MAP NO.: 115 F 15

ASSESSMENT REPORT X
PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 093020
MINING DISTRICT: WHITEHORSE
TYPE OF WORK: geology, geochemistry geophysics

REPORT FILED UNDER: NORANDA EXPLORATION COMPANY LIMITED

DATE PERFORMED: JUNE - AUGUST 1991 **DATE FILED:** APRIL 8, 1992

LOCATION: **LAT.:** 61°59'N **AREA:** HUMP MOUNTAIN/WHITE RIVER

LONG.: 140°52'W **VALUE $:** 28,800

CLAIM NAME & NO.: AZ 1-72

WORK DONE BY: SHIRLEY ABERCROMBIE/G MACKAY

WORK DONE FOR: NORANDA EXPLOARTION COMPANY LIMITED

DATE TO GOOD STANDING:

REMARKS: 115F 108 DISCOVERED BY RON BERDAHL. PROPERTY CONSISTS OF SEVERAL LARGE CALC-SILICATE SKARN BOULDERS CONTAINING A BAND OF CHALCOPYRITE. GRAB SAMPLES RETURNED >10% CU, 126.5 GPT AG AND 7.08 GPT AU.MINERALIZATION OCCURS WITHIN LIMESTONE.

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

M.R. file no.

R.M.M.R. file no.

Date forwarded 9 April 1992

TRANSMITTAL FORM

From ▶ Mining Recorder at: Whitehorse

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☐ DIAMOND DRILL LOGS — Claims — Claim sheet no.
- ☑ QUARTZ ASSESSMENT REPORT — Claims: A2 1-72 — Claim sheet no.
  - Type of report: GP, MS, GC
  - Submitted by: Noranda Expl. Co. Ltd.
  - Cls. work performed on: A2 1-72
  - $ req. for ren. application: 28,800.00

OFFICE OF THE REGIONAL MANAGER
APR 09 1992
WHITEHORSE
YUKON TERRITORY

H Southwick
Signature

Date returned

REPLY ACTION

093020

Signature

802-37 (7-88)

REPORT

ON THE

AZ 1 - 72

THE REGIONAL MANAGER
APR 09 1992
WHITEHORSE
YUKON TERRITORY

WHITEHORSE MINING DISTRICT

N.T.S. : 115 F/15

Latitude : 61 59'

Longitude : 140 52'

093320

RECEIVED
APR - 8 1992
MINING
RECORDERS OFFICE
WHITEHORSE, Y.T.

Owner: Noranda Exploration Company Limited

(no personal liability)

Gordon MacKay

November, 1991

SUMMARY

Copper, gold and silver mineralization discovered on the Az property has similar characteristics and occurs in the same geological formations as mineralization at the world class Kennecott deposit 120km to the southwest.

To date mineralization at Az has only been located in float boulders. The average grade of four samples taken from the showing area is >10% Cu, 126.5 g/T Ag and 7.08g/T Au.

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Fig. 5: Copper in Soil ..... "

Fig. 6: Gold in Soil ..... "

Fig. 7: Silver in Soil ..... "

CHAPTER ONE: INTRODUCTION

1-1: Location & Access

The Az project is located in the Whitehorse Mining district. 340km northwest of Whitehorse, Yukon (NTS 115 F/15) see fig. 1.

Access to the property is by helicopter from the White River Lodge located on the Alaska Highway 20km due east of the property or by float plane based out of Whitehorse. Services are available at the White River Lodge year round.

1-2: Physiography & Vegetation

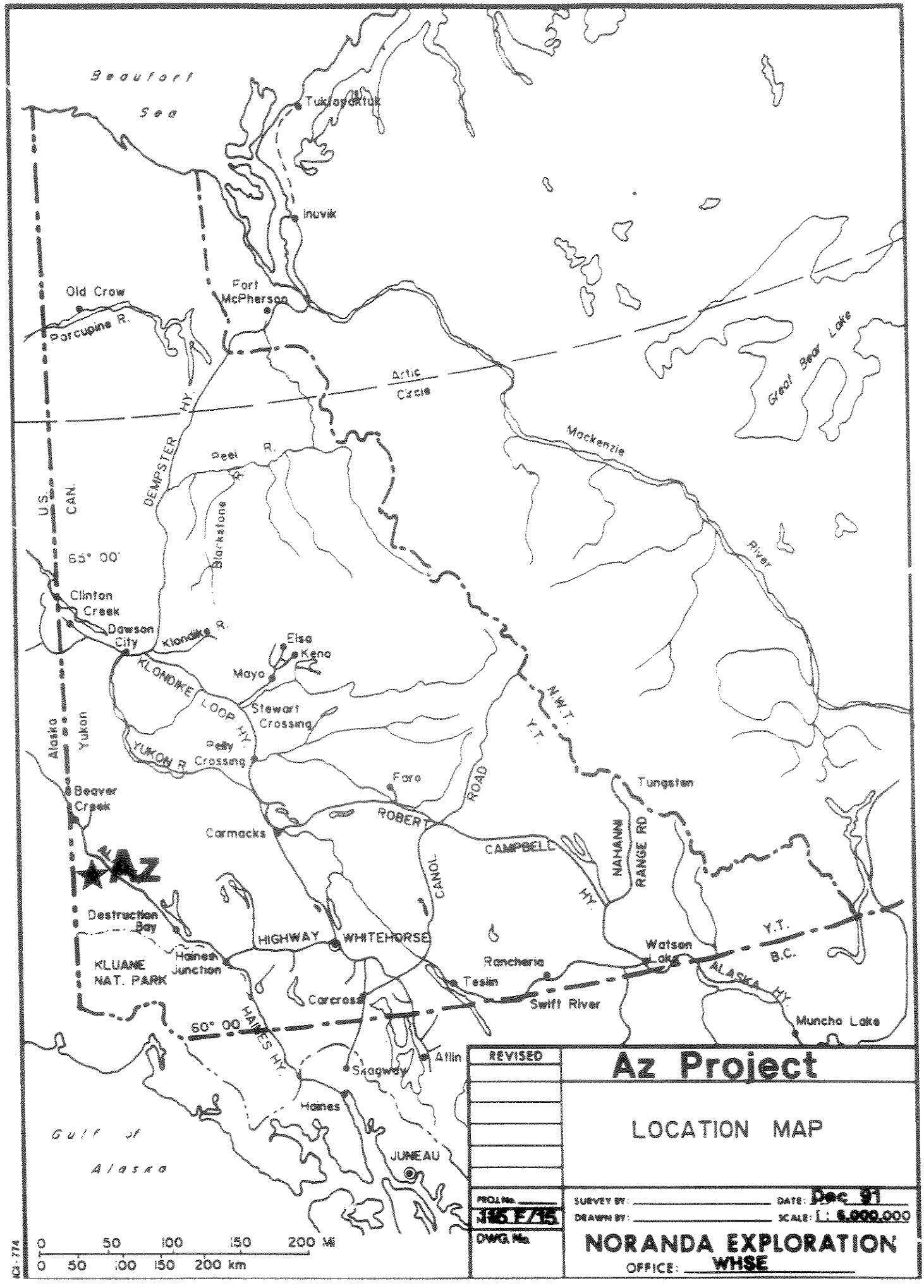
The property lies in the St. Elias Mountains 15km southwest of the Shakwak Trench which forms the northeastern boundary of the St. Elias. Locally, the property is situated on the western flank of Hump Mountain and borders Tchawsahmon Lake.

Vegetation consists of mixed coniferous and deciduous forest with alpine meadows above 1200m. Discontinuous permafrost is present on the property.

1-3: Exploration History

Placer gold was discovered in Frying Pan Creek and the creeks draining the Az property to the west, in 1912. In 1930 Treadwell Yukon Consolidated prospected the headwaters of these creeks for the source and dug 10 hand trenches.

In 1913 the Kennecott copper deposit in Alaska, southwest of the Az prospect, was put into production. From 1913 to 1938 4.3



REVISED

Az Project

LOCATION MAP

PROJ. No. 335.E715

DWG. No.

SURVEY BY: _____ DATE: Dec 91

DRAWN BY: _____ SCALE: 1: 6,000,000

NORANDA EXPLORATION

OFFICE: WHSE

KA-774

million tonnes of ore were milled grading 12.6% Cu and 65 g/t Ag. 544 million kilograms of copper and 280 million grams of silver were produced.

In 1989 Whitehorse prospector Ron Burdahl located a number of large boulders which contain significant copper, gold and silver mineralization. The prospector staked the property and Noranda subsequently entered an option agreement to earn 100% interest in the project in March 1991.

1-4: Claim History

The original claims were staked in June 1989 with subsequent staking in June 1991. The property is bounded on the north and east by land claim selections of the White River Native Band.

The property consists of the following claims:

Claims	Record No.s	Staked	Anniversary
Az 1-8	YB26305-312	June 8/89	June 8/99
Az 9-72	YB35932-995	June 11/91	June 11/96

which will be in good standing until the anniversary dates given upon filing of 1991 work.

1-5: Work Program 1991

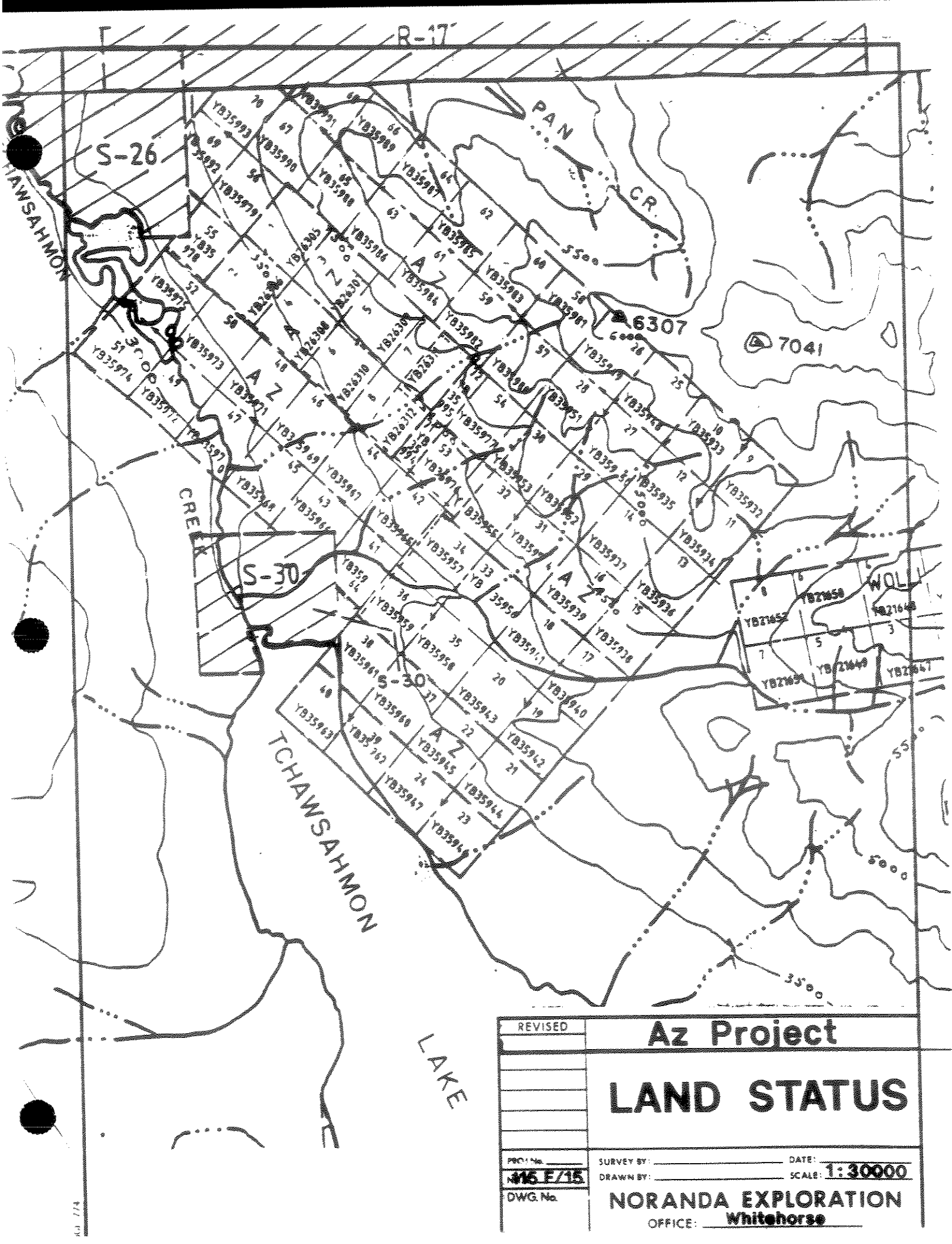
The 1991 exploration program consisted of geological mapping, soil geochemical and magnetic coverage followed by 13.5km of IP.

The following personnel involved were;

Shirley Abercrombie	Project Geologist	Whitehorse, Yukon
Jesse Duke	Project Geologist	Whitehorse, Yukon
Gordon MacKay	Project Geologist	Whitehorse, Yukon
Kathy Hoffman	Geologist	Vancouver, B.C.
Gernot Wober	Geologist	Vancouver, B.C.
Mike Melenka	Assistant	Vancouver, B.C.
Eerik Lilles	Assistant	Whitehorse, Yukon

CONTRACTORS:

Amerok Geophysics	Whitehorse, Yukon
Alta Engineering	Vancouver, B.C.


R-17
S-26
S-30
S-30
TCHAWSAHMON
TCHAWSAHMON
PANT CR.
CREEK
LAKE
6307
7041
WOLF
A Z
A Z
A Z

CHAPTER TWO: GEOLOGY

2-1: Geology

The major geological formations are:

TRIASSIC

Nikolai Greenstone

Amygdaloidal basalt and andesite flows interbedded with shale and black bioclastic limestone.

Nizina Limestone

Light to dark grey well bedded limestone and limestone breccia.

The unit commonly overlies the Nikolai Greenstone however it has not been recognized on the Az property.

JURASSIC

Dezadeash Group

Light to dark grey lithic greywacke, sandstone, siltstone, thin dark greyshale, argillite and conglomerate.

CRETACEOUS

Kluane Range Intrusions

Medium grained biotite hornblende diorite.

The central part of the property is dominated by Nikolai Greenstone. This is overlain by Dezadeash Group clastic sediments. The boundary between these two units is where the Nizina limestone commonly occurs.

This package has been intruded to the southwest by Kluane Range medium grained biotite hornblende diorite.

CHAPTER THREE: MINERALIZATION

The showing is a group of angular boulders located 200m south of the baseline just west of line 11000E. The boulders may in part be subcrop and appear not to have travelled far.

Mineralization is dominantly chalcopyrite with more minor amounts of pyrite and magnetite. A sample of a mineralized boulder returned >10% Cu, 113.4 g/t Ag and 7.92 g/t Au.

The character of this mineralization is similar to the Kennecott mine in Alaska. The Kennecott mineralization occurs in the Nizina Limestone and the copper is thought to have been derived from the Nikolai Greenstone.

The mineralized boulders at the Az appear to be replacement in limestone style mineralization and could be derived from an unmapped package of Nizina Limestone.

CHAPTER FOUR: GEOCHEMISTRY

A total of 849 soil samples were taken 1991. These samples were sent to Noranda's Vancouver Lab for 30 element ICP and gold analysis by atomic absorption. Then pulps were sent to Acme Analytical for mercury analysis by flameless AA. All assay results are listed in Appendix I.

Results indicate that the Nikolai Greenstone has high copper background generally <50ppm. A strong copper, gold and silver anomaly extends for 350m southwest of the showing. This appears to overlie a strong, but locally patchy, copper only anomaly that extends for 3000m in an easterly direction across the property.

CHAPTER FIVE: GEOPHYSICS

The most obvious magnetic features for this property, have been outlined. A more detailed interpretation would yield more information from the magnetics map. The main directions for the interpreted structures are NE - SW and NW - SE.

A graphitic source may explain the very strong I.P. response lying within the subdued magnetics which may represent argillite.

The I.P. zone found at the SW of the grid appears to be fault controlled. (Wong, T. 1991 Preliminary Report on Geophysics at the Az Property)

The following I.P. responses have been identified as targets. Depths given are the depths to the top of the target.

1. L.10800E/862.5N/d=30m. Coincident low resistivity.
2. L.11200E/1462.5N/d=30m. Coincident low resistivity.
3. L.11700E/1837.5N/d=surface. Vertical feature?
4. L.11900E/600N/d=surface. Coincident low resistivity. OR
5. L12300E/600N/d=25m. Coincident low resistivity.
6. L.12500E/1125N/d=60m. Low coincident resistivity.

CHAPTER SIX: CONCLUSION

Copper, gold and silver mineralization discovered on the Az property has similar characteristics and occurs in the same geological formations as mineralization at the world class Kennecott deposit 120km to the southwest.

To date mineralization at Az has only been located in float boulders. The average grade of four samples taken from the showing area is >10% Cu, 126.5 g/T Ag and 7.08g/T Au.

Respectfully submitted by;

Gordon MacKay

Project Geologist

STATEMENT OF COSTS

Linecutting		15 km	$14,000.
Geophysics	Magnetics	43.0 km	22,000.
	IP	13.5 km	39,500.
Trenching			20,000.
Geochem		839 samples	22,000.
		TOTAL	$117,000.

REFERENCES

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1991: Preliminary Report on Geophysics at the Az property. Noranda In House, Sept. 24, 1991.

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1977: Surficial Geology and Geomorphology; Generc River Map 7-1978.

Muller, J.E.

1967: Kluane Lake Map Area, Yukon Territory, GSC Memoir 340.

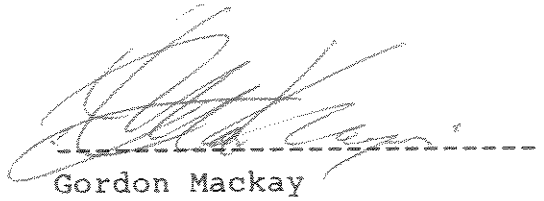
STATEMENT OF QUALIFICATIONS

I, Gordon MacKay of the City of Whitehorse, Yukon, do hereby certify that:

1) I have been an employee of Noranda Exploration Company Limited, (npl) in Whitehorse, Yukon since May 1988.

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

3) I supervised work on the claims during 1991.



Gordon Mackay
Project Geologist

4500

5000

Frying Pan Creek

74

10% Cu
7.9 g/T Au

2955±

73

3000

3500

4000

72

71

Tchaikazan Ck.

5870000m.N.

LEGEND :

Cretaceous
Granodiorite

Upper Triassic
Nikolai Greenstone
Basalt and Andesite
with interlayered Black
Limestone and Shale

Jurassic
Dezeash Group
Argillite, Siltstone,
Greywacke Conglomerate

093020
(400)
MAP# 115 F/6

SCALE
1:5000

Metres 200 0 200 400 600 Metres

REVISED

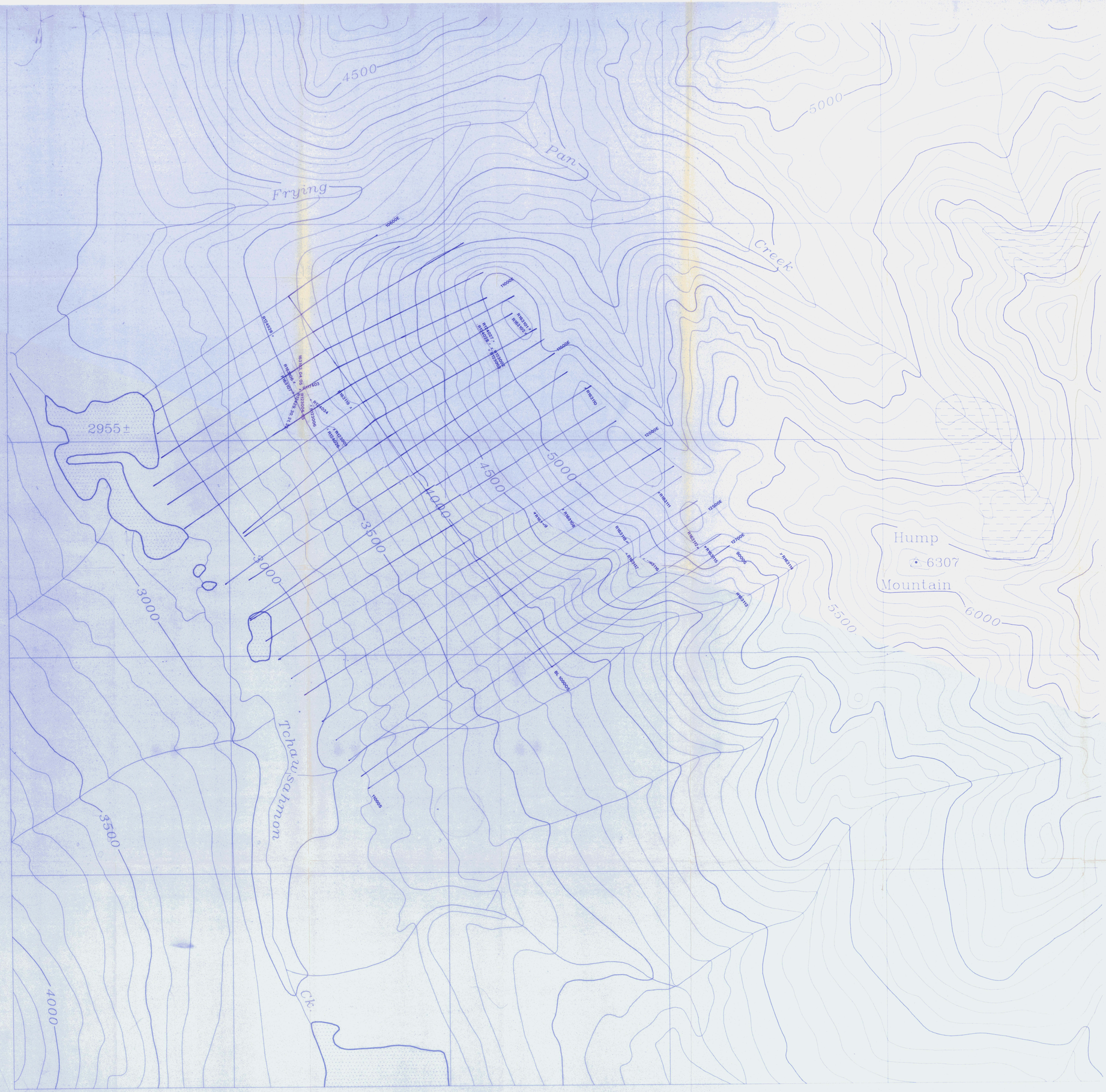
AZ PROPERTY

GEOLOGY

PROJ.No. 0351
N.T.S. 115F/15
DWG.No.

SURVEY BY: J.L.D. DATE: MARCH/91
DRAWN BY: P.J.A.(AUTOCAD) SCALE: 1:5000

NORANDA EXPLORATION
OFFICE: VANCOUVER



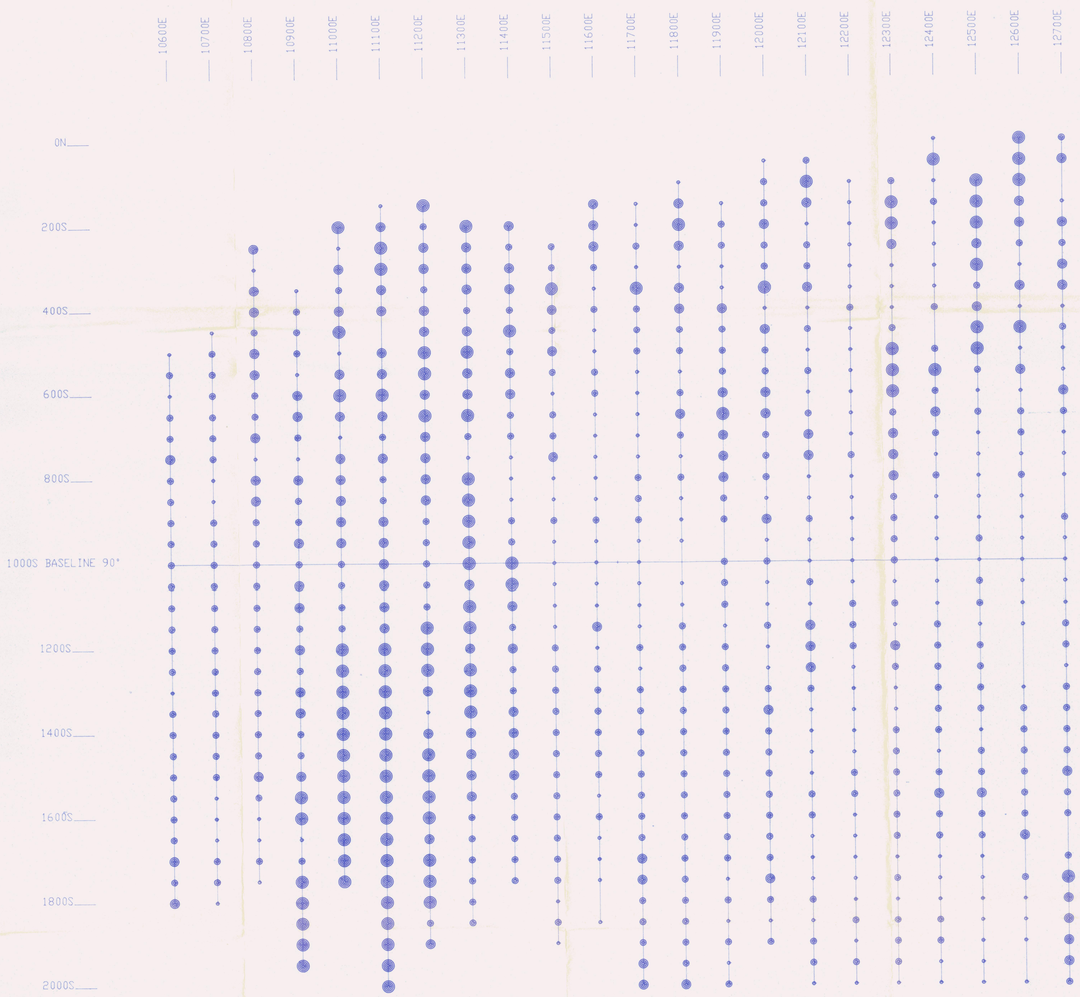
093020

MAP# 115 F/5

SCALE
1:5000

Metres 200 0 200 400 600 Metres

REVISED	AZ PROPERTY
	SAMPLE LOCATION
PROJ.No. 0351	SURVEY BY: DATE: MARCH/91
N.T.S. 115F/15	DRAWN BY: PJA (AUTOCAD) SCALE: 1:5000
DWG.No.	NORANDA EXPLORATION
	OFFICE: VANCOUVER



093020
(402)
MAP# 115 F/15

Contour Interval :

100m 50m 0m 100m 200m

>0 <50	>=50 <75	>=75 <100	>=100

PPM Cu

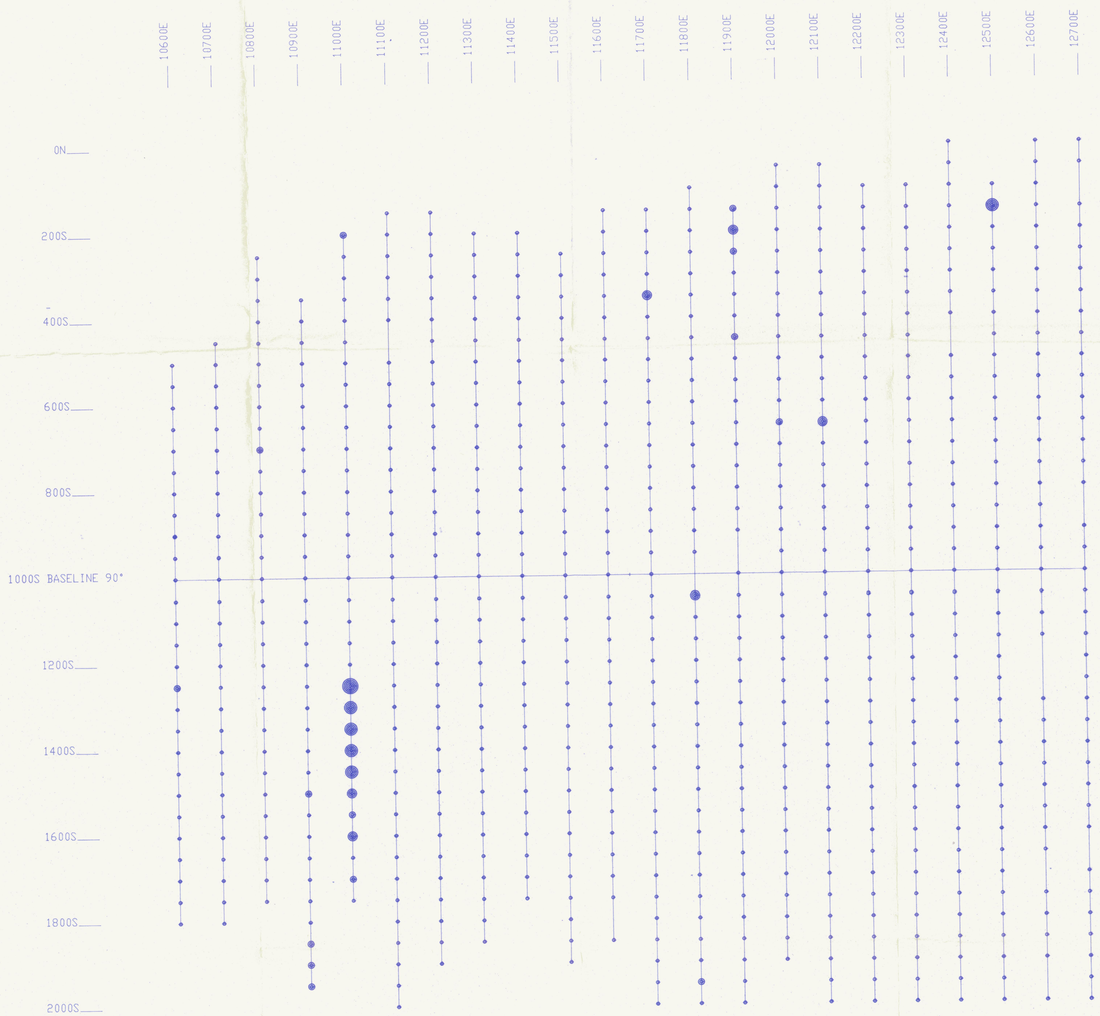
AZ

SOIL GEOCHEMICAL SURVEY
PPM Cu
PROJECT: AZ PROJECT # : 351
BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 5000 DATE : 11/22/91
SURVEY BY : GM NTS :
FILE: C351AZ
NORANDA EXPLORATION

noranda
NORANDA EXPLORATION CO. LTD.

