

ASSESSMENT REPORT

HC PROJECT

LANCER RESOURCES INC.

Kamloops Mining Division

British Columbia

N.T.S. 92P/9

16973

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 89.02.12

ASSESSMENT REPORT 16973

MINING DIVISION: Kamloops

PROPERTY: HC
LOCATION: LAT 51 33 54 LONG 120 21 36
UTM 10 5715742 682980
NTS 092P09W

CLAIM(S): HC 1
OPERATOR(S): Lancer Res.
AUTHOR(S): Rebagliati, C.M.
REPORT YEAR: 1988, 93 Pages

COMMODITIES
SEARCHED FOR: Lead, Zinc, Copper

GEOLOGICAL
SUMMARY: Upper Triassic (Takla Group?) Nicola Group basalt flows, fragmentals and greywackes are hosts to northwest trending quartz-carbonate veins hosting pyrite, sphalerite, galena, chalcopyrite and tetrahedrite. Wide carbonate alteration zones are associated with the veining.

WORK
DONE: Geochemical
LINE 69.5 km
SOIL 1449 sample(s) ;ME
Map(s) - 1; Scale(s) - 1:2500

INDEXED
REPORTS: 12101
MINFILE: 092P 137

LOG NO: 0216	RD.
ACTION:	
2/87	
FILE NO:	

Owner: BP RESOURCES CANADA LIMITED

Operator: LANCER RESOURCES INC.

ASSESSMENT REPORT

on the

HC PROJECT

Kamloops Mining Division

British Columbia

N.T.S. 92P/9

Latitude 50°34'N

Longitude 120°21'W

SUB-RECORDER RECEIVED	
FEB 12 1988	
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VANCOUVER, B.C.	

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by

**REBAGLIATI GEOLOGICAL CONSULTING LTD. AL BRANCH
ASSESSMENT REPORT**

16,973

C.M. REBAGLIATI, P. Eng.

February 5, 1988

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SUMMARY

The HC claim, comprising 12 units, is located in South Central British Columbia, 22 km northwest of Little Fort. Highway 24 lies approximately 5 km south of the claim. Good quality logging roads leading from the highway traverse the claim and provide easy two-wheel drive vehicle access. Numerous small streams and lakes are ready sources of drill water.

Triassic-Jurassic volcanic units and derived sediments, lying on the eastern flank of the central volcanic core of the Quesnel Trough, underlie the claim.

The first mineral exploration within the claim area was directed towards the evaluation of base metal-rich veins located along the western side of the claim. This work, undertaken sometime around the 1930's, is not well documented and consisted of the sinking of hand-excavated pits and shallow shafts. In the 1960's and 1970's, the area immediately to the west of the claim was extensively explored for porphyry copper-molybdenum deposits by several companies. From 1981 to 1985, the same area received extensive exploration. During this later period, the zinc veins on the HC claim were relocated and three previously unknown zones of carbonate alteration were discovered.

Lancer Resources Inc. optioned the HC claim from BP Minerals Canada Ltd. and in 1987 conducted a detailed soil geochemical survey to trace and define the zones of mineralization. Strong zones of multi-element anomalies were identified. A program of diamond drilling is proposed.

INTRODUCTION

This assessment report is based on the writer's knowledge of the area gained by the study of available government and private reports; regional studies; the supervision of exploration on the adjacent Ta Hoola property during the period 1980-1982; an examination on July 13, 1986 of trenches excavated by BP Minerals; and the supervision of the geochemical survey conducted by the company in July-August 1987.

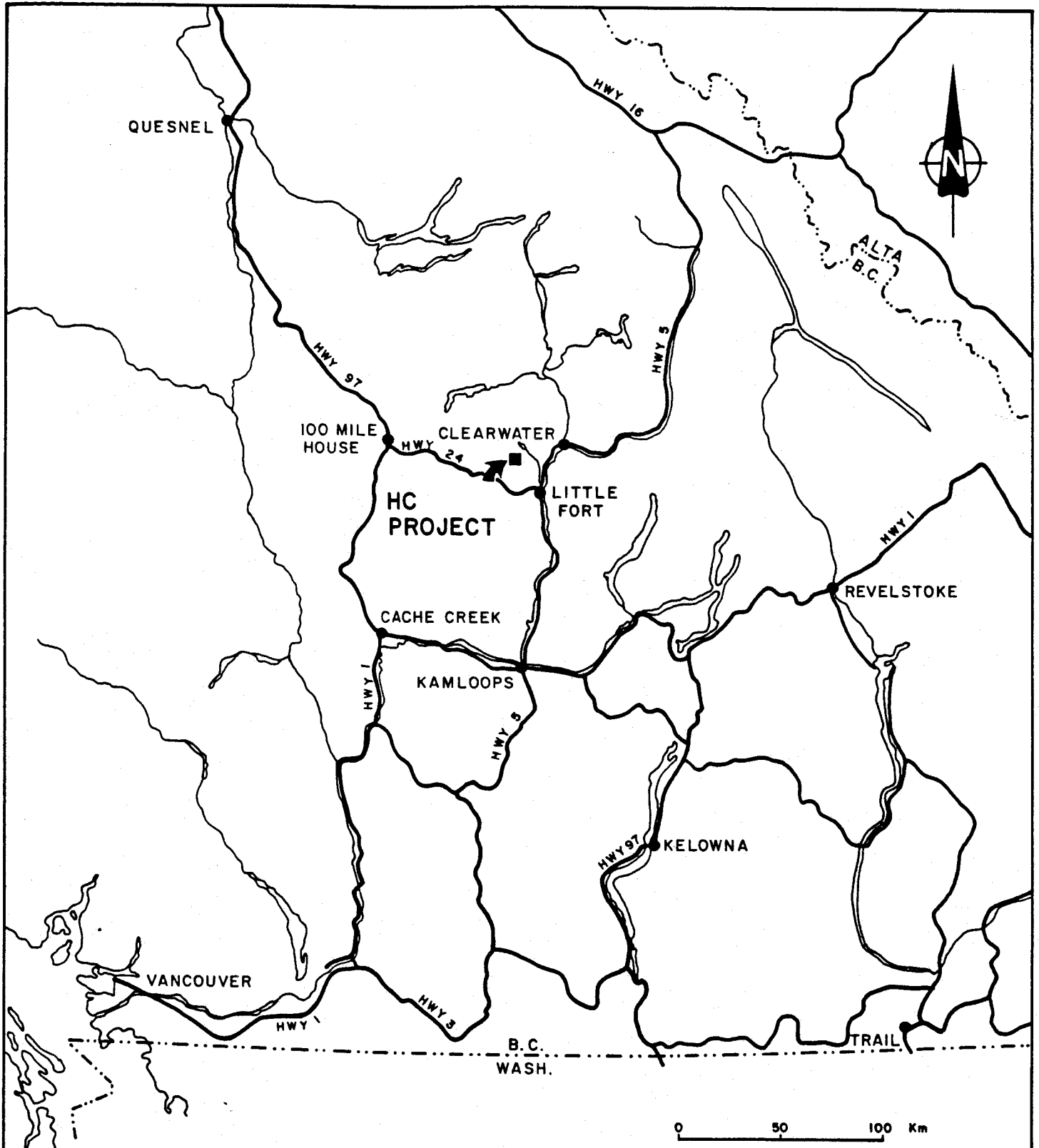
The property is held under option from BP Minerals Canada Ltd.

LOCATION AND ACCESS

The HC claim is located approximately 22 km northwest of Little Fort, British Columbia on NTS Map Sheet 92P/9 at latitude 51°34'N and longitude 120°21'W (Figure 1).

A network of good quality logging roads provides easy access to the property from Highway 24, which links the Yellowhead South Highway (No. 5) along the North Thompson River at Little Fort to the Cariboo Highway (No. 97) at 100 Mile House.

The property lies within the Thompson Plateau, a part of the Interior Plateau characterized by rolling uplands with rounded hills and numerous small lakes. Topography within the claim is moderate and elevations range from 1,340m along the eastern boundary to 1,560m at the top of a hill near the western boundary.



LANGER RESOURCES INC.	
HC	PROJECT
LOCATION MAP	
<i>Aug., 87</i>	<i>Figure 1</i>

Rebagliati Geological Consulting Ltd.

Vegetation consists of a mature spruce, fir and jack pine forest. Underbrush is moderately thick near the moist valley bottoms and thins at higher elevations where drainage is better. Two small portions near the southern edge of the claim have been logged.

CLAIMS

The 12-unit HC claim is owned by BP Resources Canada Limited. Lancer Resources Inc. holds an option to earn an interest in the property.

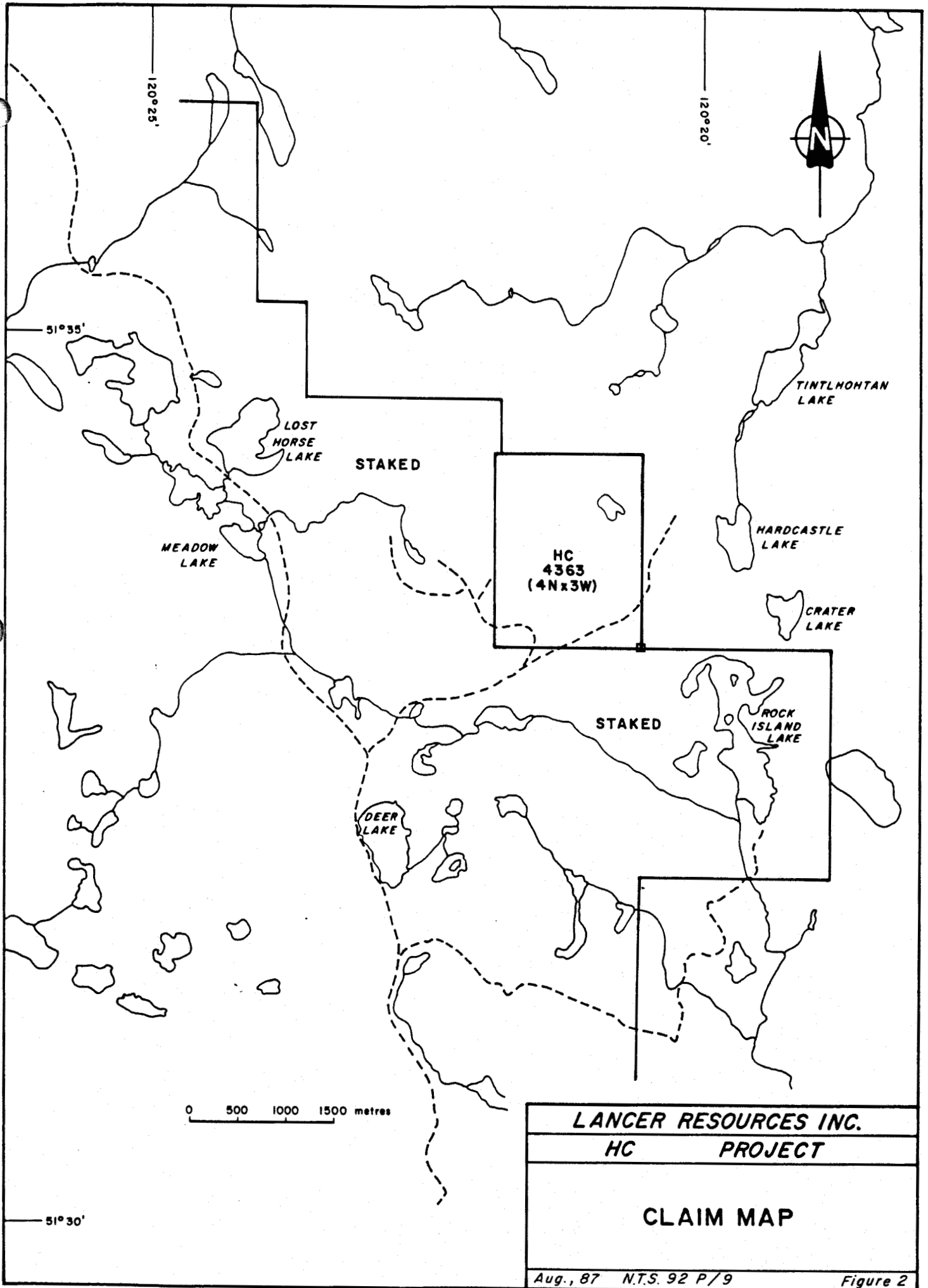
The writer has not inspected all of the claim posts and can pass no opinion on the manner of staking nor can he verify the location as depicted on the claim map (Figure 2). Essential claim data are as follows:

<u>Claim Name</u>	<u>Record No.</u>	<u>No. of Units</u>	<u>Mining Division</u>	<u>N.T.S.</u>	<u>Recording Date</u>	<u>Expiry Date</u>
HC1	4363	12	Kamloops	92P/9	Feb.25/83	*Feb.25/92

*upon the acceptance of this assessment report.

EXPLORATION HISTORY

The first documented exploration on ground now covered by the HC claim is in an assessment report filed in 1974 by Imperial Oil Ltd. However, old hand-excavated shafts and several pits are located on the western side of the claim. It is speculated by the writer that this work was undertaken in the 1930's following the discovery of copper skarn mineralization at the Lakeview property situated approximately 3 km to the southwest on the southwest shore of Deer Lake.



LANCER RESOURCES INC.
HC PROJECT
CLAIM MAP
Aug., 87 N.T.S. 92 P/9

Figure 2

Rebagliati Geological Consulting Ltd.

Imperial's work in 1974 included geological, geophysical and soil geochemical surveys. A zinc anomaly was identified, however no further exploration was undertaken and the claims were allowed to expire.

In 1982, a regional reconnaissance program conducted by the Selco Division of BP Resources Canada Limited identified altered rocks in the project area carrying geochemically anomalous concentrations of mercury and arsenic. At that time, the ground was held by another party who were inactive. Subsequently the claims expired and Selco restaked the ground.

In 1982, the ground was prospected and lead-zinc mineralization associated with quartz-carbonate veins was found in old hand-dug trenches. Further prospecting led to the discovery of carbonate alteration zones. A reconnaissance multi-element soil geochemical survey utilizing a 200m by 200m sample spacing identified several single sample anomalies. The wide sample spacing proved ineffective in defining discrete zones of anomalous metal concentrations. In 1985 three carbonate alteration zones were backhoe trenched to determine their width, mineralogical and structural characteristics and to ascertain their potential to host mineralization. (The writer had the opportunity to examine the trenches in July 1986 prior to their being back-filled and landscaped.)

The property became inactive in late 1985. Lancer Resources Inc. optioned the HC claim from BP and in 1987 undertook a detailed soil geochemical survey to relocate and define zones indicated by previous surveys to be anomalous in metals.

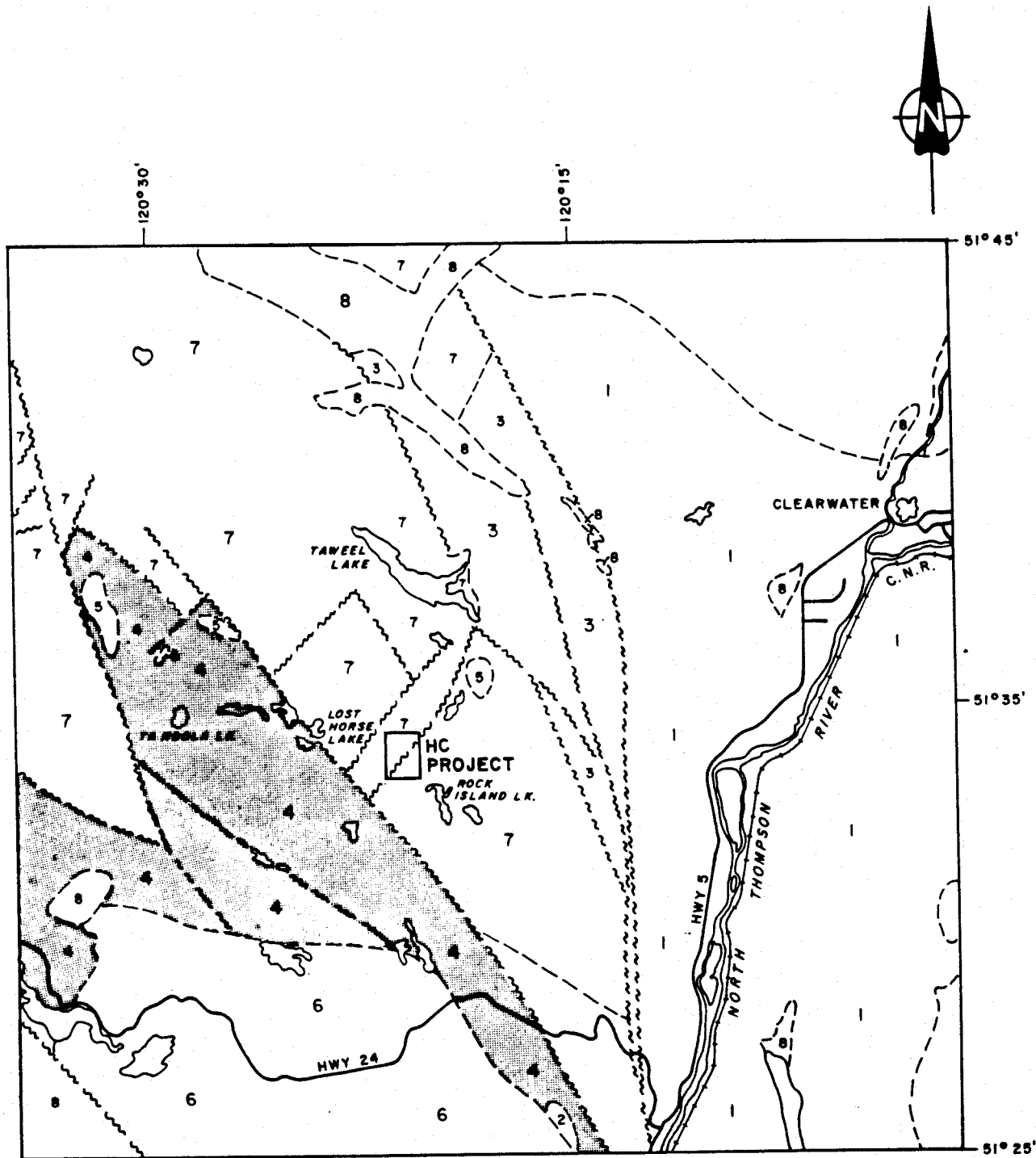
REGIONAL GEOLOGICAL SETTING

The HC property is situated within the Quesnel Trough, a 2,000 km long northwesterly trending belt consisting of Upper Triassic-Lower Jurassic volcanic rocks, derived sedimentary rocks and intrusives. The belt is characterized by a volcanic core of Triassic subaqueous andesite pyroxene porphyritic flows, tuffs and breccias. Interbedded with the volcanics are calcareous argillite, siltstone, silicious cherty sediments and thinly bedded limestone. On the eastern and western margins of the volcanic core is an overlying and flanking sequence of Lower Jurassic pyroxene porphyritic volcanoclastic breccias with proximal to distal epiclastic sediments consisting of conglomerate, greywacke and argillite (Figure 3). To the extreme east are fine clastic sediments, consisting of a siltstone, shale and argillite assemblage, which appear to form the base of the Triassic sequence.

Regional mapping indicates that the property area is underlain by Nicola Group alkaline volcanic and sedimentary rocks intruded by numerous comagmatic diorite to syenite stocks (Preto 1970, Campbell and Tipper 1971).

Late fumarolic or hydrothermal stages related to the plutons introduced volatiles and metals into the volcanics and extensively altered and mineralized large volumes of shattered volcanic rocks. The Copper Mountain, Afton, and Cariboo Bell copper porphyry deposits are directly associated with this late hydrothermal stage.

The HC claim lies within an area of intense block faulting, formed where the North Thompson Fault breaks into a multitude of



LEGEND

- 8 TERTIARY VOLCANICS
- JURASSIC
- 7 INTERBEDDED VOLCANICS AND SEDIMENTS
- TRIASSIC/JURASSIC
- 6 THUYA BATHOLITH
- 5 ALKALINE INTRUSIONS
- TRIASSIC
- 5 NICOLA GROUP
- 3 BLACK SHALE, ARGILLITE
- 2 PERIDOTITE
- MISSISSIPPIAN
- 1 FENNEL FORMATION VOLCANICS

LANCER RESOURCES INC.
HC PROJECT
REGIONAL GEOLOGY
Aug., 87 N.T.S. 92 P

Figure 3

northwesterly-trending splays (Figure 4). At Little Fort, where the North Thompson Fault breaks into the splays, there are two ultramafic bodies aligned along the fault. These ultramafic bodies are evidence that the fault represents a zone of deep crustal weakness, a favourable host structure for mineralization associated with carbonate alteration.

