |
| STANDARD C | 19 | 60 | 38 | 133 | 7.2 | 69 | 32 | 1056 | 3.97 | 39 | 17 | 7 | 39 | 51 | 18.5 | 20 | 22 | 58 | .44 | .094 | 40 | 59 | .90 | 187 | .08 | 32 | 1.90 | .07 | .14 | 13 |

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

**DATE RECEIVED:** OCT 5 1990 **DATE REPORT MAILED:** Oct 11/90. **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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 139387 | 3 | 8 | 19 | 11 | 1.5 | 13 | 1 | 36 | .66 | 2326 | 5 | ND | 1 | 4 | .2 | 14 | 2 | 2 | .02 | .012 | 2 | 38 | .05 | 37 | .01 | 7 | .71 | .01 | .10 | 1 |
| R 139388 | 1 | 18 | 182 | 32 | 2.0 | 58 | 1 | 2 | 1.24 | 1327 | 8 | ND | 1 | 7 | .2 | 21 | 7 | 2 | .01 | .027 | 4 | 16 | .05 | 90 | .01 | 2 | 1.96 | .01 | .06 | 1 |
| R 139389 | 5 | 25 | 29 | 15 | .8 | 5 | 1 | 11 | 2.00 | 990 | 7 | ND | 8 | 8 | .3 | 34 | 2 | 11 | .01 | .032 | 32 | 21 | .04 | 137 | .01 | 4 | .54 | .01 | .12 | 1 |
| R 139390 | 3 | 27 | 20 | 26 | .6 | 2 | 1 | 7 | 2.33 | 2168 | 5 | ND | 9 | 10 | .8 | 28 | 2 | 16 | .01 | .035 | 41 | 13 | .02 | 120 | .01 | 4 | .36 | .01 | .09 | 3 |
| R 139391 | 1 | 20 | 41 | 21 | .4 | 8 | 1 | 5 | 1.58 | 912 | 9 | ND | 1 | 7 | .5 | 17 | 2 | 2 | .01 | .021 | 3 | 14 | .11 | 60 | .01 | 5 | 1.39 | .01 | .08 | 1 |
| R 139392 | 3 | 17 | 27 | 10 | .6 | 1 | 1 | 2 | 1.25 | 1143 | 5 | ND | 4 | 16 | .2 | 53 | 2 | 6 | .01 | .011 | 12 | 18 | .01 | 78 | .01 | 4 | .28 | .01 | .11 | 1 |
| R 139393 | 1 | 12 | 15 | 5 | .6 | 1 | 1 | 2 | .90 | 3370 | 5 | ND | 1 | 5 | .2 | 29 | 2 | 1 | .01 | .013 | 3 | 14 | .05 | 31 | .01 | 3 | .57 | .01 | .08 | 1 |
| R 139394 | 2 | 13 | 92 | 10 | 3.7 | 2 | 1 | 2 | .80 | 8114 | 5 | ND | 1 | 4 | .2 | 55 | 9 | 1 | .01 | .008 | 2 | 18 | .02 | 23 | .01 | 6 | .33 | .01 | .10 | 1 |
| R 139395 | 3 | 12 | 79 | 7 | 5.7 | 2 | 1 | 2 | .62 | 4938 | 5 | ND | 1 | 4 | .2 | 93 | 54 | 1 | .01 | .006 | 2 | 34 | .01 | 26 | .01 | 5 | .35 | .01 | .13 | 1 |
| R 139396 | 4 | 12 | 83 | 4 | 2.2 | 1 | 1 | 2 | .77 | 4231 | 5 | ND | 1 | 3 | .2 | 46 | 11 | 2 | .01 | .009 | 3 | 47 | .02 | 31 | .01 | 9 | .40 | .01 | .14 | 1 |
| R 139397 | 2 | 22 | 81 | 10 | 4.1 | 1 | 1 | 2 | .94 | 10642 | 5 | ND | 1 | 2 | .2 | 79 | 25 | 2 | .01 | .009 | 2 | 22 | .01 | 17 | .01 | 8 | .20 | .01 | .11 | 1 |
| R 139398 | 5 | 70 | 151 | 17 | 6.7 | 2 | 1 | 16 | 2.78 | 31093 | 5 | 6 | 2 | 4 | .7 | 146 | 44 | 3 | .01 | .032 | 3 | 55 | .01 | 34 | .01 | 6 | .28 | .01 | .12 | 1 |
| R 139399 | 1 | 31 | 101 | 9 | 4.3 | 1 | 1 | 2 | 1.13 | 11119 | 5 | ND | 3 | 4 | .2 | 98 | 13 | 2 | .01 | .018 | 2 | 17 | .01 | 29 | .01 | 5 | .24 | .01 | .10 | 1 |
| R 139400 | 3 | 16 | 47 | 26 | 1.8 | 5 | 1 | 12 | 1.40 | 3531 | 7 | ND | 1 | 6 | .2 | 31 | 8 | 1 | .01 | .016 | 4 | 28 | .08 | 34 | .01 | 4 | .93 | .01 | .11 | 1 |
| R 139401 | 2 | 21 | 28 | 47 | .6 | 32 | 1 | 12 | 1.08 | 1085 | 11 | ND | 2 | 11 | .2 | 16 | 4 | 1 | .01 | .018 | 3 | 22 | .05 | 61 | .01 | 5 | 1.35 | .02 | .09 | 1 |
| R 139402 | 1 | 17 | 13 | 6 | .6 | 1 | 1 | 11 | 1.52 | 1361 | 5 | ND | 7 | 12 | .2 | 28 | 2 | 9 | .01 | .028 | 39 | 11 | .02 | 174 | .01 | 3 | .37 | .01 | .16 | 1 |
| R 139403 | 3 | 7 | 19 | 16 | .6 | 2 | 1 | 2 | .56 | 2546 | 5 | ND | 1 | 5 | .2 | 22 | 2 | 1 | .01 | .007 | 2 | 31 | .01 | 34 | .01 | 5 | .33 | .01 | .08 | 1 |
| R 139404 | 5 | 30 | 35 | 3 | 2.6 | 2 | 1 | 6 | 2.22 | 24364 | 5 | ND | 1 | 2 | .2 | 164 | 14 | 3 | .01 | .012 | 2 | 53 | .01 | 30 | .01 | 2 | .22 | .01 | .11 | 1 |
| R 139405 | 5 | 9 | 14 | 3 | .3 | 2 | 1 | 2 | .62 | 5595 | 5 | ND | 1 | 1 | .2 | 22 | 2 | 1 | .01 | .009 | 2 | 56 | .01 | 23 | .01 | 9 | .22 | .01 | .11 | 1 |
| R 139406 | 3 | 21 | 34 | 74 | .2 | 22 | 6 | 12 | .73 | 289 | 10 | ND | 1 | 37 | .2 | 25 | 2 | 2 | .12 | .010 | 2 | 40 | .03 | 51 | .01 | 6 | 1.13 | .09 | .09 | 1 |
| R 139407 | 2 | 30 | 104 | 84 | 1.1 | 14 | 7 | 2 | .52 | 533 | 8 | ND | 1 | 14 | 1.1 | 74 | 2 | 1 | .04 | .007 | 2 | 31 | .02 | 27 | .01 | 7 | .98 | .04 | .06 | 1 |
| R 139408 | 2 | 20 | 220 | 182 | 2.1 | 13 | 5 | 2 | .47 | 936 | 10 | ND | 1 | 9 | 1.1 | 257 | 3 | 1 | .05 | .008 | 2 | 24 | .02 | 23 | .01 | 4 | .81 | .04 | .05 | 1 |
| R 139409 | 4 | 13 | 578 | 84 | 4.1 | 5 | 1 | 5 | .53 | 2587 | 11 | ND | 1 | 9 | .2 | 316 | 2 | 2 | .03 | .007 | 2 | 41 | .02 | 12 | .01 | 9 | .90 | .03 | .08 | 1 |
| R 139410 | 3 | 12 | 385 | 50 | 3.2 | 3 | 1 | 3 | .57 | 2789 | 10 | ND | 1 | 10 | .2 | 240 | 2 | 1 | .04 | .007 | 2 | 33 | .02 | 19 | .01 | 3 | .80 | .04 | .07 | 1 |
| R 139411 | 3 | 23 | 434 | 160 | 3.6 | 3 | 1 | 7 | .64 | 2700 | 10 | ND | 1 | 11 | .2 | 253 | 3 | 1 | .06 | .007 | 2 | 34 | .02 | 30 | .01 | 8 | .62 | .04 | .07 | 1 |
| R 139412 | 2 | 26 | 654 | 116 | 5.8 | 7 | 1 | 10 | .66 | 3178 | 9 | ND | 2 | 8 | 2.8 | 402 | 8 | 2 | .03 | .007 | 2 | 23 | .02 | 25 | .01 | 3 | .87 | .03 | .06 | 1 |
| R 139413 | 3 | 18 | 775 | 187 | 7.0 | 4 | 1 | 5 | .65 | 3361 | 11 | ND | 2 | 10 | .5 | 364 | 2 | 1 | .03 | .007 | 2 | 29 | .02 | 35 | .01 | 6 | .71 | .03 | .07 | 1 |
| R 139414 | 3 | 18 | 541 | 181 | 4.9 | 5 | 2 | 10 | .55 | 2808 | 9 | ND | 1 | 10 | .6 | 305 | 2 | 2 | .08 | .005 | 2 | 32 | .03 | 44 | .01 | 5 | .53 | .04 | .08 | 1 |
| R 139415 | 3 | 18 | 237 | 154 | 4.2 | 4 | 2 | 16 | .56 | 2992 | 12 | ND | 2 | 7 | 1.0 | 161 | 12 | 3 | .28 | .005 | 2 | 33 | .04 | 56 | .01 | 12 | .85 | .03 | .16 | 1 |
| R 139416 | 2 | 11 | 96 | 65 | 2.0 | 7 | 1 | 20 | .68 | 1800 | 11 | ND | 2 | 10 | .2 | 52 | 7 | 2 | .04 | .009 | 2 | 26 | .07 | 60 | .01 | 3 | .89 | .02 | .07 | 1 |
| R 139417 | 3 | 21 | 35 | 58 | .4 | 8 | 2 | 130 | 2.77 | 700 | 5 | ND | 7 | 9 | .2 | 39 | 2 | 18 | .01 | .024 | 27 | 20 | .58 | 108 | .01 | 6 | 1.18 | .01 | .10 | 1 |
| R 139418 | 2 | 29 | 19 | 11 | .4 | 7 | 1 | 2 | .56 | 4707 | 10 | ND | 1 | 4 | .2 | 36 | 6 | 2 | .01 | .006 | 2 | 23 | .01 | 28 | .01 | 7 | .64 | .02 | .08 | 1 |
| R 139419 | 1 | 5 | 21 | 31 | .7 | 11 | 2 | 6 | 1.35 | 11903 | 11 | ND | 1 | 8 | .2 | 92 | 28 | 2 | .01 | .007 | 2 | 16 | .01 | 33 | .01 | 4 | .53 | .01 | .08 | 1 |
| R 139420 | 2 | 9 | 62 | 17 | 1.7 | 1 | 1 | 4 | 1.42 | 13156 | 11 | ND | 1 | 10 | .2 | 114 | 50 | 2 | .01 | .008 | 2 | 17 | .01 | 28 | .01 | 6 | .39 | .01 | .08 | 1 |
| R 139421 | 1 | 11 | 112 | 17 | 5.9 | 3 | 1 | 5 | 1.09 | 11744 | 8 | ND | 1 | 10 | .2 | 137 | 209 | 2 | .01 | .010 | 2 | 17 | .01 | 27 | .01 | 3 | .37 | .01 | .08 | 1 |
| R 139422 | 3 | 4 | 23 | 32 | .8 | 3 | 1 | 8 | .98 | 5743 | 10 | ND | 1 | 7 | .2 | 49 | 53 | 3 | .01 | .008 | 2 | 30 | .02 | 51 | .01 | 7 | .70 | .02 | .13 | 1 |
| STANDARD C | 19 | 59 | 44 | 131 | 7.2 | 73 | 32 | 1057 | 3.97 | 41 | 19 | 7 | 38 | 52 | 18.5 | 15 | 19 | 57 | .45 | .094 | 39 | 60 | .90 | 183 | .07 | 34 | 1.90 | .07 | .14 | 11 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 139423 | 2 | 13 | 61 | 20 | 4.1 | 1 | 1 | 34 | 1.43 | 16508 | 6 | ND | 1 | 16 | .2 | 97 | 379 | 2 | .02 | .009 | 2 | 24 | .01 | 46 | .01 | 3 | .37 | .01 | .09 | 1 |
| R 139424 | 2 | 29 | 137 | 24 | 8.0 | 5 | 1 | 2 | 1.55 | 18457 | 7 | ND | 1 | 32 | .2 | 157 | 306 | 2 | .01 | .010 | 2 | 30 | .01 | 44 | .01 | 6 | .43 | .02 | .10 | 1 |
| R 139425 | 5 | 16 | 40 | 31 | .4 | 11 | 1 | 49 | 1.46 | 495 | 5 | ND | 7 | 22 | .2 | 32 | 6 | 10 | .01 | .023 | 22 | 20 | .27 | 116 | .01 | 2 | 1.11 | .01 | .09 | 1 |
| R 139426 | 4 | 3 | 16 | 16 | .5 | 9 | 1 | 8 | .45 | 797 | 5 | ND | 1 | 4 | .3 | 8 | 5 | 1 | .01 | .007 | 2 | 43 | .03 | 44 | .01 | 6 | .68 | .01 | .07 | 1 |
| R 139427 | 1 | 23 | 23 | 123 | .4 | 59 | 9 | 223 | 5.49 | 159 | 5 | ND | 9 | 43 | 1.3 | 8 | 4 | 62 | .39 | .049 | 14 | 52 | 1.20 | 273 | .14 | 2 | 4.61 | .08 | .46 | 1 |
| R 139428 | 4 | 20 | 9 | 45 | .2 | 44 | 15 | 151 | 2.72 | 4357 | 5 | ND | 7 | 20 | .2 | 4 | 6 | 25 | .22 | .052 | 8 | 59 | .72 | 72 | .03 | 2 | 1.31 | .02 | .17 | 1 |
| R 139429 | 6 | 24 | 3 | 41 | .2 | 34 | 9 | 178 | 2.83 | 452 | 5 | ND | 8 | 16 | .2 | 2 | 4 | 19 | .15 | .051 | 10 | 46 | .64 | 72 | .02 | 6 | 1.23 | .02 | .21 | 1 |
| R 139430 | 6 | 25 | 11 | 45 | .2 | 59 | 14 | 164 | 2.63 | 1524 | 5 | ND | 6 | 153 | .3 | 2 | 2 | 32 | .66 | .046 | 9 | 59 | .70 | 126 | .02 | 3 | 2.15 | .13 | .32 | 1 |
| R 139431 | 3 | 37 | 6 | 48 | .3 | 29 | 9 | 165 | 3.29 | 5003 | 5 | ND | 3 | 37 | 1.5 | 5 | 2 | 35 | .45 | .046 | 3 | 74 | 1.06 | 86 | .06 | 2 | 1.84 | .06 | .50 | 1 |
| R 139432 | 3 | 26 | 9 | 30 | .3 | 15 | 5 | 134 | 3.19 | 1097 | 5 | ND | 5 | 21 | .2 | 3 | 2 | 31 | .37 | .054 | 7 | 65 | .81 | 94 | .05 | 3 | 1.70 | .03 | .32 | 1 |
| R 139433 | 5 | 22 | 3 | 38 | .1 | 19 | 6 | 125 | 2.81 | 748 | 5 | ND | 6 | 20 | .2 | 3 | 4 | 26 | .27 | .048 | 8 | 67 | .69 | 119 | .04 | 2 | 1.50 | .03 | .32 | 1 |
| R 139434 | 4 | 17 | 11 | 46 | .2 | 18 | 6 | 133 | 2.95 | 494 | 5 | ND | 5 | 26 | .2 | 2 | 2 | 37 | .33 | .054 | 9 | 79 | .78 | 139 | .06 | 2 | 1.78 | .05 | .36 | 1 |
| R 139435 | 3 | 43 | 10 | 33 | .2 | 26 | 8 | 136 | 4.25 | 1746 | 5 | ND | 2 | 41 | .2 | 4 | 2 | 47 | .72 | .055 | 3 | 85 | .99 | 62 | .07 | 2 | 2.57 | .07 | .53 | 1 |
| R 139436 | 4 | 16 | 12 | 40 | .2 | 33 | 10 | 204 | 2.77 | 326 | 5 | ND | 4 | 36 | .2 | 5 | 2 | 40 | .63 | .062 | 6 | 78 | .84 | 137 | .06 | 3 | 2.01 | .05 | .39 | 1 |
| R 139437 | 3 | 24 | 8 | 41 | .2 | 41 | 14 | 190 | 3.30 | 1129 | 5 | ND | 4 | 32 | .6 | 8 | 2 | 38 | .53 | .053 | 6 | 90 | .91 | 111 | .05 | 2 | 2.02 | .07 | .33 | 1 |
| R 139438 | 2 | 55 | 86 | 35 | 12.4 | 3 | 2 | 34 | 15.51 | 99999 | 5 | 11 | 1 | 2 | 1.1 | 1086 | 1005 | 1 | .01 | .020 | 2 | 30 | .01 | 12 | .01 | 8 | .19 | .01 | .06 | 1 |
| R 139439 | 6 | 18 | 27 | 17 | .3 | 2 | 1 | 16 | 1.27 | 677 | 5 | ND | 7 | 7 | .2 | 10 | 2 | 9 | .01 | .014 | 27 | 11 | .10 | 105 | .01 | 3 | .33 | .01 | .08 | 1 |
| R 139440 | 3 | 23 | 98 | 11 | .7 | 6 | 1 | 2 | .77 | 4826 | 5 | ND | 2 | 7 | .2 | 24 | 7 | 3 | .01 | .018 | 4 | 35 | .01 | 36 | .01 | 2 | .38 | .01 | .06 | 1 |
| R 139441 | 1 | 10 | 23 | 13 | .1 | 2 | 1 | 9 | .83 | 2762 | 6 | ND | 2 | 4 | .2 | 16 | 4 | 3 | .01 | .021 | 4 | 17 | .05 | 24 | .01 | 4 | .56 | .01 | .06 | 1 |
| R 139442 | 11 | 4 | 38 | 8 | .1 | 4 | 1 | 8 | .37 | 1736 | 5 | ND | 1 | 3 | .2 | 10 | 4 | 1 | .01 | .007 | 2 | 120 | .01 | 13 | .01 | 3 | .16 | .01 | .05 | 1 |
| R 139443 | 3 | 17 | 25 | 10 | .8 | 2 | 1 | 2 | .55 | 6343 | 5 | ND | 1 | 2 | .2 | 14 | 15 | 2 | .01 | .004 | 2 | 37 | .01 | 15 | .01 | 3 | .19 | .01 | .08 | 1 |
| R 139444 | 4 | 17 | 11 | 14 | .2 | 1 | 1 | 6 | .77 | 7699 | 5 | ND | 1 | 3 | .2 | 14 | 3 | 1 | .01 | .008 | 2 | 44 | .01 | 13 | .01 | 3 | .26 | .01 | .07 | 1 |
| R 139445 | 1 | 8 | 16 | 9 | .1 | 1 | 1 | 3 | .61 | 2270 | 5 | ND | 1 | 4 | .2 | 9 | 2 | 2 | .01 | .014 | 2 | 17 | .04 | 23 | .01 | 2 | .52 | .01 | .07 | 1 |
| R 139446 | 2 | 6 | 45 | 24 | .4 | 3 | 1 | 5 | .77 | 945 | 5 | ND | 5 | 11 | .2 | 17 | 2 | 8 | .01 | .017 | 27 | 12 | .01 | 97 | .01 | 5 | .35 | .01 | .11 | 1 |
| R 139447 | 3 | 17 | 76 | 17 | .6 | 4 | 1 | 4 | .68 | 5137 | 5 | ND | 1 | 4 | .2 | 26 | 19 | 2 | .01 | .010 | 2 | 37 | .01 | 20 | .01 | 3 | .36 | .01 | .08 | 1 |
| R 139448 | 4 | 20 | 16 | 11 | .3 | 3 | 1 | 2 | .60 | 6884 | 5 | ND | 1 | 2 | .2 | 15 | 3 | 2 | .01 | .005 | 2 | 45 | .01 | 16 | .01 | 4 | .22 | .01 | .08 | 1 |
| R 139449 | 2 | 17 | 27 | 28 | .3 | 4 | 1 | 10 | 1.40 | 2084 | 5 | ND | 8 | 8 | .2 | 13 | 3 | 11 | .01 | .023 | 31 | 10 | .03 | 106 | .01 | 2 | .34 | .01 | .12 | 1 |
| R 139450 | 2 | 13 | 34 | 19 | .2 | 24 | 1 | 3 | .57 | 451 | 6 | ND | 3 | 4 | .2 | 7 | 2 | 4 | .01 | .009 | 5 | 22 | .02 | 42 | .01 | 4 | 1.09 | .01 | .09 | 1 |
| R 139451 | 5 | 21 | 11 | 23 | .2 | 3 | 1 | 20 | 1.70 | 380 | 5 | ND | 6 | 8 | .2 | 15 | 2 | 12 | .01 | .015 | 31 | 16 | .06 | 141 | .01 | 4 | .40 | .01 | .12 | 1 |
| R 139452 | 3 | 8 | 16 | 82 | .1 | 33 | 4 | 48 | .94 | 418 | 9 | ND | 1 | 5 | .4 | 5 | 2 | 2 | .01 | .009 | 2 | 30 | .05 | 30 | .01 | 3 | 1.17 | .02 | .09 | 1 |
| R 139453 | 3 | 5 | 25 | 79 | .1 | 12 | 1 | 11 | .87 | 793 | 5 | ND | 1 | 7 | .2 | 9 | 2 | 2 | .01 | .006 | 2 | 33 | .06 | 34 | .01 | 2 | .67 | .03 | .09 | 1 |
| R 139454 | 2 | 6 | 21 | 33 | .1 | 3 | 1 | 8 | .69 | 3039 | 10 | ND | 1 | 3 | .2 | 10 | 2 | 1 | .01 | .007 | 4 | 25 | .06 | 13 | .01 | 3 | .51 | .02 | .08 | 1 |
| R 139455 | 2 | 4 | 64 | 141 | 1.1 | 5 | 1 | 24 | .84 | 1137 | 9 | ND | 1 | 4 | .2 | 7 | 2 | 1 | .01 | .008 | 2 | 23 | .04 | 14 | .01 | 4 | .50 | .02 | .07 | 1 |
| R 139456 | 2 | 4 | 39 | 41 | .2 | 3 | 1 | 10 | .67 | 1451 | 7 | ND | 1 | 5 | .2 | 12 | 2 | 1 | .01 | .003 | 4 | 26 | .08 | 19 | .01 | 2 | .59 | .02 | .08 | 1 |
| R 139457 | 2 | 5 | 140 | 52 | 1.1 | 8 | 1 | 14 | .85 | 1103 | 8 | ND | 1 | 7 | .2 | 9 | 2 | 1 | .01 | .008 | 2 | 24 | .09 | 38 | .01 | 3 | .86 | .02 | .08 | 1 |
| R 139458 | 2 | 27 | 83 | 33 | 2.2 | 5 | 2 | 3 | 2.07 | 22489 | 10 | ND | 2 | 8 | .2 | 161 | 19 | 2 | .01 | .020 | 4 | 27 | .01 | 24 | .01 | 2 | .46 | .02 | .07 | 1 |
| STANDARD C | 19 | 59 | 38 | 130 | 7.2 | 73 | 31 | 1055 | 3.96 | 42 | 19 | 7 | 37 | 52 | 18.4 | 15 | 17 | 57 | .45 | .087 | 38 | 61 | .90 | 183 | .07 | 34 | 1.89 | .07 | .13 | 11 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 139459 | 4 | 27 | 23 | 51 | .4 | 5 | 1 | 98 | 2.03 | 465 | 5 | ND | 7 | 10 | .2 | 14 | 2 | 16 | .01 | .042 | 33 | 19 | .29 | 125 | .01 | 2 | .65 | .01 | .10 | 1 |
| R 139460 | 4 | 26 | 14 | 30 | .1 | 3 | 1 | 48 | 1.99 | 147 | 5 | ND | 9 | 15 | .2 | 7 | 2 | 22 | .01 | .021 | 34 | 20 | .27 | 157 | .01 | 2 | .73 | .01 | .12 | 1 |
| R 139461 | 2 | 6 | 16 | 25 | .1 | 3 | 1 | 11 | .65 | 352 | 5 | ND | 1 | 22 | .2 | 9 | 12 | 2 | .01 | .013 | 6 | 21 | .06 | 26 | .01 | 2 | 1.07 | .01 | .05 | 1 |
| R 139462 | 4 | 8 | 16 | 23 | .1 | 3 | 1 | 9 | .79 | 404 | 5 | ND | 2 | 4 | .2 | 7 | 3 | 3 | .01 | .010 | 2 | 36 | .07 | 33 | .01 | 4 | .78 | .02 | .06 | 1 |
| R 139463 | 2 | 14 | 16 | 29 | .1 | 4 | 1 | 15 | 1.58 | 545 | 5 | ND | 2 | 9 | .2 | 9 | 12 | 4 | .01 | .012 | 4 | 18 | .08 | 65 | .01 | 2 | .89 | .01 | .05 | 1 |
| R 139464 | 2 | 15 | 25 | 40 | .1 | 6 | 1 | 14 | .98 | 597 | 6 | ND | 2 | 3 | .2 | 7 | 13 | 2 | .01 | .009 | 4 | 27 | .08 | 20 | .01 | 2 | .91 | .01 | .06 | 1 |
| R 139465 | 2 | 10 | 23 | 83 | .1 | 8 | 2 | 18 | 1.16 | 750 | 7 | ND | 1 | 4 | .3 | 6 | 7 | 2 | .01 | .007 | 4 | 22 | .09 | 27 | .01 | 2 | .64 | .01 | .05 | 1 |
| R 139466 | 3 | 4 | 23 | 97 | .2 | 14 | 4 | 73 | 1.65 | 666 | 5 | ND | 1 | 6 | .3 | 6 | 10 | 1 | .05 | .005 | 3 | 35 | .13 | 21 | .01 | 3 | .55 | .01 | .07 | 1 |
| R 139467 | 2 | 3 | 28 | 64 | .1 | 11 | 3 | 86 | 1.20 | 734 | 5 | ND | 1 | 6 | .2 | 7 | 10 | 2 | .06 | .006 | 3 | 18 | .12 | 17 | .01 | 2 | .44 | .01 | .05 | 1 |
| R 139468 | 3 | 3 | 23 | 71 | .2 | 13 | 3 | 87 | 1.25 | 695 | 5 | ND | 1 | 6 | .2 | 8 | 17 | 2 | .05 | .006 | 4 | 33 | .12 | 20 | .01 | 4 | .46 | .01 | .06 | 1 |
| R 139469 | 2 | 16 | 28 | 88 | .1 | 6 | 2 | 53 | 3.31 | 677 | 5 | ND | 2 | 7 | 1.1 | 18 | 11 | 4 | .02 | .014 | 5 | 21 | .09 | 28 | .01 | 2 | .59 | .01 | .05 | 1 |
| R 139470 | 3 | 21 | 40 | 53 | .4 | 4 | 1 | 32 | 3.37 | 1250 | 5 | ND | 2 | 7 | .4 | 26 | 20 | 6 | .01 | .017 | 7 | 30 | .08 | 32 | .01 | 3 | .67 | .02 | .06 | 1 |
| R 139471 | 2 | 10 | 18 | 25 | .2 | 3 | 1 | 19 | 1.71 | 543 | 5 | ND | 1 | 3 | .2 | 13 | 10 | 3 | .01 | .009 | 3 | 19 | .06 | 23 | .01 | 2 | .49 | .01 | .06 | 1 |
| R 139472 | 2 | 21 | 26 | 56 | .1 | 3 | 1 | 35 | 4.38 | 730 | 5 | ND | 2 | 5 | .8 | 13 | 8 | 6 | .01 | .017 | 5 | 18 | .08 | 28 | .01 | 2 | .61 | .01 | .05 | 1 |
| R 139473 | 2 | 16 | 20 | 43 | .1 | 4 | 1 | 60 | 4.07 | 643 | 5 | ND | 2 | 2 | .9 | 12 | 7 | 3 | .01 | .010 | 4 | 18 | .07 | 18 | .01 | 2 | .53 | .01 | .06 | 1 |
| R 139474 | 2 | 14 | 21 | 40 | .1 | 4 | 1 | 57 | 2.63 | 581 | 5 | ND | 2 | 4 | .2 | 8 | 3 | 4 | .01 | .010 | 5 | 22 | .07 | 48 | .01 | 2 | .59 | .02 | .07 | 1 |
| R 139475 | 3 | 21 | 25 | 46 | .1 | 2 | 1 | 43 | 3.00 | 721 | 5 | ND | 3 | 6 | .8 | 7 | 8 | 7 | .01 | .016 | 10 | 21 | .12 | 63 | .01 | 2 | .80 | .02 | .07 | 1 |
| R 139476 | 2 | 9 | 18 | 39 | .1 | 5 | 1 | 31 | 1.60 | 1305 | 5 | ND | 1 | 4 | .9 | 5 | 16 | 2 | .02 | .006 | 3 | 20 | .09 | 29 | .01 | 2 | .67 | .01 | .06 | 1 |
| R 139477 | 2 | 8 | 13 | 41 | .1 | 6 | 1 | 35 | 1.59 | 582 | 5 | ND | 1 | 7 | .6 | 4 | 23 | 2 | .03 | .007 | 3 | 17 | .11 | 43 | .01 | 2 | .69 | .01 | .06 | 1 |
| R 139478 | 1 | 10 | 17 | 46 | .4 | 6 | 1 | 24 | 1.83 | 1109 | 5 | ND | 2 | 5 | .5 | 11 | 9 | 3 | .01 | .009 | 4 | 16 | .09 | 26 | .01 | 3 | .61 | .01 | .06 | 1 |
| R 139479 | 2 | 7 | 24 | 42 | .2 | 3 | 1 | 29 | 1.67 | 1094 | 5 | ND | 1 | 4 | .2 | 11 | 13 | 2 | .01 | .005 | 3 | 21 | .07 | 24 | .01 | 4 | .56 | .02 | .08 | 1 |
| R 139480 | 2 | 7 | 22 | 57 | .3 | 5 | 1 | 21 | 1.55 | 959 | 5 | ND | 1 | 4 | .2 | 14 | 9 | 1 | .01 | .004 | 2 | 22 | .11 | 21 | .01 | 2 | .69 | .02 | .08 | 1 |
| R 139481 | 1 | 6 | 13 | 74 | .4 | 7 | 1 | 20 | 1.99 | 1081 | 5 | ND | 1 | 3 | .2 | 15 | 14 | 1 | .02 | .004 | 2 | 13 | .09 | 16 | .01 | 3 | .64 | .01 | .05 | 1 |
| R 139482 | 1 | 6 | 32 | 51 | .2 | 5 | 1 | 23 | 1.74 | 927 | 5 | ND | 1 | 6 | .2 | 9 | 10 | 1 | .02 | .005 | 2 | 13 | .11 | 37 | .01 | 2 | .79 | .02 | .06 | 1 |
| R 139483 | 1 | 4 | 16 | 33 | .1 | 7 | 1 | 17 | .84 | 1227 | 5 | ND | 1 | 7 | .2 | 6 | 8 | 1 | .02 | .006 | 2 | 16 | .09 | 48 | .01 | 2 | 1.06 | .01 | .06 | 1 |
| R 139484 | 3 | 26 | 17 | 44 | .1 | 6 | 1 | 66 | 2.25 | 490 | 5 | ND | 9 | 13 | .6 | 9 | 3 | 16 | .01 | .026 | 27 | 17 | .23 | 113 | .01 | 2 | .80 | .01 | .09 | 1 |
| R 139485 | 2 | 16 | 7 | 49 | .1 | 8 | 1 | 144 | 2.25 | 146 | 5 | ND | 9 | 7 | .2 | 6 | 2 | 25 | .01 | .024 | 30 | 27 | .67 | 119 | .01 | 2 | 1.33 | .01 | .08 | 1 |
| R 139486 | 4 | 11 | 13 | 23 | .4 | 3 | 1 | 14 | 1.59 | 578 | 5 | ND | 8 | 10 | .2 | 13 | 3 | 13 | .01 | .023 | 25 | 6 | .04 | 171 | .01 | 4 | .39 | .01 | .15 | 1 |
| R 139487 | 2 | 10 | 13 | 32 | .1 | 6 | 1 | 21 | .91 | 971 | 5 | ND | 3 | 7 | .2 | 5 | 5 | 4 | .01 | .016 | 5 | 17 | .13 | 37 | .01 | 3 | .94 | .02 | .09 | 1 |
| R 139488 | 1 | 9 | 12 | 28 | .1 | 4 | 1 | 15 | 1.04 | 2823 | 5 | ND | 2 | 7 | .2 | 9 | 2 | 2 | .01 | .017 | 4 | 16 | .06 | 31 | .01 | 2 | .62 | .02 | .09 | 1 |
| R 139489 | 1 | 10 | 25 | 33 | .2 | 2 | 1 | 18 | 1.00 | 1179 | 8 | ND | 2 | 8 | .2 | 6 | 5 | 2 | .01 | .020 | 6 | 6 | .11 | 23 | .01 | 2 | .72 | .02 | .05 | 1 |
| R 139490 | 2 | 9 | 28 | 27 | .1 | 3 | 1 | 14 | .94 | 2926 | 6 | ND | 2 | 7 | .2 | 8 | 2 | 2 | .01 | .014 | 4 | 17 | .09 | 26 | .01 | 2 | .70 | .02 | .09 | 1 |
| R 139491 | 1 | 6 | 16 | 28 | .1 | 1 | 1 | 11 | .73 | 1547 | 5 | ND | 1 | 4 | .2 | 8 | 2 | 2 | .01 | .010 | 2 | 18 | .09 | 23 | .01 | 4 | .78 | .02 | .09 | 1 |
| R 139492 | 1 | 5 | 24 | 30 | .3 | 4 | 1 | 10 | .81 | 1917 | 5 | ND | 2 | 7 | .2 | 10 | 3 | 2 | .01 | .015 | 4 | 15 | .07 | 27 | .01 | 3 | .70 | .03 | .09 | 1 |
| R 139493 | 4 | 10 | 17 | 28 | .4 | 3 | 1 | 13 | 1.22 | 230 | 5 | ND | 5 | 7 | .2 | 11 | 2 | 11 | .01 | .015 | 29 | 5 | .02 | 136 | .01 | 3 | .38 | .01 | .12 | 1 |
| R 139494 | 3 | 2 | 6 | 21 | .1 | 6 | 1 | 36 | .42 | 1985 | 5 | ND | 1 | 6 | .2 | 2 | 2 | 2 | .05 | .006 | 2 | 28 | .03 | 72 | .01 | 7 | .47 | .02 | .17 | 1 |
| STANDARD C | 19 | 58 | 36 | 134 | 7.2 | 72 | 31 | 1055 | 3.96 | 43 | 15 | 7 | 37 | 53 | 19.0 | 16 | 20 | 57 | .46 | .094 | 39 | 59 | .90 | 182 | .08 | 33 | 1.89 | .06 | .13 | 11 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 139495 | 3 | 11 | 12 | 5 | .2 | 5 | 1 | 20 | .97 | 3461 | 5 | ND | 1 | 6 | .2 | 4 | 7 | 3 | .01 | .031 | 3 | 29 | .03 | 38 | .01 | 4 | .56 | .01 | .09 | 1 |
| R 139496 | 3 | 11 | 23 | 8 | .3 | 2 | 1 | 9 | 1.23 | 2481 | 5 | ND | 1 | 5 | .4 | 5 | 7 | 3 | .01 | .025 | 3 | 38 | .02 | 32 | .01 | 3 | .31 | .01 | .07 | 1 |
| R 139497 | 1 | 11 | 28 | 9 | .4 | 18 | 1 | 11 | .24 | 226 | 5 | ND | 1 | 3 | .3 | 13 | 12 | 2 | .01 | .009 | 2 | 12 | .06 | 35 | .01 | 2 | 1.20 | .01 | .06 | 1 |
| R 139498 | 3 | 3 | 65 | 9 | .9 | 1 | 1 | 20 | .25 | 1280 | 8 | ND | 1 | 2 | .3 | 34 | 26 | 2 | .01 | .006 | 2 | 26 | .05 | 25 | .01 | 4 | .67 | .01 | .08 | 1 |
| R 139499 | 2 | 3 | 16 | 23 | .1 | 6 | 1 | 14 | .25 | 646 | 8 | ND | 1 | 4 | .3 | 7 | 9 | 2 | .01 | .005 | 2 | 20 | .04 | 109 | .01 | 5 | .83 | .02 | .08 | 1 |
| R 139500 | 2 | 3 | 22 | 4 | .3 | 6 | 1 | 11 | .20 | 1073 | 6 | ND | 1 | 3 | .3 | 14 | 14 | 2 | .01 | .004 | 2 | 26 | .04 | 51 | .01 | 5 | .70 | .02 | .09 | 1 |
| R 141201 | 3 | 49 | 25 | 6 | .8 | 4 | 3 | 16 | 3.54 | 49506 | 5 | 4 | 1 | 2 | .2 | 69 | 303 | 2 | .01 | .008 | 5 | 30 | .01 | 18 | .01 | 2 | .18 | .01 | .06 | 1 |
| R 141202 | 3 | 5 | 28 | 6 | .4 | 2 | 1 | 15 | .61 | 1019 | 8 | ND | 1 | 2 | .2 | 23 | 11 | 2 | .01 | .006 | 2 | 33 | .03 | 26 | .01 | 7 | .33 | .02 | .10 | 1 |
| R 141203 | 4 | 23 | 13 | 10 | 2.0 | 1 | 1 | 16 | 1.01 | 1532 | 5 | ND | 1 | 3 | .2 | 23 | 2 | 2 | .01 | .005 | 2 | 45 | .04 | 32 | .01 | 4 | .34 | .02 | .08 | 1 |
| R 141204 | 3 | 7 | 7 | 20 | .2 | 1 | 1 | 24 | 1.32 | 315 | 8 | ND | 1 | 2 | .2 | 6 | 4 | 1 | .01 | .005 | 2 | 36 | .03 | 22 | .01 | 3 | .35 | .02 | .08 | 1 |
| R 141205 | 3 | 12 | 2 | 13 | .8 | 1 | 1 | 36 | 1.49 | 166 | 5 | ND | 1 | 1 | .2 | 9 | 2 | 1 | .01 | .005 | 2 | 28 | .03 | 17 | .01 | 6 | .28 | .02 | .05 | 1 |
| R 141206 | 3 | 10 | 14 | 14 | .3 | 1 | 1 | 35 | 1.72 | 638 | 5 | ND | 1 | 2 | .2 | 12 | 8 | 1 | .01 | .006 | 2 | 34 | .04 | 28 | .01 | 4 | .31 | .02 | .06 | 1 |
| R 141207 | 5 | 11 | 32 | 10 | .1 | 3 | 2 | 41 | 1.86 | 93 | 6 | ND | 18 | 7 | .2 | 2 | 2 | 2 | .03 | .023 | 19 | 42 | .02 | 43 | .01 | 5 | .34 | .04 | .14 | 1 |
| R 141208 | 2 | 1 | 6 | 24 | .2 | 10 | 9 | 215 | 2.59 | 32 | 5 | ND | 13 | 40 | 1.8 | 2 | 2 | 47 | .64 | .044 | 25 | 63 | 1.06 | 261 | .23 | 2 | 1.93 | .11 | .81 | 1 |
| FS 141209 | 1 | 79 | 18 | 40 | .3 | 9 | 8 | 201 | 1.76 | 154 | 8 | ND | 14 | 130 | .8 | 2 | 11 | 28 | .94 | .086 | 36 | 24 | .63 | 287 | .08 | 2 | 2.23 | .05 | .32 | 1 |
| R 141210 | 4 | 17 | 13 | 28 | .1 | 40 | 1 | 35 | 2.09 | 393 | 5 | ND | 10 | 77 | .2 | 2 | 2 | 17 | .01 | .052 | 25 | 14 | .18 | 285 | .01 | 2 | 2.98 | .01 | .05 | 1 |
| R 141211 | 4 | 12 | 9 | 11 | .1 | 41 | 1 | 14 | .75 | 97 | 5 | ND | 12 | 35 | .2 | 2 | 2 | 8 | .01 | .022 | 32 | 8 | .04 | 201 | .01 | 3 | 1.29 | .01 | .06 | 1 |
| R 141212 | 5 | 49 | 11 | 14 | .1 | 42 | 2 | 18 | 2.10 | 356 | 7 | ND | 12 | 57 | .6 | 2 | 2 | 11 | .01 | .042 | 33 | 7 | .04 | 306 | .01 | 3 | 1.12 | .01 | .06 | 1 |
| R 141213 | 5 | 25 | 18 | 9 | .3 | 6 | 1 | 25 | 1.37 | 182 | 5 | ND | 12 | 75 | .2 | 2 | 2 | 7 | .02 | .053 | 37 | 7 | .03 | 408 | .01 | 2 | .67 | .01 | .05 | 1 |
| R 141214 | 4 | 23 | 15 | 8 | .3 | 6 | 1 | 16 | 1.36 | 393 | 6 | ND | 13 | 95 | .2 | 2 | 2 | 7 | .02 | .066 | 39 | 5 | .04 | 481 | .01 | 2 | .73 | .01 | .06 | 1 |
| R 141215 | 5 | 51 | 12 | 16 | .3 | 13 | 2 | 30 | 2.60 | 429 | 6 | ND | 11 | 142 | .2 | 2 | 2 | 11 | .03 | .172 | 42 | 11 | .04 | 754 | .01 | 2 | .93 | .01 | .07 | 1 |
| R 141216 | 6 | 51 | 2 | 26 | .3 | 4 | 1 | 22 | 1.80 | 525 | 6 | ND | 8 | 40 | .2 | 2 | 2 | 23 | .04 | .049 | 23 | 13 | .04 | 379 | .01 | 3 | .49 | .01 | .08 | 2 |
| R 141217 | 6 | 28 | 8 | 20 | .1 | 4 | 1 | 16 | 1.47 | 425 | 5 | ND | 9 | 21 | .2 | 2 | 2 | 16 | .01 | .015 | 26 | 13 | .02 | 282 | .01 | 5 | .44 | .01 | .11 | 1 |
| R 141218 | 3 | 7 | 10 | 129 | .1 | 18 | 7 | 52 | .76 | 476 | 9 | ND | 2 | 12 | .3 | 3 | 2 | 3 | .08 | .008 | 2 | 26 | .04 | 51 | .01 | 3 | .87 | .05 | .08 | 1 |
| R 141219 | 2 | 10 | 8 | 48 | .1 | 11 | 1 | 12 | 1.84 | 3550 | 6 | ND | 2 | 11 | 1.0 | 2 | 2 | 4 | .01 | .018 | 5 | 18 | .02 | 98 | .01 | 2 | .91 | .01 | .08 | 1 |
| R 141220 | 1 | 84 | 8 | 99 | .5 | 27 | 225 | 75 | 25.84 | 99999 | 5 | 2 | 1 | 2 | 1.9 | 70 | 12 | 1 | .01 | .007 | 2 | 16 | .01 | 9 | .01 | 4 | .90 | .01 | .04 | 1 |
| R 141221 | 9 | 184 | 18 | 19 | .1 | 63 | 122 | 30 | .84 | 7016 | 5 | ND | 1 | 3 | .2 | 2 | 8 | 2 | .01 | .010 | 4 | 110 | .02 | 19 | .01 | 10 | .04 | .01 | .01 | 1 |
| STANDARD C | 19 | 60 | 38 | 133 | 7.0 | 72 | 32 | 1056 | 3.97 | 43 | 17 | 7 | 38 | 52 | 18.5 | 19 | 19 | 58 | .44 | .094 | 39 | 60 | .90 | 183 | .08 | 34 | 1.89 | .07 | .13 | 11 |

Northern Analytical Laboratories ltd.

August 31,1990

**Work Order #** 08277

Noranda Exploration Company Limited
201 - 107 Main St.
Whitehorse, Yukon
Y1A 2A7

**File #** 08277a

**Project #** Putz 343

## Assay Certificate for Samples Provided

| Sample | ppb Au |
|---|---|
| FS114784 | 27 |
| FS139189 | 48 |
| FS139196 | 17 |
| FS139197 | 35 |
| FS139198 | 9 |

Au -- 30g Fire Assay/AAS

Applied Science Technologists and Technicians of British Columbia
6992
GERALD F. HAYES
A.Sc.T.

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

ACME ANAL AL LABORATORIES LTD. 852 E. HASTINGS ST. VAI VER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6 53-1716

# GEOCHEMICAL ANALYSIS CERTIFICATE Putz Bennet (DH)

**Noranda Exploration Co. Ltd.** PROJECT 9008-015 343 File # 90-4454

P.O. Box 2380, 1050 Davie, Vancouver BC V6B 3T5

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 114784 | 5 | 178 | 65 | 196 | .9 | 25 | 9 | 173 | 9.41 | 570 | 18 | ND | 11 | 25 | .5 | 7 | 2 | 37 | .11 | .089 | 16 | 23 | .43 | 302 | .07 | 3 | 4.29 | .02 | .17 | 1 | 80 |
| 139189 | 6 | 37 | 107 | 188 | 1.0 | 16 | 3 | 99 | 4.51 | 60 | 5 | ND | 7 | 23 | .5 | 4 | 2 | 35 | .03 | .077 | 22 | 18 | .27 | 337 | .01 | 19 | .99 | .01 | .08 | 1 | 100 |
| 139196 | 1 | 38 | 61 | 124 | .3 | 19 | 9 | 322 | 2.57 | 64 | 23 | ND | 16 | 116 | .3 | 4 | 2 | 39 | 1.28 | .092 | 37 | 29 | .73 | 579 | .11 | 3 | 3.20 | .05 | .36 | 7 | 40 |
| 139197 | 1 | 29 | 46 | 98 | .2 | 19 | 9 | 376 | 2.35 | 43 | 25 | ND | 14 | 93 | .2 | 3 | 2 | 31 | 1.01 | .088 | 33 | 24 | .64 | 338 | .08 | 2 | 2.70 | .05 | .26 | 6 | 50 |
| 139198 | 3 | 53 | 50 | 135 | .3 | 42 | 22 | 570 | 6.00 | 716 | 5 | ND | 9 | 24 | .2 | 5 | 2 | 45 | .15 | .081 | 22 | 36 | .64 | 194 | .03 | 3 | 2.57 | .02 | .23 | 6 | 40 |
| STANDARD C | 17 | 58 | 36 | 131 | 6.8 | 67 | 31 | 1047 | 3.94 | 40 | 16 | 7 | 37 | 51 | 18.1 | 15 | 20 | 56 | .52 | .088 | 35 | 56 | .85 | 183 | .08 | 33 | 1.87 | .06 | .14 | 12 | 1300 |

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: SILT PULP HG ANALYSIS BY FLAMELESS AA.