Zero: 5.10 Thu 21 Nov 1991 at 14:12 Centre of plot at 11650.0E/1600.0S Serial # C90140. Registered User - NORANDA EXPLORATION



N

093020
(403)
MAP#115F/15

Contour Interval :

100m 50m 0m 100m 200m

>0 <10	>=10 <20	>=20 <50	>=50 <100	>=100

PPB Au

AZ

SOIL GEOCHEMICAL SURVEY
PPB Au
PROJECT: AZ PROJECT # : 351
BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 5000 DATE : 11/22/91
SURVEY BY : GM NTS :
FILE: C351AZ
NORANDA EXPLORATION

noranda
NORANDA EXPLORATION CO. LTD.

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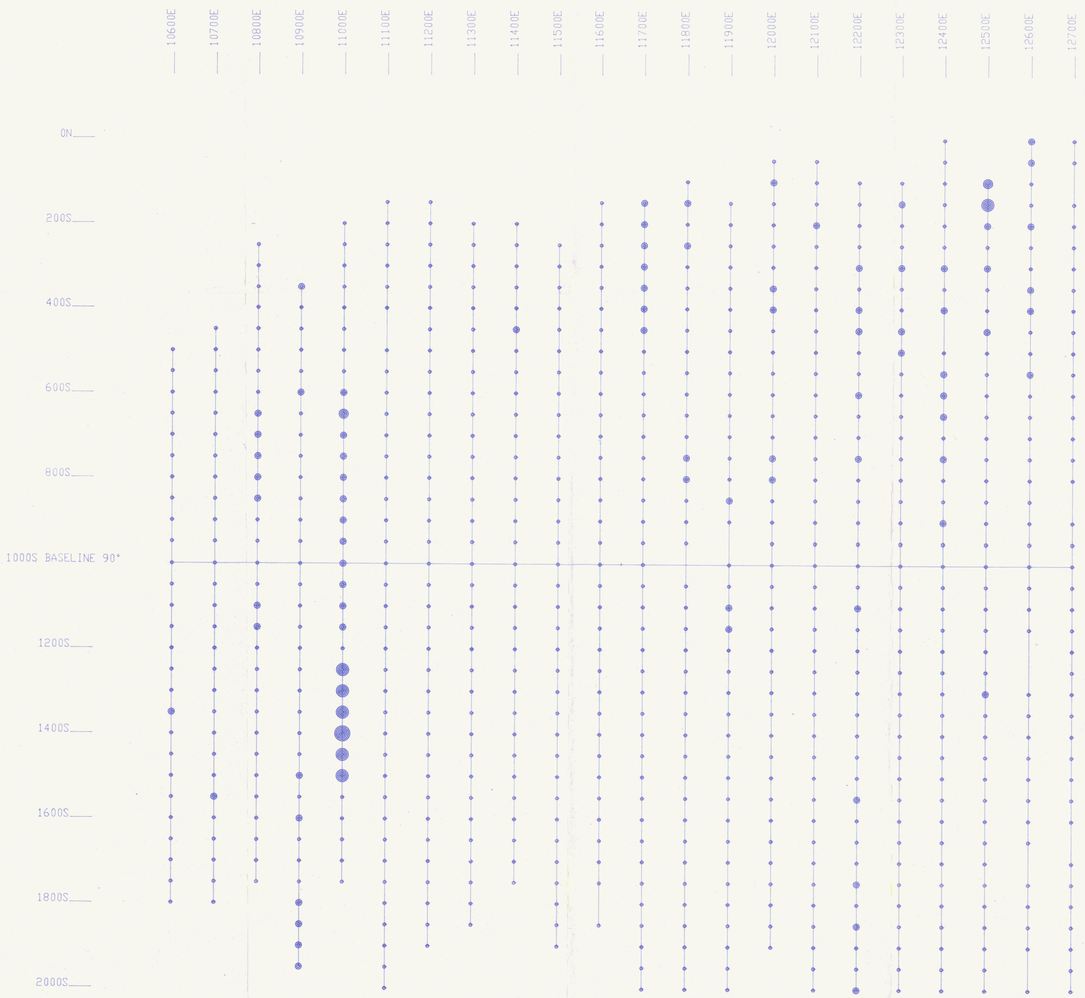

N

093020

404

MAP # 15 F/5

Contour Interval :

100m 50m 0m 100m 200m

>0 <0.40	>=0.40 <0.80	>=0.80 <1.4	>=1.4 <2.0	>=2.0

PPM Ag

AZ

SOIL GEOCHEMICAL SURVEY

PPM Ag

PROJECT: AZ PROJECT # : 351

BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 5000 DATE : 11/22/91

SURVEY BY : GM NTS :

FILE: C351AZ

NORANDA EXPLORATION

noranda

NORANDA EXPLORATION CO. LTD.

Form: 3.10 Thu 21 Nov 1991 at 14:12 Centre of plot at 10650.0E/1000.0S Serial # C90140, Registered User : NORANDA EXPLORATION

APPENDIX I

ROCK SAMPLE RESULTS AND DESRIPTIONS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb 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 117401	1	637	21	83	.9	49	31	946	8.49	2	5	ND	1	36	.2	2	7	141	4.16	.053	2	61	.60	17	.40	2	2.37	.14	.18	2	14	10
R 117402	1	683	9	33	1.2	28	12	164	2.93	2	5	ND	1	179	.2	3	4	123	2.27	.062	2	87	.33	6	.26	5	2.55	.21	.05	1	18	240
R 117403	2	99999✓	2	233	113.4✓	361	632	252	28.11	17	5	5	1	1	12.9	2	2	8	.31	.052	2	33	.16	5	.01	9	.01	.01	.01	12	7920	20
R 123001	1	208	2	19	.2	9	8	1403	6.78	2	5	ND	1	8	.2	2	7	54	10.80	.024	2	17	.17	3	.03	7	1.43	.01	.01	1	21	60
R 123002	1	596	4	189	.7	23	11	1283	5.57	2	5	ND	1	26	.2	2	2	110	8.80	.012	2	29	.15	3	.15	3	1.64	.01	.02	1	15	20
R 123003	1	542	9	120	.4	53	30	702	6.30	3	5	ND	1	195	.2	4	5	124	3.51	.047	2	57	1.03	17	.33	5	3.05	.35	.22	1	13	30
R 123004	1	95642✓	26	119	148.3✓	238	388	178	31.60	138	5	15	1	3	8.4	30	36	6	.04	.031	3	31	.04	4	.01	9	.01	.01	.09	1	6630	20
R 123005	2	17677✓	2	41	20.5	127	40	1306	8.29	9	5	14	1	23	1.5	4	14	6	10.78	.049	2	18	.10	7	.01	3	.10	.01	.01	8	5090	5
R 123006	4	262	2	17	.9	7	7	1190	14.30	2	5	ND	1	10	.2	3	7	18	12.27	.013	2	28	.14	8	.02	6	.51	.01	.01	16	8	5
R 124026	1	472	15	33	.4	67	20	354	4.16	2	5	ND	1	35	.2	6	2	78	1.18	.046	2	70	2.34	178	.21	2	2.36	.24	.96	2	90	5
R 124027	1	41	9	32	.3	14	6	136	.69	4	5	ND	1	104	1.8	8	2	19	35.50	.009	2	8	1.15	1	.01	2	.05	.01	.01	1	5	5
R 124028	1	773	12	22	.8	49	15	741	5.87	2	5	ND	1	144	.2	2	2	183	5.47	.047	2	63	.17	6	.52	6	2.19	.20	.07	1	24	5
R 124029	1	99999✓	20	232	135.6✓	323	634	207	31.01	130	5	13	1	1	12.4	2	2	4	.13	.001	3	46	.10	7	.01	6	.01	.01	.01	1	7380	5
R 124030	3	99632✓	2	130	68.6✓	238	297	948	20.01	6	5	4	1	10	8.9	6	3	8	4.55	.046	2	31	.16	6	.01	2	.08	.01	.01	1	1380	5
R 124031	1	72320✓	2	98	55.1✓	218	251	1254	25.78	41	5	8	1	8	6.9	8	26	17	6.17	.008	2	36	.16	18	.01	7	.17	.01	.02	1	4090	5
R 124032	3	3606	2	20	3.0	61	16	1920	11.35	3	5	ND	1	28	.2	2	15	15	17.83	.016	2	23	.28	5	.01	4	.30	.01	.01	49	26	5
R 124034	15	264	19	43	.8	12	14	1531	24.62	2	5	ND	1	32	.3	6	2	60	10.08	.040	2	28	.70	15	.02	4	1.49	.01	.06	3	50	5
R 124526	1	637	11	42	.5	56	34	428	5.29	2	5	ND	1	135	.2	4	2	106	3.76	.050	2	51	1.08	36	.46	2	3.55	.37	.48	1	9	5
STANDARD C/AU-R	18	57	41	138	7.8	69	31	978	4.07	43	17	7	36	47	17.4	16	18	58	.52	.097	38	58	.90	171	.09	35	1.94	.06	.13	12	500	1600

✓ ASSAY RECOMMENDED

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

A.2. (SA)

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-069-351 File # 91-1992

1050 Davie St., Vancouver BC V6E 1M4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
R163101	1	79	9	34	.1	34	10	253	2.17	2	5	ND	1	120	.4	2	2	55	2.56	.031	2	68	.92	99	.25	5	3.76	.60	.33	1	1	5
R163102	1	116	5	22	.1	17	8	186	1.88	3	5	ND	1	201	.2	2	2	34	3.19	.045	2	28	.47	50	.15	9	4.64	.62	.11	1	1	5
R163103	4	19453 ✓	9	68	20.5	138	56	1376	6.66	5	9	28	1	32	.2	2	20	7	12.67	.033	2	11	.10	9	.01	2	.15	.01	.01	5	2580	10
R163104	1	99750 ✓	2	346	109.9	497	902	123	29.33	19	5	6	2	5	1.9	3	56	4	.23	.010	2	8	.08	12	.01	13	.12	.01	.02	1	6380	10
R163105	1	35222 ✓	4	116	32.7	155	249	1367	14.06	4	5	3	1	20	.9	2	2	7	10.75	.019	2	15	.11	14	.01	2	.17	.01	.01	13	2680	5
R163106	1	158	5	12	.2	6	8	1157	11.00	4	5	ND	1	13	.2	2	2	10	14.84	.010	2	9	.06	6	.01	2	.20	.01	.01	21	5	20
R163107	5	94	11	33	.1	4	15	1267	12.94	2	5	ND	1	19	.2	2	2	27	12.05	.013	2	10	.22	13	.02	2	.65	.01	.02	9	7	5
R163108	2	631	8	29	.5	54	20	284	3.89	2	5	ND	1	59	.2	2	6	99	1.12	.048	2	97	1.67	102	.24	2	2.17	.19	1.08	1	52	10
R163109	47	79	16	72	.4	57	6	108	3.60	8	5	ND	1	160	.2	2	2	45	6.17	.030	2	15	.11	29	.06	5	1.52	.03	.09	1	6	5
R163110	2	79	5	46	.1	67	23	471	4.60	4	6	ND	1	23	.2	2	9	102	1.51	.020	2	135	1.92	138	.30	2	1.61	.08	1.19	1	1	5
R163111	1	252	2	25	.3	30	14	155	3.79	3	5	ND	1	384	.2	2	3	62	3.19	.051	2	58	.92	66	.17	5	5.35	.66	.40	1	5	5
R163112	3	77	8	42	.1	29	19	192	3.43	4	5	ND	1	77	.2	2	2	103	1.48	.045	2	21	1.53	134	.25	4	2.48	.15	1.04	1	1	5
R163113	1	161	4	27	.5	32	15	202	4.74	2	5	ND	1	244	.2	2	2	58	2.07	.042	2	42	1.32	120	.13	6	3.71	.42	.56	1	4	5
R163114	1	149	9	20	.1	51	26	180	3.76	2	5	ND	1	171	.3	2	2	56	2.56	.052	3	42	.93	35	.18	6	3.36	.42	.09	1	1	5
R163115	1	479	5	24	.8	47	19	201	5.70	3	5	ND	1	212	.2	4	8	75	3.11	.039	2	59	.80	113	.22	4	4.92	.54	.50	1	1	5
R163116	1	81	4	20	.1	31	19	232	3.23	7	5	ND	1	155	.3	3	2	63	2.57	.080	2	23	.66	77	.18	2	3.50	.44	.06	1	2	10
R163117	2	52	2	32	.1	43	25	294	4.18	2	5	ND	1	49	.2	3	2	106	1.32	.088	2	38	1.34	242	.24	4	1.93	.22	.55	1	1	10
R163118	1	99	5	25	.1	19	12	203	3.49	2	5	ND	1	194	.4	2	2	33	1.62	.097	4	12	.62	184	.19	11	2.41	.34	.38	1	1	5
R163119	1	682	12	66	.6	34	22	558	9.12	2	5	ND	1	177	.2	2	11	187	3.79	.038	2	64	.51	21	.31	2	3.81	.34	.18	1	36	5
STANDARD C/AU-R	18	58	37	132	7.3	65	34	1043	3.94	36	19	7	40	53	18.4	15	21	55	.48	.088	39	59	.88	177	.09	34	1.88	.07	.15	11	490	1600

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

DATE RECEIVED: JUN 25 1991 **DATE REPORT MAILED:** June 28/91. **SIGNED BY** .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

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

GEOCHEMICAL ANALYSIS CERTIFICATE A2 (SA)

Noranda Exploration Co. Ltd. PROJECT 9108-095 351 File # 91-3774

1050 Davie St., Vancouver BC V6E 1M4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
R163201	1	94	2	99	.2	47	27	798	5.73	2	5	ND	2	24	.6	2	2	202	1.73	.069	4	61	2.56	80	.24	2	2.36	.04	.64	1	4	25
R163202	2	15	2	72	.2	8	3	126	.94	9	5	ND	6	3	.2	2	2	11	.06	.008	25	8	.24	24	.02	2	.38	.01	.25	1	22	10
R163203	1	14	4	89	.3	36	11	1283	3.91	2	5	ND	1	36	1.0	2	2	92	7.08	.018	2	65	.56	8	.21	2	2.70	.93	.12	1	6	120
R163204	1	138	4	83	.2	62	22	753	2.44	3	5	ND	1	146	.9	2	2	98	8.28	.048	2	33	.21	65	.22	2	2.70	.64	.11	1	1	5
R163205	1	190	3	42	.2	30	14	378	4.25	2	5	ND	1	24	.5	2	2	119	1.55	.029	2	69	1.05	32	.29	2	1.57	.18	.24	1	3	5
R163247	1	368	2	11	.5	10	10	1223	12.47	10	6	ND	1	10	1.9	2	2	10	12.75	.013	2	11	.09	18	.01	3	.22	.01	.02	22	14	30
RE R163277	1	90	2	70	.3	20	25	527	5.80	2	5	ND	3	10	.7	2	2	165	1.69	.100	12	14	1.00	222	.38	2	1.52	.05	1.04	1	16	5
R163248	1	285	2	13	.3	10	10	1393	11.49	10	5	ND	1	12	2.0	2	2	17	13.48	.021	2	9	.13	23	.02	2	.34	.01	.02	21	3	35
R163249	1	168	2	18	.3	9	11	1549	9.13	7	5	ND	1	14	1.5	2	2	27	13.04	.034	2	14	.19	19	.03	2	.76	.01	.01	6	14	20
R163250	2	201	2	15	.2	9	8	1566	8.91	6	5	ND	1	18	1.5	2	2	27	12.09	.029	2	17	.28	20	.04	2	.79	.01	.01	12	1	30
R163276	1	199	2	13	.5	41	29	340	5.55	3	5	ND	1	114	.4	2	2	36	3.14	.038	2	33	.41	79	.14	3	2.30	.30	.17	1	1	10
R163277	1	88	3	72	.3	21	26	517	5.76	6	5	ND	2	12	.8	2	2	168	1.52	.100	13	15	1.02	184	.39	2	1.60	.06	1.09	1	15	5
R163278	1	66	4	21	.6	77	29	284	4.82	4	5	ND	2	277	1.0	2	2	46	3.34	.031	2	54	.77	84	.16	5	4.75	.50	.40	1	5	5
R163279	2	61	3	31	.2	9	12	479	4.30	4	5	ND	1	133	.4	2	2	76	2.42	.075	6	7	.82	220	.23	2	2.63	.31	.51	1	5	5
R163280	4	29	2	9	.1	5	2	85	1.11	3	5	ND	2	12	.2	2	2	38	.36	.063	7	7	.17	31	.09	3	.32	.09	.08	1	2	10
R163281	2	83	17	49	.3	75	28	260	4.45	29	5	ND	1	170	.4	2	2	45	1.69	.071	5	31	.79	56	.16	2	2.26	.32	.08	1	4	5
R163282	1	78	8	21	.3	71	28	295	4.75	18	5	ND	1	114	.2	2	2	94	1.01	.065	4	64	1.71	79	.19	2	1.97	.21	.41	1	4	5
R163283	1	67	5	23	.4	70	25	284	4.11	9	5	ND	1	106	.3	2	2	89	.98	.063	5	61	1.70	76	.19	2	1.96	.18	.21	1	2	5
R163284	1	62	8	11	.3	72	23	127	3.67	11	5	ND	1	157	.2	2	2	32	1.24	.065	4	23	.45	44	.16	3	1.72	.30	.08	1	2	15
R163285	1	78	6	13	.3	75	25	168	4.32	44	5	ND	1	110	.3	2	2	39	1.12	.065	5	38	.56	49	.14	4	1.33	.21	.11	1	1	5
R163286	1	54	5	88	.3	40	13	456	2.17	6	5	ND	1	269	.5	2	2	7	17.07	.036	3	7	.09	32	.06	2	2.02	.06	.03	1	2	10
R163287	1	27	4	21	.1	38	6	191	.72	3	5	ND	1	45	.2	2	2	4	2.02	.024	4	5	.07	41	.10	2	.81	.26	.05	1	4	10
R163288	1	75	5	41	.2	19	12	256	3.26	2	5	ND	2	114	.2	2	2	104	2.36	.053	5	54	.78	65	.24	2	3.22	.33	.30	1	3	10
R163289	1	601	2	26	.5	48	31	158	5.11	2	5	ND	1	401	.6	2	2	70	3.09	.026	2	68	.93	99	.24	2	5.13	.53	.64	1	6	5
R163290	3	37	4	72	.2	12	4	238	1.82	26	5	ND	5	11	.2	2	2	16	.11	.011	22	17	1.28	34	.07	2	1.70	.03	1.03	1	6	10
STANDARD C/AU-R	19	56	39	128	6.9	69	31	1031	3.91	44	18	7	40	53	19.0	15	18	57	.49	.080	38	58	.88	183	.09	32	1.86	.06	.15	11	520	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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 22 1991 **DATE REPORT MAILED:** Aug 28/91. **SIGNED BY** C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 I 15

PROPERTY AZ claims

DATE 90-05-0..

PROJECT 2312

ROCK SAMPLE REPORT

PLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☒ A☐ Au ppb	G☒ A☐ Ag ppm	G☒ A☐ Cu %	G☒ A☐ Hg ppb	G☒ A☐ As ppm	G☐ A☐	G☐ A☐	SAMPLED BY
23001	Claim No. 2 in rock float											
	[illegible] iron oxide				<1	.2	.02	60	2			
	40% [illegible]											
	[illegible]											D/K
	[illegible]	1-2%	float	?								
23002	Creek in road, [illegible]											
	o/c 30cm wide [illegible] No											
	Silic. w/ sig. Cpy [illegible]	1%	o/c	30cm	15	.7	.06	20	7			D/K
	2% Py	5 diss.	chip									
	1% [illegible] + calcite stringers											
23003	Beside 23002 o/c											
	dark grey-grey [illegible]		o/c									
	Py [illegible] Py 2%	1%	chip	50cm	15	.7	.05	30	3			D/K
	Trace cpy (possible tetr)	trace										
23004	Main showing float - Subcrop		Subcrop-									
	large boulder - hydrothermal vein		float		6650	148.3	9.6	20	138			D/K
	15cm wide silicified		chip	15cm								
	Cpy+Py 20% <1mm [illegible]	50%										
	[illegible] 2% Py [illegible]	2%										

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115/F15

PROPERTY Az

DATE 90-06-05

PROJECT #512

ROCK SAMPLE REPORT

LE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☑ A☐ Au ppb	G☑ A☐ Ag ppm	G☑ A☐ Cu %	G☑ A☐ Pb ppm	G☑ A☐ Zn ppm	G☐ A☐	G☐ A☐	SAMPLED BY
3005	Main zone											
	(Contact zone -		S/C-FH									
	metachert (minor aguite) rock	1-2%	chip	60cm	5090	2.5	1.8	5	9			
	containing 1-2% po + py											
	FT + massive py + cpy											
	Sample from both sides 30cm + 30cm											
3006	30m at 170° South of main zone											
	(Hanging		S/C-FH									
	fine grained grey gneissic		grab		8	.9	.026	5	2			DK
	metabasalt with 1% stringer	1%										
	30% quartz + trace cpy											
7401	Co				14	.9	.064	10	2			
	of 151 - location											Bonanzaville
	Gneissic to foliated	<2%										
	mafic tuff											
	trace py											

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115/F15

PROPERTY AT

DATE 90-06-06

ROCK SAMPLE REPORT

PROJECT 317

PLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☒ A☐ Au ppb	G☒ A☐ Ag ppm	G☒ A☐ Cu %	G☒ A☐ Hg ppb	G☒ A☐ As ppm	G☐ A☐	G☐ A☐	SAMPLED BY
7402	Grab reference with Rock No. 401											
	# OF 152 Location unknown											K. Rundle
	grab sample; disseminated	1%			18	1.2	.068	240	2			
	pyrite; chalcopyrite											
7403	Grab reference to R. Rundle											
	# OF 152 Location unknown											R. Rundle
	Massive sulphides											
	Cpy 10%				7920	113.4	10%	20	17			
	MoS + Au 5%											
	Py 10%											
	Mt 5% large blebs											
	+ gangue											

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 F/15

PROPERTY AZ PROPERTY (RON TERRIEN) DATE June 6/90

ROCK SAMPLE REPORT

PROJECT 312

APLE NO	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G[Au] A[ ] Au ppb	G[Ag] A[ ] Ag ppm	G[Cu] A[ ] Cu %	G[Pb] A[ ] Pb ppb	G[Zn] A[ ] Zn %	G[ ] A[ ]	G[ ] A[ ]	SAMPLED BY
												BERNT WORBEC
24026	Rock in gulley 300m S.E. of main showing; black, fine grained basalt with some white blobs of either qtz or flsp = 5-6% arseno & pyrhotite	<5%	FLOAT		90	.4	.047	5	2			
24027	Recrystallized chert with dark bands few mm wide that grade into lighter bands Disseminated pyrite throughout	2%	FLOAT		5	.3	.0041	5	4			
24028	Rusty red weathered intrusive containing 15-20% red garnets 10% calcite 20% qtz 30% chlorite Fine grained disseminated pyrite	5%	OC GRAB		24	.8	.077	5	2			
24029	Red/brown oxidized massive calcopyrite ~10% with some pyrrhotite ~5% Hematite in blades and blebs (6%) and 10% oxide stained chlorite xtals MAY CONTAIN SULPHIDES SUBCROP	70%	SUBCROP GRAB		1750	15.6	10%	5	1.50			

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 F/5

PROPERTY AZ PROPERTY

DATE JUNE 6/90

ROCK SAMPLE REPORT

PROJECT 312

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G/A Au ppb	G/A Ag ppm	G/A Cu %	G/A Pb ppm	G/A Zn ppm	G/A	G/A	SAMPLED BY
21050	MASSIVE FINE-GRAINED INTRUSIVE	7-5%	SUBCROP									BERNOT
	with ~40% CALCOPYRITE, 20%		ROCKS									WORKER
	magnetite, 5% pyrrhotite,				1380	30.6	10 %	5	6			
	10% chlorite, <5% calcite											
	SUBCROP, MAIN SHOWING											
124031	MINERALIZED REPRESENTATIVE	45%	GRAB									
	High grade, subcrop of				4090	55.1	7.2	5	41			
	30% chlorite, 30% calco,											
	15% magnetite, 15% calcite											
	MAIN SHOWING											
21032	Dark green chloritized intrusive		GRAB									
	with 7% brown andradite					3.0	.36	5	3			
	garnets to 1/2 cm diameter											
	and large calcite xtals up to											
	1cm wide and 2 1/2 cm long											
	≈ 5% calco, 5% magnetite											
	subcrop @ main showing											

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 15 F/15

PROPERTY AZ PROPERTY

DATE June 6/70

PROJECT 32

ROCK SAMPLE REPORT

PLE NO	LOCATION & DESCRIPTION	SULPHIDES	TYPE	WIDTH	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
124531	[illegible]				Au ppb	Ag ppm	Cu %	Pb ppb	Zn ppm			[illegible]
	@ 1.60'											
	chlorite + dike intrusive				50	.8	.026	5	2			
	in large [illegible]											
	blebs + [illegible] of magnetite											
	[illegible]											

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 F/15

PROPERTY AZ Property

DATE June 17, 1991

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS	SAMPLED BY
3101	Rusty Weathering Basalt Fine grained grey green fresh surface. Pyrrhotite blebs and wisps up to 3 mm in diameter, 5% of the rock. Silicified.	Grab			SMa
3102	Rusty Weathering Basalt Fine grained pale green fresh surface. Rusty weathered surface. Locally tuffaceous. No visible sulphides. Silicified.	Grab			SMa
3103	Azurite / Malachite Skarn Main Showing - rock stained blue and green with 10% brown (6mm diameter) garnets, 10% bladed black (3cm diameter) magnetite, 10% white calcite and 2% chalcopyrite (blebs up to 2 cm in diameter)	Grab			SMa
3104	Massive Sulphide Main Showing Rusty brown weathering. Composed of 80% pyrite, 15% magnetite and 5% Chalcopyrite. Sulphides are medium grained. Pyrite cubes up to 1cm diameter.	Grab			SMa

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115I/15

PROPERTY AZ Property

DATE June 17, 1991

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS	SAMPLED BY
63105	Skarn with Sulphide. Main Showing. Composed of 50% green diopside, 10% brown garnet (up to 2cm in diameter), 25% white calcite, 5% chalcopyrite (blebs up to 1cm in diameter and 10% magnetite (up to 2cm in diameter) Medium grained rock.	Grab			SMa
63106	Skarn (no sulphide) Main Showing. Composed of 20% coarse magnetite (up to 3cm in diameter), 5% garnet (up to 5mm in diameter), and 75% quartz, calcite, etc. Fresh surface purplish gray and a gray brown weathered surface.	Grab			SMa
63107	Skarn (no sulphide) Sample similar to 63106. From an outcrop 10m south of the Main Showing. Composed of 10% magnetite (2 cm in diameter) 5% brown garnet (5 mm diameter and 85% skarn minerals (calcite, diopside and minor quartz) Couple of boulders.	Grab			SMa

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115E/15

PROPERTY AZ Property

DATE June 17, 1991

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS							SAMPLED BY
3108	Rusty Andesite	Grab									Todd P
	Rock has dark patches (hornfelsed). There										
	is greater than 5% disseminated pyrite.										