On the HC claim, wide, parallel, carbonate alteration zones conform to the dominant northwesterly fault trend.

PROPERTY GEOLOGY

The HC claim is situated to the east of the main Upper Triassic volcanic core and is underlain by the eastern flanking sequence of interbedded Lower Jurassic pyroxene porphyritic pyroclastics and distal epiclastic sediments (Figure 3). Block faulting has disrupted the stratigraphy, which has been rotated into a near vertical attitude. However, the regional north-northwest strike is maintained.

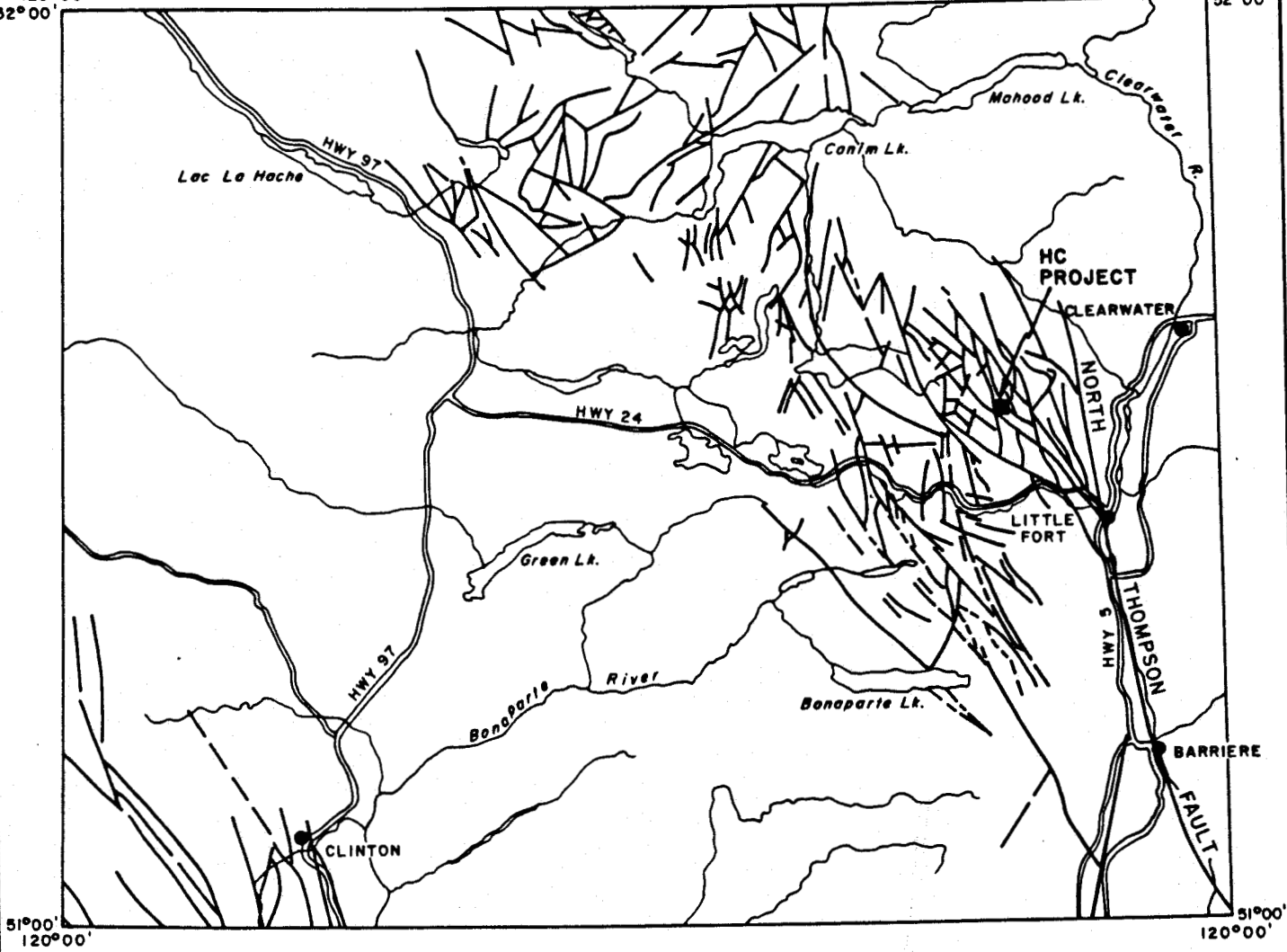
Three similar bands of pyroxene lapilli tuff-agglomerate trend northwesterly across the claim (Figure 5). These rocks are medium to dark green, massive and medium to coarse-grained pyroclastics. Fragment sizes vary from 1 cm to 20 cm and are comprised of subangular to subrounded porphyritic augite andesite. Clasts are supported by a matrix of fine-grained ash tuff. Pyrite occurs in minor concentrations as widely-spaced disseminated grains.

The epiclastic sediments comprise siltstone, argillite, chert, greywacke and conglomerate. Siltstone predominates. It is usually massive, laminated, fine to medium-grained and light



120°00'
52°00'

120°00'
52°00'

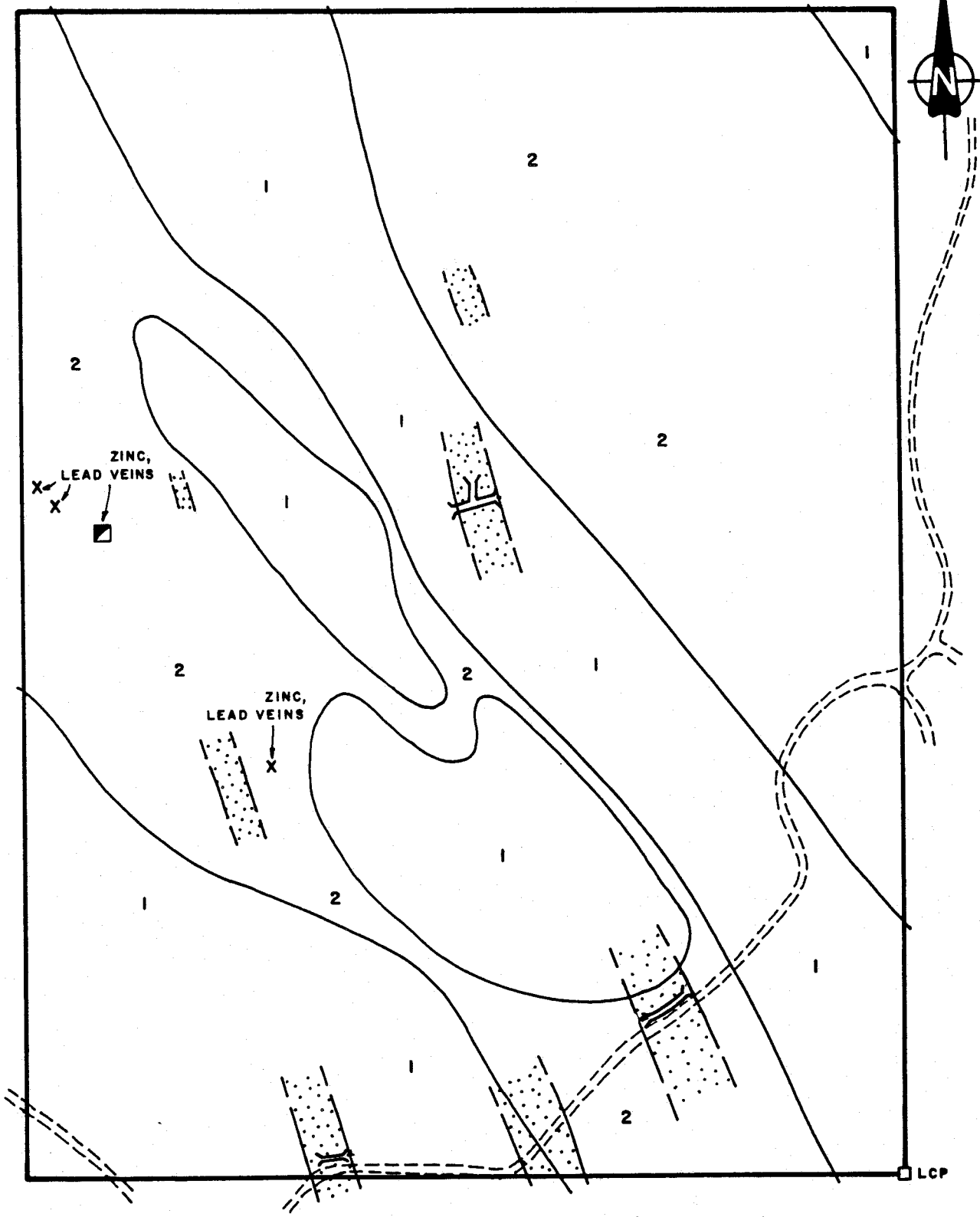


51°00'
120°00'

51°00'
120°00'

0 10 20 Km

LANCER RESOURCES INC.	
HC	PROJECT
PATTERN OF BLOCK FAULTING IN LITTLE FORT REGION	
<i>Aug., 87</i>	<i>Figure 4</i>



LEGEND

LOWER - MIDDLE JURASSIC

1 AUGITE PORPHYRY FLOWS AND PYROCLASTICS

2 SILTSTONE, ARGILLITE, GREYWACKE

QUARTZ - CARBONATE ALTERATION ZONE

SHAFT

PIT

TRENCH

0 100 200 metres

LANCER RESOURCES INC.	
HC	PROJECT
PROPERTY GEOLOGY	
Aug., 87	N.T.S. 92 P/9
Figure 5	

to dark grey coloured. Pyrite is sparce, occurring as disseminated grains, but reached 5% to 10% in light grey bands as heavy disseminations with interstitial carbonate. Subordinate very fine-grained, massive, black, carbonaceous argillite is occasionally interbedded with the siltstone. Disseminated pyrite is ubiquitous and commonly comprises up to 5% of the rock.

The only known intrusive rock on the claim is a northwesterly-striking feldspar porphyry dyke situated near the southwest corner of the claim.

ALTERATION AND MINERALIZATION

Carbonate alteration is widespread on the HC claim, occurring in three principal modes.

Narrow, randomly oriented calcite stringers and grain aggregates are commonly in all units. They are generally sulphide-free and barren.

Near the midpoint in the western claim boundary, several calcite-quartz veins, up to 80 cm thick, cut siltstone units. These veins, exposed in old hand-excavated shafts and trenches in a 500m long southeast-trending zone, carry an appreciable sulphide content comprised of sphalerite, chalcopyrite, galena, pyrite and tetrahedrite. A selected sample of sulphide-rich material, collected by BP personnel, ran 165 ppb gold, 0.99% copper, 0.65% zinc and 0.06% lead (Gamble 1986). A representative sample, cut by the writer, from a vein exposed in an old shaft at 61+25N, 51+30E graded 0.71 oz/ton silver, 0.022 oz/ton gold and 3.31% zinc across 0.70 m.

Potentially of greater economic significance are three northwesterly-trending zones of pervasive carbonate alteration. These zones are moderately discordant to bedding, display crude banding, brecciation, crosscutting ferroan dolomite veining and are interpreted to be healed faults which have undergone multiple episodes of movement. These poorly-exposed alteration zones are geochemically enriched and have acted as important structural sites for mineralization. Late quartz stringers infilling fractures, breccias and dilation zones within the broad areas of carbonate alteration carry the highest values of copper and antimony.

BP's 1985 trench, located near the centre of the claim exposed a 24 m wide zone of pyritic pervasive carbonate alteration hosted by a fragmental andesite. A series of continuous 2.0 m long chip samples cut across the full width of the zone averaged 2.25 ppm silver and 997 ppm copper with a geochemically significant enrichment in antimony.

Near the southeast corner of the claim, a 59 m wide band of interbedded mafic volcanics and cherty, silty argillaceous sediments is extensively carbonate altered and carries 1% to 5% fine-grained disseminated pyrite.

The third carbonate alteration zone, located near the southwest corner of the claim, is well exposed in a trench along the southern claim boundary where a 27 m interval of altered interbedded andesite breccia and limy sediments is cut by a coarse-grained feldspar porphyry dyke. The altered sediments carry 5% to 10% disseminated pyrite; whereas, in the more intensely altered andesite breccias, pyrite concentrations up to 15% are attained. A 2.0 m interval cut by late quartz stringers

in the core of the intensely-altered zone ran 2,736 ppm lead (Gamble 1986).

Because of the intensity of the regional faulting (Figure 4), which is the probable structural control, the multiple carbonate alteration zones on the HC claim can be expected to have long strike lengths and to extend to considerable depths.

SOIL GEOCHEMISTRY

A detailed soil geochemical survey was carried out over the HC claim by Lancer Resources Inc. in July/August 1987, to relocate and define the anomalies indicated by the BP/Selco reconnaissance survey. A grid, comprising 61.5 km of blazed and flagged lines and 8.0 km of base lines, was established for survey control. A total of 2400 B-horizon soil samples were collected at 25 m intervals on grid lines spaced 50 m apart. Average sample depth was 25 cm except in moist organic-rich areas where the sampling depth was in the order of 50 cm. Samples (1,282) from alternate lines were geochemically analysed for gold by Atomic Absorption methods and for 30 elements by ICP. The remaining 1,118 samples from the intervening lines were dried, screened and placed in storage for possible later analyses for use to upgrade anomaly definition and to aid in their interpretation. Statistical analyses were made for each element and appropriate value ranges were determined for dot plot presentations. Two hundred and twenty of the stored samples were then analysed and statistical analyses were rerun to assist in anomaly interpretation. The 31 element plot maps are included in Appendix III.

Anomaly selection was based upon a combination of the

clustering of anomalous values; their magnitude above background concentrations; and their correlation with the anomalous zones of the other elements.

The multi-element soil geochemical survey confirmed that base metals are present in anomalous concentrations. Plots for copper and lead show that specific, coherent anomalies can be identified from the general scatter of individually anomalous samples. A compilation of coincident anomalies outlines two significant trends. The 1,300 m long eastern anomalous trend coincides with the central band of augite porphyry volcanics. These volcanics host the structurally-controlled eastern-most carbonate alteration zone. The western anomalous trend is more closely associated with the interbedded sedimentary units and shows a much more complex pattern of metal associations.

A broad zone of high zinc values extends across the western half of the claim and encompasses both the eastern and western anomalous trends. Peak zinc values correlate well with the composite anomalies.

Core areas within the eastern and western anomalous trends have base metal values sufficiently high to directly reflect underlying mineralization and must be considered as prime exploration targets.

CONCLUSIONS

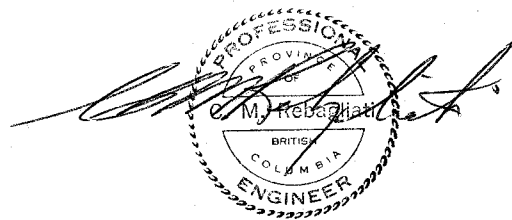
The HC claim is situated immediately to the east of the central volcanic core of the Quesnel Trough in a geologically prospective area of complex faulting. Wide bands of carbonate alteration geochemically enriched in base metals and indicator

elements are evidence that metal-generating hydrothermal events took place within the claim area. Multi-element soil geochemistry has outlined the trace of the altered zones and test trenching combined with rock chip sampling have substantiated that mineralization is present in at least two of the three carbonate alteration zones. The highest values occur where late stage quartz stringers cut carbonate altered fault planes.

The calcite-quartz base metal veins situated in the central western portion of the claim are interesting secondary exploration targets. A program of diamond drilling is justified to explore the extensive geochemically anomalies.

RECOMMENDATIONS

A program of diamond drilling is recommended to evaluate the multi-element anomalies associated with the carbonate alteration zones.



Rebagliati Geological Consulting Ltd.

STATEMENT OF COSTS

Rebagliati Geological Consulting Ltd.

Project Management and Professional Services

C. M. Rebagliati, P. Eng., Consultant

July 15 to August 15, 1987

18 days @ \$400/day	\$ 7,200.00
Vehicle rental and operating costs	
5 days @ \$102.98	514.90
Meals and Motel and miscellaneous supplies and expenses	2,730.18
Telecommunications	134.89
Report publication	255.54

Amex Exploration Services Ltd.

Contract grid soil sampling

2400 samples @ \$11.58/each 27,792.00

Acme Laboratories Ltd.

Sample Preparation, freight

Au and ICP analyses

2400 samples @ \$6.90/each 16,557.75

TOTAL COST \$ 55,185.26

REFERENCES

Aird, C.A. 1974; Geological, Geophysical and Geochemical Report on the A.A. 1-20 Claims, Imperial Oil Limited Assessment Report No. 5191.

Campbell, R.B., Tipper, H.W. 1971; Geology of Bonapart Lake Map Area, British Columbia, GSC Memoir 363.

Gamble, A.P.D. 1986; 1985 Summary Exploration Report. Geology, Geochemistry, Geophysics on the Ta Hoola Project (including the HC claim). Assessment Report No. 12101.

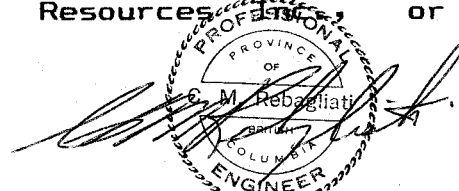
Preto, V.A.G., 1970; Geology, Exploration and Mining in British Columbia, p.p. 307-312.

Assessment Reports from nearby properties: 981, 1060, 1169, 1690, 4028, 4260, 4262, 4678, 4684, 10287, 10880, 11413.

CERTIFICATE OF QUALIFICATIONS

I, Clarence Mark Rebagliati, of 3536 West 15th Avenue, Vancouver, B. C., hereby certify that:

1. I am a consulting Geological Engineer with offices at 3536 West 15th Avenue, Vancouver, B. C.
2. I am a graduate of the Provincial Institute of Mining, Haileybury, Ontario (Mining Technology, 1966).
3. I am a graduate of the Michigan Technological University, Houghton, Michigan, U.S.A., (B.Sc., Geological Engineering, 1969).
4. I have practiced my profession continuously since graduation.
5. I am a member in good standing of the Association of Professional Engineers of British Columbia.
6. The foregoing report is based on:
 - a) A study of all available company and government reports.
 - b) My personal knowledge of the general area resulting from regional studies and from examinations of the property made on July 13, 1986 and during supervision of the geochemical survey in July and August 1987.
7. I have not directly or indirectly received nor do I expect to receive any interest, direct or indirect, in the property of Lancer Resources Inc., or any affiliate, or beneficially own, directly or indirectly, any securities of Lancer Resources Inc., or any affiliate.



The seal is circular with a double-line border. The outer ring contains the text "PROFESSIONAL ENGINEER" at the top and "BRITISH COLUMBIA" at the bottom. The inner ring contains "PROVINCE OF" at the top and "COLUMBIA" at the bottom. In the center, the name "C. M. Rebagliati" is written in a cursive script, with a signature flourish extending to the right.