**DATE RECEIVED:** SEP 14 1990 **DATE REPORT MAILED:** Sept 19/90 **SIGNED BY.** D. Toye .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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13200E 19600N | 2 | 50 | 10 | 55 | .5 | 24 | 6 | 61 | 4.95 | 80 | 5 | ND | 1 | 21 | .4 | 2 | 2 | 14 | .08 | .147 | 16 | 8 | .16 | 423 | .01 | 2 | 1.92 | .02 | .07 | 2 | 4 | 90 |
| 13200E 19350N | 4 | 50 | 10 | 98 | .3 | 20 | 7 | 126 | 6.30 | 114 | 5 | ND | 3 | 26 | .2 | 4 | 2 | 32 | .08 | .093 | 22 | 18 | .33 | 568 | .04 | 5 | 1.68 | .02 | .13 | 1 | 2 | 20 |
| 13600E 20200N | 1 | 83 | 2 | 80 | .3 | 3 | 1 | 163 | .26 | 5 | 5 | ND | 1 | 50 | .2 | 2 | 2 | 2 | .48 | .050 | 3 | 1 | .08 | 67 | .01 | 2 | .14 | .01 | .04 | 1 | 1 | 40 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11600E 20100N | 3 | 35 | 17 | 45 | .3 | 39 | 2 | 107 | 2.15 | 179 | 7 | ND | 11 | 48 | .8 | 2 | 3 | 23 | .04 | .066 | 31 | 8 | .16 | 292 | .03 | 5 | 1.51 | .02 | .06 | 1 | 10 |
| 11600E 20150N | 5 | 54 | 12 | 69 | .3 | 10 | 3 | 84 | 3.94 | 889 | 5 | ND | 4 | 60 | 1.2 | 4 | 3 | 27 | .08 | .123 | 23 | 9 | .07 | 432 | .02 | 3 | .79 | .01 | .04 | 2 | 10 |
| 11600E 20200N | 5 | 62 | 9 | 59 | .3 | 11 | 3 | 66 | 4.32 | 740 | 5 | ND | 9 | 60 | .8 | 4 | 4 | 23 | .04 | .079 | 25 | 5 | .05 | 392 | .02 | 3 | .76 | .01 | .03 | 3 | 20 |
| 11600E 20250N | 7 | 86 | 15 | 72 | .5 | 17 | 4 | 71 | 4.62 | 1169 | 5 | ND | 7 | 123 | 1.3 | 3 | 2 | 36 | .10 | .142 | 19 | 13 | .11 | 897 | .02 | 2 | .96 | .01 | .05 | 9 | 40 |
| 11600E 20300N | 7 | 54 | 13 | 143 | .8 | 34 | 5 | 135 | 2.82 | 566 | 9 | ND | 1 | 101 | 1.9 | 5 | 2 | 55 | .31 | .267 | 15 | 15 | .18 | 739 | .02 | 2 | 1.29 | .02 | .07 | 2 | 30 |
| 11600E 20350N | 13 | 82 | 24 | 106 | .8 | 29 | 7 | 209 | 4.32 | 913 | 5 | ND | 3 | 128 | 1.6 | 6 | 4 | 78 | .38 | .351 | 22 | 24 | .27 | 890 | .03 | 5 | 1.79 | .02 | .10 | 2 | 50 |
| 11800E 19200N | 4 | 90 | 51 | 184 | 1.0 | 46 | 26 | 660 | 6.63 | 44 | 5 | ND | 6 | 47 | 1.2 | 2 | 2 | 55 | .03 | .196 | 22 | 33 | .26 | 577 | .01 | 4 | 1.63 | .02 | .09 | 1 | 80 |
| 11800E 19250N | 10 | 75 | 47 | 137 | .9 | 38 | 16 | 492 | 5.22 | 50 | 5 | ND | 6 | 47 | .8 | 2 | 2 | 59 | .06 | .212 | 23 | 31 | .27 | 588 | .01 | 3 | 1.59 | .02 | .10 | 1 | 60 |
| 11800E 19300N | 7 | 47 | 31 | 204 | 1.6 | 49 | 14 | 394 | 3.68 | 25 | 5 | ND | 6 | 57 | 1.1 | 3 | 2 | 44 | .17 | .199 | 36 | 24 | .19 | 497 | .01 | 3 | 1.33 | .02 | .10 | 1 | 70 |
| 11800E 19350N | 10 | 54 | 30 | 273 | 3.3 | 47 | 11 | 241 | 4.91 | 39 | 5 | ND | 2 | 114 | 1.0 | 6 | 4 | 51 | .17 | .324 | 24 | 25 | .18 | 606 | .01 | 6 | 1.31 | .02 | .12 | 1 | 60 |
| 11800E 19400N | 9 | 54 | 33 | 187 | 2.6 | 40 | 11 | 368 | 4.87 | 39 | 5 | ND | 2 | 85 | 1.4 | 4 | 2 | 61 | .31 | .413 | 23 | 29 | .18 | 1035 | .01 | 7 | 1.39 | .02 | .13 | 1 | 60 |
| 11800E 19450N | 7 | 39 | 21 | 124 | .9 | 16 | 5 | 141 | 4.64 | 44 | 7 | ND | 1 | 25 | .7 | 6 | 2 | 42 | .04 | .187 | 15 | 17 | .08 | 256 | .01 | 4 | .94 | .02 | .05 | 1 | 40 |
| 11800E 19500N | 8 | 40 | 24 | 174 | 1.1 | 21 | 7 | 245 | 4.09 | 46 | 5 | ND | 3 | 30 | .6 | 7 | 2 | 56 | .05 | .131 | 24 | 20 | .23 | 278 | .01 | 3 | .96 | .01 | .06 | 1 | 30 |
| 11800E 19550N | 3 | 8 | 2 | 25 | .1 | 1 | 1 | 21 | .85 | 12 | 5 | ND | 1 | 8 | .4 | 2 | 2 | 27 | .03 | .035 | 7 | 4 | .02 | 36 | .01 | 2 | .31 | .04 | .02 | 2 | 20 |
| 11800E 19600N | 10 | 39 | 23 | 78 | .3 | 11 | 3 | 134 | 3.90 | 45 | 5 | ND | 7 | 17 | 1.0 | 7 | 2 | 49 | .02 | .091 | 23 | 23 | .30 | 140 | .01 | 2 | 1.11 | .02 | .05 | 1 | 30 |
| 11800E 19650N | 15 | 62 | 35 | 101 | 1.0 | 11 | 5 | 225 | 6.61 | 128 | 5 | ND | 7 | 22 | .2 | 27 | 2 | 69 | .07 | .211 | 31 | 35 | .45 | 130 | .02 | 2 | 1.59 | .01 | .05 | 1 | 30 |
| 11800E 19700N | 12 | 63 | 34 | 106 | .9 | 12 | 3 | 189 | 7.01 | 226 | 5 | ND | 10 | 14 | .2 | 33 | 2 | 64 | .03 | .187 | 20 | 35 | .41 | 90 | .02 | 2 | 1.39 | .01 | .04 | 1 | 10 |
| 11800E 19750N | 13 | 62 | 40 | 108 | 1.0 | 12 | 3 | 211 | 7.00 | 240 | 5 | ND | 9 | 15 | .2 | 32 | 4 | 67 | .03 | .197 | 23 | 34 | .46 | 90 | .02 | 2 | 1.53 | .02 | .04 | 1 | 20 |
| 11800E 19800N | 6 | 44 | 38 | 93 | .4 | 22 | 4 | 107 | 3.78 | 1135 | 5 | ND | 8 | 41 | 1.2 | 19 | 8 | 36 | .02 | .054 | 24 | 12 | .22 | 170 | .01 | 2 | 1.65 | .01 | .04 | 1 | 20 |
| 11800E 19850N | 5 | 52 | 43 | 129 | .4 | 32 | 6 | 152 | 4.90 | 1368 | 5 | ND | 7 | 46 | 1.6 | 13 | 12 | 36 | .03 | .071 | 21 | 15 | .27 | 178 | .02 | 4 | 2.07 | .01 | .05 | 1 | 10 |
| 11800E 19900N | 8 | 83 | 28 | 112 | .3 | 42 | 4 | 141 | 7.19 | 684 | 5 | ND | 12 | 76 | .4 | 11 | 6 | 52 | .02 | .101 | 26 | 19 | .37 | 193 | .02 | 2 | 2.62 | .01 | .07 | 1 | 30 |
| 11800E 19950N | 13 | 139 | 33 | 180 | .3 | 72 | 6 | 144 | 13.59 | 1622 | 5 | ND | 11 | 43 | .2 | 15 | 2 | 46 | .01 | .136 | 16 | 25 | .43 | 197 | .03 | 2 | 4.19 | .01 | .09 | 1 | 40 |
| 11800E 20050N | 13 | 67 | 33 | 94 | .3 | 24 | 4 | 110 | 7.10 | 1972 | 5 | ND | 8 | 46 | .6 | 9 | 2 | 17 | .02 | .103 | 13 | 9 | .30 | 259 | .01 | 2 | 3.08 | .02 | .05 | 1 | 20 |
| 11800E 20100N | 14 | 151 | 19 | 61 | .5 | 11 | 3 | 49 | 6.15 | 1880 | 5 | ND | 17 | 39 | 1.1 | 9 | 2 | 24 | .01 | .054 | 27 | 10 | .06 | 239 | .01 | 3 | 1.12 | .01 | .04 | 1 | 20 |
| 11800E 20300N | 33 | 81 | 29 | 199 | 2.4 | 54 | 10 | 185 | 4.01 | 338 | 8 | ND | 4 | 628 | 1.0 | 8 | 2 | 137 | .34 | .682 | 26 | 41 | .20 | 3804 | .02 | 3 | 2.53 | .01 | .08 | 1 | 30 |
| 11800E 20350N | 15 | 75 | 23 | 147 | 2.5 | 29 | 7 | 159 | 5.09 | 418 | 5 | ND | 6 | 397 | 1.3 | 6 | 2 | 110 | .93 | 1.151 | 21 | 48 | .23 | 1845 | .02 | 7 | 2.52 | .01 | .13 | 2 | 30 |
| 11800E 20400N | 1 | 219 | 18 | 156 | 1.1 | 32 | 11 | 326 | 20.62 | 784 | 6 | ND | 4 | 113 | .2 | 5 | 2 | 69 | .03 | .288 | 10 | 46 | .35 | 362 | .06 | 3 | 2.79 | .04 | .29 | 1 | 20 |
| 11800E 20450N | 1 | 236 | 45 | 107 | .8 | 25 | 9 | 235 | 21.79 | 1382 | 6 | ND | 7 | 99 | .2 | 8 | 6 | 63 | .05 | .365 | 11 | 37 | .28 | 338 | .04 | 5 | 2.23 | .04 | .22 | 1 | 50 |
| 11800E 20500N | 2 | 190 | 35 | 95 | 1.0 | 13 | 5 | 161 | 18.91 | 409 | 7 | ND | 4 | 69 | .2 | 4 | 2 | 68 | .03 | .283 | 9 | 39 | .25 | 337 | .04 | 2 | 2.29 | .05 | .19 | 1 | 60 |
| 11800E 20550N | 1 | 125 | 35 | 73 | 4.3 | 11 | 5 | 172 | 22.98 | 296 | 10 | ND | 2 | 126 | .2 | 5 | 2 | 95 | .07 | .953 | 13 | 39 | .22 | 137 | .08 | 2 | 1.83 | .10 | .47 | 1 | 40 |
| 11800E 20580N | 1 | 68 | 41 | 46 | 5.1 | 2 | 4 | 136 | 28.01 | 200 | 5 | 2 | 1 | 95 | .9 | 4 | 7 | 115 | .02 | .848 | 8 | 42 | .25 | 80 | .07 | 2 | 1.40 | .21 | .76 | 4 | 80 |
| 12000E 19200N | 2 | 18 | 10 | 61 | .7 | 11 | 4 | 91 | 1.67 | 14 | 5 | ND | 1 | 20 | 1.1 | 2 | 2 | 22 | .13 | .125 | 8 | 11 | .07 | 149 | .01 | 5 | .92 | .03 | .04 | 1 | 40 |
| 12000E 19250N | 4 | 32 | 25 | 105 | 1.3 | 18 | 7 | 644 | 4.24 | 40 | 5 | ND | 1 | 19 | 1.0 | 2 | 2 | 45 | .04 | .183 | 12 | 28 | .20 | 166 | .01 | 3 | 1.44 | .02 | .06 | 1 | 50 |
| 12000E 19300N | 4 | 10 | 7 | 68 | .3 | 5 | 2 | 41 | 1.11 | 19 | 5 | ND | 1 | 18 | .3 | 2 | 2 | 42 | .02 | .076 | 13 | 6 | .03 | 132 | .01 | 3 | .52 | .02 | .04 | 1 | 20 |
| 12000E 19350N | 5 | 22 | 16 | 77 | .2 | 11 | 4 | 148 | 4.16 | 43 | 5 | ND | 1 | 16 | 1.1 | 2 | 2 | 55 | .03 | .095 | 18 | 23 | .12 | 125 | .01 | 2 | 1.13 | .01 | .05 | 1 | 30 |
| 12000E 19400N | 4 | 22 | 17 | 84 | .2 | 15 | 4 | 166 | 3.96 | 53 | 5 | ND | 1 | 16 | .4 | 2 | 2 | 58 | .05 | .081 | 19 | 25 | .13 | 117 | .01 | 2 | 1.04 | .01 | .05 | 1 | 20 |
| STANDARD C | 18 | 62 | 44 | 132 | 7.1 | 73 | 31 | 1054 | 3.97 | 44 | 17 | 7 | 38 | 53 | 18.5 | 15 | 22 | 56 | .51 | .095 | 38 | 61 | .89 | 183 | .07 | 33 | 1.89 | .06 | .13 | 11 | 1500 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12000E 19450N | 3 | 13 | 19 | 34 | .5 | 4 | 3 | 63 | 1.83 | 13 | 5 | ND | 1 | 9 | .3 | 2 | 2 | 23 | .05 | .055 | 8 | 12 | .10 | 80 | .02 | 5 | .96 | .03 | .03 | 1 | 50 |
| 12000E 19500N | 10 | 50 | 17 | 196 | .8 | 24 | 7 | 95 | 4.66 | 93 | 5 | ND | 7 | 46 | .8 | 9 | 3 | 58 | .11 | .149 | 24 | 22 | .21 | 305 | .01 | 4 | .91 | .01 | .06 | 2 | 40 |
| 12000E 19550N | 6 | 134 | 25 | 104 | .9 | 35 | 12 | 190 | 10.98 | 889 | 5 | ND | 7 | 83 | 1.0 | 9 | 12 | 65 | .31 | .455 | 17 | 34 | .36 | 692 | .04 | 6 | 2.76 | .03 | .20 | 2 | 20 |
| 12000E 19600N | 3 | 57 | 8 | 98 | .3 | 29 | 6 | 110 | 3.57 | 207 | 5 | ND | 1 | 26 | 1.0 | 3 | 2 | 34 | .10 | .103 | 12 | 20 | .29 | 323 | .03 | 2 | 1.80 | .02 | .06 | 1 | 60 |
| 12000E 19650N | 7 | 41 | 11 | 93 | .9 | 23 | 5 | 55 | 4.39 | 330 | 5 | ND | 1 | 33 | 1.0 | 6 | 2 | 30 | .03 | .113 | 12 | 14 | .14 | 97 | .01 | 3 | 1.62 | .02 | .04 | 1 | 40 |
| 12000E 19700N | 10 | 58 | 21 | 144 | .1 | 35 | 7 | 122 | 6.64 | 265 | 5 | ND | 4 | 49 | .6 | 4 | 8 | 38 | .05 | .107 | 16 | 14 | .24 | 104 | .03 | 2 | 2.12 | .02 | .05 | 2 | 10 |
| 12000E 19750N | 6 | 30 | 14 | 63 | .3 | 30 | 3 | 48 | 2.57 | 60 | 5 | ND | 1 | 25 | .2 | 2 | 4 | 20 | .04 | .053 | 11 | 9 | .18 | 69 | .02 | 5 | 1.70 | .04 | .04 | 1 | 20 |
| 12000E 19950N | 24 | 109 | 22 | 300 | .4 | 81 | 11 | 138 | 10.87 | 443 | 7 | ND | 10 | 87 | .9 | 13 | 8 | 88 | .04 | .199 | 12 | 20 | .47 | 186 | .04 | 2 | 4.15 | .01 | .09 | 1 | 20 |
| 12000E 20050N | 17 | 104 | 22 | 263 | .6 | 70 | 12 | 118 | 11.94 | 557 | 5 | ND | 9 | 60 | 1.3 | 16 | 3 | 91 | .02 | .217 | 12 | 21 | .46 | 208 | .03 | 2 | 4.14 | .01 | .11 | 1 | 20 |
| 12000E 20100N | 16 | 94 | 17 | 123 | .2 | 37 | 9 | 157 | 8.62 | 765 | 5 | ND | 9 | 29 | 1.1 | 13 | 10 | 47 | .03 | .180 | 19 | 19 | .25 | 143 | .03 | 2 | 2.29 | .02 | .05 | 1 | 30 |
| 12000E 20150N | 5 | 51 | 25 | 134 | .1 | 38 | 9 | 165 | 4.94 | 344 | 5 | ND | 3 | 26 | .7 | 5 | 2 | 34 | .06 | .095 | 15 | 19 | .26 | 153 | .03 | 5 | 1.94 | .01 | .05 | 1 | 30 |
| 12000E 20200N | 8 | 91 | 15 | 89 | .3 | 31 | 7 | 136 | 6.85 | 964 | 5 | ND | 10 | 51 | .8 | 9 | 2 | 46 | .04 | .142 | 29 | 22 | .24 | 263 | .03 | 4 | 1.88 | .01 | .05 | 1 | 20 |
| 12000E 20250N | 7 | 77 | 16 | 57 | .2 | 28 | 7 | 80 | 5.42 | 1226 | 5 | ND | 10 | 40 | .3 | 6 | 4 | 26 | .02 | .126 | 31 | 16 | .15 | 406 | .01 | 6 | 1.84 | .01 | .06 | 3 | 10 |
| 12400E 19200N | 1 | 7 | 2 | 20 | .1 | 1 | 1 | 24 | .67 | 2 | 5 | ND | 1 | 8 | .2 | 2 | 3 | 13 | .04 | .022 | 3 | 3 | .02 | 28 | .02 | 3 | .48 | .04 | .02 | 1 | 20 |
| 12400E 19250N | 1 | 6 | 2 | 18 | .1 | 1 | 2 | 22 | .54 | 2 | 5 | ND | 1 | 11 | .2 | 2 | 2 | 15 | .06 | .016 | 2 | 2 | .02 | 17 | .02 | 4 | .17 | .05 | .02 | 1 | 10 |
| 12400E 19300N | 3 | 29 | 13 | 68 | .2 | 16 | 8 | 262 | 4.41 | 31 | 5 | ND | 2 | 15 | 1.5 | 3 | 2 | 45 | .09 | .077 | 10 | 37 | .58 | 182 | .10 | 3 | 2.23 | .02 | .19 | 2 | 70 |
| 12400E 19350N | 2 | 22 | 17 | 67 | .2 | 11 | 6 | 210 | 3.42 | 26 | 5 | ND | 1 | 15 | 1.0 | 2 | 5 | 45 | .10 | .041 | 10 | 25 | .44 | 143 | .12 | 5 | 2.00 | .02 | .11 | 1 | 30 |
| 12400E 19400N | 2 | 24 | 12 | 77 | .2 | 14 | 7 | 158 | 4.40 | 45 | 5 | ND | 2 | 19 | .6 | 2 | 4 | 50 | .07 | .057 | 13 | 29 | .38 | 210 | .09 | 3 | 2.80 | .01 | .08 | 2 | 60 |
| 12400E 19450N | 7 | 22 | 12 | 68 | .2 | 9 | 3 | 40 | 3.13 | 161 | 5 | ND | 1 | 22 | .3 | 6 | 4 | 55 | .02 | .067 | 17 | 13 | .08 | 105 | .01 | 3 | .78 | .01 | .04 | 1 | 10 |
| 12400E 19500N | 1 | 8 | 9 | 28 | .2 | 6 | 2 | 26 | 1.10 | 32 | 5 | ND | 1 | 10 | .3 | 2 | 2 | 19 | .03 | .028 | 4 | 6 | .05 | 38 | .02 | 3 | .36 | .03 | .03 | 1 | 20 |
| 12400E 19550N | 3 | 25 | 14 | 96 | .3 | 20 | 8 | 202 | 2.97 | 69 | 5 | ND | 1 | 25 | .9 | 3 | 3 | 37 | .15 | .089 | 17 | 21 | .36 | 255 | .02 | 4 | 1.54 | .02 | .09 | 1 | 30 |
| 12400E 19600N | 9 | 60 | 22 | 141 | .5 | 41 | 9 | 140 | 5.89 | 284 | 5 | ND | 2 | 51 | .8 | 8 | 2 | 43 | .06 | .102 | 18 | 19 | .33 | 241 | .03 | 4 | 2.16 | .02 | .08 | 1 | 40 |
| 12400E 19750N | 1 | 8 | 2 | 27 | .3 | 5 | 1 | 21 | .68 | 46 | 5 | ND | 1 | 11 | .2 | 2 | 2 | 10 | .05 | .038 | 2 | 2 | .03 | 27 | .01 | 2 | .40 | .04 | .02 | 1 | 30 |
| 12400E 19800N | 8 | 55 | 24 | 142 | .6 | 35 | 6 | 117 | 5.97 | 1246 | 5 | ND | 3 | 61 | .7 | 9 | 4 | 28 | .09 | .105 | 11 | 12 | .28 | 114 | .01 | 6 | 2.44 | .02 | .06 | 1 | 20 |
| 12400E 19850N | 10 | 72 | 27 | 145 | .2 | 38 | 8 | 150 | 8.44 | 2057 | 5 | ND | 6 | 69 | 1.7 | 10 | 9 | 34 | .04 | .139 | 15 | 16 | .36 | 154 | .02 | 5 | 2.83 | .01 | .08 | 1 | 10 |
| 12400E 19900N | 14 | 94 | 19 | 185 | .2 | 64 | 10 | 152 | 10.51 | 468 | 5 | ND | 9 | 77 | 1.2 | 7 | 2 | 42 | .03 | .158 | 17 | 19 | .41 | 167 | .03 | 2 | 3.37 | .01 | .09 | 1 | 40 |
| 12400E 19950N | 17 | 103 | 29 | 193 | .1 | 51 | 11 | 118 | 14.19 | 525 | 5 | ND | 11 | 84 | 1.0 | 8 | 3 | 41 | .06 | .185 | 12 | 20 | .46 | 138 | .02 | 3 | 3.91 | .01 | .08 | 1 | 30 |
| 12400E 20050N | 10 | 101 | 23 | 84 | .2 | 28 | 7 | 86 | 7.81 | 1633 | 5 | ND | 13 | 55 | 1.0 | 15 | 3 | 40 | .06 | .217 | 26 | 24 | .38 | 618 | .02 | 4 | 2.42 | .01 | .11 | 1 | 30 |
| 12400E 20100N | 5 | 147 | 28 | 105 | 1.0 | 23 | 12 | 160 | 18.99 | 1206 | 5 | ND | 6 | 72 | 1.9 | 9 | 2 | 69 | .04 | .415 | 10 | 44 | .39 | 206 | .06 | 2 | 3.07 | .04 | .33 | 2 | 40 |
| 12400E 20150N | 12 | 248 | 71 | 72 | .2 | 14 | 9 | 48 | 18.88 | 3778 | 5 | ND | 10 | 61 | 1.2 | 23 | 13 | 61 | .01 | .303 | 14 | 29 | .15 | 263 | .03 | 2 | 1.48 | .02 | .14 | 1 | 50 |
| 12400E 20200N | 10 | 163 | 107 | 79 | .6 | 13 | 9 | 75 | 14.05 | 3040 | 5 | ND | 6 | 74 | .8 | 30 | 13 | 59 | .03 | .315 | 14 | 26 | .25 | 270 | .03 | 5 | 1.71 | .02 | .14 | 1 | 60 |
| 12400E 20250N | 9 | 165 | 24 | 86 | .2 | 13 | 11 | 67 | 20.90 | 1625 | 5 | ND | 8 | 60 | 1.4 | 14 | 3 | 92 | .01 | .370 | 12 | 43 | .28 | 227 | .04 | 2 | 2.29 | .02 | .17 | 1 | 30 |
| 12400E 20300N | 10 | 75 | 17 | 87 | .1 | 24 | 7 | 152 | 6.24 | 724 | 5 | ND | 1 | 72 | .3 | 8 | 6 | 74 | .06 | .205 | 19 | 38 | .32 | 413 | .02 | 3 | 2.18 | .02 | .12 | 1 | 30 |
| 12400E 20350N | 26 | 87 | 9 | 87 | .5 | 14 | 4 | 69 | 5.45 | 465 | 5 | ND | 3 | 90 | .3 | 22 | 2 | 115 | .07 | .157 | 18 | 23 | .23 | 574 | .03 | 5 | 1.88 | .03 | .14 | 1 | 40 |
| 12400E 20400N | 24 | 168 | 16 | 173 | 1.3 | 40 | 10 | 119 | 12.16 | 784 | 5 | ND | 5 | 177 | 2.0 | 6 | 6 | 74 | .24 | .774 | 13 | 26 | .32 | 457 | .02 | 6 | 4.01 | .03 | .14 | 1 | 20 |
| 12400E 20450N | 3 | 147 | 21 | 86 | .6 | 37 | 12 | 166 | 10.02 | 1061 | 5 | ND | 6 | 107 | .9 | 12 | 7 | 51 | .05 | .220 | 14 | 25 | .24 | 204 | .04 | 2 | 2.78 | .06 | .32 | 1 | 5 |
| STANDARD C | 19 | 58 | 39 | 132 | 6.6 | 73 | 32 | 1051 | 4.00 | 43 | 16 | 7 | 37 | 53 | 18.3 | 15 | 21 | 55 | .52 | .096 | 37 | 57 | .89 | 180 | .07 | 38 | 1.88 | .06 | .14 | 11 | 1500 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12400E 20500N | 2 | 131 | 26 | 117 | 1.0 | 52 | 18 | 479 | 8.36 | 465 | 5 | ND | 3 | 77 | .8 | 4 | 2 | 52 | .07 | .205 | 15 | 21 | .30 | 766 | .04 | 5 | 3.25 | .03 | .24 | 1 | 50 |
| 12400E 20550N | 3 | 155 | 38 | 126 | 1.0 | 38 | 13 | 194 | 11.93 | 1113 | 5 | ND | 6 | 106 | .2 | 8 | 2 | 56 | .03 | .210 | 13 | 24 | .27 | 239 | .04 | 4 | 3.97 | .07 | .35 | 1 | 10 |
| 12400E 20600N | 2 | 181 | 21 | 121 | .9 | 54 | 16 | 173 | 12.47 | 840 | 5 | ND | 6 | 70 | .8 | 2 | 10 | 78 | .03 | .221 | 16 | 130 | 1.17 | 434 | .14 | 2 | 4.88 | .04 | .58 | 1 | 20 |
| 12400E 20650N | 3 | 111 | 21 | 125 | 1.2 | 35 | 13 | 158 | 17.15 | 938 | 5 | ND | 6 | 85 | .9 | 8 | 2 | 62 | .06 | .361 | 13 | 28 | .28 | 392 | .04 | 2 | 3.57 | .04 | .25 | 1 | 40 |
| 12400E 20700N | 4 | 131 | 28 | 120 | 1.1 | 27 | 12 | 190 | 13.82 | 707 | 5 | ND | 6 | 93 | 1.0 | 6 | 8 | 74 | .07 | .399 | 17 | 34 | .35 | 502 | .05 | 6 | 2.88 | .04 | .22 | 1 | 30 |
| 12400E 20750N | 3 | 137 | 33 | 90 | 1.3 | 49 | 9 | 89 | 14.26 | 348 | 5 | ND | 6 | 115 | .9 | 2 | 2 | 63 | .02 | .177 | 12 | 25 | .32 | 456 | .03 | 3 | 4.27 | .05 | .19 | 1 | 10 |
| 12400E 20800N | 3 | 120 | 26 | 76 | 1.5 | 32 | 8 | 112 | 11.24 | 326 | 5 | ND | 8 | 79 | .9 | 2 | 2 | 55 | .02 | .155 | 19 | 26 | .31 | 545 | .03 | 2 | 3.27 | .04 | .22 | 1 | 20 |
| 12400E 20850N | 3 | 172 | 39 | 96 | 1.0 | 42 | 9 | 63 | 14.60 | 270 | 5 | ND | 8 | 137 | 1.4 | 3 | 2 | 80 | .01 | .187 | 16 | 32 | .29 | 464 | .02 | 10 | 4.17 | .03 | .18 | 1 | 20 |
| 12400E 20950N | 2 | 89 | 30 | 52 | .6 | 16 | 6 | 105 | 6.53 | 296 | 7 | ND | 11 | 50 | .2 | 4 | 3 | 44 | .06 | .179 | 15 | 16 | .22 | 386 | .01 | 6 | 1.89 | .02 | .11 | 1 | 40 |
| 12400E 21000N | 3 | 165 | 37 | 79 | 1.0 | 20 | 10 | 130 | 13.20 | 375 | 5 | ND | 7 | 57 | .2 | 2 | 2 | 48 | .09 | .379 | 16 | 23 | .31 | 650 | .03 | 8 | 1.99 | .03 | .17 | 1 | 10 |
| 12600E 19200N | 1 | 14 | 20 | 83 | .1 | 14 | 8 | 350 | 3.57 | 34 | 5 | ND | 5 | 13 | .9 | 3 | 2 | 39 | .12 | .063 | 18 | 24 | .42 | 155 | .13 | 5 | 2.36 | .01 | .12 | 2 | 30 |
| 12600E 19250N | 1 | 15 | 15 | 74 | .1 | 14 | 7 | 218 | 2.63 | 38 | 5 | ND | 2 | 12 | 1.1 | 2 | 2 | 37 | .06 | .018 | 12 | 20 | .50 | 116 | .13 | 2 | 1.61 | .01 | .16 | 1 | 5 |
| 12600E 19300N | 2 | 15 | 13 | 48 | .1 | 8 | 3 | 83 | 1.67 | 44 | 5 | ND | 1 | 13 | .6 | 3 | 2 | 31 | .05 | .037 | 11 | 12 | .14 | 81 | .05 | 2 | .80 | .01 | .06 | 2 | 10 |
| 12600E 19350N | 2 | 15 | 13 | 44 | .1 | 9 | 3 | 99 | 1.84 | 34 | 5 | ND | 1 | 27 | .2 | 2 | 2 | 36 | .14 | .056 | 11 | 12 | .17 | 180 | .06 | 2 | 1.10 | .02 | .08 | 2 | 5 |
| 12600E 19400N | 1 | 14 | 2 | 27 | .2 | 2 | 1 | 81 | .63 | 2 | 5 | ND | 1 | 11 | .4 | 2 | 2 | 10 | .05 | .028 | 4 | 3 | .02 | 46 | .02 | 3 | .78 | .03 | .01 | 1 | 20 |
| 12600E 19450N | 1 | 5 | 3 | 13 | .1 | 4 | 1 | 16 | .43 | 2 | 5 | ND | 1 | 9 | .2 | 2 | 2 | 11 | .05 | .012 | 2 | 2 | .02 | 36 | .02 | 2 | .23 | .03 | .02 | 1 | 5 |
| 12600E 19500N | 2 | 15 | 13 | 40 | .1 | 6 | 3 | 78 | 2.18 | 34 | 5 | ND | 1 | 13 | .2 | 2 | 2 | 52 | .07 | .034 | 12 | 13 | .13 | 101 | .06 | 4 | .93 | .01 | .06 | 1 | 10 |
| 12600E 19550N | 3 | 31 | 25 | 60 | .1 | 13 | 5 | 138 | 3.62 | 158 | 5 | ND | 2 | 17 | .3 | 2 | 2 | 50 | .06 | .040 | 13 | 21 | .22 | 142 | .08 | 2 | 1.90 | .01 | .06 | 3 | 30 |
| 12600E 19600N | 1 | 10 | 2 | 20 | .1 | 4 | 1 | 16 | .52 | 14 | 5 | ND | 1 | 9 | .2 | 2 | 3 | 14 | .03 | .029 | 5 | 5 | .03 | 39 | .01 | 2 | .36 | .02 | .02 | 1 | 5 |
| 12600E 19650N | 2 | 20 | 9 | 33 | .4 | 7 | 3 | 33 | 1.31 | 47 | 5 | ND | 1 | 13 | .3 | 2 | 3 | 21 | .05 | .068 | 15 | 8 | .07 | 228 | .01 | 2 | .79 | .02 | .03 | 1 | 40 |
| 12600E 19700N | 3 | 28 | 20 | 64 | .2 | 10 | 5 | 142 | 3.78 | 128 | 5 | ND | 1 | 26 | .2 | 2 | 8 | 53 | .09 | .079 | 12 | 20 | .23 | 201 | .03 | 4 | 1.63 | .01 | .07 | 1 | 20 |
| 12600E 19750N | 1 | 9 | 2 | 13 | .3 | 2 | 1 | 36 | .56 | 4 | 5 | ND | 1 | 11 | .2 | 2 | 5 | 12 | .06 | .023 | 2 | 4 | .03 | 35 | .03 | 2 | .62 | .04 | .02 | 1 | 10 |
| 12600E 19800N | 3 | 25 | 19 | 68 | .4 | 11 | 3 | 46 | 2.94 | 961 | 8 | ND | 1 | 20 | .4 | 5 | 4 | 30 | .02 | .070 | 9 | 11 | .15 | 69 | .01 | 2 | 1.15 | .01 | .03 | 1 | 30 |
| 12600E 20050N | 10 | 126 | 30 | 119 | .8 | 31 | 10 | 177 | 8.84 | 586 | 5 | ND | 7 | 61 | 1.6 | 9 | 2 | 58 | .04 | .164 | 19 | 22 | .30 | 287 | .03 | 7 | 2.65 | .02 | .12 | 1 | 10 |
| 12600E 20150N | 2 | 255 | 38 | 151 | .3 | 31 | 11 | 90 | 12.60 | 1182 | 5 | ND | 10 | 57 | 2.0 | 23 | 6 | 86 | .01 | .137 | 11 | 192 | 1.40 | 507 | .14 | 2 | 4.05 | .01 | .63 | 1 | 30 |
| 12600E 20200N | 8 | 242 | 23 | 101 | .2 | 15 | 8 | 59 | 16.74 | 1113 | 5 | ND | 11 | 134 | 1.0 | 12 | 5 | 77 | .01 | .281 | 17 | 33 | .45 | 309 | .03 | 2 | 2.98 | .03 | .30 | 1 | 10 |
| 12600E 20250N | 19 | 141 | 20 | 158 | .4 | 39 | 9 | 181 | 10.59 | 527 | 7 | ND | 4 | 142 | .5 | 9 | 2 | 110 | .04 | .226 | 17 | 34 | .44 | 532 | .04 | 4 | 3.36 | .02 | .22 | 4 | 20 |
| 12600E 20300N | 8 | 69 | 22 | 105 | 1.7 | 30 | 7 | 280 | 3.94 | 455 | 7 | ND | 2 | 92 | .5 | 4 | 2 | 52 | .60 | .456 | 13 | 26 | .24 | 625 | .03 | 2 | 2.07 | .03 | .11 | 1 | 20 |
| 12600E 20350N | 3 | 50 | 9 | 72 | .4 | 12 | 6 | 178 | 4.11 | 133 | 5 | ND | 1 | 41 | .2 | 3 | 2 | 30 | .05 | .133 | 7 | 13 | .09 | 426 | .01 | 2 | 1.17 | .03 | .08 | 1 | 30 |
| 12600E 20400N | 4 | 165 | 15 | 119 | .3 | 31 | 10 | 125 | 10.67 | 377 | 5 | ND | 2 | 56 | .8 | 2 | 2 | 49 | .07 | .241 | 10 | 20 | .24 | 393 | .03 | 2 | 2.18 | .02 | .11 | 1 | 40 |
| 12600E 20500N | 2 | 129 | 23 | 90 | .6 | 28 | 10 | 131 | 10.07 | 353 | 5 | ND | 5 | 79 | .8 | 3 | 4 | 50 | .08 | .214 | 13 | 23 | .26 | 722 | .04 | 5 | 2.50 | .04 | .20 | 1 | 20 |
| 12600E 20550N | 4 | 141 | 23 | 112 | .6 | 22 | 9 | 78 | 9.55 | 895 | 5 | ND | 4 | 63 | .6 | 7 | 8 | 70 | .04 | .190 | 17 | 22 | .21 | 503 | .02 | 2 | 2.30 | .04 | .19 | 1 | 20 |
| 12600E 20600N | 2 | 146 | 32 | 117 | 1.4 | 55 | 13 | 125 | 14.77 | 602 | 5 | ND | 7 | 78 | 1.0 | 7 | 2 | 80 | .02 | .256 | 14 | 53 | .50 | 429 | .06 | 5 | 3.83 | .03 | .32 | 1 | 10 |
| 12600E 20650N | 3 | 109 | 26 | 146 | .9 | 36 | 12 | 132 | 9.77 | 284 | 5 | ND | 7 | 58 | .5 | 9 | 16 | 46 | .03 | .172 | 19 | 19 | .35 | 990 | .01 | 2 | 3.69 | .02 | .16 | 1 | 5 |
| 12600E 20685N | 3 | 117 | 26 | 140 | .5 | 36 | 10 | 143 | 9.02 | 243 | 5 | ND | 6 | 82 | .4 | 2 | 6 | 50 | .03 | .193 | 21 | 23 | .32 | 579 | .01 | 2 | 3.38 | .01 | .13 | 1 | 10 |
| 12600E 20750N | 3 | 165 | 27 | 86 | .6 | 51 | 9 | 65 | 10.23 | 397 | 5 | ND | 6 | 93 | .2 | 5 | 2 | 46 | .05 | .164 | 15 | 19 | .25 | 662 | .01 | 4 | 4.16 | .02 | .16 | 1 | 5 |
| STANDARD C | 20 | 63 | 45 | 134 | 7.1 | 70 | 32 | 1053 | 3.97 | 37 | 20 | 7 | 39 | 50 | 18.5 | 15 | 21 | 57 | .59 | .099 | 39 | 60 | .90 | 181 | .08 | 38 | 1.89 | .06 | .14 | 11 | 1400 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600E 20800N | 2 | 157 | 29 | 77 | .8 | 53 | 8 | 60 | 13.35 | 291 | 5 | ND | 5 | 72 | .2 | 11 | 2 | 60 | .01 | .183 | 15 | 21 | .25 | 450 | .02 | 3 | 3.94 | .02 | .16 | 1 | 20 |
| 12600E 20850N | 2 | 85 | 47 | 57 | .2 | 11 | 5 | 55 | 4.88 | 303 | 5 | ND | 8 | 91 | .5 | 9 | 3 | 16 | .06 | .082 | 9 | 6 | .13 | 191 | .01 | 2 | 1.79 | .03 | .09 | 1 | 20 |
| 12800E 19200N | 1 | 16 | 7 | 37 | .3 | 7 | 2 | 42 | 1.24 | 27 | 5 | ND | 1 | 11 | 1.1 | 2 | 2 | 21 | .03 | .031 | 12 | 7 | .09 | 104 | .02 | 2 | .76 | .02 | .05 | 1 | 10 |
| 12800E 19250N | 1 | 4 | 2 | 18 | .1 | 2 | 1 | 24 | .64 | 7 | 5 | ND | 1 | 10 | .8 | 2 | 2 | 14 | .05 | .015 | 3 | 3 | .05 | 48 | .02 | 2 | .47 | .05 | .03 | 1 | 5 |
| 12800E 19300N | 1 | 2 | 2 | 17 | .1 | 1 | 1 | 20 | .41 | 2 | 5 | ND | 1 | 12 | .4 | 2 | 8 | 9 | .05 | .023 | 2 | 1 | .02 | 26 | .02 | 2 | .45 | .05 | .03 | 1 | 10 |
| 12800E 19350N | 1 | 7 | 4 | 29 | .3 | 3 | 2 | 45 | .91 | 14 | 5 | ND | 1 | 9 | .7 | 2 | 2 | 13 | .03 | .023 | 6 | 5 | .09 | 53 | .03 | 2 | .75 | .04 | .04 | 3 | 20 |
| 12800E 19400N | 1 | 6 | 7 | 30 | .7 | 1 | 1 | 6 | .55 | 7 | 5 | ND | 1 | 7 | .9 | 2 | 2 | 6 | .02 | .105 | 3 | 3 | .02 | 54 | .01 | 2 | .42 | .03 | .03 | 1 | 60 |
| 12800E 19450N | 3 | 23 | 8 | 48 | .8 | 8 | 3 | 58 | 2.70 | 87 | 5 | ND | 1 | 21 | .8 | 2 | 2 | 43 | .04 | .057 | 12 | 12 | .12 | 138 | .04 | 3 | .90 | .02 | .05 | 3 | 30 |
| 12800E 19500N | 4 | 9 | 9 | 66 | .1 | 8 | 5 | 192 | 3.06 | 29 | 9 | ND | 1 | 16 | .8 | 2 | 2 | 37 | .11 | .072 | 7 | 15 | .25 | 145 | .08 | 2 | 1.15 | .02 | .17 | 5 | 60 |
| 12800E 19550N | 2 | 9 | 9 | 47 | .2 | 7 | 4 | 144 | 1.67 | 22 | 5 | ND | 1 | 15 | .5 | 2 | 2 | 29 | .08 | .032 | 8 | 16 | .35 | 107 | .07 | 2 | 1.20 | .03 | .09 | 2 | 30 |
| 12800E 19600N | 1 | 33 | 3 | 22 | 1.0 | 5 | 2 | 24 | .60 | 8 | 5 | ND | 1 | 10 | 1.4 | 2 | 2 | 12 | .04 | .034 | 3 | 4 | .05 | 39 | .01 | 3 | .48 | .04 | .03 | 3 | 20 |
| 12800E 19650N | 1 | 60 | 5 | 58 | .3 | 11 | 5 | 155 | 1.73 | 16 | 5 | ND | 1 | 14 | 1.7 | 2 | 2 | 27 | .07 | .041 | 11 | 17 | .39 | 93 | .06 | 2 | 1.57 | .02 | .12 | 2 | 30 |
| 12800E 19750N | 4 | 43 | 22 | 49 | .3 | 9 | 5 | 42 | 5.61 | 493 | 5 | ND | 1 | 37 | .2 | 3 | 2 | 47 | .02 | .120 | 10 | 13 | .07 | 373 | .01 | 2 | 1.11 | .03 | .07 | 1 | 20 |
| 12800E 19800N | 2 | 7 | 11 | 50 | .1 | 8 | 5 | 169 | 2.17 | 25 | 5 | ND | 2 | 28 | 1.3 | 2 | 2 | 36 | .18 | .026 | 9 | 17 | .32 | 122 | .10 | 2 | 1.54 | .02 | .09 | 5 | 20 |
| 12800E 19850N | 1 | 7 | 12 | 35 | .2 | 5 | 4 | 98 | 1.66 | 18 | 5 | ND | 1 | 18 | .7 | 2 | 2 | 29 | .13 | .040 | 10 | 11 | .19 | 84 | .07 | 4 | 1.33 | .04 | .07 | 2 | 40 |
| 12800E 19900N | 2 | 45 | 7 | 36 | .8 | 9 | 4 | 31 | 3.61 | 213 | 5 | ND | 2 | 29 | 1.0 | 4 | 2 | 34 | .05 | .069 | 8 | 25 | .16 | 116 | .04 | 4 | 1.37 | .04 | .06 | 2 | 30 |
| 12800E 20050N | 8 | 179 | 23 | 74 | .2 | 9 | 8 | 36 | 12.95 | 1146 | 6 | ND | 11 | 67 | .6 | 18 | 2 | 56 | .01 | .210 | 24 | 33 | .30 | 314 | .02 | 5 | 2.13 | .02 | .16 | 1 | 30 |
| 12800E 20100N | 6 | 173 | 23 | 58 | .1 | 12 | 7 | 34 | 10.99 | 1270 | 5 | ND | 12 | 46 | .9 | 30 | 2 | 57 | .01 | .177 | 22 | 27 | .30 | 318 | .02 | 4 | 2.54 | .02 | .18 | 1 | 20 |
| 12800E 20150N | 8 | 100 | 40 | 67 | .3 | 14 | 6 | 45 | 8.02 | 613 | 5 | ND | 12 | 99 | .2 | 12 | 3 | 52 | .01 | .149 | 27 | 25 | .24 | 460 | .01 | 5 | 1.88 | .02 | .15 | 1 | 20 |
| 12800E 20200N | 22 | 82 | 21 | 136 | 1.2 | 36 | 8 | 97 | 7.39 | 343 | 5 | ND | 6 | 221 | 1.3 | 13 | 2 | 101 | .13 | .305 | 23 | 30 | .35 | 606 | .01 | 2 | 3.00 | .02 | .19 | 1 | 30 |
| 12800E 20250N | 24 | 65 | 8 | 137 | 2.3 | 26 | 5 | 90 | 5.11 | 259 | 5 | ND | 7 | 199 | 1.4 | 10 | 2 | 137 | .60 | .574 | 19 | 33 | .39 | 632 | .01 | 2 | 3.18 | .02 | .19 | 1 | 10 |
| 12800E 20300N | 34 | 80 | 30 | 191 | 3.0 | 32 | 5 | 94 | 6.53 | 519 | 5 | ND | 7 | 312 | 1.4 | 15 | 2 | 154 | .76 | .676 | 19 | 33 | .39 | 605 | .01 | 4 | 3.24 | .02 | .19 | 1 | 20 |
| 12800E 20350N | 31 | 80 | 36 | 171 | 3.2 | 25 | 6 | 132 | 7.00 | 288 | 6 | ND | 4 | 289 | 1.7 | 11 | 2 | 126 | .34 | .497 | 19 | 34 | .38 | 703 | .01 | 2 | 3.03 | .02 | .16 | 1 | 20 |
| 12800E 20400N | 8 | 76 | 22 | 202 | 1.9 | 37 | 9 | 157 | 6.75 | 184 | 5 | ND | 5 | 253 | 1.3 | 5 | 4 | 65 | 1.32 | .763 | 19 | 32 | .43 | 600 | .01 | 5 | 2.95 | .02 | .17 | 1 | 10 |
| 12800E 20450N | 10 | 44 | 9 | 117 | 1.3 | 21 | 6 | 87 | 5.44 | 164 | 5 | ND | 1 | 166 | .5 | 3 | 2 | 82 | .08 | .248 | 13 | 24 | .23 | 826 | .01 | 2 | 1.94 | .02 | .11 | 1 | 30 |
| 12800E 20500N | 18 | 44 | 22 | 122 | 2.7 | 19 | 6 | 137 | 5.34 | 125 | 5 | ND | 3 | 231 | 1.1 | 5 | 2 | 169 | .53 | .730 | 14 | 36 | .21 | 794 | .02 | 3 | 2.37 | .02 | .12 | 1 | 30 |
| 12800E 20550N | 3 | 70 | 28 | 116 | .5 | 28 | 10 | 177 | 6.77 | 160 | 5 | ND | 7 | 59 | .6 | 2 | 2 | 51 | .04 | .141 | 24 | 25 | .35 | 1319 | .01 | 2 | 2.63 | .02 | .14 | 1 | 10 |
| 12800E 20600N | 3 | 95 | 20 | 107 | .9 | 37 | 11 | 146 | 9.48 | 300 | 5 | ND | 7 | 72 | .2 | 9 | 13 | 52 | .07 | .187 | 18 | 28 | .35 | 737 | .02 | 6 | 2.99 | .02 | .19 | 1 | 10 |
| 12800E 20650N | 1 | 6 | 5 | 25 | .2 | 2 | 1 | 28 | 1.06 | 11 | 5 | ND | 1 | 15 | .9 | 2 | 2 | 17 | .07 | .043 | 2 | 4 | .04 | 84 | .02 | 5 | .49 | .04 | .03 | 1 | 20 |
| 12800E 20700N | 3 | 92 | 31 | 102 | .8 | 21 | 10 | 457 | 9.59 | 185 | 5 | ND | 3 | 72 | .8 | 6 | 4 | 59 | .11 | .287 | 19 | 26 | .23 | 451 | .03 | 2 | 1.79 | .02 | .12 | 1 | 30 |
| 12800E 20750N | 2 | 40 | 24 | 57 | .5 | 8 | 5 | 119 | 5.08 | 121 | 5 | ND | 1 | 42 | .2 | 2 | 2 | 37 | .04 | .159 | 10 | 19 | .12 | 258 | .01 | 2 | 1.27 | .03 | .06 | 2 | 30 |
| 12800E 20800N | 2 | 42 | 24 | 70 | .7 | 10 | 5 | 49 | 5.35 | 136 | 5 | ND | 1 | 49 | .4 | 2 | 3 | 39 | .03 | .186 | 12 | 17 | .12 | 332 | .01 | 6 | 1.22 | .02 | .07 | 1 | 40 |
| 12800E 20850N | 3 | 55 | 20 | 84 | 1.0 | 7 | 6 | 44 | 7.63 | 111 | 5 | ND | 2 | 56 | .4 | 6 | 2 | 42 | .07 | .337 | 10 | 25 | .07 | 230 | .01 | 2 | .99 | .01 | .07 | 1 | 90 |
| 12800E 20900N | 3 | 54 | 22 | 79 | 1.1 | 12 | 8 | 136 | 5.73 | 78 | 5 | ND | 3 | 46 | .8 | 2 | 2 | 49 | .06 | .157 | 17 | 25 | .24 | 512 | .01 | 4 | 1.69 | .02 | .10 | 2 | 20 |
| 12800E 20950N | 3 | 81 | 30 | 111 | .8 | 33 | 11 | 196 | 7.20 | 123 | 5 | ND | 6 | 72 | .7 | 3 | 2 | 40 | .06 | .158 | 17 | 19 | .34 | 416 | .02 | 3 | 2.02 | .03 | .12 | 2 | 20 |
| 12800E 21000N | 2 | 59 | 9 | 121 | .3 | 67 | 29 | 273 | 3.06 | 58 | 5 | ND | 7 | 236 | 1.4 | 2 | 2 | 26 | .29 | .096 | 17 | 13 | .32 | 1353 | .02 | 3 | 2.40 | .03 | .13 | 1 | 30 |
| STANDARD C | 19 | 58 | 42 | 130 | 7.2 | 73 | 32 | 1051 | 3.98 | 39 | 19 | 7 | 38 | 53 | 18.5 | 15 | 22 | 56 | .52 | .095 | 37 | 59 | .89 | 182 | .07 | 35 | 1.88 | .06 | .14 | 11 | 1300 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13000E 19200N | 1 | 1 | 2 | 19 | .5 | 2 | 1 | 35 | .46 | 2 | 5 | ND | 1 | 7 | .2 | 2 | 4 | 12 | .04 | .023 | 2 | 1 | .02 | 16 | .01 | 4 | .15 | .03 | .02 | 1 | 20 |
| 13000E 19250N | 6 | 39 | 23 | 112 | .8 | 19 | 6 | 185 | 10.13 | 151 | 5 | ND | 11 | 27 | .4 | 5 | 2 | 38 | .09 | .113 | 18 | 24 | .39 | 408 | .06 | 7 | 1.63 | .02 | .17 | 1 | 30 |
| 13000E 19300N | 4 | 21 | 17 | 117 | .2 | 20 | 6 | 243 | 6.21 | 107 | 5 | ND | 11 | 13 | .7 | 2 | 4 | 39 | .03 | .085 | 15 | 24 | .48 | 185 | .11 | 2 | 2.51 | .01 | .24 | 1 | 40 |
| 13000E 19350N | 1 | 9 | 2 | 4 | .5 | 2 | 1 | 4 | .41 | 6 | 5 | ND | 1 | 6 | .6 | 2 | 2 | 9 | .02 | .020 | 3 | 1 | .02 | 20 | .01 | 2 | .34 | .03 | .02 | 1 | 20 |
| 13000E 19400N | 3 | 66 | 16 | 133 | 1.6 | 18 | 3 | 173 | 8.60 | 711 | 5 | ND | 1 | 50 | .7 | 9 | 2 | 45 | .09 | .326 | 11 | 19 | .17 | 623 | .03 | 2 | 1.34 | .02 | .17 | 1 | 90 |
| 13000E 19450N | 3 | 48 | 23 | 112 | .2 | 27 | 11 | 290 | 3.82 | 180 | 5 | ND | 15 | 23 | .7 | 4 | 5 | 40 | .13 | .098 | 20 | 26 | .59 | 431 | .12 | 2 | 3.13 | .01 | .33 | 3 | 30 |
| 13000E 19500N | 1 | 5 | 2 | 44 | 1.4 | 4 | 1 | 21 | .33 | 13 | 5 | ND | 1 | 10 | .7 | 2 | 4 | 8 | .04 | .038 | 2 | 2 | .03 | 103 | .01 | 4 | .20 | .03 | .03 | 1 | 40 |
| 13000E 19550N | 2 | 24 | 9 | 44 | .5 | 11 | 2 | 26 | 2.48 | 311 | 5 | ND | 1 | 25 | .5 | 2 | 2 | 28 | .01 | .075 | 9 | 7 | .06 | 318 | .02 | 6 | .68 | .03 | .07 | 1 | 20 |
| 13000E 19600N | 3 | 34 | 10 | 85 | 1.0 | 14 | 3 | 40 | 3.03 | 285 | 5 | ND | 1 | 39 | .4 | 6 | 9 | 28 | .07 | .138 | 7 | 11 | .05 | 602 | .02 | 2 | .79 | .01 | .06 | 1 | 150 |
| 13000E 19650N | 4 | 47 | 21 | 44 | .8 | 13 | 3 | 42 | 4.00 | 438 | 5 | ND | 1 | 37 | .8 | 2 | 9 | 33 | .04 | .116 | 11 | 16 | .14 | 641 | .02 | 2 | 1.20 | .02 | .09 | 2 | 50 |
| 13000E 19700N | 3 | 42 | 17 | 85 | .5 | 20 | 7 | 264 | 4.56 | 245 | 5 | ND | 6 | 22 | .5 | 3 | 2 | 40 | .09 | .100 | 18 | 24 | .49 | 375 | .10 | 6 | 2.43 | .02 | .28 | 1 | 40 |
| 13000E 19750N | 2 | 41 | 7 | 71 | .6 | 17 | 6 | 131 | 4.84 | 113 | 5 | ND | 2 | 19 | 1.2 | 2 | 4 | 32 | .04 | .069 | 11 | 19 | .35 | 147 | .09 | 2 | 1.98 | .01 | .18 | 1 | 50 |
| 13000E 19800N | 2 | 231 | 6 | 40 | 1.9 | 25 | 2 | 37 | 1.29 | 13 | 13 | ND | 1 | 15 | .6 | 2 | 2 | 8 | .06 | .192 | 21 | 4 | .05 | 50 | .01 | 5 | 1.17 | .01 | .06 | 1 | 110 |
| 13000E 19850N | 1 | 13 | 2 | 23 | .7 | 4 | 1 | 30 | .55 | 6 | 5 | ND | 1 | 8 | .3 | 2 | 8 | 11 | .05 | .032 | 2 | 1 | .02 | 20 | .02 | 4 | .16 | .02 | .03 | 1 | 40 |
| 13000E 19950N | 1 | 4 | 2 | 17 | .5 | 3 | 1 | 19 | .33 | 2 | 5 | ND | 1 | 12 | .4 | 2 | 6 | 9 | .06 | .033 | 2 | 2 | .03 | 33 | .01 | 3 | .20 | .03 | .03 | 1 | 20 |
| 13000E 20100N | 21 | 53 | 18 | 144 | 3.1 | 30 | 3 | 93 | 4.20 | 209 | 5 | ND | 1 | 200 | .9 | 5 | 2 | 138 | .64 | .500 | 15 | 28 | .31 | 964 | .01 | 3 | 2.66 | .02 | .12 | 1 | 40 |
| 13000E 20150N | 18 | 25 | 8 | 140 | 2.8 | 14 | 2 | 274 | 1.67 | 59 | 11 | ND | 1 | 84 | 1.0 | 3 | 3 | 41 | .17 | .232 | 6 | 11 | .09 | 469 | .01 | 6 | .93 | .02 | .09 | 1 | 110 |
| 13000E 20200N | 27 | 51 | 23 | 163 | 2.8 | 22 | 3 | 184 | 5.17 | 291 | 6 | ND | 1 | 257 | .4 | 8 | 2 | 136 | .23 | .393 | 15 | 27 | .23 | 778 | .01 | 2 | 1.83 | .02 | .16 | 1 | 40 |
| 13000E 20250N | 10 | 73 | 24 | 144 | 1.5 | 30 | 6 | 197 | 6.69 | 272 | 7 | ND | 2 | 123 | .4 | 6 | 2 | 79 | .30 | .327 | 20 | 29 | .39 | 1044 | .01 | 4 | 2.31 | .02 | .16 | 1 | 30 |
| 13000E 20300N | 1 | 4 | 2 | 17 | .3 | 3 | 1 | 11 | .64 | 17 | 5 | ND | 1 | 11 | .2 | 2 | 2 | 14 | .03 | .032 | 3 | 2 | .02 | 76 | .01 | 5 | .25 | .03 | .02 | 1 | 20 |