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115F/15

PROPERTY AZ Property

DATE June 19, 1991

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS	SAMPLED BY
03109	Rusty Carbonate Vein Weathered surface is rusty with local yellow patches. Vein approximately 30 cm wide and occurs within shale.	Grab			SMa
3110	Basalt Black weathering surface. Fresh surface dark gray to black. Epidote 10%. Calcite blebs up to 1 cm in diameter and 15% of the rock. Locally trace of magnetite within the calcite.	Grab			EL
03111	Rusty Andesite Red weathered surface. Pale white fresh surface. Pyrrhotite blebs up to 3 mm in diameter and 3-5% of the rock. Silicified.	Grab			SMa
03112	Rusty Basalt Rusty weathered surface. Pale gray fine grained fresh surface. Pyrrhotite blebs up to 3 mm in diameter and 8% of the rock. Locally up to 5% pyrrhotite. Silicified.	Grab			SMa

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 F/15

PROPERTY AZ Property

DATE June 19, 1991

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS							SAMPLED BY
3113	Rusty Basalt Rusty weathered surface. Gray fresh surface. Medium grained. Silicified. Pyrrhotite blebs up to 8mm in diameter and 3% of the rock	Grab									SMA
3114	Rusty Andesite Rusty weathered surface. Medium grey fresh surface. Minor pyrrhotite with blebs up to 1cm in diameter.	Grab									SMA
3115	Rusty Basalt Very rusty weathered surface. Pyrrhotite blebs up to 3mm in diameter and 3% of the rock Pyrrhotite locally up to 7%. Silicified.	Grab									SMA
3116	Rusty Andesite Gray-brown weathered surface. Medium gray fresh surface. Very fine grained pyrite (?) up to 2% of the rock. 20% of outcrop is oxidized.	Grab									SMA

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115F/15

PROPERTY AZ Property

DATE June 19, 1991

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS	SAMPLED BY
63117	Rusty Andesite Dark red yellow, pale green weathered surface. Gray fresh surface. Trace fine grained pyrite on fresh surface. Cause of all the oxidation not obvious	Grab			SMa
63118	Rusty Andesite Very rusty weathering outcrop. Gray fresh surface. Trace fine grained pyrite on the fresh surface. Cause of all the oxidation not obvious.	Grab			SMa
63119	Magnetite Skarn Fine grained black rock composed of 65% magnetite, 15% epidote, 10% garnet, 7% calcite and 3% sulphide minerals. Sulphide minerals include chalcopyrite (2%), galena (0.5%) and sphalerite (0.5%). Sample from boulder float.	Grab			SMa

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 F / 15

PROPERTY AZ Property

DATE July 27, 1991

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS	SAMPLED BY
63201	Magnetic Andesite - Gray-green fresh and weathered surface. Fine grained black magnetite (up to 50%). Trace epidote and fine grained pyrrhotite.	Boulder Grab			Sma
63202	Orange Chert - Orange weathering chert. Broken, small pieces. Fine grained and siliceous.	Boulder Grab			Sma
63203	Skarn Boulder - Red-brown weathered surface. Brown and green fresh surface. Trace epidote and locally calcareous. Small garnets up to 2mm in diameter are present in trace amounts. Non-magnetic.	Boulder Grab			Sma
63204	Skarn Boulder - Mottled tan, green and red weathered surface. Pyrrhotite blebs up to 1mm in diameter and 0.5% of rock. Locally calcareous and magnetic.	Boulder Grab			Sma
63205	Silicified Basalt - Rusty weathered surface. Green-gray fresh surface. Locally vesicular. No visible sulphides. Muscovite on fractures.	Boulder Grab			Sma

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115F/15

PROPERTY AZ Property

DATE August 12, 1991

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS	SAMPLED BY
63247	Skarn (Main Showing Trench) - Skarn composed of garnets (brown, up to 1 cm in diameter, 5%), tremolite (green, patches up to 6mm in diameter, 15%), calcite (white, patches up to 2 mm in diameter, 15%), and magnetite (patches up to 5mm in diameter, 10%). Chalcopyrite in small patches up to 4 mm in diameter, 1% (found locally). Other material very fine grained.	Chip	1.73 m		KH (SMA)
63248	Skarn (Main Showing Trench) - Description as above.	Chip	2.44 m		JPD (SMA)
63249	Skarn (Main Showing Trench) - Description as above.	Chip	1.91 m		SMA
63250	Skarn (Main Showing Trench) - Description as above.	Chip	2.29 m		MM (SMA)
63276	Silicified Basalt - Rusty weathered surface. Gray green fresh surface. Pyrrhotite blebs up to 3 mm in diameter and 10% of rock.	Boulder Grab			SMA

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 F / 15

PROPERTY AZ Property

DATE August 14, 1991

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS	SAMPLED BY
63277	Rusty Andesite - Rusty weathered surface and gray-green fresh surface. Massive and not magnetic.	Grab Boulder			SMA
63278	Rusty Basalt - Rusty weathered surface and gray fresh surface. Pyrrhotite blebs up to 3mm in diameter and 10% of rock.	Grab Boulder			SMA
63279	Rusty Basalt - Rusty weathered surface and gray green fresh surface. Muscovite on fractures. Magnetic and hornfelsed (purple color). Fine grained pyrrhotite.	Grab Boulder			SMA
163280	Andesite - Gray-green weathered and fresh surface. Pyrite patches up to 6mm in diameter, 2% of rock. Rusty fractured surface.	Grab Boulder			SMA
163281	Silicified Andesite - Rusty weathered surface. Gray fresh surface. Hornfelsed. Pyrrhotite up to 0mm in diameter, 10% of rock. Fine grained magnetite? Very magnetic rock.	Chip	0.0m		SMA
100E inch					

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 E/15

PROPERTY Az Property

DATE August 15, 1991

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS	SAMPLED BY
63282	Silicified Andesite	Chip	2.0m		SMA
	From 19+00E Trench. Description				
	same as R163281				
63283	Silicified Andesite	Chip	2.0m		SMA
	From 19+00E Trench. Description				
	Same as R163281.				
63284	Silicified Andesite	Chip	2.0m		SMA
	From 19+00E Trench. Description				
	same as R163281				
63285	Silicified Andesite	Chip	2.0m		SMA
	From 19+00E Trench. Description				
	same as R163281				
63286	Limestone - Rusty brown weathered	Grab			SMA
	surface. Medium gray fresh surface.				
	Locally graphitic. Fine grained. Looks				
	like a basalt but its calcareous.				
	From 19+00E Trench				

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115F/15

PROPERTY AZ Property

DATE August 15, 1991

SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	TYPE	WIDTH	ASSAYS	SAMPLED BY
e3287	Silicified Andesite - Rusty weathered surface. Gray fresh surface. Fine grained, disseminated pyrrhotite up to 3% of the rock.	Grab			SWa
e3288	Diorite - Probably a dike. Mottled green and brown weathered surface. Feldspar phenocrysts up to 2mm in diameter, 30% of rock. Hornblende up to 5mm in diameter, 15% of rock. Trace pyrrhotite.	Grab			SWa
e3289	Silicified Andesite - Red almost purple weathered surface. Gray fresh surface. Pyrrhotite up to 2mm in diameter. 2% of the rock.	Grab			SWa
e3290	Chert Breccia - Gray white fresh surface. Chert fragments up to 3cm diameter, 35% of rock. Matrix supported. Rusty brown weathered surface. Trench Line 8 to 9E	Grab			SWa

APPENDIX II

SOIL SAMPLE RESULTS

NORANDA VANCOUVER LABORATORY
Geochemical Analysis

Project Name & No.: AZ – 351 | Geol.: S.A. | Date received: AUG. 22 | LAB CODE: 9108–095
Material: 388 SOILS | Sheet 1 of 9 | Date completed: SEP. 16
Remarks: * Sample screened @ –35 MESH (0.5 mm)
¤ Organic, Δ Humus, S Sulfide

Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)
ICP – 0.2 g sample digested with 3 ml $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 11 ml with water. Leeman PS3000 ICP determined elemental contents.
N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
2	1700E–1000S	5	0.2	1.34	2	60	0.3	5	0.31	0.2	23	7	28	27	2.22	0.11	8	7	0.34	148	1	0.25	12	0.03	2	23	0.16	60	42
3	1050	5	0.2	3.56	7	207	0.7	5	0.49	0.2	35	22	49	43	4.44	0.17	13	17	0.76	487	1	0.11	37	0.05	6	40	0.30	129	78
4	1100	5	0.2	2.09	8	117	0.5	5	0.63	0.2	32	12	31	35	3.11	0.14	10	12	0.63	433	1	0.21	22	0.05	2	36	0.22	90	53
5	1150	5	0.2	2.26	8	93	0.5	5	0.42	0.2	30	11	37	36	3.26	0.17	12	13	0.64	302	1	0.25	22	0.05	3	29	0.23	95	56
6	1700E–1200S	5	0.2	3.05	9	171	0.6	5	0.90	0.2	42	20	39	57	4.04	0.17	16	21	0.96	451	1	0.11	33	0.07	5	45	0.27	131	75
7	1700E–1250S	5	0.2	0.93	3	50	0.2	5	0.33	0.2	21	5	28	19	1.93	0.12	7	5	0.26	156	1	0.19	9	0.04	2	21	0.17	64	45
8	1300	5	0.2	2.47	10	169	0.6	5	1.70	0.4	48	17	35	53	3.25	0.20	16	16	0.79	548	1	0.12	31	0.08	3	55	0.23	105	75
9	1350	5	0.2	2.38	11	160	0.6	7	1.66	0.4	48	17	35	52	3.27	0.19	15	16	0.82	487	1	0.11	31	0.07	2	54	0.24	107	65
10	1400	5	0.2	2.64	10	189	0.6	5	1.79	0.3	49	18	34	64	3.47	0.23	16	18	0.88	566	2	0.11	34	0.09	3	56	0.24	112	81
11	1700E–1450S	5	0.2	2.56	3	172	0.5	5	1.49	0.3	39	16	41	53	3.32	0.20	14	15	0.84	518	2	0.13	29	0.07	2	58	0.23	107	74
12	1700E–1500S	5	0.2	2.71	6	171	0.5	5	1.60	0.3	39	17	48	55	3.59	0.23	14	16	0.94	467	1	0.14	31	0.08	2	62	0.26	118	75
13	1550	5	0.2	2.79	7	189	0.6	5	1.66	0.5	41	20	39	63	3.59	0.23	14	17	0.94	618	2	0.14	33	0.08	4	62	0.24	115	75
14	1600	5	0.2	2.55	6	180	0.5	5	1.75	0.5	40	19	33	62	3.25	0.21	14	15	0.84	600	1	0.12	31	0.08	3	62	0.21	106	76
15	1650	5	0.2	2.89	8	189	0.6	5	1.57	0.4	42	21	39	58	3.71	0.24	14	17	0.96	668	1	0.19	33	0.07	4	62	0.26	120	87
16	1700E–1700S	5	0.2	2.95	6	201	0.6	5	1.67	0.4	45	22	37	75	3.69	0.25	15	18	0.96	700	2	0.14	38	0.09	4	63	0.25	118	86
17	1700E–1750S	5	0.2	2.92	10	197	0.6	5	1.66	0.7	45	22	37	76	3.72	0.26	16	18	0.95	710	2	0.14	36	0.09	4	64	0.25	119	89
18	1800	5	0.2	2.62	8	177	0.6	6	1.65	0.4	44	19	36	68	3.47	0.24	15	15	0.85	621	1	0.14	33	0.07	5	62	0.24	109	77
19	1850	5	0.2	2.38	9	162	0.6	5	1.76	0.3	43	17	35	59	3.15	0.23	13	14	0.79	597	1	0.12	28	0.07	4	64	0.23	98	78
20	1900	5	0.2	2.62	9	172	0.6	5	1.82	0.4	45	18	39	65	3.46	0.24	16	15	0.84	703	2	0.14	32	0.08	5	71	0.25	107	81
21	1700E–1950S	5	0.2	2.19	3	203	0.6	5	1.96	0.5	47	20	34	84	2.36	0.20	15	13	0.64	2638	2	0.10	36	0.10	2	69	0.17	77	80
22	1700E–2000S *¤	5	0.2	1.21	2	87	0.4	6	1.06	0.2	37	6	21	89	0.99	0.10	11	7	0.35	125	1	0.05	21	0.08	2	37	0.08	47	38
23	1800E–1050S	20	0.2	1.13	2	71	0.3	5	0.41	0.2	23	6	17	17	1.81	0.10	8	7	0.33	195	1	0.34	7	0.05	2	29	0.12	45	40
24	1100	5	0.2	1.68	2	75	0.4	5	0.42	0.2	27	11	26	30	2.77	0.13	10	12	0.53	221	1	0.31	16	0.03	2	29	0.20	80	44
25	1150	5	0.2	3.22	7	248	0.7	5	0.75	0.2	43	24	38	58	4.38	0.24	16	20	1.06	521	1	0.12	33	0.08	5	45	0.32	152	88
26	1800E–1200S	5	0.2	3.22	6	220	0.7	5	1.62	0.3	50	23	34	68	4.12	0.25	17	20	1.09	586	2	0.12	36	0.08	5	62	0.28	134	83
27	1800E–1250S	5	0.2	3.13	6	214	0.6	5	1.65	0.3	50	21	34	65	4.00	0.24	17	18	1.04	569	1	0.14	36	0.08	4	64	0.28	133	81
28	1300	5	0.2	3.00	7	223	0.6	5	1.83	0.6	48	20	31	70	3.77	0.22	17	19	0.97	514	2	0.11	35	0.09	4	62	0.26	121	83
29	1350	5	0.2	3.02	5	204	0.6	5	1.62	0.5	47	21	37	67	3.92	0.22	16	18	1.01	575	2	0.14	36	0.08	5	64	0.28	129	82
30	1400	5	0.2	3.10	5	221	0.6	6	1.62	0.4	49	23	36	69	3.94	0.23	17	20	1.03	590	1	0.14	36	0.08	6	64	0.27	129	83
31	1800E–1450S	5	0.2	2.56	4	185	0.5	5	1.66	0.2	40	16	33	63	3.33	0.19	14	15	0.80	475	1	0.11	28	0.09	2	63	0.21	106	67
32	1800E–1500S	5	0.2	2.95	4	198	0.5	5	1.46	0.2	38	19	39	54	3.86	0.23	13	18	0.94	607	1	0.15	31	0.07	2	66	0.26	123	68
33	1550	5	0.2	2.61	5	202	0.5	5	1.72	0.2	43	17	32	64	3.29	0.20	15	16	0.75	575	1	0.12	29	0.09	2	66	0.20	100	75
34	1600	5	0.2	2.98	2	182	0.5	5	1.70	0.2	45	18	45	53	3.78	0.26	15	15	0.95	611	1	0.18	30	0.07	2	87	0.29	120	68
35	1650	5	0.2	2.60	2	189	0.5	5	1.51	0.2	41	18	33	53	3.34	0.22	14	15	0.78	677	1	0.13	28	0.08	2	61	0.22	103	64
36	1800E–1700S	5	0.2	2.58	2	177	0.5	5	1.71	0.2	41	16	38	70	3.36	0.22	13	14	0.76	590	1	0.15	27	0.07	2	67	0.25	107	71

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
37	1800E-1750S	5	0.2	2.38	2	152	0.5	5	1.83	0.4	41	15	35	68	3.13	0.22	13	14	0.72	551	1	0.13	27	0.08	2	64	0.23	96	76
38	1800 *	5	0.2	2.13	5	152	0.5	5	2.24	0.3	40	13	29	73	2.82	0.20	13	13	0.65	514	1	0.11	26	0.08	2	66	0.19	85	79
39	1850	5	0.2	2.41	7	174	0.6	5	1.89	0.2	46	16	35	69	3.97	0.21	16	14	0.72	817	1	0.12	28	0.09	2	64	0.22	104	71
40	1900	5	0.2	2.63	2	164	0.5	5	1.61	0.2	44	11	40	59	2.46	0.22	14	15	0.80	244	1	0.14	28	0.07	3	66	0.27	85	58
41	1800E-1950S *RE	15	0.2	2.02	14	253	0.7	5	1.62	0.5	51	43	30	69	4.42	0.18	16	13	0.61	3362	5	0.08	34	0.10	3	60	0.14	93	75
42	1800E-2000S	5	0.2	3.24	7	216	0.6	5	1.64	0.3	44	22	45	98	3.75	0.24	17	22	1.91	527	1	0.13	47	0.07	5	75	0.25	134	88
43	1900E-150S	10	0.2	2.18	7	153	0.5	5	1.27	0.5	40	16	39	44	3.16	0.22	14	13	0.90	708	2	0.12	27	0.09	4	46	0.20	95	94
44	200	30	0.2	2.39	7	130	0.4	5	0.98	0.2	33	19	44	59	4.05	0.30	11	15	1.53	816	1	0.14	28	0.10	3	40	0.26	134	71
45	250	10	0.2	4.11	5	146	0.7	5	0.94	0.2	41	25	40	54	5.17	0.33	14	23	2.09	739	2	0.12	41	0.08	5	37	0.32	172	76
46	1900E-300S	5	0.2	3.14	7	136	0.6	5	0.74	0.2	38	22	39	45	5.23	0.25	15	20	1.86	707	1	0.09	33	0.11	4	34	0.32	174	86
47	1900E-350S	5	0.2	2.15	2	124	0.4	5	0.66	0.2	30	14	37	40	3.45	0.23	10	12	1.02	500	1	0.18	22	0.12	3	38	0.24	108	61
48	400	5	0.2	3.10	7	158	0.5	5	1.03	0.2	37	24	43	96	4.34	0.28	12	23	1.89	643	1	0.15	39	0.10	5	45	0.24	135	73
49	450	10	0.2	3.83	3	189	0.5	5	1.79	0.5	38	32	38	62	5.22	0.53	11	29	2.81	840	2	0.22	66	0.07	2	55	0.32	159	94
51	500	5	0.2	2.83	2	128	0.4	5	1.14	0.2	29	28	56	58	4.58	0.57	9	23	2.00	775	1	0.17	51	0.07	2	50	0.31	139	91
52	1900E-550S	5	0.2	3.41	2	167	0.5	5	1.09	0.2	32	28	45	59	4.76	0.78	11	25	2.29	761	1	0.22	56	0.08	2	52	0.30	135	89
53	1900E-600S	5	0.2	3.06	5	168	0.5	5	1.59	0.4	35	26	49	90	4.37	0.47	11	24	1.93	686	1	0.17	58	0.08	2	46	0.28	123	93
54	650	5	0.2	3.79	12	149	0.6	5	2.15	0.8	39	32	46	109	5.43	0.52	14	28	2.33	1009	2	0.15	86	0.07	5	67	0.33	144	143
55	700	5	0.2	2.43	8	166	0.5	5	2.64	0.6	39	20	38	93	3.45	0.27	12	18	1.25	643	2	0.11	56	0.09	5	62	0.21	95	107
56	750	5	0.2	2.91	7	236	0.5	5	2.12	0.5	42	23	41	76	4.20	0.32	14	22	1.51	703	3	0.14	55	0.09	5	59	0.27	120	105
57	1900E-800S	5	0.2	3.03	7	210	0.5	5	2.19	0.7	41	23	42	78	4.19	0.35	13	23	1.59	689	3	0.15	59	0.08	4	61	0.27	120	102
58	1900E-850S	5	0.4	2.48	8	170	0.5	5	1.54	0.3	41	18	42	68	3.44	0.21	13	16	0.97	550	3	0.14	42	0.10	5	48	0.23	99	78
59	900	5	0.2	1.91	10	175	0.5	6	2.41	0.7	40	16	33	53	2.63	0.21	11	13	0.77	511	2	0.09	30	0.09	3	56	0.18	81	77
60	1900E-1000S	5	0.2	2.11	8	167	0.5	5	1.76	0.4	[illegible]	15	37	54	3.06	0.23	12	14	0.68	541	2	0.13	29	0.09	3	53	0.22	96	66
61	2000E-50S	5	0.2	2.28	6	136	0.5	5	0.76	0.2	31	16	48	44	3.62	0.21	13	15	1.25	438	1	0.12	27	0.08	2	44	0.21	115	82
62	1900E-1050S	5	0.2	2.41	8	140	0.5	5	0.73	0.2	35	16	44	50	3.52	0.18	14	16	0.80	387	1	0.11	31	0.08	2	38	0.23	107	76
63	1900E-1100S	5	0.4	2.06	3	215	0.5	5	0.99	0.2	36	15	42	55	3.25	0.17	12	12	0.67	355	1	0.12	32	0.07	3	44	0.23	102	63
64	1150	5	0.4	0.82	2	59	0.2	5	0.39	0.2	19	7	19	17	2.11	0.13	6	6	0.36	207	1	0.45	9	0.02	2	23	0.16	56	44
65	1200	5	0.2	2.82	8	204	0.6	5	1.34	0.2	44	21	38	59	3.84	0.21	16	18	0.94	652	1	0.15	38	0.09	5	55	0.27	118	75
66	1250	5	0.2	2.88	7	197	0.6	5	2.06	0.5	49	20	38	64	3.86	0.23	17	19	0.95	623	1	0.15	38	0.08	6	65	0.27	117	81
67	1900E-1300S	5	0.2	2.81	7	183	0.6	5	1.64	0.2	46	20	40	59	3.90	0.22	16	19	0.93	569	1	0.15	36	0.08	6	59	0.28	122	78
68	1900E-1350S	5	0.2	2.89	7	208	0.6	6	1.87	0.3	51	18	37	63	3.69	0.20	17	19	0.88	542	1	0.14	36	0.09	7	62	0.25	110	75
69	1400	5	0.2	2.43	9	170	0.5	5	1.79	0.2	46	17	37	53	3.32	0.21	15	16	0.79	512	1	0.14	31	0.07	6	61	0.24	104	74
70	1450	5	0.2	2.65	9	188	0.6	5	1.97	0.4	48	19	36	57	3.50	0.22	16	18	0.84	532	2	0.13	34	0.09	6	62	0.24	108	80
71	1500	5	0.2	2.39	8	172	0.5	5	1.84	0.4	40	16	38	54	3.08	0.21	12	16	0.76	515	1	0.12	31	0.08	2	61	0.20	95	77
72	1900E-1550S	5	0.2	2.49	6	172	0.5	5	1.75	0.2	42	18	37	54	3.24	0.22	14	16	0.80	538	1	0.13	30	0.07	2	64	0.22	101	70
73	1900E-1600S	5	0.2	2.70	9	184	0.6	5	1.86	0.2	44	18	38	59	3.46	0.24	15	17	0.84	595	2	0.14	34	0.09	3	66	0.24	107	75
74	1650	5	0.2	2.54	6	177	0.6	5	2.10	0.3	43	16	38	55	3.24	0.23	14	16	0.83	542	1	0.15	32	0.08	2	76	0.24	103	80
75	1700	5	0.2	2.64	8	171	0.5	5	1.83	0.3	44	18	37	57	3.55	0.23	14	17	1.00	561	1	0.15	35	0.08	2	72	0.25	113	74
76	1750	5	0.2	2.45	7	169	0.5	5	1.84	0.3	44	17	36	38	3.08	0.23	14	16	0.89	521	1	0.14	29	0.06	3	75	0.24	97	72
77	1900E-1800S	5	0.2	2.54	9	159	0.6	5	1.82	0.3	45	17	35	54	3.45	0.27	14	16	1.02	569	1	0.15	33	0.08	2	67	0.25	104	70
78	1900E-1850S *	5	0.2	1.96	6	143	0.5	5	2.19	0.4	42	13	32	47	2.57	0.21	12	13	0.76	431	1	0.13	26	0.08	3	68	0.19	77	68
79	1900	5	0.2	2.48	7	131	0.5	5	1.71	0.4	42	17	40	56	3.42	0.25	14	16	1.44	512	1	0.14	34	0.07	3	62	0.26	119	66
80	1950 *RE	5	0.2	1.42	32	163	0.5	5	2.24	0.2	41	20	27	39	6.72	0.14	12	9	0.63	1300	3	0.08	22	0.09	2	71	0.13	102	59
81	1900E-2000S	5	0.2	2.44	11	162	0.6	5	2.07	0.2	45	19	39	71	3.47	0.24	15	18	1.18	1079	1	0.13	37	0.09	4	69	0.21	107	77
82	2000E-100S	5	0.4	3.51	5	180	0.7	5	1.06	0.2	37	25	51	72	4.92	0.33	14	23	1.75	855	1	0.14	41	0.11	5	54	0.28	151	101