C. M. Rebagliati, P. Eng.
February 5, 1988.

APPENDIX I

CERTIFICATES OF ANALYSES

GEOCHEMICAL ICP ANALYSIS

.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 CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 8 1987

DATE REPORT MAILED: Aug 19/87

ASSAYER: D. J. DEAN TOYE, CERTIFIED B.C. ASSAYER

REBAGLIATI GEOLOGICAL PROJECT-REBAGLIATI HC File # 87-3122 Page 1

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	PPM	PPB	
87023441	1	76	24	237	1.5	41	17	1317	4.15	17	5	ND	3	56	3	2	2	88	1.14	.088	11	56	.77	124	.16	3	2.81	.02	.08	1	1
87023442	1	94	22	249	1.9	49	19	1210	4.74	20	5	ND	4	55	3	2	2	99	1.07	.083	12	63	.89	132	.18	5	3.41	.02	.08	1	2
87023443	2	143	21	124	1.1	68	25	676	5.75	36	5	ND	5	69	2	5	2	128	.90	.047	14	98	1.50	160	.18	3	3.61	.02	.10	2	17
87023444	1	151	20	121	.8	70	26	664	6.02	35	5	ND	5	71	1	2	2	134	.89	.046	14	102	1.59	165	.19	3	3.69	.02	.10	1	9
87023445	2	137	15	122	.9	69	24	598	5.65	36	5	ND	5	66	2	2	2	125	.91	.049	14	98	1.45	154	.18	4	3.59	.02	.09	1	6
87023446	1	144	21	118	.7	69	25	666	5.88	35	5	ND	5	69	2	2	2	132	.88	.045	13	100	1.57	159	.19	4	3.55	.02	.10	1	9
87023447	1	92	22	113	.2	42	17	336	5.34	24	5	ND	3	43	1	2	2	138	.41	.070	9	73	1.18	94	.19	3	3.15	.01	.06	2	4
87023448	1	101	18	117	.2	45	20	373	5.48	23	5	ND	3	45	1	2	2	140	.42	.065	9	77	1.28	101	.19	4	3.27	.02	.06	1	1
87023449	1	32	18	82	.4	18	8	308	3.73	11	5	ND	3	32	1	2	2	109	.31	.081	7	42	.55	71	.19	5	1.77	.01	.04	2	1
87023450	1	55	26	123	.3	29	11	315	4.63	20	5	ND	3	22	1	2	2	115	.23	.076	7	51	.75	68	.16	2	2.65	.01	.05	1	9
87023451	1	76	23	163	.3	39	15	364	5.12	22	5	ND	3	22	2	2	2	121	.23	.092	8	59	.94	86	.17	3	3.56	.01	.06	2	6
87023452	1	79	22	171	.4	40	16	377	5.39	23	5	ND	4	23	1	2	4	126	.24	.101	8	62	.96	90	.18	3	3.79	.01	.06	2	11
87023453	1	30	18	104	1.1	16	7	191	4.77	11	5	ND	4	37	1	2	2	112	.42	.084	6	41	.48	60	.21	5	1.99	.01	.05	1	1
87023455	1	26	18	111	1.1	14	7	187	4.74	11	5	ND	3	36	2	2	2	104	.43	.091	6	38	.42	63	.21	5	1.84	.02	.04	1	1
87023456	2	174	16	236	1.5	52	16	777	5.14	20	5	ND	2	45	1	2	2	118	.64	.072	8	63	.61	119	.16	4	3.89	.02	.08	1	2
87023457	1	205	20	241	1.5	57	16	794	5.35	20	5	ND	2	46	2	4	2	124	.62	.062	8	67	.67	128	.16	5	4.16	.02	.08	1	38
87023458	1	32	12	92	.4	15	7	154	4.33	14	5	ND	3	24	2	2	2	103	.23	.090	7	35	.42	68	.20	3	2.73	.01	.04	1	5
87023459	1	20	15	60	.1	10	5	106	2.90	15	5	ND	2	22	1	2	2	81	.18	.065	7	22	.26	51	.17	2	1.58	.01	.04	1	27
87023460	1	145	14	57	2.6	11	3	76	1.27	3	5	ND	1	85	1	2	2	30	1.90	.133	11	22	.18	77	.07	3	2.09	.04	.03	1	3
87023461	1	161	10	56	2.9	12	3	81	1.34	4	5	ND	1	83	1	3	2	31	1.83	.133	12	23	.19	81	.08	5	2.24	.03	.03	1	7
87023462	1	54	15	106	.6	27	11	275	4.91	14	5	ND	2	33	1	2	2	114	.40	.098	8	52	.77	84	.17	2	2.45	.01	.06	1	2
87023463	1	26	15	68	.5	13	6	352	2.72	8	5	ND	2	21	1	2	2	79	.22	.079	7	30	.32	79	.14	2	1.44	.02	.04	1	1
87023464	6	78	21	177	.7	40	18	908	4.98	23	5	ND	2	75	2	2	2	113	1.48	.076	9	69	.88	123	.12	6	2.53	.02	.08	1	2
87023465	6	83	21	190	.9	41	20	966	5.25	27	5	ND	2	82	1	2	2	117	1.60	.078	10	72	.89	135	.12	2	2.63	.02	.08	1	2
87023466	7	79	19	162	.9	38	17	964	4.88	23	5	ND	2	81	3	2	2	110	1.78	.085	9	63	.76	128	.12	4	2.35	.02	.07	1	1
87023467	9	74	16	149	.8	34	14	1205	4.13	19	5	ND	1	88	2	2	2	94	2.28	.100	8	56	.60	121	.10	3	1.95	.02	.07	1	1
87023468	1	51	19	99	.3	23	10	303	4.63	11	5	ND	2	33	1	3	2	118	.46	.120	8	49	.66	79	.17	3	2.55	.01	.05	1	4
87023469	1	19	18	78	.6	9	6	233	2.37	6	5	ND	1	15	1	2	2	59	.22	.085	5	20	.20	46	.14	2	1.25	.02	.05	1	1
87023470	1	46	14	130	.2	26	11	374	4.64	15	5	ND	3	21	1	2	2	119	.23	.117	6	52	.68	75	.18	2	2.74	.01	.06	1	575
87023471	1	52	21	140	1.3	29	13	391	5.05	17	5	ND	3	22	1	2	5	128	.24	.125	7	55	.77	78	.19	6	2.94	.02	.06	2	520
87023472	1	60	18	137	.2	31	13	343	4.82	18	5	ND	4	22	1	2	2	120	.23	.133	8	56	.79	82	.18	2	3.10	.02	.06	1	125
87023473	1	46	18	126	.3	41	16	409	4.75	19	5	ND	3	25	2	2	2	119	.38	.105	8	65	.86	103	.16	5	2.92	.01	.07	3	2
87023474	1	57	17	148	.3	40	21	2091	4.86	17	5	ND	2	26	1	2	2	128	.41	.107	8	74	1.00	117	.14	3	2.61	.02	.06	2	1
87023475	2	56	14	124	.3	42	16	440	4.26	19	5	ND	2	36	1	2	2	110	.55	.070	9	67	1.01	88	.14	2	2.30	.02	.07	2	1
87023476	1	63	15	137	.3	46	17	472	4.69	24	5	ND	3	40	1	2	2	120	.58	.079	9	72	1.10	98	.15	11	2.61	.03	.08	1	3
87023477	1	59	17	136	.3	45	17	458	4.50	21	5	ND	2	38	1	2	2	115	.56	.080	9	70	1.04	94	.14	4	2.51	.02	.07	2	2
STD C/AU-S	19	61	41	132	7.2	72	29	934	3.91	38	21	8	39	51	19	17	20	60	.48	.095	38	62	.88	180	.09	38	1.78	.06	.13	12	51

SAMPLE#	NO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
87023478	1	47	9	64	.4	14	7	1928	1.42	5	5	ND	1	138	1	2	2	44	2.93	.137	7	25	.14	47	.07	3	1.01	.04	.02	1	1
87023479	1	69	13	95	.5	23	9	1614	1.85	8	5	ND	1	195	1	2	2	45	4.39	.139	8	37	.31	74	.06	2	1.38	.03	.03	1	1
87023480	3	81	12	117	.7	34	12	569	3.29	12	5	ND	1	111	1	2	2	67	1.90	.074	11	41	.39	94	.12	2	2.51	.02	.04	1	1
87023481	6	75	18	154	.7	35	15	928	4.50	19	5	ND	1	83	1	2	2	105	1.67	.078	9	59	.64	116	.13	3	2.06	.02	.07	1	4
87023482	8	170	14	240	1.5	66	18	1911	5.90	30	5	ND	2	75	2	5	2	122	1.08	.089	17	82	.85	176	.13	2	3.48	.02	.11	1	3
STD C/AU-S	19	60	41	133	7.1	72	29	1029	3.98	40	24	8	44	54	19	19	23	63	.47	.096	41	61	.87	177	.10	38	1.78	.06	.14	13	48
87023483	6	109	18	181	1.3	62	18	732	6.25	25	5	ND	3	52	1	2	2	128	.66	.063	10	87	.91	171	.14	2	3.69	.02	.11	1	2
87023484	3	89	16	118	.5	40	13	492	4.24	17	5	ND	1	33	1	2	2	104	.38	.047	13	59	.62	126	.11	3	2.20	.02	.07	1	2
87023485	10	263	16	210	3.4	91	20	1428	7.69	32	5	ND	2	80	2	7	2	134	1.06	.101	16	117	1.15	241	.14	2	4.73	.03	.14	1	6
87023486	3	118	18	169	.6	57	21	869	5.07	18	5	ND	2	41	1	2	2	117	.40	.074	22	89	1.02	146	.12	2	3.69	.02	.09	1	4
87023487	1	27	12	88	.2	21	9	324	3.37	12	5	ND	1	23	1	2	2	92	.25	.137	8	46	.52	80	.17	2	1.61	.02	.05	1	32
87023488	1	31	13	115	.1	23	13	2493	3.48	15	5	ND	1	24	1	2	3	101	.26	.081	8	52	.58	77	.16	2	1.29	.02	.07	1	3
87023489	1	26	17	185	.1	30	12	348	4.16	12	5	ND	2	21	1	2	2	91	.25	.158	10	53	.59	75	.17	2	2.63	.02	.05	1	2
87023490	1	21	15	103	.1	18	7	194	3.60	11	5	ND	1	20	1	2	2	92	.23	.095	7	42	.40	62	.16	2	1.90	.02	.04	2	4
87023491	2	32	15	114	.1	25	13	1063	4.05	16	5	ND	1	25	1	2	3	108	.32	.086	7	52	.63	89	.14	2	1.78	.02	.05	3	2
87023492	3	48	16	149	.1	36	16	374	5.70	31	5	ND	2	16	1	2	2	118	.20	.102	7	66	.80	50	.10	2	2.77	.01	.06	1	5
87023493	1	68	14	127	.1	37	15	404	5.68	25	5	ND	1	24	1	2	2	146	.27	.100	6	68	1.23	71	.15	2	2.45	.02	.05	1	7
87023498	2	78	10	100	.9	35	16	777	4.55	18	5	ND	1	80	1	2	2	121	1.58	.054	12	64	1.03	94	.12	2	2.53	.02	.07	1	6
87023499	1	45	11	129	.2	46	15	475	4.39	17	5	ND	3	39	1	2	3	104	.59	.065	8	65	.86	82	.22	3	4.43	.03	.06	1	2
87023500	1	32	14	98	.2	28	12	245	3.88	12	5	ND	3	27	1	2	2	107	.39	.049	8	49	.50	64	.18	4	2.62	.02	.04	1	4
87023501	1	35	11	74	.1	30	11	259	4.26	11	5	ND	2	24	1	2	2	126	.32	.059	7	59	.86	48	.24	2	2.02	.02	.06	1	42
87023319	2	90	14	94	1.0	19	7	879	2.21	11	5	ND	1	88	2	3	2	53	3.61	.105	9	27	.23	79	.09	11	1.80	.02	.05	1	4
87023320	3	94	13	165	.5	18	5	269	2.39	16	5	ND	1	121	2	2	2	51	3.19	.080	6	36	.31	77	.07	2	1.45	.01	.04	1	4
87023321	2	81	14	135	1.2	17	10	406	3.56	16	5	ND	1	52	1	2	2	77	1.43	.079	11	32	.24	85	.16	3	2.84	.02	.04	1	1
87023322	1	58	20	125	.9	14	10	420	3.56	11	5	ND	1	45	1	3	2	81	1.21	.066	8	30	.22	82	.17	2	2.11	.02	.04	1	2
87023323	2	76	15	138	1.1	16	12	468	3.76	17	5	ND	1	51	1	3	2	80	1.42	.080	10	33	.24	88	.17	2	2.81	.02	.04	1	1
87023326	2	59	12	116	.3	34	14	438	5.21	19	5	ND	2	40	1	2	2	138	.50	.060	8	69	.99	91	.19	2	2.82	.02	.06	1	1
87023327	1	56	13	110	.2	39	15	418	5.23	20	5	ND	2	38	1	2	2	142	.37	.051	8	75	1.09	89	.19	2	2.79	.02	.06	1	7
87023328	1	19	14	73	.3	14	5	298	2.93	11	5	ND	1	40	1	2	2	102	.48	.077	7	33	.36	91	.17	2	1.08	.01	.06	1	2
87023329	10	95	21	179	.3	40	31	875	12.27	44	5	ND	2	20	1	5	2	229	.30	.150	4	83	1.19	65	.22	2	2.92	.01	.05	1	9
87023330	1	35	14	99	.7	18	10	505	3.77	13	5	ND	1	20	1	2	2	104	.22	.128	7	40	.40	89	.17	2	1.92	.02	.05	1	2
87023331	2	112	13	194	.4	61	16	456	5.47	30	5	ND	3	56	1	4	2	129	.54	.065	9	83	1.25	139	.16	5	3.35	.02	.10	1	3
87023338	1	17	13	58	.1	10	4	267	1.83	5	5	ND	1	30	1	2	2	62	.36	.041	6	21	.18	73	.12	2	.64	.01	.05	1	5
87023339	1	13	11	87	.2	9	5	696	2.05	4	5	ND	1	65	1	2	3	60	.95	.096	5	18	.16	120	.15	5	.83	.01	.11	1	2
87023340	1	47	16	92	.3	26	12	349	5.05	14	5	ND	2	34	1	2	2	136	.42	.091	7	55	.81	68	.16	2	2.49	.01	.06	1	15
87023341	1	27	13	123	.6	19	10	328	4.08	7	5	ND	2	22	1	2	3	101	.29	.119	6	44	.49	68	.19	2	2.96	.02	.06	1	5
87023342	2	39	13	92	.5	22	10	593	4.14	10	5	ND	1	31	1	2	2	116	.30	.082	7	44	.63	73	.15	2	2.11	.01	.05	1	4

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE Z	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU# PPB
87023343	1	60	12	120	.2	34	15	470	4.91	18	5	ND	3	49	1	2	2	124	.44	.110	9	55	1.24	97	.18	6	2.57	.02	.07	1	6
87023344	1	55	11	148	.1	29	17	424	4.64	16	5	ND	3	35	1	2	2	103	.41	.139	7	48	.87	93	.17	3	3.36	.01	.07	1	38
87023345	1	61	12	114	.1	33	17	379	4.47	17	5	ND	2	33	1	2	2	104	.38	.103	8	53	.94	88	.17	2	3.22	.01	.06	1	5
STD C/AU-S	20	62	37	134	7.0	68	31	987	4.12	41	20	8	42	52	21	17	23	62	.49	.098	42	57	.93	175	.09	37	1.89	.06	.14	12	50
87023346	3	91	13	128	.3	32	16	413	5.25	22	5	ND	2	33	1	2	2	125	.40	.167	6	48	.92	66	.18	2	2.64	.01	.07	1	13
87023347	1	39	14	122	.1	26	13	485	3.79	12	5	ND	1	36	1	2	2	100	.51	.067	5	42	.59	63	.17	2	1.68	.02	.08	1	2
87023348	1	35	13	105	.2	16	9	446	3.16	10	5	ND	1	39	1	2	2	80	.64	.083	4	28	.33	89	.13	4	1.17	.02	.05	1	3
87023349	1	26	15	109	.2	20	10	291	3.13	19	5	ND	1	80	1	2	2	67	1.19	.052	4	30	.34	55	.08	2	1.55	.02	.05	1	9
87023350	1	28	9	92	.2	20	10	207	3.62	17	5	ND	1	22	1	2	2	89	.30	.064	5	34	.43	50	.11	2	1.74	.01	.05	1	1
87023351	1	14	10	53	.2	10	6	137	2.30	10	5	ND	1	19	1	2	2	56	.32	.051	3	21	.17	37	.12	2	1.48	.02	.03	1	3
87023352	2	61	13	130	.3	45	19	302	4.43	18	5	ND	1	24	1	2	2	102	.34	.085	7	56	.93	81	.18	2	2.69	.01	.06	1	3
87023353	2	39	11	86	.1	26	12	346	3.74	17	5	ND	1	26	1	2	2	98	.37	.076	7	50	.76	70	.12	2	1.90	.01	.06	1	1
87023354	2	56	14	96	.3	40	15	322	4.30	16	5	ND	2	32	1	2	2	112	.44	.039	8	62	.99	82	.17	6	2.53	.02	.06	1	6
87023355	1	39	9	95	.1	29	14	338	3.77	14	5	ND	1	26	1	2	2	101	.33	.049	8	51	.83	63	.16	2	2.11	.01	.05	1	13
87023356	2	35	17	99	.2	22	12	1453	2.98	11	5	ND	1	43	1	2	2	82	.64	.076	6	41	.60	88	.11	2	1.33	.01	.08	2	4
87023357	3	67	18	135	.3	37	16	1436	4.02	20	5	ND	1	41	1	2	2	95	.63	.080	9	58	.91	114	.11	2	1.97	.01	.10	1	3
87023358	3	102	14	130	.9	42	14	768	4.63	24	5	ND	1	41	1	2	2	104	.55	.057	11	60	.76	126	.13	2	2.34	.01	.09	1	3
87023359	5	103	13	125	.4	42	15	581	5.05	27	5	ND	1	37	1	2	2	115	.52	.063	10	67	.99	100	.13	2	2.70	.01	.09	1	4
87023360	1	15	10	101	.4	11	5	142	2.58	8	5	ND	1	16	1	2	2	65	.20	.118	8	27	.33	69	.14	2	1.08	.01	.05	2	1
87023361	7	88	15	126	1.0	33	11	611	3.99	20	5	ND	1	55	2	2	2	98	.89	.058	11	46	.55	107	.12	3	1.76	.02	.12	1	1
87023362	8	98	19	108	1.1	33	10	493	3.93	20	5	ND	1	64	1	2	2	95	1.03	.060	11	46	.50	114	.11	5	1.70	.02	.11	2	1
87023363	5	114	19	133	1.1	56	17	644	5.87	29	5	ND	3	52	1	2	2	125	.67	.054	11	78	1.12	159	.13	2	3.59	.02	.11	1	2
87023364	7	135	12	150	1.3	64	19	779	6.86	36	5	ND	5	56	1	3	2	142	.68	.043	14	92	1.32	180	.14	2	4.14	.02	.13	1	7
87023365	1	29	11	77	.1	18	10	505	3.41	12	5	ND	1	22	1	2	2	96	.25	.079	7	39	.57	71	.14	2	1.48	.01	.05	1	1
87023366	1	42	19	120	.2	41	12	349	5.18	24	5	ND	3	20	1	2	2	111	.29	.192	8	70	1.06	72	.16	2	2.32	.01	.05	1	1
87023367	1	23	14	76	.2	19	10	431	3.53	15	5	ND	2	19	1	2	2	96	.24	.090	7	41	.55	66	.14	2	1.47	.01	.05	1	1
87023368	2	62	13	133	.3	49	17	315	4.60	23	5	ND	4	31	1	2	2	98	.35	.068	12	63	1.11	85	.13	3	2.97	.01	.09	1	1
87023369	2	65	10	126	.3	50	18	310	4.45	25	5	ND	4	32	1	2	2	96	.35	.058	12	63	1.17	85	.13	2	2.80	.01	.08	1	4
87023370	2	57	10	119	.1	44	18	342	5.01	26	5	ND	4	25	1	2	2	114	.28	.071	11	64	1.05	80	.13	5	2.88	.01	.11	2	1
87023371	3	57	18	126	.3	35	16	516	5.32	25	5	ND	2	22	2	2	2	127	.29	.078	8	60	1.09	67	.12	2	2.47	.01	.08	1	1
87023372	5	113	17	176	1.0	48	16	617	5.30	25	5	ND	1	86	2	2	2	118	1.29	.077	12	70	.98	139	.08	2	3.12	.02	.10	1	1
87023374	7	139	10	171	1.8	52	14	574	5.31	29	5	ND	1	133	1	3	2	102	1.99	.080	19	59	.89	206	.09	2	3.35	.02	.13	1	1
87023375	3	73	14	95	.8	27	11	705	2.94	16	5	ND	1	108	1	2	2	73	2.79	.104	9	38	.68	95	.06	5	1.73	.02	.08	1	1
87023376	2	60	10	65	1.0	17	5	595	1.30	8	5	ND	1	148	1	4	2	37	4.54	.120	6	18	.31	79	.02	5	.91	.01	.04	1	2
87023377	3	41	12	152	.5	25	14	238	5.08	15	5	ND	3	28	1	2	2	99	.28	.100	7	48	.65	113	.18	2	4.32	.01	.07	1	1
87023378	1	20	9	45	.2	10	6	174	2.26	7	5	ND	1	13	1	2	3	82	.20	.044	4	22	.44	39	.13	2	.81	.02	.08	1	1
87023379	2	80	8	102	.1	36	22	428	5.44	23	5	ND	4	19	1	2	2	148	.30	.063	8	67	1.62	63	.18	2	3.03	.01	.11	1	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU# PPB
87023197	4	90	11	178	.6	45	20	381	5.85	35	5	ND	4	31	2	2	150	.29	.028	10	78	1.25	105	.20	2	3.82	.02	.06	2	5	
87023198	4	106	14	161	.1	55	20	427	6.75	38	5	ND	4	35	1	2	156	.32	.037	10	88	1.62	97	.18	2	4.16	.01	.07	1	8	
87023199	5	46	26	250	1.3	43	20	1411	4.72	30	5	ND	3	14	3	2	100	.21	.055	9	57	.54	652	.13	4	2.65	.02	.06	1	1	
87023200	3	50	20	343	1.1	60	23	839	5.05	34	5	ND	3	15	2	2	95	.24	.072	9	63	.67	682	.15	2	3.55	.01	.06	1	1	
87023201	3	46	27	372	.8	65	23	576	5.10	32	5	ND	5	18	3	2	94	.30	.084	9	65	.67	637	.16	2	4.18	.02	.06	1	2	
87023202	6	87	27	216	.5	39	26	2633	6.77	46	5	ND	1	27	2	2	122	.37	.131	12	46	.47	506	.02	2	1.84	.01	.06	1	7	
87023203	5	83	17	121	.1	51	25	813	5.24	30	5	ND	4	44	1	2	126	.54	.052	14	81	1.53	116	.16	3	2.47	.02	.09	3	9	
87023204	1	35	12	147	.2	26	10	360	4.11	38	5	ND	1	26	1	2	109	.35	.110	8	50	.75	94	.15	2	1.93	.01	.06	2	2	
87023205	1	31	12	144	.2	23	9	508	3.73	37	5	ND	1	26	1	2	103	.35	.112	8	42	.62	112	.14	2	1.72	.01	.06	1	2	
87023206	2	30	15	142	1.0	17	10	378	4.76	27	5	ND	2	21	1	2	132	.30	.126	9	37	.47	55	.13	2	1.87	.02	.05	1	8	
87023207	3	38	13	175	.8	28	15	874	5.20	19	5	ND	2	28	1	2	133	.34	.083	9	58	.82	94	.16	2	2.48	.01	.06	2	2	
87023208	2	34	16	165	.8	27	14	1047	5.04	16	5	ND	1	28	1	2	133	.34	.080	8	56	.81	99	.15	2	2.32	.01	.05	1	15	
87023209	5	143	18	230	1.2	48	19	830	5.51	27	5	ND	2	74	2	2	107	1.40	.083	13	64	.75	136	.12	4	2.97	.02	.07	1	11	
87023210	4	210	17	233	2.0	57	20	1095	5.57	29	5	ND	2	87	5	2	105	1.73	.097	18	69	.75	148	.11	2	3.24	.02	.08	1	4	
87023211	6	251	15	280	2.6	69	22	1310	6.13	33	5	ND	2	87	5	3	109	1.66	.108	18	78	.88	176	.11	26	3.83	.03	.09	1	7	
87023212	3	67	12	149	.8	48	16	399	4.61	17	5	ND	3	63	2	2	97	.86	.075	10	73	.82	111	.15	3	3.18	.01	.07	1	8	
87023213	2	45	9	132	.5	39	14	363	4.31	13	5	ND	2	61	1	3	103	.78	.069	9	68	.75	124	.15	4	2.91	.02	.09	1	1	
87023214	1	53	9	138	.6	48	15	319	4.53	15	5	ND	2	63	1	2	100	.79	.077	9	76	.86	116	.15	2	3.30	.01	.08	1	2	
87023215	1	52	12	124	.2	50	14	299	4.45	14	5	ND	3	54	1	2	108	.70	.061	9	76	.97	120	.16	3	2.73	.02	.08	1	1	
87023216	1	33	12	92	.4	26	10	744	3.52	8	5	ND	2	24	1	2	100	.25	.061	9	52	.65	88	.16	2	1.96	.01	.05	1	1	
87023217	1	29	13	89	.4	23	9	663	3.46	7	5	ND	2	23	1	2	96	.23	.066	8	48	.59	87	.16	2	1.85	.01	.05	1	1	
87023218	1	51	16	259	.4	24	13	315	5.00	10	5	ND	2	41	1	2	138	.49	.036	6	47	.85	78	.21	2	2.50	.01	.05	1	1	
87023219	1	24	15	118	.3	14	7	192	3.99	4	5	ND	3	20	2	2	94	.24	.115	6	32	.41	63	.21	2	2.64	.01	.05	1	1	
87023220	1	30	17	108	.6	13	8	287	4.14	7	5	ND	2	23	1	2	104	.26	.136	6	30	.36	49	.18	2	1.92	.02	.06	1	1	
87023221	8	62	33	117	.3	24	12	467	5.71	17	5	ND	3	30	2	2	139	.26	.148	7	49	.89	62	.17	2	2.36	.01	.05	1	13	
87023222	1	32	14	99	.1	19	10	234	4.30	7	5	ND	3	23	1	2	103	.28	.303	6	41	.48	75	.15	2	2.75	.02	.04	1	1	
87023223	1	33	11	116	.1	24	13	372	4.02	8	5	ND	1	26	1	2	100	.36	.159	7	44	.57	79	.15	2	2.34	.02	.05	1	19	
87023224	1	28	16	123	.2	18	13	622	3.78	9	5	ND	2	26	2	2	94	.34	.122	7	39	.52	58	.15	4	1.57	.01	.05	2	4	
87023225	2	46	15	113	.2	27	11	504	4.38	19	5	ND	2	39	1	2	121	.64	.066	7	52	.78	99	.17	3	1.81	.01	.06	1	6	
87023226	3	217	19	181	1.1	57	19	489	6.47	31	5	ND	3	43	1	2	144	.59	.055	8	82	.99	153	.15	2	4.75	.02	.09	1	1	
87023227	1	63	15	145	.5	33	16	717	4.76	21	5	ND	2	30	2	2	115	.41	.097	6	54	.65	87	.15	3	2.64	.02	.05	1	1	
87023228	2	315	14	119	3.0	42	12	1551	2.76	17	5	ND	1	164	4	3	2	55	3.54	.126	17	83	.35	99	.06	3	2.54	.02	.04	1	7
87023231	3	58	10	87	.3	14	4	785	.99	6	5	ND	1	199	1	3	2	28	5.11	.102	3	19	.29	58	.01	10	.53	.02	.05	2	1
87023232	1	94	11	96	.8	25	10	772	2.25	11	5	ND	1	169	1	2	2	48	4.03	.092	7	44	.50	79	.05	6	1.36	.02	.05	3	6
87023234	4	83	15	173	.8	54	22	301	5.62	16	5	ND	2	71	1	2	107	1.29	.052	14	81	.76	67	.18	2	4.53	.02	.05	1	2	
87023235	5	80	17	163	.2	54	19	652	5.12	22	5	ND	4	36	1	2	124	.54	.079	8	81	1.14	109	.14	4	3.02	.01	.07	3	3	
STD C/AU-5	18	60	39	131	7.1	69	28	921	3.91	38	21	8	39	50	18	17	19	60	.48	.091	38	60	.88	179	.08	38	1.77	.06	.13	13	50