| 13000E 20350N | 1 | 8 | 2 | 19 | .1 | 4 | 1 | 32 | .82 | 16 | 5 | ND | 1 | 13 | .2 | 2 | 4 | 15 | .03 | .041 | 4 | 3 | .03 | 90 | .01 | 2 | .37 | .02 | .04 | 1 | 30 |
| 13000E 20400N | 1 | 9 | 2 | 14 | .3 | 4 | 2 | 54 | 1.19 | 23 | 5 | ND | 1 | 11 | .3 | 2 | 2 | 21 | .05 | .046 | 4 | 4 | .04 | 70 | .02 | 2 | 1.00 | .02 | .03 | 1 | 40 |
| 13000E 20450N | 1 | 10 | 2 | 16 | .5 | 5 | 2 | 19 | 1.20 | 40 | 5 | ND | 1 | 15 | .2 | 2 | 2 | 20 | .03 | .041 | 4 | 3 | .03 | 93 | .01 | 5 | .73 | .03 | .02 | 1 | 30 |
| 13000E 20550N | 2 | 8 | 6 | 34 | .1 | 5 | 1 | 47 | 1.26 | 17 | 5 | ND | 1 | 11 | .2 | 2 | 5 | 31 | .03 | .038 | 8 | 7 | .04 | 98 | .01 | 3 | .65 | .02 | .04 | 1 | 20 |
| 13000E 20600N | 1 | 3 | 2 | 12 | .2 | 2 | 1 | 23 | .46 | 2 | 5 | ND | 1 | 8 | .3 | 2 | 4 | 12 | .05 | .030 | 2 | 1 | .01 | 66 | .01 | 9 | .20 | .03 | .02 | 1 | 20 |
| 13000E 20650N | 1 | 13 | 3 | 34 | 1.1 | 5 | 2 | 62 | 1.36 | 18 | 5 | ND | 1 | 10 | .2 | 2 | 2 | 17 | .05 | .063 | 5 | 5 | .05 | 239 | .01 | 7 | .85 | .03 | .03 | 1 | 30 |
| 13000E 20700N | 2 | 34 | 12 | 73 | .6 | 10 | 4 | 473 | 3.05 | 58 | 5 | ND | 1 | 27 | .4 | 2 | 2 | 28 | .09 | .140 | 6 | 9 | .11 | 218 | .01 | 3 | 1.05 | .02 | .07 | 1 | 70 |
| 13000E 20750N | 2 | 83 | 26 | 97 | .4 | 17 | 6 | 223 | 7.90 | 129 | 6 | ND | 1 | 37 | .2 | 3 | 2 | 46 | .02 | .151 | 14 | 23 | .26 | 322 | .01 | 2 | 1.75 | .01 | .08 | 1 | 40 |
| 13000E 20800N | 1 | 28 | 17 | 40 | .4 | 7 | 2 | 68 | 2.51 | 32 | 5 | ND | 1 | 16 | .2 | 2 | 5 | 26 | .03 | .094 | 7 | 7 | .05 | 130 | .01 | 3 | 1.01 | .02 | .04 | 1 | 30 |
| 13000E 20850N | 2 | 85 | 33 | 85 | .9 | 24 | 4 | 145 | 6.60 | 66 | 5 | ND | 2 | 36 | .4 | 2 | 3 | 52 | .04 | .131 | 14 | 30 | .30 | 731 | .04 | 4 | 2.11 | .02 | .10 | 1 | 60 |
| 13000E 20900N | 1 | 44 | 8 | 62 | .4 | 8 | 4 | 148 | 3.82 | 45 | 5 | ND | 1 | 22 | .4 | 2 | 2 | 25 | .08 | .120 | 9 | 11 | .12 | 206 | .02 | 2 | 1.17 | .03 | .05 | 1 | 50 |
| 13000E 20950N | 1 | 48 | 16 | 58 | .4 | 12 | 4 | 111 | 3.90 | 50 | 5 | ND | 1 | 27 | .2 | 2 | 4 | 35 | .05 | .098 | 15 | 14 | .18 | 336 | .01 | 2 | 1.39 | .02 | .06 | 1 | 20 |
| 13000E 21000N | 1 | 63 | 20 | 89 | .5 | 17 | 6 | 96 | 5.46 | 72 | 6 | ND | 4 | 28 | .2 | 2 | 3 | 35 | .02 | .094 | 15 | 15 | .18 | 470 | .01 | 2 | 1.28 | .01 | .06 | 1 | 10 |
| 13200E 19200N | 6 | 46 | 23 | 111 | .6 | 23 | 5 | 144 | 5.88 | 198 | 5 | ND | 5 | 33 | .7 | 6 | 5 | 46 | .12 | .116 | 26 | 23 | .43 | 403 | .05 | 2 | 1.87 | .01 | .16 | 1 | 50 |
| 13200E 19250N | 5 | 53 | 17 | 57 | .9 | 17 | 3 | 96 | 1.68 | 73 | 8 | ND | 1 | 19 | .6 | 2 | 2 | 40 | .05 | .065 | 27 | 19 | .32 | 165 | .05 | 2 | 2.06 | .01 | .11 | 2 | 30 |
| 13200E 19300N | 5 | 38 | 18 | 112 | .5 | 21 | 6 | 162 | 5.09 | 162 | 5 | ND | 10 | 33 | .6 | 5 | 2 | 41 | .16 | .112 | 29 | 19 | .44 | 455 | .07 | 8 | 1.71 | .02 | .19 | 1 | 40 |
| STANDARD C | 19 | 60 | 40 | 131 | 7.2 | 69 | 31 | 1051 | 3.99 | 41 | 15 | 7 | 40 | 51 | 18.4 | 15 | 21 | 58 | .50 | .100 | 39 | 61 | .89 | 180 | .08 | 34 | 1.88 | .06 | .13 | 11 | 1400 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13200E 19400N | 6 | 23 | 10 | 62 | .2 | 14 | 6 | 93 | 4.78 | 124 | 5 | ND | 1 | 26 | .2 | 2 | 2 | 50 | .09 | .143 | 15 | 16 | .18 | 189 | .02 | 4 | .99 | .01 | .09 | 3 | 40 |
| 13200E 19450N | 1 | 1 | 2 | 12 | .4 | 3 | 1 | 17 | .46 | 4 | 5 | ND | 1 | 9 | .2 | 2 | 5 | 9 | .05 | .020 | 2 | 2 | .02 | 26 | .01 | 2 | .35 | .05 | .02 | 1 | 10 |
| 13200E 19500N | 3 | 15 | 3 | 43 | .2 | 9 | 5 | 46 | 2.22 | 38 | 5 | ND | 1 | 14 | .2 | 2 | 2 | 22 | .05 | .050 | 9 | 9 | .13 | 91 | .02 | 3 | 1.05 | .03 | .05 | 3 | 10 |
| 13200E 19550N | 1 | 5 | 3 | 478 | .1 | 21 | 2 | 13 | .29 | 3 | 5 | ND | 1 | 18 | 5.1 | 2 | 4 | 3 | .12 | .077 | 2 | 3 | .03 | 101 | .01 | 3 | .87 | .04 | .02 | 1 | 20 |
| 13200E 19650N | 1 | 320 | 4 | 607 | .3 | 57 | 5 | 25 | .28 | 12 | 10 | ND | 2 | 13 | 17.7 | 2 | 2 | 8 | .07 | .172 | 23 | 6 | .07 | 75 | .02 | 6 | 2.86 | .01 | .04 | 1 | 40 |
| 13200E 19700N | 1 | 99 | 10 | 64 | 1.3 | 16 | 9 | 144 | 4.87 | 26 | 5 | ND | 4 | 10 | .6 | 2 | 2 | 33 | .06 | .066 | 17 | 20 | .41 | 73 | .11 | 7 | 2.59 | .02 | .18 | 2 | 60 |
| 13200E 19750N | 1 | 116 | 2 | 73 | 1.2 | 31 | 6 | 71 | 2.83 | 16 | 5 | ND | 1 | 17 | .4 | 2 | 6 | 17 | .06 | .100 | 19 | 10 | .16 | 72 | .04 | 5 | 1.47 | .01 | .09 | 2 | 70 |
| 13200E 19800N | 1 | 278 | 2 | 43 | .6 | 24 | 3 | 42 | 1.01 | 12 | 7 | ND | 1 | 12 | .9 | 2 | 2 | 13 | .05 | .092 | 37 | 7 | .10 | 55 | .04 | 2 | 2.06 | .02 | .06 | 2 | 70 |
| 13200E 19850N | 1 | 26 | 3 | 34 | .8 | 9 | 2 | 41 | .98 | 13 | 5 | ND | 1 | 12 | .6 | 2 | 2 | 14 | .05 | .046 | 5 | 8 | .07 | 55 | .02 | 2 | .66 | .02 | .04 | 1 | 30 |
| 13200E 19900N | 19 | 64 | 18 | 120 | 1.0 | 33 | 7 | 47 | 6.04 | 266 | 5 | ND | 2 | 177 | .7 | 6 | 2 | 95 | .06 | .264 | 19 | 24 | .21 | 574 | .01 | 3 | 2.13 | .02 | .13 | 1 | 30 |
| 13200E 19950N | 4 | 19 | 23 | 106 | .8 | 32 | 20 | 440 | 2.71 | 62 | 5 | ND | 1 | 43 | .3 | 2 | 6 | 41 | .21 | .115 | 21 | 19 | .47 | 368 | .06 | 4 | 2.26 | .01 | .23 | 5 | 20 |
| 13200E 20050N | 1 | 9 | 12 | 35 | .2 | 8 | 7 | 112 | .87 | 11 | 5 | ND | 1 | 14 | .7 | 2 | 2 | 18 | .07 | .040 | 4 | 6 | .13 | 156 | .02 | 3 | .64 | .03 | .06 | 1 | 5 |
| 13200E 20100N | 2 | 9 | 2 | 33 | .7 | 6 | 2 | 37 | 1.05 | 25 | 5 | ND | 1 | 26 | .3 | 2 | 2 | 20 | .06 | .068 | 3 | 5 | .04 | 175 | .01 | 2 | .36 | .03 | .04 | 1 | 10 |
| 13200E 20150N | 2 | 12 | 9 | 52 | .5 | 9 | 5 | 154 | 2.12 | 36 | 5 | ND | 2 | 31 | .5 | 2 | 2 | 33 | .21 | .066 | 18 | 15 | .33 | 309 | .07 | 6 | 1.88 | .02 | .15 | 3 | 40 |
| 13200E 20200N | 1 | 3 | 6 | 27 | .2 | 4 | 3 | 77 | 1.01 | 9 | 5 | ND | 1 | 10 | .2 | 2 | 2 | 22 | .07 | .020 | 4 | 8 | .15 | 60 | .06 | 2 | .71 | .03 | .07 | 3 | 5 |
| 13200E 20250N | 1 | 6 | 5 | 44 | .1 | 5 | 5 | 116 | 1.37 | 17 | 6 | ND | 1 | 17 | .5 | 2 | 9 | 31 | .10 | .023 | 9 | 13 | .21 | 113 | .09 | 4 | .95 | .02 | .09 | 4 | 20 |
| 13200E 20300N | 1 | 14 | 7 | 34 | .7 | 6 | 5 | 89 | 1.60 | 32 | 5 | ND | 1 | 16 | .4 | 2 | 2 | 26 | .04 | .065 | 9 | 7 | .07 | 124 | .02 | 2 | .99 | .02 | .04 | 2 | 40 |
| 13200E 20350N | 3 | 79 | 19 | 121 | .5 | 42 | 19 | 347 | 6.09 | 202 | 7 | ND | 7 | 66 | 1.1 | 2 | 6 | 56 | .30 | .125 | 23 | 29 | .55 | 1297 | .07 | 4 | 2.95 | .02 | .23 | 3 | 20 |
| 13200E 20400N | 4 | 78 | 25 | 78 | 1.3 | 30 | 8 | 105 | 7.18 | 228 | 5 | ND | 2 | 53 | .4 | 3 | 2 | 64 | .04 | .186 | 18 | 22 | .15 | 468 | .02 | 5 | 2.15 | .02 | .11 | 1 | 50 |
| 13200E 20450N | 5 | 37 | 16 | 112 | .7 | 20 | 8 | 226 | 4.43 | 87 | 5 | ND | 1 | 44 | .2 | 2 | 2 | 70 | .12 | .171 | 14 | 28 | .33 | 450 | .02 | 3 | 2.38 | .01 | .09 | 1 | 40 |
| 13200E 20500N | 4 | 27 | 14 | 56 | .9 | 12 | 6 | 235 | 3.15 | 52 | 5 | ND | 1 | 34 | .2 | 2 | 2 | 52 | .10 | .144 | 10 | 16 | .13 | 271 | .01 | 4 | 1.41 | .02 | .05 | 1 | 20 |
| 13200E 20550N | 1 | 8 | 5 | 19 | .4 | 2 | 2 | 36 | .85 | 8 | 5 | ND | 1 | 12 | .2 | 2 | 3 | 13 | .05 | .068 | 2 | 4 | .03 | 266 | .01 | 4 | .45 | .04 | .03 | 1 | 30 |
| 13200E 20600N | 1 | 8 | 3 | 26 | .4 | 3 | 2 | 42 | 1.12 | 20 | 5 | ND | 1 | 12 | .4 | 2 | 5 | 16 | .03 | .055 | 3 | 3 | .02 | 79 | .01 | 2 | .40 | .03 | .03 | 1 | 30 |
| 13200E 20650N | 3 | 167 | 27 | 110 | .4 | 19 | 12 | 196 | 14.39 | 286 | 5 | ND | 6 | 52 | .6 | 2 | 5 | 50 | .03 | .289 | 15 | 23 | .23 | 546 | .01 | 3 | 1.93 | .01 | .08 | 1 | 10 |
| 13200E 20700N | 2 | 131 | 27 | 91 | .4 | 12 | 11 | 190 | 14.58 | 227 | 5 | ND | 3 | 71 | 1.6 | 2 | 5 | 57 | .04 | .255 | 14 | 29 | .16 | 482 | .02 | 8 | 1.57 | .01 | .08 | 1 | 30 |
| 13200E 20800N | 1 | 10 | 2 | 19 | .1 | 4 | 2 | 55 | .95 | 9 | 5 | ND | 1 | 12 | .3 | 2 | 4 | 14 | .08 | .036 | 4 | 5 | .07 | 78 | .02 | 4 | .91 | .04 | .03 | 1 | 10 |
| 13200E 20850N | 22 | 46 | 5 | 124 | 3.5 | 29 | 6 | 284 | 4.44 | 192 | 5 | ND | 1 | 216 | .9 | 5 | 4 | 124 | .64 | .454 | 15 | 29 | .29 | 964 | .01 | 2 | 2.29 | .02 | .14 | 1 | 20 |
| 13200E 20900N | 1 | 1 | 2 | 16 | .1 | 2 | 2 | 49 | .57 | 8 | 5 | ND | 1 | 15 | .2 | 2 | 5 | 14 | .07 | .031 | 2 | 3 | .03 | 38 | .01 | 2 | .37 | .04 | .02 | 1 | 5 |
| 13200E 20950N | 2 | 101 | 17 | 67 | 1.1 | 29 | 6 | 77 | 5.57 | 215 | 5 | ND | 2 | 57 | .2 | 2 | 2 | 43 | .08 | .105 | 16 | 24 | .35 | 823 | .03 | 3 | 2.59 | .03 | .11 | 1 | 10 |
| 13200E 21000N | 2 | 127 | 24 | 115 | .6 | 43 | 15 | 232 | 7.58 | 283 | 5 | ND | 10 | 96 | .7 | 3 | 2 | 59 | .26 | .157 | 22 | 27 | .64 | 1112 | .10 | 8 | 2.89 | .03 | .25 | 1 | 30 |
| 13400E 19200N | 1 | 35 | 13 | 62 | .2 | 28 | 5 | 44 | 1.02 | 25 | 5 | ND | 1 | 25 | .7 | 2 | 2 | 11 | .26 | .063 | 15 | 9 | .19 | 99 | .02 | 4 | 2.05 | .02 | .04 | 1 | 20 |
| 13400E 19250N | 1 | 19 | 6 | 150 | .1 | 55 | 11 | 33 | .55 | 37 | 5 | ND | 1 | 13 | .6 | 2 | 2 | 12 | .10 | .036 | 12 | 7 | .12 | 65 | .02 | 4 | 1.48 | .04 | .04 | 1 | 10 |
| 13400E 19300N | 1 | 3 | 5 | 103 | .1 | 12 | 3 | 10 | .18 | 7 | 5 | ND | 1 | 12 | .2 | 3 | 4 | 5 | .12 | .050 | 5 | 2 | .04 | 29 | .02 | 3 | .91 | .05 | .03 | 1 | 5 |
| 13400E 19350N | 1 | 4 | 2 | 40 | .1 | 7 | 1 | 12 | .10 | 4 | 5 | ND | 1 | 12 | .2 | 2 | 5 | 5 | .09 | .033 | 3 | 1 | .03 | 20 | .02 | 2 | .75 | .06 | .04 | 1 | 5 |
| 13400E 19400N | 1 | 9 | 6 | 23 | .1 | 4 | 2 | 11 | .37 | 8 | 5 | ND | 1 | 12 | .3 | 2 | 2 | 4 | .12 | .042 | 4 | 2 | .04 | 17 | .03 | 2 | .76 | .05 | .02 | 1 | 5 |
| 13400E 19450N | 2 | 25 | 11 | 64 | .1 | 18 | 3 | 65 | 1.39 | 50 | 5 | ND | 1 | 10 | .2 | 3 | 2 | 22 | .09 | .059 | 29 | 15 | .25 | 77 | .03 | 4 | 2.65 | .02 | .07 | 2 | 30 |
| STANDARD C | 19 | 58 | 36 | 131 | 6.9 | 72 | 32 | 1050 | 3.96 | 40 | 21 | 7 | 36 | 52 | 19.0 | 15 | 19 | 55 | .51 | .094 | 37 | 58 | .89 | 179 | .07 | 38 | 1.91 | .06 | .14 | 11 | 1300 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13400E 19500N | 1 | 19 | 3 | 20 | .7 | 3 | 1 | 44 | .44 | 15 | 5 | ND | 1 | 11 | .9 | 2 | 2 | 7 | .16 | .062 | 20 | 3 | .05 | 27 | .02 | 6 | .84 | .04 | .03 | 1 | 40 |
| 13400E 19550N | 1 | 3 | 6 | 23 | .2 | 1 | 2 | 80 | 1.03 | 21 | 6 | ND | 1 | 7 | .5 | 2 | 3 | 16 | .06 | .031 | 9 | 7 | .14 | 34 | .04 | 5 | .65 | .02 | .08 | 3 | 20 |
| 13400E 19600N | 1 | 2 | 2 | 16 | .2 | 2 | 1 | 8 | .29 | 2 | 5 | ND | 1 | 12 | .6 | 2 | 2 | 8 | .10 | .023 | 2 | 2 | .02 | 22 | .02 | 6 | .55 | .05 | .02 | 1 | 10 |
| 13400E 19650N | 11 | 43 | 25 | 266 | .2 | 95 | 57 | 1488 | 5.00 | 377 | 5 | ND | 7 | 57 | .7 | 2 | 2 | 51 | .67 | .101 | 36 | 38 | .75 | 354 | .06 | 4 | 3.27 | .03 | .25 | 2 | 80 |
| 13400E 19850N | 6 | 62 | 17 | 116 | 1.0 | 23 | 7 | 193 | 5.51 | 213 | 5 | ND | 1 | 104 | .2 | 2 | 2 | 64 | .38 | .299 | 21 | 26 | .39 | 718 | .02 | 6 | 1.89 | .02 | .18 | 1 | 40 |
| 13400E 19900N | 1 | 7 | 2 | 12 | 1.0 | 1 | 1 | 16 | .51 | 3 | 5 | ND | 1 | 10 | .7 | 2 | 2 | 12 | .04 | .032 | 3 | 1 | .02 | 91 | .01 | 9 | .34 | .05 | .02 | 1 | 20 |
| 13400E 19950N | 5 | 49 | 14 | 126 | 1.1 | 18 | 3 | 105 | 5.03 | 201 | 5 | ND | 2 | 79 | .2 | 3 | 2 | 59 | .09 | .185 | 15 | 20 | .26 | 592 | .02 | 4 | 1.30 | .02 | .12 | 1 | 40 |
| 13400E 20050N | 1 | 92 | 22 | 99 | .8 | 41 | 12 | 236 | 7.22 | 275 | 5 | ND | 1 | 70 | .2 | 2 | 2 | 52 | .09 | .161 | 21 | 29 | .37 | 891 | .03 | 6 | 2.66 | .02 | .19 | 1 | 30 |
| 13400E 20100N | 1 | 101 | 15 | 105 | .8 | 42 | 11 | 197 | 8.12 | 315 | 5 | ND | 2 | 80 | .2 | 5 | 3 | 51 | .11 | .180 | 20 | 28 | .35 | 856 | .03 | 2 | 2.61 | .02 | .21 | 1 | 30 |
| 13400E 20150N | 1 | 86 | 16 | 92 | 1.1 | 32 | 5 | 129 | 8.23 | 312 | 5 | ND | 2 | 72 | .2 | 3 | 2 | 55 | .08 | .180 | 17 | 21 | .23 | 651 | .02 | 5 | 2.11 | .02 | .16 | 1 | 50 |
| 13400E 20200N | 1 | 56 | 21 | 158 | 1.9 | 44 | 7 | 167 | 5.46 | 185 | 5 | ND | 1 | 91 | 1.2 | 2 | 2 | 48 | .29 | .182 | 20 | 27 | .41 | 847 | .04 | 8 | 2.58 | .02 | .22 | 1 | 40 |
| 13400E 20250N | 1 | 10 | 15 | 76 | .3 | 17 | 4 | 154 | 1.94 | 42 | 5 | ND | 2 | 17 | .4 | 2 | 2 | 33 | .11 | .039 | 13 | 20 | .40 | 126 | .10 | 6 | 1.67 | .03 | .16 | 1 | 30 |
| 13400E 20300N | 1 | 10 | 7 | 74 | .2 | 17 | 4 | 135 | 1.68 | 67 | 5 | ND | 1 | 25 | .6 | 2 | 2 | 25 | .13 | .034 | 10 | 16 | .34 | 107 | .07 | 6 | 1.54 | .03 | .11 | 1 | 10 |
| 13400E 20350N | 1 | 7 | 4 | 39 | .4 | 5 | 2 | 43 | .69 | 19 | 5 | ND | 1 | 12 | .9 | 2 | 5 | 14 | .11 | .065 | 3 | 4 | .04 | 55 | .01 | 6 | .28 | .02 | .05 | 1 | 50 |
| 13400E 20400N | 1 | 6 | 9 | 46 | .1 | 7 | 3 | 141 | 1.79 | 117 | 5 | ND | 1 | 12 | .5 | 2 | 2 | 35 | .08 | .027 | 8 | 15 | .29 | 59 | .12 | 5 | 1.09 | .02 | .09 | 2 | 30 |
| 13400E 20450N | 1 | 3 | 4 | 19 | .3 | 1 | 1 | 25 | .42 | 4 | 5 | ND | 1 | 8 | .8 | 2 | 2 | 14 | .04 | .017 | 8 | 3 | .02 | 29 | .03 | 6 | .27 | .02 | .03 | 1 | 20 |
| 13400E 20500N | 1 | 4 | 3 | 14 | .1 | 1 | 1 | 12 | .36 | 2 | 5 | ND | 1 | 11 | .9 | 2 | 3 | 7 | .05 | .032 | 3 | 2 | .03 | 28 | .01 | 2 | .43 | .04 | .02 | 1 | 20 |
| 13400E 20550N | 1 | 7 | 4 | 25 | .1 | 1 | 1 | 27 | .67 | 5 | 5 | ND | 1 | 15 | 1.0 | 2 | 3 | 14 | .10 | .036 | 7 | 5 | .05 | 45 | .02 | 2 | .54 | .03 | .04 | 1 | 40 |
| 13400E 20600N | 1 | 3 | 2 | 18 | .2 | 1 | 2 | 40 | .53 | 2 | 5 | ND | 1 | 9 | .5 | 2 | 3 | 14 | .05 | .020 | 2 | 4 | .05 | 32 | .02 | 5 | .34 | .03 | .03 | 1 | 10 |
| 13400E 20650N | 1 | 8 | 13 | 59 | .3 | 10 | 8 | 242 | 2.32 | 15 | 5 | ND | 4 | 41 | .5 | 2 | 2 | 36 | .50 | .054 | 23 | 31 | .69 | 199 | .14 | 2 | 2.44 | .03 | .31 | 2 | 30 |
| 13400E 20700N | 1 | 3 | 3 | 18 | .1 | 2 | 2 | 101 | .92 | 5 | 6 | ND | 1 | 10 | .6 | 2 | 2 | 22 | .08 | .023 | 4 | 8 | .14 | 46 | .06 | 3 | .56 | .03 | .06 | 1 | 10 |
| 13400E 20750N | 1 | 12 | 12 | 37 | .1 | 5 | 3 | 100 | 1.60 | 34 | 6 | ND | 1 | 17 | .7 | 2 | 2 | 34 | .07 | .028 | 6 | 12 | .20 | 95 | .07 | 2 | 1.05 | .02 | .07 | 1 | 20 |
| 13400E 20800N | 1 | 8 | 16 | 43 | .2 | 6 | 5 | 186 | 3.36 | 12 | 5 | ND | 2 | 23 | .3 | 2 | 2 | 47 | .16 | .026 | 8 | 25 | .44 | 110 | .16 | 6 | 2.05 | .02 | .13 | 2 | 40 |
| 13400E 20850N | 1 | 10 | 17 | 29 | .1 | 4 | 3 | 116 | 2.25 | 4 | 5 | ND | 1 | 17 | .4 | 2 | 2 | 29 | .12 | .040 | 12 | 21 | .29 | 91 | .08 | 3 | 2.38 | .02 | .09 | 1 | 50 |
| 13400E 20900N | 1 | 15 | 9 | 27 | .1 | 6 | 3 | 96 | 1.68 | 32 | 6 | ND | 1 | 22 | .6 | 2 | 3 | 30 | .18 | .058 | 10 | 12 | .21 | 298 | .05 | 4 | 1.67 | .03 | .07 | 1 | 30 |
| 13400E 20950N | 1 | 9 | 15 | 34 | .1 | 7 | 5 | 163 | 2.27 | 15 | 5 | ND | 1 | 19 | .3 | 2 | 2 | 38 | .15 | .028 | 10 | 23 | .43 | 98 | .12 | 2 | 1.77 | .02 | .14 | 2 | 40 |
| 13400E 21000N | 1 | 6 | 8 | 42 | .1 | 7 | 5 | 177 | 2.53 | 18 | 5 | ND | 1 | 33 | .2 | 2 | 2 | 41 | .19 | .029 | 8 | 28 | .50 | 120 | .11 | 2 | 1.83 | .02 | .10 | 2 | 20 |
| 13600E 19200N | 2 | 14 | 14 | 39 | .6 | 3 | 2 | 66 | 2.03 | 13 | 5 | ND | 1 | 14 | .8 | 3 | 2 | 25 | .03 | .108 | 7 | 11 | .07 | 102 | .01 | 2 | .63 | .03 | .05 | 1 | 40 |
| 13600E 19250N | 3 | 22 | 3 | 39 | .4 | 1 | 1 | 52 | 2.65 | 18 | 5 | ND | 1 | 8 | .2 | 2 | 3 | 34 | .03 | .078 | 12 | 11 | .03 | 73 | .01 | 2 | .56 | .04 | .03 | 1 | 40 |
| 13600E 19300N | 4 | 15 | 10 | 46 | .2 | 6 | 2 | 63 | 2.44 | 21 | 5 | ND | 1 | 13 | .2 | 2 | 2 | 48 | .03 | .064 | 18 | 16 | .08 | 104 | .01 | 4 | 1.02 | .02 | .05 | 1 | 20 |
| 13600E 19350N | 7 | 29 | 45 | 74 | .3 | 4 | 4 | 235 | 6.19 | 45 | 5 | ND | 8 | 10 | .2 | 2 | 2 | 40 | .02 | .139 | 35 | 36 | .54 | 153 | .01 | 3 | 1.53 | .02 | .05 | 1 | 20 |
| 13600E 19400N | 6 | 32 | 21 | 76 | .2 | 10 | 4 | 178 | 4.36 | 49 | 5 | ND | 1 | 20 | .2 | 3 | 4 | 44 | .05 | .105 | 22 | 30 | .43 | 109 | .04 | 2 | 1.47 | .02 | .05 | 1 | 20 |
| 13600E 19450N | 1 | 3 | 2 | 9 | .1 | 2 | 1 | 23 | .51 | 3 | 5 | ND | 1 | 9 | .5 | 2 | 3 | 11 | .04 | .026 | 3 | 3 | .02 | 20 | .01 | 5 | .26 | .05 | .02 | 1 | 10 |
| 13600E 19500N | 6 | 54 | 21 | 139 | 1.7 | 27 | 13 | 522 | 4.64 | 33 | 5 | ND | 1 | 41 | .4 | 4 | 2 | 42 | .11 | .298 | 15 | 27 | .21 | 494 | .01 | 2 | 1.45 | .02 | .09 | 1 | 100 |
| 13600E 19550N | 5 | 33 | 11 | 95 | .7 | 19 | 7 | 246 | 4.48 | 231 | 5 | ND | 1 | 34 | .2 | 5 | 2 | 44 | .12 | .101 | 19 | 24 | .31 | 325 | .03 | 8 | 1.82 | .02 | .13 | 1 | 30 |
| 13600E 19600N | 10 | 62 | 25 | 164 | .6 | 37 | 6 | 253 | 7.88 | 719 | 6 | ND | 1 | 54 | .2 | 15 | 5 | 44 | .03 | .159 | 18 | 19 | .29 | 126 | .02 | 5 | 2.59 | .01 | .06 | 1 | 30 |
| STANDARD C | 18 | 58 | 41 | 134 | 7.1 | 73 | 31 | 1051 | 3.95 | 40 | 20 | 7 | 37 | 53 | 18.6 | 15 | 21 | 55 | .51 | .096 | 39 | 61 | .89 | 182 | .07 | 35 | 1.89 | .06 | .14 | 13 | 1500 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13600E 19650N | 1 | 1 | 2 | 19 | .5 | 4 | 1 | 27 | .38 | 15 | 5 | ND | 1 | 7 | .4 | 2 | 3 | 7 | .04 | .029 | 2 | 5 | .02 | 17 | .01 | 2 | .20 | .03 | .02 | 1 | 10 |
| 13600E 19700N | 14 | 56 | 21 | 151 | .6 | 29 | 7 | 48 | 7.55 | 1266 | 5 | ND | 2 | 62 | .5 | 11 | 8 | 33 | .07 | .135 | 16 | 11 | .13 | 111 | .01 | 2 | 1.68 | .01 | .05 | 1 | 40 |
| 13600E 19750N | 16 | 78 | 22 | 169 | .9 | 48 | 9 | 156 | 8.85 | 261 | 5 | ND | 7 | 50 | 1.1 | 7 | 5 | 29 | .03 | .139 | 23 | 12 | .25 | 132 | .01 | 2 | 2.80 | .01 | .06 | 1 | 30 |
| 13600E 19800N | 17 | 97 | 22 | 233 | .6 | 63 | 11 | 117 | 12.70 | 328 | 5 | ND | 11 | 72 | .6 | 9 | 8 | 53 | .06 | .164 | 18 | 19 | .44 | 167 | .03 | 4 | 3.99 | .01 | .10 | 1 | 10 |
| 13600E 19850N | 19 | 115 | 28 | 262 | .2 | 65 | 13 | 98 | 17.26 | 381 | 5 | ND | 10 | 63 | .9 | 6 | 5 | 60 | .01 | .201 | 12 | 26 | .55 | 151 | .04 | 4 | 5.13 | .01 | .12 | 1 | 20 |
| 13600E 19900N | 25 | 120 | 39 | 301 | .5 | 56 | 14 | 109 | 16.13 | 397 | 7 | ND | 12 | 80 | .6 | 7 | 10 | 53 | .01 | .191 | 11 | 19 | .42 | 162 | .03 | 2 | 4.68 | .01 | .09 | 1 | 10 |
| 13600E 19950N | 29 | 111 | 22 | 296 | .7 | 64 | 11 | 90 | 12.89 | 416 | 5 | ND | 10 | 118 | 1.4 | 9 | 5 | 62 | .01 | .188 | 11 | 16 | .38 | 209 | .03 | 3 | 4.41 | .02 | .10 | 1 | 10 |
| 13600E 20050N | 1 | 6 | 12 | 69 | .3 | 13 | 8 | 309 | 2.18 | 28 | 5 | ND | 12 | 30 | .7 | 2 | 4 | 30 | .42 | .065 | 25 | 21 | .66 | 152 | .14 | 2 | 1.72 | .03 | .35 | 4 | 5 |
| 13600E 20100N | 1 | 8 | 11 | 64 | .1 | 11 | 6 | 251 | 2.08 | 40 | 5 | ND | 4 | 20 | .4 | 2 | 2 | 29 | .20 | .030 | 17 | 20 | .59 | 120 | .13 | 2 | 1.57 | .02 | .28 | 4 | 10 |
| 13600E 20150N | 1 | 17 | 17 | 96 | .3 | 30 | 10 | 334 | 2.52 | 237 | 5 | ND | 4 | 55 | .6 | 2 | 2 | 31 | .52 | .053 | 21 | 21 | .59 | 174 | .11 | 3 | 2.02 | .02 | .21 | 2 | 10 |
| 13600E 20200N | 1 | 9 | 7 | 44 | .3 | 14 | 4 | 143 | 1.72 | 112 | 5 | ND | 2 | 12 | .4 | 2 | 2 | 28 | .08 | .030 | 8 | 13 | .28 | 69 | .10 | 2 | 1.14 | .02 | .11 | 1 | 20 |
| 13600E 20250N | 1 | 7 | 5 | 17 | .1 | 4 | 2 | 63 | .91 | 16 | 5 | ND | 1 | 7 | .4 | 2 | 3 | 15 | .05 | .028 | 10 | 6 | .11 | 34 | .04 | 4 | .95 | .03 | .06 | 1 | 30 |
| 13600E 20300N | 1 | 6 | 2 | 25 | .1 | 5 | 2 | 107 | 1.05 | 16 | 5 | ND | 1 | 9 | .8 | 2 | 5 | 26 | .05 | .022 | 5 | 6 | .08 | 35 | .04 | 3 | .50 | .02 | .05 | 1 | 20 |
| 13600E 20350N | 3 | 29 | 21 | 118 | .5 | 38 | 14 | 481 | 4.01 | 223 | 5 | ND | 2 | 24 | 1.1 | 2 | 3 | 53 | .16 | .057 | 12 | 34 | .85 | 211 | .14 | 2 | 3.29 | .02 | .33 | 2 | 30 |
| 13600E 20400N | 1 | 8 | 4 | 34 | .3 | 6 | 4 | 132 | 1.51 | 16 | 5 | ND | 1 | 15 | .8 | 2 | 2 | 28 | .13 | .027 | 8 | 13 | .29 | 77 | .07 | 2 | 1.10 | .02 | .10 | 3 | 10 |
| 13600E 20450N | 1 | 26 | 6 | 45 | .2 | 22 | 7 | 154 | 1.50 | 65 | 5 | ND | 1 | 21 | .2 | 2 | 3 | 24 | .27 | .065 | 20 | 13 | .23 | 93 | .05 | 2 | 1.69 | .03 | .09 | 1 | 30 |
| 13600E 20500N | 1 | 9 | 9 | 65 | .1 | 12 | 9 | 406 | 2.46 | 18 | 5 | ND | 1 | 36 | 1.0 | 2 | 2 | 37 | .54 | .055 | 23 | 28 | .77 | 211 | .11 | 4 | 2.57 | .03 | .27 | 4 | 40 |
| 13600E 20550N | 1 | 6 | 2 | 29 | .2 | 3 | 3 | 99 | 1.26 | 8 | 5 | ND | 1 | 19 | .7 | 2 | 4 | 25 | .13 | .025 | 7 | 11 | .17 | 66 | .05 | 2 | .93 | .02 | .06 | 1 | 20 |
| 13600E 20600N | 1 | 5 | 6 | 30 | .3 | 7 | 4 | 132 | 1.10 | 7 | 5 | ND | 1 | 15 | 1.1 | 2 | 4 | 22 | .14 | .030 | 10 | 12 | .20 | 89 | .06 | 3 | 1.29 | .02 | .08 | 1 | 20 |
| 13600E 20650N | 1 | 6 | 6 | 17 | .1 | 2 | 2 | 27 | .66 | 4 | 5 | ND | 1 | 7 | .5 | 2 | 7 | 21 | .05 | .019 | 5 | 6 | .04 | 31 | .04 | 3 | .56 | .02 | .02 | 1 | 10 |
| 13600E 20700N | 1 | 7 | 10 | 41 | .1 | 9 | 5 | 143 | 2.46 | 13 | 5 | ND | 2 | 11 | .4 | 2 | 5 | 42 | .07 | .018 | 9 | 16 | .26 | 68 | .10 | 2 | 1.14 | .01 | .07 | 2 | 20 |
| 13600E 20750N | 1 | 5 | 2 | 28 | .1 | 6 | 4 | 102 | 1.17 | 6 | 5 | ND | 1 | 17 | .4 | 2 | 2 | 23 | .17 | .024 | 3 | 11 | .23 | 76 | .07 | 3 | .77 | .02 | .10 | 1 | 30 |
| 13600E 20800N | 1 | 1 | 2 | 10 | .2 | 2 | 1 | 13 | .33 | 2 | 5 | ND | 1 | 9 | .2 | 2 | 2 | 9 | .05 | .016 | 2 | 2 | .02 | 16 | .02 | 2 | .34 | .04 | .02 | 1 | 10 |
| 13600E 20850N | 3 | 75 | 19 | 184 | 1.2 | 63 | 11 | 246 | 5.61 | 274 | 5 | ND | 4 | 60 | .6 | 2 | 6 | 52 | .19 | .102 | 27 | 29 | .57 | 843 | .06 | 2 | 3.70 | .02 | .25 | 1 | 30 |
| 13600E 20900N | 1 | 29 | 7 | 44 | 1.0 | 19 | 3 | 28 | 2.32 | 83 | 5 | ND | 1 | 31 | .2 | 2 | 2 | 21 | .04 | .099 | 9 | 9 | .08 | 422 | .01 | 3 | .95 | .02 | .06 | 1 | 30 |
| 13600E 19250N D | 2 | 27 | 21 | 91 | .4 | 23 | 6 | 169 | 3.28 | 126 | 5 | ND | 11 | 8 | .5 | 2 | 7 | 29 | .04 | .049 | 18 | 21 | .43 | 116 | .06 | 4 | 2.22 | .01 | .17 | 2 | 5 |
| 13600E 19300N D | 1 | 2 | 2 | 14 | .1 | 3 | 2 | 15 | .43 | 5 | 5 | ND | 1 | 8 | .3 | 2 | 2 | 11 | .04 | .014 | 2 | 2 | .02 | 21 | .02 | 3 | .17 | .05 | .03 | 1 | 5 |
| 13600E 19350N D | 1 | 6 | 6 | 32 | .5 | 8 | 3 | 49 | 1.90 | 42 | 5 | ND | 1 | 6 | .5 | 2 | 5 | 19 | .03 | .031 | 8 | 8 | .13 | 42 | .03 | 2 | .92 | .03 | .06 | 1 | 30 |
| 13600E 19400N D | 1 | 13 | 3 | 64 | .3 | 17 | 3 | 75 | 1.13 | 23 | 5 | ND | 1 | 8 | .2 | 2 | 5 | 16 | .07 | .042 | 13 | 15 | .24 | 74 | .03 | 2 | 1.34 | .02 | .07 | 1 | 20 |
| 13600E 19450N D | 4 | 52 | 14 | 96 | .8 | 27 | 4 | 50 | 3.83 | 113 | 5 | ND | 2 | 11 | .8 | 2 | 3 | 18 | .11 | .087 | 34 | 11 | .15 | 51 | .02 | 2 | 2.26 | .02 | .05 | 1 | 60 |
| 13600E 19500N D | 1 | 14 | 7 | 78 | 1.1 | 24 | 4 | 74 | 1.06 | 14 | 5 | ND | 2 | 16 | 1.1 | 2 | 2 | 16 | .11 | .041 | 19 | 14 | .27 | 105 | .03 | 2 | 1.48 | .01 | .09 | 2 | 50 |
| 13600E 19550N D | 1 | 10 | 2 | 11 | .1 | 4 | 2 | 19 | .48 | 2 | 5 | ND | 1 | 6 | .5 | 2 | 3 | 13 | .04 | .016 | 7 | 2 | .03 | 9 | .02 | 2 | .53 | .04 | .02 | 1 | 5 |
| 13600E 19600N D | 1 | 14 | 4 | 31 | .8 | 14 | 2 | 19 | .57 | 3 | 5 | ND | 1 | 8 | .6 | 2 | 4 | 7 | .05 | .083 | 10 | 3 | .03 | 22 | .01 | 2 | .67 | .03 | .03 | 1 | 70 |
| 13600E 19650N D | 1 | 26 | 10 | 241 | .3 | 36 | 10 | 97 | .89 | 52 | 5 | ND | 2 | 10 | 1.3 | 2 | 6 | 17 | .12 | .058 | 26 | 11 | .26 | 82 | .04 | 2 | 2.06 | .03 | .11 | 2 | 20 |
| 13600E 20050N D | 1 | 3 | 7 | 19 | .1 | 6 | 2 | 63 | .93 | 6 | 5 | ND | 2 | 8 | .2 | 2 | 2 | 20 | .07 | .018 | 5 | 6 | .09 | 32 | .06 | 2 | .75 | .04 | .05 | 2 | 10 |
| 13600E 20100N D | 1 | 4 | 5 | 44 | .1 | 9 | 5 | 197 | 1.29 | 10 | 5 | ND | 6 | 28 | .5 | 2 | 3 | 18 | .37 | .057 | 19 | 12 | .38 | 173 | .09 | 4 | .98 | .02 | .21 | 3 | 10 |
| STANDARD C | 19 | 60 | 40 | 132 | 7.1 | 70 | 32 | 1055 | 3.98 | 41 | 15 | 7 | 38 | 53 | 18.4 | 14 | 20 | 56 | .60 | .090 | 38 | 56 | .90 | 180 | .07 | 38 | 1.89 | .06 | .14 | 13 | 1500 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13600E 20150N D | 1 | 8 | 18 | 82 | .3 | 16 | 8 | 327 | 2.33 | 107 | 5 | ND | 8 | 41 | .5 | 2 | 4 | 31 | .43 | .046 | 19 | 23 | .70 | 145 | .15 | 2 | 2.02 | .03 | .25 | 4 | 30 |
| 13600E 20250N D | 2 | 13 | 21 | 90 | .4 | 19 | 11 | 445 | 2.89 | 92 | 5 | ND | 8 | 38 | .2 | 2 | 13 | 39 | .40 | .046 | 23 | 26 | .72 | 135 | .14 | 2 | 2.36 | .02 | .32 | 4 | 20 |
| 13600E 20300N D | 1 | 12 | 20 | 73 | .3 | 15 | 9 | 335 | 2.62 | 127 | 5 | ND | 8 | 22 | .2 | 2 | 4 | 33 | .19 | .037 | 18 | 22 | .58 | 91 | .13 | 2 | 2.01 | .03 | .23 | 6 | 10 |
| 13600E 20350N D | 2 | 12 | 13 | 81 | .4 | 15 | 9 | 367 | 3.06 | 171 | 5 | ND | 6 | 18 | .8 | 3 | 2 | 32 | .18 | .054 | 16 | 22 | .56 | 103 | .11 | 2 | 1.83 | .02 | .24 | 2 | 10 |
| 13600E 20400N D | 2 | 25 | 14 | 113 | .4 | 29 | 18 | 797 | 2.74 | 243 | 5 | ND | 1 | 44 | .8 | 2 | 5 | 31 | .58 | .083 | 12 | 19 | .44 | 164 | .07 | 2 | 1.75 | .03 | .23 | 2 | 50 |
| 13600E 20450N D | 1 | 9 | 14 | 52 | .2 | 17 | 7 | 245 | 2.08 | 79 | 5 | ND | 7 | 11 | .3 | 2 | 4 | 27 | .14 | .037 | 17 | 18 | .48 | 86 | .11 | 5 | 1.42 | .02 | .23 | 3 | 10 |
| 13600E 20500N D | 1 | 7 | 15 | 70 | .3 | 12 | 8 | 349 | 2.35 | 21 | 5 | ND | 8 | 22 | 1.1 | 2 | 5 | 34 | .22 | .047 | 19 | 23 | .63 | 171 | .15 | 3 | 1.76 | .02 | .34 | 3 | 40 |
| 13600E 20550N D | 1 | 2 | 2 | 13 | .2 | 1 | 2 | 27 | .44 | 4 | 5 | ND | 1 | 8 | .6 | 2 | 3 | 12 | .05 | .012 | 2 | 2 | .03 | 15 | .03 | 2 | .18 | .04 | .03 | 1 | 5 |
| 13600E 20600N D | 1 | 3 | 2 | 14 | .1 | 1 | 2 | 12 | .33 | 2 | 5 | ND | 1 | 8 | .2 | 2 | 2 | 9 | .04 | .015 | 2 | 1 | .01 | 16 | .02 | 5 | .18 | .05 | .02 | 1 | 10 |
| 13600E 20650N D | 1 | 5 | 7 | 21 | .3 | 1 | 3 | 75 | 1.11 | 5 | 5 | ND | 1 | 9 | .5 | 2 | 6 | 24 | .07 | .024 | 5 | 7 | .11 | 45 | .08 | 6 | .87 | .04 | .06 | 4 | 30 |
| 13800E 19200N | 4 | 25 | 23 | 60 | .4 | 12 | 4 | 49 | 2.96 | 71 | 5 | ND | 1 | 14 | .2 | 2 | 4 | 47 | .02 | .079 | 21 | 15 | .11 | 109 | .01 | 4 | 1.20 | .01 | .06 | 2 | 30 |
| 13800E 19250N | 4 | 25 | 22 | 78 | .1 | 17 | 7 | 177 | 5.30 | 162 | 5 | ND | 4 | 14 | .4 | 3 | 8 | 56 | .03 | .062 | 21 | 28 | .34 | 132 | .04 | 4 | 1.72 | .01 | .11 | 2 | 20 |
| 13800E 19300N | 1 | 6 | 2 | 17 | .3 | 1 | 1 | 18 | .53 | 6 | 5 | ND | 1 | 12 | .5 | 2 | 2 | 8 | .06 | .029 | 3 | 3 | .03 | 25 | .02 | 2 | .59 | .06 | .02 | 1 | 10 |
| 13800E 19350N | 2 | 19 | 11 | 67 | .2 | 16 | 7 | 183 | 3.02 | 157 | 5 | ND | 6 | 10 | .5 | 2 | 3 | 33 | .07 | .051 | 18 | 22 | .45 | 101 | .06 | 2 | 2.06 | .01 | .17 | 4 | 50 |
| 13800E 19400N | 4 | 13 | 19 | 57 | .2 | 11 | 4 | 107 | 2.76 | 116 | 5 | ND | 2 | 10 | .2 | 2 | 2 | 48 | .03 | .034 | 16 | 16 | .19 | 72 | .04 | 2 | .99 | .01 | .07 | 2 | 30 |
| 13800E 19450N | 1 | 13 | 9 | 46 | .1 | 7 | 4 | 120 | 2.33 | 141 | 5 | ND | 1 | 10 | .7 | 3 | 2 | 30 | .06 | .043 | 14 | 17 | .27 | 73 | .04 | 7 | 1.22 | .02 | .10 | 3 | 20 |
| 13800E 19500N | 2 | 26 | 14 | 58 | .7 | 10 | 7 | 88 | 7.94 | 108 | 5 | ND | 1 | 5 | .6 | 2 | 2 | 31 | .03 | .065 | 9 | 17 | .27 | 45 | .05 | 2 | .92 | .01 | .09 | 2 | 40 |
| 13800E 19550N | 1 | 8 | 5 | 22 | .2 | 1 | 2 | 49 | 1.01 | 28 | 5 | ND | 2 | 9 | .3 | 2 | 6 | 13 | .09 | .042 | 7 | 5 | .09 | 24 | .03 | 2 | .76 | .05 | .05 | 1 | 10 |
| 13800E 19600N | 2 | 13 | 2 | 36 | .2 | 5 | 3 | 44 | 1.34 | 46 | 5 | ND | 1 | 7 | .7 | 2 | 3 | 28 | .03 | .041 | 12 | 7 | .06 | 43 | .02 | 8 | .68 | .03 | .04 | 2 | 20 |
| 13800E 19650N | 2 | 27 | 21 | 87 | .2 | 28 | 24 | 585 | 2.13 | 60 | 5 | ND | 1 | 17 | .8 | 2 | 5 | 23 | .09 | .058 | 13 | 12 | .21 | 59 | .04 | 5 | 1.46 | .03 | .09 | 1 | 20 |
| 13800E 19700N | 1 | 2 | 4 | 12 | .1 | 1 | 1 | 21 | .33 | 3 | 5 | ND | 1 | 10 | .2 | 2 | 2 | 8 | .05 | .014 | 2 | 1 | .02 | 10 | .02 | 13 | .19 | .05 | .02 | 1 | 5 |
| 13800E 19750N | 2 | 13 | 11 | 61 | .1 | 16 | 5 | 92 | 1.93 | 56 | 5 | ND | 1 | 19 | .3 | 2 | 5 | 26 | .15 | .050 | 11 | 11 | .24 | 52 | .04 | 3 | 1.22 | .03 | .08 | 1 | 20 |
| 13800E 19800N | 1 | 8 | 3 | 19 | .2 | 2 | 1 | 25 | .77 | 28 | 5 | ND | 1 | 9 | .2 | 2 | 2 | 18 | .04 | .032 | 6 | 5 | .05 | 18 | .02 | 2 | .34 | .03 | .03 | 1 | 10 |
| 13800E 19850N | 2 | 17 | 19 | 48 | .1 | 10 | 6 | 143 | 3.21 | 175 | 5 | ND | 3 | 6 | .8 | 2 | 4 | 36 | .03 | .062 | 13 | 19 | .25 | 55 | .05 | 5 | 1.32 | .02 | .08 | 2 | 30 |
| 13800E 19900N | 3 | 37 | 23 | 127 | .1 | 47 | 10 | 180 | 4.55 | 358 | 5 | ND | 5 | 30 | .9 | 5 | 2 | 46 | .17 | .070 | 22 | 33 | .72 | 130 | .04 | 2 | 2.46 | .02 | .20 | 9 | 10 |
| 13800E 19950N | 4 | 54 | 24 | 127 | .1 | 46 | 27 | 612 | 5.51 | 402 | 7 | ND | 9 | 26 | .6 | 7 | 8 | 47 | .12 | .073 | 22 | 33 | .68 | 162 | .04 | 3 | 2.61 | .02 | .24 | 9 | 20 |
| 13800E 20050N | 3 | 53 | 16 | 113 | .1 | 39 | 23 | 458 | 5.10 | 487 | 5 | ND | 4 | 18 | .7 | 6 | 6 | 41 | .11 | .089 | 21 | 30 | .54 | 170 | .03 | 2 | 2.20 | .01 | .20 | 4 | 30 |
| 13800E 20100N | 3 | 48 | 29 | 109 | .2 | 41 | 24 | 471 | 5.00 | 455 | 5 | ND | 8 | 18 | .8 | 7 | 2 | 46 | .08 | .066 | 24 | 35 | .61 | 170 | .05 | 2 | 2.45 | .01 | .21 | 4 | 5 |
| 13800E 20150N | 4 | 54 | 17 | 109 | .1 | 40 | 21 | 434 | 5.66 | 542 | 5 | ND | 10 | 19 | 1.0 | 5 | 10 | 47 | .08 | .074 | 24 | 35 | .64 | 169 | .04 | 4 | 2.54 | .01 | .21 | 4 | 5 |
| 13800E 20200N | 2 | 9 | 19 | 64 | .1 | 11 | 10 | 322 | 2.38 | 69 | 6 | ND | 11 | 73 | .9 | 2 | 2 | 33 | .76 | .062 | 29 | 22 | .67 | 254 | .11 | 2 | 2.30 | .04 | .26 | 7 | 10 |
| 13800E 20250N | 2 | 14 | 8 | 68 | .1 | 16 | 12 | 435 | 2.52 | 111 | 8 | ND | 10 | 64 | .7 | 2 | 2 | 33 | .64 | .057 | 27 | 22 | .64 | 284 | .10 | 5 | 2.14 | .04 | .26 | 5 | 5 |
| 13800E 20300N | 1 | 5 | 2 | 23 | .3 | 3 | 1 | 53 | .70 | 10 | 5 | ND | 1 | 14 | .6 | 2 | 2 | 13 | .12 | .019 | 3 | 6 | .12 | 53 | .03 | 2 | .55 | .04 | .07 | 1 | 10 |
| 13800E 20350N | 1 | 9 | 13 | 55 | .2 | 10 | 6 | 196 | 2.02 | 41 | 5 | ND | 3 | 51 | .7 | 2 | 2 | 31 | .46 | .050 | 22 | 23 | .58 | 290 | .10 | 2 | 1.97 | .03 | .26 | 6 | 10 |
| 13800E 20400N | 1 | 15 | 10 | 54 | .1 | 14 | 8 | 292 | 2.31 | 67 | 5 | ND | 20 | 70 | 1.3 | 2 | 8 | 34 | .77 | .061 | 44 | 24 | .64 | 412 | .12 | 2 | 2.06 | .04 | .30 | 3 | 5 |
| 13800E 20450N | 1 | 13 | 14 | 57 | .1 | 14 | 7 | 251 | 2.18 | 62 | 5 | ND | 12 | 61 | .8 | 4 | 7 | 34 | .64 | .046 | 33 | 23 | .64 | 348 | .12 | 4 | 1.99 | .04 | .29 | 4 | 5 |
| 13800E 20500N | 1 | 14 | 13 | 60 | .1 | 12 | 8 | 296 | 2.28 | 54 | 5 | ND | 12 | 53 | 1.0 | 2 | 6 | 34 | .56 | .052 | 32 | 23 | .66 | 383 | .13 | 3 | 1.95 | .04 | .31 | 7 | 5 |
| STANDARD C | 19 | 58 | 40 | 130 | 6.8 | 71 | 32 | 1051 | 3.96 | 40 | 20 | 7 | 37 | 53 | 18.4 | 15 | 21 | 55 | .52 | .096 | 37 | 60 | .89 | 180 | .07 | 37 | 1.88 | .06 | .14 | 11 | 1400 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Au* ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13800E 20550N | 1 | 17 | 13 | 64 | .1 | 16 | 8 | 271 | 2.31 | 56 | 9 | ND | 14 | 55 | .9 | 2 | 6 | 34 | .66 | .044 | 34 | 21 | .67 | 344 | .12 | 6 | 1.96 | .03 | .32 | 9 | 20 |
| 13800E 20600N | 1 | 9 | 14 | 30 | .3 | 3 | 3 | 75 | 1.10 | 17 | 5 | ND | 2 | 17 | .7 | 3 | 6 | 30 | .15 | .015 | 6 | 9 | .20 | 79 | .12 | 7 | .94 | .03 | .07 | 1 | 10 |
| 13800E 20650N | 1 | 7 | 15 | 44 | .4 | 7 | 4 | 147 | 1.42 | 9 | 6 | ND | 2 | 9 | .3 | 2 | 2 | 21 | .06 | .024 | 10 | 8 | .22 | 44 | .06 | 4 | 1.21 | .03 | .10 | 2 | 20 |
| 13800E 20700N | 1 | 5 | 9 | 59 | .3 | 7 | 5 | 202 | 1.60 | 5 | 5 | ND | 3 | 12 | .5 | 3 | 8 | 24 | .11 | .025 | 10 | 13 | .38 | 53 | .10 | 5 | .97 | .02 | .20 | 3 | 10 |
| 13800E 20750N | 1 | 8 | 15 | 57 | .2 | 7 | 7 | 310 | 2.20 | 18 | 5 | ND | 8 | 17 | .5 | 2 | 7 | 29 | .20 | .043 | 20 | 17 | .55 | 84 | .12 | 5 | 1.77 | .02 | .25 | 4 | 10 |
| 13800E 20800N | 1 | 6 | 17 | 53 | .3 | 9 | 6 | 352 | 2.04 | 12 | 5 | ND | 8 | 12 | .5 | 2 | 5 | 28 | .13 | .026 | 14 | 14 | .44 | 79 | .13 | 2 | 1.23 | .02 | .19 | 4 | 10 |
| 13800E 20850N | 1 | 5 | 2 | 13 | .1 | 1 | 1 | 29 | .44 | 2 | 5 | ND | 1 | 5 | .6 | 2 | 2 | 13 | .03 | .010 | 6 | 2 | .04 | 17 | .03 | 3 | .24 | .03 | .03 | 1 | 5 |
| 13800E 20900N | 3 | 17 | 27 | 86 | .2 | 21 | 13 | 851 | 2.74 | 86 | 5 | ND | 2 | 26 | .7 | 3 | 4 | 38 | .39 | .042 | 17 | 15 | .40 | 113 | .09 | 5 | 1.85 | .02 | .15 | 5 | 20 |
| 13800E 20950N | 1 | 2 | 3 | 16 | .1 | 1 | 1 | 27 | .40 | 2 | 5 | ND | 1 | 8 | .4 | 2 | 2 | 9 | .04 | .017 | 2 | 2 | .03 | 19 | .02 | 6 | .26 | .04 | .02 | 1 | 5 |
| 13800E 21000N | 1 | 6 | 18 | 64 | .1 | 9 | 9 | 363 | 2.32 | 24 | 5 | ND | 7 | 18 | .6 | 3 | 10 | 31 | .23 | .061 | 21 | 21 | .63 | 105 | .13 | 4 | 1.92 | .02 | .30 | 10 | 20 |
| 14000E 19200N | 3 | 30 | 16 | 96 | .9 | 21 | 6 | 116 | 4.14 | 118 | 5 | ND | 4 | 14 | .2 | 5 | 2 | 37 | .03 | .063 | 21 | 21 | .40 | 116 | .03 | 3 | 1.54 | .01 | .11 | 1 | 30 |