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
83	2000E-150S	5	0.2	3.33	5	135	0.5	5	1.05	0.2	35	22	40	55	4.75	0.33	12	22	1.94	723	1	0.15	38	0.08	4	40	0.29	154	78
84	200	5	0.2	3.94	6	151	0.6	5	1.22	0.2	38	27	36	93	5.37	0.39	13	29	2.54	802	1	0.16	45	0.07	4	43	0.31	170	79
85	250	5	0.2	3.11	8	134	0.5	5	1.11	0.2	35	26	28	64	5.17	0.32	12	27	2.38	733	1	0.14	34	0.11	5	38	0.31	174	91
86	300	5	0.2	2.98	6	177	0.4	5	1.47	0.3	36	28	27	50	5.01	0.34	11	21	2.94	779	1	0.15	39	0.10	3	41	0.28	168	100
87	2000E-350S	5	0.4	4.71	2	188	0.6	5	1.35	0.2	36	40	24	115	6.42	0.56	13	38	4.24	922	1	0.14	63	0.09	3	40	0.33	195	103
88	2000E-400S	5	0.4	2.51	6	104	0.4	5	0.84	0.2	30	19	35	40	4.08	0.21	10	16	1.92	482	1	0.18	34	0.08	3	31	0.24	134	70
89	450	5	0.2	3.59	8	141	0.5	5	1.15	0.2	37	29	25	88	5.61	0.51	13	29	3.36	641	1	0.12	46	0.07	2	36	0.30	186	82
90	500	5	0.2	3.21	9	147	0.5	5	1.21	0.3	38	26	33	70	5.00	0.38	13	24	2.50	702	1	0.13	40	0.08	2	44	0.30	169	77
91	550	5	0.2	2.96	6	142	0.4	5	1.15	0.2	31	24	38	57	4.71	0.38	11	22	2.51	694	1	0.12	36	0.08	2	44	0.27	165	78
92	2000E-600S	5	0.2	3.80	2	207	0.5	5	1.21	0.2	30	29	38	76	5.31	0.50	11	28	2.99	751	1	0.14	45	0.10	2	53	0.28	179	92
93	2000E-650S	10	0.2	3.88	6	193	0.5	5	1.62	0.2	38	27	33	79	5.39	0.47	13	27	3.04	760	1	0.15	53	0.09	4	61	0.30	177	84
94	700	5	0.2	2.76	6	185	0.4	5	1.99	0.2	34	20	29	60	3.78	0.33	10	19	2.02	597	1	0.12	38	0.09	2	63	0.22	127	80
95	750	5	0.4	2.72	10	164	0.4	5	2.27	0.2	36	20	29	55	3.68	0.27	11	19	1.83	643	1	0.11	39	0.11	3	55	0.22	119	87
96	800	5	0.4	3.14	7	191	0.5	5	1.51	0.2	39	23	37	68	4.38	0.40	14	21	1.79	674	1	0.18	48	0.08	3	56	0.28	130	86
97	2000E-850S	5	0.2	1.25	6	121	0.3	5	2.10	1.0	33	11	26	32	1.78	0.23	8	8	0.66	468	1	0.08	23	0.09	2	52	0.13	56	87
98	2000E-900S	5	0.2	3.14	9	186	0.5	5	1.90	0.4	40	24	39	76	4.57	0.43	15	22	1.85	800	2	0.16	60	0.08	6	66	0.30	128	105
99	950	5	0.2	1.56	5	150	0.4	5	1.12	0.2	34	11	24	34	2.25	0.18	10	9	0.47	589	1	0.22	19	0.07	4	43	0.16	62	58
101	1000	5	0.2	3.67	10	223	0.8	5	1.11	0.2	51	21	44	54	4.38	0.30	18	18	1.14	686	1	0.14	39	0.07	5	66	0.30	130	83
102	1050	5	0.2	2.45	6	217	0.5	5	1.44	0.3	42	18	34	41	3.50	0.19	14	15	0.95	740	1	0.11	25	0.09	3	65	0.26	112	77
103	2000E-1100S *¤	5	0.2	0.78	4	260	0.3	6	2.05	0.2	35	6	14	21	1.03	0.11	7	4	0.24	789	1	0.05	10	0.08	2	75	0.07	30	87
104	2000E-1150S	5	0.2	2.53	7	143	0.5	5	0.80	0.2	36	15	45	52	3.78	0.19	13	15	0.91	375	1	0.19	29	0.06	4	41	0.28	118	61
105	1200 *¤	5	0.2	0.88	5	98	0.3	7	2.68	0.5	38	11	20	32	1.36	0.10	8	6	0.36	331	1	0.04	13	0.09	2	52	0.07	41	78
106	1250 *¤	5	0.2	0.93	7	87	0.3	8	3.15	0.6	40	9	20	38	1.32	0.09	8	7	0.39	265	1	0.05	15	0.07	2	58	0.08	43	85
107	1300	5	0.2	2.14	9	132	0.5	7	2.48	0.5	48	16	38	56	2.99	0.19	13	14	0.92	493	1	0.11	29	0.09	4	72	0.20	92	70
108	2000E-1350S	5	0.2	3.03	11	163	0.5	7	2.41	0.7	45	26	42	91	4.61	0.29	15	23	2.29	709	1	0.12	52	0.10	4	76	0.27	146	101
109	2000E-1400S	5	0.2	2.33	12	89	0.4	10	2.13	0.5	42	20	35	63	3.76	0.15	12	22	1.76	455	2	0.12	37	0.07	4	65	0.23	121	82
110	1450	5	0.2	1.75	11	110	0.4	7	2.89	0.6	43	13	31	51	2.49	0.17	11	14	1.01	344	2	0.12	24	0.08	3	88	0.17	84	76
111	1500	5	0.2	2.42	7	125	0.4	5	2.28	0.2	37	18	38	69	3.68	0.25	12	19	1.57	455	1	0.14	36	0.08	2	79	0.24	119	72
112	1550	5	0.2	2.86	9	132	0.5	5	2.07	0.2	37	23	41	66	4.61	0.28	15	22	1.96	622	1	0.15	42	0.07	3	75	0.28	147	83
113	2000E-1600S	5	0.2	2.45	11	139	0.5	5	2.47	0.2	37	19	35	72	3.74	0.25	13	19	1.51	605	1	0.15	37	0.08	2	82	0.24	121	82
114	2000E-1650S *¤	5	0.2	1.70	6	114	0.4	5	3.06	0.3	36	15	27	62	2.69	0.17	10	15	1.20	529	2	0.10	28	0.08	2	92	0.16	91	90
115	1700	5	0.2	2.71	8	127	0.6	5	2.18	0.2	43	19	41	55	4.07	0.27	15	17	1.35	575	1	0.16	34	0.07	3	86	0.30	126	77
116	1750	5	0.2	2.75	10	134	0.5	5	2.48	0.2	41	20	38	78	4.11	0.27	15	21	1.61	643	1	0.16	41	0.08	4	91	0.27	128	87
117	1800	5	0.2	2.88	12	140	0.5	5	2.15	0.2	41	21	36	70	4.30	0.27	15	21	1.74	568	1	0.15	39	0.07	4	77	0.29	133	81
118	2000E-1850S	5	0.2	0.59	7	81	0.3	5	3.25	0.6	31	7	14	24	0.83	0.10	6	4	0.34	454	1	0.04	11	0.10	2	67	0.06	29	89
119	2000E-1900S *¤	5	0.2	2.45	10	136	0.5	5	1.86	0.2	42	18	39	50	3.71	0.21	14	16	1.25	521	2	0.16	33	0.07	2	68	0.28	116	76
120	2100E-50S	5	0.2	4.43	7	106	0.5	5	1.25	0.3	34	34	24	57	6.16	0.56	12	49	4.21	914	1	0.16	52	0.08	2	33	0.35	214	87
121	100	5	0.2	3.81	6	131	0.5	5	1.41	0.2	36	30	42	117	5.67	0.60	13	47	3.21	876	1	0.14	51	0.07	2	43	0.34	204	80
122	150	5	0.2	4.11	2	142	0.4	5	1.71	0.2	33	34	28	79	5.77	0.64	10	46	3.74	1155	1	0.20	56	0.07	2	41	0.28	176	92
123	2100E-200S	5	0.4	2.26	5	143	0.4	5	1.08	0.2	30	18	37	38	3.77	0.29	10	18	1.46	696	1	0.21	27	0.12	4	46	0.23	117	71
124	2100E-250S	5	0.2	4.22	2	116	0.4	5	1.32	0.2	31	34	24	50	6.24	0.54	10	39	4.13	988	1	0.20	47	0.09	2	29	0.30	206	97
125	300	5	0.2	3.99	3	158	0.5	5	1.21	0.2	32	32	26	62	5.98	0.48	11	33	3.78	924	1	0.16	47	0.10	2	37	0.31	194	104
126	350	5	0.2	2.15	4	224	0.4	6	1.36	0.3	38	18	27	75	3.00	0.25	12	14	1.53	670	1	0.09	29	0.13	2	62	0.17	97	91
127	400	5	0.2	3.35	5	151	0.4	5	0.80	0.2	27	31	50	45	5.43	0.47	10	27	3.79	675	1	0.10	58	0.07	2	32	0.30	181	77
128	2100E-450S	5	0.2	2.92	8	168	0.4	5	0.90	0.2	31	22	40	51	4.35	0.33	11	23	2.55	510	1	0.14	45	0.10	4	42	0.26	144	75

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
129	2100E-500S	5	0.2	1.43	2	78	0.3	5	0.49	0.2	22	9	28	22	2.46	0.18	8	10	0.75	242	1	0.33	14	0.06	2	28	0.18	74	46
130	550	5	0.2	3.49	6	164	0.5	5	0.94	0.2	36	28	38	71	4.85	0.50	13	26	2.64	684	1	0.11	48	0.09	3	43	0.28	153	78
131	600	5	0.2	2.07	3	126	0.4	5	0.65	0.2	22	13	42	37	3.29	0.24	9	14	1.04	384	1	0.21	23	0.07	2	39	0.22	101	61
132	650	30	0.2	2.00	4	123	0.4	5	2.30	0.4	36	14	27	70	2.44	0.24	10	14	1.21	694	1	0.07	30	0.11	2	52	0.13	80	88
133	2100E-700S	5	0.2	2.49	2	184	0.4	5	2.13	0.4	39	17	27	88	3.22	0.30	14	17	1.43	627	1	0.08	39	0.11	3	57	0.17	92	94
134	2100E-750S	5	0.2	2.96	8	190	0.5	5	1.69	0.2	35	21	36	79	4.12	0.30	14	18	1.50	667	2	0.12	50	0.08	4	63	0.25	116	96
135	800	5	0.2	0.92	9	105	0.3	5	3.77	0.4	27	7	20	35	1.25	0.12	6	6	0.34	260	1	0.05	16	0.09	2	63	0.08	36	62
136	850	5	0.2	1.84	7	96	0.4	5	1.92	0.2	33	12	32	42	2.52	0.16	10	12	0.86	372	1	0.10	28	0.09	3	44	0.17	78	80
137	900	5	0.2	2.45	7	154	0.5	5	2.09	0.2	39	17	32	60	3.40	0.23	14	17	1.16	502	1	0.13	40	0.08	5	60	0.24	102	80
138	2100E-950S	5	0.2	2.24	6	146	0.5	5	0.46	0.2	29	14	35	44	3.44	0.18	12	12	0.73	391	1	0.21	26	0.06	4	29	0.25	97	67
139	2100E-1000S	5	0.2	1.61	4	88	0.4	5	0.48	0.2	28	10	25	40	2.61	0.13	10	9	0.53	246	1	0.24	18	0.05	3	25	0.18	70	66
140	1050	5	0.2	2.62	11	144	0.5	7	1.88	0.4	44	18	46	52	3.87	0.25	17	18	1.32	554	2	0.15	34	0.07	5	70	0.29	125	76
141	1100	5	0.2	1.04	4	53	0.3	5	0.54	0.2	21	7	21	34	2.07	0.18	8	8	0.38	184	1	0.28	13	0.07	2	23	0.13	63	42
142	1150	5	0.2	3.08	6	233	0.6	5	2.13	0.2	44	22	35	75	4.13	0.27	16	20	1.42	635	1	0.14	41	0.10	4	66	0.28	134	78
143	2100E-1200S	5	0.2	3.18	5	205	0.6	5	1.19	0.2	40	21	37	84	4.44	0.20	15	16	1.21	482	1	0.13	43	0.08	4	44	0.28	132	70
144	2100E-1250S	5	0.2	3.33	6	266	0.7	5	2.34	0.5	47	23	27	84	4.29	0.27	17	22	1.41	586	1	0.12	39	0.10	6	68	0.26	140	100
145	1300	5	0.2	3.07	8	234	0.6	5	2.40	0.3	42	21	31	72	4.09	0.30	15	20	1.44	577	1	0.13	43	0.10	4	72	0.28	131	85
146	1350	5	0.2	1.59	4	91	0.3	5	0.83	0.2	29	10	34	40	2.73	0.15	10	9	0.54	184	1	0.12	21	0.06	2	38	0.22	94	55
147	1400	5	0.2	2.58	7	155	0.5	7	1.28	0.2	40	18	39	49	3.69	0.17	14	17	1.06	437	1	0.13	33	0.08	6	47	0.27	122	74
148	2100E-1450S *R	5	0.2	1.11	6	165	0.3	5	1.88	0.3	36	10	21	27	1.69	0.18	8	8	0.50	699	1	0.04	17	0.07	2	51	0.09	52	92
152	2100E-1500S	5	0.2	1.13	2	77	0.3	5	0.37	0.2	17	6	32	24	2.28	0.18	7	6	0.30	163	1	0.20	11	0.03	2	24	0.19	75	49
153	1550	5	0.2	2.92	2	204	0.6	5	1.58	0.2	40	18	31	60	3.66	0.21	14	18	0.99	473	1	0.10	29	0.07	2	54	0.24	119	72
154	1600	5	0.2	2.73	2	200	0.6	5	1.72	0.3	43	16	36	54	3.43	0.21	15	15	0.82	491	1	0.12	27	0.07	2	66	0.24	116	69
155	1650	5	0.2	2.51	4	151	0.5	5	1.70	0.3	39	15	40	42	3.27	0.20	15	14	0.81	437	1	0.14	24	0.06	2	72	0.25	112	75
156	2100E-1700S	5	0.2	2.51	4	146	0.5	5	1.71	0.4	39	15	36	42	3.18	0.20	15	13	0.84	450	1	0.15	25	0.06	2	74	0.24	107	63
157	2100E-1750S	5	0.2	2.51	6	160	0.5	5	1.70	0.3	38	15	39	47	3.20	0.21	14	14	0.85	473	1	0.13	26	0.07	2	69	0.23	107	71
158	1800	5	0.2	2.59	4	161	0.5	5	1.87	0.4	40	17	46	50	3.58	0.23	15	16	1.05	513	1	0.14	28	0.07	2	69	0.24	121	77
159	1850	5	0.2	2.56	2	157	0.5	5	1.74	0.3	39	16	43	47	3.41	0.23	14	16	1.01	481	1	0.14	27	0.06	2	69	0.23	112	68
160	1900	5	0.2	2.89	8	129	0.5	5	1.86	0.3	37	23	51	73	4.43	0.26	13	23	1.85	609	1	0.11	40	0.07	2	64	0.24	143	77
161	2100E-1950S	5	0.2	2.28	4	148	0.4	5	2.04	0.5	36	17	34	63	3.28	0.21	13	16	1.13	622	1	0.11	31	0.07	2	70	0.21	107	68
162	2100E-2000S	5	0.2	2.56	4	167	0.5	5	1.50	0.4	38	15	36	45	3.22	0.21	15	14	0.77	455	1	0.13	26	0.06	2	66	0.25	109	64
163	2200E-100S	5	0.2	2.15	2	336	0.5	5	1.03	0.5	33	15	34	42	3.08	0.23	11	12	0.72	851	1	0.11	25	0.10	2	71	0.22	93	64
164	150	5	0.2	2.19	2	130	0.5	5	0.44	0.2	27	12	29	37	3.23	0.19	11	12	0.68	385	1	0.21	20	0.06	2	31	0.22	99	52
165	200	5	0.2	2.06	2	156	0.5	5	0.52	0.4	27	13	35	39	3.10	0.18	11	10	0.57	435	1	0.15	22	0.07	2	37	0.22	91	61
166	2200E-250S	5	0.2	1.77	2	88	0.4	5	0.37	0.2	23	9	30	31	2.86	0.17	9	10	0.53	269	1	0.20	15	0.05	2	27	0.20	84	48
167	2200E-300S	5	0.4	1.69	5	190	0.4	5	0.74	0.4	30	11	30	32	2.63	0.19	10	10	0.47	569	1	0.22	16	0.08	3	47	0.17	72	53
168	350	5	0.2	3.10	9	162	0.6	5	0.52	0.5	35	17	42	43	4.69	0.25	14	20	1.10	404	1	0.10	28	0.07	6	41	0.29	150	75
169	400	5	0.4	3.41	7	208	0.6	5	0.46	0.3	37	20	48	60	4.43	0.26	15	19	1.08	463	1	0.08	34	0.07	7	35	0.26	141	70
170	500	5	0.4	2.14	8	177	0.5	5	0.50	0.4	37	13	38	36	2.74	0.19	13	10	0.55	656	1	0.17	17	0.07	24	35	0.17	77	45
171	2200E-450S	5	0.2	1.55	2	139	0.4	5	0.42	0.2	20	10	32	31	2.71	0.18	10	9	0.48	288	1	0.20	15	0.05	2	31	0.18	79	47
172	2200E-550S	5	0.2	2.22	3	172	0.5	5	0.47	0.2	28	13	33	35	2.82	0.18	12	10	0.56	710	1	0.22	16	0.07	2	34	0.19	81	46
173	600	5	0.4	2.49	3	117	0.5	5	0.36	0.3	20	12	40	37	3.81	0.17	10	15	0.68	285	1	0.15	22	0.06	2	30	0.25	116	60
174	650	5	0.2	2.07	3	157	0.4	5	0.55	0.4	24	12	32	31	3.23	0.22	10	13	0.68	375	1	0.12	19	0.07	2	39	0.23	102	58
175	700	5	0.2	1.88	2	259	0.5	5	0.81	0.4	29	13	33	37	2.74	0.22	11	10	0.53	703	1	0.19	21	0.09	2	54	0.19	77	63
176	2200E-750S	5	0.4	3.70	2	224	0.7	5	0.77	0.3	39	23	34	66	4.90	0.32	16	19	1.33	480	1	0.09	32	0.07	3	55	0.31	163	81

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
177	2200E-800S	5	0.2	1.41	3	91	0.3	5	0.44	0.3	20	9	28	26	2.64	0.17	8	8	0.49	287	1	0.25	15	0.04	2	31	0.18	74	49
178	850	5	0.2	1.36	4	74	0.3	5	0.38	0.2	21	8	29	25	2.54	0.16	8	8	0.46	233	1	0.21	14	0.05	2	27	0.17	73	45
179	900	5	0.2	2.23	5	144	0.5	5	0.57	0.3	32	16	30	45	3.31	0.20	12	13	0.72	390	1	0.17	22	0.06	3	38	0.20	99	67
180	950	5	0.2	2.51	7	177	0.5	5	0.40	0.5	33	15	46	37	3.60	0.20	13	14	0.73	373	1	0.13	24	0.06	4	33	0.20	112	56
181	2200E-1000S	5	0.2	2.36	2	198	0.5	5	0.69	0.4	29	15	31	40	3.47	0.19	12	12	0.80	479	1	0.20	20	0.08	2	45	0.23	109	57
182	2200E-1050S	5	0.2	2.51	3	208	0.5	5	1.35	0.6	39	16	34	47	3.16	0.22	15	14	0.84	578	1	0.10	27	0.09	2	66	0.23	106	76
183	1100	5	0.4	3.00	3	250	0.6	5	1.34	0.5	45	19	35	59	3.67	0.25	17	18	1.02	714	1	0.10	31	0.10	2	66	0.25	122	84
184	1150 *	5	0.2	2.54	8	228	0.5	5	1.48	0.5	42	18	34	51	3.27	0.21	17	14	0.83	693	1	0.11	27	0.09	2	67	0.22	111	82
185	1200	5	0.2	3.01	2	230	0.6	5	1.13	0.3	40	19	39	51	3.80	0.25	16	17	1.02	672	1	0.12	30	0.08	2	61	0.28	128	84
186	2200E-1250S	5	0.2	1.78	5	261	0.4	5	0.59	0.6	28	11	36	37	2.77	0.16	11	8	0.50	669	1	0.20	19	0.08	2	43	0.19	73	65
187	2200E-1300S	5	0.2	2.98	3	203	0.5	5	0.54	0.4	36	17	43	40	3.95	0.19	14	14	1.04	379	1	0.11	28	0.05	2	39	0.28	139	72
188	1350	5	0.2	2.38	9	236	0.5	5	0.77	0.5	33	14	35	39	3.45	0.15	13	12	0.77	466	1	0.16	24	0.05	2	49	0.22	105	62
189	1400	5	0.2	2.01	5	211	0.4	5	0.62	0.6	29	13	38	38	3.04	0.16	11	8	0.61	720	1	0.16	23	0.09	2	47	0.19	83	61
190	1450	5	0.2	2.36	2	123	0.4	5	0.30	0.3	26	13	39	42	3.41	0.15	11	13	0.73	209	1	0.11	21	0.04	2	27	0.22	125	54
191	2200E-1500S	5	0.2	2.75	7	204	0.6	5	1.26	0.5	44	18	31	63	3.60	0.31	18	15	1.04	447	1	0.15	28	0.08	2	86	0.28	121	65
192	2200E-1550S	5	0.4	3.20	8	285	0.6	5	1.02	0.4	42	20	35	69	4.23	0.28	17	19	1.13	538	1	0.13	34	0.10	4	59	0.31	150	73
193	1600	5	0.2	2.06	2	172	0.4	5	1.15	0.3	33	14	27	45	2.70	0.15	12	12	0.68	351	1	0.08	22	0.09	2	51	0.19	95	76
194	1650	5	0.2	2.64	4	198	0.5	5	1.16	0.3	37	18	34	47	3.64	0.20	15	17	0.93	658	1	0.13	29	0.08	2	51	0.26	122	78
195	1700	5	0.2	2.46	3	167	0.5	5	1.17	0.2	38	20	38	45	3.54	0.19	15	15	0.85	557	1	0.13	27	0.09	3	50	0.25	114	64
196	2200E-1750S	5	0.4	2.46	6	198	0.5	5	1.50	0.4	37	15	33	47	3.19	0.21	14	15	0.85	508	1	0.13	27	0.08	2	59	0.25	107	76
197	2200E-1800S	5	0.2	2.64	5	192	0.5	5	1.08	0.3	38	16	45	42	3.53	0.23	15	15	0.92	485	1	0.13	26	0.07	2	59	0.29	123	67
198	1850	5	0.4	3.01	2	224	0.6	5	1.16	0.5	42	19	41	52	3.88	0.27	16	17	1.06	600	1	0.12	31	0.08	4	61	0.28	133	78
199	1900	5	0.2	2.90	8	209	0.6	5	1.16	0.3	42	16	43	45	3.65	0.27	16	16	0.99	390	1	0.14	28	0.08	2	68	0.28	125	70
201	1950	5	0.2	2.98	2	226	0.5	5	1.07	0.2	38	17	36	51	3.72	0.25	16	17	1.00	556	1	0.12	30	0.08	2	58	0.28	127	73
202	2200E-2000S	5	0.4	2.78	2	210	0.5	5	1.13	0.2	35	18	36	42	3.54	0.25	14	16	0.93	684	1	0.13	29	0.08	2	61	0.27	121	88
203	2300E-100S	5	0.2	3.67	4	150	0.5	5	1.10	0.4	35	24	41	65	4.78	0.30	13	24	1.91	715	1	0.14	47	0.09	2	41	0.30	153	70
204	150	5	0.4	4.19	2	210	0.5	5	1.25	0.4	33	30	40	103	5.61	0.53	13	34	2.69	940	1	0.17	57	0.09	2	45	0.36	188	94
205	200	5	0.2	4.01	4	200	0.6	5	1.15	0.3	34	29	53	110	5.29	0.43	14	28	2.10	879	1	0.13	55	0.09	2	50	0.34	175	90
206	250	5	0.2	4.20	2	183	0.5	5	1.24	0.3	33	30	44	89	5.66	0.48	13	33	2.51	904	1	0.12	54	0.09	2	42	0.37	195	94
207	2300E-300S	5	0.4	3.07	3	173	0.5	5	0.99	0.3	28	22	38	41	4.58	0.35	11	25	2.07	732	1	0.17	39	0.10	2	40	0.29	151	75
208	2300E-350S	5	0.2	3.17	2	182	0.6	5	0.62	0.2	30	17	57	42	4.13	0.25	12	16	1.07	528	1	0.16	32	0.08	2	40	0.27	127	74
209	400	5	0.2	3.33	3	160	0.4	5	1.13	0.3	28	23	44	46	4.77	0.48	10	25	2.62	630	1	0.13	47	0.07	2	40	0.28	157	72
210	450	5	0.4	3.25	2	187	0.5	5	1.14	0.3	31	24	44	62	4.64	0.47	12	26	2.29	707	1	0.14	42	0.09	2	45	0.27	157	88
211	500	5	0.4	3.83	6	239	0.5	5	1.09	0.6	36	31	32	108	5.21	0.49	15	31	3.05	736	1	0.11	51	0.10	2	45	0.29	173	78
212	2300E-550S	5	0.2	3.77	2	259	0.6	5	1.18	0.5	39	30	35	110	5.12	0.44	15	28	2.66	867	1	0.13	50	0.11	2	52	0.28	163	90
213	2300E-600S *	5	0.2	3.69	2	340	0.5	5	1.30	0.6	36	27	29	113	5.09	0.67	13	26	2.91	1047	1	0.10	48	0.10	2	49	0.28	166	86
214	650	5	0.2	4.14	3	306	0.5	5	1.28	0.3	36	28	27	71	5.46	0.69	14	28	3.02	704	1	0.13	50	0.08	3	47	0.33	174	87
215	700	5	0.2	2.40	6	289	0.5	5	2.32	1.0	40	19	27	91	3.52	0.34	14	14	1.46	767	1	0.09	42	0.12	2	63	0.20	110	86
216	750	5	0.2	3.56	6	294	0.6	5	1.53	0.5	42	26	30	77	5.13	0.47	16	22	2.35	825	2	0.14	49	0.10	5	55	0.30	163	96
217	2300E-800S	5	0.2	3.53	4	282	0.5	5	1.61	0.6	42	26	33	75	4.97	0.61	16	22	2.36	769	1	0.13	45	0.10	4	55	0.29	161	91
218	2300E-850S	5	0.2	3.76	6	216	0.6	5	1.00	0.4	39	24	33	62	5.06	0.40	16	24	2.20	632	1	0.21	36	0.07	3	52	0.31	160	83
219	900	5	0.2	3.26	4	190	0.6	5	0.97	0.4	36	21	42	59	4.70	0.32	13	21	1.73	564	1	0.13	34	0.09	3	45	0.29	150	79
220	950	5	0.2	4.29	5	151	0.5	5	1.33	0.6	37	32	62	70	5.84	0.87	13	40	3.78	757	1	0.13	73	0.07	2	43	0.32	184	88
221	1000	5	0.2	3.99	4	219	0.8	5	0.57	0.2	37	23	44	62	5.05	0.27	17	24	1.25	579	1	0.09	36	0.06	3	43	0.34	184	78
222	2300E-1050S	5	0.2	2.08	5	205	0.4	5	0.66	0.2	26	12	39	45	3.46	0.19	11	13	0.62	537	1	0.19	25	0.06	2	44	0.26	116	68