SAMPLE#	MO PPM	CU PPH	PB PPH	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	M PPM	AU# PPB
87023236	2	95	15	143	.2	65	22	440	5.14	20	5	ND	5	26	1	2	2	115	.39	.069	9	80	1.24	110	.17	2	3.55	.02	.07	1	6
87023237	1	42	10	116	.4	33	12	328	4.06	17	5	ND	3	27	1	2	2	104	.37	.084	7	59	.88	94	.15	3	2.35	.02	.06	2	4
87023238	3	62	11	100	.2	34	12	423	4.87	20	5	ND	1	38	1	2	2	133	.51	.069	7	63	1.08	95	.15	2	2.20	.01	.08	2	7
87023239	3	34	11	96	.1	25	11	768	4.06	15	5	ND	2	32	1	2	2	118	.43	.066	8	55	.76	137	.12	2	1.76	.02	.10	1	1
87023240	5	266	13	193	2.5	95	18	990	7.81	35	5	ND	4	112	2	3	2	137	1.58	.081	25	100	1.13	212	.10	2	4.80	.02	.16	1	5
87023241	7	245	12	196	2.1	91	16	959	6.54	32	5	ND	2	138	2	3	2	115	2.18	.089	28	86	1.00	194	.08	5	4.21	.02	.14	1	5
87023242	3	100	9	103	1.2	36	7	449	2.39	16	5	ND	1	173	1	2	2	46	3.59	.093	16	37	.54	118	.04	5	1.68	.01	.05	1	4
87023243	4	186	12	127	3.5	63	10	957	3.72	14	5	ND	1	145	2	2	2	66	3.16	.092	37	55	.56	127	.06	4	3.07	.02	.10	1	5
87023244	1	19	10	71	.3	14	6	528	2.23	6	5	ND	1	26	1	2	2	66	.39	.048	8	29	.30	87	.12	3	1.14	.01	.06	1	4
87023245	1	33	8	73	.2	25	8	250	3.43	13	5	ND	2	26	1	2	3	100	.29	.065	8	48	.70	56	.14	5	1.58	.01	.06	1	3
87023246	1	24	12	81	.2	19	11	771	2.97	8	5	ND	2	17	1	2	2	78	.21	.094	7	40	.47	74	.12	2	1.60	.01	.05	1	1
87023247	1	21	13	79	.4	19	10	1170	2.94	9	5	ND	1	18	1	2	2	87	.24	.061	7	40	.48	61	.14	7	1.20	.02	.05	1	2
87023248	1	23	13	94	.4	20	8	591	3.17	11	5	ND	2	23	1	2	2	84	.34	.087	6	39	.52	61	.15	3	1.32	.01	.06	1	2
87023249	1	47	11	136	.2	34	11	303	4.65	15	5	ND	3	41	1	2	2	123	.40	.048	7	54	.82	94	.17	2	2.02	.01	.06	1	2
87023250	2	35	15	104	.3	19	8	455	3.40	15	5	ND	1	37	1	2	2	108	.54	.052	7	37	.48	111	.14	9	1.19	.02	.09	2	3
87023251	2	56	8	115	.3	30	14	695	4.51	16	5	ND	1	42	1	2	2	116	.60	.068	9	50	.77	126	.17	2	2.19	.02	.10	1	6
87023252	3	66	11	128	.4	35	15	602	4.89	18	5	ND	2	39	1	2	2	122	.54	.064	9	57	.98	116	.17	2	2.57	.02	.10	1	4
87023253	4	103	7	176	1.2	44	14	1363	4.80	17	5	ND	2	41	2	2	2	105	.46	.092	17	58	.65	192	.14	12	3.00	.03	.15	1	1
87023254	4	102	12	160	1.0	43	14	1012	4.76	19	5	ND	2	45	2	2	2	108	.53	.072	17	57	.70	171	.14	2	2.84	.02	.13	1	1
87023255	2	149	8	77	1.4	22	4	386	1.60	5	7	ND	2	148	1	2	2	35	3.65	.337	35	23	.25	148	.03	4	2.08	.02	.05	1	8
87023256	1	48	4	135	.3	22	13	225	4.29	9	5	ND	3	20	1	2	2	107	.32	.053	8	41	.68	57	.19	5	3.87	.02	.06	1	2
87023257	1	19	9	63	.2	10	7	176	3.40	7	5	ND	2	11	1	2	2	107	.16	.065	5	22	.31	37	.18	2	1.37	.02	.04	1	1
87023075	5	35	17	175	.5	26	9	192	4.95	33	5	ND	2	23	1	2	2	101	.31	.041	8	44	.62	100	.12	2	2.13	.01	.05	1	17
STD C/AU-S	20	63	42	134	7.1	73	29	988	4.11	40	17	8	43	53	19	17	20	62	.49	.096	40	61	.93	173	.09	38	1.87	.07	.14	12	53
87023076	1	29	18	147	2.1	18	14	429	5.20	13	5	ND	4	14	1	2	2	137	.28	.055	5	42	.48	80	.16	2	1.98	.01	.04	1	13
87023077	1	22	21	129	1.4	17	11	455	4.49	12	5	ND	2	11	1	2	2	126	.16	.054	5	36	.40	66	.16	2	1.45	.01	.03	1	10
87023078	2	83	16	192	1.1	49	19	885	5.03	22	5	ND	3	26	2	2	2	122	.47	.062	12	61	.78	122	.16	5	3.28	.02	.05	1	2
87023079	2	90	17	194	.8	54	21	895	5.00	25	5	ND	3	28	1	2	2	118	.49	.061	12	65	.81	126	.15	2	3.76	.02	.05	1	1
87023080	5	85	10	215	.8	53	21	664	6.02	26	5	ND	4	37	2	2	2	138	.64	.102	12	69	.82	146	.20	2	4.12	.02	.07	1	5
87023081	3	90	14	222	1.0	44	17	1757	4.52	18	5	ND	2	67	1	2	2	98	1.42	.128	12	54	.72	182	.12	2	3.20	.02	.05	1	2
87023082	4	99	18	241	1.0	46	18	1988	4.64	16	5	ND	2	70	2	2	2	97	1.47	.132	13	56	.77	187	.13	2	3.44	.02	.05	1	2
87023083	2	46	15	146	.5	27	11	668	5.25	23	5	ND	2	37	1	2	2	139	.57	.086	7	53	.80	104	.16	2	2.34	.01	.06	1	15
87023084	5	60	16	165	.6	33	13	902	5.16	18	5	ND	2	42	2	2	2	129	.63	.056	9	56	.93	88	.17	2	2.58	.02	.05	1	6
87023085	4	140	16	273	1.1	43	17	793	4.94	16	5	ND	2	68	2	2	2	110	.85	.059	10	51	.57	99	.15	3	2.45	.02	.05	1	1
87023086	3	166	10	298	1.0	46	18	707	5.20	20	5	ND	3	80	2	2	2	112	1.00	.064	10	52	.51	98	.16	2	2.48	.02	.06	1	5
87023087	3	172	12	270	1.0	46	17	747	4.82	20	5	ND	2	94	4	2	2	101	1.32	.077	12	50	.48	97	.12	2	2.64	.01	.06	1	5
87023088	3	163	14	255	1.2	45	17	855	4.67	19	5	ND	2	93	3	2	2	99	1.37	.079	12	49	.46	94	.11	2	2.63	.02	.05	1	5