| 14000E 19250N | 4 | 48 | 16 | 104 | .4 | 29 | 7 | 101 | 4.64 | 96 | 5 | ND | 2 | 14 | .4 | 6 | 6 | 38 | .02 | .078 | 21 | 22 | .38 | 128 | .03 | 8 | 1.67 | .01 | .10 | 1 | 30 |
| 14000E 19300N | 1 | 6 | 6 | 15 | .2 | 1 | 1 | 16 | .59 | 16 | 5 | ND | 1 | 6 | .4 | 2 | 4 | 14 | .02 | .020 | 7 | 3 | .02 | 26 | .01 | 2 | .25 | .02 | .02 | 1 | 5 |
| 14000E 19350N | 1 | 4 | 5 | 21 | 1.9 | 4 | 1 | 9 | .41 | 5 | 5 | ND | 1 | 9 | .6 | 2 | 3 | 7 | .03 | .024 | 2 | 2 | .02 | 32 | .02 | 2 | .30 | .03 | .02 | 1 | 10 |
| 14000E 19400N | 1 | 5 | 12 | 16 | .2 | 3 | 1 | 13 | .63 | 15 | 5 | ND | 1 | 7 | .3 | 2 | 3 | 22 | .02 | .026 | 15 | 5 | .03 | 47 | .02 | 2 | .47 | .01 | .03 | 1 | 5 |
| 14000E 19450N | 8 | 32 | 25 | 130 | .5 | 28 | 9 | 124 | 5.62 | 203 | 5 | ND | 1 | 12 | .2 | 8 | 6 | 53 | .01 | .102 | 22 | 17 | .22 | 94 | .03 | 5 | 1.16 | .01 | .09 | 2 | 20 |
| 14000E 19500N | 1 | 6 | 2 | 18 | .3 | 1 | 2 | 14 | .56 | 11 | 5 | ND | 1 | 7 | .2 | 2 | 2 | 14 | .02 | .019 | 11 | 3 | .02 | 35 | .02 | 2 | .35 | .02 | .02 | 1 | 5 |
| 14000E 19550N | 2 | 16 | 15 | 46 | .1 | 8 | 4 | 132 | 2.70 | 150 | 5 | ND | 1 | 9 | .4 | 2 | 5 | 34 | .04 | .053 | 10 | 14 | .14 | 57 | .04 | 4 | 1.10 | .02 | .05 | 2 | 30 |
| 14000E 19600N | 2 | 21 | 12 | 53 | .2 | 13 | 5 | 132 | 2.57 | 169 | 5 | ND | 1 | 10 | .4 | 3 | 2 | 32 | .03 | .049 | 14 | 17 | .24 | 97 | .03 | 2 | 1.59 | .02 | .09 | 2 | 20 |
| 14000E 19650N | 1 | 13 | 2 | 22 | .4 | 6 | 2 | 43 | .92 | 46 | 5 | ND | 1 | 8 | 1.0 | 3 | 4 | 18 | .03 | .033 | 7 | 5 | .05 | 37 | .03 | 2 | .86 | .03 | .03 | 1 | 10 |
| 14000E 19700N | 2 | 19 | 16 | 53 | .3 | 12 | 6 | 111 | 2.29 | 168 | 5 | ND | 2 | 9 | .7 | 3 | 2 | 29 | .04 | .057 | 15 | 17 | .30 | 85 | .04 | 2 | 1.60 | .02 | .09 | 1 | 30 |
| 14000E 19750N | 1 | 14 | 21 | 54 | .3 | 12 | 6 | 174 | 2.61 | 156 | 5 | ND | 4 | 11 | .8 | 2 | 2 | 34 | .10 | .050 | 18 | 21 | .40 | 92 | .06 | 3 | 1.66 | .02 | .14 | 6 | 30 |
| 14000E 19800N | 2 | 24 | 19 | 70 | .3 | 14 | 7 | 312 | 3.92 | 95 | 5 | ND | 7 | 5 | .2 | 2 | 4 | 26 | .04 | .108 | 11 | 27 | .24 | 62 | .06 | 3 | 3.35 | .01 | .08 | 3 | 100 |
| 14000E 19850N | 2 | 29 | 20 | 60 | .4 | 14 | 9 | 551 | 4.31 | 117 | 5 | ND | 3 | 6 | .4 | 4 | 2 | 34 | .03 | .088 | 11 | 24 | .27 | 64 | .05 | 6 | 2.45 | .01 | .08 | 1 | 70 |
| 14000E 19900N | 2 | 11 | 13 | 26 | .1 | 4 | 4 | 86 | 2.69 | 195 | 5 | ND | 1 | 6 | .2 | 2 | 2 | 55 | .03 | .042 | 10 | 15 | .11 | 41 | .08 | 4 | 1.04 | .01 | .04 | 3 | 20 |
| 14000E 19950N | 1 | 3 | 6 | 7 | .2 | 2 | 1 | 17 | .54 | 23 | 5 | ND | 1 | 6 | .4 | 2 | 4 | 13 | .02 | .018 | 3 | 3 | .02 | 18 | .02 | 2 | .23 | .03 | .02 | 1 | 5 |
| 14000E 20050N | 3 | 36 | 20 | 72 | .3 | 29 | 15 | 339 | 3.97 | 509 | 8 | ND | 5 | 19 | .2 | 4 | 3 | 35 | .09 | .063 | 17 | 23 | .45 | 107 | .04 | 4 | 1.71 | .02 | .17 | 5 | 30 |
| 14000E 20100N | 3 | 47 | 20 | 94 | .2 | 35 | 21 | 440 | 5.54 | 740 | 5 | ND | 9 | 21 | .2 | 5 | 3 | 41 | .10 | .072 | 17 | 29 | .60 | 124 | .04 | 2 | 2.09 | .01 | .19 | 6 | 10 |
| 14000E 20150N | 3 | 35 | 16 | 76 | .1 | 23 | 8 | 164 | 4.63 | 480 | 5 | ND | 4 | 12 | .3 | 4 | 6 | 41 | .03 | .078 | 18 | 26 | .43 | 100 | .03 | 2 | 1.79 | .01 | .13 | 5 | 30 |
| 14000E 20200N | 3 | 29 | 21 | 84 | .3 | 27 | 10 | 264 | 3.92 | 336 | 5 | ND | 4 | 11 | .2 | 6 | 3 | 38 | .05 | .062 | 17 | 26 | .46 | 101 | .05 | 5 | 1.75 | .01 | .17 | 7 | 20 |
| 14000E 20250N | 3 | 35 | 16 | 122 | .2 | 40 | 27 | 624 | 3.96 | 372 | 5 | ND | 7 | 21 | .6 | 3 | 2 | 37 | .14 | .062 | 19 | 26 | .55 | 126 | .07 | 3 | 1.95 | .01 | .24 | 7 | 10 |
| 14000E 20300N | 3 | 46 | 28 | 162 | .2 | 50 | 32 | 723 | 4.36 | 467 | 5 | ND | 9 | 21 | 1.7 | 3 | 3 | 39 | .13 | .067 | 22 | 27 | .58 | 147 | .07 | 4 | 2.14 | .01 | .25 | 6 | 5 |
| 14000E 20350N | 3 | 33 | 11 | 90 | .3 | 40 | 23 | 500 | 3.46 | 348 | 5 | ND | 4 | 14 | .6 | 2 | 5 | 35 | .08 | .054 | 19 | 23 | .49 | 112 | .06 | 3 | 1.78 | .01 | .20 | 4 | 10 |
| 14000E 20400N | 3 | 35 | 19 | 109 | .1 | 45 | 30 | 710 | 3.90 | 394 | 5 | ND | 7 | 18 | .3 | 2 | 2 | 39 | .14 | .061 | 22 | 27 | .61 | 134 | .07 | 3 | 2.09 | .01 | .25 | 4 | 20 |
| 14000E 20450N | 1 | 5 | 16 | 62 | .4 | 12 | 9 | 311 | 2.26 | 29 | 17 | ND | 10 | 63 | .8 | 3 | 2 | 32 | .58 | .057 | 26 | 21 | .71 | 145 | .11 | 4 | 2.18 | .03 | .23 | 5 | 5 |
| 14000E 20500N | 1 | 9 | 8 | 12 | .3 | 2 | 3 | 78 | 2.21 | 21 | 5 | ND | 4 | 5 | .2 | 2 | 5 | 41 | .03 | .024 | 13 | 7 | .07 | 32 | .07 | 5 | .75 | .01 | .04 | 2 | 10 |
| STANDARD C | 19 | 60 | 42 | 129 | 6.7 | 72 | 32 | 1051 | 3.96 | 44 | 19 | 7 | 36 | 53 | 18.4 | 15 | 21 | 55 | .52 | .095 | 37 | 57 | .89 | 179 | .07 | 36 | 1.92 | .06 | .14 | 11 | 1600 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14000E 20550N | 1 | 4 | 6 | 12 | .1 | 1 | 1 | 26 | .36 | 2 | 5 | ND | 1 | 12 | .4 | 2 | 2 | 10 | .07 | .020 | 2 | 4 | .03 | 20 | .03 | 4 | .48 | .04 | .02 | 1 | 20 |
| 14000E 20600N | 1 | 1 | 2 | 8 | .2 | 1 | 1 | 16 | .27 | 2 | 5 | ND | 1 | 10 | .7 | 2 | 2 | 7 | .06 | .036 | 3 | 1 | .02 | 24 | .01 | 2 | .25 | .03 | .02 | 1 | 20 |
| 14000E 20650N | 1 | 4 | 8 | 42 | .1 | 7 | 5 | 205 | 1.59 | 69 | 5 | ND | 5 | 32 | 1.0 | 2 | 4 | 27 | .33 | .061 | 17 | 20 | .49 | 97 | .10 | 2 | 1.46 | .03 | .20 | 6 | 10 |
| 14000E 20700N | 1 | 7 | 15 | 44 | .1 | 14 | 5 | 310 | 1.84 | 96 | 5 | ND | 3 | 25 | .7 | 2 | 2 | 29 | .24 | .051 | 17 | 21 | .44 | 124 | .09 | 2 | 1.68 | .02 | .20 | 4 | 10 |
| 14000E 20750N | 1 | 6 | 10 | 47 | .1 | 13 | 7 | 366 | 1.70 | 90 | 5 | ND | 4 | 27 | 1.5 | 2 | 4 | 26 | .31 | .052 | 16 | 16 | .42 | 113 | .09 | 2 | 1.50 | .02 | .17 | 4 | 20 |
| 14200E 19200N | 3 | 26 | 19 | 81 | .1 | 15 | 4 | 167 | 3.90 | 123 | 5 | ND | 1 | 10 | 1.7 | 2 | 2 | 38 | .03 | .090 | 19 | 17 | .29 | 97 | .02 | 2 | 1.13 | .02 | .08 | 1 | 10 |
| 14200E 19250N | 1 | 9 | 2 | 34 | .3 | 6 | 1 | 33 | .99 | 11 | 5 | ND | 1 | 7 | .5 | 2 | 2 | 19 | .04 | .050 | 5 | 4 | .03 | 38 | .01 | 2 | .31 | .03 | .02 | 1 | 50 |
| 14200E 19300N | 1 | 7 | 2 | 32 | .1 | 4 | 2 | 31 | .88 | 13 | 5 | ND | 1 | 6 | .4 | 2 | 2 | 19 | .03 | .028 | 5 | 2 | .03 | 27 | .01 | 2 | .24 | .03 | .02 | 2 | 10 |
| 14200E 19350N | 1 | 4 | 2 | 22 | .3 | 1 | 1 | 26 | .45 | 2 | 5 | ND | 1 | 8 | .3 | 2 | 2 | 12 | .04 | .027 | 3 | 1 | .02 | 23 | .01 | 4 | .33 | .04 | .02 | 1 | 20 |
| 14200E 19400N | 3 | 19 | 2 | 68 | .2 | 11 | 3 | 96 | 2.74 | 55 | 5 | ND | 1 | 11 | 1.3 | 2 | 2 | 41 | .04 | .063 | 16 | 10 | .13 | 75 | .02 | 2 | .85 | .02 | .04 | 1 | 10 |
| 14200E 19450N | 1 | 8 | 2 | 23 | .5 | 2 | 2 | 22 | .52 | 3 | 5 | ND | 1 | 7 | .7 | 2 | 4 | 12 | .04 | .027 | 4 | 2 | .03 | 19 | .02 | 4 | .50 | .03 | .02 | 1 | 20 |
| 14200E 19500N | 1 | 6 | 2 | 18 | .1 | 3 | 1 | 23 | .53 | 4 | 5 | ND | 1 | 8 | .6 | 2 | 2 | 14 | .03 | .025 | 5 | 3 | .02 | 33 | .01 | 2 | .31 | .03 | .02 | 1 | 10 |
| 14200E 19550N | 1 | 11 | 2 | 26 | .6 | 2 | 2 | 23 | .66 | 2 | 5 | ND | 1 | 8 | .6 | 2 | 2 | 13 | .03 | .049 | 3 | 2 | .03 | 27 | .02 | 3 | .94 | .03 | .02 | 2 | 40 |
| 14200E 19600N | 1 | 2 | 2 | 21 | .1 | 1 | 1 | 25 | .42 | 2 | 5 | ND | 1 | 9 | .4 | 2 | 2 | 11 | .04 | .019 | 2 | 1 | .02 | 13 | .02 | 3 | .25 | .05 | .02 | 1 | 5 |
| 14200E 19650N | 1 | 4 | 2 | 17 | .1 | 4 | 1 | 25 | .48 | 4 | 5 | ND | 1 | 9 | .2 | 2 | 4 | 13 | .04 | .012 | 2 | 1 | .02 | 11 | .03 | 7 | .28 | .05 | .02 | 1 | 10 |
| 14200E 19700N | 1 | 8 | 2 | 36 | .1 | 6 | 2 | 60 | 1.46 | 37 | 5 | ND | 1 | 7 | 1.1 | 2 | 2 | 30 | .03 | .031 | 8 | 8 | .07 | 48 | .03 | 2 | .59 | .03 | .03 | 1 | 5 |
| 14200E 19750N | 1 | 17 | 19 | 76 | .1 | 15 | 7 | 427 | 3.78 | 337 | 5 | ND | 1 | 9 | 1.3 | 2 | 2 | 51 | .05 | .093 | 20 | 30 | .51 | 120 | .07 | 2 | 1.83 | .01 | .22 | 1 | 20 |
| 14200E 19800N | 2 | 9 | 7 | 42 | .1 | 6 | 2 | 63 | 2.13 | 265 | 5 | ND | 1 | 6 | 1.0 | 2 | 2 | 55 | .01 | .035 | 16 | 10 | .10 | 57 | .05 | 2 | .76 | .02 | .06 | 3 | 10 |
| 14200E 19850N | 1 | 1 | 2 | 18 | .2 | 1 | 2 | 21 | .44 | 2 | 5 | ND | 1 | 10 | .2 | 2 | 2 | 13 | .05 | .017 | 2 | 1 | .02 | 10 | .02 | 5 | .18 | .05 | .02 | 1 | 5 |
| 14200E 19900N | 2 | 14 | 12 | 53 | .1 | 13 | 4 | 135 | 2.86 | 255 | 6 | ND | 1 | 8 | 1.2 | 2 | 3 | 42 | .03 | .052 | 13 | 14 | .20 | 75 | .05 | 2 | 1.08 | .02 | .08 | 1 | 20 |
| 14200E 19950N | 1 | 4 | 2 | 19 | .1 | 1 | 1 | 33 | .70 | 39 | 5 | ND | 1 | 5 | .2 | 2 | 2 | 18 | .02 | .022 | 5 | 3 | .04 | 22 | .02 | 3 | .22 | .04 | .03 | 1 | 5 |
| 14200E 20050N | 1 | 6 | 3 | 27 | .1 | 5 | 2 | 46 | .91 | 41 | 5 | ND | 1 | 6 | .5 | 2 | 3 | 17 | .03 | .029 | 4 | 3 | .06 | 22 | .03 | 3 | .51 | .04 | .03 | 2 | 10 |
| 14200E 20100N | 3 | 50 | 26 | 111 | .1 | 42 | 31 | 668 | 5.20 | 687 | 5 | ND | 7 | 21 | 1.0 | 4 | 6 | 42 | .10 | .080 | 21 | 31 | .58 | 138 | .04 | 2 | 2.16 | .01 | .22 | 3 | 20 |
| 14200E 20150N | 1 | 3 | 2 | 24 | .1 | 2 | 2 | 41 | .55 | 18 | 5 | ND | 1 | 5 | .6 | 2 | 2 | 15 | .03 | .021 | 4 | 3 | .05 | 17 | .03 | 4 | .28 | .04 | .04 | 1 | 10 |
| 14200E 20200N | 1 | 7 | 2 | 56 | .1 | 1 | 1 | 23 | .46 | 5 | 5 | ND | 1 | 15 | .2 | 2 | 2 | 7 | .15 | .059 | 2 | 2 | .04 | 70 | .01 | 4 | .24 | .02 | .03 | 1 | 110 |
| 14200E 20250N | 1 | 13 | 4 | 80 | .1 | 28 | 9 | 175 | 1.95 | 104 | 6 | ND | 1 | 19 | 1.8 | 2 | 2 | 27 | .12 | .079 | 19 | 21 | .37 | 113 | .06 | 2 | 1.83 | .03 | .14 | 2 | 50 |
| 14200E 20300N | 1 | 7 | 2 | 71 | 1.4 | 6 | 2 | 279 | .30 | 7 | 5 | ND | 1 | 20 | .5 | 2 | 2 | 3 | .29 | .107 | 2 | 2 | .04 | 87 | .01 | 2 | .15 | .01 | .05 | 1 | 190 |
| 14200E 20350N | 3 | 44 | 12 | 100 | .1 | 25 | 10 | 199 | 4.41 | 644 | 5 | ND | 2 | 19 | 1.1 | 5 | 5 | 41 | .08 | .111 | 21 | 27 | .45 | 120 | .03 | 2 | 1.90 | .01 | .15 | 3 | 20 |
| 14200E 20400N | 2 | 27 | 3 | 66 | .2 | 18 | 5 | 142 | 3.26 | 427 | 5 | ND | 1 | 10 | 1.5 | 2 | 2 | 32 | .04 | .066 | 14 | 19 | .34 | 89 | .02 | 2 | 1.49 | .02 | .10 | 2 | 20 |
| 14200E 20450N | 2 | 24 | 16 | 128 | .2 | 42 | 28 | 889 | 3.30 | 226 | 5 | ND | 5 | 21 | 1.7 | 3 | 2 | 43 | .21 | .072 | 20 | 31 | .70 | 134 | .12 | 2 | 2.94 | .02 | .32 | 1 | 30 |
| 14200E 20500N | 1 | 3 | 2 | 20 | .1 | 1 | 2 | 55 | .47 | 7 | 5 | ND | 1 | 7 | .3 | 2 | 2 | 6 | .07 | .027 | 9 | 4 | .05 | 29 | .02 | 4 | .56 | .03 | .03 | 1 | 5 |
| 14200E 20550N | 2 | 6 | 3 | 72 | .1 | 11 | 6 | 200 | 1.54 | 22 | 14 | ND | 2 | 32 | 1.1 | 2 | 2 | 23 | .24 | .046 | 18 | 14 | .36 | 114 | .06 | 3 | 1.71 | .04 | .13 | 6 | 10 |
| 14200E 20600N | 1 | 8 | 2 | 38 | .1 | 1 | 2 | 45 | 1.02 | 21 | 5 | ND | 1 | 6 | .5 | 2 | 2 | 19 | .03 | .062 | 2 | 2 | .03 | 20 | .02 | 3 | .26 | .03 | .03 | 1 | 50 |
| 14200E 20650N | 1 | 2 | 2 | 16 | .2 | 1 | 1 | 29 | .47 | 3 | 5 | ND | 1 | 7 | .3 | 2 | 2 | 15 | .03 | .009 | 2 | 5 | .02 | 10 | .03 | 2 | .16 | .05 | .02 | 1 | 10 |
| 14200E 20700N | 1 | 2 | 2 | 17 | .1 | 1 | 1 | 24 | .40 | 2 | 5 | ND | 1 | 6 | .3 | 2 | 2 | 14 | .02 | .012 | 6 | 2 | .02 | 16 | .03 | 3 | .22 | .04 | .03 | 1 | 10 |
| 14200E 20750N | 1 | 2 | 2 | 21 | .2 | 1 | 1 | 21 | .36 | 2 | 5 | ND | 7 | 3 | .4 | 2 | 2 | 10 | .01 | .010 | 19 | 2 | .01 | 12 | .03 | 4 | .28 | .01 | .02 | 1 | 20 |
| STANDARD C | 19 | 61 | 40 | 133 | 6.9 | 72 | 32 | 1055 | 3.97 | 39 | 16 | 7 | 37 | 53 | 18.6 | 15 | 21 | 56 | .52 | .097 | 38 | 60 | .91 | 181 | .08 | 34 | 1.89 | .06 | .14 | 12 | 1400 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14200E 20800N | 1 | 5 | 3 | 19 | .1 | 3 | 3 | 36 | .71 | 2 | 5 | ND | 1 | 8 | .7 | 2 | 2 | 19 | .06 | .015 | 2 | 6 | .12 | 22 | .07 | 4 | .47 | .05 | .04 | 1 | 30 |
| 14200E 20850N | 1 | 4 | 10 | 91 | .2 | 12 | 11 | 1511 | 2.39 | 12 | 5 | ND | 6 | 51 | 1.8 | 4 | 2 | 37 | .68 | .045 | 15 | 24 | .78 | 140 | .13 | 4 | 1.79 | .02 | .35 | 8 | 40 |
| 14200E 20900N | 1 | 3 | 8 | 70 | .1 | 10 | 10 | 360 | 2.54 | 6 | 5 | ND | 15 | 41 | 1.1 | 2 | 2 | 38 | .57 | .045 | 31 | 26 | .89 | 148 | .15 | 2 | 1.99 | .03 | .39 | 12 | 20 |
| 14200E 20950N | 1 | 4 | 14 | 78 | .1 | 8 | 8 | 420 | 2.31 | 5 | 8 | ND | 8 | 36 | .6 | 3 | 2 | 35 | .44 | .049 | 27 | 24 | .75 | 138 | .15 | 4 | 1.70 | .03 | .31 | 16 | 90 |
| 14200E 21000N | 1 | 4 | 11 | 72 | .1 | 7 | 8 | 486 | 2.14 | 4 | 5 | ND | 7 | 36 | .6 | 2 | 2 | 31 | .50 | .054 | 23 | 22 | .71 | 134 | .14 | 7 | 1.60 | .03 | .33 | 20 | 110 |
| 14400E 19200N | 1 | 4 | 2 | 13 | .4 | 1 | 1 | 26 | .60 | 2 | 5 | ND | 1 | 7 | .3 | 3 | 2 | 12 | .03 | .025 | 3 | 2 | .02 | 18 | .01 | 3 | .24 | .02 | .02 | 1 | 20 |
| 14400E 19250N | 1 | 7 | 8 | 21 | .1 | 2 | 2 | 64 | 1.15 | 8 | 5 | ND | 1 | 9 | .2 | 3 | 2 | 14 | .07 | .045 | 4 | 5 | .03 | 20 | .01 | 4 | .54 | .03 | .02 | 1 | 30 |
| 14400E 19300N | 3 | 20 | 7 | 63 | .6 | 9 | 4 | 80 | 3.02 | 30 | 5 | ND | 1 | 8 | .4 | 5 | 3 | 41 | .02 | .075 | 18 | 12 | .09 | 51 | .01 | 3 | .80 | .01 | .04 | 2 | 40 |
| 14400E 19350N | 2 | 10 | 4 | 34 | .4 | 2 | 2 | 36 | 1.14 | 13 | 5 | ND | 1 | 8 | .6 | 4 | 4 | 18 | .04 | .049 | 6 | 5 | .03 | 33 | .01 | 3 | .65 | .03 | .02 | 1 | 30 |
| 14400E 19400N | 4 | 18 | 14 | 66 | .2 | 9 | 4 | 34 | 2.53 | 43 | 5 | ND | 1 | 9 | .4 | 4 | 2 | 45 | .03 | .077 | 13 | 10 | .05 | 50 | .01 | 4 | .77 | .02 | .03 | 1 | 20 |
| 14400E 19450N | 1 | 13 | 10 | 38 | .6 | 6 | 2 | 76 | 1.28 | 13 | 5 | ND | 1 | 10 | .6 | 3 | 2 | 21 | .11 | .061 | 6 | 5 | .10 | 22 | .03 | 2 | .68 | .03 | .03 | 1 | 30 |
| 14400E 19500N | 4 | 44 | 14 | 102 | .3 | 22 | 8 | 161 | 5.09 | 93 | 5 | ND | 3 | 13 | .2 | 10 | 2 | 48 | .09 | .116 | 19 | 20 | .33 | 75 | .03 | 2 | 1.55 | .02 | .05 | 1 | 20 |
| 14400E 19550N | 2 | 24 | 8 | 61 | .2 | 14 | 4 | 76 | 2.61 | 41 | 5 | ND | 1 | 10 | .3 | 4 | 2 | 27 | .07 | .076 | 13 | 12 | .22 | 52 | .02 | 4 | 1.37 | .02 | .05 | 1 | 30 |
| 14400E 19600N | 4 | 61 | 27 | 185 | .3 | 42 | 13 | 212 | 7.07 | 85 | 5 | ND | 5 | 12 | 1.0 | 5 | 2 | 46 | .02 | .117 | 22 | 25 | .57 | 127 | .03 | 2 | 2.81 | .01 | .12 | 1 | 40 |
| 14400E 19650N | 1 | 17 | 8 | 37 | .3 | 10 | 4 | 53 | 1.69 | 14 | 5 | ND | 1 | 9 | .3 | 4 | 2 | 19 | .07 | .063 | 7 | 7 | .11 | 41 | .03 | 2 | 1.08 | .02 | .03 | 1 | 30 |
| 14400E 19750N | 4 | 28 | 16 | 60 | .1 | 13 | 6 | 101 | 5.52 | 161 | 5 | ND | 2 | 9 | .4 | 5 | 2 | 62 | .02 | .067 | 22 | 25 | .23 | 88 | .03 | 2 | 1.67 | .01 | .08 | 2 | 10 |
| 14400E 19800N | 4 | 27 | 25 | 75 | .2 | 19 | 8 | 114 | 4.55 | 107 | 5 | ND | 1 | 12 | .2 | 3 | 2 | 55 | .03 | .063 | 17 | 27 | .30 | 95 | .03 | 2 | 1.78 | .01 | .08 | 1 | 30 |
| 14400E 19850N | 3 | 12 | 12 | 35 | .1 | 5 | 4 | 48 | 2.78 | 231 | 5 | ND | 1 | 7 | .4 | 4 | 4 | 59 | .02 | .037 | 19 | 12 | .11 | 71 | .03 | 2 | .80 | .01 | .05 | 2 | 5 |
| 14400E 19900N | 3 | 21 | 17 | 47 | .2 | 11 | 4 | 136 | 3.56 | 271 | 5 | ND | 1 | 8 | .4 | 4 | 5 | 46 | .02 | .051 | 17 | 22 | .27 | 91 | .03 | 4 | 1.34 | .01 | .08 | 3 | 10 |
| 14400E 19950N | 6 | 48 | 20 | 93 | .2 | 34 | 12 | 297 | 5.67 | 850 | 9 | ND | 9 | 16 | .2 | 4 | 2 | 39 | .07 | .078 | 21 | 31 | .60 | 124 | .04 | 3 | 1.99 | .01 | .19 | 2 | 10 |
| 14400E 20000N | 5 | 56 | 16 | 104 | .1 | 47 | 22 | 434 | 5.41 | 604 | 5 | ND | 8 | 14 | .2 | 4 | 3 | 46 | .05 | .074 | 25 | 36 | .65 | 138 | .05 | 2 | 2.35 | .01 | .21 | 2 | 10 |
| 14400E 20050N | 3 | 42 | 22 | 138 | .2 | 68 | 35 | 867 | 4.54 | 384 | 7 | ND | 9 | 26 | .2 | 2 | 7 | 49 | .18 | .059 | 23 | 32 | .82 | 165 | .10 | 2 | 2.99 | .02 | .37 | 16 | 20 |
| 14400E 20100N | 2 | 24 | 25 | 116 | .1 | 51 | 19 | 496 | 3.54 | 268 | 5 | ND | 8 | 25 | .5 | 2 | 2 | 42 | .26 | .053 | 25 | 29 | .75 | 116 | .10 | 5 | 2.12 | .02 | .31 | 8 | 10 |
| 14400E 20150N | 1 | 7 | 12 | 24 | .3 | 6 | 4 | 114 | 2.00 | 65 | 5 | ND | 1 | 8 | .2 | 2 | 4 | 35 | .04 | .032 | 12 | 9 | .10 | 38 | .05 | 4 | .95 | .01 | .05 | 2 | 20 |
| 14400E 20200N | 2 | 19 | 25 | 57 | .1 | 18 | 11 | 421 | 3.93 | 340 | 5 | ND | 3 | 9 | .7 | 2 | 4 | 40 | .06 | .076 | 14 | 29 | .32 | 67 | .08 | 5 | 2.63 | .01 | .13 | 6 | 60 |
| 14400E 20250N | 1 | 12 | 10 | 52 | .2 | 19 | 8 | 237 | 2.09 | 77 | 5 | ND | 5 | 12 | .6 | 2 | 2 | 30 | .12 | .045 | 25 | 18 | .47 | 100 | .10 | 3 | 1.67 | .02 | .19 | 3 | 10 |
| 14400E 20300N | 1 | 10 | 15 | 111 | .1 | 34 | 12 | 508 | 3.21 | 113 | 5 | ND | 16 | 16 | .8 | 2 | 3 | 42 | .21 | .060 | 31 | 30 | .85 | 148 | .17 | 3 | 2.71 | .02 | .43 | 10 | 20 |
| 14400E 20350N | 1 | 13 | 13 | 87 | .2 | 31 | 12 | 453 | 2.59 | 88 | 5 | ND | 11 | 18 | .6 | 2 | 2 | 36 | .23 | .056 | 29 | 25 | .71 | 128 | .14 | 2 | 2.10 | .03 | .35 | 4 | 20 |
| 14400E 20400N | 3 | 28 | 13 | 126 | .3 | 53 | 16 | 414 | 3.15 | 254 | 5 | ND | 7 | 19 | .6 | 2 | 8 | 38 | .16 | .056 | 19 | 28 | .59 | 133 | .11 | 4 | 2.34 | .02 | .23 | 4 | 30 |
| 14400E 20450N | 1 | 14 | 6 | 39 | .1 | 8 | 4 | 118 | 3.21 | 367 | 5 | ND | 2 | 6 | .2 | 2 | 4 | 23 | .03 | .035 | 8 | 11 | .17 | 37 | .05 | 2 | .96 | .02 | .06 | 2 | 40 |
| 14400E 20500N | 1 | 9 | 2 | 17 | .2 | 4 | 2 | 47 | .80 | 18 | 5 | ND | 1 | 11 | .2 | 2 | 2 | 16 | .12 | .045 | 4 | 4 | .06 | 20 | .03 | 3 | .70 | .04 | .03 | 1 | 20 |
| 14400E 20550N | 1 | 6 | 2 | 9 | .4 | 1 | 1 | 14 | .54 | 4 | 5 | ND | 1 | 9 | .5 | 2 | 2 | 11 | .04 | .015 | 2 | 2 | .02 | 14 | .02 | 4 | .44 | .04 | .02 | 1 | 10 |
| 14400E 20600N | 1 | 50 | 13 | 31 | .3 | 11 | 3 | 87 | 1.45 | 62 | 5 | ND | 1 | 7 | .6 | 2 | 3 | 17 | .06 | .064 | 5 | 9 | .10 | 21 | .03 | 4 | 1.07 | .03 | .03 | 1 | 50 |
| 14400E 20650N | 1 | 10 | 2 | 9 | .1 | 3 | 2 | 27 | .62 | 2 | 5 | ND | 1 | 10 | .2 | 2 | 2 | 13 | .10 | .034 | 3 | 3 | .04 | 14 | .03 | 4 | .58 | .03 | .02 | 1 | 30 |
| 14400E 20700N | 1 | 5 | 5 | 10 | .1 | 1 | 2 | 34 | .53 | 2 | 5 | ND | 1 | 11 | .3 | 2 | 2 | 13 | .13 | .040 | 2 | 2 | .03 | 17 | .03 | 2 | .65 | .03 | .02 | 1 | 10 |
| 14400E 20750N | 1 | 6 | 2 | 9 | .1 | 1 | 1 | 27 | .64 | 2 | 5 | ND | 1 | 11 | .7 | 2 | 2 | 16 | .13 | .040 | 2 | 3 | .03 | 13 | .04 | 2 | .75 | .03 | .03 | 1 | 30 |
| 14400E 20800N | 1 | 3 | 2 | 20 | .3 | 3 | 1 | 32 | .66 | 7 | 5 | ND | 1 | 7 | .8 | 2 | 2 | 17 | .05 | .022 | 3 | 4 | .05 | 20 | .06 | 6 | .69 | .03 | .02 | 2 | 40 |
| STANDARD C | 19 | 59 | 40 | 132 | 7.0 | 72 | 32 | 1050 | 3.92 | 41 | 20 | 7 | 37 | 53 | 18.9 | 15 | 18 | 56 | .51 | .096 | 37 | 57 | .89 | 180 | .07 | 33 | 1.88 | .06 | .14 | 11 | 1200 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14400E 20850N | 1 | 4 | 24 | 76 | .2 | 11 | 9 | 370 | 2.52 | 16 | 22 | ND | 11 | 69 | .7 | 2 | 2 | 35 | .60 | .061 | 30 | 27 | .72 | 159 | .11 | 4 | 2.47 | .04 | .23 | 5 | 30 |
| 14400E 20900N | 1 | 3 | 16 | 59 | .1 | 9 | 7 | 295 | 2.21 | 17 | 25 | ND | 11 | 63 | .3 | 2 | 2 | 31 | .58 | .058 | 28 | 25 | .65 | 141 | .11 | 8 | 2.17 | .03 | .24 | 6 | 40 |
| 14400E 20950N | 1 | 4 | 22 | 73 | .1 | 10 | 15 | 857 | 4.56 | 102 | 9 | ND | 17 | 40 | .4 | 2 | 3 | 56 | .58 | .065 | 64 | 28 | .72 | 181 | .14 | 2 | 2.78 | .04 | .41 | 5 | 50 |
| 14400E 21000N | 1 | 3 | 20 | 62 | .2 | 10 | 8 | 283 | 2.46 | 12 | 5 | ND | 9 | 59 | .4 | 3 | 4 | 36 | .65 | .063 | 51 | 30 | .75 | 176 | .11 | 4 | 2.52 | .04 | .32 | 4 | 40 |
| 14600E 19200N | 4 | 31 | 17 | 73 | .1 | 13 | 3 | 120 | 4.53 | 53 | 5 | ND | 1 | 12 | .5 | 3 | 4 | 61 | .03 | .102 | 24 | 20 | .10 | 80 | .01 | 4 | 1.25 | .01 | .04 | 1 | 40 |
| 14600E 19250N | 2 | 12 | 6 | 35 | .1 | 7 | 2 | 41 | 1.82 | 18 | 5 | ND | 1 | 7 | .2 | 2 | 2 | 32 | .04 | .057 | 13 | 9 | .05 | 35 | .01 | 3 | .53 | .02 | .03 | 1 | 50 |
| 14600E 19300N | 7 | 43 | 17 | 92 | 1.6 | 16 | 4 | 177 | 4.61 | 65 | 5 | ND | 1 | 11 | .6 | 7 | 2 | 51 | .02 | .118 | 24 | 21 | .22 | 100 | .01 | 5 | 1.58 | .01 | .05 | 1 | 100 |
| 14600E 19350N | 12 | 50 | 27 | 125 | .7 | 21 | 4 | 129 | 6.73 | 146 | 5 | ND | 3 | 13 | .2 | 17 | 2 | 69 | .02 | .132 | 27 | 27 | .27 | 91 | .02 | 7 | 1.53 | .01 | .05 | 1 | 60 |
| 14600E 19400N | 5 | 24 | 10 | 71 | .9 | 14 | 3 | 56 | 2.83 | 49 | 5 | ND | 1 | 10 | .5 | 7 | 2 | 37 | .07 | .099 | 16 | 14 | .13 | 54 | .01 | 4 | 1.34 | .02 | .03 | 1 | 50 |
| 14600E 19450N | 11 | 83 | 23 | 106 | .6 | 26 | 4 | 249 | 6.77 | 205 | 5 | ND | 5 | 17 | .2 | 7 | 7 | 60 | .02 | .147 | 30 | 27 | .47 | 119 | .02 | 7 | 2.49 | .01 | .07 | 1 | 70 |
| 14600E 19500N | 2 | 27 | 10 | 61 | .1 | 21 | 3 | 100 | 3.23 | 32 | 11 | ND | 1 | 10 | .4 | 2 | 3 | 49 | .04 | .090 | 23 | 15 | .10 | 72 | .03 | 3 | 1.53 | .02 | .04 | 1 | 30 |
| 14600E 19550N | 2 | 55 | 23 | 156 | .2 | 49 | 8 | 243 | 7.42 | 95 | 5 | ND | 2 | 19 | .2 | 3 | 4 | 56 | .06 | .114 | 20 | 37 | .46 | 148 | .04 | 6 | 2.76 | .01 | .10 | 1 | 80 |
| 14600E 19600N | 4 | 57 | 30 | 121 | .2 | 42 | 6 | 171 | 8.15 | 102 | 5 | ND | 5 | 22 | .2 | 5 | 2 | 48 | .03 | .108 | 18 | 28 | .47 | 248 | .03 | 5 | 3.17 | .02 | .15 | 1 | 30 |
| 14600E 19650N | 2 | 58 | 28 | 123 | .1 | 52 | 7 | 173 | 9.99 | 110 | 5 | ND | 6 | 32 | .2 | 3 | 2 | 45 | .02 | .140 | 18 | 28 | .50 | 301 | .03 | 5 | 3.54 | .02 | .19 | 1 | 40 |
| 14600E 19750N | 2 | 50 | 24 | 145 | .1 | 58 | 15 | 490 | 7.76 | 76 | 5 | ND | 6 | 36 | .2 | 2 | 2 | 40 | .03 | .110 | 27 | 30 | .59 | 291 | .03 | 3 | 3.66 | .01 | .21 | 1 | 30 |
| 14600E 19800N | 2 | 46 | 20 | 121 | .2 | 42 | 9 | 313 | 6.73 | 75 | 5 | ND | 3 | 24 | .2 | 4 | 2 | 41 | .02 | .107 | 21 | 25 | .42 | 193 | .03 | 3 | 2.89 | .01 | .15 | 1 | 50 |
| 14600E 19850N | 1 | 25 | 18 | 59 | .1 | 8 | 6 | 178 | 7.30 | 189 | 5 | ND | 10 | 8 | .2 | 8 | 2 | 66 | .01 | .078 | 28 | 42 | .37 | 323 | .02 | 2 | 1.97 | .01 | .21 | 1 | 40 |
| 14600E 19950N | 2 | 37 | 20 | 122 | .1 | 31 | 8 | 309 | 5.05 | 594 | 6 | ND | 10 | 11 | .2 | 3 | 2 | 47 | .03 | .085 | 21 | 39 | .60 | 171 | .04 | 6 | 2.91 | .01 | .24 | 1 | 30 |
| 14600E 20000N | 2 | 101 | 10 | 74 | .3 | 32 | 5 | 134 | 5.32 | 899 | 10 | ND | 1 | 14 | .2 | 2 | 3 | 39 | .04 | .096 | 12 | 30 | .44 | 87 | .02 | 8 | 2.28 | .02 | .11 | 1 | 40 |
| 14600E 20050N | 1 | 14 | 10 | 32 | .1 | 6 | 2 | 72 | 3.15 | 399 | 5 | ND | 1 | 9 | .4 | 2 | 3 | 45 | .02 | .038 | 14 | 15 | .14 | 74 | .03 | 2 | 1.19 | .01 | .06 | 1 | 30 |
| 14600E 20100N | 1 | 11 | 5 | 25 | .1 | 5 | 1 | 48 | 1.98 | 292 | 5 | ND | 1 | 5 | .5 | 2 | 5 | 48 | .02 | .028 | 18 | 7 | .06 | 41 | .03 | 3 | .61 | .01 | .04 | 2 | 10 |
| 14600E 20150N | 1 | 5 | 2 | 7 | .1 | 3 | 1 | 22 | .86 | 59 | 5 | ND | 1 | 6 | .6 | 2 | 4 | 20 | .03 | .027 | 7 | 5 | .05 | 26 | .02 | 2 | .48 | .03 | .03 | 1 | 20 |
| 14600E 20200N | 1 | 28 | 10 | 39 | .1 | 10 | 2 | 131 | 4.30 | 709 | 5 | ND | 1 | 9 | .3 | 2 | 4 | 46 | .02 | .075 | 17 | 28 | .32 | 133 | .03 | 2 | 1.80 | .01 | .13 | 1 | 40 |
| 14600E 20250N | 1 | 36 | 13 | 66 | .1 | 19 | 4 | 161 | 4.35 | 734 | 5 | ND | 3 | 14 | .2 | 2 | 2 | 44 | .02 | .065 | 18 | 34 | .55 | 174 | .04 | 4 | 2.26 | .01 | .20 | 1 | 30 |
| 14600E 20300N | 1 | 31 | 10 | 46 | .1 | 17 | 3 | 130 | 3.86 | 712 | 5 | ND | 2 | 8 | .2 | 2 | 2 | 38 | .02 | .060 | 14 | 30 | .48 | 140 | .03 | 2 | 1.92 | .01 | .18 | 1 | 30 |
| 14600E 20350N | 1 | 23 | 3 | 17 | .2 | 6 | 1 | 25 | .78 | 80 | 5 | ND | 1 | 6 | .9 | 2 | 2 | 10 | .04 | .063 | 6 | 6 | .06 | 19 | .02 | 2 | 1.54 | .03 | .03 | 1 | 40 |
| 14600E 20400N | 2 | 34 | 18 | 75 | .1 | 29 | 6 | 195 | 3.43 | 486 | 16 | ND | 1 | 13 | .2 | 2 | 5 | 35 | .09 | .077 | 11 | 21 | .37 | 74 | .04 | 4 | 1.78 | .02 | .11 | 1 | 60 |
| 14600E 20450N | 2 | 35 | 14 | 106 | .1 | 45 | 14 | 289 | 2.78 | 363 | 12 | ND | 1 | 20 | .6 | 2 | 2 | 30 | .20 | .078 | 15 | 20 | .39 | 106 | .05 | 4 | 2.28 | .03 | .12 | 1 | 50 |
| 14600E 20500N | 1 | 12 | 5 | 24 | .2 | 5 | 2 | 39 | 1.08 | 48 | 5 | ND | 1 | 8 | .5 | 2 | 2 | 16 | .04 | .038 | 5 | 4 | .05 | 29 | .03 | 5 | 1.30 | .04 | .03 | 1 | 20 |
| 14600E 20550N | 1 | 6 | 2 | 48 | .1 | 5 | 1 | 39 | .42 | 6 | 9 | ND | 1 | 17 | .7 | 2 | 2 | 9 | .15 | .050 | 2 | 2 | .03 | 52 | .01 | 2 | .17 | .02 | .04 | 1 | 90 |
| 14600E 20600N | 1 | 6 | 5 | 16 | .1 | 3 | 2 | 44 | .88 | 4 | 6 | ND | 1 | 16 | .4 | 2 | 2 | 18 | .10 | .039 | 5 | 6 | .12 | 30 | .05 | 2 | .90 | .04 | .05 | 1 | 70 |
| 14600E 20650N | 1 | 7 | 4 | 17 | .1 | 4 | 1 | 26 | .81 | 102 | 5 | ND | 1 | 9 | .5 | 2 | 2 | 19 | .07 | .028 | 5 | 4 | .04 | 28 | .04 | 2 | .67 | .03 | .02 | 1 | 30 |
| 14600E 20700N | 1 | 4 | 2 | 11 | .1 | 1 | 1 | 20 | .46 | 3 | 5 | ND | 1 | 11 | .9 | 2 | 4 | 11 | .06 | .023 | 2 | 2 | .02 | 19 | .02 | 3 | .23 | .04 | .02 | 1 | 20 |
| 14600E 20750N | 1 | 22 | 7 | 31 | .1 | 7 | 2 | 48 | 1.34 | 12 | 5 | ND | 1 | 9 | .5 | 2 | 4 | 22 | .05 | .044 | 7 | 10 | .10 | 30 | .04 | 3 | .89 | .03 | .04 | 1 | 50 |
| 14600E 20800N | 1 | 4 | 2 | 11 | .1 | 2 | 1 | 17 | .43 | 3 | 5 | ND | 1 | 8 | .5 | 2 | 2 | 11 | .05 | .026 | 2 | 2 | .02 | 26 | .02 | 2 | .22 | .03 | .02 | 1 | 40 |
| 14600E 20850N | 1 | 3 | 2 | 11 | .1 | 3 | 1 | 43 | .76 | 2 | 5 | ND | 1 | 8 | .4 | 2 | 2 | 18 | .05 | .032 | 5 | 5 | .07 | 19 | .04 | 6 | .47 | .04 | .03 | 1 | 50 |
| 14600E 20900N | 1 | 16 | 18 | 94 | .1 | 32 | 10 | 361 | 3.20 | 77 | 5 | ND | 10 | 18 | .5 | 2 | 4 | 38 | .14 | .060 | 25 | 23 | .53 | 101 | .11 | 6 | 2.23 | .02 | .20 | 1 | 20 |
| STANDARD C | 18 | 60 | 41 | 133 | 7.0 | 72 | 31 | 1052 | 3.96 | 40 | 17 | 7 | 38 | 53 | 18.9 | 15 | 21 | 55 | .51 | .097 | 37 | 60 | .89 | 183 | .07 | 39 | 1.85 | .06 | .14 | 14 | 1500 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14600E 20950N | 4 | 87 | 27 | 86 | .4 | 33 | 7 | 184 | 5.34 | 203 | 5 | ND | 4 | 16 | .3 | 2 | 2 | 40 | .06 | .086 | 15 | 24 | .35 | 82 | .03 | 6 | 2.70 | .03 | .11 | 1 | 60 |
| 14600E 21000N | 2 | 6 | 19 | 67 | .1 | 12 | 9 | 373 | 2.42 | 21 | 19 | ND | 12 | 76 | .2 | 2 | 6 | 37 | .57 | .065 | 31 | 24 | .75 | 184 | .11 | 4 | 2.54 | .04 | .29 | 6 | 20 |
| 14800E 19200N | 5 | 34 | 18 | 86 | .2 | 20 | 4 | 104 | 4.13 | 61 | 5 | ND | 1 | 15 | .4 | 3 | 2 | 55 | .03 | .086 | 27 | 20 | .20 | 84 | .02 | 7 | 1.41 | .02 | .05 | 1 | 40 |
| 14800E 19250N | 6 | 45 | 20 | 133 | .4 | 32 | 6 | 186 | 7.07 | 89 | 5 | ND | 3 | 20 | .3 | 5 | 3 | 67 | .02 | .112 | 29 | 32 | .35 | 99 | .03 | 2 | 2.13 | .01 | .06 | 1 | 30 |
| 14800E 19300N | 8 | 40 | 19 | 168 | .4 | 47 | 12 | 333 | 5.87 | 74 | 5 | ND | 4 | 19 | .6 | 2 | 3 | 52 | .03 | .106 | 27 | 27 | .37 | 123 | .03 | 7 | 2.67 | .01 | .10 | 1 | 70 |
| 14800E 19350N | 4 | 37 | 16 | 148 | .3 | 40 | 8 | 142 | 4.08 | 51 | 5 | ND | 1 | 19 | .6 | 2 | 2 | 30 | .05 | .105 | 19 | 15 | .30 | 91 | .02 | 3 | 2.27 | .02 | .07 | 1 | 30 |
| 14800E 19400N | 5 | 62 | 22 | 191 | .1 | 51 | 12 | 212 | 7.64 | 112 | 5 | ND | 6 | 28 | .2 | 3 | 5 | 37 | .03 | .116 | 26 | 24 | .60 | 156 | .02 | 2 | 3.36 | .01 | .12 | 1 | 10 |
| 14800E 19450N | 4 | 48 | 12 | 172 | .1 | 58 | 15 | 248 | 5.54 | 81 | 5 | ND | 9 | 20 | .2 | 2 | 2 | 35 | .04 | .087 | 27 | 22 | .57 | 187 | .03 | 2 | 3.34 | .02 | .14 | 1 | 20 |
| 14800E 19500N | 3 | 77 | 41 | 222 | .4 | 20 | 10 | 178 | 8.53 | 72 | 5 | ND | 10 | 21 | .5 | 2 | 2 | 23 | .04 | .114 | 27 | 18 | .64 | 207 | .01 | 2 | 3.87 | .01 | .11 | 1 | 10 |
| 14800E 19550N | 7 | 70 | 32 | 171 | .5 | 39 | 9 | 188 | 10.96 | 108 | 5 | ND | 9 | 20 | .2 | 4 | 2 | 37 | .02 | .135 | 18 | 28 | .55 | 202 | .02 | 3 | 3.39 | .02 | .15 | 1 | 20 |
| 14800E 19600N | 5 | 98 | 36 | 167 | .5 | 32 | 10 | 178 | 11.40 | 129 | 5 | ND | 9 | 19 | .2 | 4 | 2 | 54 | .01 | .157 | 22 | 35 | .69 | 193 | .02 | 2 | 3.82 | .01 | .20 | 1 | 10 |
| 14800E 19650N | 5 | 93 | 27 | 174 | .3 | 38 | 12 | 208 | 11.65 | 145 | 5 | ND | 10 | 21 | .2 | 5 | 2 | 50 | .01 | .161 | 22 | 34 | .64 | 200 | .02 | 3 | 3.88 | .01 | .18 | 1 | 20 |
| 14800E 19750N | 4 | 74 | 16 | 105 | .4 | 26 | 6 | 129 | 6.91 | 82 | 5 | ND | 6 | 10 | .4 | 3 | 2 | 56 | .01 | .094 | 21 | 43 | .52 | 146 | .02 | 2 | 2.76 | .02 | .20 | 1 | 30 |
| 14800E 19800N | 3 | 71 | 30 | 108 | .4 | 17 | 6 | 97 | 8.62 | 112 | 5 | ND | 10 | 6 | .4 | 12 | 2 | 64 | .01 | .125 | 29 | 38 | .23 | 101 | .01 | 2 | 1.37 | .01 | .11 | 1 | 10 |
| 14800E 19850N | 3 | 75 | 13 | 89 | .2 | 12 | 9 | 185 | 7.62 | 120 | 5 | ND | 7 | 5 | .2 | 7 | 2 | 55 | .01 | .097 | 25 | 32 | .18 | 75 | .01 | 2 | 1.39 | .01 | .10 | 1 | 20 |
| 14800E 19900N | 6 | 87 | 29 | 222 | .1 | 122 | 128 | 1861 | 6.73 | 509 | 5 | ND | 9 | 19 | 1.0 | 8 | 2 | 56 | .04 | .098 | 21 | 44 | .64 | 229 | .03 | 2 | 2.74 | .01 | .22 | 4 | 10 |
| 14800E 19950N | 2 | 15 | 6 | 32 | .2 | 6 | 2 | 85 | 2.18 | 135 | 5 | ND | 1 | 7 | .2 | 2 | 9 | 31 | .02 | .052 | 9 | 10 | .09 | 49 | .02 | 6 | .89 | .02 | .04 | 2 | 20 |
| 14800E 20000N | 2 | 30 | 8 | 31 | .9 | 9 | 2 | 55 | 2.21 | 366 | 5 | ND | 1 | 8 | .2 | 2 | 4 | 24 | .02 | .088 | 7 | 10 | .09 | 37 | .01 | 5 | .67 | .02 | .04 | 1 | 50 |
| 14800E 20050N | 2 | 19 | 10 | 39 | .1 | 8 | 3 | 106 | 5.29 | 1020 | 5 | ND | 2 | 13 | .2 | 2 | 2 | 58 | .01 | .057 | 18 | 31 | .30 | 152 | .05 | 2 | 1.38 | .01 | .11 | 1 | 20 |
| 14800E 20100N | 1 | 37 | 19 | 83 | .1 | 28 | 7 | 211 | 4.49 | 544 | 5 | ND | 6 | 11 | .2 | 2 | 2 | 50 | .06 | .066 | 19 | 44 | .65 | 276 | .04 | 3 | 2.80 | .01 | .29 | 2 | 10 |
| 14800E 20150N | 1 | 36 | 8 | 64 | .1 | 25 | 9 | 325 | 4.02 | 1888 | 5 | ND | 5 | 20 | .2 | 2 | 2 | 44 | .05 | .064 | 19 | 35 | .64 | 230 | .05 | 2 | 2.66 | .01 | .26 | 3 | 30 |
| 14800E 20200N | 3 | 40 | 14 | 62 | .2 | 19 | 6 | 162 | 3.31 | 938 | 5 | ND | 1 | 15 | .2 | 2 | 2 | 41 | .06 | .118 | 14 | 22 | .27 | 94 | .02 | 5 | 1.64 | .01 | .08 | 1 | 60 |
| 14800E 20250N | 4 | 57 | 19 | 89 | .3 | 24 | 6 | 214 | 5.06 | 298 | 5 | ND | 1 | 13 | .2 | 2 | 5 | 54 | .07 | .106 | 14 | 25 | .29 | 79 | .03 | 6 | 2.11 | .01 | .08 | 1 | 70 |
| 14800E 20300N | 4 | 102 | 29 | 246 | .5 | 74 | 20 | 653 | 9.07 | 2736 | 5 | ND | 7 | 11 | .2 | 2 | 2 | 49 | .04 | .119 | 19 | 41 | .62 | 164 | .03 | 5 | 2.85 | .01 | .23 | 1 | 30 |
| 14800E 20350N | 2 | 60 | 13 | 56 | .2 | 25 | 4 | 144 | 2.99 | 558 | 5 | ND | 1 | 10 | .2 | 2 | 6 | 22 | .05 | .066 | 10 | 14 | .22 | 49 | .03 | 2 | 1.53 | .03 | .06 | 1 | 30 |
| 14800E 20400N | 3 | 59 | 6 | 179 | .1 | 77 | 33 | 1221 | 5.17 | 541 | 5 | ND | 4 | 11 | .7 | 2 | 2 | 29 | .05 | .073 | 16 | 17 | .24 | 117 | .01 | 2 | 1.45 | .02 | .11 | 1 | 20 |
| 14800E 20450N | 1 | 6 | 2 | 7 | .3 | 4 | 1 | 33 | .63 | 38 | 5 | ND | 1 | 8 | .2 | 2 | 2 | 13 | .06 | .024 | 2 | 3 | .03 | 14 | .03 | 5 | .59 | .04 | .02 | 1 | 20 |
| 14800E 20500N | 3 | 61 | 18 | 141 | .1 | 56 | 17 | 419 | 5.68 | 685 | 5 | ND | 5 | 12 | .2 | 2 | 2 | 45 | .05 | .075 | 19 | 27 | .52 | 106 | .06 | 4 | 2.20 | .01 | .15 | 2 | 40 |
| 14800E 20550N | 1 | 11 | 2 | 28 | .1 | 7 | 2 | 59 | 1.30 | 61 | 5 | ND | 1 | 9 | .2 | 2 | 2 | 19 | .06 | .034 | 6 | 8 | .11 | 33 | .03 | 6 | .65 | .03 | .04 | 1 | 50 |
| 14800E 20600N | 1 | 7 | 2 | 1 | .1 | 2 | 1 | 25 | .57 | 9 | 5 | ND | 1 | 7 | .2 | 2 | 2 | 13 | .07 | .027 | 2 | 7 | .03 | 18 | .03 | 3 | .50 | .03 | .02 | 1 | 30 |
| 14800E 20650N | 3 | 83 | 21 | 100 | .6 | 45 | 7 | 208 | 8.57 | 370 | 5 | ND | 3 | 17 | .2 | 2 | 2 | 55 | .05 | .116 | 13 | 37 | .42 | 109 | .02 | 3 | 2.38 | .01 | .15 | 1 | 50 |
| 14800E 20700N | 3 | 86 | 14 | 93 | .7 | 36 | 8 | 206 | 6.81 | 323 | 5 | ND | 1 | 14 | .2 | 2 | 4 | 43 | .05 | .146 | 10 | 29 | .29 | 84 | .02 | 2 | 1.94 | .01 | .10 | 1 | 90 |
| 14800E 20800N | 1 | 5 | 2 | 1 | .1 | 2 | 1 | 32 | .58 | 11 | 5 | ND | 1 | 8 | .2 | 2 | 2 | 9 | .05 | .029 | 2 | 3 | .04 | 18 | .03 | 2 | .60 | .03 | .03 | 1 | 50 |
| 14800E 20850N | 1 | 7 | 5 | 11 | .2 | 3 | 1 | 52 | 1.23 | 9 | 5 | ND | 1 | 7 | .2 | 2 | 3 | 25 | .04 | .045 | 9 | 10 | .09 | 23 | .06 | 2 | .81 | .03 | .05 | 1 | 120 |
| 14800E 20900N | 1 | 6 | 4 | 4 | .1 | 1 | 1 | 25 | .54 | 2 | 5 | ND | 1 | 8 | .2 | 2 | 5 | 12 | .07 | .028 | 3 | 5 | .03 | 14 | .03 | 2 | .70 | .03 | .02 | 2 | 30 |
| 14800E 20950N | 1 | 3 | 2 | 1 | .2 | 1 | 1 | 23 | .41 | 3 | 5 | ND | 1 | 8 | .2 | 2 | 2 | 10 | .06 | .027 | 3 | 4 | .02 | 15 | .03 | 2 | .59 | .04 | .02 | 1 | 30 |
| 14800E 21000N | 1 | 3 | 2 | 9 | .1 | 1 | 1 | 25 | .46 | 8 | 5 | ND | 1 | 6 | .2 | 2 | 2 | 16 | .03 | .010 | 5 | 2 | .03 | 20 | .04 | 2 | .26 | .03 | .02 | 1 | 20 |
| STANDARD C | 20 | 60 | 41 | 132 | 7.2 | 73 | 32 | 1052 | 3.96 | 41 | 20 | 7 | 40 | 52 | 18.4 | 15 | 18 | 59 | .51 | .094 | 39 | 61 | .90 | 188 | .08 | 39 | 1.91 | .06 | .13 | 11 | 1300 |