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
223	2300E-1100S	5	0.2	2.74	4	250	0.6	5	1.52	0.4	39	18	33	62	3.63	0.25	14	17	0.95	768	1	0.12	28	0.11	2	55	0.25	127	75
224	1150	5	0.2	2.99	2	157	0.6	5	0.59	0.2	32	19	37	48	4.25	0.23	14	19	1.00	418	1	0.21	28	0.05	3	36	0.30	144	69
225	1200	5	0.2	3.31	7	235	0.6	5	1.39	0.5	43	22	38	78	4.40	0.35	17	22	1.31	580	1	0.14	38	0.08	3	59	0.31	153	84
226	1250	5	0.2	2.83	3	215	0.6	5	1.37	0.6	41	18	36	60	3.77	0.27	15	19	1.02	549	1	0.13	30	0.09	4	53	0.27	129	74
227	2300E-1300S *R	5	0.2	2.04	2	157	0.4	5	0.99	0.6	35	14	30	43	2.87	0.17	12	13	0.70	316	1	0.08	21	0.07	2	42	0.20	97	56
228	2300E-1350S	5	0.2	2.36	8	123	0.4	5	0.65	0.6	31	13	42	47	3.40	0.20	13	13	0.80	253	1	0.13	25	0.05	2	37	0.26	121	61
229	1400	5	0.2	2.77	6	200	0.5	5	1.18	0.4	40	18	40	51	3.84	0.28	15	17	1.05	508	2	0.14	29	0.07	5	58	0.26	130	75
230	1450	5	0.2	3.02	4	227	0.6	5	1.39	0.5	44	20	39	60	3.98	0.29	16	20	1.15	582	2	0.11	32	0.08	4	55	0.25	134	76
231	1500	5	0.2	2.72	6	197	0.6	5	1.16	0.5	40	18	41	52	3.72	0.28	16	17	1.03	528	1	0.12	29	0.07	4	58	0.27	128	72
232	2300E-1550S	5	0.2	2.64	7	195	0.5	5	1.11	0.4	39	17	38	51	3.60	0.26	14	16	1.00	536	1	0.11	28	0.07	2	54	0.26	123	67
233	2300E-1600S	5	0.2	3.03	7	212	0.6	5	1.12	0.5	42	20	36	59	4.03	0.31	16	19	1.16	584	1	0.11	31	0.08	4	52	0.27	135	77
234	1650	5	0.2	2.90	6	214	0.6	5	1.15	0.4	40	18	38	51	3.82	0.29	15	18	1.07	556	1	0.11	29	0.08	4	55	0.27	131	74
235	1700	5	0.2	2.67	2	194	0.5	5	1.07	0.3	38	16	36	45	3.53	0.26	14	16	0.97	485	1	0.12	27	0.07	2	56	0.26	118	71
236	1750	5	0.2	2.79	4	216	0.6	5	1.26	0.4	43	18	36	50	3.68	0.27	15	17	1.01	575	1	0.13	29	0.08	4	56	0.25	122	76
237	2300E-1800S	5	0.2	2.82	9	209	0.5	5	1.03	0.5	41	18	37	46	3.67	0.27	15	17	1.00	566	1	0.12	27	0.07	4	55	0.26	122	69
238	2300E-1850S	5	0.2	3.00	6	235	0.6	5	1.20	0.5	46	22	42	60	3.87	0.29	17	18	1.12	854	1	0.12	33	0.09	6	58	0.25	128	84
239	1900	5	0.2	2.92	9	234	0.6	5	1.38	0.5	46	22	43	68	3.89	0.28	17	19	1.17	913	1	0.12	35	0.09	6	59	0.24	125	90
240	1950	5	0.2	2.32	9	170	0.5	5	1.74	0.6	41	18	36	65	3.42	0.23	14	16	1.04	711	1	0.13	33	0.08	3	54	0.21	106	86
241	2300E-2000S	5	0.2	1.21	2	68	0.3	5	0.42	0.2	20	5	31	18	2.05	0.17	7	6	0.29	174	1	0.28	8	0.02	2	27	0.18	65	34
242	2400E-0S	5	0.2	1.79	2	119	0.4	5	0.59	0.2	26	11	37	48	3.11	0.18	11	9	0.62	455	1	0.17	20	0.09	2	40	0.21	82	73
243	2400E-50S *R	5	0.2	3.09	4	142	0.6	5	0.75	0.3	35	37	21	95	3.53	0.18	15	15	1.16	1036	1	0.08	29	0.13	2	42	0.17	85	73
244	100	5	0.2	3.89	10	589	0.3	5	0.82	0.3	23	33	26	47	5.76	1.27	10	42	4.11	912	1	0.08	60	0.07	2	30	0.33	196	83
245	150	5	0.2	3.44	8	445	0.4	5	1.17	0.6	28	29	34	51	5.14	0.77	10	32	3.15	743	1	0.09	51	0.10	2	45	0.29	160	89
246	200	5	0.2	2.39	4	142	0.4	5	0.67	0.3	24	19	35	28	3.75	0.40	8	20	1.71	437	1	0.17	30	0.10	2	30	0.23	113	60
247	2400E-250S	5	0.2	3.27	5	292	0.4	5	0.85	0.4	26	25	40	33	5.11	0.76	10	28	2.95	615	1	0.12	42	0.07	2	36	0.29	161	66
248	2400E-300S	5	0.4	3.06	9	229	0.5	5	0.92	0.4	31	24	42	40	4.81	0.43	11	24	2.30	680	1	0.17	39	0.08	3	39	0.28	154	81
249	350	5	0.2	2.46	7	154	0.4	5	0.64	0.2	25	18	40	31	3.65	0.31	9	19	1.61	475	1	0.23	26	0.06	3	36	0.22	115	57
251	400	5	0.4	2.94	2	196	0.6	5	0.89	0.2	29	22	48	60	4.45	0.44	14	22	1.87	548	1	0.17	37	0.09	2	46	0.28	151	71
252	500	5	0.2	2.40	2	193	0.5	5	0.85	0.6	32	20	41	56	3.40	0.27	12	15	1.21	736	1	0.16	35	0.10	2	43	0.21	106	66
253	2400E-550S	5	0.4	3.38	4	262	0.6	5	1.73	0.9	43	30	35	138	5.24	0.50	18	20	2.11	922	1	0.13	65	0.13	3	52	0.29	145	108
254	2400E-600S	5	0.4	2.80	2	178	0.4	5	1.63	0.4	42	21	33	74	4.58	0.47	18	19	1.75	579	1	0.15	45	0.07	2	64	0.30	141	82
255	650	5	0.4	3.04	4	208	0.5	5	1.90	0.7	38	23	29	85	4.54	0.45	15	20	1.93	758	1	0.13	46	0.09	2	52	0.25	137	98
256	700	5	0.2	3.34	2	251	0.7	5	1.20	0.4	46	21	45	71	4.80	0.43	17	19	1.31	648	1	0.15	37	0.09	2	71	0.34	155	76
257	750	5	0.4	2.07	2	196	0.5	5	0.93	0.5	34	15	34	41	3.06	0.24	11	11	0.65	673	1	0.24	21	0.12	2	56	0.21	84	73
258	2400E-800S	5	0.2	2.72	2	187	0.6	5	0.78	0.5	35	17	45	51	4.08	0.27	14	15	1.00	498	1	0.18	30	0.07	4	51	0.27	121	70
259	2400E-850S	5	0.2	1.76	2	148	0.4	5	0.84	0.2	34	12	28	43	2.83	0.27	13	11	0.67	421	1	0.28	20	0.09	4	38	0.18	82	50
260	900	5	0.4	1.97	2	183	0.5	5	0.62	0.3	33	13	32	32	2.95	0.17	11	10	0.57	767	1	0.23	20	0.07	2	41	0.19	79	68
261	950	5	0.2	4.23	2	285	0.7	5	0.62	0.2	34	21	54	42	4.89	0.27	14	17	0.99	586	1	0.07	39	0.06	5	53	0.31	140	86
262	1000	5	0.2	2.00	2	119	0.5	5	0.40	0.2	20	11	25	31	3.15	0.15	9	11	0.62	236	1	0.24	16	0.05	2	27	0.23	100	51
263	2400E-1050S	5	0.2	0.91	2	55	0.2	5	0.32	0.2	14	5	19	13	2.01	0.13	5	6	0.32	156	1	0.35	6	0.03	2	19	0.15	55	30
264	2400E-1100S	5	0.2	3.12	2	222	0.6	5	0.64	0.2	36	19	37	47	4.31	0.25	15	18	1.16	439	1	0.08	28	0.06	3	41	0.31	145	61
265	1150	5	0.2	2.51	2	191	0.5	5	1.35	0.2	38	17	33	53	3.39	0.25	13	15	1.00	682	1	0.13	26	0.08	2	52	0.23	113	65
266	1200	5	0.2	1.88	2	148	0.4	5	1.34	0.5	35	18	35	50	2.80	0.21	11	11	0.68	836	1	0.12	21	0.09	2	46	0.20	94	48
267	1250	5	0.2	2.42	2	192	0.5	5	1.62	0.4	38	18	36	60	3.37	0.24	13	15	1.01	687	1	0.12	29	0.09	2	52	0.22	109	73
268	2400E-1300S	5	0.2	3.03	2	226	0.6	5	1.31	0.2	40	21	42	56	4.07	0.33	15	20	1.29	664	1	0.13	35	0.06	4	55	0.28	131	79

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
269	2400E-1350S	5	0.2	2.67	2	203	0.5	5	1.36	0.2	38	19	41	56	3.67	0.26	13	17	1.07	633	1	0.13	30	0.08	2	51	0.24	120	74
270	1400	5	0.2	2.31	3	169	0.4	5	1.61	0.6	36	17	38	56	3.49	0.23	14	16	1.16	567	1	0.12	31	0.07	2	55	0.21	109	83
271	1450 *¤	5	0.2	1.36	3	73	0.4	7	1.54	0.7	34	12	28	47	2.18	0.10	11	10	0.58	191	1	0.06	20	0.06	2	35	0.14	69	54
272	1500	5	0.2	2.31	6	126	0.5	5	1.30	0.4	38	19	35	57	3.87	0.25	16	17	1.21	474	1	0.13	32	0.04	2	51	0.26	120	66
273	2400E-1550S	5	0.2	2.78	5	160	0.5	7	1.66	0.6	40	24	32	79	4.48	0.25	15	21	1.64	635	2	0.11	39	0.08	4	48	0.26	136	85
274	2400E-1600S	5	0.2	1.90	6	126	0.4	5	2.04	0.4	38	16	32	54	2.94	0.20	11	15	0.88	414	1	0.11	26	0.09	2	48	0.18	90	73
275	1650	5	0.2	2.11	4	138	0.4	7	1.72	0.6	41	19	31	61	3.36	0.18	13	17	1.04	665	1	0.13	29	0.08	4	46	0.21	105	68
276	1700 *¤	5	0.2	0.70	5	92	0.3	7	2.37	0.8	36	6	16	34	1.12	0.09	7	5	0.24	190	1	0.05	12	0.08	2	48	0.06	33	49
277	1750	5	0.2	2.15	7	147	0.4	5	0.51	0.2	27	14	46	44	3.97	0.19	11	16	0.71	321	1	0.16	23	0.03	7	31	0.28	136	77
278	2400E-1800S	5	0.2	0.70	2	32	0.2	6	0.38	0.2	20	5	14	11	1.62	0.11	5	6	0.33	146	1	0.39	5	0.02	2	22	0.13	44	26
279	2400E-1850S	5	0.2	1.86	6	160	0.4	5	1.80	0.5	40	14	32	50	2.58	0.16	12	11	0.60	671	1	0.12	22	0.09	2	50	0.15	79	63
280	1900	5	0.2	2.10	7	153	0.4	9	1.51	0.4	38	16	37	57	3.15	0.18	11	16	0.98	412	1	0.18	28	0.08	3	45	0.19	95	68
281	1950 *¤	5	0.2	1.03	4	125	0.3	5	2.78	0.4	29	8	20	31	1.47	0.11	7	5	0.29	432	1	0.06	13	0.07	2	55	0.09	43	60
282	2400E-2000S *¤	5	0.2	1.03	5	112	0.3	5	2.73	0.4	30	9	20	38	1.52	0.10	7	6	0.39	399	1	0.06	15	0.07	2	51	0.08	47	58
283	2500E-100S *¤	5	1.0	1.93	6	131	0.5	5	1.40	0.8	28	13	18	543	2.48	0.21	12	14	0.98	618	1	0.07	21	0.11	2	48	0.12	67	102
284	2500E-150S	60	1.8	3.29	6	141	0.8	5	0.82	0.5	33	21	40	1844	4.23	0.21	17	18	1.03	689	2	0.07	50	0.14	2	47	0.24	106	165
285	200 *¤	5	0.4	1.36	3	109	0.4	5	1.50	0.4	29	12	26	105	1.99	0.15	9	7	0.56	594	1	0.11	20	0.11	2	45	0.13	56	55
286	250 *¤	5	0.2	1.22	4	241	0.3	5	2.27	0.5	31	12	23	87	1.90	0.18	9	8	0.70	536	1	0.06	20	0.12	2	41	0.11	61	65
287	300 *¤	5	0.4	2.58	5	239	0.4	5	2.01	0.7	33	22	25	147	3.82	0.34	9	20	2.24	662	1	0.05	41	0.11	2	41	0.21	130	81
288	2500E-350S	5	0.2	1.41	6	198	0.3	5	2.38	0.6	33	13	22	62	2.17	0.21	7	10	0.86	492	1	0.07	23	0.10	2	40	0.12	72	69
289	2500E-400S	5	0.2	3.50	3	228	0.5	5	2.02	0.6	35	27	30	92	4.96	0.69	12	25	2.73	807	1	0.11	49	0.09	2	50	0.26	157	88
290	450	5	0.4	3.10	10	188	0.6	5	1.63	0.3	41	26	37	108	4.46	0.25	15	21	1.32	776	1	0.11	48	0.10	6	61	0.24	120	88
291	500	5	0.2	3.00	11	184	0.6	5	0.92	0.2	34	43	33	170	5.37	0.20	14	23	1.21	530	1	0.14	59	0.11	2	50	0.24	134	83
292	550	5	0.2	1.46	3	110	0.4	5	1.98	0.4	36	10	26	54	2.04	0.14	10	8	0.36	390	1	0.13	18	0.09	2	52	0.14	59	72
293	2500E-600S *¤	5	0.2	0.66	4	54	0.3	5	3.24	0.8	33	7	14	38	1.05	0.07	6	5	0.21	208	1	0.04	15	0.08	2	45	0.06	29	55
294	2500E-650S	5	0.2	2.02	8	154	0.5	5	1.95	0.4	42	17	29	54	3.04	0.20	15	13	0.62	573	1	0.09	27	0.09	2	50	0.22	89	78
295	700	5	0.2	1.27	2	102	0.3	5	0.39	0.2	22	8	25	29	1.86	0.15	8	6	0.26	172	1	0.25	16	0.09	2	27	0.15	51	46
296	750	5	0.2	2.24	2	114	0.5	5	0.32	0.2	29	13	27	40	3.06	0.17	11	11	0.48	374	1	0.21	20	0.10	2	23	0.21	84	49
297	800	5	0.2	1.56	2	93	0.4	5	0.38	0.2	25	9	20	29	2.51	0.15	8	10	0.42	202	1	0.31	12	0.05	2	23	0.18	71	38
298	2500E-850S	5	0.2	2.21	4	145	0.4	5	0.51	0.3	29	19	36	43	3.73	0.22	11	14	0.83	351	1	0.25	28	0.06	2	36	0.26	117	55
2	2500E-900S	5	0.2	1.47	2	125	0.4	5	0.43	0.2	25	9	24	34	2.34	0.17	9	9	0.50	268	1	0.33	12	0.05	2	31	0.19	76	40
3	950	5	0.2	2.72	5	205	0.7	5	1.46	0.4	53	20	20	55	4.25	0.17	24	24	1.30	745	1	0.10	30	0.05	2	48	0.37	158	57
4	1000	5	0.2	1.11	8	103	0.4	5	3.25	0.6	39	11	16	43	1.64	0.09	10	8	0.33	506	1	0.07	20	0.08	2	46	0.10	63	58
5	1050	5	0.2	1.31	9	101	0.5	6	3.50	0.8	42	12	18	52	1.99	0.12	14	9	0.46	483	1	0.08	25	0.08	2	56	0.12	63	62
6	2500E-1100S	5	0.2	2.11	7	107	0.5	6	4.48	0.7	47	21	26	56	3.76	0.16	26	18	1.14	852	1	0.09	38	0.06	3	54	0.24	108	48
7	2500E-1150S	5	0.2	0.77	5	57	0.4	5	2.44	0.9	36	7	15	22	0.89	0.07	7	4	0.13	149	1	0.03	14	0.07	2	42	0.03	24	41
8	1200	5	0.2	1.72	5	98	0.4	5	1.29	0.8	39	16	28	56	2.57	0.12	11	11	0.69	312	1	0.08	25	0.08	3	35	0.15	77	76
9	1250	5	0.2	2.10	9	138	0.5	6	1.82	0.8	43	17	35	65	3.24	0.20	14	17	1.02	544	1	0.15	31	0.07	5	50	0.21	104	73
10	1300	5	0.4	2.04	6	140	0.5	5	1.81	0.8	42	18	31	70	3.20	0.16	14	17	1.03	567	1	0.13	32	0.07	4	46	0.19	101	76
11	2500E-1350S	5	0.2	2.13	3	152	0.4	5	1.89	0.5	38	17	33	64	3.21	0.24	12	16	1.11	584	1	0.14	31	0.08	2	51	0.20	103	74
12	2500E-1400S	5	0.2	1.52	3	117	0.4	5	1.36	0.6	33	12	27	42	2.19	0.12	9	9	0.53	249	1	0.10	19	0.08	2	41	0.14	69	62
13	1450	5	0.2	2.14	9	147	0.4	5	2.25	0.5	39	18	30	71	3.19	0.21	12	18	1.07	562	1	0.14	33	0.07	2	55	0.21	103	76
14	1500	5	0.2	1.81	9	114	0.4	5	2.23	0.7	39	16	27	73	2.82	0.14	11	15	1.02	438	2	0.09	29	0.07	4	45	0.16	90	67
15	1550	5	0.2	2.06	12	144	0.4	7	2.07	0.8	44	19	28	80	3.23	0.24	14	17	1.16	640	2	0.12	33	0.07	4	52	0.20	103	74
16	2500E-1600S	5	0.2	1.28	9	108	0.4	7	2.67	0.9	39	13	23	73	2.12	0.16	9	12	0.75	458	1	0.07	26	0.07	3	46	0.12	69	73

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
17	2500E-1650S	5	0.2	2.23	12	134	0.5	5	2.00	0.5	46	20	32	57	3.64	0.23	16	17	1.19	602	2	0.12	33	0.07	5	56	0.23	115	75
18	1700	5	0.2	2.15	13	155	0.5	5	1.70	0.4	47	16	37	47	3.23	0.24	15	14	0.86	529	2	0.17	26	0.07	5	63	0.24	106	59
19	1750	5	0.2	1.59	8	64	0.4	5	0.55	0.2	32	9	22	17	2.90	0.15	10	9	0.44	211	1	0.29	14	0.06	3	28	0.17	76	42
20	1800	5	0.2	2.29	8	264	0.5	5	0.98	0.6	43	18	37	35	3.19	0.30	13	15	0.79	883	2	0.14	27	0.08	6	57	0.24	99	90
21	2500E-1850S	5	0.2	2.98	3	208	0.6	6	0.74	0.3	39	17	52	37	3.75	0.21	14	15	0.77	637	1	0.16	31	0.05	6	54	0.25	106	79
22	2500E-1900S	5	0.2	1.60	3	119	0.4	5	0.50	0.3	29	12	35	29	2.61	0.15	10	9	0.42	453	1	0.28	15	0.06	2	34	0.19	72	57
23	1950	5	0.2	3.18	5	219	0.7	5	0.98	0.3	51	18	42	44	4.06	0.26	19	21	0.91	616	1	0.13	30	0.07	3	60	0.30	123	76
24	2500E-2000S	5	0.2	3.44	10	141	0.6	5	0.47	0.2	32	17	51	40	4.42	0.14	13	19	0.70	342	1	0.17	33	0.04	5	39	0.29	127	68
25	2600E-0S	5	0.6	1.75	16	5580	0.7	7	7.90	2.0	27	19	12	109	3.40	0.32	26	11	0.27	956	2	0.08	61	0.06	12	125	0.13	59	141
26	2600E-50S	5	0.4	3.19	11	373	0.8	6	2.28	1.0	61	27	15	147	3.60	0.33	34	21	0.88	975	2	0.11	86	0.07	5	80	0.15	52	110
27	2600E-100S	5	0.2	5.04	14	226	0.6	5	2.04	0.6	39	41	40	131	6.97	0.97	16	42	3.14	983	1	0.17	99	0.06	3	71	0.46	202	126
28	150	5	0.2	4.21	2	207	0.5	5	2.24	0.9	36	35	45	96	5.66	0.69	12	34	3.58	877	1	0.09	76	0.08	2	49	0.33	162	123
29	200	5	0.4	4.26	2	815	0.6	5	1.51	0.6	42	47	39	98	6.40	0.60	16	36	2.51	1044	1	0.14	93	0.08	5	62	0.33	163	105
30	250	5	0.2	1.73	4	229	0.4	8	2.81	0.9	39	15	31	54	2.47	0.20	9	13	0.96	474	1	0.07	38	0.11	2	57	0.13	72	73
31	2600E-300S	5	0.2	2.98	2	162	0.4	5	1.07	0.2	29	19	28	41	4.02	0.46	9	23	1.97	599	1	0.25	31	0.07	2	43	0.24	127	63
32	2600E-350S	5	0.4	2.42	11	157	0.6	5	6.36	1.2	34	19	29	92	4.04	0.18	24	14	0.73	1128	2	0.12	49	0.07	3	103	0.21	89	94
33	400	5	0.4	2.21	3	203	0.5	5	1.09	0.9	34	16	44	47	3.36	0.26	12	13	0.56	776	1	0.15	27	0.11	2	46	0.23	99	104
34	450	5	0.2	3.90	5	325	0.8	5	0.97	0.2	45	38	44	131	5.81	0.24	16	25	1.27	729	3	0.09	63	0.13	5	68	0.31	148	97
35	500	5	0.2	2.21	4	145	0.5	5	0.68	0.3	33	15	33	46	3.07	0.16	11	12	0.60	402	1	0.25	24	0.08	3	45	0.21	84	60
36	2600E-550S	5	0.4	2.48	38	116	0.6	5	2.13	1.0	49	24	33	95	4.18	0.14	22	13	0.52	746	1	0.14	60	0.08	10	69	0.24	89	137
37	2600E-600S	5	0.2	1.82	11	121	0.5	7	1.92	0.8	46	13	28	48	2.53	0.15	14	11	0.51	542	1	0.13	29	0.09	4	45	0.15	66	87
38	650 *¤	5	0.2	1.08	17	110	0.4	5	3.12	0.8	40	11	20	72	1.91	0.11	10	9	0.41	510	1	0.08	31	0.09	2	46	0.10	50	83
39	700	5	0.2	1.81	7	117	0.5	5	2.17	0.7	51	14	26	52	2.54	0.14	18	11	0.48	665	1	0.19	30	0.07	3	55	0.20	73	69
40	750	5	0.2	2.83	5	245	0.7	5	0.78	0.6	41	17	44	47	3.80	0.22	14	14	0.68	643	1	0.15	32	0.09	5	58	0.25	103	94
41	2600E-800S	5	0.2	2.88	8	180	0.7	5	0.65	0.2	42	19	48	55	4.16	0.23	16	15	0.84	485	1	0.12	32	0.07	4	48	0.30	136	70
42	2600E-850S	5	0.2	1.33	4	100	0.3	5	0.45	0.2	26	8	32	30	2.44	0.18	10	7	0.38	268	1	0.26	14	0.06	2	29	0.18	69	50
43	900	5	0.2	1.30	15	111	0.4	5	2.80	0.5	43	14	16	46	2.10	0.12	13	10	0.44	493	1	0.07	18	0.08	2	55	0.14	73	47
44	950 *¤	5	0.2	0.62	8	81	0.3	5	4.22	0.8	35	7	11	34	0.91	0.07	9	5	0.16	395	1	0.04	17	0.06	2	59	0.05	36	40
45	1000	5	0.2	1.69	7	106	0.4	5	2.24	0.3	44	12	27	36	2.32	0.16	13	11	0.41	395	2	0.11	22	0.08	2	49	0.18	70	44
46	2600E-1050S	5	0.2	1.90	7	126	0.5	5	1.70	0.9	45	17	29	36	2.68	0.18	13	12	0.44	468	1	0.10	22	0.09	5	51	0.19	79	57
47	2600E-1100S	5	0.2	1.95	11	134	0.5	5	2.41	0.4	46	13	31	48	2.65	0.19	15	11	0.49	463	1	0.13	28	0.08	2	69	0.21	83	57
48	1150	5	0.2	1.64	9	124	0.5	5	2.63	0.3	45	13	24	49	2.28	0.16	14	10	0.45	519	1	0.10	27	0.09	2	58	0.17	70	54
49	1300	5	0.2	1.98	13	174	0.5	5	2.05	0.3	47	14	29	43	2.69	0.19	15	10	0.50	711	1	0.12	25	0.07	3	64	0.20	81	59
51	1350	5	0.2	2.29	10	182	0.6	5	2.15	0.5	43	14	33	53	2.96	0.22	15	11	0.53	622	1	0.11	29	0.08	2	70	0.20	85	71
52	2600E-1400S *¤	5	0.2	1.73	13	154	0.5	5	2.55	0.7	41	13	27	51	2.46	0.16	13	9	0.43	762	1	0.08	26	0.08	2	66	0.15	74	67
53	2600E-1450S *¤	5	0.2	0.88	10	174	0.4	5	3.03	0.9	37	26	15	56	1.73	0.09	9	5	0.22	2193	3	0.05	28	0.12	2	66	0.05	37	79
54	1500	5	0.2	2.09	12	166	0.5	5	2.00	0.8	40	20	31	70	3.29	0.22	13	14	0.92	959	1	0.11	35	0.09	2	65	0.20	91	77
55	1550 *¤	5	0.2	1.73	12	177	0.5	5	2.15	0.8	40	18	27	74	2.78	0.17	12	11	0.77	1200	2	0.09	35	0.11	2	61	0.15	80	75
56	1600	5	0.2	1.62	7	138	0.4	7	1.49	0.6	38	11	32	52	2.32	0.18	12	10	0.57	682	2	0.21	24	0.10	3	49	0.18	68	54
57	2600E-1650S *¤	5	0.2	1.23	9	194	0.5	6	2.45	0.9	43	10	22	85	1.68	0.13	12	7	0.39	1135	2	0.08	35	0.12	2	68	0.09	45	82
58	2600E-1750S	5	0.2	2.49	9	192	0.5	7	1.59	0.6	43	18	36	64	3.33	0.19	15	17	1.29	509	1	0.14	35	0.09	5	58	0.21	102	61
59	1800	5	0.2	2.45	10	113	0.5	5	0.44	0.2	30	13	40	31	3.62	0.18	11	15	0.59	259	1	0.26	22	0.04	6	32	0.26	107	49
60	1850	5	0.2	2.28	10	198	0.4	5	0.53	0.4	35	15	32	34	3.38	0.19	12	15	0.58	784	1	0.28	24	0.07	7	39	0.21	95	67
61	1900	5	0.2	2.80	6	175	0.5	5	0.58	0.4	32	16	54	36	3.82	0.20	13	17	0.71	430	1	0.13	26	0.05	4	46	0.27	118	76
62	2600E-2000S	5	0.2	1.53	2	134	0.4	5	0.53	0.3	29	8	36	30	2.23	0.23	10	8	0.38	250	1	0.23	14	0.05	2	37	0.18	68	44

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
63	2700E-0S	5	0.2	3.94	8	206	0.5	5	1.25	0.7	30	28	46	62	4.65	0.57	11	42	3.21	637	1	0.12	51	0.12	2	58	0.25	148	80
64	50	5	0.2	4.99	2	259	0.5	5	1.65	0.5	40	47	32	94	6.72	1.09	15	43	3.89	875	1	0.13	86	0.07	2	63	0.37	185	93
65	150	5	0.2	2.39	4	343	0.5	5	0.91	0.5	33	27	32	48	3.60	0.32	12	15	1.19	798	1	0.11	29	0.12	2	45	0.23	112	83
66	200	5	0.2	3.94	4	818	0.5	5	1.84	0.6	36	36	36	97	5.86	0.77	14	32	2.72	874	1	0.11	68	0.08	2	48	0.33	171	110
67	2700E-250S *¤	5	0.2	2.76	6	241	0.4	5	1.78	0.7	36	25	29	73	3.99	0.68	11	22	1.90	597	1	0.10	42	0.09	2	46	0.22	118	78
68	2700E-300S	5	0.2	2.86	8	217	0.5	5	2.27	0.6	36	27	41	85	4.58	0.56	12	25	1.66	894	1	0.10	58	0.09	2	52	0.25	122	85
69	350	5	0.2	3.78	9	174	0.6	5	1.52	0.6	38	30	30	81	5.66	0.52	15	29	2.23	795	1	0.13	57	0.07	2	57	0.28	155	80
70	400	5	0.2	1.89	6	217	0.5	5	1.62	1.0	39	16	33	47	2.63	0.20	12	11	0.58	1050	1	0.12	24	0.12	2	54	0.17	74	73
71	450	5	0.2	1.86	6	118	0.5	5	2.35	0.7	37	17	29	62	3.10	0.14	14	11	0.53	720	1	0.12	40	0.11	4	57	0.17	76	99
72	2700E-500S *¤	5	0.2	1.13	8	119	0.4	5	2.86	0.6	33	9	15	45	1.63	0.08	8	7	0.34	348	1	0.08	23	0.08	2	50	0.09	50	63
73	2700E-550S	5	0.2	2.70	8	248	0.6	5	1.23	0.3	40	19	28	45	4.17	0.17	16	25	1.21	548	1	0.15	30	0.08	2	47	0.31	142	75
74	600	5	0.2	3.87	4	193	0.9	5	0.73	0.2	44	28	41	82	5.64	0.22	17	21	1.05	633	1	0.07	39	0.08	2	47	0.32	166	86
75	650	5	0.2	2.56	9	245	0.6	5	1.67	0.4	44	18	28	58	3.70	0.23	16	21	1.09	537	1	0.12	30	0.10	2	56	0.27	121	75
76	700	5	0.2	1.68	3	123	0.4	5	0.68	0.4	28	13	28	28	2.55	0.18	10	10	0.45	618	1	0.31	14	0.07	2	39	0.18	68	72
77	2700E-750S	5	0.2	2.59	4	212	0.6	6	0.70	0.2	40	16	32	40	3.33	0.19	16	13	0.68	721	1	0.22	27	0.08	3	51	0.23	93	72
78	2700E-800S	5	0.2	1.92	3	206	0.5	5	0.61	0.3	33	12	28	33	2.61	0.21	13	10	0.57	507	1	0.25	20	0.09	2	44	0.18	67	78
79	900	5	0.2	3.03	8	166	0.6	5	0.72	0.3	40	21	33	74	4.48	0.18	17	19	0.86	402	1	0.14	34	0.06	3	42	0.30	135	63
80	950 *¤	5	0.2	1.02	7	83	0.3	5	2.44	0.5	38	7	21	28	1.40	0.11	9	6	0.21	261	1	0.07	14	0.07	2	52	0.10	43	54
81	1000 *¤	5	0.2	0.91	6	66	0.4	5	3.33	0.9	38	9	17	46	1.27	0.10	11	6	0.22	260	2	0.05	20	0.08	2	48	0.07	41	57
82	2700E-1050S *¤	5	0.2	1.39	8	106	0.4	5	2.35	0.8	38	12	23	39	1.93	0.14	11	8	0.36	529	2	0.09	20	0.10	2	55	0.13	65	72
83	2700E-1100S *¤	5	0.2	1.55	9	156	0.5	5	2.58	0.8	43	13	22	48	2.11	0.16	13	9	0.38	1133	2	0.11	24	0.11	2	60	0.14	68	61
84	1150 *	5	0.2	1.94	5	168	0.6	5	2.42	0.7	44	16	29	64	2.71	0.17	14	10	0.65	1375	2	0.11	30	0.11	3	61	0.16	86	89
85	1200 *¤	5	0.2	1.31	7	138	0.5	5	2.71	0.6	40	15	23	60	2.21	0.11	12	7	0.44	1001	2	0.08	25	0.11	2	61	0.09	59	74
86	1250	5	0.2	1.03	3	74	0.3	5	1.07	0.3	32	9	18	25	1.92	0.15	9	7	0.48	471	1	0.38	12	0.08	2	36	0.14	54	45
87	2700E-1300S *¤	5	0.2	1.26	5	186	0.5	5	3.13	0.8	39	10	24	71	1.75	0.13	12	7	0.46	692	2	0.06	29	0.11	2	74	0.09	49	76
88	2700E-1350S	5	0.2	3.45	12	222	0.6	5	1.54	0.6	44	23	45	65	4.85	0.34	17	21	1.75	537	3	0.15	39	0.07	4	55	0.30	151	80
89	1400	5	0.2	3.39	12	235	0.6	5	1.71	0.5	46	24	44	57	4.84	0.33	17	21	1.97	584	2	0.18	42	0.07	5	59	0.31	157	78
90	1450	5	0.2	2.94	14	216	0.6	7	1.64	0.5	47	22	44	72	4.55	0.33	17	18	1.61	840	3	0.18	40	0.09	7	61	0.28	137	81
91	1500	5	0.2	2.94	8	203	0.5	5	1.84	0.5	34	22	55	81	4.28	0.28	14	19	1.59	606	2	0.14	41	0.10	2	66	0.24	135	89
92	2700E-1550S	5	0.2	2.20	7	140	0.4	5	1.86	0.5	37	14	44	59	3.08	0.21	13	16	0.97	397	1	0.12	27	0.11	2	61	0.19	98	72
93	2700E-1600S	5	0.2	2.71	9	196	0.5	5	2.13	0.4	37	21	47	64	4.07	0.26	14	19	1.54	786	2	0.18	38	0.10	3	59	0.26	132	80
94	1700	5	0.2	2.07	7	199	0.5	5	1.95	0.9	39	19	37	56	3.11	0.20	13	13	0.81	1499	3	0.18	30	0.13	2	69	0.19	92	88
95	1750	5	0.2	3.69	14	261	0.6	5	1.89	0.5	46	31	42	103	5.72	0.36	23	26	2.31	847	3	0.20	60	0.09	5	73	0.34	173	100
96	1800	5	0.2	3.76	10	222	0.6	5	1.58	0.3	42	28	41	79	5.44	0.27	17	26	2.33	665	3	0.20	51	0.07	5	58	0.34	174	80
97	2700E-1850S	5	0.2	3.61	9	236	0.6	5	1.47	0.6	42	26	49	88	5.20	0.40	18	25	1.99	672	2	0.18	49	0.10	6	63	0.32	160	84
98	2700E-1900S	5	0.2	3.72	11	245	0.7	5	1.40	0.5	44	27	49	93	5.24	0.25	20	24	2.01	764	3	0.17	49	0.07	6	59	0.33	165	83
99	1950	5	0.2	3.55	12	241	0.6	6	1.22	0.3	42	25	53	78	4.97	0.30	18	23	1.72	625	2	0.16	45	0.07	7	61	0.31	154	88
101	2700E-2000S	5	0.2	3.12	5	219	0.6	5	1.17	0.2	39	21	50	69	4.16	0.28	15	19	1.51	679	1	0.13	39	0.06	4	57	0.26	133	68