SAMPLE#	NO PPM	CU PPM	PB PPM	ZN PPM	AS PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AUS PPB
87023089	5	158	21	164	1.8	46	17	664	6.09	22	5	ND	4	75	1	2	2	125	1.00	.066	14	72	.74	130	.14	2	3.19	.02	.10	2	4
87023090	4	157	16	143	.7	44	13	317	6.28	28	5	ND	4	48	1	2	2	137	.51	.049	13	73	.80	122	.16	3	3.38	.02	.09	1	4
87023091	5	187	17	165	1.1	57	19	498	6.36	29	5	ND	4	61	1	2	2	132	.69	.060	14	80	.95	179	.14	3	4.08	.02	.11	3	6
87023092	5	174	18	183	1.2	59	20	519	6.33	28	5	ND	3	72	1	2	2	131	.80	.064	13	82	.98	192	.14	3	4.12	.02	.12	1	8
87023093	1	43	17	204	.9	30	17	586	4.30	12	5	ND	2	27	1	2	2	99	.34	.090	9	58	.76	114	.17	2	2.59	.01	.06	1	2
87023094	2	44	15	182	.5	33	14	403	4.22	14	5	ND	2	26	1	2	2	97	.32	.094	9	59	.79	94	.16	2	2.69	.01	.06	1	11
87023095	2	43	12	147	.3	24	15	1363	3.67	8	5	ND	2	35	1	2	2	95	.43	.080	7	46	.66	136	.14	5	1.70	.01	.07	1	3
87023096	4	314	16	163	3.4	55	16	1129	4.58	18	5	ND	2	77	1	2	2	94	1.29	.084	24	75	.62	109	.09	2	3.43	.02	.07	1	6
87023097	2	74	20	186	.9	39	16	563	4.99	16	5	ND	3	52	1	2	2	117	.77	.038	9	64	.92	98	.16	2	3.01	.02	.07	1	3
87023098	2	179	17	193	2.3	42	14	1117	3.72	13	5	ND	1	94	2	2	2	80	1.77	.079	12	55	.79	102	.09	2	2.25	.02	.07	1	6
87023099	4	111	12	167	1.4	35	13	2547	3.72	15	5	ND	1	103	2	2	2	72	2.25	.106	10	46	.52	155	.06	5	2.28	.01	.05	1	2
87023100	1	86	16	115	.5	26	14	522	5.25	12	5	ND	3	38	1	2	2	131	.40	.160	6	51	1.14	82	.13	4	2.45	.01	.06	1	19
87023101	1	31	11	87	.4	14	7	357	3.84	8	5	ND	4	22	1	2	4	89	.23	.197	6	34	.40	56	.16	2	2.08	.02	.05	1	56
87023102	1	15	17	46	.2	7	4	206	2.14	4	5	ND	2	15	1	2	2	60	.16	.134	4	17	.19	43	.17	2	.89	.01	.03	3	1
87023103	1	33	14	81	.5	14	8	966	3.05	6	5	ND	2	18	1	2	2	77	.26	.101	4	28	.30	70	.15	2	1.68	.01	.05	1	20
87023104	1	11	8	53	.2	8	5	202	2.22	2	5	ND	1	15	1	2	2	66	.20	.033	4	18	.19	43	.12	2	.83	.01	.03	1	97
87023105	1	28	13	99	.3	16	9	944	3.02	7	5	ND	2	18	1	2	5	87	.25	.068	5	32	.44	72	.11	2	1.45	.01	.04	1	6
87023106	2	56	16	123	.4	22	13	1272	3.76	12	5	ND	1	25	1	2	2	101	.28	.068	5	42	.59	100	.09	2	1.69	.01	.05	2	2
87023107	2	112	15	129	1.1	30	11	985	3.03	12	5	ND	1	91	1	2	2	69	2.02	.080	8	41	.57	98	.07	2	1.73	.01	.05	1	1
87023108	2	66	14	130	.7	35	14	576	4.01	17	5	ND	3	49	1	2	2	81	.98	.046	7	50	.63	84	.13	3	2.67	.02	.05	1	6
87023109	1	42	17	103	.6	19	9	278	3.31	14	5	ND	2	29	1	2	2	86	.57	.036	6	38	.39	74	.13	3	1.67	.02	.04	2	1
87023110	2	47	12	145	.3	29	13	366	4.66	19	5	ND	2	24	1	2	3	117	.28	.056	7	56	.79	141	.15	2	2.17	.01	.06	1	38
87023111	2	117	18	189	1.0	54	20	596	5.65	29	5	ND	4	26	1	2	2	126	.37	.037	13	76	1.05	124	.16	3	3.44	.02	.08	1	3
87023112	2	66	19	124	.5	37	15	308	4.56	21	5	ND	3	23	1	2	4	113	.30	.049	9	64	.87	89	.14	6	2.35	.01	.06	2	3
87023113	1	59	16	135	.4	35	17	1407	4.14	22	5	ND	2	32	1	2	2	104	.49	.094	7	67	1.00	121	.11	3	1.86	.01	.09	3	20
87023114	1	26	14	104	.2	22	10	381	3.75	13	5	ND	2	34	1	2	2	91	.58	.147	5	49	.60	67	.11	2	1.73	.01	.07	2	153
87023115	1	26	15	90	.3	18	10	627	3.18	10	5	ND	2	16	1	2	2	79	.26	.085	5	38	.41	55	.12	2	1.43	.01	.05	4	6
87022953	2	16	14	131	.5	14	5	619	2.60	18	5	ND	2	16	1	2	2	80	.22	.044	6	30	.33	94	.11	2	1.49	.01	.04	1	1
87022954	1	19	16	133	.8	16	6	413	3.17	23	5	ND	2	15	1	2	2	87	.20	.054	6	34	.38	82	.12	2	1.81	.01	.04	2	1
87022955	2	36	16	139	.9	23	8	272	4.01	23	5	ND	2	19	1	2	2	110	.19	.058	8	48	.64	79	.10	4	1.69	.01	.04	2	2
87022956	3	53	21	163	1.2	30	10	318	4.63	27	5	ND	2	21	2	2	2	113	.21	.062	8	57	.85	91	.10	2	2.17	.01	.05	3	6
87022957	2	13	6	48	.3	13	4	71	2.06	18	5	ND	2	8	1	5	2	55	.09	.018	6	13	.09	68	.06	2	.63	.01	.03	1	2
87022958	1	19	13	91	.5	18	7	199	4.24	14	5	ND	2	13	1	2	2	118	.17	.076	5	41	.43	92	.15	2	1.81	.01	.03	2	2
87022959	1	29	15	125	.2	19	11	1088	3.67	9	5	ND	2	13	1	2	3	88	.20	.117	6	39	.42	117	.13	2	2.16	.01	.04	2	1
87022960	1	43	20	131	.3	27	13	634	5.09	15	5	ND	3	15	1	2	2	110	.20	.131	5	49	.67	99	.16	2	2.64	.01	.05	1	5
87022961	1	40	23	180	.4	34	13	512	5.05	18	5	ND	2	20	1	2	2	130	.31	.074	6	56	.81	103	.14	2	2.02	.01	.06	1	9
STD C/AU-S	18	62	43	131	7.3	70	29	1040	3.92	40	21	8	39	49	18	16	22	61	.48	.094	39	58	.88	178	.07	39	1.78	.06	.14	12	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	M PPM	AU# PPM
87022962	2	26	16	141	.7	23	11	506	4.98	18	5	ND	4	30	1	2	2	155	.37	.100	7	52	.63	196	.19	4	1.69	.01	.10	1	1
87022963	1	40	13	140	.6	25	12	424	4.44	14	5	ND	3	30	1	2	2	123	.31	.069	7	54	.82	91	.19	2	2.49	.02	.07	1	1
87022964	2	52	14	180	.8	27	11	329	5.12	19	5	ND	2	40	1	2	2	128	.55	.059	7	56	.71	124	.15	3	2.59	.02	.06	1	7
87022965	1	21	18	104	.5	14	6	387	3.56	11	5	ND	2	50	1	2	2	119	.70	.092	6	32	.42	138	.18	3	1.22	.01	.10	1	1
87022966	1	21	14	73	1.0	12	6	194	3.49	12	5	ND	2	18	1	2	3	119	.18	.061	6	30	.32	74	.17	2	1.26	.02	.04	1	3
87022967	4	33	18	125	.8	22	11	337	4.94	17	5	ND	3	18	1	2	3	129	.20	.084	6	45	.59	72	.15	2	2.17	.02	.05	1	1
87022968	2	60	15	195	.6	37	20	1771	5.35	21	5	ND	3	30	2	2	2	131	.34	.093	9	65	1.00	114	.16	2	2.64	.01	.08	1	1
87022969	2	69	30	237	1.5	26	13	741	5.09	20	5	ND	2	17	2	2	2	140	.18	.082	8	53	.50	96	.17	3	2.28	.02	.06	1	3
87022970	4	106	12	256	.8	44	19	1259	5.30	26	5	ND	4	48	2	2	2	123	.70	.055	11	60	.77	130	.17	3	3.25	.02	.07	1	1
87022971	4	121	17	277	.6	43	19	1244	5.10	18	5	ND	3	53	2	2	2	118	.85	.051	11	57	.71	115	.17	3	3.07	.02	.06	1	1
87022972	1	56	23	182	.6	32	14	422	5.52	211	5	ND	2	26	1	2	2	133	.34	.096	6	60	.69	75	.16	2	2.10	.02	.06	2	1
87022973	1	42	20	159	.6	23	16	1169	4.69	36	5	ND	1	25	1	2	2	123	.37	.074	6	42	.54	94	.15	2	1.82	.02	.05	1	1
87022974	1	46	13	126	.4	28	14	901	4.68	18	5	ND	3	29	1	2	3	116	.31	.169	8	56	.91	143	.14	2	2.13	.02	.08	1	7
87022975	1	41	12	116	.6	23	11	412	4.18	15	5	ND	1	33	1	2	2	111	.36	.129	7	46	.69	126	.13	2	1.63	.02	.07	1	1
87022976	2	89	12	123	.8	38	12	388	4.75	18	5	ND	2	27	1	2	3	122	.27	.074	7	55	.72	106	.16	6	2.62	.02	.06	3	3
87022977	3	127	16	145	.4	48	21	808	5.64	27	5	ND	3	45	1	2	2	133	.45	.066	11	80	1.47	99	.15	2	2.76	.02	.11	1	1
87022978	2	67	15	114	.5	29	12	766	4.68	18	5	ND	1	33	1	2	2	118	.34	.103	8	54	.82	90	.13	8	2.14	.02	.06	1	23
87022979	3	79	18	110	.6	28	10	304	4.85	21	5	ND	2	23	1	2	2	120	.34	.064	9	55	.74	82	.14	6	1.88	.02	.07	1	5
87022980	3	178	12	175	1.7	43	18	660	4.88	33	5	ND	2	58	2	2	2	101	.96	.097	12	71	.84	83	.08	2	2.67	.03	.09	1	5
87022981	4	135	20	104	.8	36	12	374	5.29	24	5	ND	3	36	1	2	2	123	.67	.058	11	62	.68	71	.16	4	1.96	.02	.06	1	8
87022982	2	148	13	178	1.5	38	13	795	5.74	19	5	ND	2	44	1	2	2	120	.90	.117	15	69	.59	115	.13	5	2.44	.02	.11	1	5
87022983	4	160	17	172	1.1	48	17	808	6.24	31	5	ND	2	47	2	3	2	126	1.03	.101	10	75	.86	183	.10	6	3.08	.02	.17	1	4
87022984	4	213	15	202	2.4	55	17	1113	6.17	19	5	ND	3	56	2	2	2	119	1.04	.096	12	69	.67	193	.13	2	2.96	.02	.12	1	5
87022985	4	284	23	199	3.2	56	17	860	7.32	30	5	ND	2	57	2	3	2	135	.88	.119	15	77	.64	255	.14	2	3.06	.02	.13	1	1
87022986	3	286	11	179	1.6	51	20	1080	5.52	25	5	ND	2	52	1	2	2	112	1.28	.111	14	69	1.06	144	.10	6	2.75	.02	.14	1	2
87022987	3	257	15	184	1.8	42	18	1741	4.38	17	5	ND	2	66	3	2	2	92	1.76	.119	17	55	.79	160	.09	3	2.74	.03	.08	1	9
87022988	4	159	15	228	1.7	62	19	1182	5.11	23	5	ND	4	105	1	2	2	96	2.15	.101	22	78	.99	288	.10	5	3.80	.03	.13	1	8
87022989	3	131	13	130	1.6	39	14	714	3.63	24	5	ND	2	151	1	2	2	74	2.95	.123	18	53	.58	167	.05	2	2.41	.02	.08	2	12
87022990	2	77	12	140	1.2	27	10	641	2.89	15	5	ND	1	127	1	2	2	68	2.59	.094	9	40	.53	108	.07	6	1.66	.03	.06	2	3
87022991	5	182	15	175	2.1	60	19	1343	4.76	24	5	ND	3	100	3	3	2	96	1.66	.092	22	68	.83	154	.08	3	2.85	.02	.10	1	2
87022992	2	99	7	149	.9	35	13	616	3.47	16	5	ND	1	109	1	2	2	74	2.42	.105	10	56	.81	138	.07	5	2.05	.04	.08	1	1
87022993	1	85	4	58	.9	21	6	453	1.48	8	5	ND	1	72	1	2	2	30	1.68	.059	6	24	.28	73	.02	4	.93	.01	.03	1	4
87022999	2	75	4	55	.6	17	5	423	1.16	7	5	ND	1	192	1	2	2	26	5.63	.088	5	18	.25	89	.03	7	.80	.01	.03	4	1
87023000	2	132	8	124	1.0	44	14	626	3.87	20	5	ND	2	95	1	2	2	79	1.99	.084	11	59	.76	129	.09	3	2.47	.02	.07	1	6
87023001	3	129	8	116	.8	44	15	710	3.78	24	5	ND	2	111	1	2	2	81	2.52	.091	12	60	.76	121	.08	7	2.24	.02	.06	3	4
87023003	2	15	5	31	.2	9	4	78	1.53	5	5	ND	1	20	1	2	2	65	.26	.014	5	18	.17	30	.09	2	.63	.01	.03	2	2
STD C/AU-S	18	63	42	131	7.4	71	29	940	3.95	38	18	7	38	51	18	17	22	60	.48	.092	38	61	.88	182	.09	36	1.79	.06	.14	13	50

SAMPLE#	MO PPH	CU PPH	PB PPH	ZN PPH	AG PPH	NI PPH	CO PPH	MN PPH	FE %	AS PPH	U PPH	AU PPH	TH PPH	SR PPH	CD PPH	SB PPH	BI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MG %	BA PPH	TI %	B PPH	AL %	MA %	K %	W PPH	AUS PPB
87023004	1	40	19	88	.1	31	13	235	3.81	23	5	ND	5	28	1	2	2	98	.29	.066	8	57	.80	84	.17	2	2.10	.02	.07	1	2
87023005	5	130	14	97	1.3	37	10	1104	2.72	18	20	ND	3	175	1	4	2	61	3.81	.120	21	43	.49	129	.08	6	1.79	.02	.06	1	1
87023006	1	32	13	123	.3	26	11	233	4.19	22	5	ND	3	26	2	2	2	109	.34	.145	8	51	.60	94	.17	4	1.92	.02	.06	1	1
87023007	2	27	13	73	.1	19	10	440	3.58	17	5	ND	2	29	1	4	2	105	.39	.088	6	41	.56	77	.16	3	1.52	.02	.08	1	2
87023008	1	19	13	65	.2	14	10	305	2.88	12	5	ND	2	16	1	3	2	84	.20	.085	6	32	.40	67	.17	2	1.40	.02	.05	2	2
87023009	1	24	13	65	.2	13	12	492	2.22	7	5	ND	1	17	1	2	2	68	.20	.048	7	27	.34	70	.15	3	1.17	.02	.06	1	1
87023010	1	18	16	85	.3	13	7	232	2.80	10	5	ND	2	17	1	2	2	78	.20	.077	7	29	.32	111	.22	4	1.55	.02	.06	1	1
87023011	1	32	16	102	.2	18	11	253	3.49	13	5	ND	2	16	1	2	3	90	.20	.083	7	41	.57	74	.19	2	2.53	.02	.06	2	1
87023012	2	47	16	92	.2	24	11	424	3.42	16	5	ND	2	27	1	2	2	94	.30	.058	10	43	.63	100	.18	2	1.96	.02	.08	2	1
87023013	2	73	19	135	.5	36	21	1234	4.93	19	5	ND	2	45	2	2	2	131	.62	.072	12	67	1.32	125	.19	6	2.79	.02	.12	1	1
87022831	2	39	15	132	.6	25	10	284	4.44	33	5	ND	3	29	2	2	3	124	.28	.051	8	56	.82	84	.18	3	2.45	.02	.06	1	3
87022832	3	73	15	197	.8	43	19	579	5.09	31	5	ND	3	32	3	4	2	127	.33	.066	9	74	1.37	109	.17	4	2.88	.02	.08	1	6
87022833	4	51	15	216	2.2	68	15	246	4.67	44	5	ND	3	15	2	2	2	76	.16	.072	9	40	.39	116	.14	2	1.75	.02	.05	1	4
87022834	4	42	19	191	2.3	56	13	219	4.14	40	5	ND	3	14	2	6	2	74	.14	.063	8	38	.34	107	.14	3	1.63	.03	.05	1	2
87022835	6	44	20	194	2.3	56	13	213	4.28	40	5	ND	3	15	2	6	2	78	.15	.063	8	39	.37	107	.14	3	1.63	.04	.05	1	6
87022836	3	29	19	135	.7	27	9	301	3.81	19	5	ND	2	25	2	3	2	112	.26	.064	8	42	.60	140	.16	2	1.79	.02	.05	1	2
87022837	3	48	19	121	.7	29	11	392	6.16	20	5	ND	3	22	2	3	2	139	.25	.130	8	64	.83	130	.19	2	3.56	.02	.05	1	7
87022838	4	60	21	169	.6	35	16	443	5.29	27	5	ND	4	30	2	2	2	136	.23	.037	11	71	1.09	116	.20	5	2.93	.02	.05	3	4
87022839	5	60	13	173	.6	36	16	459	5.30	25	5	ND	3	31	2	2	2	137	.24	.036	11	70	1.12	117	.20	3	2.99	.04	.06	3	7
87022840	4	59	17	168	.7	35	16	438	5.17	26	5	ND	4	31	3	3	2	136	.25	.035	12	71	1.10	111	.20	2	2.88	.02	.06	2	30
87022841	5	59	16	166	.7	35	16	429	5.21	26	5	ND	3	31	2	2	3	136	.24	.035	11	70	1.09	114	.20	3	2.88	.02	.06	3	21
87022843	1	16	12	63	.3	11	7	176	3.20	6	5	ND	1	15	1	2	3	107	.17	.041	5	21	.21	39	.19	2	.67	.02	.04	1	9
87022844	3	27	16	133	.4	22	10	339	4.81	19	5	ND	3	27	1	2	2	151	.33	.049	8	46	.56	88	.20	2	1.68	.02	.06	1	6
87022845	4	41	19	94	.3	26	11	571	4.79	18	5	ND	2	41	1	2	2	140	.74	.046	6	48	.71	136	.17	7	1.99	.02	.06	1	14
87022846	4	67	24	199	.4	42	17	734	7.10	24	5	ND	2	41	2	3	2	145	.71	.070	10	70	.80	157	.12	3	2.52	.02	.08	1	12
87022847	2	25	16	254	.6	21	10	534	4.32	14	5	ND	1	20	1	2	3	125	.21	.063	6	43	.45	85	.17	4	1.46	.02	.04	2	2
87022848	2	61	13	121	.2	30	18	703	5.37	18	5	ND	3	21	1	2	2	137	.23	.120	8	56	.78	84	.19	2	2.72	.02	.08	2	8
87022849	2	65	22	123	.2	31	19	849	5.61	20	5	ND	3	22	1	2	2	138	.23	.132	8	58	.81	89	.19	2	2.84	.02	.09	2	6
87022850	1	69	16	112	.2	33	17	518	5.46	18	5	ND	3	22	1	2	2	137	.24	.113	9	59	.91	77	.19	2	2.91	.02	.08	3	3
87022851	2	58	14	114	.2	28	17	599	5.01	17	5	ND	3	19	1	2	2	128	.22	.129	7	55	.71	74	.18	2	2.74	.02	.08	3	5
87022852	2	53	15	117	.4	26	12	852	4.66	19	5	ND	3	32	1	4	2	117	.27	.185	9	54	.72	137	.15	3	1.80	.02	.09	3	1
87022853	5	127	18	156	.3	45	23	913	5.72	28	5	ND	3	39	1	4	2	134	.37	.080	12	82	1.38	93	.15	6	2.79	.02	.12	5	12
87022854	1	41	16	125	.4	23	11	408	4.81	19	5	ND	3	27	1	2	3	128	.27	.202	8	51	.71	99	.16	2	1.80	.02	.08	1	4
87022855	2	71	13	149	.2	36	14	326	5.42	24	5	ND	4	20	1	2	2	127	.19	.184	8	64	.97	86	.16	8	3.46	.02	.07	3	3
87022856	1	12	5	36	.1	7	4	116	1.41	7	5	ND	1	6	1	2	2	36	.05	.021	2	14	.18	20	.04	2	.54	.01	.01	4	6
87022857	1	47	16	176	.3	31	18	1008	4.83	16	5	ND	2	34	1	2	2	116	.30	.131	8	56	.89	81	.17	2	2.61	.02	.07	1	3
STD C/AU-S	20	63	40	135	7.1	70	30	1045	3.94	41	23	9	47	57	19	18	20	61	.48	.102	43	63	.88	187	.10	36	1.79	.07	.15	12	52

REBAGLIATI GEOLOGICAL PROJECT-REBAGLIATI HC FILE # 87-3122

SAMPLE#	NO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE I	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA I	P I	LA PPM	CR PPM	MG I	BA PPM	TI I	B PPM	AL I	NA I	K I	W PPM	AU# PPM
87022858	1	67	13	108	.2	31	14	333	5.01	12	5	ND	4	31	1	2	2	123	.25	.152	7	57	1.03	68	.18	4	2.81	.01	.05	1	13
87022859	1	45	12	115	.1	33	14	357	4.48	15	5	ND	3	29	1	2	2	122	.29	.078	8	56	.98	69	.17	2	2.50	.01	.05	2	15
87022860	2	38	6	129	.3	25	14	387	3.90	11	5	ND	2	20	1	2	2	98	.27	.122	8	45	.74	81	.13	2	2.27	.01	.06	1	8
87022861	3	331	15	147	1.0	59	18	655	4.95	25	5	ND	3	43	1	2	2	113	.95	.046	13	68	1.16	144	.13	8	2.85	.02	.11	1	10
87022862	1	94	9	136	.6	33	14	412	4.40	20	5	ND	2	24	1	2	2	110	.41	.048	10	52	.75	147	.14	2	2.48	.02	.05	1	3
87022863	1	48	11	130	.4	26	14	525	4.10	14	5	ND	2	19	1	2	2	99	.26	.072	10	47	.77	87	.14	2	2.22	.01	.07	1	5
87022864	2	61	14	130	.6	32	16	437	4.09	19	5	ND	2	56	1	2	2	98	.73	.061	12	52	.90	95	.14	6	2.57	.02	.08	1	5
87022865	2	50	14	136	.2	23	15	1377	3.82	12	5	ND	1	33	1	2	2	93	.37	.140	8	41	.61	163	.11	2	1.68	.01	.07	1	8
87022866	2	78	11	140	.4	34	15	581	4.61	17	5	ND	2	80	1	2	2	103	.92	.060	9	52	.64	101	.14	2	2.65	.02	.07	1	5
87022867	3	79	12	137	.4	32	15	527	4.92	22	5	ND	1	38	1	2	2	116	.54	.091	5	50	.88	80	.14	2	2.24	.01	.06	3	6
87022868	2	57	11	151	.4	30	19	650	4.34	28	5	ND	2	38	2	2	2	115	.49	.140	10	56	.77	129	.12	2	2.56	.01	.06	2	14
87022869	2	61	17	138	.5	36	16	607	4.27	19	5	ND	2	56	2	2	2	102	.91	.056	9	55	.81	94	.13	2	2.26	.02	.07	1	29
87022870	3	56	8	142	.3	42	17	669	4.50	29	5	ND	2	35	1	2	2	105	.50	.169	9	63	1.12	142	.12	3	2.33	.01	.10	1	12
87022871	1	21	12	139	.4	19	11	963	2.83	9	5	ND	1	30	1	2	2	71	.37	.125	7	33	.38	115	.13	2	1.11	.01	.07	1	4
87022709	3	58	18	188	.5	33	14	639	5.73	24	5	ND	2	20	1	2	2	142	.26	.118	6	55	.84	104	.16	2	2.66	.01	.07	3	4
87022710	5	43	14	162	.3	32	11	354	5.19	40	5	ND	2	27	1	2	2	138	.27	.077	8	58	.91	118	.15	2	2.64	.01	.06	1	9
87022711	3	31	14	113	.3	20	9	413	4.35	20	5	ND	2	24	1	2	2	125	.25	.095	8	46	.62	100	.14	2	2.10	.01	.05	2	34
87022713	9	68	19	233	.8	40	9	198	5.83	117	5	ND	2	13	2	6	2	76	.10	.107	11	29	.30	125	.05	2	1.82	.01	.05	1	11
87022714	5	26	22	176	.8	23	8	253	4.90	38	5	ND	2	17	1	4	2	131	.19	.069	7	39	.47	83	.17	2	1.67	.01	.05	1	4
87022715	4	42	18	165	.8	29	11	277	6.38	27	5	ND	2	18	1	2	2	137	.19	.095	6	52	.65	110	.20	13	2.92	.02	.05	1	3
87022716	2	52	16	168	.7	31	14	406	5.47	18	5	ND	3	15	1	2	2	120	.20	.064	6	48	.53	95	.18	2	2.78	.02	.05	1	3
87022717	13	97	10	990	1.7	56	20	668	5.60	18	5	ND	2	17	3	2	2	158	.28	.076	8	74	1.10	138	.17	3	4.27	.02	.06	1	16
87022718	13	107	10	986	1.6	60	18	587	5.55	21	5	ND	2	18	2	2	2	158	.28	.073	8	76	1.14	136	.17	2	4.35	.02	.06	1	12
87022719	11	107	12	921	1.7	56	17	488	5.41	17	5	ND	3	18	3	2	2	154	.28	.068	9	72	1.08	124	.18	2	4.20	.02	.06	1	18
87022720	2	64	15	239	.7	33	16	684	5.23	27	5	ND	3	17	1	2	3	112	.20	.171	7	51	.66	101	.19	8	3.99	.02	.06	1	6
87022721	4	87	18	252	.6	41	21	1045	5.86	19	5	ND	2	20	2	2	2	127	.25	.117	7	54	.90	114	.16	4	2.90	.01	.05	1	4
87022722	6	85	16	267	.5	42	22	995	6.04	18	5	ND	2	20	2	2	2	135	.26	.119	7	54	.90	110	.16	2	2.79	.02	.05	1	9
87022723	3	30	17	147	.3	26	10	653	4.91	15	5	ND	1	21	1	2	2	141	.22	.053	8	49	.69	111	.16	2	2.20	.01	.04	1	3
87022724	5	47	14	226	.5	38	15	533	4.67	25	5	ND	3	20	2	2	2	117	.24	.053	8	55	.80	100	.16	2	2.75	.01	.06	3	2
STD C/AU-S	21	60	38	137	7.2	72	29	999	4.07	41	24	8	41	53	20	17	21	63	.47	.097	40	58	.88	174	.09	36	1.82	.06	.14	13	47
87022725	3	53	15	219	.5	42	16	534	4.59	26	5	ND	4	20	1	2	2	113	.24	.052	8	55	.80	96	.16	3	2.84	.01	.06	1	3
87022726	5	57	18	247	.6	45	16	516	5.09	33	5	ND	5	22	1	2	2	123	.26	.056	8	62	.89	114	.17	3	3.19	.02	.06	3	11
87022727	6	62	18	235	.6	47	18	502	5.48	34	5	ND	4	24	1	2	2	128	.28	.064	10	66	.94	101	.18	2	3.48	.01	.07	3	4
87022728	3	65	14	206	.9	34	16	707	5.60	27	5	ND	3	18	1	2	2	116	.20	.190	8	54	.69	99	.19	3	3.93	.02	.07	1	5
87022729	8	41	27	230	.6	41	12	589	5.00	17	5	ND	2	18	1	2	2	177	.22	.065	7	55	.52	135	.15	2	2.02	.02	.05	1	6
87022587	3	30	21	151	.2	17	9	850	5.22	8	5	ND	2	14	1	2	2	143	.27	.132	5	39	.51	78	.17	2	1.89	.01	.05	1	9
87022588	3	27	18	164	.5	23	7	217	4.27	17	5	ND	2	23	1	2	2	128	.33	.044	8	49	.60	86	.14	5	2.40	.02	.04	1	3