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105-011 9E

PROPERTY PUTZ 343

DATE 90-09-04

## ROCK SAMPLE REPORT

PROJECT 343

| PLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G[ ] A[ ] AU | G[ ] A[ ] | G[ ] A[ ] | G[ ] A[ ] | G[ ] A[ ] | G[ ] A[ ] | G[ ] A[ ] | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39344 | grey blue intrusive with Qtz eyes | | O/C | | | | | | | | | DK. |
| | and feldspar megacrystic cubes. | | grab | 1M | 11 | | | | | | | |
| | Disem Po 1% 5M wide | 1% | | | | | | | | | | |
| | L120+00E 201+50N | | | | | | | | | | | |
| 39345 | O/C L119+75E 202+75N | | | | | | | | | | | |
| | intrusive - grey w green altered | 1% | grab | 1M | 22 | | | | | | | |
| | hard phenocrysts; disem py 1% + tr | | | | | | | | | | | |
| | Aspy; fresh rock 130° / 60°S | | | | | | | | | | | |
| 39346 | O/C L119+77E 202+75N | <5% | chip grab | 1M | 161 | | | | | | | |
| | Same as 139345 but with | | | | | | | | | | | |
| | Qtz veins + Aspy pods Aspy ≤ 5% | | | | | | | | | | | |
| 39347 | L119+80E 202+75N | | Talus | | 134 | | | | | | | |
| | cannot find O/C occurence. | 10% | | | | | | | | | | |
| | White pumice siliceous like rock, | | | | | | | | | | | |
| | limonitic holes, Qtz veins + Aspy pods, | | | | | | | | | | | |
| | rhodochrosite; possible hornblende. | | | | | | | | | | | |

G - GEOCHEM A - ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY PUTZ

N.T.S. 105-9, -02

DATE 90-09-04

## ROCK SAMPLE REPORT

PROJECT 343

| IPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G[ ]A[ ] Au | G[ ]A[ ] | G[ ]A[ ] | G[ ]A[ ] | G[ ]A[ ] | G[ ]A[ ] | G[ ]A[ ] | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 139348 | L122+00E 2034+45N O/C | | Chip | 1M | | | | | | | | K |
| | Qtz vein + shale bx frags both coarse and fine. Aspy dissem + Aspy veinlets 10-15%, heavy secondite stains 010° / 40E 1M true thickness | ≤15% | | | 2418 | | | | | | | |
| 39349 | Same as R/139348 | | chip | 1M | 3432 | | | | | | | |
| | 50M towards ridge top from 139348 | ≤15% | | | | | | | | | | |
| 39350 | Same as 139348 - 25M from ridge down towards 139348 | ≤15% | chip | 1M | 1281 | | | | | | | |
| 139438 | - Talus sample between L114E and 116E at 1984+50N. Talus of high grade Aspy, Qtz vein. Indicates that there is high grade material on that side of ridge for this intrusive. | 50% | grab | Talus | 6.44 gm/t | | | | | | | |

GEOCHEM ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY PUTZ

N.T.S. 105 o/1 + o/2

DATE 90-09-15

PROJECT 343

## ROCK SAMPLE REPORT

| PLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G[ ] A[ ] Au | G[ ] A[ ] | G[ ] A[ ] | G[ ] A[ ] | G[ ] A[ ] | G[ ] A[ ] | G[ ] A[ ] | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39494 | Intrusive float L104E 19+650 N. Bleached subcrop - 1% sx green scon stains - Moderately fresh looking but a few Qtz veinlets exist | Tr | float | grab | 610 | | | | | | | DJK |
| 41207 | L105+90E 202+80N Small mound : fairly rounded floats in alpine growth. Rusty surface of weakly alt int - grey white siliceous matrix. Po 5% EM target location | 5% | float | grab | 24 | | | | | | | |
| 141208 | L106E 208+50N textbook granodiorite | Ø | float | grab | 15 | | | | | | | |
| 41221 | L124E 209+00N - Found by Rob geophysics guy. Course Qtz vein. Large euhedral Qtz + massive blebs of Aspy ≤5% + patches of grey Qtz(sx rich). | | Float | | 28 | | | | | | | (ROB) |

G - GEOCHEM A - ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY PUTZ

DATE 90-07-28

## ROCK SAMPLE REPORT

PROJECT 343

| SAMPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37361 | Intrusive boulder with Qtz vein exposed along strike on one side. Bull Qtz with Aspy blebs. | <1% | FLT/TLS | | 6415 | | | | | | | DJK |
| 37362 | O/C Altered intrusive. Contact with seds. Micaceous ~~weathering~~ alteration Rusty weathering. Trace sx | TR | GRAB | | 300 | | | | | | | |
| 37363 | O/C Metasediments. Very rusty with yellow oxidation Py on fractures + Apy patches | <2% | Grab | | | | | | | | | |
| 37364 | O/C - Contact of seds + intrusive. Sample of seds. Coarse bio on contact. Blue-grey with disem sx <5% | <5% | CHIP | 30cm | 11 | | | | | | | |
| 37365 | O/C - Contact of intrusive and seds. Altered intrusive - bleached disem sx <5% | <5% | chip | 30cm | 11 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY PUTZ

DATE 90-07-28

## ROCK SAMPLE REPORT

PROJECT 343

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37366 | Subcrops - Siliceous bleached chalky possible intrusive. Sericitic on fresh surface. Possible Aspy diem <1% | <1% | Grab | | | | | | | | | DJK |
| 37367 | o/c strike 030° white band of intrusive altered to soil - white/brown | / | CHIP | 2M | | | | | | | | |
| 37368 | o/c strike 290° white band of intrusive. grey-white-blue: siliceous sx aligned and elongated chalky white surface weathering | <5% | CHIP | 1M | | | | | | | | |
| 39187 | o/c Rusty intrusive near shale o/c. Clay altered feldspar Matrix grey purple. Minor sx | TRACE | GRAB | | | | | | | | | |
| 39188 | FLOAT - Yellow orange dolomitized shale - intrusive breccia. Calcite ingrowths. | | FLOAT | | | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY PUTZ

N.T.S. _____

DATE 90-07-28

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 139190 | TALUS - SUBCROP orange-white surface weathering & pinkish-yellow QFP. Feldspars altered to clay. Py cubes oxidized away. | | SUBCROP | | | | | | | | | DJK |
| 39191 | Talus - subcrop Rusty black surface weathering. White Qtz eye porphyry. | | Subcrop | | | | | | | | | |
| 39192 | Blocky Talus Subcrop. Rusty black weathering. Weakly altered white QFP. Limonitic fractures. Disem py < 2% | < 2% | Subcrop | | | | | | | | | |
| 39193 | O/C - isolated pod in purple hoffels. Massive Aspy + py with scorodite veinlets + a few Qtz eyes. Slightly porous. | 80% | Grab | 1M | | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY PUTZ

N.T.S. _____

DATE 90-07-28

PROJECT 343

## ROCK SAMPLE REPORT

| SAMPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 139194 | Talus at base of o/c. Purple hornfels/grey weathering. Cream color patches of alteration within hornfels. disem + stringers tspy + possible Cpy | 2% | grab | | 235 | | | | | | | DJK |
| 139195 | Talus subcrop 30': white granular intrusive. Qtz eyes elongated. Possible Aspy in Qtz eyes | <1% | Talus | | 230 | | | | | | | |
| 139199 | Talus greenish-grey Qtz eye biotite intrusive. Disem aspy + unknown bladed, lath like, striated very shinny silver mineral = tr% | <5% | Talus | | 231 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY PUTZ

N.T.S. _____

DATE 90-07-28

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39128 | weakly altered rusty black shale | — | CHIP | 1M | 10 | | | | | | | DJK-GEN |
| 39129 | Black clay altered crumbly shale | — | CHIP | 80cm | 9 | | | | | | | |
| 139130 | Rusty clay altered, weathered intrusive | — | CHIP | 50cm | 91 | | | | | | | |
| 39131 | Grey-blue moderately siliceous intrusive w 1-2% SX | 2% | CHIP | 1M | 70 | | | | | | | |
| 34132 | " " " | 2% | CHIP | 1M | 132 | | | | | | | |
| 39133 | " " " | 2% | CHIP | 1M | 34 | | | | | | | |
| 139134 | " " " | 2% | CHIP | 1M | 112 | | | | | | | |
| 139135 | weakly altered rusty black shale | — | CHIP | 1M | 7 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY PUTZ

N.T.S. _____

DATE 90-07-28

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39136 | Weakly altered rusty black shale | / | CHIP | 1M | | | | | | | | DJK-GEL |
| 39137 | Grey-blue moderately siliceous intrusive w disem sx | 2% | CHIP | 1M | | | | | | | | |
| ~~39138~~ | | | | | | | | | | | | |
| 39138 | " " " | 2% | CHIP | 1M | | | | | | | | |
| 39139 | " " " | 2% | CHIP | 1M | | | | | | | | |
| 39140 | " " " | 2% | CHIP | 1M | | | | | | | | |
| 39141 | " " " | 2% | CHIP | 1M | | | | | | | | |
| 39142 | Grey-blue moderately siliceous intrusive w disem sx. Aspy | 5% | CHIP | 1M | | | | | | | | |
| 39143 | " " | 5% | CHIP | 1M | | | | | | | | |
| 39144 | Grey-blue mod siliceous intrusive w disem sx | 2% | CHIP | 1M | | | | | | | | |
| 39145 | Weakly altered rusty black shale | / | CHIP | 1M | | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY PUTZ

N.T.S. _____

DATE 90-07-28

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ Au | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39146 | Weakly altered rusty black shale | / | CHIP | 1M | 16 | | | | | | | DJK-GEN |
| 139147 | Grey-blue moderately siliceous intrusive, bleached chalky white in places. 5% <2% | <2% | CHIP | 1M | 15 | | | | | | | |
| 139148 | " " " | <2% | CHIP | 1M | 10 | | | | | | | |
| 39149 | " " " | <2% | CHIP | 1M | 6 | | | | | | | |
| 139150 | " " " | <2% | CHIP | 1M | 18 | | | | | | | |
| 39151 | " " " | <2% | CHIP | 1M | 54 | | | | | | | |
| 39152 | " " " | <2% | CHIP | 1M | 11 | | | | | | | |
| 39153 | " " " | <2% | CHIP | 1M | 39 | | | | | | | |
| 139154 | " " " | <2% | CHIP | 1M | 22 | | | | | | | |
| 139155 | " " " | <2% | CHIP | 1M | 36 | | | | | | | |
| 139156 | " " " | <2% | CHIP | 1M | 4 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY PUTZ

DATE 90-07-28

## ROCK SAMPLE REPORT

PROJECT 343

| IPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ Au | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39157 | Grey-blue moderately siliceous intrusive, bleached chalky white in places. Sx <2% | <2% | CHIP | 1M | 7 | | | | | | | DJK-GEN |
| 39158 | " " " | <2% | CHIP | 1M | 22 | | | | | | | |
| 39159 | Grey blue mod. siliceous intrusive with 1% disem sx + Qtz veining & blebs of massive Aspy | 5% | CHIP | 1M | 74 | | | | | | | |
| 39160 | " " " with parallel Qtz stringers | 5% | CHIP | 1M | 2890 | | | | | | | |
| 39161 | Weakly altered rusty black shales | / | CHIP | 1M | [illegible] | | | | | | | |
| 39162 | Weakly altered rusty black shales | / | CHIP | 1M | 3[illegible] | | | | | | | |
| 39163 | Bleached white intrusive chalky with disem Sx | 1% | CHIP | 1M | 680 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY PUTZ

N.T.S. _____

DATE 90-07-28

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ Au | G☐ A☐ Ag | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39164 | Bleached white chalky intrusive with coarse disem aspy | 2% | CHIP | 1M | 730 | | | | | | | DJK-GEN |
| 39165 | " " " | 2% | CHIP | 1M | 430 | | | | | | | |
| 139166 | " " " | 2% | CHIP | 1M | 980 | | | | | | | |
| 39167 | " " " | 2% | CHIP | 1M | 1320 | | | | | | | |
| 139168 | " " " | 2% | CHIP | 1M | 330 | | | | | | | |
| 139169 | " " " | 2% | CHIP | 1M | 69 | | | | | | | |
| 139170 | " " " | 2% | CHIP | 1M | 139 | | | | | | | |
| 139171 | " " " | 2% | CHIP | 1M | 560 | .1 | | | | | | |
| 139172 | Weakly altered rusty black shale | / | CHIP | 1M | 4 | | | | | | | |
| 139173 | Bleached white chalky intrusive with coarse disem aspy | 2% | CHIP | 1M | 1450 | | | | | | | |
| 139174 | " " " | 2% | CHIP | 1M | 710 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY ZOTZ

DATE 90-07-28

## ROCK SAMPLE REPORT

PROJECT 343

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39175 | Bleached chalky white intrusive with coarse disem aspy | 2% | CHIP | 1M | | | | | | | | DJK-GEW |
| 39176 | " " " | 2% | CHIP | 1M | | | | | | | | |
| 39177 | " " " | 2% | CHIP | 1M | | | | | | | | |
| 39178 | " " " | 2% | CHIP | 1M | | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY Fitz Bonnet

DATE Aug 29/80

## ROCK SAMPLE REPORT

PROJECT 343

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☒ (Pt Bi Au) | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22214 | Brown/grey Qtz in 1% arsen and black bands cross cutting. Float in saddle above rock glacier Some rust and scorodite staining (G-1) in field) | 1% | Float | | | | | | | | | Se-not-() |
| 22215 | Float in saddle on westerly edge. Bleached grey to white intrusive with rusty weathering speckled throughout. (G-2) | | Float | | 11 | | | | | | | |
| 22216 | Qtz float on easterly edge of saddle, rusty & black veinlets and 1% arsen (G-3) | 1% | Float | | 511 | | | | | | | |
| 22217 | Rusty Qtz grey breccia Float in a linear trend of "ork" on ridge top to east. (G-4) | | Float | | 24 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY Plitz - Bennett

DATE Aug 24/91

## ROCK SAMPLE REPORT

PROJECT 548

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☑ A☒ Au ppb | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2216 | Qtz "vein" with breccia on boundary, black bands or veinlets & Minor sooty staining. (G-5) | | float | | 42 | | | | | | | Smith |
| 2219 | Qtz & shale frag breccia float, rusty with grey bands running across sample ⇒ possible sulphide rich matrix? (G-6) | | Float | | 56 | | | | | | | |
| 2220 | Grey Qtz frag breccia w white matrix, float. Large & tiny frags. Clast supported (G-7) | | Float | | 214 | | | | | | | |
| 2221 | Rusty Qtz & shale frag breccia float matrix supported. (G-8) | | Float | | 41 | | | | | | | |
| 2222 | Qtz float w arsen (1%) Rusty in rugs containing tiny Qtz xtals (G-9) | 1% | Float | | 233 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY Ruiz - Bennett

DATE Aug 29/90

## ROCK SAMPLE REPORT

PROJECT 5213

| IPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☑ Au PPB | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2223 | Grey brecca w red fine grained matrix Float | | Float | | 18 | | | | | | | [illegible] |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY PUTZ - BENOIT CAMP # 2 Showing DATE _____

## ROCK SAMPLE REPORT

PROJECT 343

| SAMPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☒ AU PPB | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36043 | SILICIFIED BRECCIATED HORNFELS - BLEACHED SECTIONS - LARGE BRECCIATED OUTCROP - REP. CHIP ACROSS 2m. FREQUENT VUGGY RUSTY AND CLAY-(BLEACHED) PATCHES. | | CRAB - ACROSS 2m | | 160 | | | | | | | AT |
| 39701 | BRECCIA QZ AND SEDS - INTENSELY ALTERED, BLEACHED - VUGGY - BROWN ORANGE PALE - GREEN) AND CREAMY - COLORS ANGULAR - CLAST - SUPPORTED. - DISSEM. PY + ASPY (?) | 2-3 | GRAB | | 1374 | | | | | | | |
| 39702 | VUGGY QZ - CONTAINING PY + MINOR PY AS SEDS, STOCKWORKS AND LIMONITE STAINING COATINGS. | 3 | GRAB | | 541 | | | | | | | |
| 39703 | HORNFELS WITH FAINT WISPY PY + ASPY. | | GRAB | | 5 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY PLATS - BENNETT

DATE July 15/96

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4777 | Bleached intrusive, brecciated and cemented in fericrete. Pods of grey sulphides in areas that are limonite rich. ± 5% sulphides Subcrop → fract. O.C. | 5% | Grab | | 82 | | | | | | | Bennett |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY Ross - Bennett

DATE July 16/80

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4779 | Rusty light grey fine grained meta sed(?) w 1% py disseminated throughout. Small rock float in boulder field close to contact between pluton + seds | 1% | Float | | <5 | | | | | | | Bennett |
| 1780 | Rusty fine grained grey siliceous intrusive. Contains a 3% biotite and 4-5% finely dissem. py. Float near contact. | 4% | Float | | | | | | | | | |
| 4781 | Rusty O.C grab of grey fine grained intrusive (?) a 2% pyrite - some feldsp. recognizable | 2% | Grab | | | | | | | | | |
| 4782 | White intrusive = sugary text. = black spots 1mm diam.) 2% pyrite. Localized Float Subcrop? | 2% | Float | | | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Pitts – Bennett

N.T.S. _____

DATE July 18/90

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7369 | Weakly altd rusty black shale | | CHIP | 1m | 3 | | | | | | | Genest W + D.R. |
| 70 | | | | | 750 | | | | | | | |
| 37370 | Bleached white chalky intrusive w minor sulphides plus Qtz ~~blebs~~ veining w blebs massive arsenic | 6% | chip | 1m | 9120 | | | | | | | |
| 37372 | Bleached white chalky intrusive w minor sulphides | 1% | chip | 1m | 400 | | | | | | | |
| 7373 | Qtz veining w blebs massive arsenic and some pyrite | 3% | chip | 1m | 1520 | | | | | | | |
| 7374 | Bleached white chalky intrusive w minor sulphides | 1% | chip | 1m | 3960 | | | | | | | |
| 7375 | Same as #74 | 1% | chip | 1m | 840 | | | | | | | |
| 37376 | Weakly altered rusty black shales | | chip | 1m | 17 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY Tuts - Bennett

DATE July 18/90

PROJECT 343

## ROCK SAMPLE REPORT

| SAMPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37370 | Contact alteration of rusty black shales | | Chip | 1m | 760 | | | | | | | Grant W + DJK |
| 37377 | Bleached white chalky intrusive w minor sulphides and minor qtz veining containing arsenic | 5% | Chip | 1m | 420 | | | | | | | |
| 37378 | Bleached white chalky intrusive w minor sulphids and blebs of massive arsenic | 5% | Chip | 1m | 300 | | | | | | | |
| 37379 | Qtz veining w some arsenic contained within the veins and minor bleached white intrusive | 5% | Chip | 1m | 1130 | | | | | | | |
| 37380 | Qtz veining w blebs massive arsenic and areas of just massive arsenic | 40% | Chip | 1m | 2390 | | | | | | | |
| 37381 | Massive arsenic w some qtz veining | 60% | Chip | 1m | 4490 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY RUTS - BENNETT

DATE July 18/90

PROJECT 5413

## ROCK SAMPLE REPORT

| IPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73582 | Bleached white intrusive w minor sulphides and also contains qtz veining w arsenic | 5% | Chip | 1m | 710 | | | | | | | Bennett + D.K. |
| 73583 | Qtz veining w massive arsenic and bleached white intrusive | 5% | Chip | 1m | 940 | | | | | | | |
| 73584 | Weakly altered rusty black shales | | | | 140 | | | | | | | |
| 73585 | Bleached white intrusive w minor sulphides and qtz veining containing massive arsenic | 6% | chip | 1m | 3940 | | | | | | | |
| 73586 | same as #585 | 6% | Chip | 1m | 2130 | | | | | | | |
| 73587 | Qtz veining w blebs massive arsenic | 6% | Chip | 1m | 42.000 | | | | | | | |
| 73588 | Bleached white intrusive w minor sulphides (1%) and qtz veining w massive arsenic | 6% | Chip | 1m | 11440 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY Pitts - BENNETT

DATE July 15/90

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37389 | Bleached white chalky intrusive w minor sulphides and qtz veining containing massive arsenic | 6% | Chip | 1m | 24500 | | | | | | | Grant C + DSK |
| 37390 | Bleached white intrusive w minor sulphides and minor qtz veining containing massive arsenic. | 4% | chip | 1m | 300 | | | | | | | |
| 37391 | weakly alld rusty black shales | | chip | 1m | 53 | | | | | | | |
| 37392 | Bleached white chalky intrusive w minor sulphides | 1% | chip | 1m | 70 | | | | | | | |
| 37393 | Bleached white chalky intrusive w minor sulphides | 1% | Chip | 1m | 45 | | | | | | | |
| 37394 | same as above #93 | 1% | Chip | 1m | 15 | | | | | | | |
| 37395 | same as above #93 | 1% | Chip | 1m | 490 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY TOTS - BENNETT

DATE July 18/90

PROJECT 3-93

## ROCK SAMPLE REPORT

| SAMPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37396 | bleached white intrusive w minor sulphides | 1% | chip | 1m | 390 | | | | | | | [illegible] FOK |
| 37397 | Bleached white intrusive w minor sulphides and qtz veining containing ~~minor sulphides~~ massive arsen | 6% | chip | 1m | 420 | | | | | | | |
| 37398 | same as #97 | 6% | chip | 1m | 53100 | | | | | | | |
| 37399 | Bleached white intrusive w minor sulphides and also rusty and clay altd. | 1% | chip | 1m | 350 | | | | | | | |
| 37400 | same as 137399 | 1% | chip | 1m | 71 | | | | | | | |
| 39101 | Rusty and clay alt'd weathered intrusive | | chip | 1m | 52 | | | | | | | |
| 39102 | Rusty clay altd & weathered intrusive and also bleached white w minor sulphides | 1% | chip | 1m | 110 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY Russ - BENNETT

DATE July 18/90

PROJECT 5415

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ~~21033~~ | Bleached white intrusive | 1% | Chip | 1m | 179 | | | | | | | Kent-Ly |
| 9103 | with minor sulphides | | | | | | | | | | | FDK |
| | | | | | | | | | | | | |
| ~~39104~~ | Bleached white intrusive | 6% | Chip | 1m | 4550 | | | | | | | |
| 9104 | w minor sulphides containing | | | | | | | | | | | |
| | qtz veining hosting massive | | | | | | | | | | | |
| | arsenic | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 39105 | Bleached white intrusive | <1% | Chip | 1m | 12 | | | | | | | |
| | w minor pyrite and traces | | | | | | | | | | | |
| | of arsenic. Pasty white | | | | | | | | | | | |
| | color | | | | | | | | | | | |
| 9106 | " | | | | 40 | | | | | | | |
| 39107 | " | | | | 18 | | | | | | | |
| 39108 | " | | | | 19 | | | | | | | |
| 39109 | " | | | | 33 | | | | | | | |
| 39110 | " | | | | 32 | | | | | | | |
| 39111 | " | | | | 24 | | | | | | | |
| 39112 | " | | | | 18 | | | | | | | |
| 39113 | " | | | | 21 | | | | | | | |
| 39114 | " | | | | 17 | | | | | | | |
| 39115 | " | | | | 24 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY Ross - Bennett