NORANDA VANCOUVER LABORATORY

Geochemical Analysis

Project Name & No.: AZ – 351 | Geol.: S.A. | Date received: AUG. 12 | LAB CODE: 9108–044

Material: 393 SOILS | Sheet: 1 of 9 | Date completed: SEP. 03

Remarks: * Sample screened @ –35 MESH (0.5 mm)

¤ Organic, Δ Humus, S Sulfide

Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)

ICP – 0.2 g sample digested with 3 ml $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 11 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
2	600E–500S	5	0.2	1.48	7	77	0.3	5	0.30	0.2	27	5	29	24	2.21	0.14	10	8	0.28	164	2	0.20	10	0.07	4	25	0.15	58	38
3	550	5	0.2	2.81	8	200	0.6	5	0.78	0.3	51	18	41	52	3.82	0.26	19	18	1.02	773	2	0.12	30	0.07	5	50	0.25	112	86
4	600	5	0.2	2.74	8	204	0.5	5	0.64	0.2	41	19	45	47	3.77	0.26	15	18	1.11	735	2	0.12	31	0.06	4	45	0.23	111	88
5	650	5	0.2	3.19	5	255	0.5	5	0.65	0.2	41	26	52	62	4.48	0.28	16	21	1.97	819	1	0.11	38	0.07	2	41	0.25	146	74
6	600E–700S	5	0.2	2.55	7	180	0.4	5	0.88	0.2	44	22	45	64	3.99	0.24	15	17	1.92	652	2	0.11	34	0.07	2	47	0.23	131	66
7	600E–750S	5	0.2	2.59	9	196	0.5	5	0.71	0.3	45	27	46	79	3.79	0.22	15	16	1.80	1137	2	0.09	34	0.09	2	41	0.19	119	68
8	800	5	0.2	2.49	10	158	0.4	5	0.62	0.2	44	20	48	61	3.59	0.23	15	16	1.57	622	2	0.09	31	0.08	3	39	0.20	113	60
9	850	5	0.2	1.92	10	105	0.4	5	0.53	0.4	28	12	46	72	2.96	0.21	13	12	1.00	303	2	0.10	27	0.06	4	34	0.18	97	56
10	900	5	0.2	2.36	12	151	0.5	5	0.83	0.4	37	17	51	60	3.29	0.24	16	15	1.17	707	2	0.08	27	0.08	3	42	0.17	98	61
11	600E–950S	5	0.2	2.86	6	187	0.5	5	0.70	0.2	25	16	44	51	3.86	0.29	12	15	1.08	614	1	0.10	29	0.06	2	46	0.25	113	70
12	600E–1000S	5	0.2	2.81	7	209	0.6	5	0.87	0.2	36	17	40	59	3.63	0.29	17	15	0.92	822	1	0.11	28	0.08	2	54	0.22	102	71
13	1050	5	0.2	2.90	10	201	0.5	5	0.83	0.2	33	18	46	58	3.94	0.32	15	16	1.16	778	2	0.12	30	0.09	2	55	0.25	117	78
14	1100	5	0.2	2.65	9	181	0.5	5	1.01	0.2	37	19	41	64	3.73	0.29	15	16	1.38	742	2	0.11	32	0.08	2	52	0.24	117	78
15	1150	5	0.2	2.84	8	227	0.5	5	1.22	0.2	40	21	49	71	3.90	0.27	16	17	1.64	813	1	0.10	36	0.09	2	56	0.22	123	84
16	600E–1200S	5	0.2	2.53	6	181	0.4	5	0.98	0.3	36	19	43	51	3.56	0.25	14	16	1.56	709	2	0.10	31	0.07	3	49	0.22	117	75
17	600E–1250S *¤	15	0.2	2.41	10	160	0.4	6	0.96	0.3	40	20	43	55	3.56	0.24	14	15	1.49	766	2	0.12	31	0.07	4	45	0.20	116	69
18	1300	5	0.2	2.06	8	155	0.4	6	1.01	0.5	42	17	39	48	2.88	0.20	14	13	1.23	567	2	0.08	26	0.06	4	48	0.16	92	69
19	1350 *¤	5	0.4	2.49	8	161	0.4	5	0.79	0.2	34	18	45	53	3.43	0.24	13	14	1.38	659	2	0.09	28	0.06	3	43	0.19	109	65
20	1400	5	0.2	2.07	8	160	0.4	5	0.93	0.4	38	17	42	52	2.81	0.18	13	12	1.16	671	1	0.07	26	0.07	3	45	0.14	89	63
21	600E–1450S	5	0.2	2.42	7	163	0.5	5	0.82	0.2	38	18	42	54	3.50	0.24	15	15	1.33	584	2	0.09	29	0.06	5	47	0.22	116	67
22	600E–1500S	5	0.2	2.65	6	162	0.5	5	0.83	0.3	37	20	39	57	3.86	0.23	15	16	1.63	647	2	0.10	31	0.07	3	47	0.24	128	73
23	1550	5	0.2	2.80	5	174	0.5	5	0.83	0.3	40	21	38	66	4.02	0.24	16	17	1.69	668	2	0.10	34	0.07	2	47	0.25	131	72
24	1600	5	0.2	2.78	7	172	0.5	5	0.99	0.3	43	19	48	61	4.22	0.27	16	17	1.62	570	2	0.11	33	0.07	3	54	0.28	140	74
25	1650	5	0.2	2.76	3	173	0.5	5	0.98	0.3	44	17	49	57	3.35	0.28	17	16	1.54	402	3	0.11	31	0.06	5	59	0.28	125	68
26	600E–1700S	5	0.2	2.80	9	194	0.5	5	1.02	0.4	46	23	47	75	4.07	0.25	17	18	1.86	892	2	0.10	37	0.08	3	52	0.24	133	78
27	600E–1750S	5	0.2	2.78	8	139	0.5	5	1.17	0.4	47	18	42	51	4.09	0.26	16	16	1.47	490	2	0.16	32	0.07	5	64	0.27	121	66
28	600E–1800S	5	0.2	3.15	7	196	0.5	5	0.97	0.3	47	26	53	77	4.57	0.26	17	19	2.08	959	2	0.12	40	0.07	2	51	0.26	144	76
29	700E–450S	5	0.2	3.48	10	161	0.7	5	0.38	0.2	34	17	46	44	5.18	0.24	18	21	1.13	628	2	0.09	25	0.07	2	32	0.28	150	87
30	500	5	0.2	2.99	10	173	0.6	5	0.42	0.3	40	14	61	53	4.42	0.24	18	18	0.59	652	3	0.06	26	0.08	6	39	0.23	123	104
31	700E–550S	5	0.2	2.53	3	209	0.5	5	0.65	0.2	22	17	46	52	3.46	0.23	11	15	0.98	630	1	0.11	28	0.07	2	44	0.21	101	71
32	700E–600S	5	0.2	2.72	2	228	0.4	5	0.64	0.2	20	21	34	57	4.04	0.25	11	16	2.04	669	1	0.10	34	0.07	2	36	0.24	136	70
33	650	5	0.2	2.98	3	174	0.4	5	0.74	0.2	22	24	31	61	4.51	0.25	11	16	2.76	655	1	0.09	39	0.06	2	39	0.26	153	77
34	700	5	0.2	2.52	4	155	0.4	5	0.66	0.2	23	19	41	58	3.98	0.23	11	15	2.11	544	1	0.09	32	0.07	2	38	0.23	133	62
35	750	5	0.2	1.96	5	207	0.4	5	0.78	0.2	35	17	29	68	2.65	0.19	12	10	0.99	987	1	0.07	25	0.10	2	49	0.15	77	61
36	700E–800S	5	0.2	1.61	7	124	0.3	5	0.30	0.2	23	13	34	31	2.40	0.21	9	9	0.54	699	2	0.18	15	0.03	4	29	0.17	74	59

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
97	700E-850S	5	0.2	1.46	2	96	0.3	5	0.30	0.2	22	7	35	39	2.46	0.19	9	7	0.39	187	1	0.18	13	0.04	2	25	0.18	76	41
98	900	5	0.2	2.35	8	169	0.5	5	0.79	0.2	23	16	43	60	3.27	0.23	13	13	1.06	645	1	0.09	26	0.07	2	46	0.19	95	65
99	950	5	0.2	2.34	4	168	0.4	5	0.92	0.2	24	16	46	53	3.28	0.23	12	13	1.30	574	1	0.10	28	0.06	2	47	0.19	102	59
00	1000	5	0.2	2.68	7	198	0.4	5	0.91	0.3	25	21	58	65	3.72	0.26	13	17	1.92	671	1	0.08	35	0.07	2	43	0.19	120	69
01	700E-1050S	5	0.2	2.76	6	176	0.5	5	0.86	0.2	32	22	45	57	3.98	0.25	14	16	1.85	707	1	0.12	34	0.07	2	48	0.23	130	69
02	700E-1100S *	5	0.2	2.91	9	211	0.5	5	0.96	0.2	36	21	42	68	4.00	0.27	16	17	1.85	745	1	0.11	37	0.08	2	51	0.23	128	75
03	1150 *	5	0.2	2.99	10	222	0.6	5	0.97	0.3	39	22	42	67	4.03	0.28	16	18	1.78	925	2	0.12	38	0.09	3	53	0.23	128	81
04	1200	5	0.2	2.91	10	199	0.5	5	0.84	0.3	42	21	43	59	3.96	0.29	16	18	1.66	729	2	0.11	35	0.08	3	51	0.25	128	77
05	1250	5	0.2	2.93	10	187	0.5	5	0.91	0.2	39	22	43	60	4.12	0.27	17	17	1.88	674	1	0.12	36	0.07	2	50	0.26	137	75
06	700E-1300S	5	0.2	2.75	5	167	0.5	5	0.95	0.2	41	22	42	60	4.17	0.26	16	17	1.99	648	2	0.11	35	0.07	3	47	0.26	142	72
07	700E-1350S	5	0.2	2.61	7	146	0.4	5	0.94	0.3	42	22	47	56	4.22	0.26	16	16	1.91	638	2	0.12	33	0.06	3	50	0.27	146	68
08	1400	5	0.2	2.49	9	145	0.4	5	0.92	0.3	36	20	44	59	3.92	0.24	16	16	1.75	623	2	0.13	33	0.06	4	48	0.25	134	64
09	1450	5	0.2	2.49	8	122	0.4	5	0.87	0.2	33	21	48	54	3.83	0.21	15	15	1.71	591	2	0.12	31	0.05	3	42	0.23	128	63
10	1500	5	0.2	2.85	2	174	0.4	5	0.84	0.2	20	21	41	62	4.32	0.22	12	14	2.17	620	1	0.11	35	0.06	2	44	0.27	148	73
11	700E-1550S	5	0.4	2.38	4	134	0.4	5	1.36	0.2	31	14	43	39	3.22	0.25	13	13	1.00	438	1	0.14	25	0.10	2	54	0.23	100	75
12	700E-1600S *	5	0.2	0.74	6	132	0.3	5	2.46	0.7	34	7	17	30	1.03	0.10	8	5	0.27	534	2	0.04	12	0.09	10	75	0.06	33	143
13	1650	5	0.2	2.22	5	173	0.5	5	1.71	0.2	41	13	38	46	2.78	0.24	14	13	0.91	647	2	0.13	26	0.08	2	66	0.21	89	94
14	1700	5	0.2	3.74	6	267	0.7	5	0.97	0.2	45	18	53	59	4.19	0.35	20	20	1.22	824	2	0.11	40	0.07	3	66	0.30	129	74
15	1750	5	0.2	2.57	5	245	0.6	5	1.68	0.4	51	13	46	58	2.88	0.26	19	13	0.68	587	1	0.14	26	0.11	3	84	0.25	96	88
16	700E-1800S	5	0.2	2.76	6	195	0.6	5	1.32	0.2	48	16	44	46	3.59	0.31	18	15	0.99	531	2	0.15	34	0.08	5	84	0.27	107	83
17	800E-250S	5	0.2	3.82	2	290	0.4	5	0.94	0.3	39	36	36	85	6.05	0.57	17	22	4.08	983	1	0.08	47	0.10	2	32	0.30	208	110
18	300	5	0.2	2.29	4	236	0.4	5	0.86	0.4	27	21	49	37	3.75	0.31	13	14	1.82	636	1	0.10	33	0.09	4	42	0.20	126	98
19	350	5	0.2	3.56	4	421	0.4	5	0.96	0.2	25	34	52	77	5.49	0.65	14	27	3.72	824	1	0.10	60	0.06	2	32	0.23	179	79
20	400	5	0.2	2.66	5	302	0.5	5	0.86	0.4	28	26	32	78	4.37	0.38	13	18	2.70	634	1	0.13	41	0.07	2	38	0.24	146	73
21	800E-450S	5	0.2	2.79	3	213	0.4	5	0.91	0.2	30	28	35	59	5.21	0.41	13	19	3.21	728	1	0.13	47	0.05	2	31	0.24	172	75
22	800E-500S	5	0.2	2.97	4	226	0.4	5	0.92	0.3	34	27	32	78	4.74	0.30	14	18	3.01	729	1	0.11	44	0.08	2	39	0.25	157	84
23	550	5	0.2	2.71	4	186	0.4	5	0.85	0.4	35	24	34	78	4.22	0.27	13	15	2.60	640	1	0.11	39	0.07	2	44	0.24	140	72
24	600	5	0.2	2.90	6	212	0.4	5	0.81	0.4	39	24	33	65	4.33	0.32	14	18	2.55	712	1	0.11	37	0.07	3	43	0.25	145	78
25	650	5	0.4	2.79	14	153	0.5	5	0.67	0.4	39	20	38	62	3.96	0.26	14	15	1.89	463	2	0.11	34	0.08	7	42	0.23	126	74
26	800E-700S	10	0.4	3.76	56	157	1.0	5	0.69	0.2	29	28	57	98	5.52	0.40	19	39	2.66	768	2	0.10	50	0.07	5	45	0.23	172	114
27	800E-750S	5	0.4	2.55	15	193	0.5	5	0.57	0.5	24	17	47	47	3.63	0.40	16	17	1.49	356	2	0.12	30	0.06	8	42	0.22	118	74
28	800	5	0.4	3.10	7	212	0.4	5	0.91	0.4	24	27	43	76	4.92	0.37	15	22	3.07	786	1	0.12	42	0.07	3	45	0.26	161	72
29	850	5	0.4	3.15	6	218	0.4	5	0.91	0.4	22	28	47	84	4.76	0.36	16	20	3.05	877	1	0.11	42	0.08	2	44	0.25	153	78
30	900	5	0.2	3.23	11	251	0.6	5	1.06	0.2	24	23	43	74	4.29	0.35	13	21	2.17	621	1	0.10	42	0.07	2	47	0.25	143	91
31	800E-950S	5	0.2	2.86	2	178	0.4	5	0.81	0.2	16	23	41	69	4.62	0.34	10	17	2.88	493	1	0.10	41	0.06	2	37	0.27	171	68
32	800E-1000S	5	0.2	2.58	5	160	0.4	5	0.73	0.2	18	22	39	70	4.56	0.28	11	15	2.62	516	1	0.09	37	0.06	2	34	0.26	165	63
33	1050	5	0.2	2.50	3	125	0.3	5	0.66	0.2	17	23	41	65	4.88	0.25	10	12	2.61	538	1	0.09	36	0.07	2	30	0.26	173	64
34	1100	5	0.4	2.43	3	134	0.3	5	0.65	0.2	17	21	35	59	4.25	0.20	10	11	2.55	479	1	0.08	36	0.06	2	30	0.24	146	63
35	1150	5	0.4	2.58	4	156	0.3	5	0.79	0.2	21	23	37	70	4.49	0.26	11	13	2.66	611	1	0.09	37	0.06	2	36	0.25	154	65
36	800E-1200S	5	0.2	2.29	4	128	0.3	5	0.81	0.2	25	21	47	61	4.76	0.25	12	11	2.27	590	1	0.10	33	0.05	2	36	0.26	167	60
37	800E-1250S	5	0.2	2.67	3	140	0.3	5	0.86	0.2	25	23	43	65	4.44	0.24	12	14	2.60	614	1	0.10	37	0.07	2	38	0.25	152	65
38	1300	5	0.2	2.28	5	122	0.3	5	0.83	0.2	22	19	40	54	3.80	0.19	10	11	2.23	523	1	0.10	31	0.06	2	36	0.21	130	64
39	1350	5	0.2	2.33	4	105	0.3	5	0.82	0.3	23	20	44	54	3.89	0.17	11	12	2.21	527	1	0.10	31	0.06	2	35	0.22	134	61
40	1400	5	0.2	2.58	2	126	0.4	5	0.99	0.2	26	23	40	60	4.34	0.22	13	14	2.26	704	1	0.13	34	0.06	2	42	0.26	152	72
41	800E-1450S	5	0.2	2.59	2	141	0.4	5	1.02	0.2	28	24	35	69	4.17	0.23	13	15	2.11	753	1	0.12	34	0.07	2	41	0.26	140	71

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
83	800E-1500S	5	0.2	2.32	4	177	0.5	5	1.85	0.3	38	17	33	87	3.14	0.21	15	12	1.39	614	2	0.11	35	0.09	2	71	0.21	102	80
84	1550	5	0.2	2.18	6	148	0.5	5	1.78	0.3	39	16	37	70	3.19	0.23	16	12	1.04	579	2	0.14	29	0.09	2	59	0.23	98	72
85	1600	5	0.2	2.19	4	117	0.4	5	1.48	0.2	39	14	35	40	3.10	0.22	13	12	0.82	524	2	0.16	23	0.06	2	62	0.24	89	69
86	1650	5	0.2	1.91	6	125	0.4	5	1.28	0.2	37	12	33	41	3.03	0.20	14	12	0.74	375	1	0.22	21	0.06	4	51	0.22	86	64
87	800E-1700S	5	0.2	2.60	4	176	0.6	5	1.06	0.2	48	16	42	51	3.33	0.25	18	14	0.84	808	1	0.16	30	0.07	6	55	0.23	97	62
88	800E-1750S	5	0.2	2.74	3	159	0.5	5	1.15	0.2	48	15	50	37	3.91	0.25	17	13	1.00	530	1	0.14	30	0.07	4	74	0.29	127	70
89	900E-350S	5	0.4	3.32	6	125	0.4	5	0.86	0.2	36	27	38	42	5.79	0.31	15	18	3.27	630	1	0.07	42	0.07	2	37	0.30	192	75
90	400	5	0.2	3.17	5	137	0.4	5	0.84	0.2	32	26	41	53	5.16	0.42	14	18	3.14	645	1	0.09	43	0.06	2	38	0.26	172	69
91	450	5	0.2	2.94	2	146	0.3	5	0.80	0.2	28	24	27	66	4.89	0.38	10	17	2.91	666	1	0.10	36	0.06	2	37	0.26	160	68
92	900E-500S	5	0.2	2.86	2	199	0.3	5	0.84	0.2	33	24	31	72	4.90	0.37	12	14	2.90	650	1	0.10	33	0.07	2	41	0.28	169	71
93	900E-550S	5	0.2	2.52	2	122	0.3	5	0.74	0.2	33	19	29	48	4.80	0.25	12	12	2.27	493	1	0.15	29	0.04	2	39	0.26	158	57
94	600 *	5	0.4	2.80	2	204	0.4	5	0.76	0.2	24	22	28	84	4.04	0.27	12	13	2.40	596	1	0.11	34	0.09	2	40	0.24	133	67
95	650 *¤	5	0.2	2.29	6	159	0.3	5	0.74	0.3	25	20	29	81	3.71	0.22	11	11	2.07	502	1	0.10	30	0.08	2	41	0.21	121	69
96	700	5	0.2	2.56	4	127	0.3	5	0.50	0.2	22	21	32	70	4.40	0.19	12	11	2.36	432	1	0.13	32	0.05	2	29	0.26	148	64
97	900E-750S *¤	5	0.2	1.20	6	107	0.2	5	0.40	0.3	25	8	31	36	2.10	0.17	8	6	0.43	179	1	0.14	16	0.11	5	29	0.16	69	65
98	900E-800S	5	0.2	3.27	3	142	0.4	5	0.97	0.3	33	28	42	84	5.29	0.27	14	18	3.41	738	1	0.10	42	0.08	2	42	0.28	185	80
99	850	5	0.2	2.82	3	112	0.3	5	0.96	0.2	32	25	45	66	4.72	0.25	13	15	3.06	694	1	0.09	38	0.07	2	37	0.25	165	71
101	900	5	0.2	2.93	2	126	0.4	5	0.96	0.3	27	26	38	74	4.91	0.22	14	16	3.08	721	1	0.09	39	0.06	2	39	0.26	171	73
102	950	5	0.2	3.08	2	146	0.4	5	1.23	0.2	29	29	32	85	5.21	0.28	14	19	3.43	763	1	0.10	44	0.07	2	37	0.28	179	87
103	900E-1000S	5	0.2	2.70	2	124	0.4	5	1.27	0.2	31	27	31	72	4.78	0.26	13	17	2.76	720	1	0.11	39	0.07	2	38	0.28	162	80
104	900E-1050S	5	0.2	2.59	4	158	0.4	5	1.26	0.2	34	25	32	86	4.23	0.21	13	15	2.42	664	1	0.10	37	0.09	2	40	0.24	141	69
105	1100	5	0.2	2.85	2	146	0.4	5	1.23	0.2	36	27	29	82	4.72	0.24	14	18	2.81	717	1	0.12	41	0.08	2	39	0.28	157	82
106	1150	5	0.2	2.56	6	116	0.4	5	1.05	0.2	33	25	32	68	4.49	0.20	13	16	2.40	687	1	0.13	36	0.07	2	37	0.27	153	72
107	1200	5	0.2	2.53	7	139	0.4	5	1.12	0.2	35	24	32	75	4.37	0.23	14	16	2.18	668	1	0.13	34	0.07	2	41	0.27	147	71
108	900E-1250S	5	0.2	2.65	4	157	0.4	5	1.05	0.2	38	26	35	74	4.21	0.23	15	17	2.12	817	1	0.13	34	0.06	2	42	0.26	138	72
109	900E-1300S	5	0.2	2.95	7	170	0.5	5	1.08	0.3	40	28	40	81	4.40	0.25	16	18	2.08	905	2	0.13	35	0.08	3	47	0.27	144	80
110	1350	5	0.2	2.50	4	136	0.5	5	0.86	0.2	38	22	39	77	3.76	0.22	14	15	1.59	717	2	0.11	30	0.08	3	40	0.22	118	70
111	1400	5	0.2	2.65	2	136	0.4	5	0.91	0.2	24	22	33	71	3.98	0.22	12	14	1.57	748	1	0.13	30	0.06	2	43	0.26	129	69
112	1450	5	0.2	2.85	2	148	0.4	5	1.00	0.2	27	20	38	68	4.28	0.26	13	15	1.60	598	1	0.15	31	0.05	2	48	0.29	140	73
113	900E-1500S	15	0.4	2.57	2	156	0.4	5	1.09	0.2	32	21	35	89	3.74	0.23	13	14	1.42	762	2	0.13	30	0.07	2	49	0.24	119	72
114	900E-1550S	5	0.2	2.54	5	180	0.5	5	1.38	0.3	44	22	36	174	3.54	0.24	15	13	1.10	1126	2	0.13	33	0.09	2	60	0.23	105	80
115	1600	5	0.4	2.62	5	190	0.7	5	1.30	0.2	49	20	38	135	3.68	0.26	22	14	0.95	1038	2	0.17	33	0.06	4	55	0.25	105	123
116	1650	5	0.2	1.66	6	137	0.4	5	2.22	0.2	44	10	34	46	2.33	0.21	13	10	0.50	370	2	0.21	16	0.08	4	70	0.19	74	55
117	1700	5	0.2	1.71	7	189	0.5	5	2.67	0.4	42	12	27	60	2.25	0.19	12	11	0.62	998	2	0.19	22	0.10	4	81	0.16	69	101
118	900E-1750S	5	0.2	1.49	6	171	0.4	5	2.67	0.6	44	13	27	123	2.17	0.15	12	9	0.57	1119	3	0.10	24	0.12	3	83	0.14	61	85
119	900E-1800S	5	0.4	2.48	6	192	0.6	5	1.63	0.2	46	19	43	200	3.46	0.24	16	13	0.87	1081	2	0.13	30	0.12	4	74	0.22	101	83
120	1850	10	0.6	2.81	4	164	0.5	5	1.51	0.3	47	24	44	716	3.98	0.22	16	16	1.36	609	2	0.15	35	0.07	2	59	0.25	119	75
121	1900	10	0.4	2.58	7	124	0.4	5	1.57	0.2	50	18	39	339	3.71	0.24	15	15	1.33	517	2	0.16	29	0.07	2	65	0.27	117	79
122	900E-1950S	10	0.6	2.81	4	161	0.5	5	0.98	0.2	50	27	35	693	3.77	0.23	17	17	1.48	1936	2	0.13	37	0.07	2	44	0.24	117	78
123	1000E-200S	15	0.2	3.89	2	171	0.4	5	0.82	0.2	37	35	39	125	5.60	0.48	13	28	4.16	824	1	0.07	70	0.06	2	39	0.32	184	91
124	1000E-250S	5	0.2	1.54	5	89	0.3	5	0.49	0.2	26	12	29	30	2.86	0.19	9	8	0.98	372	1	0.18	16	0.09	2	29	0.19	84	51
125	300	5	0.2	3.84	6	172	0.5	5	0.69	0.2	31	29	36	93	5.46	0.41	14	22	3.57	732	1	0.07	49	0.07	2	40	0.29	179	78
126	350	5	0.2	3.50	2	160	0.4	5	0.61	0.2	28	30	21	71	5.96	0.51	13	18	4.06	679	1	0.07	40	0.06	2	27	0.30	205	79
127	400	5	0.2	3.71	4	144	0.4	5	0.86	0.2	31	31	35	82	6.15	0.38	13	22	4.17	780	1	0.07	48	0.06	2	36	0.31	202	75
128	1000E-450S	5	0.2	3.59	7	151	0.4	5	0.72	0.2	32	30	33	138	5.40	0.33	14	19	3.75	712	1	0.11	40	0.08	2	37	0.30	183	77