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SD	BI	V	CA	P	LA	CR	HG	BA	TI	B	AL	NA	K	W	AUS
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	%	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	%	%	PPH	PPH	%	PPH	%	PPH	%	%	%	PPH	PPB
87022482	3	94	9	510	.5	56	23	609	5.72	23	5	ND	6	24	1	2	5	117	.26	.093	9	73	.90	158	.22	2	5.12	.02	.09	2	3
87022483	1	37	12	81	.3	23	9	504	3.63	14	5	ND	2	22	1	2	7	107	.26	.064	6	41	.61	74	.17	2	1.79	.02	.05	1	2
87022484	1	38	10	113	.1	27	13	814	4.32	15	5	ND	2	19	1	2	5	117	.22	.109	7	52	.71	104	.19	5	2.14	.02	.05	1	2
87022485	1	34	15	104	.3	25	11	771	4.05	14	5	ND	2	17	1	2	4	112	.20	.095	7	47	.63	96	.18	2	1.97	.02	.05	1	1
87022343	2	82	13	306	.5	52	16	615	5.59	33	5	ND	3	24	1	2	2	124	.29	.084	9	71	1.09	105	.19	2	4.10	.01	.07	1	5
87022344	1	44	16	213	.5	33	13	481	5.04	21	5	ND	2	31	1	2	2	119	.35	.082	8	57	.82	125	.21	2	2.90	.01	.06	1	6
87022345	3	39	16	196	.6	30	11	273	5.16	23	5	ND	3	36	1	2	4	129	.34	.090	9	57	.88	108	.24	4	2.66	.02	.05	1	2
87022346	4	33	19	173	.4	19	9	371	4.49	19	5	ND	1	11	1	2	2	108	.09	.081	7	30	.29	80	.10	4	1.54	.02	.04	1	6
87022347	1	31	17	137	.7	21	8	275	4.77	19	5	ND	2	14	1	2	2	119	.18	.075	7	39	.49	68	.15	2	1.86	.01	.05	1	13
87022348	2	26	10	147	.5	24	10	268	4.12	17	5	ND	2	22	1	2	2	107	.25	.099	8	50	.67	107	.18	2	2.15	.02	.05	1	4
87022349	2	42	14	155	.6	30	9	240	4.70	37	5	ND	3	27	1	2	2	110	.27	.044	8	52	.63	111	.20	3	3.00	.02	.05	2	4
87022350	1	21	11	190	.8	15	11	378	3.62	13	5	ND	1	24	2	2	3	66	.23	.106	7	23	.24	103	.16	2	2.81	.02	.04	1	10
87022351	2	302	16	622	3.8	97	13	1836	3.64	18	6	ND	2	84	11	2	4	64	1.53	.125	17	55	.58	108	.14	2	3.51	.03	.06	1	5
87022352	3	180	12	332	3.7	48	7	1499	2.13	20	5	ND	3	149	7	9	5	31	3.17	.216	11	39	.37	101	.11	2	5.12	.03	.03	1	2
87022353	1	21	12	175	.7	14	9	302	3.50	14	5	ND	2	24	1	3	2	66	.24	.103	6	22	.24	100	.17	2	2.45	.02	.04	1	11
87022354	2	23	16	164	.4	20	8	213	4.03	11	5	ND	1	27	1	2	4	106	.30	.097	7	41	.50	115	.19	2	1.78	.02	.05	1	2
87022355	8	51	22	121	.7	34	11	364	5.30	28	5	ND	1	27	1	2	2	133	.29	.076	9	51	.67	116	.16	2	1.86	.01	.06	1	15
87022356	7	111	27	273	1.2	118	27	359	7.96	47	5	ND	3	19	1	6	2	141	.21	.083	10	95	.92	110	.17	7	4.44	.01	.07	3	45
87022357	7	85	33	240	1.3	88	18	347	7.82	47	5	ND	2	17	1	2	2	145	.18	.081	9	88	.85	88	.18	2	3.41	.01	.07	2	265
87022358	2	80	15	199	.5	120	28	452	5.97	33	5	ND	4	27	1	2	2	136	.30	.059	9	83	1.19	98	.22	3	3.89	.01	.10	1	6
87022359	3	74	18	198	.6	115	28	558	5.88	30	5	ND	3	28	1	2	2	136	.32	.062	9	78	1.17	109	.21	4	3.69	.01	.10	1	8
87022360	1	93	12	192	.7	55	16	425	5.72	25	5	ND	4	23	1	2	4	129	.24	.099	8	86	1.20	101	.22	2	4.02	.01	.07	3	16
87022361	1	38	13	258	.5	31	12	461	4.42	18	5	ND	2	19	1	2	3	107	.21	.083	6	52	.65	110	.20	2	2.86	.02	.05	1	9
87022362	7	52	22	441	.6	51	21	1257	7.36	59	5	ND	3	27	2	16	2	129	.26	.101	8	69	.44	245	.21	2	2.36	.02	.04	2	24
87022363	1	33	14	263	.3	28	11	433	4.45	11	5	ND	3	14	1	2	4	97	.19	.125	6	50	.58	91	.20	2	3.40	.02	.06	3	16
87022364	1	19	15	66	.1	12	5	166	4.13	9	5	ND	2	11	1	2	4	94	.12	.081	5	32	.25	60	.21	2	1.69	.02	.03	2	1
87022365	1	37	15	102	.2	24	10	737	4.86	11	5	ND	3	13	1	2	2	98	.17	.167	5	40	.38	99	.25	2	3.81	.01	.05	1	13
87022366	1	39	16	110	.2	22	14	335	4.05	6	5	ND	2	16	1	2	4	89	.18	.093	7	43	.46	97	.20	2	2.68	.02	.05	2	7
87022367	1	23	16	58	.1	12	6	229	3.52	7	5	ND	2	11	1	2	2	96	.11	.067	4	29	.25	58	.19	7	1.80	.02	.02	1	1
87022368	2	48	15	153	.5	25	20	1584	4.41	7	5	ND	1	30	1	2	2	113	.43	.061	5	38	.46	106	.13	2	2.04	.02	.08	1	2
87022369	1	55	35	300	.5	35	16	510	4.80	14	5	ND	5	28	1	2	2	108	.43	.093	7	52	.87	80	.20	2	2.78	.01	.07	1	19
87022370	2	110	14	199	1.3	43	18	1358	5.04	20	5	ND	4	31	1	2	2	113	.53	.091	9	61	.73	120	.21	2	4.11	.02	.08	1	2
87022371	1	32	15	151	.4	17	11	538	3.47	6	5	ND	2	25	1	2	2	92	.28	.101	6	39	.40	76	.19	7	1.56	.02	.05	1	5
87022372	3	42	30	104	.4	16	8	181	3.89	7	5	ND	1	24	1	2	3	121	.31	.032	6	38	.48	80	.17	2	1.79	.01	.04	1	41
87022373	1	86	24	183	.7	23	14	413	4.58	27	5	ND	2	21	1	2	3	97	.25	.117	6	45	.56	71	.20	4	2.67	.02	.05	2	265
87022374	1	149	17	289	1.3	21	12	335	5.14	11	5	ND	5	25	2	4	2	90	.47	.129	8	44	.62	63	.26	2	5.16	.02	.04	1	4
STD C/AU-S	18	62	41	131	7.1	70	28	1040	3.86	38	18	8	40	51	19	15	21	60	.47	.087	38	61	.88	180	.09	39	1.77	.06	.13	14	50

SAMPLE#	NO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	HG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AUR PPB
87021535	3	85	23	141	.9	72	19	367	4.93	27	5	ND	7	58	3	2	107	.54	.040	13	106	1.11	133	.20	2	3.88	.02	.06	1	11	
87021536	2	80	50	157	1.0	97	22	310	5.15	25	5	ND	5	40	1	2	114	.40	.036	11	168	1.30	90	.19	8	3.96	.02	.05	1	48	
87021537	2	74	39	228	1.6	64	16	843	3.81	17	5	ND	4	69	2	3	2	74	.79	.065	11	86	.63	109	.19	4	3.59	.02	.05	1	2
87021538	3	187	18	104	1.8	31	12	1506	3.20	11	5	ND	1	106	2	2	2	72	1.43	.058	12	41	.46	111	.13	3	2.29	.03	.04	1	3
87021539	2	105	17	113	1.0	37	17	470	4.40	22	5	ND	3	65	1	2	2	104	.81	.045	11	61	1.00	111	.17	4	2.72	.02	.07	1	18
87021540	1	62	14	97	.9	29	14	271	3.50	15	5	ND	3	36	2	2	2	79	.38	.052	9	51	.61	80	.15	4	2.61	.02	.05	1	10
87021541	2	20	11	107	.4	18	11	311	2.92	13	5	ND	2	18	1	2	2	77	.26	.113	6	36	.44	68	.14	3	1.63	.02	.04	1	5
87021542	2	54	18	106	.4	29	13	548	3.31	18	5	ND	2	26	1	2	3	81	.39	.080	7	46	.76	79	.14	2	1.72	.01	.07	1	7
87021543	3	75	21	108	.4	37	17	477	4.28	21	5	ND	3	29	1	2	2	100	.44	.074	9	59	.96	100	.13	7	2.35	.02	.07	1	1
87021544	2	68	18	92	.2	32	15	428	4.16	23	5	ND	3	37	1	2	2	96	.41	.069	10	62	1.09	115	.14	3	1.88	.02	.07	2	1
87021545	3	61	19	112	.2	30	12	347	4.12	23	5	ND	3	30	1	2	2	88	.37	.051	10	54	.79	117	.14	9	2.05	.02	.07	2	1
87021546	4	87	27	143	1.3	36	13	513	4.61	28	5	ND	3	26	2	3	2	92	.36	.046	13	47	.55	150	.16	3	2.78	.02	.08	1	3
87021547 P	3	68	8	52	.4	14	4	601	.67	6	5	ND	1	282	1	7	2	19	6.17	.104	4	12	.19	112	.01	13	.56	.03	.03	2	2
87021548 P	2	56	10	37	.8	12	3	944	.59	13	5	ND	1	287	1	6	2	15	6.67	.120	5	9	.18	118	.01	15	.47	.03	.02	3	1
87021549	2	31	9	98	.3	19	8	229	3.06	12	5	ND	2	20	1	2	2	77	.30	.089	8	39	.64	71	.13	3	1.63	.01	.06	1	7
87021388	1	24	18	113	.5	47	14	430	3.42	13	5	ND	1	13	1	2	2	85	.19	.107	6	109	.64	83	.13	3	1.44	.01	.05	1	1
87021389	11	77	39	359	1.2	95	32	1345	9.08	80	5	ND	1	27	2	6	2	179	.22	.107	6	133	.67	99	.05	4	1.51	.01	.07	1	41
87021390	4	83	32	230	1.0	101	34	1402	8.31	38	5	ND	1	36	1	2	2	158	.44	.086	5	247	1.94	176	.16	10	2.64	.01	.11	1	5
87021391	1	38	54	157	.5	73	19	643	4.58	13	5	ND	1	21	1	2	2	108	.31	.039	6	156	1.45	107	.16	3	2.30	.01	.06	1	3
87021392	7	138	138	616	1.0	111	30	416	8.21	29	5	ND	3	32	1	2	2	305	.50	.068	6	242	2.12	100	.28	5	2.49	.02	.14	1	1
87021394	1	27	21	144	.2	33	13	318	3.41	10	5	ND	2	18	1	2	3	83	.30	.088	5	79	.72	70	.15	3	1.60	.01	.05	1	1
87021395	2	43	19	120	.4	47	16	789	4.12	17	5	ND	2	31	1	2	2	99	.52	.074	7	97	1.01	122	.16	8	2.32	.02	.05	1	1
87021396	2	41	13	124	.4	47	16	988	4.02	17	5	ND	2	33	1	2	2	96	.57	.074	7	95	1.00	137	.15	5	2.26	.01	.05	1	4
87021397	1	32	21	132	.3	34	14	588	3.65	14	5	ND	1	25	1	2	2	92	.37	.063	6	72	.74	85	.16	2	2.08	.02	.04	1	2
87021398	2	64	16	119	1.5	43	13	435	3.57	17	5	ND	2	90	1	2	2	80	1.76	.060	10	81	.74	122	.14	3	2.65	.01	.04	1	1
87021399	1	22	16	95	.3	33	8	199	2.75	8	5	ND	1	13	1	2	2	72	.19	.051	5	99	.54	79	.16	2	1.15	.02	.04	1	1
87021400	2	75	18	155	.4	39	19	554	4.39	15	5	ND	3	52	2	3	2	76	.65	.031	8	64	.39	181	.13	14	2.04	.02	.05	1	16
87021401	2	80	20	165	.8	59	20	317	4.69	10	5	ND	3	27	1	2	2	99	.37	.034	7	138	1.34	98	.22	4	3.63	.02	.05	1	6
87021402	1	49	22	287	.7	46	14	1622	3.67	13	5	ND	2	49	2	2	2	66	.87	.097	7	63	.67	119	.14	4	1.94	.02	.06	1	3
87021403	1	38	17	352	.9	38	14	383	5.43	21	5	ND	3	27	1	2	2	96	.30	.204	7	68	.70	108	.20	2	3.01	.02	.05	2	8
87021404	1	67	14	212	1.0	47	16	331	4.33	14	5	ND	3	23	1	2	2	98	.28	.086	7	78	.97	124	.18	7	3.31	.02	.06	1	7
87021405	2	27	19	111	.2	26	8	166	3.74	14	5	ND	2	22	1	3	2	123	.26	.030	9	70	.71	62	.16	3	1.58	.01	.04	2	27
87021406	2	68	21	155	.8	42	15	449	4.54	17	5	ND	3	35	1	2	2	98	.43	.070	9	71	.69	121	.16	2	3.13	.02	.06	1	12
87021407	2	35	17	139	.3	31	10	194	4.38	18	5	ND	3	24	1	2	2	129	.29	.029	8	81	.85	73	.17	2	1.89	.02	.04	2	1
87021408	1	68	21	229	.6	53	20	398	4.91	36	5	ND	4	23	1	2	2	93	.26	.163	10	87	.99	139	.14	2	3.40	.01	.06	2	50
87021409	1	41	22	187	.7	32	12	390	3.94	25	5	ND	3	17	2	2	2	81	.23	.097	9	62	.63	80	.14	5	2.21	.01	.06	2	4
STD C/AU-S	18	60	44	132	7.3	68	28	924	3.92	39	21	7	39	50	18	16	23	59	.48	.088	38	59	.88	178	.09	32	1.77	.06	.14	11	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CO PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU# PPB
87021265	3	91	24	221	.6	120	30	1034	6.39	35	5	ND	4	45	1	5	2	137	.51	.102	8	257	2.31	93	.19	3	2.98	.01	.09	1	10
87021266	2	41	16	144	.4	33	12	226	4.03	22	5	ND	2	23	1	2	2	110	.23	.024	6	76	.71	64	.15	2	1.57	.01	.04	1	13
87021267	2	55	15	165	.9	60	19	313	4.45	24	5	ND	2	17	1	2	3	104	.23	.084	6	112	1.04	54	.14	2	2.36	.01	.05	1	3
87021268	2	77	19	207	.5	97	25	849	5.31	29	5	ND	4	19	1	2	2	117	.25	.135	6	175	1.63	94	.14	2	2.60	.01	.05	1	8
87021269	2	51	16	244	.8	77	26	361	5.44	28	5	ND	3	23	1	2	2	113	.27	.048	6	145	1.29	81	.17	2	2.78	.01	.05	1	23
87021270	3	145	18	553	2.0	105	22	1590	4.97	18	5	ND	2	94	6	2	2	93	1.48	.060	11	132	1.20	125	.11	2	2.32	.02	.06	1	14
87021271	3	78	16	481	.6	72	19	1215	4.82	18	5	ND	2	64	4	2	3	102	.62	.052	9	121	.87	138	.13	3	2.46	.02	.05	1	1
87021272	3	199	24	1461	2.4	151	18	1264	4.40	16	5	ND	5	67	21	2	2	85	.84	.046	13	114	.94	103	.19	2	3.39	.02	.05	3	3
87021273	6	52	37	221	5.5	50	16	320	4.17	48	110	ND	22	24	31	41	7	93	.34	.074	13	110	.82	93	.17	69	2.19	.02	.06	21	4
87021274	1	65	25	288	1.9	60	15	859	4.02	11	5	ND	4	33	1	2	3	86	.53	.053	11	114	.92	103	.18	2	2.98	.02	.05	1	1
87021275	3	71	11	211	1.0	67	17	864	4.43	18	5	ND	4	34	1	2	2	92	.54	.063	11	102	1.12	150	.19	6	3.42	.02	.05	1	7
87021276	2	86	11	164	1.1	69	19	949	4.68	21	5	ND	4	48	1	2	2	86	.78	.067	10	90	1.01	176	.17	2	3.80	.02	.06	1	12
87021277	3	53	15	134	.4	76	19	434	4.78	14	5	ND	3	28	1	2	2	107	.45	.051	8	156	1.27	99	.17	2	3.29	.02	.04	1	8
87021278	2	56	19	145	.5	48	17	303	4.26	18	5	ND	4	21	1	2	2	91	.28	.069	8	88	.92	143	.16	2	3.52	.02	.06	1	3
87021279	3	104	17	143	1.2	58	17	723	4.30	19	5	ND	2	74	1	2	2	96	1.34	.033	11	117	1.22	132	.14	2	2.60	.02	.04	1	17
87021280	2	255	18	143	1.6	57	15	1194	3.79	14	5	ND	2	101	2	2	2	72	1.98	.068	14	92	.79	152	.11	4	3.13	.03	.05	1	9
87021281	4	234	5	44	1.2	26	5	1636	.61	6	7	ND	1	247	2	4	2	19	6.87	.135	5	19	.17	163	.01	13	.83	.02	.02	2	1
87021282	2	166	5	65	1.7	24	4	1156	.70	8	5	ND	1	247	2	4	2	13	6.63	.186	6	20	.20	138	.01	5	.94	.02	.02	3	1
87021283	1	174	10	107	2.8	35	8	875	2.12	16	5	ND	3	88	2	2	3	32	1.53	.067	17	33	.24	109	.15	7	3.90	.04	.03	1	14
87021284	3	62	20	303	1.5	94	21	372	5.25	25	5	ND	3	49	1	2	2	126	.65	.029	10	161	1.61	151	.17	3	3.48	.02	.05	1	1
STD C/AU-S	18	60	41	131	6.9	69	28	919	3.90	38	19	7	38	50	17	17	24	59	.47	.088	37	60	.87	176	.09	36	1.75	.06	.13	13	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AUS PPB
87021809	2	41	19	157	.9	25	11	233	5.55	21	5	ND	3	28	1	2	2	129	.34	.036	6	54	.73	82	.17	3	2.17	.01	.04	1	6
87021810	4	26	65	125	1.5	20	9	266	5.03	24	5	ND	2	10	1	3	2	83	.12	.058	8	35	.28	51	.10	5	1.29	.01	.04	15	22
87021811	2	24	19	160	.6	20	10	388	3.88	13	5	ND	2	19	1	2	2	91	.26	.055	6	41	.52	81	.14	5	1.71	.02	.05	1	3
87021825	1	38	11	223	.5	30	9	627	3.18	11	5	ND	1	21	2	2	2	68	.39	.077	5	35	.38	112	.14	2	2.02	.02	.03	1	1
87021826	7	158	17	885	2.6	79	18	3303	4.23	21	5	ND	2	44	11	2	2	71	1.08	.065	12	64	.78	202	.15	6	3.24	.03	.07	1	9
87021827	1	63	17	153	.2	118	30	667	6.53	6	5	ND	1	11	1	2	2	144	.26	.038	3	360	3.16	74	.21	2	2.81	.01	.07	1	1
87021828	1	18	19	61	.1	34	10	531	3.02	6	5	ND	1	19	1	2	2	71	.30	.031	4	124	.66	60	.14	2	1.04	.01	.05	1	21
87021829	1	39	18	121	.1	26	13	368	4.07	9	5	ND	1	13	1	2	2	90	.19	.053	5	54	.45	56	.16	3	2.08	.02	.05	1	7
87021830	1	35	13	143	.8	43	15	392	3.87	13	5	ND	1	19	1	2	2	75	.26	.105	7	105	.95	100	.14	3	2.30	.01	.07	1	2
87021831	2	45	20	196	.2	89	26	537	7.00	19	5	ND	1	21	1	2	2	140	.33	.101	4	298	1.93	69	.19	6	2.49	.01	.05	1	1
87021832	1	28	15	116	.4	22	11	670	3.32	9	5	ND	1	38	1	2	2	63	.60	.126	4	42	.39	77	.12	5	1.75	.01	.06	1	4
87021833	2	70	19	124	.2	37	14	489	4.53	21	5	ND	1	30	1	2	2	102	.46	.117	6	84	1.12	64	.12	2	2.17	.01	.07	2	14
87021834	2	46	21	121	.3	37	16	985	3.99	15	5	ND	1	32	1	2	2	90	.43	.071	7	83	.94	70	.13	3	1.97	.01	.06	3	2
87021835	2	57	10	126	.2	55	18	409	4.45	18	5	ND	1	40	1	2	2	107	.51	.029	7	126	1.49	63	.13	5	2.35	.01	.05	1	10
87021836	2	71	9	383	1.0	114	3	900	.59	7	5	ND	1	414	21	2	2	11	7.83	.109	4	19	.18	42	.01	12	.53	.01	.04	1	1
87021837	2	39	17	147	.2	44	17	520	4.30	18	5	ND	1	40	1	2	2	90	.55	.052	6	100	.97	61	.13	6	2.02	.01	.06	1	1
87021838	2	39	37	173	.3	83	19	355	5.19	21	5	ND	1	18	1	2	4	106	.20	.080	5	241	1.35	63	.15	2	2.14	.02	.05	1	33
87021839	1	55	18	120	.2	181	41	1554	7.32	28	5	ND	2	30	1	2	2	174	.31	.078	4	841	4.50	48	.13	6	3.02	.01	.16	1	2
87021840	2	69	16	181	.5	33	18	799	4.31	18	5	ND	1	37	1	2	2	94	.48	.082	8	63	.90	90	.13	4	2.26	.02	.07	1	29
87021926	4	206	19	407	1.8	76	24	1775	5.64	36	5	ND	4	44	3	2	2	107	.92	.063	16	77	.94	116	.16	5	3.78	.02	.07	2	3
STD C/AU-S	18	58	40	131	7.1	70	28	1045	4.05	38	17	7	38	50	18	16	19	56	.50	.088	37	61	.89	171	.09	38	1.81	.06	.13	13	53
87021927	4	243	13	530	3.7	86	18	2754	4.82	18	5	ND	4	68	7	2	2	73	1.23	.057	20	64	.66	100	.17	3	3.60	.03	.05	1	8
87021930	2	52	8	188	.5	32	9	854	3.42	11	5	ND	1	31	1	2	2	79	.48	.035	6	50	.68	117	.10	4	2.08	.02	.06	1	4
87021931	4	45	20	222	1.0	35	12	377	5.60	56	5	ND	2	15	1	2	2	100	.10	.099	7	61	.56	147	.14	2	3.42	.01	.06	1	13
87021932	2	23	17	136	.7	21	11	604	4.54	17	5	ND	1	13	1	2	2	114	.14	.040	6	44	.73	73	.17	4	1.98	.01	.03	1	1
87021934	3	30	20	128	.4	32	10	252	4.21	23	5	ND	2	26	1	2	2	120	.23	.021	7	62	.57	135	.12	2	1.53	.01	.04	1	12
87021935	2	44	30	332	1.4	52	16	773	4.77	19	5	ND	3	30	2	2	2	94	.36	.111	7	59	.74	120	.16	4	3.12	.02	.07	1	2
87022040	1	20	13	130	.1	14	7	500	3.36	12	5	ND	1	17	1	2	2	80	.20	.048	5	28	.36	78	.13	2	1.41	.01	.03	1	22
87022041	1	37	16	135	.4	27	15	577	4.33	18	5	ND	1	19	1	2	2	97	.20	.078	7	53	.64	105	.16	5	2.63	.02	.04	1	57
87022042	2	50	18	214	.9	40	18	556	5.07	34	5	ND	2	19	1	2	2	102	.23	.085	9	63	.82	114	.17	9	3.53	.02	.06	1	5
87022043	3	61	22	220	.2	44	15	984	6.03	38	5	ND	2	19	1	2	2	118	.21	.175	6	69	.86	116	.18	4	3.45	.01	.06	1	144
87022044	2	54	21	149	.4	38	16	446	4.99	26	5	ND	3	18	1	2	2	105	.20	.043	9	62	.85	96	.19	3	3.25	.02	.06	4	12
87022049	4	65	10	291	.8	40	16	353	5.58	44	5	ND	1	28	2	2	2	109	.20	.065	7	58	.92	111	.14	5	2.97	.01	.05	1	10
87022050	3	75	12	262	.9	40	20	439	5.93	25	5	ND	2	26	1	2	2	119	.23	.068	8	67	1.24	121	.16	5	3.80	.01	.06	2	13
87022051	3	33	18	144	1.1	37	25	1065	6.21	33	5	ND	1	13	1	2	3	116	.09	.069	5	117	.68	52	.14	4	2.24	.02	.03	1	6
87022052	6	35	17	178	.7	44	15	464	5.07	49	5	ND	2	21	1	8	2	115	.17	.065	7	75	.80	139	.13	5	2.70	.01	.05	1	36
87022053	6	38	30	166	1.0	22	12	296	5.41	31	5	ND	1	10	2	2	2	108	.05	.073	9	33	.56	133	.03	2	2.54	.01	.05	1	37