DATE July 18/80

PROJECT (J) 5475

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 59116 | Bleached white intrusive w minor pyrite and traces arsenic. Pasty white wh- | <1% | CHIP | 1m | | | | | | | | Grant W & DSK |
| 59117 | " | | Chip | 1m | | | | | | | | |
| 59118 | " | | Chip | 1m | | | | | | | | |
| 59119 | Weakly alt'd rusty shale (black) | | Chip | 1m | | | | | | | | |
| 59120 | Bleached white intrusive w minor sulphides | 1% | chip | 1m | | | | | | | | |
| 59121 | Bleached white intrusive w minor sulphides and qtz veining containing massive arsenic | 6% | Chip | 1m | | | | | | | | |
| 59122 | same as #21 | 6% | Chip | 1m | | | | | | | | |
| 59123 | Bleached white intrusive w minor sulphides | 1% | chip | 1m | | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY PUTS - BENNETT

DATE July 18/90

PROJECT J 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 59124 | Bleached white intrusive tr minor sulphides | 1% | Chip | 1m | 320 | | | | | | | GE-FDK |
| 59125 | Bleached white intrusive tr minor sulphides and qtz veining containing massive arsenic | 6% | Chip | 1m | 24 | | | | | | | |
| 59126 | Same as #25 | | Chip | 1m | 51 | | | | | | | |
| 59127 | Bleached white intrusive tr minor sulphides | 1% | Chip | 1m | 21 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY Pats - Bennett

DATE July 20/90

PROJECT 393

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ Au | G☐ A☐ Ag | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9179 | Slightly altd sandy black shales | | chip | 1m | 15 | | | | | | | [illegible] + DJK |
| 91180 | Rusty, sericitized bleached white intrusive in green sericite staining ± 1% arsen in linear pods or minor veins | 1% | chip | 1m | 430 | 1.0 | | | | | | |
| 91181 | Same as #80 without arsen | | Chip | 1m | 74 | .1 | | | | | | |
| 91182 | Rusty fractured bleached white intrusive in minor sulphides | 1% | chip | 1m | 76 | .9 | | | | | | |
| 91183 | Green stain fractured bleached white intrusive in minor sulphides | 1% | chip | 1m | 350 | 1.4 | | | | | | |
| 91184 | Same as #83 in pods arsen | 2% | chip | 1m | 510 | 6.2 | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY Pets - Bennett

DATE July 20/90

PROJECT 343

## ROCK SAMPLE REPORT

| SAMPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17883 | O.C grabs of purple/blue intrusive w rusty weather surface. Very blocky fractures 1-1% biotite, 4-5% dissem sulph 6-8% felds, very siliceous. 51m from line 112+00E 199+00N @ 120° from sample to station | | Grab | | 3 | | | | | | | |
| 91885 | Grabs from O.C 65m @ 140° from 112+00E 199+00N. Blue grey intrusive, bleached w rusty weather surface dissem arsenno to <5% w a few small localized pods of arsenno. | <5% | Grab | | 11 | | | | | | | |
| 91886 | 65m from 200+00N 113+25E @ 034° from sample to grid. Bleached white intrusive w rusty weather surface. Qtz rich w pods arsenno to 5% scorodite staining Grabs | 5% | Grab | | 1150 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY Ruth - Bennett

DATE July 24/90

PROJECT 345

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 47785 | Subcrop/talus of bleached white intrusive = qtz eyes and <1% disseminated arsenopyrite. Radiating needle-like xtals of tourmaline on fracture surface. some rust and biotite (?) << 1% | <1% | Float | | 5? | | | | | | | Gervais |
| 47786 | @ bearing of 140° from #785 to #786 75 m. More talus of bleached intrusive = qtz stringers and veins to 10cm thick. manganese staining slight green tinge and <1% sulphides | <1% | Float | | 2 | | | | | | | |
| 147787 | Dark grey to dark maroon siliceous rock. (tonalite) shales (?) + 1% stringers arseno O.C grab. trends 123°/63°E | 1% | Grab | | 2 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY Pats Bennett

DATE July 24/90

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1788 | Bleached white intrusive, chalky w 1% dissem. arsen. Lightly rusty to buff weather surface. Sporadic Subcrop grab. Trends (30° | 1% | Grab | | 42 | | | | | | | Bennett |
| 1789 | Chalky white weather surface w light grey fresh intrusive. Next to #88. 1-2% dissem arsen. Subcrop Grab. | 1% | Grabs | | 51 | | | | | | | |
| 1790 | Very rusty O.C. of rocked shale w 2% finely dissem sulphides. | 2% | Grab | | 12 | | | | | | | |
| 1791 | Subcrop Grab 20 m up slope from #90. Rusty white qtz eye intrusive (Porphyry) w 1% arsen dissem through out and higher concentrated pods in places. Trace pyrrhotite | 1% | Grab | | 43 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY Pats - Bennett

DATE July 24/90

PROJECT 543

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1792 | @ top of carousel Mtn. Rusty white bleached intrusive & grey fresh surface. <1% disseminated sulphides, <1% biotite, siliceous. Trends 000° subcrop ≈ 3ft wide @ 6720' elevation | <1% | Grab | | 1 | | | | | | | Sinclair |
| 1793 | @ break in slope. O.C. grab of very rusty angular frags in breccia/conglomerate. Fenicrete? Sits directly on top of shales. Sed frags + qtz frags main constituents. Frags 1/4 cm to 10 cm diam. O.C. trends 165° | | Grab | | 2 | | | | | | | |
| 1794 | Rusty bleached intrusive. 15-20% qtz eyes, 20% feldsp. 1% light grey mica. Siliceous. Feldsp clay alter. Light grey fresh surface | | Float | | 3 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY Tuts - Bennett

DATE July 25/90

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4795 | Float of chloritized bleached white intrusive, brecciated w frags qtz containing 2% fine arseno. Green & white weather surface + rusty. Rusty & white fresh. | | Float | | 250 | | | | | | | Fremstad |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY "Rusty" - BENNETT

N.T.S. _____

DATE July 26/90

PROJECT 5405

## ROCK SAMPLE REPORT

| IPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ Au | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1796 | Rusty, tan colored Alt'n feldsp' porphyritic intrusive w grey fresh surface. Felds' destroyed all (3% of rock) <1% sulphides (very rare) C.C. Grabs. IN shales, trends 145° | <1% | Grab | | 25 | | | | | | | Ernst. |
| 1797 | Same as #96 except w 1% pyrite cubes ½ mm diam 5m E of #96 | 1% | Grab | | 22 | | | | | | | |
| 1798 | Rusty bleached white QFP w 1-3% pyrite cubes and traces arsenic. | 1% | float | | 53 | | | | | | | |
| 4799 | Same as #98 except this one is in subcrop on top of knoll. Grabs. | 1% | Grab | | 4 | | | | | | | |

G = GEOCHEM  A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY Pitts - Bennett

DATE July 26/90

PROJECT 343

## ROCK SAMPLE REPORT

| SAMPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ Au | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18500 | O.C / Subcrop grabs 50m down ridge towards the South from 114799 Rusty weathered grey siliceous intrusive w 1-2% arsenopyrite dissem throughout. Slight yellow staining in places. Trends 044° to 024° | 1% | Grabs | | 47 | | | | | | | Bennett |
| 38331 | Rusty weathered grey intrusive (dk porphyry w grey green fresh surface and up to 5% arsen). Float | 5% | Float | | 18 | | | | | | | |
| 38332 | Same as #38331 except w 5-10% finely dissem arsen. Subcrop (?) Trends downhill ≈ 130°. Sample 10m up hill from #31 | 5% | Grabs | | 9 | | | | | | | |
| 38333 | Same as #32. 15m on 130° bearing up slope from #32 float / subcrop? | 5% | Float | | 2 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. _____

PROPERTY Russ - BENNETT

DATE July 26/90

PROJECT 3-73

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ Au | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 83341 | Rusty siliceous grey intrusive 5% arsen. Float in 30m long streak of talus in small knoll | 6% | Float | | 27 | | | | | | | Gauthier |
| 83345 | Rusty siliceous grey intrusive. 4-5% arsen disseminated. Frost heave float. In hummocky terrain | 7% | float | | 52 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Putz- Bennett.

N.T.S. 105 O/1+2

DATE 15/07/90

PROJECT 343

## ROCK SAMPLE REPORT

| IPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ Au | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 122093 | fresh greenish-grey qtz-porphyritic intrusive w 1-2% large qtz xtals, tr fspar megacrysts. contains diss po 1-2% (+asp) | | float near o/c | | 3 | | | | | | | D.H. |
| 122094 | composit sample of fine talus: shales coated by pink to red soft material (fe oxide) | | float | | 5 | | | | | | | |
| 122095 | Euhedral + massive qtz w pinkish Fe stainins in what seems like bleached brecciated shale. | | float | | 7 | | | | | | | |
| 122096 | Fragmental Rx (breccia) consisting of grey mineralized Fx + matrix + yellowish coatings + filling vugs. Visible asp 1(2%). If all grey is mineralized then sulph ? 5% | 1-2% | float | | 1060 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Putz- Bennet

N.T.S. 105 O/1+2

DATE 15/07/90

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 122097 | dark shale containing blebby py and in stringers. Also on fracture surfaces. py varies 0.5 → 2%. Average 1% | 1% | Float | | Z1 | | | | | | | D. H. ↓ |
| 122098 | dk shale containing 1-3% diss py on fract. surf. (≈1/cm) strong sulph. smell + staining. | | Float few feet below | | 66 | | | | | | | |
| 22099 | brownish f.g. sulphides | | Float | | 32 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105 O/1+2

PROPERTY Putz-Bennett

DATE 16/07/90

## ROCK SAMPLE REPORT

PROJECT 343

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 122100 | Punky yellow + green stained f.g. grey rock w strong sulphide smell. Grey, slightly porous matrix. Py in little pods 1%. maybe more if grey material is mineralized. | | float not far from o/c | | L | | | | | | | D. H. ↓ |
| 122101 | f.g. white to grey sugary qtz w py cubes (<1%), diss py or po (tr) and po or asp (tr) and v.f.g. sulphides. (Heterogeneous distr in qtz). total 1% sulph. Cut by yellow granular qtz veinlets containing vugs lined w euhedral qtz. Witness sample is low grade. | | float on Rx glacier | | L | | | | | | | |
| 122102 | Breccia consisting of siliceous FX w grey band 2-3cm of dark f.g. grey material containing at least 10% asp. | | float. | | 580 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Putz- Bennet

N.T.S. 105/1+2

DATE 16/07/90

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ Au | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 122103 | Breccia consisting of Fx of massive or semi-massive asp w yellow orange + greenish cement. Also dK f.g. Fx, probably w very fine mineralization | asp | float | | 1680 | | | | | | | D. H. ↓ |
| 122104 | Chalky white altered intrusive w specs of muscovite and zones of grey material | | float | | 1 | | | | | | | |
| 122105 | Asp high grade vein or pod exposed for 1m x 2m max/seems discontinuous. Chunks + xtals of asp + py in greenish siliceous matrix. | asp 10-15% py 2-5% | o/c | | 390 | | | | | | | |
| 122106 | Thin qtz vein + F.g. siliceous Rx w fine spots of diss po (2-3% + <1% py on fracture surfaces) | po 2-3% py <1% | o/c | | 15 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105 O/1+2

PROPERTY Putz- Bennett

DATE 16/07/90

## ROCK SAMPLE REPORT

PROJECT 343

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 122107 | dk f.g. sediment (?) w blobs + coatings of py. Py also f.g. diss total ≈ 2% | py 2% | o/c | | 1 | | | | | | | D. H. ↓ |
| 122108 | Altered grey, green + yellow schistose zone w f.g. sulphides. Partly altered to clay (shear or fault?) No witness sample. | | o/c grab | 20cm | 1 | | | | | | | |
| 122109 | DK f.g. int → maf. intrusive containing fspar laths, f.g. chloritic? + biotite. Contains ≈ 1% py, < 1% asp + < 1cm thick vein of xtalline asp. (Witness sample doesn't contain vein). | | o/c | | 1260 | | | | | | | |
| 122110 | Light grey f.g. siliceous Rx w fine spots of diss po. 2-3% + ≤ 1% py on fracture surfaces | | o/c | | 2 | | | | | | | |

G = GEOCHEM A = ASSAY

6/23

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Putz - Bennett

N.T.S. 105 O/14 2

DATE 16/07/90

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 122111 | Banded white + dk grey Rx, probably shale w injection of qtz veinlets, slightly sheared w diss py + in pods: 2-3%. At "contact" between grey massive + red platy sediment | py 2-3% | o/c | | 12 | | | | | | | D.H. ↓ |
| 122112 | Punky yellow-green-+red sulphide pod in sediment. sulph. at least 15% | 7/15% | o/c | | 27 | | | | | | | |
| 122113 | High grade asp in or cutting through shales → selvage is bleached + mineralized | asp+ stov. | o/c spot | 15cm | 11790 | | | | | | | |
| 122114 | Same description but more heterogeneous mins. | | o/c roughchip | ~~1.5m~~ 60cm | 230 | | | | | | | |
| 122115 | Zone of qtz + sulph in f.g. siliceous homogeneous sugary Rx. dir + thickness unclear. | ? | o/c | | 17 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY PUTZ- BENNETT

N.T.S. 105 O/1+2

DATE 16/07/90

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 122116 | 10 cm qtz vein (clear, grey+white) contains some Rx Fx, +5cm host, | | o/c grab | 15cm | Z4 | | | | | | | D. H. |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Putz - Bennet

N.T.S. 105 O/1+2

DATE 17/07/90

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ Au | G☐ A☐ Ag | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 122117 | F.g. dk grey sed. cut by veins and pods of very clear grey qtz, loc. euhedral containing acicular needles of brownish green xtal (tourm?). No witness, nothing left in field. | | float | | 515 | | | | | | | D. H. ↓ |
| 122118 | u.f.g. grey-brown mafic int-? (hornfels?) cut by massive asp vein (or contains band) ≤ 1cm thick. Some scorodite. band is discontinuous, sometimes only open ugs. Rx is dense. Striated surface // to asp band. | | float | | 111 | | | | | | | |
| 122120 | Yellow + green (scor.) altered shale, fractured - host for #121. contains tr- <1% asp | asp tr- <1% | ~~float~~ just fallen off o/c | | 46 | 1.8 | | | | | | |
| 122119 | Qtz vein 10-15 cm. | | just fallen off o/c | | 148 | | | | | | | |
| 122121 | Chalky white qtz-porph. intrusive ≈ 3m thick. loc. slight scor. alt. asp tr. | asp tr- | o/c | | 1 | | | | | | | |

D 122120 ... next page

G = GEOCHEM A = ASSAY

9/23

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105 O/1+2

PROPERTY Putz - Bennet

DATE 18/07/90

## ROCK SAMPLE REPORT

PROJECT 343

| SAMPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ Au | G☐ A☐ Ag | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 122123 | f.g. grey sil. intrusive w qtz porph. w spots of diss. sulphides (po ?) ≈ 2% | 2% po ? | o/c ? | | 1 | | | | | | | D. H. ↓ |
| 122124 | white siliceous intrusive w scorodite alteration on fractures. (+ qtz ? difficult to say). | | float | | 1020 | | | | | | | |
| 122125 | In intrusive ? high grade diss. c.g. asp in qtz + scorodite matrix Asp 15% | asp 15% | float | | 61650 | | | | | | | |
| 138626 | chalky altered intrusive w qtz injection + scorodite + asp zones, probably discordant. Sample is high grade : 1cm wide vein of asp + scorod. | 1cm wide asp vein | o/c | | 8200 | 1.2 | | | | | | |
| 138627 | Qtz-porphyritic intrusive w slight green alteration. No visible sulphides | | o/c | | 13 | | | | | | | |
| | | | | | 24 | 5.7 | | | | | | |
| 122122 | sampled by Derik : massive f.g. diss po + asp in dk rock | py po 20% | | ← | ← from memory. | | | | | | | |

G = GEOCHEM A = ASSAY

10/23

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Putz - Bennett

N.T.S. 105 O/1+2

DATE 19/07/90

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38628 | Punky green weathering, very altered Rx w dk + white qtz + mica. sulph. tr. Occasional strong sulphide smell. | tr. | o/c? composite | | 12 | | | | | | | D.H. ↓ |
| 138629 | → host to 628: fissile green Rx possibly altered intrusive. Grey on fresh surface w v. small plag? xtals. | | o/c. | | 7 | | | | | | | |
| 138630 | Grey massive + f.g. qtz (or qtzite?) w pockets of f.g. dk grey spots, cut by clear + rusty spot qtz veins, + orangy mica w open space + euhedral qtz. | | float on Rx glacier | | 26 | | | | | | | |
| 138631 | Pod of f.g. massive sulphide (40cm x 3m) in massive sed. diss py + cp in punky matrix sulph. at least 20-30% (heterogeneous). | py + cp 20-30% | o/c. | | 7% Cu. | | 195, 13 Hg ↙ 150 ppb Au | | | | | |

G = GEOCHEM A = ASSAY

11/23

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105 O/1+2

PROPERTY Putz - Bennett

DATE 19/07/90

## ROCK SAMPLE REPORT

PROJECT 343

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138632 | f.g. white + grey qtz containing thin brownish bands. loc. vuggy w euhedral qtz + fine brown-green needles. Asp tr-1% in pods. loc. scorodite alteration | Asp tr-1% | float | | 11 | | | | | | | D. H. ↓ |
| 138633 | same as 632 but o/c. 15-20cm wide vein. sample in massive qtz + contains lath-like sulph. (too dark for asp?) and bands of seds. Some asp i.d. (<1%) + tr scorod. alt. | asp <1% ? | o/c | 15cm | 8 | | | | | | | |
| 138634 | same as 633 but w veinlets and pods of asp. Some vugs w euhedral qtz. | asp 1% loc 2% | o/c rough chip | 40cm | 12 | | | | | | | |
| 138635 | in trail of white float. Chalky white intrusive brecciated by network of f.g. grey material. Some tourmaline on fractures. | | float | | 3 | | | | | | | |

G = GEOCHEM  A = ASSAY

12/23

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105 O/1+2

PROPERTY Putz - Bennett

DATE 20/07/90

PROJECT 343

## ROCK SAMPLE REPORT

| SAMPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138636 | In zone of yellow green sulphide staining in rusty sediment w diss blebs + stringers of po + py 1-2%, sulph ass. w f.g. qtz patch's | | o/c | | 1 | | | | | | | D. H. ↓ |
| 138637 | f.g. intrusive or altered sed? greenish grey w thin stringers of py-po + also diss. total 1-2% No witness. | py po 1-2% | o/c | | 8 | | | | | | | |
| 138638 | Chalky bleached (where weathered) qtz + fspar porph. intrusive w slight sericite alt w. v.f.g. diss sulph (py + asp?) <1% | <1% | | | 7 | | | | | | | |
| 138639 | Greenish intrusive (chlorite green) cut by 2-3 mm thick qtz-py wiglets total py 1% also vFg diss sulph. | | float in line w intrusive | | 2.8 | | | | | | | |
| 138640 | Grey + rusty qtz brought back by Nathalie L 102+00 E, 20+75 N | | float | | 1 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105 O/1+2

PROPERTY Putz- Bennett

DATE 21/07/90

## ROCK SAMPLE REPORT

PROJECT 343

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138641 | f.g. siliceous hard Rx (sed) w little fespar xtals cut by network of mm qtz veinlets. Weathered out square, roundish or 5-sided xtals. | | o/c | | 1 | | | | | | | D. H. ↓ |
| 138642 | Qtz porphyritic felsic intrusive w slight green tinge (sericite?) vfg diss sulph tr-1% | tr-1% | o/c | | 1 | | | | | | | |
| 138643 | White + rusty qtz w micaceous incl. w needle-like xtals. | | o/c | | 1 | | | | | | | |
| 138644 | felsic intr. altered to light green (scor?) just down from o/c. | | float | | 220 | | | | | | | |
| 138645 | Intrusive. qtz tseds caught in shear- sample is f.g. sugary qtz slightly greenish w fractures + loc Fe staining. | | o/c. | | 10 | | | | | | | |
| 138646 | f.g. sugary qtz + silicified + altered sed., a few m above intr. | | | | 4 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105 O/1+2

PROPERTY Putz - Bennett

DATE 22/07/90

## ROCK SAMPLE REPORT

PROJECT 343

| SAMPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ Au | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138647 | Grey to purplish hornfels. Contains blebs / diss + in stringers of po (1-2%), py (tr-$ <1%) asp tr - <1%, cp tr. total sulph 1-2% | 1-2% po py asp cp | o/c | | tr/ <1 | | | | | | | D. H. ↓ |
| 38648 | Rusty weathering hornfels, slightly banded w biot-rich zones. Contains sulph diss + in patches: py diss + stringers 1-2% po ? tr-1% ? cp tr - <1% asp - in stringers - ass w epidote ± sericite? - coated fractures - tr - <1% total sulph 2 - 3% | 2-3% py po cp asp | float | | 164 | | | | | | | |
| 138649 | d.k. grey hornfels w 1% py in stringers and / or on fract. planes. nothing left in field. | | float in % area | | 5 | | | | | | | |
| 138650 | White + yellow f.g. sugary qtz sinusoidal vein. | | o/c | | 4 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105 O/1+2

PROPERTY Putz- Bennett

DATE 22/07/90

## ROCK SAMPLE REPORT

PROJECT 343

| SAMPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138603 | Very altered Rx (hornfels?) brecciated in limonitic or other Fe oxide matrix (fault?) same py+asp seen but hard to see anything | py asp ? | | | 10 | | | | | | | D.H. ↓ |
| 138604 | Also breccia, Fx look like sericitized sed. loc pyritized. f.g. py 3-4% in Fx, total 1-2%. Iron oxide staining. no witness | py 1-2% | o/c | | 12 | | | | | | | |
| 138605 | Fe-stained sed (?) w diss & py on fract. planes (<1%) | py <1% | o/c | | 5 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105 O/1+2

PROPERTY Putz - Bennet

DATE 23/07/90

## ROCK SAMPLE REPORT

PROJECT 343

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138606 | White qtz - ~~asp~~ porph. intrusive w some fspar megacrysts. Contains py cubes (1-2%) and has slight yellow-green alteration. | py 1-2% | float | | 11 | | | | | | | D. H. ↓ |
| 138607 | Same intrusive but greener matrix. py in cubes and in diss blebs 2%, asp in blebs (+in laths ?) tr. slight yellow-green alteration | py 2% aspy | float | | 14 | | | | | | | |

G = GEOCHEM A = ASSAY

17/23

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105 O/1+2

PROPERTY Putz - Bennett.

DATE 24/07/90

## ROCK SAMPLE REPORT

PROJECT 343

| SAMPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138608 | Slightly sheared + qtz injected hornfels w stringers of f-mg asp (≤1%) and po(≤1%) ass w chloritic zones. total sulph 1-2% | asp po 1-2% | float on o/c | | 31 | | | | | | | D. H. ↓ |
| 138609 | f.g. granitic vein, 10-15cm wide, altered punky beige, some qtz xtals still visible. Rusty fe-oxide spots (alt py?) 1-2%. Sample includes 5cm selvage on each side. | | o/c | 25cm | 5 | | | | | | | |
| 138610 | f.g. white aplitic intrusive w tr sulph. weathered chalky white alt. | | o/c | | 5 | | | | | | | |
| 138611 | Green (chloritic), micaceous + slightly qtz injected hornfels containing heterog. diss. sulph tr-2% Some asp. id. but proportion undetermined. Probably po ≈ 1% asp tr-1% | po 1% asp tr-1% | o/c | | 5 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105/O 1+2

PROPERTY Putz - Bennett

DATE 24/07/90

## ROCK SAMPLE REPORT

PROJECT 343

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ AU | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138612 | Green (chl + qtz + musc) Rx (w one 5mm qtz veinlet) containing 1-2% diss sulph, loc in small stringers. Altered hornfels?, chlorite zone? py ≤1%, po ≤1% asp tr-<1% sp, tr- | py 1% po asp sp 1-2% | o/c | | 46 | | | | | | | D.H. ↓ |
| 138613 | Hornfels in network of f.g. Cpy ± Qtz veining | | | | 5 | | | | | | | |
| 138614 | f.g. siliceous hornfels contains bio + v.f.g. sulphides (<1%) cut by small veinlets containing py (<1% total) | <1% | o/c | | 7 | | | | | | | |
| 138615 | f.g. grey (greenish) hornfels containing f.g. mica (+vfg. Fe sulph?) and diss. grains + stringers of py + po sulph ≈1% (up to 2% if v.f.g. material is sulph. | | o/c | | 3 | | | | | | | |
| 138616 | Green purple hornfels w chlorite plans w med. grained asp (loc. irridescent. also asp. diss + in stringers ~ 4% | asp 4% | float | | 200 | | | | | | | |

G = GEOCHEM A = ASSAY

PROPERTY Putz- Bennett

N.T.S. 105 C 12

DATE 25/07/90

PROJECT 343

## ROCK SAMPLE REPORT

| SAMPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138617 | Purplish hornfels w chlorite planes and thin qtz bands asp diss + in stringers ≈ 2% | asp 2% | float | | 6 | | | | | | | D.H. ↓ |
| 138618 | very Fe-stained hornfels. Where fresh Rx visible: patches of sulph: py + asp 1-2%. Some altered mica on fract. surf. | py asp 1-2% | o/c | | 10 | | | | | | | |
| 138619 | Purple (Fe-stained) and yellow discordant qtz vein (irregular ≈ 10 cm). Some vugs. | | o/c | | 10 | | | | | | | |
| 138620 | Hornfels w chlorite planes + 1% (+2%) asp (+py) diss + in stringers | 1% asp (py) | float | | 5 | | | | | | | |
| 138621 | Mineralized grey hornfels dissected by anastamosing schistose planes containing <1% stringers of po. Some tourm. In "Fx": f.g. asp ≤ 1%, po < 1%. total sulph 1-2% | 1-2% po asp. | o/c | | 10 | | | | | | | |

G = GEOCHEM A = ASSAY

ass. w. f.g. qtz band

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Putz - Bennet

N.T.S. 105 O/1+2

DATE 25/07/90

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ Au | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138622 | siliceous looking hornfels w bands of f.g. sugary qtz containing py + mt? + tr. cp. and pod of f.g. qtz + f.g. py (10%) total sulph 1-2%. | 1-2% py cp tr | o/c grab | 20cm | 28 | | | | | | | D.H. ↓ |
| 138623 | same as 622 + some porosity w f.g. euhedral qtz + v.f.g. sulph. | 1-2% | o/c | | 15 | | | | | | | |
| 138624 | same, w sericitized phenos asp + po 2% | asp to 2% | o/c | | 11 | | | | | | | |
| 138625 | Same, very schistose w pods of sulphides. | | o/c | | 14 | | | | | | | |
| | | | o/c? | | 30 | | | | | | | |
| 138651 | sheared felsic intrusive w diss asp (+po?) 1%. flag unnumbered | asp (po) 1%. | | | | | | | | | | |
| | | | | | 1 | | | | | | | |
| 138652 | Massive f.g. hornfels w diss sulphides w one patch of weathered py (1%), mostly ass. w. f.g. qtz band | py 1% | o/c? | | | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Putz - Bennett

N.T.S. 105 O/12

DATE 24/07/90

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138653 | Grey greenish hornfels w mm-spaced chloritic planes w f-m.g. asp (2-3%) | asp 2-3% | float base of cliff | | 240 | | | | | | | D. H. ↓ |
| 138654 | Punky yellow-green altered Rx with "Fx" of grey material in frothy white-yellow matrix | | float in stream | | 920 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Putz - Bennett

N.T.S. 105 O/12

DATE 25/07/90

PROJECT 343

## ROCK SAMPLE REPORT

| MPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138655 | zone of qtz injection in hornfels near contact w granitoid. mm-5 cm veins // to f w tr asp + tr cp. | asp cp tr. | o/c | | = | | | | | | | D. H. ↓ |
| 138656 | Slightly greenish siliceous intrusive w Mn stainings + rusty sulphides 1% Rx + hornfels host cut by mm->cm qtz veins. | 1% | float | | 6 | | | | | | | |
| 138657 | Fragmental Rx : breccia? fenricrete? white to grey Fx sub angular in punky yellow-green matrix. Fe-oxide stainings. | | o/c | | 7 | | | | | | | |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105 O/16 2

PROPERTY Putz - Bennett

DATE 27/07/90

## ROCK SAMPLE REPORT

PROJECT 343

| SAMPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38658 | very altered green + yellow Rx w visible grey patches cut by mm qtz veinlets. Rusty surfaces. | | o/c ? | | 1120 | | | | | | | D. H. ↓ |
| 38659 | Punky yellow + green (scor?) alteration on fract. surf of hornfels containing asp? needles (1-3%) and f.g. py on fract. <1%. | asp 1-3% py <1% | o/c | | 550 | | | | | | | |
| 38660 | Punky yellow + green porous Rx w grey mineralized Fx w yellow + white cement. breccia? sulph 1% | 1% | float in stream | | 1680 | | | | | | | |

G = GEOCHEM A = ASSAY

# APPENDIX III

# DETAILED GEOPHYSICAL REPORT

noranda

NORANDA EXPLORATION CO. LTD.

VANCOUVER, B.C.

**MEMO TO** : K. Galambos
**FROM** : L. Bradish
**DATE** : 16 November 1990
**SUBJECT** : PUTZ-BENNET : Geophysical surveys - August, 1990

---

During August of 1990, a magnetometer survey was completed on the Putz-Bennet property, located northeast of Ross River and east of Stewart Crossing, near the Yukon-NWT border. The survey was carried out under contract by Amerok Geophysics Ltd. of Whitehorse, Yukon Territory.

The magnetometers employed on the survey were EDA Omni4 units consisting of two field magnetometers and one recording base station magnetometer. The Total Field readings were recorded at 12.5 meter intervals on lines that were nominally 200 meters apart. All applicable corrections (day to day and diurnal) were applied to the data to ensure a high sensitivity survey. The data is presented in plan at a scale of 1:10,000, contoured at a 50 Nt interval. A compromise trend bias of azimuth 137° was applied to the data to enhance its visual appearance, which was based on an obvious 160°-170° lineation in the magnetic data. Approximately 47 Km of survey were completed.

## DISCUSSION OF RESULTS

Several magnetic 'terrains' are evident in the dataset and approximate boundaries are as illustrated on the plan map and described as follows:

**T I** : This signature is mapped at the west end of the grid from Line 10000E to 11400E and is characterized by a high and variable magnetic susceptibility. Interior to this unit there is a narrow but significant dike signature over a distance of 600+ meters at an azimuth of 135°, reflecting a localized concentration of magnetic mineralization.

T II : This magnetic high centred at L.12400E/20150N is suggestive of a small intrusive source (plug/wide dike ?). A large magnetic gradient or overprint is recorded on the south flank indicating the source extends to significant depth. A second possible 'plug' is interpreted at L.13400E/20200N, however this may also be sourced by a close pair of short strike length dikes.

T III : This unit is of low and uniform magnetic susceptibility (sediments) and forms the 'background' magnetics for this property grid, particularly in the grid south and east sections of the property grid.

There are a number of magnetic 'breaks/faults' that are evident in the data and these are as illustrated on the plan map. The most prominent break direction is 160°-175°, followed by 110° and 135°. There is no magnetic indication as to relative movement, if any along these structures.

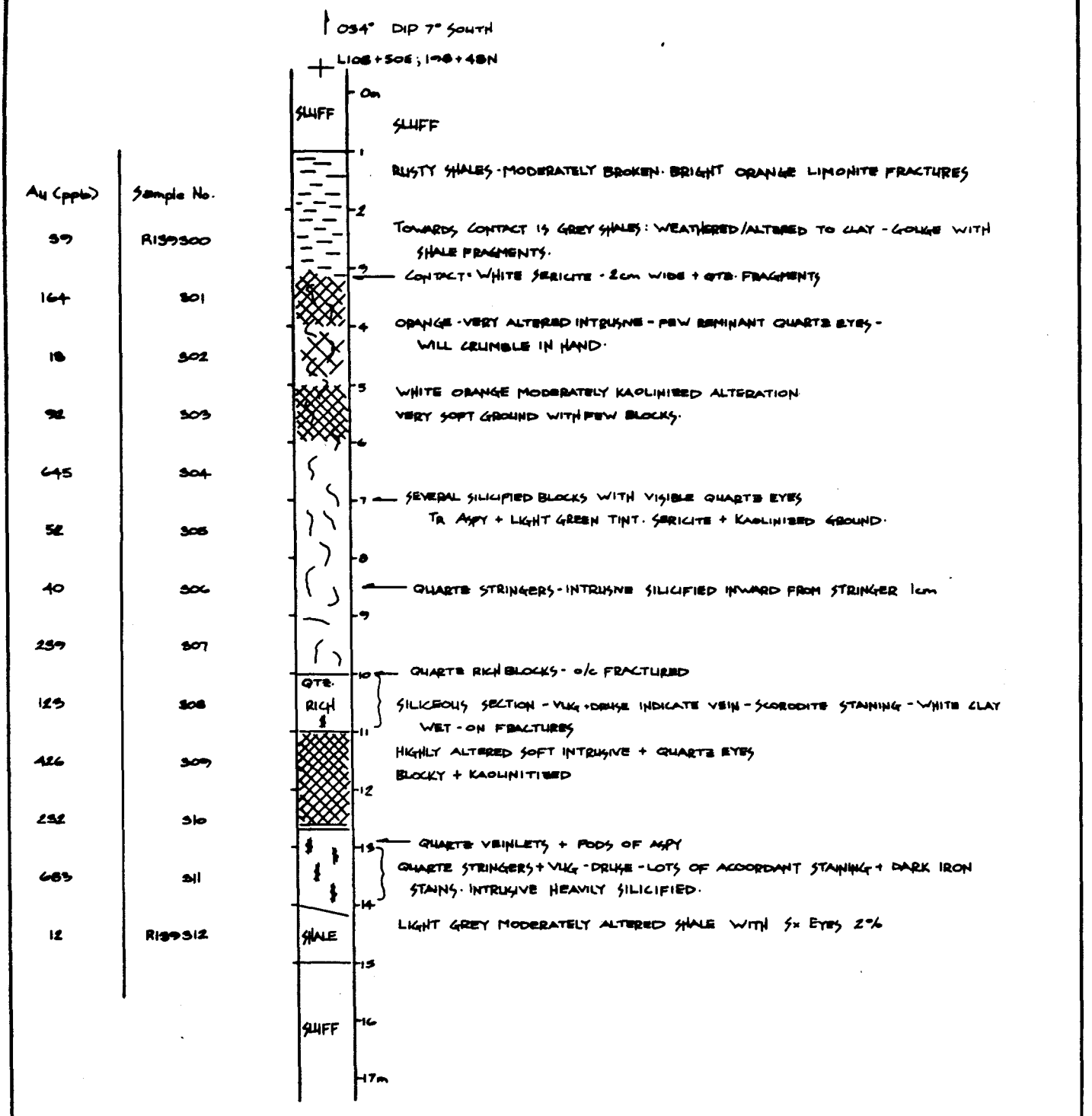
Magnetic dike signatures are identified on the plan map, with a prominent pair located in and around L.14400E/20600N, and a third associated dike at 13850E/20550N, all striking at 160°-165°, parallel and east of an indicated and significant magnetic break. An additional group of dike responses is also interpreted at L.12400E/20475N, L.13400E/20250N and 13250E/20100N, all striking at approximately 160°. A single 055° dike signature is recorded along Line 13400E/20500N.

## CONCLUSIONS

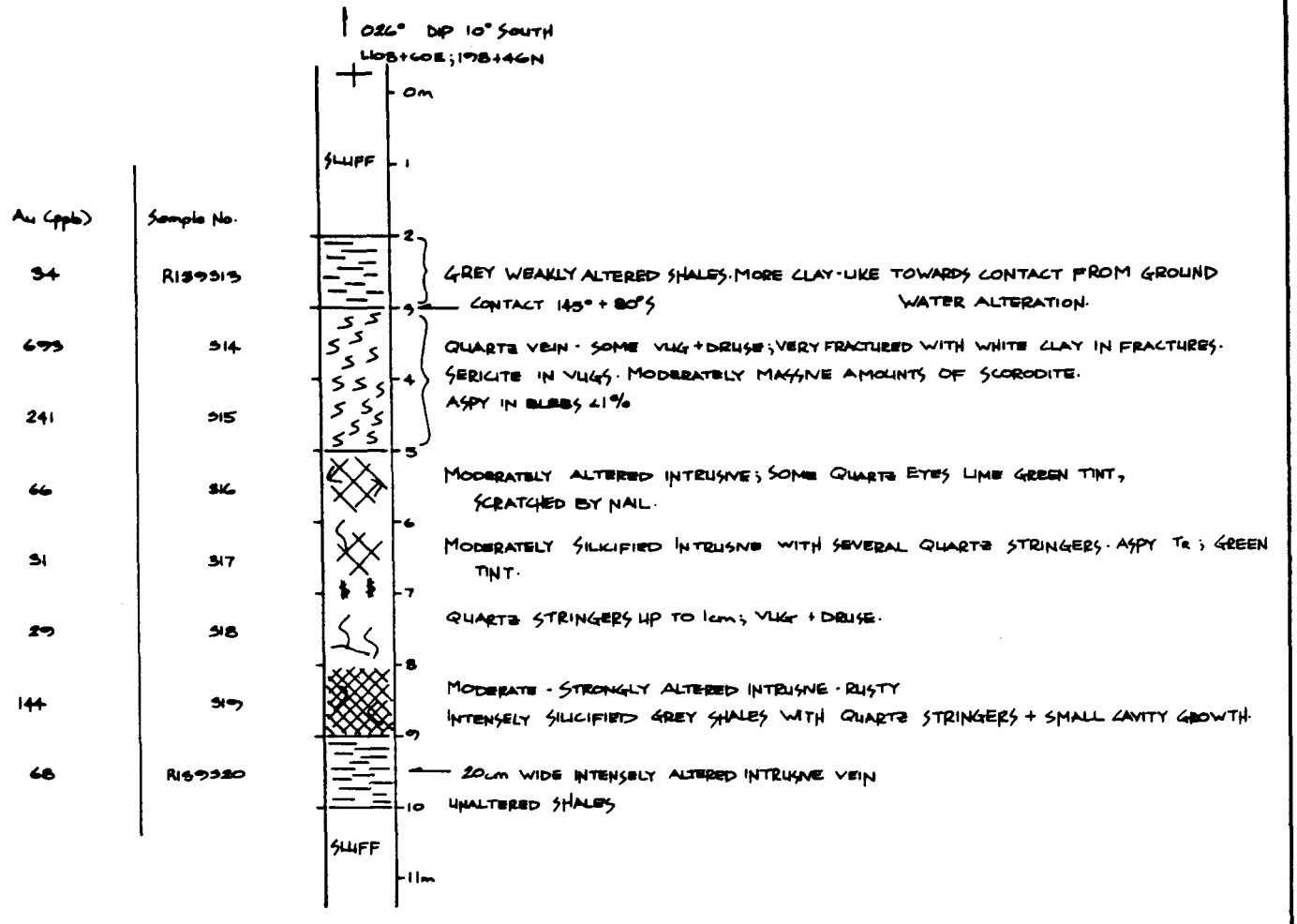
The magnetometer survey has identified three significantly different magnetic terrains, within which (T III) there are a number of narrow dike responses of interest. Both the dike responses and structure responses have been mapped along a predominant 160°-175° direction which appears to truncate at or near the 20000N baseline, where 110° and 135° fault signatures are partially identified.

# APPENDIX IV

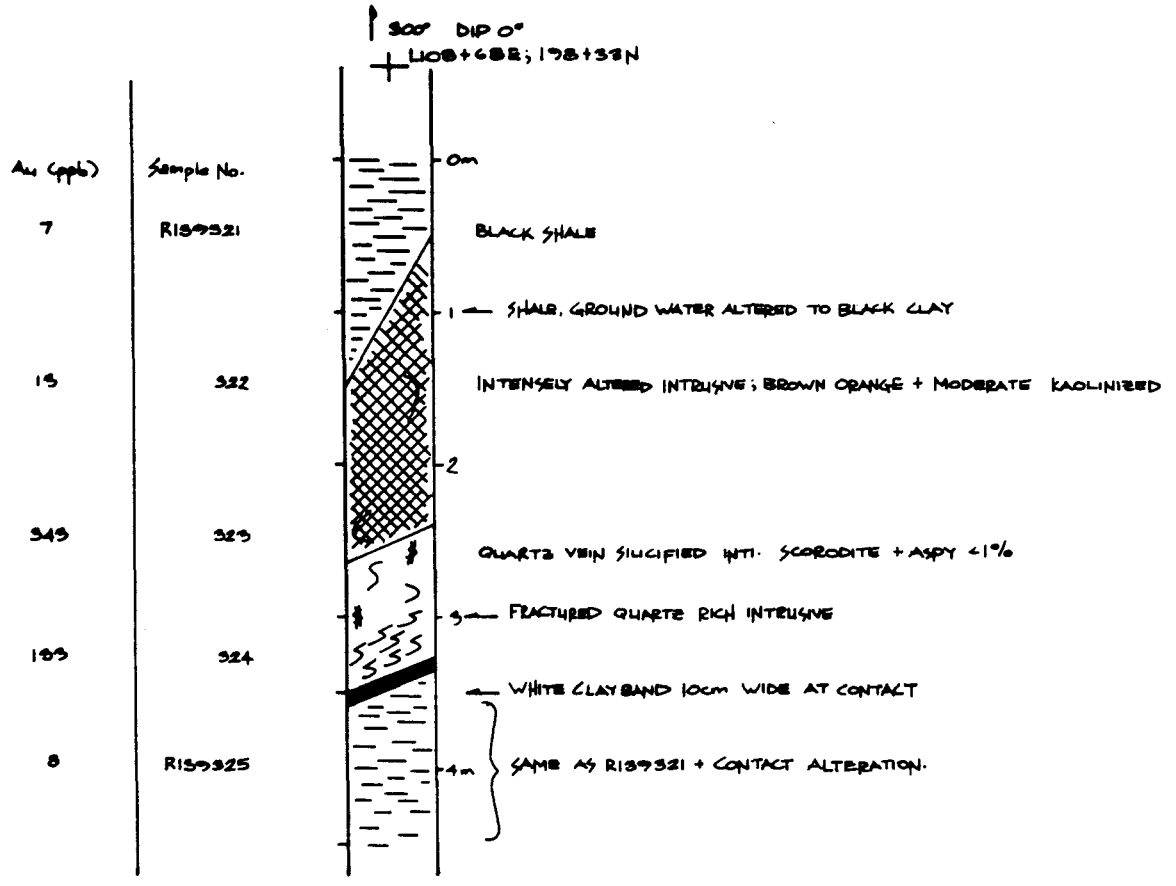
# TRENCH MAPS




| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-01 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH — DATE : DECEMBER 1990 |
| N.T.S. : 105 I&2 | DRAWN BY : HANDESIGN — SCALE : 1 : 100 |
| DWG. No. : | **NORANDA EXPLORATION** |
| | OFFICE : WHITEHORSE |



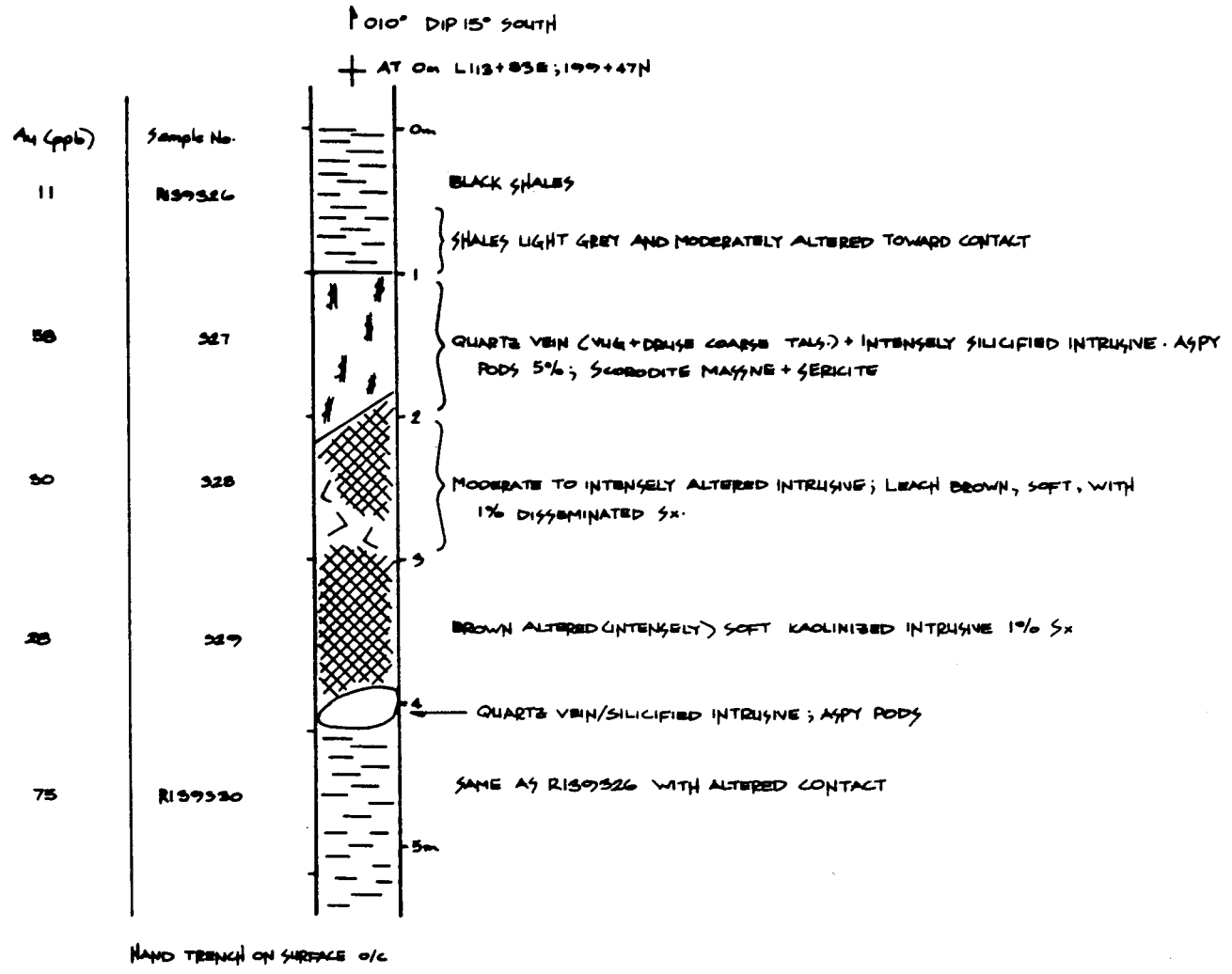

| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-02 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 105 I&2 | DRAWN BY : HANDESIGN SCALE : 1:100 |
| DWG. No. : | **NORANDA EXPLORATION** |
| | OFFICE : WHITEHORSE |