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
129	1000E-500S *¤	5	0.2	1.85	7	131	0.3	5	0.67	0.5	33	18	35	45	2.75	0.17	10	10	1.46	454	2	0.09	24	0.09	3	38	0.16	92	74
130	550	5	0.2	3.46	4	133	0.4	5	0.70	0.2	31	27	47	98	5.18	0.26	14	20	3.60	647	1	0.07	41	0.07	2	36	0.27	177	69
131	600 *¤	5	0.6	3.05	2	158	0.3	5	1.52	0.2	30	25	36	102	4.63	0.23	10	16	3.30	665	1	0.06	42	0.08	2	40	0.22	157	78
132	650	5	0.8	3.16	2	126	0.3	5	0.91	0.2	26	25	39	77	5.00	0.17	11	14	3.24	568	1	0.09	41	0.06	2	31	0.26	171	74
133	1000E-700S	5	0.6	1.77	2	77	0.2	5	0.73	0.2	24	16	27	40	3.42	0.15	8	10	1.82	402	1	0.26	21	0.05	2	25	0.20	111	52
134	1000E-750S	5	0.6	2.69	2	146	0.4	5	1.08	0.2	25	24	30	75	4.40	0.18	12	16	2.70	619	1	0.09	34	0.09	2	34	0.24	146	72
135	800	5	0.6	2.82	2	157	0.4	5	1.06	0.2	26	27	28	80	4.60	0.26	12	18	2.89	647	1	0.10	37	0.10	2	33	0.25	149	77
136	850	5	0.6	2.55	3	123	0.4	5	1.05	0.2	25	25	24	76	4.41	0.19	11	16	2.64	612	1	0.11	34	0.09	2	31	0.24	145	72
137	900	5	0.6	2.42	3	91	0.4	5	0.95	0.2	24	23	28	80	4.67	0.17	11	16	2.53	551	1	0.13	34	0.06	2	28	0.26	157	67
138	1000E-950S	5	0.6	2.73	5	116	0.4	5	0.93	0.2	27	23	31	85	4.85	0.21	12	17	2.55	559	2	0.14	38	0.08	2	31	0.27	158	70
139	1000E-1000S	5	0.6	2.77	3	115	0.4	5	0.70	0.2	31	19	39	70	4.48	0.23	14	15	1.93	457	2	0.15	33	0.04	2	34	0.27	147	65
140	1050	5	0.4	2.71	5	112	0.5	5	0.85	0.4	36	24	37	74	4.19	0.23	14	16	2.00	690	2	0.13	32	0.08	2	36	0.24	134	77
141	1100	5	0.4	2.56	4	134	0.5	5	0.96	0.2	31	22	42	66	4.04	0.24	14	15	1.72	685	1	0.13	31	0.07	2	44	0.25	138	70
142	1150	5	0.4	2.48	8	144	0.5	5	1.00	0.2	31	20	37	69	3.70	0.24	13	15	1.58	631	1	0.12	30	0.07	2	44	0.23	123	73
143	1000E-1200S	5	0.2	2.78	5	140	0.5	5	0.91	0.2	32	21	38	109	4.13	0.34	14	16	1.72	625	2	0.14	32	0.07	2	47	0.26	134	80
144	1000E-1250S	455	1.4	2.46	5	118	0.4	5	1.14	0.2	33	23	36	741	4.43	0.22	13	14	1.43	634	2	0.13	30	0.06	2	42	0.25	130	72
145	1300	60	1.8	2.84	4	141	0.5	5	1.00	0.2	34	27	38	891	4.41	0.25	13	15	1.56	718	1	0.14	35	0.05	2	42	0.27	130	74
146	1350	75	1.6	2.79	7	142	0.4	5	1.13	0.2	33	27	37	682	4.58	0.26	13	16	1.50	693	1	0.14	33	0.05	2	48	0.27	134	79
147	1400	65	2.4	2.78	4	154	0.5	5	1.22	0.2	37	26	34	1226	4.32	0.25	14	16	1.54	697	2	0.13	35	0.07	2	48	0.25	127	81
148	1000E-1450S	60	1.8	2.47	6	129	0.4	5	1.18	0.3	33	23	37	968	3.98	0.23	13	14	1.26	640	2	0.13	30	0.06	2	48	0.23	116	74
152	1000E-1500S	30	1.6	2.64	2	148	0.5	5	1.49	0.3	47	25	44	1048	3.98	0.23	16	16	1.20	713	2	0.14	33	0.07	2	56	0.23	119	82
153	1550	10	0.2	2.48	4	147	0.5	5	1.72	0.5	49	24	40	663	3.54	0.21	15	16	1.23	593	2	0.12	34	0.07	2	53	0.21	109	77
154	1600	20	0.2	2.22	5	132	0.5	5	1.75	0.4	46	20	37	442	3.42	0.20	14	14	1.10	562	2	0.14	29	0.06	2	59	0.21	107	79
155	1650 *¤	5	0.2	1.14	9	89	0.3	5	2.40	0.5	44	12	23	170	1.77	0.12	10	10	0.55	334	2	0.07	16	0.06	3	52	0.11	58	56
156	1000E-1700S	10	0.2	2.15	5	113	0.4	5	1.53	0.3	49	18	40	206	3.52	0.19	14	14	1.13	547	2	0.17	26	0.05	2	60	0.25	113	72
157	1000E-1750S *¤	5	0.2	1.13	10	100	0.4	5	2.61	0.7	54	13	24	519	1.62	0.11	14	9	0.46	430	2	0.06	22	0.07	6	49	0.08	49	63
158	1100E-150S	5	0.2	3.49	2	166	0.4	5	0.61	0.2	23	25	34	49	5.07	0.57	14	25	3.70	481	1	0.07	42	0.08	2	36	0.29	201	85
159	200	5	0.2	3.42	2	192	0.4	5	0.81	0.4	28	28	44	86	5.19	0.52	15	29	3.64	729	1	0.06	46	0.07	2	38	0.29	181	77
160	250	5	0.2	4.27	2	144	0.3	5	0.76	0.2	24	34	41	121	5.97	0.51	14	31	4.69	698	1	0.06	63	0.05	2	30	0.29	192	70
161	1100E-300S	5	0.2	3.12	2	219	0.3	5	0.89	0.2	29	23	51	121	3.86	0.32	13	17	3.04	639	1	0.06	42	0.10	2	45	0.19	133	88
162	1100E-350S	5	0.2	3.97	2	143	0.4	5	0.65	0.2	23	28	56	97	5.51	0.36	12	22	3.75	722	1	0.06	51	0.06	2	37	0.29	191	74
163	400	5	0.2	4.09	2	132	0.4	5	0.73	0.2	23	30	53	93	5.83	0.34	12	22	4.43	722	1	0.08	50	0.06	2	37	0.29	201	78
164	500	5	0.2	3.53	3	112	0.3	5	1.30	0.2	28	30	39	87	5.41	0.28	12	19	3.93	800	1	0.08	53	0.06	2	31	0.27	186	84
165	550	5	0.2	3.35	3	122	0.3	5	1.25	0.2	27	27	42	81	5.18	0.27	12	18	3.79	704	1	0.07	45	0.07	2	32	0.26	180	79
166	1100E-600S	5	0.2	3.49	2	159	0.3	5	1.38	0.2	28	28	42	107	5.15	0.25	11	20	3.79	733	1	0.07	45	0.09	2	32	0.24	180	81
167	1100E-650S	5	0.2	3.65	2	113	0.3	5	0.85	0.2	27	29	42	81	5.65	0.28	13	21	3.92	646	1	0.06	44	0.06	2	30	0.29	203	76
168	700	5	0.2	3.36	2	140	0.4	5	1.06	0.2	27	26	42	59	4.74	0.24	11	19	3.18	729	1	0.09	40	0.07	2	41	0.26	166	80
169	750 *¤	5	0.2	2.15	2	149	0.4	5	0.86	0.2	36	22	35	85	2.95	0.15	14	11	1.47	603	1	0.06	26	0.12	2	36	0.15	93	63
170	800 *¤	5	0.2	2.48	5	113	0.4	5	0.70	0.2	31	22	36	72	3.97	0.17	13	15	1.94	481	1	0.07	33	0.09	2	33	0.22	131	72
171	1100E-850S *¤	5	0.2	1.93	6	146	0.5	5	1.18	0.3	37	20	35	71	2.97	0.16	14	13	1.37	619	2	0.08	28	0.09	2	50	0.16	103	71
172	1100E-900S	5	0.2	2.95	3	150	0.4	5	1.30	0.2	36	26	44	94	4.61	0.23	14	18	2.34	695	1	0.12	37	0.09	2	50	0.25	157	79
173	950	5	0.2	2.86	5	142	0.4	5	1.35	0.2	38	22	46	88	4.61	0.24	14	18	2.03	574	1	0.14	36	0.08	2	52	0.27	157	68
174	1000	5	0.2	3.00	2	146	0.5	5	1.10	0.2	38	23	42	90	4.61	0.20	15	19	2.08	644	1	0.14	37	0.09	2	45	0.27	154	71
175	1050	5	0.2	2.84	2	138	0.4	5	1.41	0.2	39	23	40	85	4.60	0.23	13	18	2.13	675	1	0.12	37	0.08	2	56	0.26	157	72
176	1100E-1100S	5	0.2	2.96	5	135	0.5	5	1.08	0.2	34	23	39	88	4.89	0.23	13	16	2.15	527	1	0.13	41	0.06	2	43	0.29	160	66

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
177	1100E-1150S	5	0.2	2.74	5	138	0.4	5	1.45	0.2	40	21	42	94	4.33	0.24	15	17	1.73	618	2	0.13	36	0.07	2	55	0.26	149	69
178	1200	5	0.2	2.78	5	155	0.5	5	1.76	0.2	41	23	37	370	4.17	0.23	14	19	1.77	636	1	0.12	37	0.08	2	51	0.24	136	82
179	1250 *¤	5	0.2	1.63	8	108	0.4	5	2.60	0.5	43	19	31	1047	2.56	0.12	12	11	1.01	461	2	0.05	25	0.06	3	55	0.12	80	58
180	1300 *¤	5	0.2	1.75	3	90	0.3	5	1.21	0.5	42	15	34	264	2.89	0.16	15	12	1.10	330	2	0.09	24	0.06	2	37	0.16	94	59
181	1100E-1350S	5	0.2	2.85	2	130	0.4	5	1.49	0.2	29	24	58	289	4.33	0.20	12	18	1.87	721	1	0.14	34	0.06	2	49	0.24	147	73
182	1100E-1400S	5	0.2	2.76	2	118	0.4	5	1.51	0.2	31	22	48	295	4.21	0.21	13	17	1.77	614	1	0.14	33	0.06	2	52	0.25	140	68
183	1450	5	0.2	2.45	2	120	0.4	5	1.62	0.2	32	20	40	265	3.86	0.18	11	16	1.65	604	1	0.14	31	0.06	2	49	0.23	129	73
184	1500	5	0.2	2.71	3	113	0.4	5	1.43	0.2	36	22	44	307	4.17	0.19	13	19	1.83	653	1	0.15	36	0.05	2	43	0.24	133	68
185	1550	5	0.2	2.62	5	149	0.5	5	1.73	0.6	39	21	46	336	3.79	0.21	14	17	1.52	782	1	0.14	39	0.07	2	50	0.22	123	67
186	1100E-1600S	5	0.2	2.06	7	112	0.4	5	2.39	0.4	36	16	34	237	2.99	0.15	11	15	1.34	493	2	0.11	30	0.07	2	54	0.17	101	65
187	1100E-1650S	5	0.2	3.12	2	102	0.4	5	1.90	0.2	32	27	40	153	5.11	0.17	11	23	2.82	627	1	0.12	41	0.06	2	41	0.27	174	80
188	1700	5	0.2	2.69	2	98	0.4	5	2.22	0.3	33	24	41	133	4.75	0.21	11	19	2.66	669	1	0.12	38	0.06	2	40	0.25	162	84
189	1750	5	0.2	2.87	2	100	0.4	5	1.82	0.2	33	25	35	119	4.75	0.20	11	20	2.83	596	1	0.10	39	0.06	2	36	0.25	164	80
190	1800	5	0.2	3.14	2	109	0.4	5	1.58	0.2	33	27	40	118	5.20	0.22	12	22	2.96	670	1	0.11	42	0.06	2	37	0.27	178	71
191	1100E-1850S	5	0.2	3.29	5	111	0.5	5	1.68	0.4	37	27	53	146	4.88	0.25	15	24	3.14	598	1	0.12	45	0.07	2	42	0.28	178	74
192	1100E-1900S	5	0.2	3.08	2	122	0.4	5	1.73	0.2	36	26	46	107	5.15	0.25	13	20	2.62	772	1	0.14	41	0.07	2	50	0.29	171	78
193	1950 *¤	5	0.2	1.89	7	171	0.4	5	2.61	0.5	35	31	31	151	4.48	0.16	11	14	1.52	3497	2	0.07	36	0.10	2	52	0.15	103	66
194	1100E-2000S	5	0.2	2.58	2	136	0.5	5	1.60	0.2	41	24	42	130	4.18	0.21	15	15	1.73	830	2	0.14	37	0.08	2	59	0.27	135	62
195	1200E-150S	5	0.2	3.72	2	98	0.4	5	1.50	0.2	33	33	41	107	6.29	0.25	13	22	4.30	737	1	0.09	55	0.06	2	32	0.34	214	90
196	1200E-200S	5	0.2	2.39	4	222	0.4	5	2.04	0.3	40	22	46	60	4.12	0.24	14	17	1.76	644	2	0.15	40	0.09	2	44	0.28	123	89
197	1200E-250S	5	0.2	3.84	2	132	0.4	5	1.80	0.2	34	38	36	89	6.67	0.38	14	25	4.34	992	1	0.11	65	0.07	2	38	0.39	229	115
198	300 *	5	0.2	2.30	3	191	0.4	5	1.33	0.2	35	19	35	80	3.37	0.26	11	13	1.92	777	1	0.12	31	0.12	2	41	0.21	114	65
199	350	5	0.2	3.37	2	85	0.3	5	1.39	0.3	32	29	34	67	5.84	0.26	13	18	3.98	736	1	0.09	48	0.06	2	34	0.31	209	73
201	400	5	0.2	3.14	2	100	0.3	5	1.50	0.2	25	26	43	75	4.74	0.21	9	16	3.54	708	1	0.09	43	0.06	2	31	0.25	168	75
202	1200E-450S	5	0.2	3.35	2	87	0.3	5	1.61	0.2	28	29	42	80	5.46	0.23	11	19	3.84	755	1	0.10	51	0.06	2	32	0.32	193	78
203	1200E-500S	5	0.2	3.41	2	117	0.3	5	1.72	0.2	29	30	36	104	4.99	0.22	11	20	3.92	718	1	0.07	53	0.07	2	31	0.27	171	89
204	550	5	0.2	3.67	2	98	0.3	5	1.40	0.2	26	33	40	106	6.20	0.24	12	22	4.22	718	1	0.09	53	0.06	2	31	0.34	216	83
205	600	5	0.2	3.22	2	101	0.3	5	1.36	0.2	28	29	37	95	5.66	0.24	12	19	3.54	685	1	0.10	46	0.06	2	37	0.32	196	73
206	650	5	0.2	3.70	2	104	0.3	5	1.33	0.2	28	35	37	117	6.20	0.24	13	23	4.37	774	1	0.08	52	0.07	2	28	0.33	216	86
207	1200E-700S	5	0.2	2.64	2	118	0.3	5	1.87	0.3	30	24	37	97	4.45	0.19	11	16	2.87	625	1	0.08	40	0.08	2	41	0.24	156	73
208	1200E-750S	5	0.2	2.73	3	99	0.3	5	1.64	0.2	32	25	36	83	4.90	0.18	11	17	2.98	644	1	0.08	40	0.07	2	36	0.26	171	73
209	800	5	0.2	2.85	5	145	0.4	5	1.55	0.3	35	25	38	99	4.72	0.19	12	16	2.77	703	2	0.09	45	0.09	2	42	0.25	154	79
210	850	5	0.2	2.50	4	128	0.4	5	1.56	0.3	37	21	37	78	4.19	0.19	12	16	2.18	576	2	0.11	38	0.08	2	45	0.24	142	74
211	900	5	0.2	1.95	3	141	0.5	5	1.74	0.5	39	15	43	61	3.00	0.23	12	11	0.93	629	2	0.15	29	0.09	2	44	0.18	87	79
212	1200E-950S	5	0.2	2.48	4	168	0.5	5	1.30	0.6	39	20	45	73	3.67	0.26	13	14	1.35	701	1	0.13	36	0.09	2	52	0.21	113	82
213	1200E-1000S	5	0.2	2.75	2	234	0.5	5	1.15	0.2	38	21	45	55	4.20	0.28	13	18	1.32	837	2	0.20	35	0.07	2	57	0.27	124	85
214	1050	5	0.2	2.80	2	83	0.3	5	1.37	0.2	34	29	45	67	5.47	0.23	13	17	2.75	801	1	0.12	37	0.07	2	34	0.29	191	76
215	1100	5	0.2	2.42	3	116	0.3	5	0.84	0.3	33	18	47	65	4.48	0.21	12	15	1.64	388	1	0.16	31	0.04	2	33	0.28	154	72
216	1150	5	0.2	3.07	3	153	0.5	5	1.66	0.2	41	24	42	108	4.69	0.23	15	20	1.98	634	1	0.19	43	0.07	2	47	0.30	155	70
217	1200E-1200S	5	0.2	2.84	2	114	0.4	5	2.00	0.3	36	27	39	120	4.97	0.23	13	19	2.53	712	2	0.11	41	0.06	2	40	0.26	166	77
218	1200E-1250S	5	0.2	3.08	3	87	0.4	5	1.81	0.2	35	27	40	276	5.21	0.15	12	21	2.90	656	1	0.12	43	0.07	2	32	0.28	181	80
219	1300 *¤	5	0.2	0.46	6	71	0.2	5	3.64	0.5	31	7	12	91	0.67	0.08	6	4	0.21	254	3	0.03	9	0.07	2	50	0.04	27	42
220	1350 *¤	5	0.2	0.47	6	46	0.2	5	2.72	0.5	33	4	13	28	0.68	0.10	5	4	0.21	153	3	0.03	8	0.06	3	45	0.04	24	72
221	1400 *¤	5	0.2	2.27	2	94	0.3	5	1.97	0.2	25	18	49	86	3.48	0.18	9	13	1.69	490	1	0.10	27	0.07	2	47	0.20	129	74
222	1200E-1450S	5	0.2	3.10	2	123	0.4	5	2.01	0.2	28	26	48	122	4.69	0.20	10	21	2.68	726	1	0.13	40	0.07	2	48	0.26	166	93

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
223	1200E-1500S	5	0.2	2.64	3	125	0.4	5	2.09	0.2	33	22	47	115	4.32	0.20	11	17	2.13	620	1	0.15	35	0.07	2	58	0.25	155	76
224	1550 *	5	0.2	2.51	2	117	0.4	5	1.45	0.2	33	22	37	128	4.03	0.16	12	14	1.84	717	1	0.18	33	0.05	2	44	0.23	134	67
225	1600	5	0.2	2.51	3	117	0.5	5	1.66	0.3	37	21	45	111	4.22	0.19	13	15	1.71	579	1	0.17	36	0.06	2	43	0.26	141	70
226	1650	5	0.2	2.51	7	117	0.4	5	2.03	0.2	42	19	41	85	4.08	0.19	13	18	1.77	512	1	0.16	33	0.07	2	55	0.25	140	61
227	1200E-1700S *¤	5	0.2	2.22	5	114	0.4	5	2.42	0.4	41	20	37	120	3.50	0.15	12	17	1.75	580	2	0.13	32	0.07	2	64	0.20	120	67
228	1200E-1750S	5	0.2	2.59	6	115	0.4	5	2.03	0.2	44	21	40	133	4.20	0.21	14	19	2.00	596	2	0.14	37	0.07	2	66	0.25	143	74
229	1800 *¤	5	0.2	0.68	10	90	0.3	6	3.92	0.6	38	9	17	124	1.19	0.09	9	8	0.50	437	4	0.04	19	0.07	2	80	0.05	36	48
230	1850	5	0.2	0.86	21	300	0.4	5	2.05	0.6	39	63	20	56	11.21	0.10	12	7	0.47	7118	9	0.05	27	0.08	2	56	0.06	92	44
231	1200E-1900S *¤	5	0.2	0.86	10	192	0.4	5	3.27	0.6	42	22	21	86	1.65	0.13	11	8	0.48	3109	4	0.06	27	0.10	3	73	0.07	42	95
232	1300E-200S	5	0.2	3.96	4	267	0.6	5	2.12	1.2	55	36	49	150	6.51	0.27	26	28	2.23	1059	12	0.26	102	0.06	2	78	0.38	173	168
233	1300E-250S	5	0.2	2.84	12	417	0.6	5	8.74	0.4	17	20	50	80	3.58	0.25	15	21	1.31	795	4	0.15	45	0.09	2	98	0.26	131	90
234	300	5	0.2	4.20	2	162	0.4	5	2.77	0.2	33	43	26	95	8.07	0.62	14	33	5.04	751	1	0.11	60	0.07	2	34	0.45	247	95
235	350	5	0.2	3.35	2	166	0.3	5	1.72	0.2	37	29	43	77	6.68	0.32	16	23	3.53	715	1	0.12	48	0.06	2	36	0.35	228	78
236	400 *¤	5	0.2	1.87	3	144	0.3	5	2.72	0.5	34	18	30	67	3.37	0.18	10	14	1.77	561	2	0.07	29	0.07	2	38	0.18	114	61
237	1300E-450S	5	0.2	3.22	2	150	0.4	5	2.67	0.3	43	26	37	76	5.48	0.31	16	20	3.32	646	2	0.13	38	0.06	2	52	0.32	193	67
238	1300E-500S	5	0.2	3.96	2	163	0.4	5	2.35	0.2	36	33	34	103	6.02	0.33	14	26	4.34	719	1	0.10	49	0.07	2	39	0.33	209	89
239	550	5	0.2	3.70	2	148	0.4	5	2.38	0.3	39	30	34	93	5.77	0.35	15	24	3.87	675	1	0.11	46	0.07	2	43	0.33	205	88
240	600	5	0.2	3.59	2	141	0.4	5	2.39	0.3	39	30	33	95	5.40	0.38	14	24	3.87	671	1	0.09	46	0.07	2	39	0.30	188	87
241	650	5	0.2	4.52	2	50	0.8	5	2.35	0.2	32	46	60	190	7.34	0.52	12	23	2.28	1128	1	0.05	50	0.07	2	70	0.19	244	71
242	1300E-700S *¤	5	0.2	2.68	2	185	0.4	5	1.17	0.2	32	20	34	51	4.23	0.30	14	20	2.33	618	1	0.13	30	0.09	2	53	0.26	145	61
243	1300E-750S	5	0.2	1.65	4	90	0.4	5	1.25	0.2	35	10	33	40	2.64	0.17	10	13	0.64	379	1	0.29	15	0.06	2	34	0.21	76	57
244	800	5	0.2	3.34	3	155	0.5	5	1.80	0.3	45	24	42	199	4.48	0.23	16	24	2.04	687	1	0.15	41	0.09	2	47	0.28	146	82
245	850	5	0.2	2.95	2	104	0.4	5	2.14	0.2	43	27	46	217	4.21	0.16	14	20	1.54	557	1	0.15	40	0.07	2	53	0.26	131	58
246	900	5	0.2	2.84	6	117	0.4	5	2.88	0.3	43	26	44	195	4.52	0.20	14	20	2.08	695	1	0.15	41	0.09	2	52	0.26	143	67
247	1300E-950S	5	0.2	3.14	5	116	0.5	5	3.13	0.2	40	29	47	229	5.13	0.24	15	22	2.57	804	1	0.18	50	0.08	2	54	0.31	164	74
248	1300E-1000S	5	0.2	2.37	7	107	0.5	5	3.07	0.5	35	22	43	188	3.66	0.18	14	17	1.53	597	2	0.12	40	0.10	2	48	0.23	115	64
249	1050 *¤	5	0.2	2.31	7	86	0.4	5	1.84	0.9	35	21	47	87	3.75	0.19	13	18	1.40	486	2	0.14	34	0.06	2	36	0.25	120	72
251	1100 *	5	0.2	2.56	8	103	0.5	5	2.46	0.4	42	22	51	168	3.75	0.18	16	18	1.57	638	2	0.17	41	0.08	2	51	0.24	125	69
252	1150	5	0.2	2.74	9	131	0.5	5	2.84	0.5	41	23	46	156	3.82	0.20	15	20	1.61	707	1	0.17	45	0.09	2	57	0.24	127	77
253	1300E-1200S *¤	5	0.2	1.61	7	78	0.3	5	2.50	0.4	36	15	32	78	2.44	0.14	11	11	0.96	392	2	0.10	24	0.07	2	41	0.15	80	72
254	1300E-1250S	5	0.2	2.73	4	129	0.4	5	2.38	0.2	37	21	48	126	3.93	0.21	14	17	1.50	674	1	0.19	40	0.07	2	58	0.27	128	71
255	1300	5	0.2	2.96	4	137	0.5	5	2.43	0.4	43	24	46	132	3.99	0.22	16	21	1.50	749	1	0.19	45	0.08	2	55	0.27	125	78
256	1350	5	0.2	2.76	5	147	0.5	5	2.35	0.3	42	19	44	102	3.67	0.22	16	17	1.24	731	1	0.20	38	0.07	2	58	0.26	115	78
257	1400	5	0.2	2.43	4	141	0.4	5	2.64	0.5	40	17	40	86	3.24	0.20	14	16	1.15	587	1	0.17	37	0.08	2	55	0.23	104	73
258	1300E-1450S	5	0.2	2.44	3	138	0.4	5	2.60	0.4	39	18	38	90	3.20	0.20	14	16	1.17	590	1	0.15	35	0.08	2	51	0.22	99	76
259	1300E-1500S	5	0.2	2.41	5	144	0.4	5	2.54	0.6	42	17	41	84	3.22	0.20	14	15	1.14	598	1	0.16	35	0.08	2	54	0.23	102	77
260	1550	5	0.2	2.76	8	158	0.5	5	2.45	0.4	46	19	44	87	3.71	0.22	17	17	1.28	691	1	0.18	38	0.07	2	62	0.27	119	75
261	1600	5	0.2	2.48	2	149	0.4	5	2.24	0.2	34	16	43	73	3.41	0.21	13	15	1.07	629	1	0.16	30	0.07	2	59	0.24	108	75
262	1650	5	0.2	2.17	2	140	0.4	5	2.45	0.2	35	14	37	61	2.93	0.21	12	13	0.88	504	1	0.13	27	0.08	2	58	0.21	89	82
263	1300E-1700S	5	0.2	2.42	2	150	0.4	5	2.36	0.2	37	15	40	71	3.41	0.22	13	15	1.03	589	1	0.15	30	0.07	2	59	0.25	107	78
264	1300E-1750S	5	0.2	2.66	3	150	0.5	5	2.27	0.2	43	17	39	74	3.76	0.22	15	16	1.11	613	1	0.17	32	0.07	2	62	0.28	118	72
265	1800	5	0.2	2.61	2	145	0.5	5	2.12	0.2	45	16	39	66	3.43	0.22	15	16	1.08	475	1	0.17	28	0.07	2	67	0.29	118	70
266	1300E-1850S	5	0.2	2.52	3	147	0.5	5	2.05	0.2	48	16	33	69	3.48	0.22	16	16	1.01	570	1	0.15	27	0.07	2	60	0.26	114	65
267	1400E-200S	5	0.2	3.30	12	1105	0.6	5	2.28	0.5	49	19	38	75	4.05	0.22	24	24	1.50	832	3	0.13	46	0.09	2	59	0.27	131	92
268	1400E-250S	5	0.2	2.95	10	606	0.6	5	8.38	0.3	38	19	34	72	3.66	0.24	14	24	1.66	734	3	0.12	43	0.08	2	95	0.24	130	81