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU# PPB
87022310	1	22	14	100	.4	18	8	211	3.65	12	5	ND	4	22	1	2	2	97	.31	.054	6	36	.52	57	.15	4	1.70	.01	.05	2	13
87022311	3	66	16	86	.7	22	32	963	4.79	6	5	ND	1	32	1	2	2	83	.55	.058	3	26	.67	48	.09	4	1.65	.02	.04	1	32
87022312	1	56	20	168	.2	28	14	488	5.13	15	5	ND	3	24	1	2	2	114	.31	.201	7	55	.96	84	.15	5	2.99	.01	.08	1	12
87022313	1	106	13	163	.6	16	21	2141	3.82	6	5	ND	1	22	1	2	2	76	.37	.092	5	30	.40	113	.13	6	1.81	.02	.05	1	58
87022314	2	102	14	124	.3	39	19	351	4.82	14	5	ND	3	33	1	2	2	117	.48	.024	8	63	1.11	90	.17	4	3.18	.01	.06	1	51
87022315	1	1324	25	381	.9	26	17	1258	4.67	5	5	ND	1	42	3	2	2	78	1.03	.086	10	41	.47	79	.12	2	2.84	.02	.04	2	83
87022316	1	77	19	217	.9	18	12	2619	3.42	9	5	ND	1	30	2	2	2	92	.62	.058	5	32	.46	299	.11	2	1.62	.02	.05	1	8
87022319	1	52	14	162	.1	31	15	512	4.48	14	5	ND	2	24	1	2	2	97	.33	.105	7	52	.81	129	.15	3	2.65	.01	.07	1	3
87022320	3	159	35	183	2.1	62	22	1042	5.99	14	5	ND	3	89	3	2	5	123	1.52	.062	18	98	1.13	217	.09	7	4.11	.02	.13	1	4
87022321	2	31	11	95	.2	30	14	424	3.72	12	5	ND	1	21	1	2	2	94	.28	.033	8	57	.85	72	.11	2	2.10	.02	.06	1	9
87022322	1	38	14	108	.2	27	14	370	4.26	9	5	ND	2	21	1	2	2	101	.34	.054	7	54	.72	83	.14	11	2.61	.02	.07	1	1
87022407	3	105	14	375	1.4	49	15	516	4.99	21	5	ND	1	45	3	2	2	114	.67	.041	13	51	.60	56	.13	7	2.62	.02	.05	1	8
87022408	3	75	17	374	1.5	49	15	582	4.93	15	5	ND	2	50	3	2	2	112	.77	.040	10	51	.59	57	.13	3	2.65	.02	.06	1	3
87022409	2	40	40	165	.5	32	14	702	4.67	58	5	ND	1	20	1	2	2	103	.26	.059	7	50	.59	85	.14	5	2.70	.02	.06	1	7
87022410	4	20	19	160	.2	22	11	340	4.72	102	5	ND	1	17	1	3	2	125	.22	.050	7	50	.52	115	.11	2	2.04	.01	.06	1	8
87022411	2	60	17	189	.4	42	18	483	4.90	31	5	ND	2	30	1	2	2	111	.40	.081	8	63	1.09	87	.16	2	2.91	.02	.08	1	6
87022412	2	110	6	314	1.9	39	11	763	3.51	8	5	ND	2	108	8	2	2	67	2.12	.076	12	44	.70	105	.09	8	2.76	.02	.05	1	1
87022413	2	104	14	322	1.9	39	12	786	3.45	12	5	ND	2	108	8	2	2	65	2.12	.077	12	43	.68	104	.09	5	2.85	.02	.05	1	1
87022414	3	53	12	226	.8	30	15	363	5.75	18	5	ND	2	34	1	2	2	119	.38	.073	7	59	.96	97	.15	4	2.78	.01	.05	1	16
87022417	2	38	17	322	.9	56	19	583	5.26	23	5	ND	2	24	2	2	2	115	.36	.051	7	81	.82	119	.14	7	2.39	.02	.06	1	1
87022418	1	21	22	203	.3	21	13	400	3.99	5	5	ND	1	21	1	2	2	94	.30	.067	5	40	.47	72	.15	3	2.11	.02	.06	1	1
87022419	2	23	10	224	.4	21	11	251	4.32	8	5	ND	1	17	1	2	2	100	.23	.036	6	42	.50	82	.16	6	2.54	.02	.04	1	1
87022433	2	57	17	141	.6	29	17	344	4.96	16	5	ND	2	24	1	2	5	110	.29	.052	7	52	.82	88	.17	5	3.07	.02	.05	1	4
87022434	2	58	92	200	.7	19	11	420	4.58	9	5	ND	2	18	1	2	2	88	.20	.234	6	41	.49	90	.19	5	3.50	.02	.05	1	37
87022435	2	96	14	139	.1	34	14	334	4.94	8	5	ND	3	22	1	2	8	120	.22	.099	8	65	1.05	84	.16	3	3.63	.01	.06	2	5
STD C/AU-5	18	58	37	127	6.9	65	27	1038	3.83	38	17	7	38	48	17	17	19	54	.47	.084	37	58	.86	163	.08	40	1.94	.06	.13	13	49
87022436	1	97	13	110	.2	17	9	212	3.74	7	5	ND	2	13	1	2	2	82	.17	.065	5	35	.37	66	.14	2	2.50	.02	.04	2	23
87022437	2	374	13	118	.4	51	21	479	5.49	14	5	ND	3	25	1	2	4	120	.37	.040	7	76	1.30	156	.15	3	3.88	.01	.07	1	6
87022438	2	370	14	135	.4	52	20	480	5.81	18	5	ND	4	26	1	2	2	129	.41	.044	8	79	1.34	150	.16	13	3.97	.02	.07	1	1
87022439	1	44	7	111	.2	24	12	325	4.27	11	5	ND	3	22	1	2	2	101	.34	.092	6	44	.73	81	.14	2	2.54	.01	.08	1	2
87022442	1	108	106	263	.9	63	20	834	5.66	15	5	ND	2	20	1	2	3	132	.41	.061	9	112	1.35	71	.13	2	3.68	.01	.06	2	142
87022443	1	80	12	114	.5	42	17	562	4.82	9	5	ND	4	34	1	2	2	102	.70	.039	8	61	.91	114	.14	2	3.43	.02	.07	1	1
87022444	1	24	10	72	.1	15	8	357	2.48	5	5	ND	1	30	1	2	2	59	.64	.043	6	29	.34	68	.10	2	1.29	.02	.06	3	1
87022528	1	32	10	145	.2	24	10	800	4.20	16	5	ND	2	17	1	2	2	95	.20	.070	6	45	.59	102	.15	2	2.90	.02	.04	1	4
87022529	2	26	18	195	.9	21	9	492	4.22	87	5	ND	2	18	1	4	2	93	.17	.071	8	40	.53	95	.10	2	1.89	.02	.05	1	10
87022530	3	36	7	140	.5	26	11	746	3.97	33	5	ND	1	27	1	2	2	105	.25	.085	8	45	.64	143	.12	6	1.90	.02	.06	1	1
87022531	2	42	10	163	.3	27	12	317	5.08	14	5	ND	2	16	1	2	2	103	.17	.090	7	50	.69	76	.17	3	3.74	.02	.05	2	5

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU# PPB
87022533	1	57	19	191	.5	29	13	332	5.19	22	5	ND	3	16	1	2	2	111	.20	.112	8	57	.79	75	.18	4	4.36	.01	.05	4	9
87022534	2	46	18	258	.6	32	16	1105	4.05	18	5	ND	2	35	2	2	2	91	.50	.064	10	43	.63	117	.18	7	3.12	.02	.06	1	1
87022535	1	36	21	215	.8	27	14	690	4.82	20	5	ND	1	21	1	2	2	122	.29	.069	7	48	.69	93	.14	5	2.06	.01	.04	1	5
87022536	1	24	18	179	.8	17	10	267	4.32	19	5	ND	2	19	1	2	2	100	.20	.141	5	43	.52	90	.16	5	2.50	.02	.04	1	27
87022537	2	50	19	231	.7	43	22	588	5.23	24	5	ND	3	40	1	2	2	129	.44	.053	8	64	1.11	147	.18	2	3.34	.01	.08	1	4
87022556	2	122	25	116	.7	42	22	1091	4.61	22	5	ND	2	41	1	2	2	109	.62	.064	9	73	1.35	95	.14	2	2.41	.01	.08	1	9
87022557	1	187	12	145	.4	45	23	897	4.94	20	5	ND	3	40	1	2	2	113	.60	.086	15	74	1.22	132	.14	2	3.85	.02	.08	1	2
87022558	1	118	18	143	.4	43	22	608	4.90	24	5	ND	2	36	1	2	2	115	.57	.068	10	68	1.24	85	.15	4	3.06	.01	.07	1	3
87022559	1	151	16	127	.4	34	19	648	4.74	24	5	ND	2	36	4	2	2	119	.64	.052	11	61	.98	112	.14	7	2.72	.01	.06	1	2
87022560	1	190	16	147	.8	31	17	603	4.69	22	5	ND	1	41	7	2	2	119	.83	.054	11	58	.82	131	.13	2	2.59	.01	.06	1	6
87022561	1	58	24	160	.5	26	14	349	4.83	18	5	ND	1	16	1	2	2	122	.24	.116	6	53	.77	75	.13	2	2.55	.01	.06	1	18
87022562	1	69	14	117	.8	31	17	502	4.52	20	5	ND	2	27	1	2	2	112	.40	.071	9	60	1.03	110	.14	9	2.62	.01	.07	1	3
87022650	4	96	20	513	1.3	43	20	554	5.79	41	5	ND	2	26	2	2	2	119	.35	.072	9	54	.72	114	.12	5	3.43	.02	.08	1	9
87022651	3	241	30	748	3.2	87	14	1692	4.14	25	5	ND	2	60	12	2	2	85	1.06	.098	17	55	.77	114	.16	7	4.19	.03	.06	1	1
87022652	4	272	28	753	3.9	85	15	1986	4.12	22	5	ND	2	66	16	2	2	85	1.18	.102	19	55	.77	117	.16	5	4.23	.04	.07	1	4
87022653	1	15	14	99	.6	10	5	177	2.67	19	5	ND	1	21	1	2	2	81	.24	.057	6	24	.23	71	.12	7	1.41	.02	.04	1	1
87022654	2	28	23	174	.9	19	9	612	3.62	24	5	ND	2	18	1	2	2	103	.19	.045	7	35	.47	147	.14	6	1.89	.01	.04	1	1
87022655	1	28	27	219	1.5	22	13	366	4.22	18	5	ND	1	18	1	2	2	87	.22	.075	6	34	.33	94	.19	6	2.56	.02	.06	1	1
87022657	1	70	22	140	.4	37	16	564	4.87	19	5	ND	2	21	1	2	2	122	.22	.100	7	62	.90	115	.18	7	3.89	.02	.07	1	1
87022658	1	61	13	154	.7	37	17	650	4.78	20	5	ND	2	26	1	2	2	119	.27	.090	8	63	.99	124	.18	5	3.28	.01	.07	1	1
87022659	5	37	21	154	.7	111	26	1067	6.62	13	5	ND	2	23	1	2	2	144	.22	.060	9	197	.87	304	.05	7	1.78	.01	.06	1	8
87022770	1	16	23	92	.5	12	6	1024	2.56	16	5	ND	1	19	1	2	2	90	.15	.039	6	32	.25	95	.13	5	.99	.01	.05	1	1
87022771	3	9	25	72	.4	4	5	454	2.34	362	5	ND	1	10	1	4	2	66	.09	.085	3	15	.10	74	.08	5	.74	.02	.03	1	3
87022772	2	36	18	119	.4	22	9	294	4.17	23	5	ND	1	24	1	2	2	119	.23	.073	7	49	.69	87	.12	7	1.99	.01	.05	1	1
87022773	2	27	13	152	.4	18	10	299	4.44	29	5	ND	1	22	1	2	2	95	.22	.076	7	42	.54	130	.10	2	1.98	.01	.04	1	2
87022774	5	24	21	130	1.2	19	7	195	3.12	41	5	ND	1	25	1	4	2	84	.23	.072	7	29	.32	125	.12	6	1.14	.02	.06	1	1
87022775	1	78	14	138	.5	35	17	474	5.66	27	5	ND	2	34	1	2	2	139	.24	.063	10	74	1.25	125	.17	8	3.51	.01	.08	1	1
87022892	1	72	20	123	.4	34	16	379	6.34	21	5	ND	2	21	1	2	2	151	.18	.120	7	59	.71	77	.14	5	2.37	.01	.06	1	1
87022893	6	36	35	241	1.0	23	15	648	5.70	64	5	ND	1	22	1	2	2	138	.17	.144	8	44	.54	97	.11	8	1.84	.02	.04	1	1
87022894	4	60	7	216	1.3	32	16	565	5.41	29	5	ND	2	20	2	2	2	126	.21	.078	10	68	.81	130	.16	7	3.04	.01	.08	1	1
87022895	4	49	17	189	1.2	25	13	472	4.94	24	5	ND	2	22	1	2	2	118	.23	.068	9	60	.72	117	.15	9	2.76	.01	.07	1	1
87022896	2	23	16	177	.3	17	11	991	4.00	19	5	ND	1	27	1	2	2	110	.31	.048	8	44	.59	113	.15	6	1.91	.02	.04	1	1
STD C/AU-S	20	61	42	137	7.0	69	30	1122	4.00	40	21	8	42	53	19	17	16	63	.47	.098	42	62	.92	179	.09	44	1.86	.07	.14	12	52
87022897	14	46	15	159	1.9	47	7	121	3.82	58	5	ND	3	7	1	7	2	39	.03	.053	16	16	.08	107	.02	5	.57	.01	.05	1	6
87023407	1	19	13	77	.1	13	8	191	2.83	9	5	ND	1	16	1	2	2	84	.18	.051	4	26	.34	30	.14	7	1.26	.02	.04	1	1
87023408	1	236	16	200	7.3	40	18	818	4.77	30	5	ND	3	65	1	2	2	89	.88	.081	14	70	.67	182	.14	7	3.39	.02	.10	1	8
87023409	1	45	16	136	.9	28	15	381	4.56	29	5	ND	3	78	1	2	2	80	1.10	.119	9	46	.41	82	.11	9	3.76	.02	.05	1	1