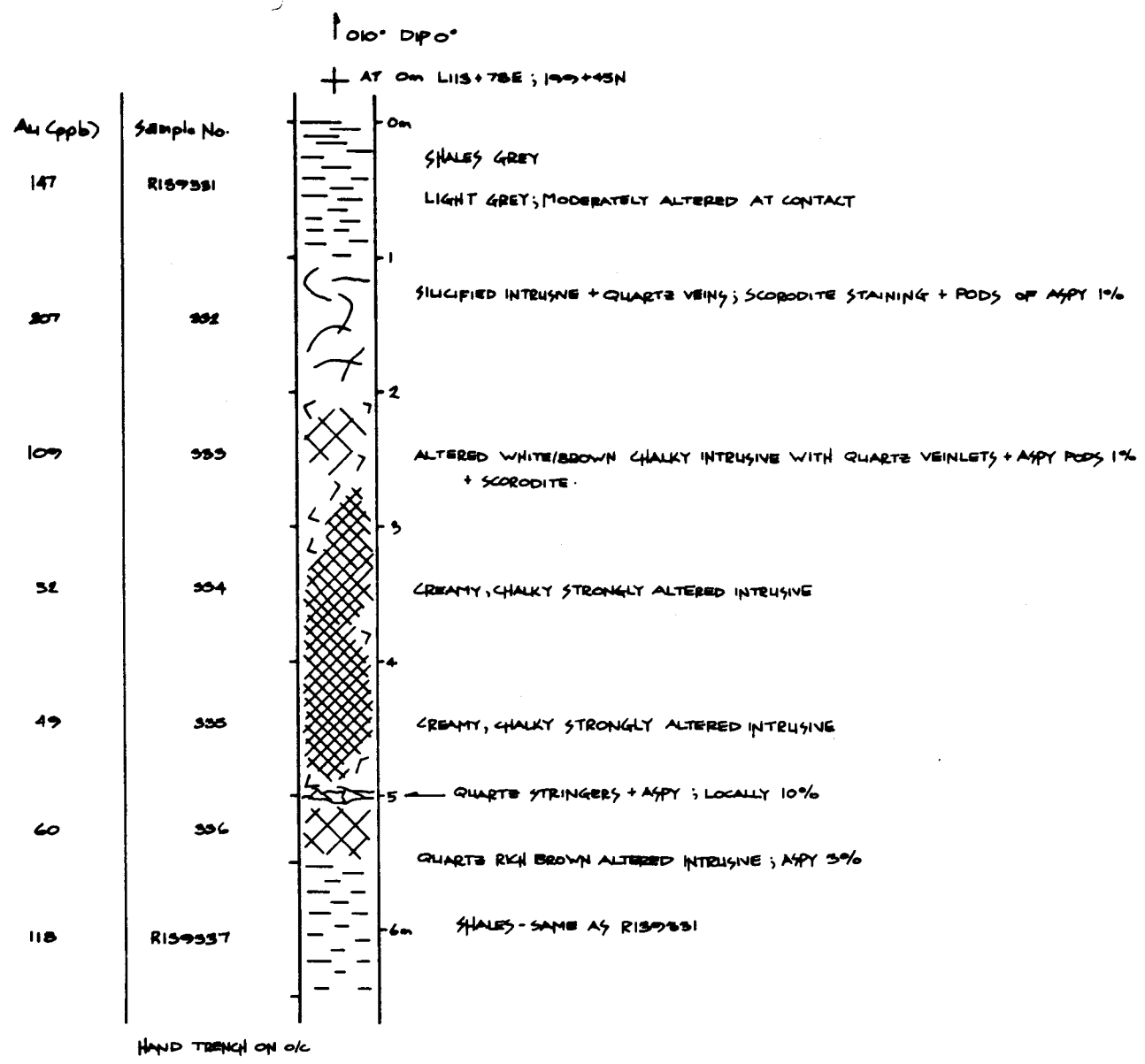

ROAD CUT TRENCH

CONTACT AT 3.6m = 184° + 80°E

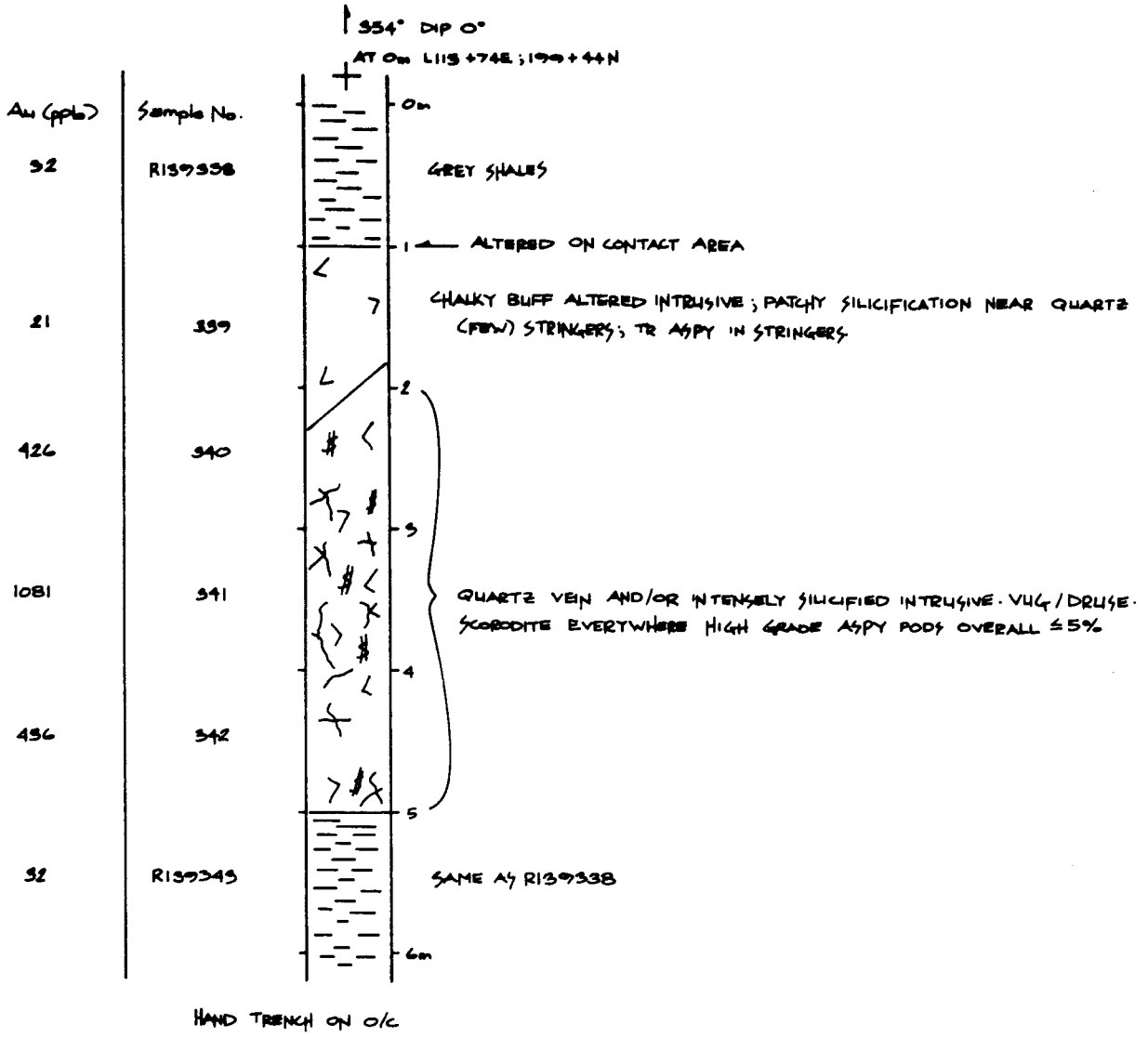
| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-03 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 105 I&2 | DRAWN BY : HANDESIGN SCALE : 1:50 |
| DWG. No. : | **NORANDA EXPLORATION** |
| | OFFICE : WHITEHORSE |



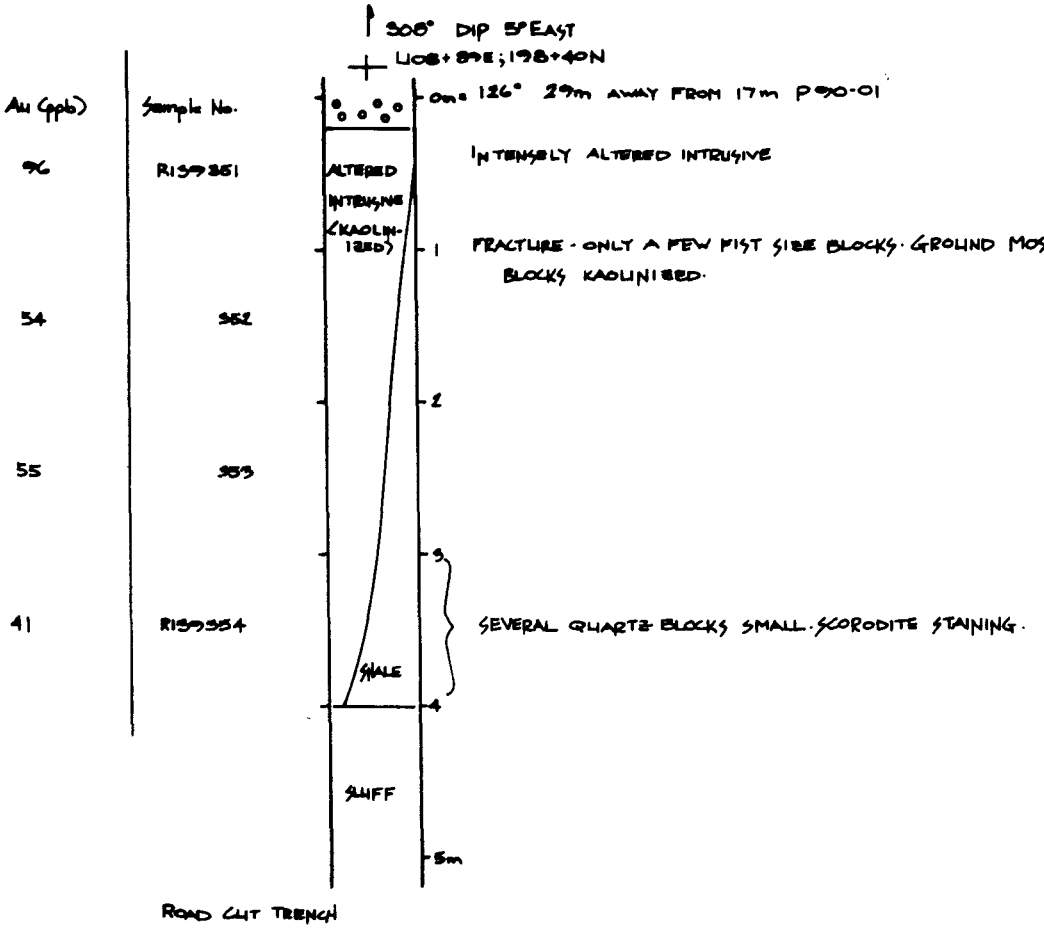

| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-04 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 106 I&2 | DRAWN BY : HANDESIGN SCALE : 1:50 |
| DWG. No. : | **NORANDA EXPLORATION** OFFICE : WHITEHORSE |



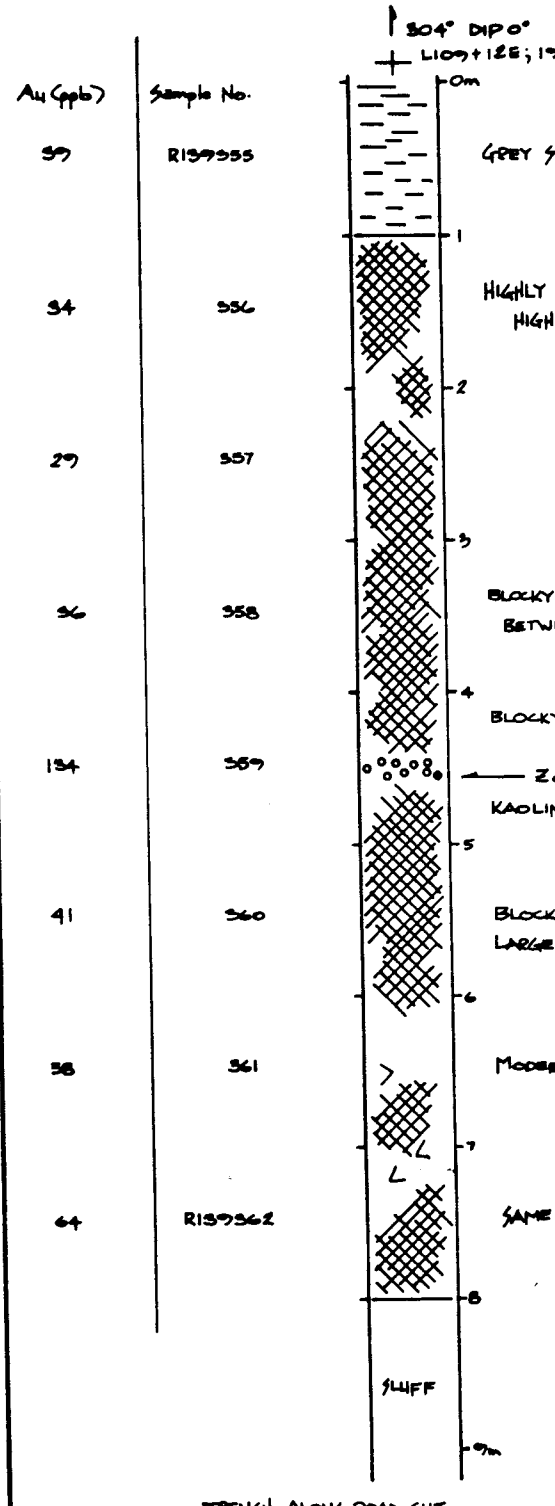

| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-05 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 105 I&2 | DRAWN BY : HANDESIGN SCALE : 1:50 |
| DWG. No. : | **NORANDA EXPLORATION** |
| | OFFICE : WHITEHORSE |



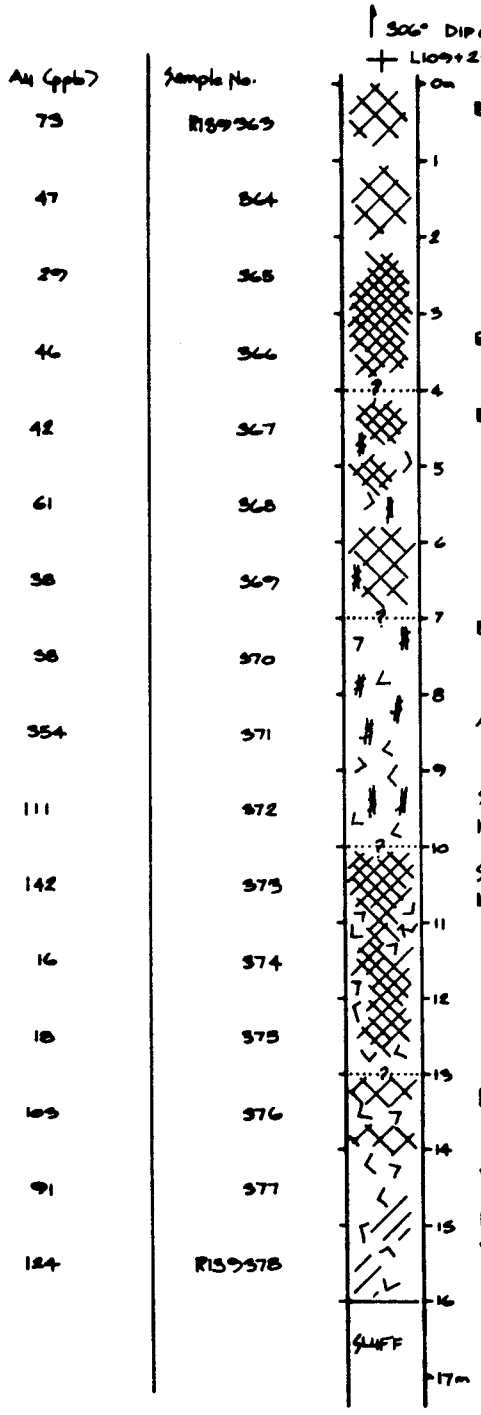

| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-06 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 106 I&2 | DRAWN BY : HANDESIGN SCALE : 1 : 50 |
| DWG. No. : | **NORANDA EXPLORATION** |
| | OFFICE : WHITEHORSE |



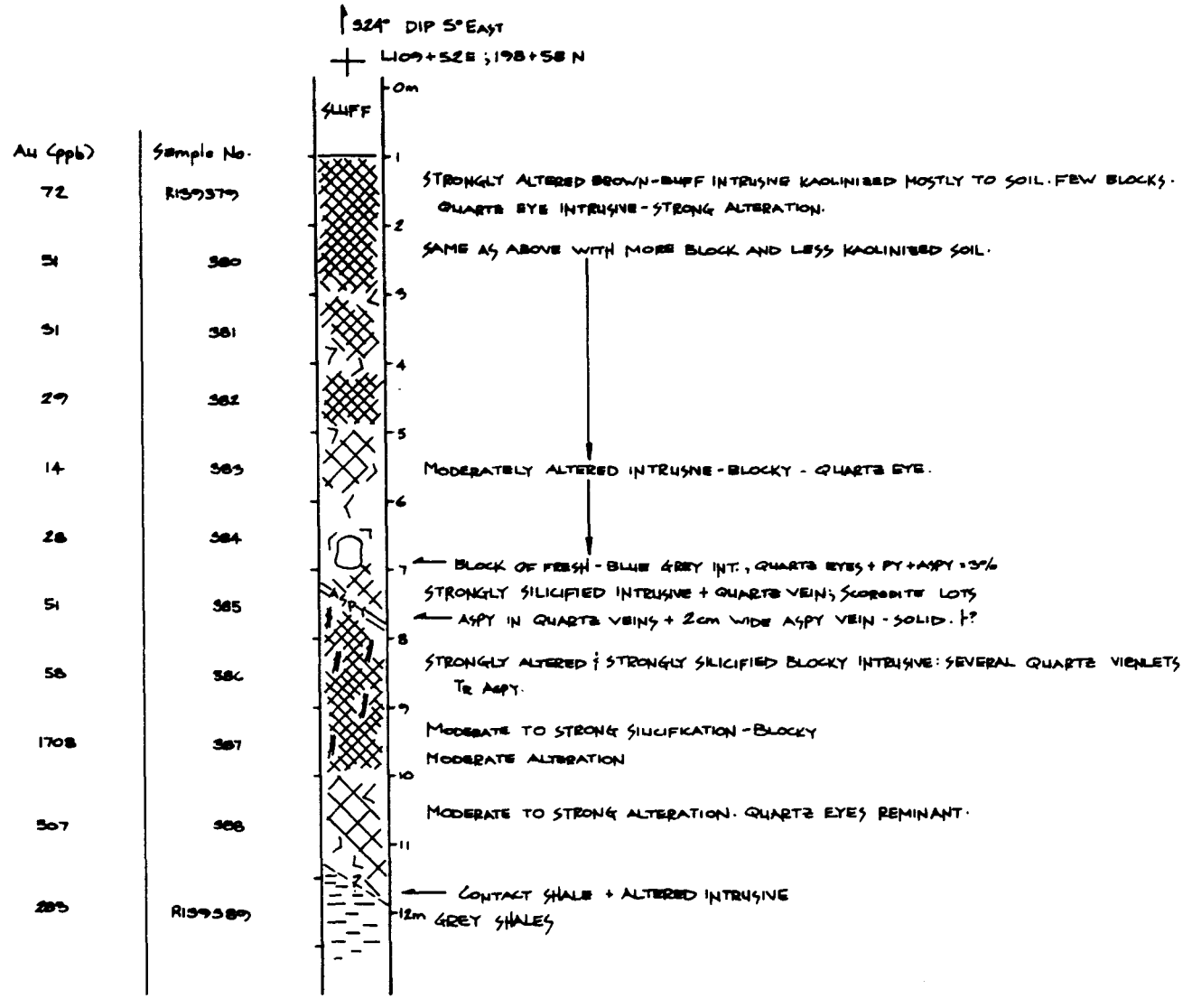

| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-07 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 106 1&2 | DRAWN BY : HANDESIGN SCALE : 1:50 |
| DWG. No. : | **NORANDA EXPLORATION** |
| | OFFICE : WHITEHORSE |




| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-08 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 105 I&2 | DRAWN BY : HANDESIGN SCALE : 1 : 50 |
| DWG. No. : | NORANDA EXPLORATION |
| | OFFICE : WHITEHORSE |

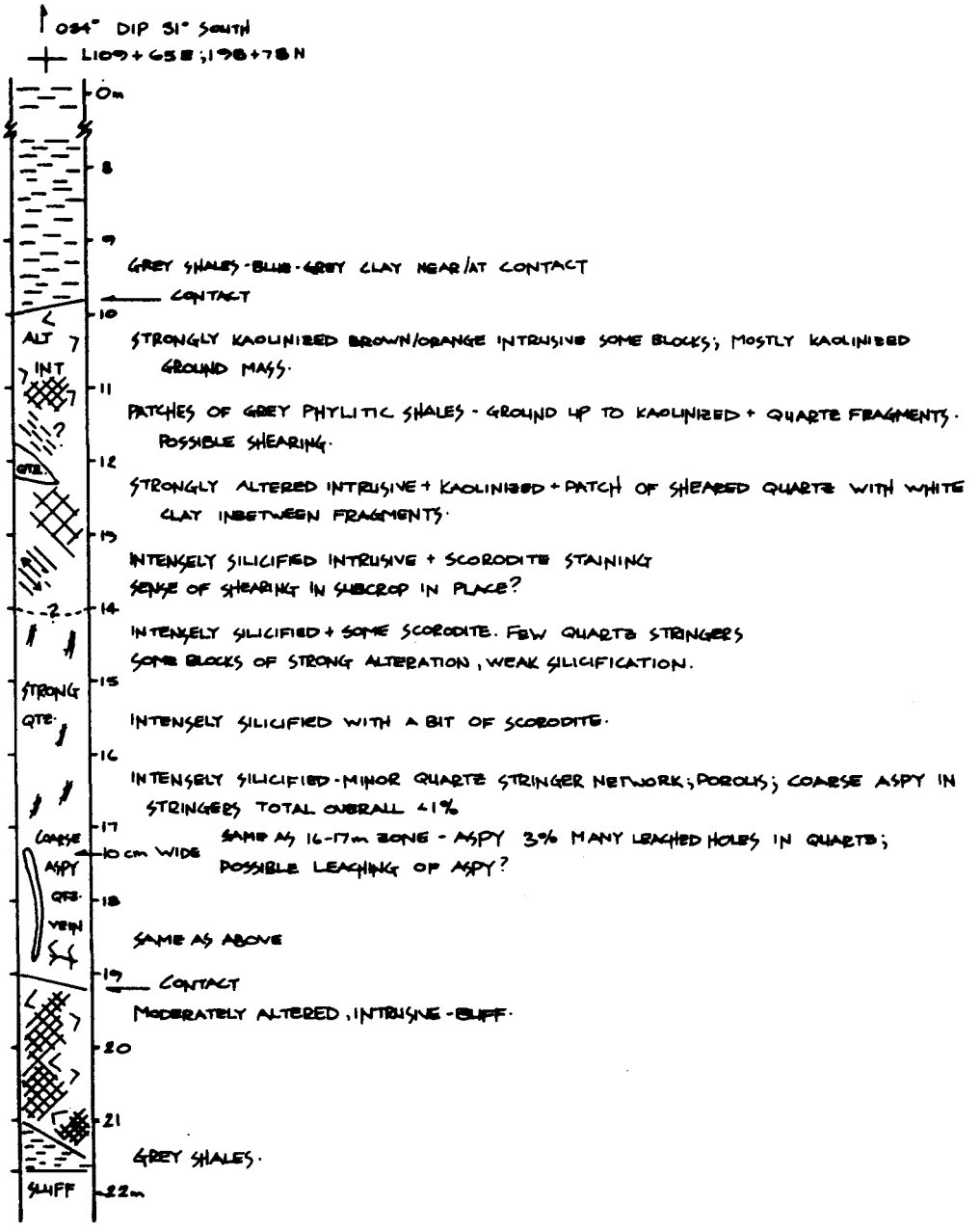



| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-09 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH — DATE : DECEMBER 1990 |
| N.T.S. : 106 I&2 | DRAWN BY : MANDERSON — SCALE : 1:100 |
| DWG. No. : | NORANDA EXPLORATION |
| | OFFICE : WHITEHORSE |




TRENCH ALONG ROAD
ALL BLOCKY SUBCROP SOMEWHAT IN PLACE.
R139389 = °/c.

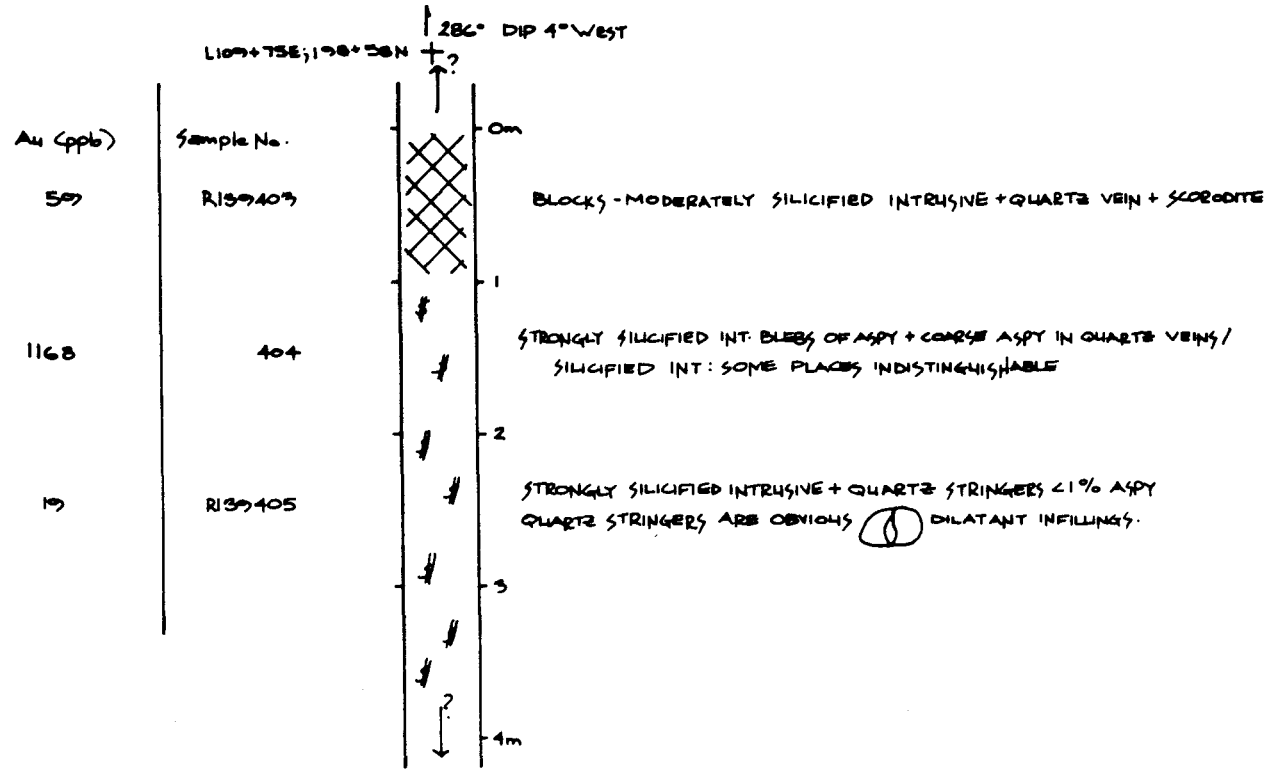
| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-10 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 105 1&2 | DRAWN BY : HANDESIGN SCALE : 1:100 |
| DWG. No. : | **NORANDA EXPLORATION** |
| | OFFICE : WHITEHORSE |



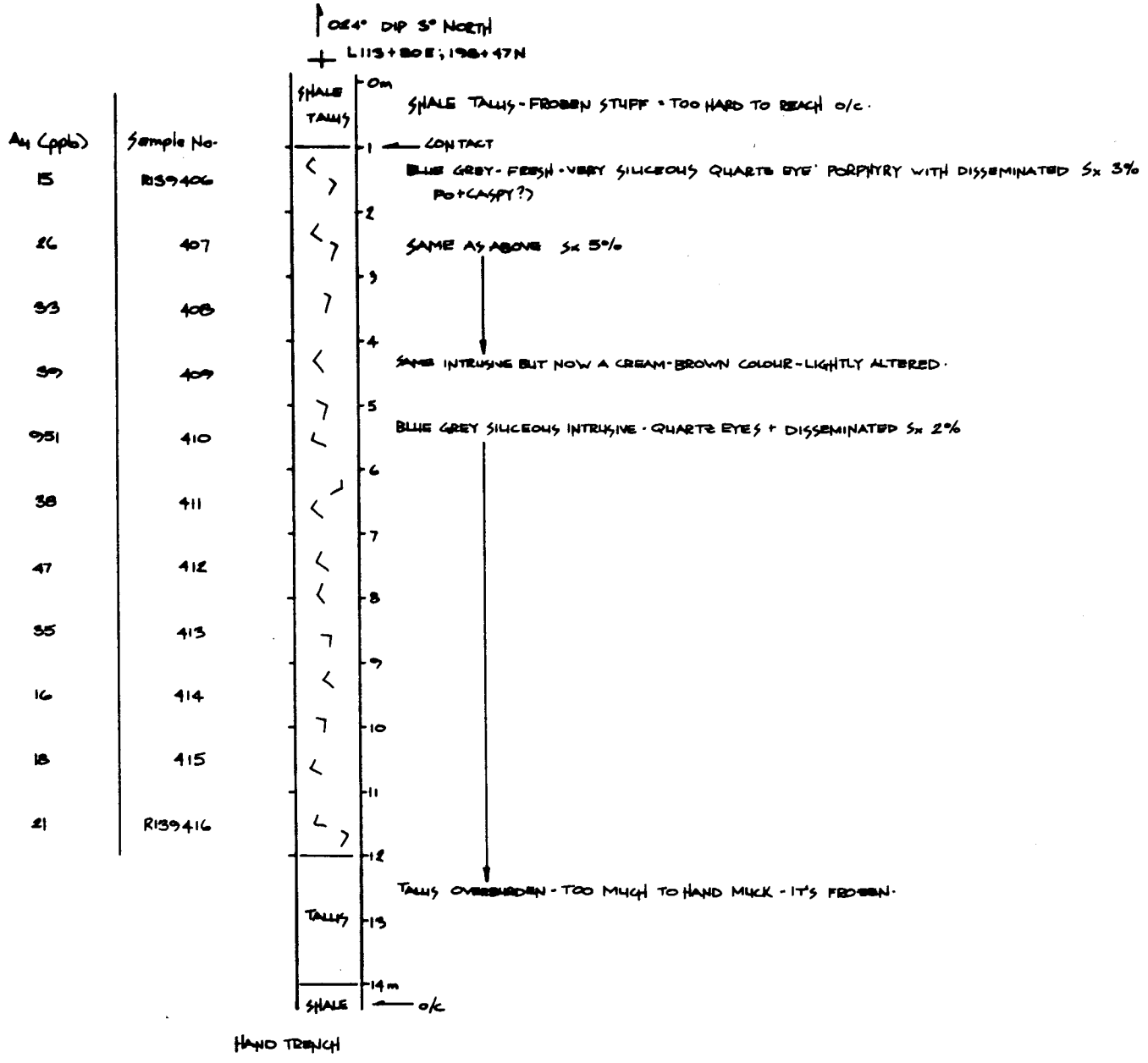

| Au (ppb) | Sample No. |
|---|---|
| 241 | R139390 |
| 18 | 391 |
| 152 | 392 |
| 89 | 393 |
| 96 | 394 |
| 310 | 395 |
| 138 | 396 |
| 310 | 397 |
| 4552 | 398 |
| 315 | 399 |
| 112 | 400 |
| 27 | 401 |
| 62 | R139402 |

EXTENSIVE CAVING PREVENTED ACCURATE & SAMPLING FROM WEST WALL FLOOR.

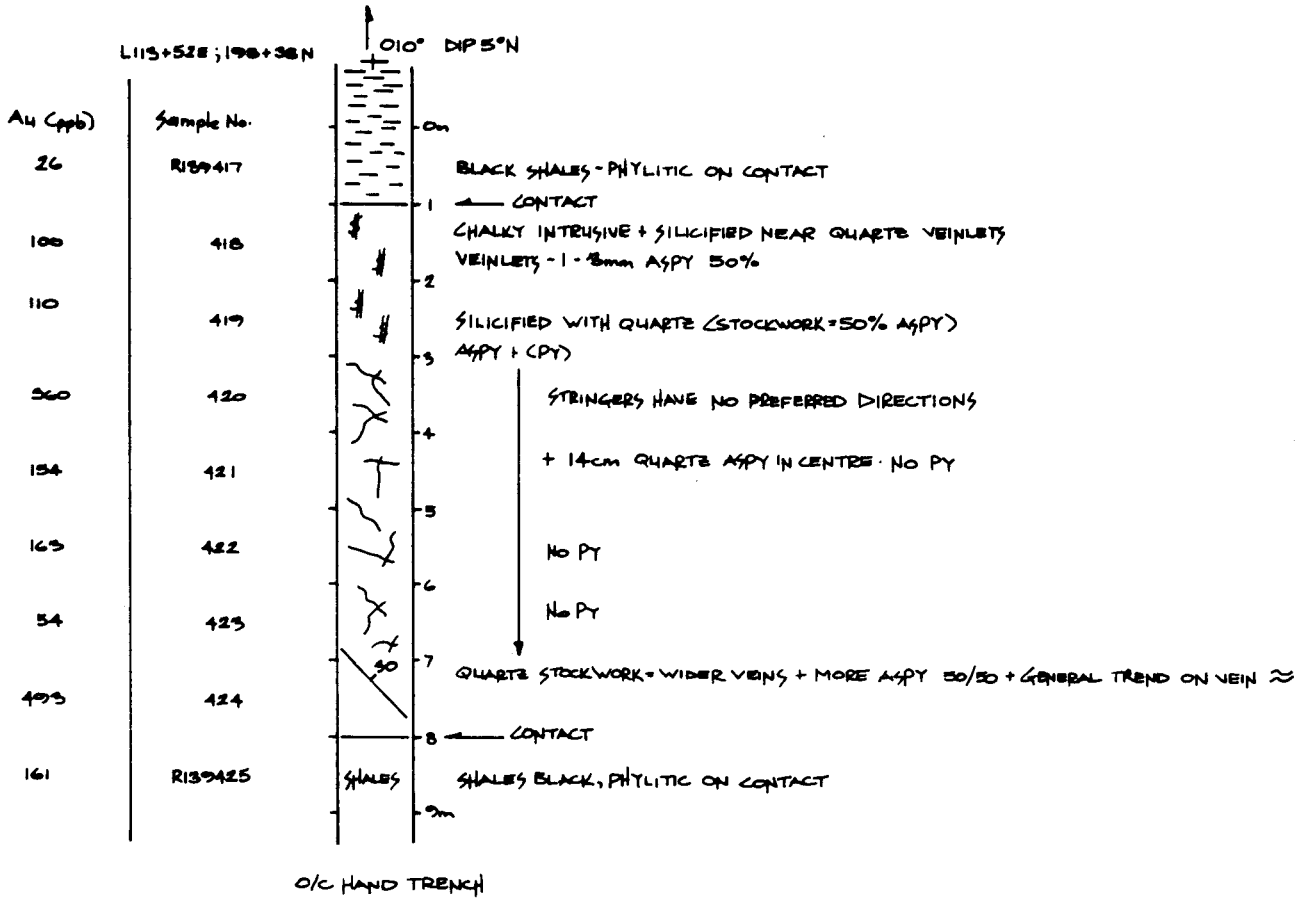
| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-11 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 106 I&2 | DRAWN BY : HANDESIGN SCALE : 1:100 |
| DWG. No. : | **NORANDA EXPLORATION** |
| | OFFICE : WHITEHORSE |



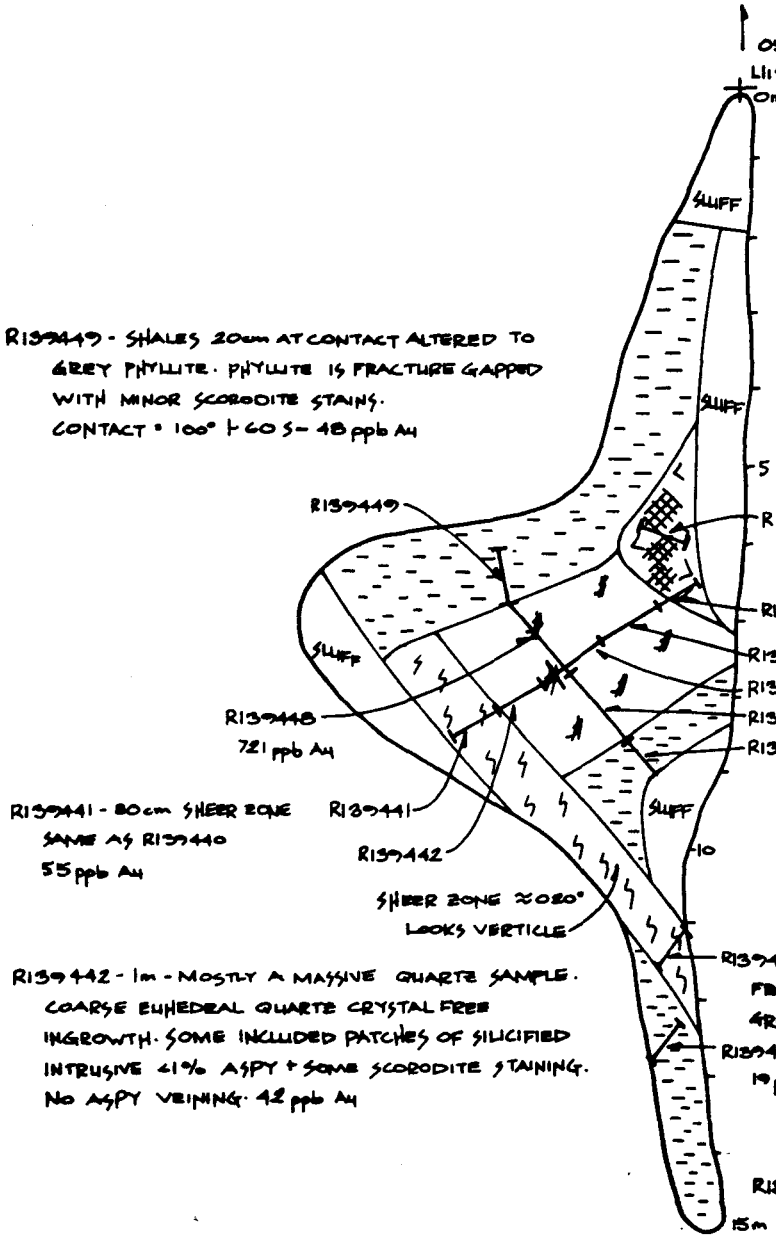

| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-12 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 105 I&2 | DRAWN BY : HANDESIGN SCALE : 1:50 |
| DWG. No. : | **NORANDA EXPLORATION** |
| | OFFICE : WHITEHORSE |




| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-13 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 105 I&2 | DRAWN BY : HANDESIGN SCALE : 1:100 |
| DWG. No. : | **NORANDA EXPLORATION** |
| | OFFICE : WHITEHORSE |




| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-14 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 105 I&2 | DRAWN BY : HANDESIGN SCALE : 1:100 |
| DWG. No. : | **NORANDA EXPLORATION** OFFICE : WHITEHORSE |




R139447+448 - BOTH 1m CHIP TRUE THICKNESS - MASSIVE SILICIFICATION OF INTRUSIVE <1% ASPY SOME QUARTZ VEINING DISTINGUISHABLE: NEAR CONTACT 448-449 · EUHEDRAL INGROW QUARTZ + ASPY BLOBS.

R139445 - 80cm - INCLUDES SHEER OF GROUND UP EVERYTHING 10cm WIDE 360°/90° + KAOLINIZED ALTERED INTRUSIVE · SOFT · 25ppb Au

R139444 - 1m - SAME AS R139443 BUT NO ASPY VEINLET. ≤1% ASPY - 132 ppb Au

R139449 - SHALES 20cm AT CONTACT ALTERED TO GREY PHYLLITE · PHYLLITE IS FRACTURE GAPPED WITH MINOR SCORODITE STAINS. CONTACT · 100° + 60 S - 48 ppb Au

R139450 - ALTERED SOFT KAOLINIZED INTRUSIVE 80cm CHIPS 16 ppb Au

R139441 - 80cm SHEER ZONE SAME AS R139440 55 ppb Au

R139446 - 80 cm CHIPS - SHALE - CONTACT 100° + 50S GREY PHYLLITE ON CONTACT AREAS INTO SHALE ABOUT 10cm 40 ppb Au

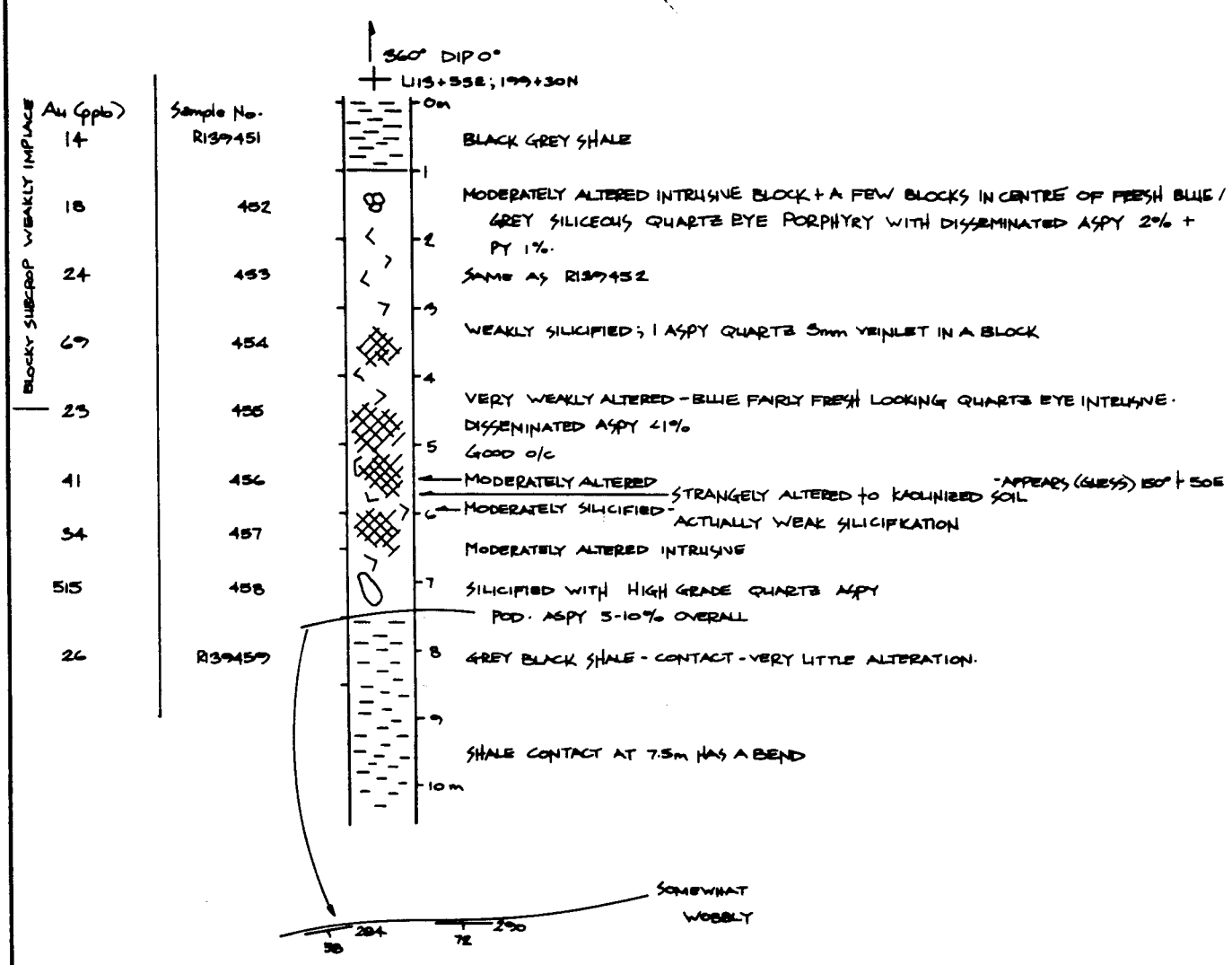
R139442 - 1m - MOSTLY A MASSIVE QUARTZ SAMPLE. COARSE EUHEDRAL QUARTZ CRYSTAL FREE INGROWTH. SOME INCLUDED PATCHES OF SILICIFIED INTRUSIVE <1% ASPY + SOME SCORODITE STAINING. NO ASPY VEINING · 42 ppb Au

R139440 - SHEERED ZONE - QUARTZ FRAGMENTS + PHYLLITE FRAGMENTS + KAOLINIZED GROUND MATERIAL - VERY GROUND-UP · 127 ppb Au

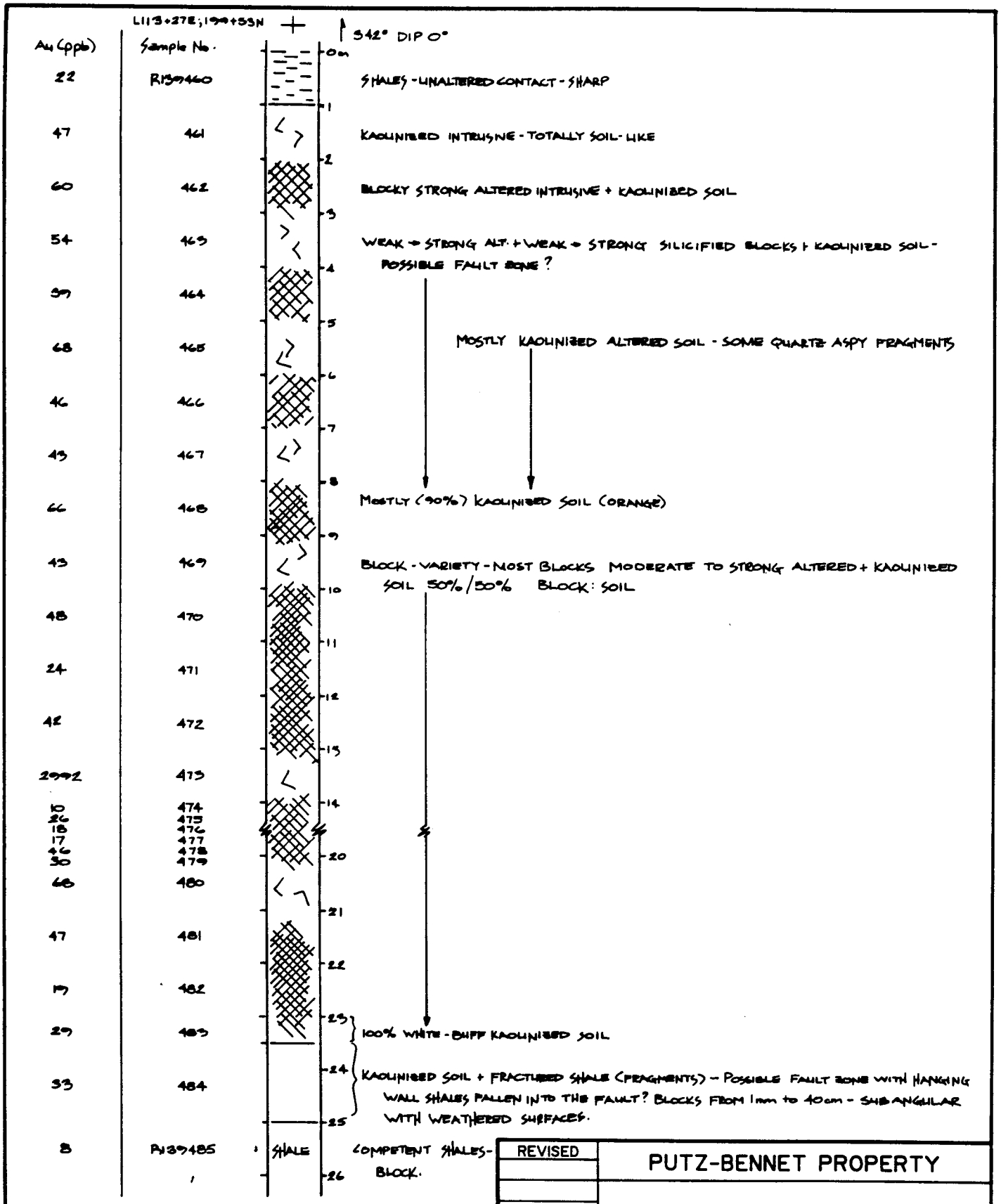
R139439 - SHALES BLACK. CONTACT WITH SHEER ZONE ≈020° 19 ppb Au

R139443 - 1m - MASSIVE QUARTZ WITH INCLUDED CLASTS OF SILICIFIED INTRUSIVE QUARTZ STOCKWORK SEEMS TO HAVE SILICIFIED EVERYTHING. NO COARSE QUARTZ AS IN PREVIOUS SAMPLE · ASPY VEINLET · QUARTZ 030° ∧ ≈90°? ASPY 2% OVERALL. VERY INTENSELY SILICIFIED · 170 ppb Au