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
269	1400E-300S	5	0.2	4.13	2	180	0.4	5	2.09	0.2	36	33	30	75	6.53	0.43	13	29	4.18	719	1	0.15	52	0.06	2	38	0.42	222	89
270	350	5	0.2	4.45	2	158	0.4	5	1.99	0.2	40	30	40	83	6.14	0.46	15	28	3.97	734	1	0.19	50	0.07	2	53	0.36	209	85
271	400	5	0.2	3.55	4	188	0.5	5	1.62	0.2	49	28	50	68	5.50	0.31	16	22	3.14	696	2	0.15	43	0.05	2	58	0.30	190	73
272	450	5	0.4	4.52	2	155	0.5	5	0.93	0.2	40	37	38	104	6.08	0.36	13	30	4.31	892	1	0.09	55	0.10	2	40	0.29	203	93
273	1400E-500S	5	0.2	3.42	2	129	0.4	5	0.89	0.2	35	27	34	72	5.25	0.32	12	23	3.09	732	1	0.11	41	0.08	2	41	0.28	181	69
274	1400E-550S	5	0.2	3.69	2	156	0.5	5	1.09	0.2	32	28	36	95	5.08	0.33	13	26	2.64	738	1	0.09	42	0.10	2	48	0.27	169	80
275	600	5	0.2	3.36	2	181	0.5	5	1.19	0.2	35	25	38	82	4.91	0.36	14	21	2.09	788	2	0.12	40	0.12	2	56	0.30	157	80
276	650	5	0.2	3.19	4	177	0.5	5	1.22	0.2	34	21	35	63	4.63	0.30	12	22	1.90	613	2	0.16	37	0.10	2	51	0.29	151	78
277	700	5	0.2	2.28	4	183	0.4	5	2.17	0.4	41	15	25	63	2.91	0.23	13	16	1.26	631	2	0.11	27	0.10	3	61	0.19	102	60
278	1400E-750S	5	0.2	0.88	16	86	0.5	5	9.62	0.5	19	8	14	30	1.78	0.09	8	7	5.85	1653	2	0.06	10	0.09	2	40	0.07	53	45
279	1400E-800S	5	0.2	2.84	4	160	0.5	5	1.77	0.2	40	17	29	46	3.49	0.19	14	19	1.63	533	1	0.13	27	0.08	2	46	0.26	127	68
280	850	5	0.2	1.66	6	105	0.4	5	1.70	0.4	41	10	26	39	2.19	0.15	11	11	0.68	235	2	0.09	17	0.11	5	43	0.16	74	56
281	900	5	0.2	2.45	6	169	0.5	5	2.00	0.2	31	16	32	74	3.19	0.21	12	16	1.18	539	1	0.11	30	0.10	2	50	0.20	109	63
282	950	5	0.2	2.63	3	203	0.5	5	2.22	0.2	38	17	30	73	3.44	0.21	14	17	1.23	663	2	0.12	30	0.08	2	53	0.23	116	70
283	1400E-1000S	5	0.2	2.72	3	168	0.5	5	2.21	0.3	39	19	37	100	3.86	0.22	16	17	1.33	626	2	0.15	34	0.08	2	55	0.27	132	72
284	1400E-1050S	5	0.2	3.00	4	157	0.5	5	1.81	0.3	42	21	42	108	4.10	0.19	17	20	1.40	588	2	0.15	38	0.08	2	46	0.28	139	77
285	1100	5	0.2	2.58	9	163	0.5	5	2.28	0.3	43	18	32	84	3.48	0.19	14	18	1.20	564	2	0.13	33	0.08	2	49	0.24	118	74
286	1150	5	0.2	2.42	8	139	0.5	5	2.39	0.3	42	17	35	72	3.38	0.20	13	16	1.22	541	2	0.15	32	0.07	2	55	0.24	113	71
287	1200	5	0.2	2.64	6	154	0.5	5	2.48	0.3	42	18	39	79	3.59	0.21	15	17	1.26	592	2	0.16	35	0.07	2	56	0.26	122	76
288	1400E-1250S	5	0.2	2.58	7	145	0.5	5	2.16	0.4	46	17	38	67	3.54	0.21	16	17	1.19	558	2	0.17	33	0.06	3	58	0.27	121	69
289	1400E-1300S	5	0.2	2.75	8	135	0.5	5	2.22	0.3	45	17	51	65	3.92	0.22	15	17	1.32	522	2	0.19	35	0.06	2	66	0.30	135	74
290	1350	5	0.2	2.52	5	155	0.5	5	2.25	0.4	46	17	34	77	3.34	0.20	15	18	1.15	567	2	0.12	32	0.08	4	48	0.23	114	78
291	1400	5	0.2	2.41	8	145	0.6	5	2.33	0.4	48	18	38	78	3.20	0.20	16	18	1.12	558	2	0.14	32	0.07	3	53	0.22	110	73
292	1450	5	0.2	2.73	9	164	0.5	5	2.65	0.2	44	19	37	93	3.57	0.21	16	19	1.28	649	2	0.14	38	0.09	2	54	0.23	117	86
293	1400E-1500S	5	0.2	2.44	5	140	0.5	5	2.47	0.2	42	17	37	77	3.40	0.21	13	16	1.11	746	2	0.16	32	0.07	2	58	0.25	111	81
294	1400E-1550S	5	0.2	2.45	4	141	0.4	5	2.15	0.2	44	17	35	63	3.31	0.22	14	15	1.12	576	2	0.17	31	0.06	2	61	0.25	108	71
295	1600	5	0.2	2.42	4	127	0.5	5	2.02	0.2	42	16	36	59	3.37	0.20	14	14	1.08	523	1	0.17	29	0.06	2	61	0.26	114	67
296	1650	5	0.2	2.39	6	134	0.5	5	2.03	0.3	48	17	34	70	3.32	0.20	15	16	1.13	563	2	0.15	32	0.07	3	54	0.25	108	69
297	1700	5	0.2	2.59	6	147	0.5	5	1.99	0.2	53	18	34	71	3.42	0.21	17	18	1.12	542	2	0.14	33	0.07	4	53	0.24	111	79
298	1400E-1750S	5	0.2	2.47	3	174	0.5	5	1.70	0.2	47	15	31	56	3.04	0.23	16	14	0.79	599	2	0.12	24	0.08	2	73	0.22	98	66
2	1500E-250S	5	0.2	2.03	12	192	0.4	5	2.50	0.5	38	14	37	50	2.85	0.23	13	12	0.86	637	3	0.11	31	0.08	3	48	0.20	95	72
3	300	5	0.2	3.15	10	193	0.4	5	1.32	0.2	33	20	40	73	4.14	0.37	14	21	2.40	610	2	0.10	39	0.08	2	36	0.21	129	78
4	350	5	0.2	3.95	4	140	0.4	5	0.67	0.2	27	26	47	138	5.45	0.50	13	25	3.41	808	1	0.08	44	0.07	2	36	0.29	184	70
5	400	5	0.2	4.13	6	138	0.4	5	1.13	0.2	28	31	43	82	5.68	0.33	12	26	2.92	767	1	0.15	59	0.05	2	43	0.27	173	77
6	1500E-450S	5	0.2	2.44	7	139	0.3	5	0.84	0.2	26	20	43	54	3.91	0.24	11	14	1.91	583	1	0.11	30	0.12	2	45	0.23	131	63
7	1500E-500S	5	0.2	3.92	4	137	0.5	5	0.92	0.2	27	29	48	93	5.47	0.34	13	27	2.97	686	1	0.10	48	0.09	2	41	0.27	173	75
8	550	5	0.2	3.22	4	135	0.4	5	0.95	0.2	29	19	51	68	4.53	0.30	12	21	2.04	547	1	0.09	35	0.08	2	41	0.26	151	66
9	600	5	0.2	2.67	6	139	0.5	5	0.60	0.2	28	14	46	48	3.83	0.21	12	16	1.06	404	2	0.17	25	0.06	3	38	0.22	112	62
10	650	5	0.2	3.71	7	190	0.6	5	0.83	0.2	32	22	55	65	4.60	0.30	15	23	1.75	634	1	0.09	39	0.07	2	42	0.25	143	74
11	1500E-700S *	5	0.2	2.65	6	178	0.4	5	1.21	0.2	30	19	44	61	3.84	0.29	10	17	1.69	719	1	0.09	33	0.11	2	57	0.23	125	90
12	1500E-750S	5	0.2	2.91	3	169	0.6	5	0.54	0.4	35	19	38	87	3.77	0.19	13	14	1.16	965	1	0.15	34	0.06	2	33	0.23	106	84
13	800	5	0.2	2.96	6	179	0.6	5	0.57	0.2	35	17	42	48	4.04	0.19	13	15	0.94	551	1	0.14	30	0.06	3	42	0.26	117	70
14	850	5	0.2	2.46	5	112	0.5	5	0.42	0.2	27	12	39	37	3.82	0.15	11	15	0.71	405	2	0.14	19	0.08	3	28	0.26	112	78
15	900	5	0.2	2.88	6	132	0.6	5	0.38	0.4	31	18	44	55	4.19	0.16	14	15	0.97	459	1	0.11	29	0.07	3	29	0.28	129	74
16	1500E-950S	5	0.2	2.10	9	122	0.4	5	0.36	0.2	33	14	32	32	3.14	0.12	13	12	0.64	366	1	0.21	20	0.06	5	25	0.21	92	58

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
17	1500E-1000S	5	0.2	1.30	7	69	0.3	5	0.35	0.3	27	7	29	21	2.14	0.15	9	8	0.36	225	1	0.28	11	0.04	5	24	0.15	58	45
18	1050	5	0.2	1.02	7	53	0.3	5	0.28	0.2	22	6	23	17	2.03	0.10	7	7	0.31	181	1	0.27	8	0.05	4	18	0.14	51	35
19	1100	5	0.2	1.18	6	126	0.3	5	0.69	0.6	32	7	32	31	2.05	0.16	9	7	0.37	269	2	0.18	14	0.06	5	43	0.15	58	49
20	1150	5	0.2	1.69	6	144	0.3	5	0.60	0.3	36	11	29	36	2.34	0.16	12	10	0.48	245	2	0.08	17	0.08	6	36	0.15	72	52
21	1500E-1200S	5	0.2	2.88	10	191	0.6	5	1.24	0.2	52	20	37	68	3.78	0.19	20	19	1.04	670	2	0.11	31	0.09	4	59	0.26	122	65
22	1500E-1250S	5	0.2	2.77	7	184	0.5	5	1.17	0.2	45	18	36	61	3.73	0.21	17	18	1.00	590	2	0.11	28	0.07	3	57	0.26	120	72
23	1300	5	0.2	3.07	5	198	0.5	5	1.20	0.2	44	20	35	66	4.15	0.22	17	19	1.11	630	2	0.12	32	0.08	2	60	0.28	133	76
24	1350	5	0.2	2.90	8	177	0.5	5	1.10	0.2	42	19	34	62	3.99	0.22	15	18	1.03	591	2	0.13	30	0.07	2	58	0.28	126	65
25	1400	5	0.2	2.75	9	190	0.5	5	0.92	0.2	41	16	40	61	3.70	0.24	15	16	0.93	451	2	0.13	27	0.09	4	56	0.26	120	75
26	1500E-1450S	5	0.2	2.95	5	202	0.5	5	1.09	0.2	46	18	39	59	3.71	0.25	17	18	1.08	594	1	0.13	29	0.08	4	59	0.26	120	69
27	1500E-1500S	5	0.2	3.01	8	181	0.5	5	1.16	0.2	46	21	41	61	4.20	0.21	16	19	1.29	629	2	0.13	32	0.07	3	58	0.28	136	69
28	1550	5	0.2	2.96	8	178	0.5	5	1.71	0.2	51	20	45	69	4.16	0.26	17	19	1.35	657	2	0.14	33	0.08	2	67	0.27	136	77
29	1600	5	0.2	2.77	7	169	0.5	5	1.77	0.2	49	19	45	57	3.88	0.25	15	19	1.25	599	2	0.12	30	0.07	4	66	0.25	128	81
30	1650	5	0.2	3.00	7	170	0.5	5	1.67	0.2	49	20	53	60	4.31	0.25	15	22	1.71	499	2	0.12	34	0.06	3	61	0.26	142	75
31	1500E-1700S	5	0.2	2.78	4	180	0.5	5	1.70	0.2	49	17	43	51	3.77	0.26	14	16	1.06	601	2	0.13	27	0.08	2	67	0.27	122	71
32	1500E-1750S	5	0.2	2.60	4	161	0.5	5	1.64	0.2	52	16	43	50	3.60	0.23	14	15	1.05	544	2	0.12	26	0.08	2	69	0.27	118	72
33	1800	5	0.2	3.38	6	182	0.6	5	1.03	0.2	51	18	45	49	4.36	0.26	16	18	1.19	465	2	0.15	31	0.05	3	61	0.33	143	71
34	1850	5	0.2	2.07	8	134	0.5	5	2.13	0.2	42	14	33	50	2.73	0.21	13	13	0.73	408	2	0.09	22	0.08	3	75	0.19	86	62
35	1500E-1900S *DUP	5	0.2	0.96	4	95	0.2	5	0.89	0.5	33	6	28	28	1.42	0.15	9	5	0.23	223	3	0.05	13	0.09	5	42	0.10	44	74
36	1600E-150S	5	0.2	4.43	5	179	0.5	5	0.85	0.2	31	31	55	98	6.28	0.74	14	30	3.50	828	1	0.09	56	0.07	2	44	0.37	214	85
37	1600E-200S	5	0.2	4.21	3	211	0.4	5	1.10	0.2	31	35	37	91	6.67	0.53	14	34	4.75	820	1	0.11	60	0.06	2	44	0.33	212	84
38	250	5	0.2	3.80	4	145	0.4	5	0.98	0.2	34	31	48	81	6.13	0.53	14	27	4.25	690	1	0.10	57	0.06	2	35	0.33	205	72
39	300	5	0.2	3.67	6	157	0.5	5	0.99	0.2	38	29	59	73	5.82	0.48	15	26	3.25	718	1	0.11	50	0.08	2	44	0.31	191	81
40	350	5	0.2	3.21	5	134	0.4	5	1.00	0.2	35	25	57	48	5.26	0.40	14	22	3.20	644	2	0.10	41	0.06	2	39	0.29	184	79
41	1600E-400S	5	0.2	3.29	7	275	0.7	5	0.90	0.2	51	23	51	72	5.16	0.32	18	22	1.40	770	2	0.11	35	0.10	5	55	0.35	167	112
42	1600E-450S	5	0.2	2.36	7	162	0.5	5	0.54	0.2	39	11	50	36	3.83	0.22	13	14	0.69	459	2	0.20	18	0.08	6	42	0.28	123	76
43	500	5	0.2	3.06	5	214	0.6	5	0.61	0.2	34	16	46	49	4.27	0.26	14	17	0.96	512	2	0.16	27	0.07	6	48	0.28	126	77
44	550	5	0.2	3.87	6	223	0.7	5	0.84	0.2	44	21	49	56	4.95	0.35	17	19	1.32	607	2	0.11	37	0.06	2	56	0.35	154	79
45	600	5	0.2	4.32	7	266	0.8	5	0.65	0.2	40	24	49	71	5.46	0.30	19	24	1.42	864	2	0.08	38	0.07	5	49	0.34	165	92
46	1600E-650S	5	0.2	2.03	5	166	0.5	5	0.56	0.6	33	15	34	45	2.87	0.17	12	8	0.57	1188	2	0.27	22	0.06	5	40	0.20	76	101
47	1600E-700S	5	0.2	1.40	2	88	0.3	5	0.34	0.2	21	8	32	29	2.52	0.14	8	7	0.42	278	1	0.26	15	0.04	3	24	0.19	70	57
48	750	5	0.2	2.10	3	165	0.4	5	0.59	0.2	28	13	39	30	3.17	0.17	12	10	0.57	653	1	0.26	18	0.10	4	40	0.22	87	70
49	800	5	0.2	1.26	3	72	0.3	5	0.38	0.2	20	8	21	27	2.42	0.13	8	8	0.47	244	1	0.36	11	0.03	3	24	0.17	64	41
51	850	5	0.2	1.55	4	85	0.3	5	0.49	0.2	18	9	27	28	2.83	0.14	7	9	0.53	344	1	0.26	14	0.05	2	34	0.20	76	51
52	1600E-900S	5	0.2	3.00	2	177	0.6	5	0.43	0.2	29	16	46	55	4.82	0.19	14	17	0.86	551	2	0.11	28	0.07	2	37	0.34	148	86
53	1600E-950S	5	0.2	1.57	2	72	0.3	5	0.37	0.2	21	9	25	21	2.79	0.11	9	10	0.52	338	2	0.34	13	0.05	3	24	0.20	73	55
54	1000	5	0.2	2.11	2	93	0.4	5	0.42	0.2	26	10	35	29	3.27	0.14	10	11	0.58	320	1	0.27	17	0.04	3	31	0.24	90	62
55	1050	5	0.2	2.91	6	124	0.5	5	0.85	0.4	36	21	40	49	4.49	0.14	13	19	1.44	749	2	0.17	32	0.06	2	41	0.30	143	150
56	1100	5	0.2	2.33	5	170	0.4	5	0.62	0.2	32	16	38	37	3.92	0.20	12	17	1.02	526	2	0.24	22	0.05	3	38	0.28	125	68
57	1600E-1150S	5	0.2	1.98	6	121	0.5	5	0.53	0.4	30	14	44	76	3.01	0.24	15	9	0.48	626	3	0.13	22	0.09	6	39	0.22	96	93
58	1600E-1200S	5	0.2	0.75	5	37	0.2	5	0.38	0.2	15	6	13	12	1.92	0.11	8	7	0.40	164	1	0.43	6	0.02	3	22	0.14	51	33
59	1250	5	0.2	3.04	7	164	0.5	5	1.10	0.2	31	21	42	63	4.30	0.25	17	21	1.61	663	2	0.14	34	0.08	3	50	0.27	141	77
60	1300	5	0.2	2.54	9	137	0.4	5	1.05	0.3	31	16	49	54	3.97	0.23	14	17	1.47	441	2	0.14	31	0.04	3	50	0.26	138	67
61	1350	5	0.2	2.41	8	142	0.4	5	1.62	0.3	38	17	31	59	3.56	0.20	14	18	1.32	480	2	0.10	29	0.07	2	57	0.23	117	64
62	1600E-1400S	5	0.2	2.85	6	126	0.5	5	1.28	0.2	39	20	35	63	4.02	0.29	16	21	1.48	505	2	0.13	32	0.06	2	48	0.27	131	72

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
63	1600E-1450S	5	0.2	3.00	6	126	0.5	5	0.96	0.2	37	20	39	58	4.25	0.23	15	21	1.48	487	2	0.13	32	0.06	2	46	0.29	139	73
64	1500	5	0.2	3.11	4	120	0.5	5	0.97	0.2	38	20	34	60	4.35	0.21	15	21	1.53	428	2	0.14	33	0.04	3	46	0.30	142	72
65	1550	5	0.2	2.57	5	147	0.4	5	1.19	0.2	39	17	32	47	3.67	0.21	14	16	1.20	565	2	0.14	27	0.06	2	56	0.26	120	64
66	1600	5	0.2	2.67	7	173	0.5	5	1.16	0.2	42	19	34	55	3.68	0.22	15	17	1.19	665	2	0.13	29	0.07	3	52	0.25	119	67
67	1600E-1650S	5	0.2	2.54	5	146	0.4	5	0.97	0.2	36	17	33	42	3.51	0.17	13	16	1.09	490	2	0.13	25	0.05	4	48	0.24	115	60
68	1600E-1700S	5	0.2	2.35	6	120	0.4	5	0.94	0.2	35	15	37	35	3.41	0.25	13	15	1.04	452	2	0.13	24	0.04	3	51	0.25	113	63
69	1750	5	0.2	2.40	2	141	0.4	5	1.09	0.2	40	16	41	43	3.36	0.20	14	15	1.02	554	2	0.13	25	0.06	3	52	0.24	109	59
70	1600E-1850S	5	0.2	2.31	6	171	0.4	5	1.48	0.3	44	15	35	47	3.04	0.22	14	15	0.96	561	3	0.10	25	0.08	6	55	0.19	100	83
71	1700E-150S	5	0.4	3.32	2	152	0.4	5	0.81	0.2	18	27	34	43	5.57	0.50	11	23	2.57	717	1	0.07	43	0.07	2	36	0.36	172	89
72	1700E-200S	5	0.4	3.99	2	163	0.6	5	0.93	0.2	29	22	37	38	4.83	0.30	12	21	1.88	781	1	0.13	44	0.09	2	35	0.30	148	88
73	1700E-250S	5	0.4	2.46	3	156	0.4	5	0.72	0.2	29	23	43	51	3.61	0.25	12	14	1.31	811	2	0.13	29	0.13	3	42	0.22	113	67
74	300	5	0.4	2.62	6	163	0.4	5	0.91	0.2	32	21	44	43	4.30	0.27	12	17	1.91	1012	2	0.09	35	0.13	2	42	0.27	141	72
75	350	40	0.4	4.11	7	180	0.6	5	0.87	0.2	38	29	35	100	5.47	0.33	15	28	2.79	703	2	0.09	50	0.09	2	39	0.30	164	84
76	400	5	0.6	3.43	6	184	0.6	5	1.06	0.2	44	23	47	65	5.03	0.34	17	22	1.86	768	2	0.11	39	0.09	3	55	0.33	164	83
77	1700E-450S	5	0.6	2.70	4	185	0.5	5	0.97	0.2	45	20	38	65	3.57	0.26	16	18	1.24	633	2	0.10	29	0.14	5	50	0.22	114	69
78	1700E-500S	5	0.2	2.92	6	188	0.5	5	0.74	0.2	42	17	48	52	4.17	0.29	15	18	1.24	562	2	0.11	29	0.07	6	43	0.28	136	68
79	550	5	0.2	1.62	7	141	0.4	5	0.50	0.4	34	11	32	30	2.64	0.16	12	10	0.59	610	2	0.24	17	0.05	5	34	0.18	74	76
80	600	5	0.2	2.73	10	158	0.5	5	0.57	0.2	42	14	47	40	3.95	0.22	16	17	0.86	374	2	0.12	25	0.06	5	41	0.25	116	74
81	650	5	0.2	1.82	6	146	0.4	5	0.48	0.2	37	11	34	34	2.86	0.16	11	10	0.55	522	1	0.28	17	0.05	5	34	0.19	77	73
82	1700E-700S	5	0.2	3.57	7	228	0.7	5	0.54	0.2	44	20	35	49	4.47	0.23	16	19	1.16	515	1	0.17	29	0.06	5	45	0.28	131	73
83	1700E-750S	5	0.2	1.93	4	165	0.4	5	0.42	0.3	23	13	37	41	2.85	0.15	10	8	0.57	627	1	0.24	20	0.05	4	32	0.21	79	78
84	800	5	0.2	2.29	4	209	0.5	5	0.97	0.2	32	15	31	50	2.92	0.18	13	11	0.76	406	2	0.10	21	0.09	2	71	0.20	88	62
85	850	5	0.2	3.20	5	231	0.6	5	1.21	0.2	36	20	39	69	4.26	0.31	15	20	1.43	653	1	0.13	32	0.09	2	58	0.28	137	74
86	900	5	0.2	3.02	4	225	0.5	5	1.35	0.2	38	19	47	66	4.33	0.31	15	18	1.39	615	2	0.13	31	0.10	2	61	0.29	141	76
87	1700E-950S	5	0.2	1.86	7	130	0.4	5	0.36	0.2	26	11	44	41	3.01	0.19	10	8	0.52	278	1	0.14	22	0.09	6	29	0.22	90	54
88	1800E-100S	5	0.2	2.59	9	169	0.4	5	1.92	0.2	34	20	46	48	3.87	0.34	11	16	1.83	1012	2	0.15	40	0.09	2	49	0.26	128	73
89	150	5	0.4	4.15	2	142	0.4	5	1.08	0.2	32	30	53	77	5.57	0.42	12	35	3.39	853	1	0.11	50	0.08	2	38	0.27	182	76
90	200	5	0.2	3.07	7	126	0.5	5	0.84	0.2	37	23	43	107	5.37	0.26	15	18	2.16	695	1	0.08	33	0.09	2	40	0.31	181	77
91	250	5	0.4	4.00	2	159	0.6	5	0.79	0.2	28	29	37	85	6.30	0.30	15	25	2.58	834	1	0.08	43	0.09	2	41	0.37	209	99
92	1800E-300S	5	0.2	2.46	2	123	0.4	5	0.65	0.2	26	18	40	49	4.31	0.20	13	14	1.49	609	2	0.13	26	0.09	2	36	0.27	136	76
93	1800E-350S	5	0.2	3.61	2	138	0.4	5	0.97	0.2	29	28	30	75	5.85	0.37	15	23	3.29	664	1	0.10	39	0.06	2	40	0.32	199	81
94	400	5	0.2	3.59	5	186	0.6	5	0.88	0.2	35	21	42	79	5.00	0.33	16	21	1.74	731	2	0.11	37	0.10	2	45	0.30	158	83
95	450	5	0.2	2.98	6	270	0.6	5	1.76	0.2	44	20	39	50	4.51	0.27	17	20	1.45	1859	2	0.12	29	0.11	2	40	0.29	157	80
96	500	5	0.2	3.02	12	226	0.6	5	1.83	0.5	44	23	31	74	5.00	0.22	21	19	1.27	1237	3	0.14	56	0.09	4	70	0.29	135	134
97	1800E-550S *	5	0.2	0.99	9	153	0.3	5	2.69	0.7	37	8	16	43	1.48	0.11	9	8	0.41	442	4	0.06	19	0.08	4	45	0.08	45	66
98	1800E-600S	5	0.2	2.16	8	145	0.4	5	1.77	0.2	38	15	29	59	3.33	0.16	13	17	1.15	564	2	0.17	26	0.09	3	42	0.20	105	77
99	650	5	0.2	2.31	12	164	0.5	5	2.22	0.3	42	17	33	76	3.57	0.19	15	18	1.22	613	4	0.10	34	0.10	3	48	0.19	113	81
101	700	5	0.2	3.04	9	285	0.7	5	2.25	0.2	63	22	30	73	4.42	0.33	19	24	1.46	767	3	0.14	34	0.11	5	56	0.29	142	107
102	750	5	0.4	1.65	9	201	0.5	5	2.43	0.3	59	12	25	42	2.36	0.19	14	12	0.59	435	3	0.10	18	0.12	5	54	0.17	79	56
103	1800E-800S	5	0.6	2.16	9	209	0.5	5	2.12	0.3	50	16	29	56	3.13	0.25	16	16	0.85	477	3	0.13	24	0.13	6	56	0.22	103	76
104	1800E-850S *	5	0.2	1.37	6	156	0.4	5	2.32	0.5	46	10	26	36	1.79	0.19	12	9	0.39	342	3	0.08	17	0.10	5	65	0.14	56	57
105	900	5	0.2	2.24	3	209	0.5	5	1.21	1.0	51	18	37	48	3.17	0.25	18	13	0.78	804	2	0.13	29	0.14	6	60	0.22	89	95
106	1800E-950S	5	0.2	1.32	5	53	0.3	5	0.40	0.2	35	7	18	21	2.20	0.13	11	9	0.40	221	2	0.39	9	0.04	6	22	0.16	56	45