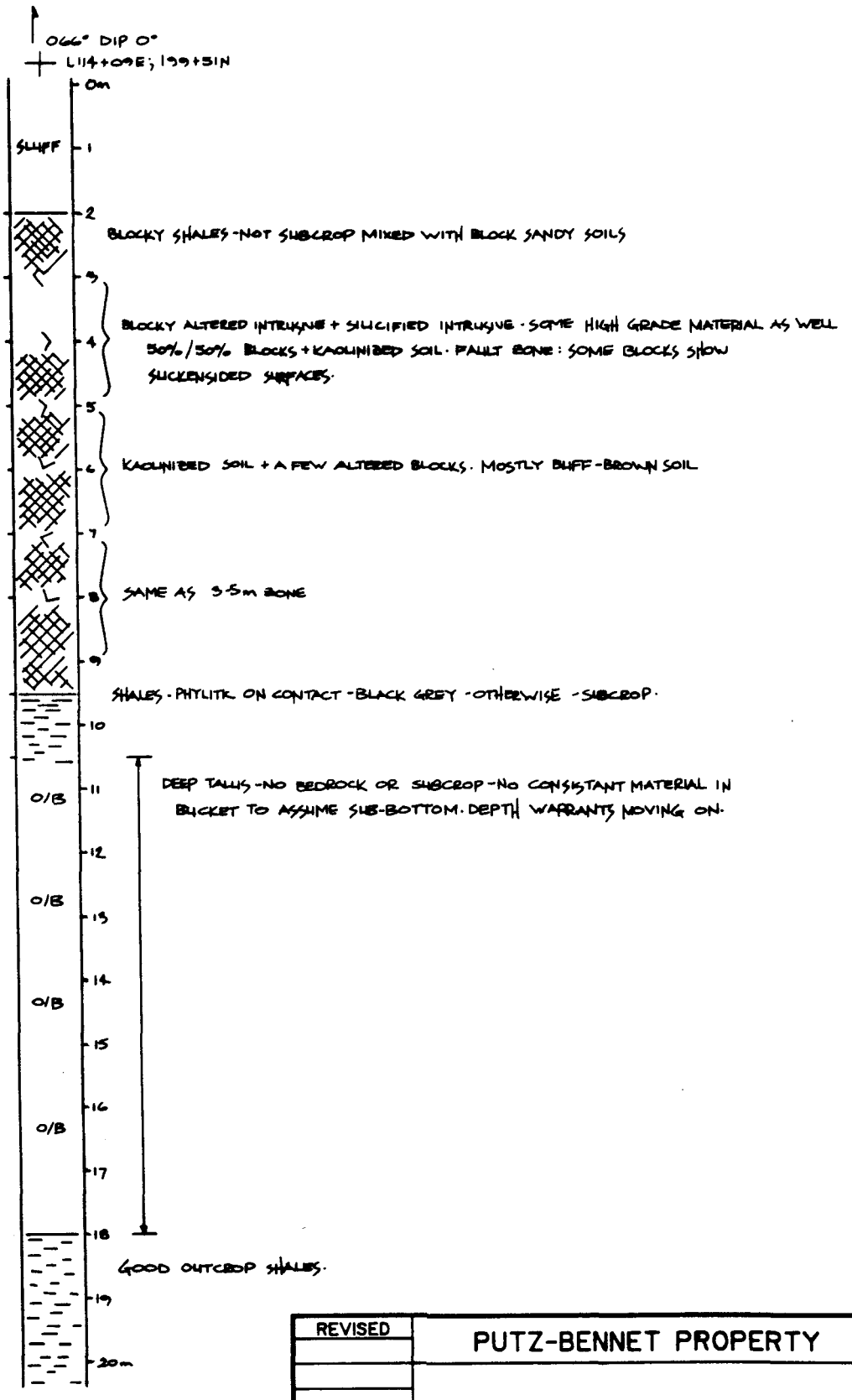
| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH 90-15 |
| PROJ. No. : 343 | SURVEY BY : B. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 105 I&J | DRAWN BY : HANDEMAN SCALE : 1:100 |
| DWG. No. : | **NORANDA EXPLORATION** OFFICE : WHITEHORSE |




| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-16 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 105 1&2 | DRAWN BY : HANDESIGN SCALE : 1:100 |
| DWG. No. : | **NORANDA EXPLORATION** OFFICE : WHITEHORSE |

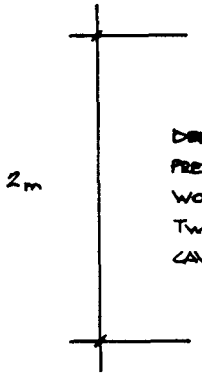



| | |
|---|---|
| REVISED | PUTZ-BENNET PROPERTY |
| | TRENCH P90-17 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH — DATE : DECEMBER 1990 |
| N.T.S. : 105 I&2 | DRAWN BY : HANDESIGN — SCALE : 1:100 |
| DWG. No. : | **NORANDA EXPLORATION** |
| | OFFICE : WHITEHORSE |




| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-18 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 105 I&2 | DRAWN BY : HANDESIGN SCALE : 1:100 |
| DWG. No. : | **NORANDA EXPLORATION** |
| | OFFICE : WHITEHORSE |

L114 + 12E, 190 + 65N

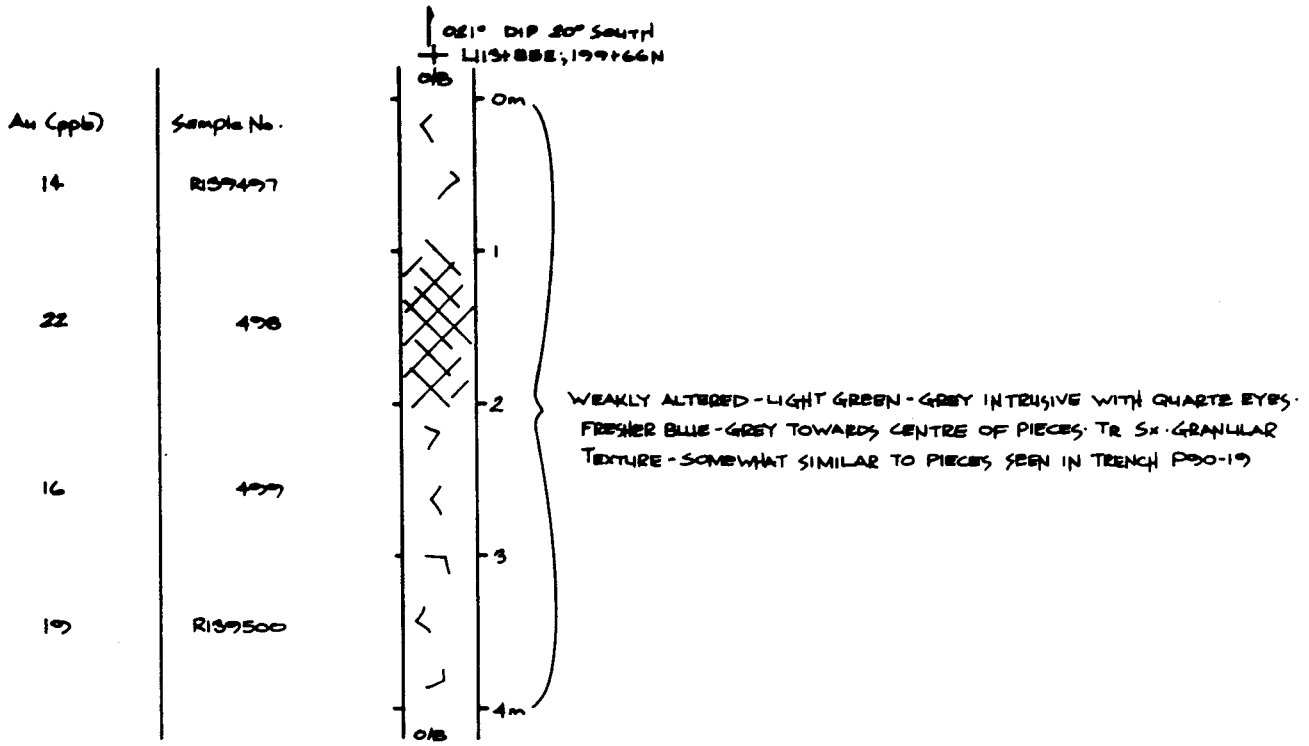



DEEP PIT DUG IN ROAD CUT. DEEP TALUS WITH EXTREME CAVING PROBLEMS PREVENTED IT BEING OPENED UP FURTHER. FINALLY A HUGE CAVE-IN THAT WOULD TAKE ONE DAY TO EXCAVATE FORCED US TO MOVE ON.
TWO SAMPLES WERE TAKEN OF MATERIALS FROM THE BOTTOM BEFORE CAVING. THESE SAMPLES WERE FROM THE BURM MATERIAL.

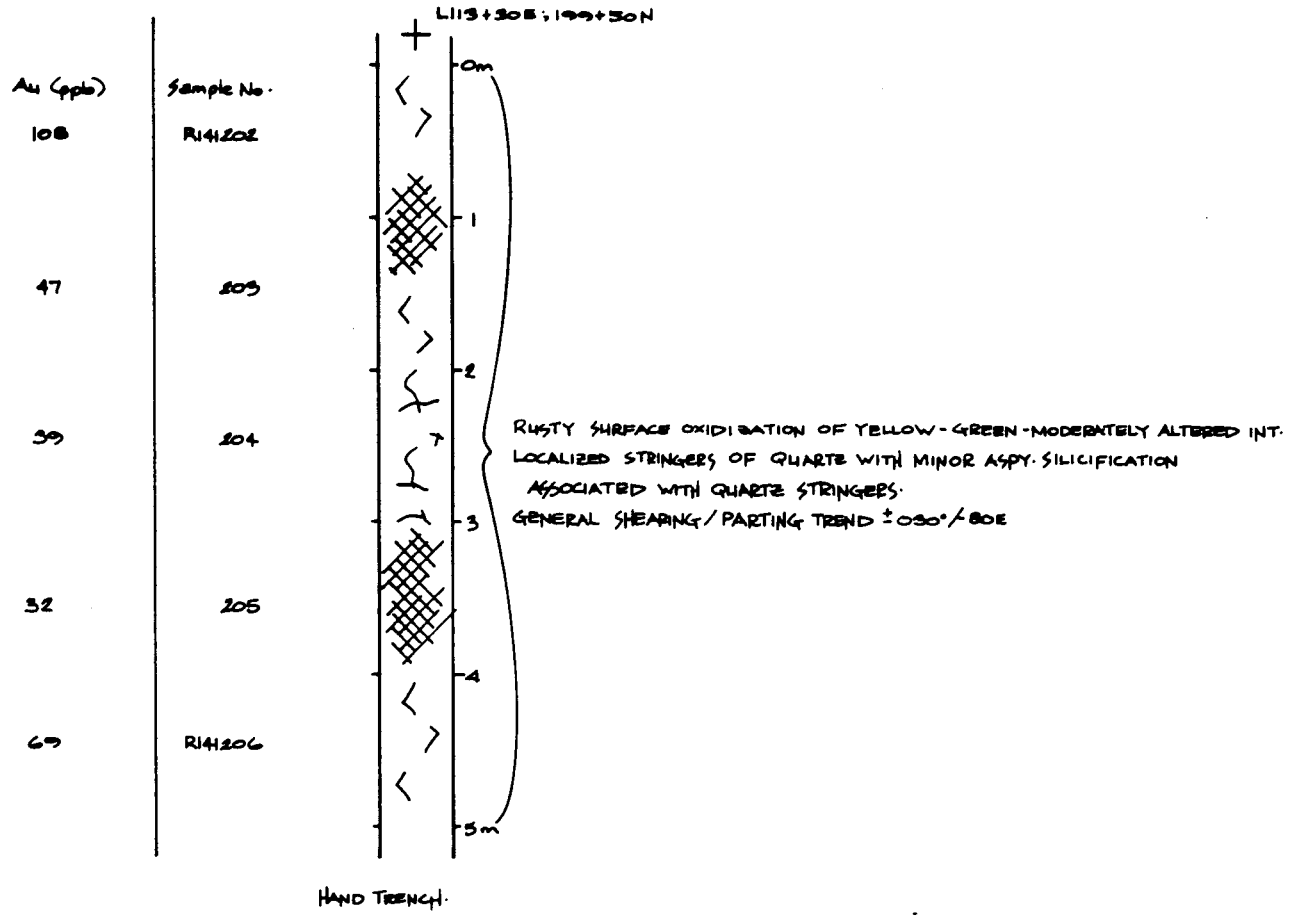
R139405 - 381 Au ppb - ALTERED INTRUSIVE SOMEWHAT SHEER LOOKING - ALTERED GRAINS SEEM TO BE ALIGNED OR HAVE A BIT OF DIRECTION.

R139406 - 419 Au ppb - QUARTZ VEINING MATERIAL + SILICIFIED INTRUSIVE. EUHEDRAL QUARTZ + MUSCOVITE GROWTHS. SOME SCORODITE STAINING.

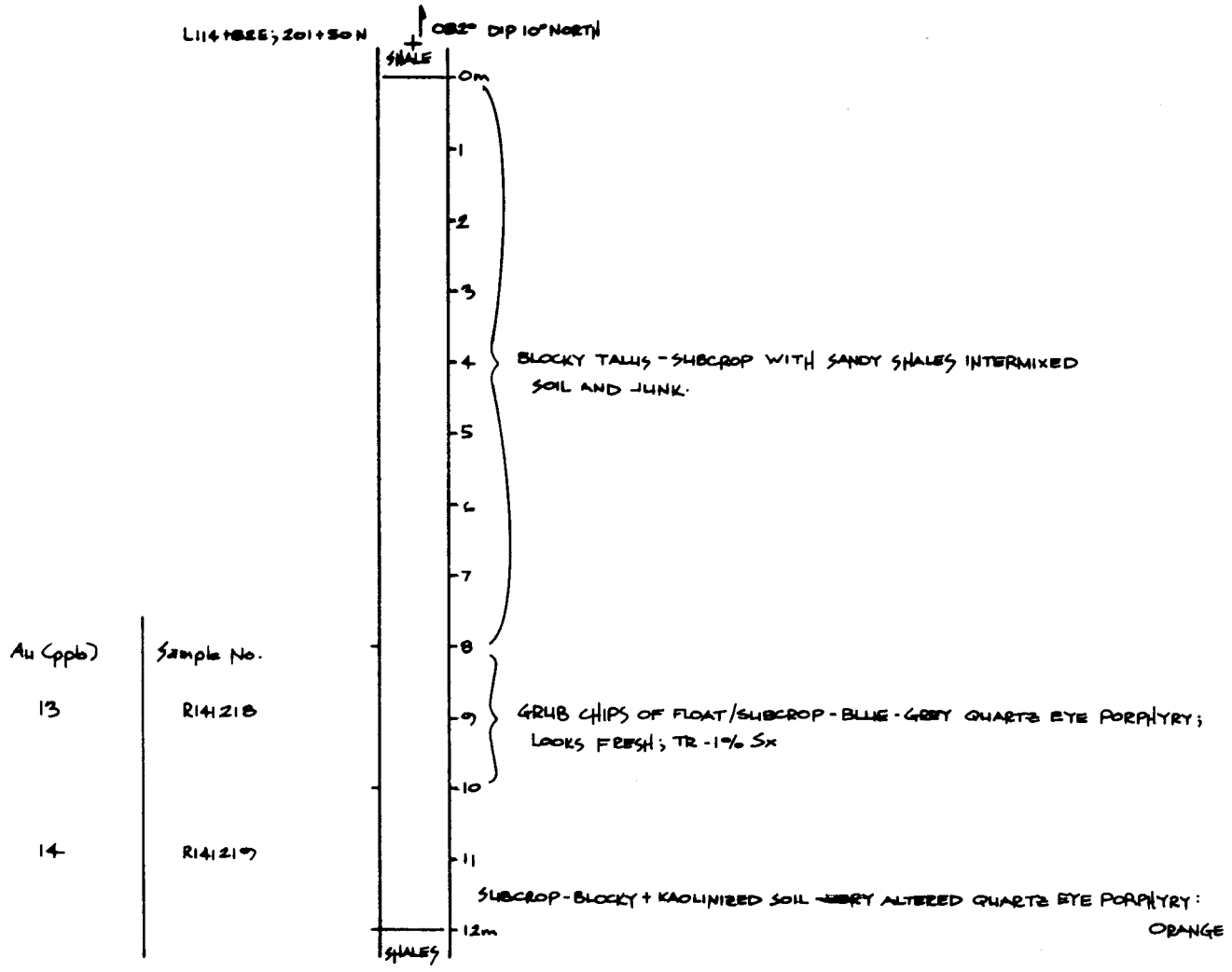
| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-19 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 105 1&2 | DRAWN BY : HANDESIGN SCALE : 1:50 |
| DWG. No. : | **NORANDA EXPLORATION** |
| | OFFICE : WHITEHORSE |




| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-20 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 106 I&2 | DRAWN BY : HANDESIGN SCALE : 1:50 |
| DWG. No. : | **NORANDA EXPLORATION** OFFICE : WHITEHORSE |

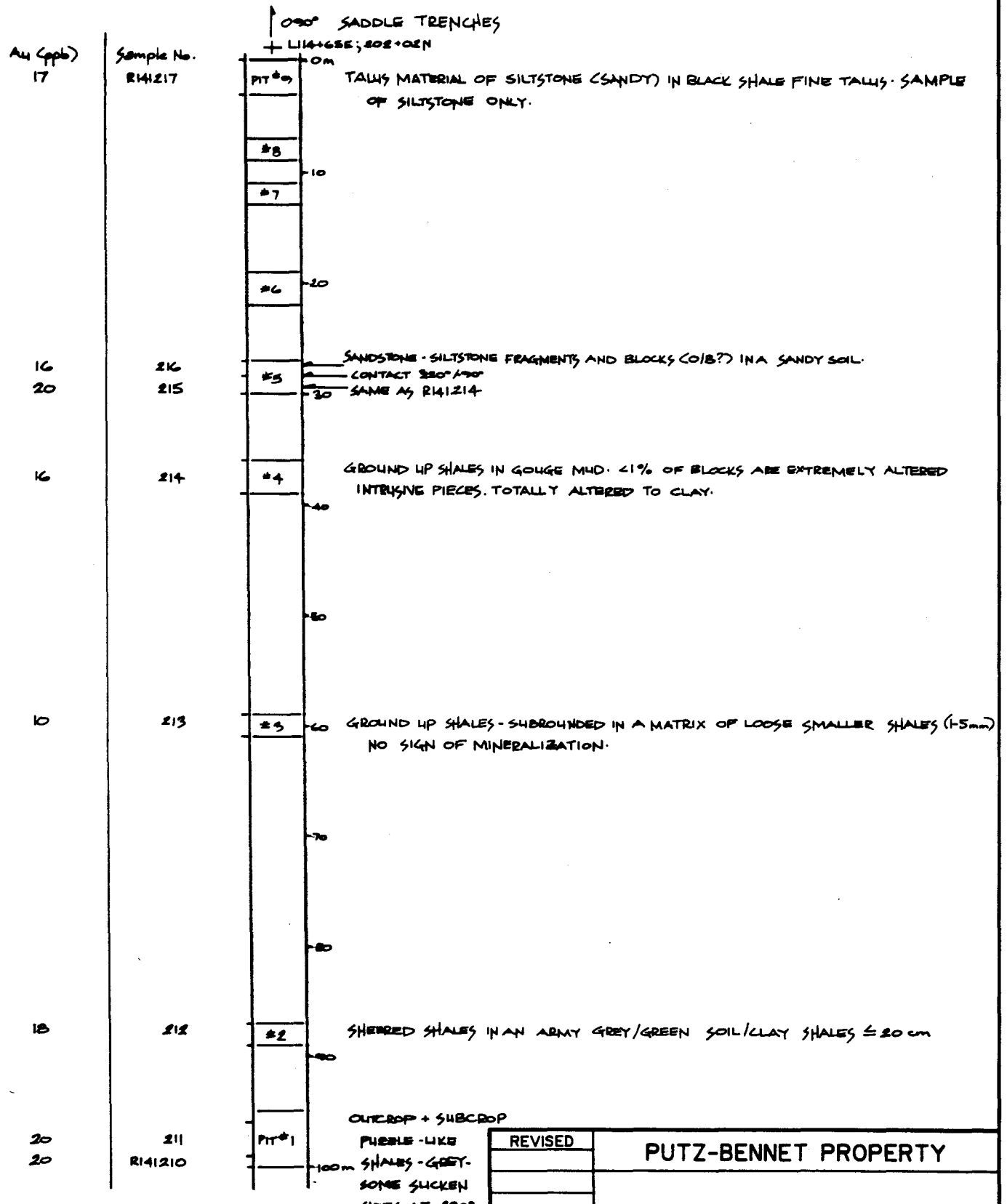



| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-21 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 105 1&2 | DRAWN BY : HANDESIGN SCALE : 1:50 |
| DWG. No. : | **NORANDA EXPLORATION** |
| | OFFICE : WHITEHORSE |




R141220 - FLOAT BETWEEN 11-12m 1341 ppb Au

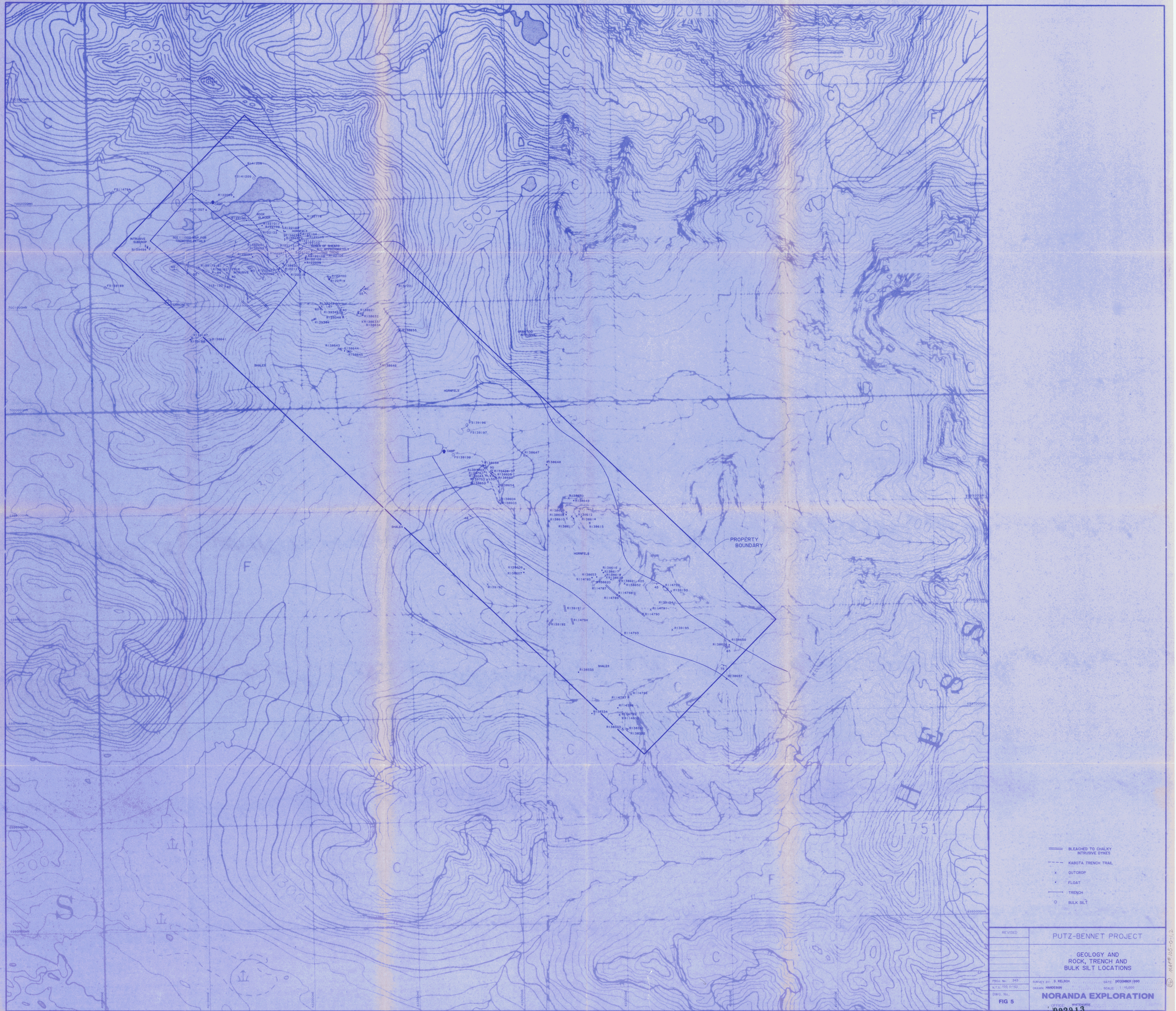
| REVISED | PUTZ-BENNET PROPERTY |
|---|---|
| | TRENCH P90-22 |
| PROJ. No. : 343 | SURVEY BY : D. KELSCH DATE : DECEMBER 1990 |
| N.T.S. : 105 1&2 | DRAWN BY : HANDESIGN SCALE : 1:100 |
| DWG. No. : | **NORANDA EXPLORATION** OFFICE : WHITEHORSE |


090° SADDLE TRENCHES
+ L114+65E; 202+02N
Au (ppb)
Sample No.
0m
PIT #9
TALUS MATERIAL OF SILTSTONE (SANDY) IN BLACK SHALE FINE TALUS. SAMPLE OF SILTSTONE ONLY.
#8
10
#7
#6
20
16
R141216
#5
SANDSTONE - SILTSTONE FRAGMENTS AND BLOCKS (O/B?) IN A SANDY SOIL.
CONTACT 280°/90°
20
R141215
30
SAME AS R141214
16
R141214
#4
GROUND UP SHALES IN GOUGE MUD. <1% OF BLOCKS ARE EXTREMELY ALTERED INTRUSIVE PIECES. TOTALLY ALTERED TO CLAY.
40
50
10
R141213
#3
60
GROUND UP SHALES - SURROUNDED IN A MATRIX OF LOOSE SMALLER SHALES (1-5mm) NO SIGN OF MINERALIZATION.
70
80
18
R141212
#2
SHEARED SHALES IN AN ARMY GREY/GREEN SOIL/CLAY SHALES ≤ 20 cm
90
OUTCROP + SUBCROP
20
R141211
PIT #1
PUEBLE-LIKE
20
R141210
100m
SHALES - GREY - SOME SLICKEN SIDES AT 280°/80N PLUNGE 21°W.
ALL TRENCHES 1.5 - 2 m DEEP AND IN FROZEN GROUND.
FAULT 351°/58E - SAMPLE GREY + ORANGE GOUGE.
REVISED
PUTZ-BENNET PROPERTY
TRENCH P90-23
PROJ. No. : 343
N.T.S. : 106 I&2
DWG. No. :
SURVEY BY : D. KELSCH
DATE : DECEMBER 1990
DRAWN BY : HANDESIGN
SCALE : 1:500
NORANDA EXPLORATION
OFFICE : WHITEHORSE

PROPERTY BOUNDARY

| | |
|---|---|
| REVISED | PUTZ-BENNET PROJECT |
| | GRID MAP AND PROPERTY BOUNDARY |
| PROJ. No.: 343 | SURVEY BY: D. KELSCH DATE: DECEMBER 1990 |
| N.T.S. 105 D/12 | DRAWN: HANDESIGN SCALE: 1:10,000 |
| DWG. No.: FIG 4 | NORANDA EXPLORATION |
| | OFFICE: WHITEHORSE |

092913


2036
2041
1700
1600
1751
INTRUSIVE SUBCROP
SEE 1:1500 MAP FOR TRENCHING DETAILS
ROCK GLACIER
CAMP
FELSIC INTRUSIVE
ZONES OF SHEARS ALL APPROXIMATELY THIS TREND
GRANITOID INTRUSIVE
HORNFELS
SHALES
CAMP
PROPERTY BOUNDARY
BLEACHED TO CHALKY INTRUSIVE DYKES
KABOTA TRENCH TRAIL
OUTCROP
FLOAT
TRENCH
BULK SILT
PUTZ-BENNET PROJECT
GEOLOGY AND ROCK, TRENCH AND BULK SILT LOCATIONS
PROJ. No. 343
N.T.S. 105 D/12
DWG. No. FIG 5
SURVEY BY: D. KELSCH
DATE: DECEMBER 1990
DRAWN: HANDESIAN
SCALE: 1:10,000
NORANDA EXPLORATION
OFFICE: WHITEHORSE
092913

L104+00E
L106+00E
L108+00E
L110+00E
L112+00E
L114+00E
L116+00E
BL 200+00N
ROCK GLACIER
HORNFELS
SHALE
LIMIT OF TALUS
INTRUSIVE No. 1
INTRUSIVE No. 2
INTRUSIVE No. 3
INTRUSIVE No. 4
INTRUSIVE No. 5
FAULT ZONE
90-01
90-02
90-03
90-04
90-05
90-06
90-07
90-08
90-09
90-10
90-11
90-12
90-13
90-14
90-15
90-16
90-17
90-18
90-19
90-20
90-21
90-22
90-23
R139390
R139426
R139405
R139403
R139422
R139389
R139379
R139376
R139363
R139362
R139355
R139354
R139351
R139325
R139321
R139320
R139313
R139300
R139312
R139331
R139338
R139427
R14783
R122123
R122124
R139185
R139627
R139497
R139500
R139495
R139496
R139460
R139450
R139486
R139493
R139462
R139459
R139445
R139439
R139330
R139326
R139537
R139543
R139642
R139429
R139428
R139416
R139407
R139494
R139118
R139105
R137392
R137393
R139400
R137384
R139404
R137369
R137379
R137385
R137376
R137368
R137367
R139161
R139172
R139178
R139173
R139162
R139146
R139128
R139135
R139136
R139199
R139138
R139139
R139142
R141201
R141202
R139186
R141206
R141215
R141214
R141216
R141213
R141217
R141212
R141211
R141210
R122218
R122219
R122220
R122221
R122222
R122223
R122214
R122216
R122217
R122215
R141218
R141220
1900
1800
1700
1600
1500
80
60
50
40
LEGEND :
90-01 1990 TRENCH No. 1
TRENCH
KABOTA TRAIL
x OUTCROP SAMPLE
• FLOAT
OUTCROP
INFERRED CONTACT BETWEEN SHALE AND MINERALIZED INTRUSIVE
25 0 25 50 75 100 125 150 METRES
REVISED
PUTZ-BENNET PROPERTY
GEOLOGY AND TRENCHING MAP
PROJ. No. : 343
N.T.S. : 105 O/12
DWG. No. FIG 6
SURVEY BY : D. KELSCH
DRAWN BY : HANDESIGN
DATE : DECEMBER 1990
SCALE : 1 : 1500
NORANDA EXPLORATION
OFFICE : WHITEHORSE
092913 (57) MAP#105-0-12

20800N
20400N
20000N BASELINE 132°
19600N
19200N
1020E
1040E
1060E
1080E
1100E
1120E
1140E
1160E
1180E
1200E
1240E
1260E
1280E
1300E
1320E
1340E
1360E
1380E
1400E
1420E
1440E
1460E
1480E
1500E
1520E
1540E
1560E
1580E
1600E
1620E
1640E
1660E
1680E
1700E
N

| >0 <10 | >=10 <30 | >=30 <50 | >=50 <75 | >=75 <100 | >=100 <125 | >=125 <150 | >=150 <175 | >=175 <200 | >=200 |
|---|---|---|---|---|---|---|---|---|---|

PPB Au

# PUTZ-BENNET

## SOIL GEOCHEMICAL SURVEY

PPB Au

PROJECT: PUTZ-BENNET PROJECT # : 343

BASELINE AZIMUTH : 132 Deg.

SCALE = 1:10000 DATE : 7/30/90

SURVEY BY : D HEON NTS : FIG 7

FILE: C343PUT

NORANDA EXPLORATION

092813

MAP#105-0-12

20800N
20400N
20000N BASELINE 132°
19600N
19200N
1020E
1040E
1060E
1080E
1100E
1120E
1140E
1160E
1180E
1200E
1240E
1260E
1280E
1300E
1320E
1340E
1360E
1380E
1400E
1420E
1440E
1460E
1480E
1500E
1520E
1540E
1560E
1580E
1600E
1620E
1640E
1660E
1680E
1700E
N
>0 <50
>=50 <100
>=100 <250
>=250 <500
>=500 <750
>=750 <1000
>=1000 <1500
>=1500 <2000
>=2000 <3000
>=3000
PPM As

# PUTZ-BENNET

## SOIL GEOCHEMICAL SURVEY

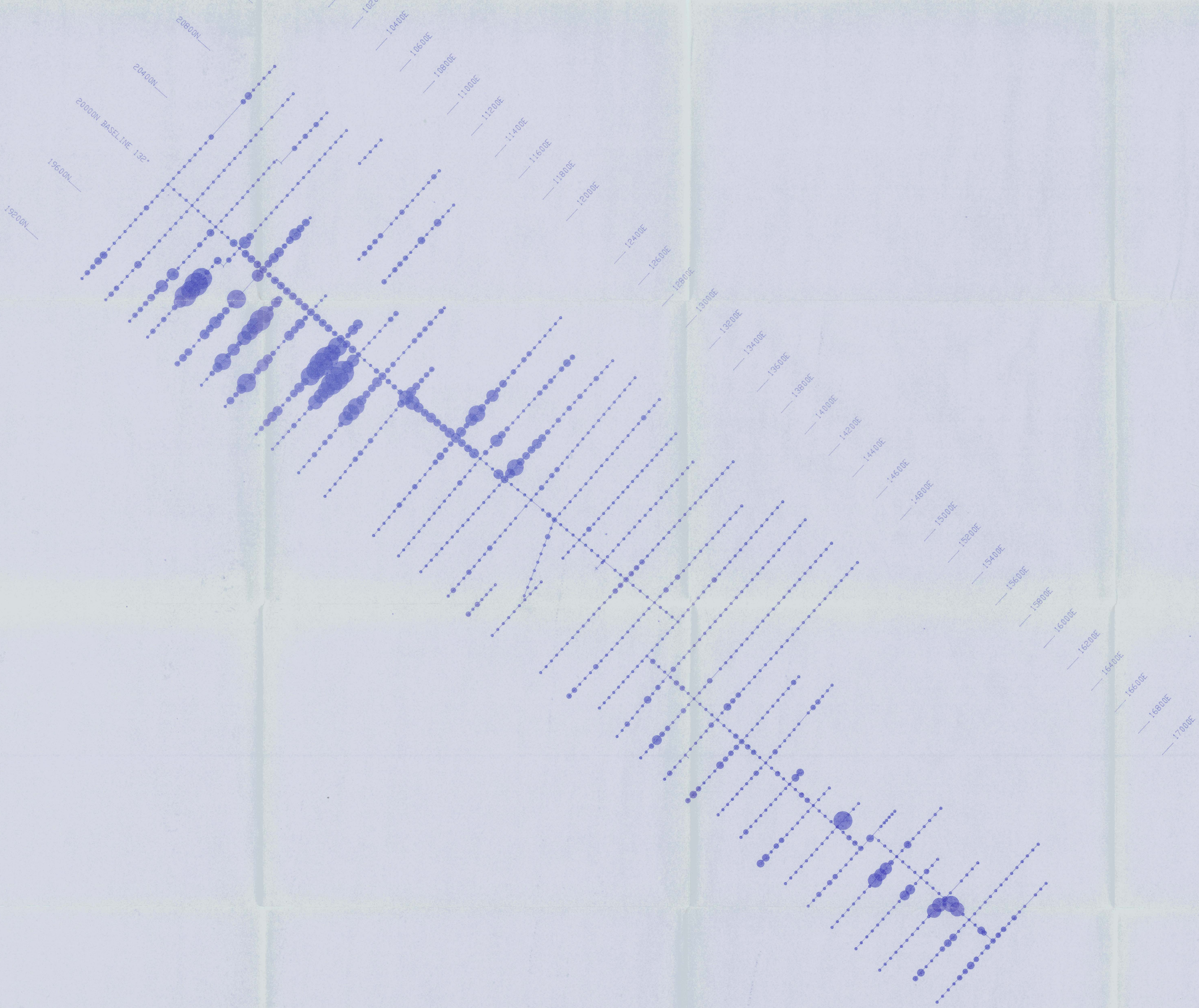
PPM As

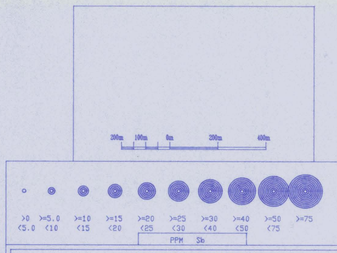
PROJECT: PUTZ-BENNET PROJECT # : 343
BASELINE AZIMUTH : 132 Deg.

SCALE = 1:10000 DATE : 7/30/90
SURVEY BY : D HEON NTS : FIG 8
FILE: C343PUT

092913 NORANDA EXPLORATION

21-05-MAP (63)



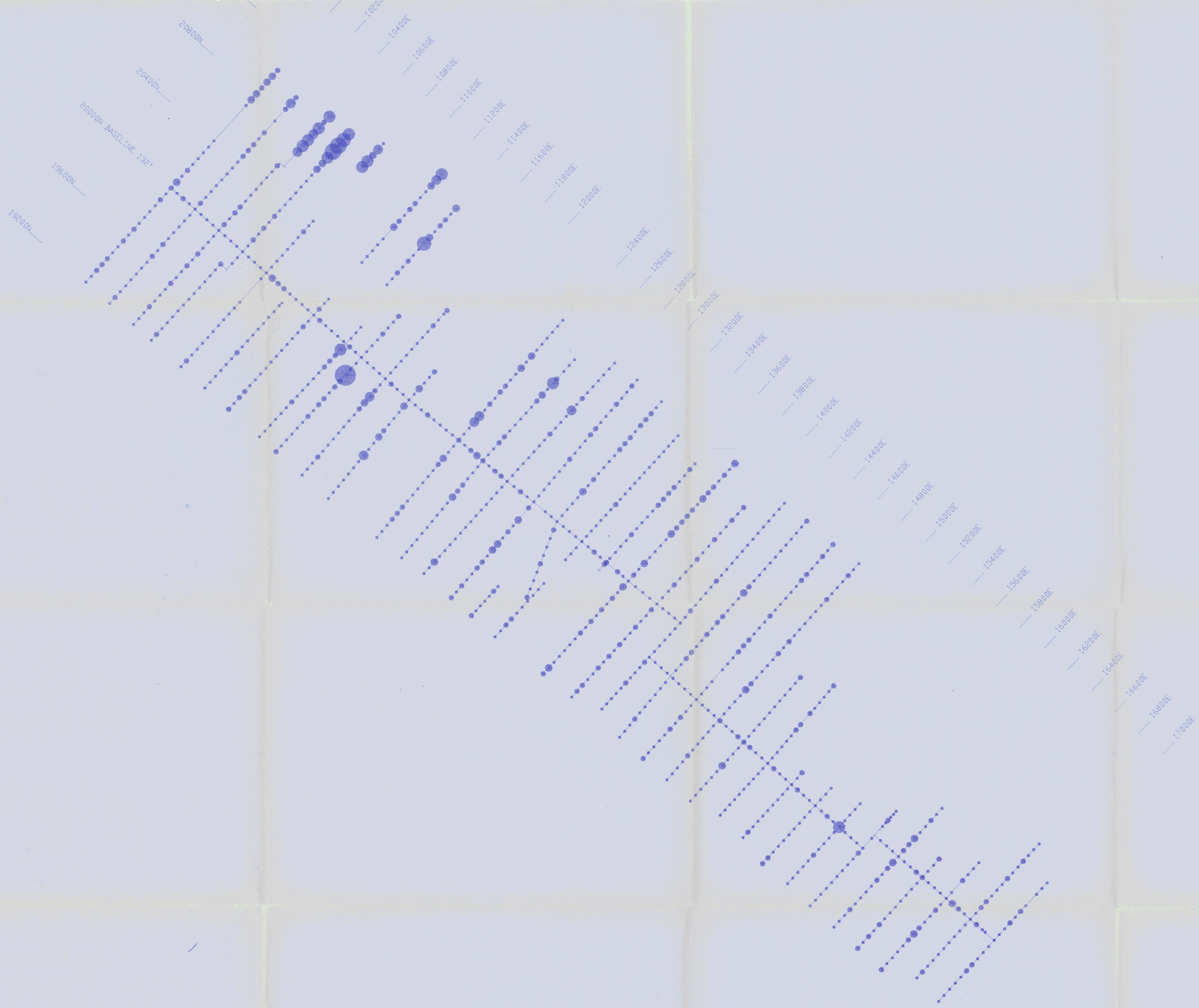



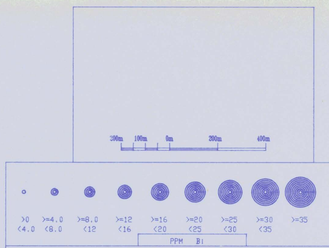

*PUTZ-BENNET*

SOIL GEOCHEMICAL SURVEY
PPM Sb
PROJECT: PUTZ-BENNET PROJECT # : 343
BASELINE AZIMUTH : 132 Deg.

SCALE = 1:10000 DATE : 7/30/90
SURVEY BY : D HEDN NTS : FIG 9
092913 FILE: C343PUT
NORANDA EXPLORATION

MAP 105-0-1,2




*PUTZ-BENNET*

SOIL GEOCHEMICAL SURVEY

PPM Bi

PROJECT: PUTZ-BENNET PROJECT # : 343

BASELINE AZIMUTH : 132 Deg.

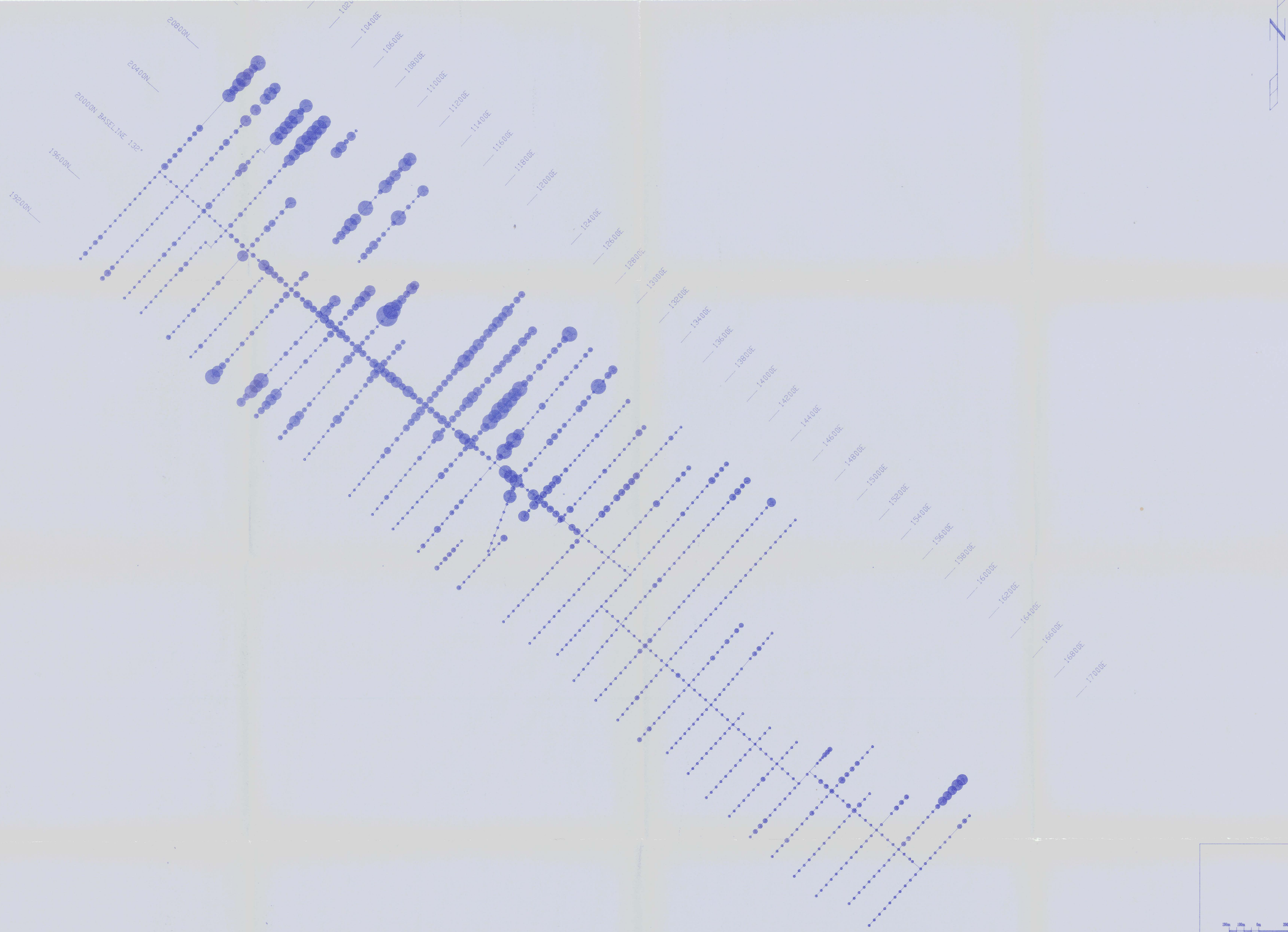
SCALE = 1:10000 DATE : 7/30/90

SURVEY BY : D HEON NTS : **FIG 10**

**092913** FILE: C343PUT

NORANDA EXPLORATION

(d) MAP#105-0-1,2




*PUTZ-BENNET*

SOIL GEOCHEMICAL SURVEY
PPM Sr

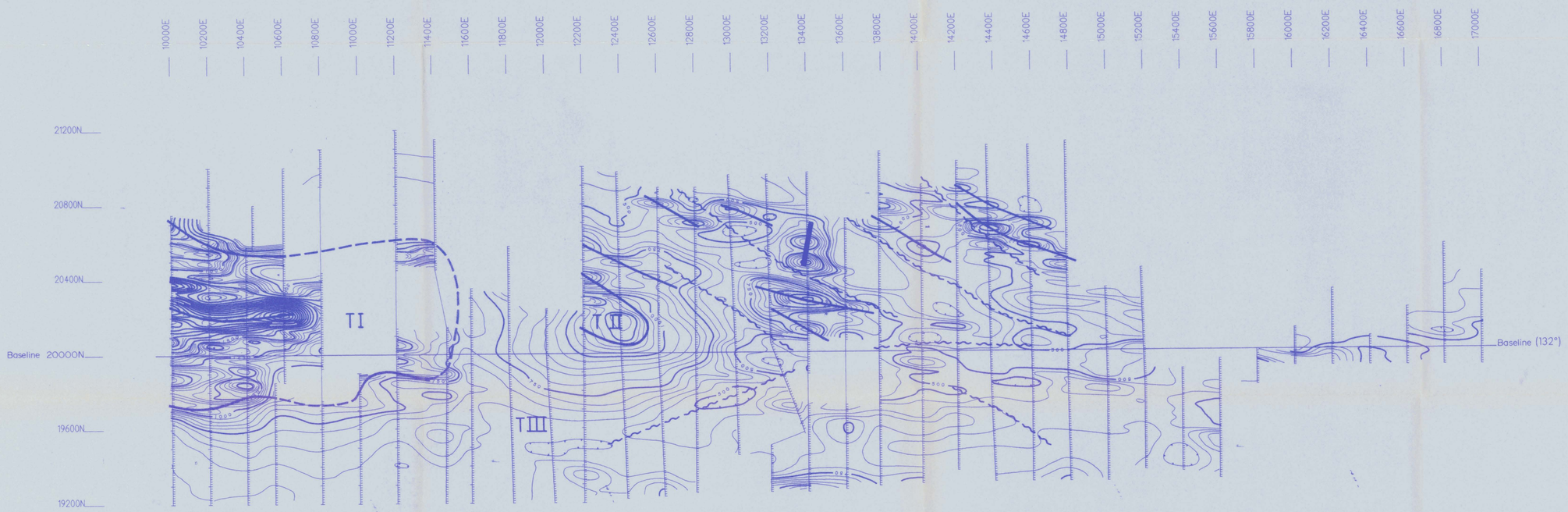
PROJECT: PUTZ-BENNET PROJECT # : 343
BASELINE AZIMUTH : 132 Deg.

SCALE = 1:10000 DATE : 7/30/90
SURVEY BY : D HEON NTS : **FIG 11**
FILE: C343PUT

NORANDA EXPLORATION

092013

(62) MAP#105-D-12




LEGEND

MAG DIKES

MAG BREAKS

MAG CONTACTS

Instrument : OMNI
Field : TOTAL
Datum : 58000.0 nT

Contour Interval :

Conductor Axis :

200m 100m 0m 200m 400m

**PUTZ-BENNET**

MAGNETOMETER SURVEY

PROJECT: PUTZ-BENNET PROJECT # : 343
BASELINE AZIMUTH : 90 Deg.

SCALE = 1 :10000 DATE : 11/15/90
SURVEY BY : AMEROK NTS : FIG 12
FILE: Mputz
NORANDA EXPLORATION 092913

21-0-00 #MM (93)