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SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	HG	BA	TI	B	AL	NA	K	W	AU*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	%	PPM	PPM
87023410	1	77	17	106	.6	34	17	586	4.44	28	5	ND	1	25	1	3	2	91	.30	.075	6	47	.63	76	.06	4	2.15	.01	.06	1	6
87023411	1	33	25	92	.2	26	12	628	3.91	25	5	ND	1	32	1	2	2	92	.49	.116	5	42	.45	77	.11	6	2.23	.01	.06	2	1
87023412	1	26	17	110	.2	31	11	262	3.87	17	5	ND	1	23	1	2	2	98	.36	.106	6	54	.71	49	.15	3	2.06	.01	.07	1	1
87023413	2	39	21	111	.1	33	15	326	4.59	25	5	ND	1	24	1	2	2	115	.33	.073	7	56	.79	70	.14	4	2.35	.01	.06	2	4

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AUX PPM
L65N 64+50E	3	61	12	121	.4	33	12	286	3.94	14	5	ND	2	36	2	2	108	.39	.638	5	45	.74	124	.14	7	2.25	.02	.14	1	2	
L65N 64+75E	1	13	4	46	.2	10	5	225	2.02	5	5	ND	1	15	1	2	64	.17	.064	4	21	.28	56	.12	4	.80	.02	.05	2	1	
L65N 65+00E	1	28	10	72	.5	17	9	324	2.88	11	5	ND	1	17	1	2	85	.23	.053	6	30	.50	64	.15	5	1.29	.01	.07	1	1	
L64N 55+25E	1	35	9	99	.6	15	9	505	3.29	11	5	ND	2	19	2	2	4	.97	.17	.070	5	29	.40	80	.11	6	1.25	.01	.06	1	2
L64N 55+50E	1	55	30	179	.7	32	13	810	5.77	17	5	ND	2	24	3	2	108	.23	.087	8	50	.42	94	.07	8	1.82	.01	.06	1	1	
L64N 55+75E	1	97	13	152	.5	31	14	594	4.56	12	5	ND	2	34	1	2	124	.36	.049	8	51	.81	90	.14	6	2.14	.01	.07	1	1	
L64N 56+00E	1	47	13	164	.5	22	9	372	6.20	18	5	ND	3	18	1	2	129	.20	.222	6	48	.58	67	.16	9	2.63	.01	.07	1	4	
L64N 56+25E	1	37	15	142	.6	17	10	481	5.55	11	5	ND	2	13	1	2	154	.12	.080	4	39	1.01	41	.16	6	2.00	.02	.05	1	2	
L64N 56+50E	1	100	148	126	1.2	22	13	493	7.73	28	5	ND	4	16	1	2	108	.14	.163	7	36	.43	49	.18	9	3.69	.01	.05	1	34	
L64N 56+75E	1	37	18	179	.9	25	16	608	5.05	47	5	ND	2	22	1	7	4	121	.21	.085	6	43	.58	72	.14	5	1.97	.01	.04	1	4
L64N 57+00E	1	48	7	145	.6	25	12	404	4.53	16	5	ND	2	21	1	2	120	.22	.116	7	49	.81	91	.12	5	2.17	.01	.06	2	1	
L64N 57+25E	1	40	8	138	.7	23	13	719	3.84	11	5	ND	1	25	1	2	94	.33	.167	7	45	.62	101	.11	5	1.82	.01	.09	1	1	
L64N 57+50E	1	157	11	158	.7	38	13	539	4.96	15	5	ND	2	33	1	3	120	.37	.071	9	61	.89	121	.15	7	2.62	.01	.07	1	1	
L64N 57+75E	1	68	15	102	1.0	21	11	593	3.51	9	5	ND	2	26	1	2	94	.33	.039	10	40	.52	96	.14	7	2.10	.02	.05	1	1	
L64N 58+00E	1	35	108	266	.8	15	11	491	6.74	15	5	ND	2	14	2	2	111	.19	.158	6	32	.74	85	.12	9	2.42	.01	.08	1	7	
L64N 58+25E	1	63	11	123	.7	30	15	421	4.43	17	5	ND	2	25	1	2	112	.34	.052	10	56	.79	84	.13	4	2.61	.02	.08	1	1	
L64N 58+50E	1	221	23	195	.7	72	31	1594	8.13	42	5	ND	4	56	1	2	149	.70	.081	23	100	1.26	285	.07	11	4.69	.02	.16	1	3	
L64N 58+75E	1	37	12	101	.3	24	14	484	3.88	12	5	ND	2	37	1	2	107	.36	.090	7	48	.77	116	.11	4	1.99	.01	.06	1	2	
L64N 59+00E	1	84	17	138	.5	43	20	389	5.75	21	5	ND	3	26	1	2	128	.27	.054	7	70	1.04	119	.13	9	3.40	.01	.09	1	1	
L64N 59+25E	1	31	10	118	.2	21	12	583	4.41	12	5	ND	1	18	1	2	3	107	.23	.131	5	41	.44	85	.11	6	1.98	.01	.07	1	3
L64N 59+50E	1	74	7	133	.3	37	17	917	4.65	20	5	ND	2	22	1	2	116	.26	.055	9	67	1.00	136	.13	5	2.78	.01	.07	1	1	
L64N 59+75E	1	50	5	111	.4	30	15	1099	3.79	16	5	ND	2	32	1	3	2	98	.39	.078	8	53	.90	100	.10	5	2.01	.01	.08	1	10
L64N 60+00E	1	68	6	135	.7	43	17	497	4.36	17	5	ND	3	34	1	2	109	.36	.058	11	72	1.19	94	.10	8	2.61	.01	.10	1	1	
L64N 60+25E	1	40	10	176	.5	32	17	385	4.38	22	5	ND	1	21	1	2	99	.24	.100	6	46	.58	79	.14	4	2.99	.02	.06	1	6	
L64N 60+50E	1	38	7	128	.5	26	15	583	3.91	18	5	ND	2	25	1	2	95	.30	.085	8	51	.77	87	.13	5	2.23	.01	.07	1	1	
L64N 60+75E	1	66	11	205	.6	44	18	486	4.27	17	5	ND	4	35	1	2	89	.41	.095	11	61	.80	109	.15	4	3.36	.02	.08	1	1	
L64N 61+00E	1	27	10	138	.3	24	11	304	3.70	14	5	ND	2	20	1	2	94	.29	.079	6	43	.55	75	.13	4	2.12	.02	.05	1	1	
L64N 61+25E	1	37	8	89	.4	24	10	421	3.28	10	5	ND	2	15	1	2	85	.20	.066	7	41	.57	68	.11	6	1.77	.01	.06	2	1	
L64N 61+50E	1	32	5	137	.4	29	14	417	4.49	15	5	ND	1	33	1	2	106	.55	.092	6	54	.83	93	.12	5	2.60	.02	.07	1	5	
L64N 61+75E	1	31	9	111	.6	23	11	675	3.53	9	5	ND	2	37	2	3	2	91	.67	.045	8	46	.50	110	.11	4	2.02	.01	.05	1	5
L64N 62+00E	1	62	13	91	.3	41	17	432	4.37	21	5	ND	5	35	1	2	2	99	.51	.036	17	70	.97	131	.11	4	2.50	.02	.08	1	4
L64N 63+25E	1	14	9	56	.4	11	7	190	1.88	3	5	ND	2	15	1	2	2	60	.21	.033	6	24	.27	68	.10	3	.91	.01	.06	1	1
L64N 63+50E	1	21	8	81	.4	17	7	213	2.95	10	5	ND	2	15	1	2	2	86	.18	.069	7	37	.55	60	.12	3	1.40	.01	.05	2	4
L64N 64+25E	2	78	8	99	.6	30	16	1565	3.96	23	5	ND	1	87	1	2	2	89	1.78	.064	7	46	.71	97	.08	4	1.82	.02	.05	1	1
L64N 64+50E	2	35	11	75	.4	17	8	168	3.08	13	5	ND	2	29	1	2	3	95	.28	.028	8	36	.55	65	.13	2	1.45	.01	.05	3	5
L64N 64+75E	1	7	6	65	.1	6	3	147	1.88	3	5	ND	1	16	1	2	2	49	.14	.083	6	18	.18	67	.13	2	.99	.02	.04	1	1
STD C/AU-S	21	58	39	131	7.3	68	28	914	3.93	38	18	8	38	51	18	17	22	59	.41	.091	38	60	.87	180	.08	36	1.80	.06	.14	13	51

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SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AUX
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
L63N 64+00E	2	18	11	88	.2	16	7	334	2.36	8	5	ND	2	22	1	2	2	74	.26	.059	4	31	.41	96	.15	7	1.25	.02	.06	1	2
L63N 64+25E	4	145	6	176	1.7	62	18	1089	5.74	30	5	ND	5	67	1	2	2	127	.95	.060	18	85	1.22	196	.13	4	4.16	.02	.14	1	9
L63N 64+50E	5	138	9	197	1.4	55	19	1272	5.53	31	5	ND	3	72	2	5	2	121	1.01	.078	18	69	.99	187	.11	4	3.60	.01	.12	1	3
L63N 64+75E	4	74	12	89	.8	30	13	336	4.37	29	5	ND	2	49	1	2	2	199	.78	.037	10	52	.70	84	.12	4	2.26	.01	.06	1	6
L63N 65+00E	1	23	8	120	.4	16	9	437	3.79	12	5	ND	3	17	1	2	2	98	.20	.175	5	36	.51	84	.17	2	1.72	.01	.07	3	1
L62N 55+25E	2	29	10	101	.4	35	8	241	3.75	12	5	ND	2	13	1	2	2	93	.15	.078	5	44	.55	90	.18	2	2.68	.01	.03	1	18
L62N 55+50E	1	59	14	137	.5	36	19	410	4.08	15	5	ND	4	18	1	2	2	76	.27	.099	9	44	.46	78	.17	2	3.99	.02	.06	1	4
L62N 55+75E	2	48	9	125	.4	39	13	328	5.07	25	5	ND	4	21	1	2	2	117	.24	.071	6	60	.86	90	.19	2	3.11	.01	.07	1	11
L62N 56+00E	2	85	47	211	.8	26	15	531	4.47	36	5	ND	1	23	1	2	2	99	.33	.070	5	39	.51	60	.15	5	2.19	.01	.07	1	6
L62N 56+25E	4	81	17	200	.9	65	20	238	8.04	33	5	ND	4	12	1	2	2	192	.16	.120	4	74	.49	52	.22	4	3.89	.01	.05	1	3
L62N 56+50E	1	47	13	99	.6	64	13	232	4.81	10	5	ND	1	19	1	2	2	94	.16	.063	5	62	.64	68	.15	2	2.27	.01	.04	1	7
L62N 56+75E	2	60	13	174	1.1	54	14	231	5.57	34	5	ND	2	19	1	2	2	125	.20	.061	6	65	.65	81	.19	6	2.57	.01	.05	1	2
L62N 57+00E	1	61	12	123	.3	40	15	390	5.17	28	5	ND	2	22	1	2	2	120	.26	.077	6	56	.86	80	.17	2	3.11	.01	.07	1	4
L62N 57+25E	1	44	13	133	.7	29	11	239	3.75	12	5	ND	2	21	1	2	2	101	.26	.060	6	44	.63	71	.14	2	2.22	.01	.05	2	1
L62N 57+50E	2	188	9	124	.6	48	20	339	4.73	21	5	ND	2	28	1	3	3	111	.32	.067	7	60	1.01	82	.15	2	3.52	.01	.06	1	7
L62N 57+75E	3	347	15	137	2.1	46	9	1279	1.91	10	5	ND	1	94	3	2	2	44	3.79	.130	9	32	.38	102	.03	2	1.55	.02	.05	1	4
L62N 58+00E	3	513	26	127	1.3	29	10	332	3.53	13	5	ND	2	59	2	2	2	83	1.86	.051	9	47	.64	125	.10	2	2.33	.02	.05	1	16
L62N 58+25E	2	199	12	130	.7	47	16	500	5.62	27	5	ND	4	26	1	10	2	131	.27	.106	8	75	1.32	130	.15	11	4.17	.01	.09	1	33
L62N 58+50E	1	27	13	70	.5	15	6	136	2.83	8	5	ND	3	19	1	2	2	95	.17	.030	7	33	.42	77	.13	2	1.51	.01	.04	1	9
L62N 58+75E	1	65	15	101	.8	25	20	595	4.51	6	5	ND	2	28	1	2	2	116	.38	.086	4	45	.47	78	.15	4	2.20	.01	.05	1	10
L62N 59+00E	1	43	29	104	.7	22	14	751	3.39	6	5	ND	3	22	1	2	2	84	.24	.056	6	34	.39	66	.16	7	2.57	.02	.04	1	1
L62N 59+25E	1	44	16	91	.5	22	15	512	3.60	5	5	ND	1	29	1	2	2	95	.35	.060	5	41	.45	51	.17	4	1.70	.02	.04	1	3
L62N 59+50E	1	79	9	135	.6	36	16	304	4.68	19	5	ND	3	21	1	2	2	120	.32	.069	6	62	1.06	137	.16	4	3.46	.01	.09	1	2
L62N 59+75E	2	85	6	145	.9	35	16	333	6.25	26	5	ND	4	24	1	2	2	124	.33	.152	8	57	.89	113	.17	3	3.71	.01	.08	1	14
L62N 60+25E	3	87	15	265	1.1	43	21	515	4.60	21	5	ND	4	29	1	4	3	111	.42	.053	8	63	.88	119	.15	3	3.30	.01	.07	2	1
L62N 60+50E	1	118	14	123	.9	42	18	387	4.50	23	5	ND	3	39	1	2	2	116	.49	.033	12	68	.96	112	.15	2	2.95	.01	.07	1	8
L62N 60+75E	1	233	16	147	.8	40	15	732	3.95	16	5	ND	1	46	2	2	2	94	.74	.064	10	58	.63	90	.08	2	2.27	.01	.07	1	6
L62N 61+00E	2	265	21	232	1.5	52	19	825	5.19	21	5	ND	3	39	2	2	2	111	.51	.065	9	71	.77	154	.12	3	3.19	.02	.07	1	8
STD C/AU-S	19	59	42	135	7.4	69	29	939	3.76	37	18	8	39	51	18	17	22	61	.42	.090	38	61	.87	174	.08	40	1.87	.06	.14	13	53
L62N 61+25E	2	136	14	213	1.2	47	18	843	4.30	22	5	ND	3	43	2	2	2	92	.64	.056	12	60	.72	128	.15	2	3.33	.02	.06	1	24
L62N 61+50E	4	120	15	132	.9	39	18	592	4.81	25	5	ND	3	50	1	2	2	120	.88	.042	12	67	.86	117	.12	10	2.59	.02	.06	1	8
L62N 61+75E	2	83	14	167	1.3	35	15	398	4.21	19	5	ND	3	34	1	2	2	95	.52	.036	7	50	.56	125	.15	2	2.46	.02	.06	1	5
L62N 62+00E	4	110	12	210	1.4	37	21	628	4.75	22	5	ND	2	57	1	2	2	98	.79	.053	13	67	.79	104	.13	2	3.06	.02	.06	1	8
L62N 62+25E	4	87	15	154	1.0	33	20	1004	4.04	19	5	ND	4	66	2	3	2	85	1.06	.053	11	62	1.03	113	.12	2	2.32	.02	.10	1	10
L62N 62+50E	2	20	13	97	.5	9	4	433	.79	5	5	ND	1	131	1	2	2	16	3.37	.073	3	13	.22	48	.02	14	.51	.02	.05	1	1
L62N 62+75E	3	60	12	98	.6	14	5	169	.94	6	5	ND	1	162	1	4	2	33	4.28	.104	5	17	.30	55	.02	18	.71	.03	.03	1	1
L62N 63+00E	3	40	12	115	.4	22	10	195	3.23	17	5	ND	1	39	1	2	2	91	.54	.043	6	40	.50	63	.10	2	1.59	.01	.05	1	3

REBAGLIATI GEOLOGICAL PROJECT-REBAGLIATI HC FILE # 87-2842

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SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L62N 63+50E	6	66	13	60	.5	19	8	1722	1.18	6	5	ND	1	176	1	2	2	24	4.54	.102	13	17	.20	83	.02	3	.94	.01	.02	1	1
L62N 63+75E	1	30	17	73	.2	17	6	191	3.16	13	5	ND	3	23	1	3	2	106	.28	.048	7	41	.68	79	.14	15	1.33	.01	.06	1	1
L62N 64+00E	1	8	13	43	.1	5	3	145	1.23	4	5	ND	2	18	1	2	2	44	.20	.032	6	15	.14	91	.12	2	.53	.01	.04	1	1
L62N 64+25E	2	41	8	56	.5	12	5	152	2.10	7	5	ND	1	39	1	2	2	75	.37	.026	7	24	.25	119	.10	2	.77	.01	.04	2	1
L62N 64+50E	6	108	18	93	1.2	30	11	828	3.31	17	5	ND	1	126	1	3	2	74	2.35	.086	10	44	.62	110	.06	3	1.90	.01	.07	1	15
L62N 65+00E	1	9	5	26	.2	3	2	106	.51	2	5	ND	1	34	1	2	2	19	.68	.015	4	7	.06	30	.06	20	.27	.02	.03	1	3
L61N 60+50E	2	30	17	131	.4	23	12	223	4.08	16	5	ND	3	15	1	2	2	103	.17	.063	6	42	.40	66	.15	2	2.44	.01	.04	2	10
L61N 60+75E	2	33	16	138	.5	22	14	484	4.15	16	5	ND	2	18	1	2	2	104	.23	.100	5	44	.56	72	.14	2	1.82	.01	.05	1	6
L61N 61+00E	2	71	20	128	.3	35	18	533	4.60	24	5	ND	2	21	1	2	2	106	.29	.068	7	66	.88	78	.11	2	2.30	.01	.06	1	3
L61N 61+25E	2	16	33	108	1.3	16	8	177	2.83	12	5	ND	1	19	1	2	2	72	.26	.035	5	33	.37	64	.12	8	1.79	.02	.03	1	115
L61N 61+50E	2	33	19	211	.3	27	12	915	3.75	9	5	ND	2	39	2	2	2	83	.50	.042	7	46	.53	107	.12	2	2.13	.02	.04	1	10
L61N 61+75E	3	37	15	207	.3	35	16	435	4.43	15	5	ND	3	24	1	2	2	96	.29	.070	6	53	.69	90	.13	3	2.52	.02	.07	2	1
L61N 62+00E	1	46	21	145	.5	28	13	443	4.02	14	5	ND	3	57	1	2	2	88	.77	.046	9	46	.62	94	.10	2	2.63	.02	.04	1	4
L61N 62+25E	3	84	20	169	.9	38	16	1527	4.09	12	5	ND	4	79	2	2	2	75	1.10	.061	10	57	.70	116	.13	4	2.85	.03	.06	1	3
L61N 62+50E	2	70	18	117	.7	43	16	719	5.07	24	5	ND	4	58	1	2	2	107	.86	.029	9	71	1.01	122	.13	9	3.04	.02	.07	1	2
L61N 62+75E	4	81	17	98	1.0	28	10	2568	2.26	12	5	ND	2	174	2	2	2	58	3.67	.114	9	36	.48	156	.04	6	1.58	.02	.05	1	1
L61N 63+00E	2	61	14	171	.8	27	10	919	3.09	10	5	ND	2	107	1	2	2	65	1.77	.071	8	37	.52	130	.11	2	2.14	.02	.06	1	4
L61N 63+25E	1	34	22	142	.6	21	12	901	3.26	7	5	ND	2	55	2	2	2	81	.72	.064	8	39	.54	160	.11	2	1.67	.02	.07	1	1
L61N 63+50E	2	18	10	71	.1	9	5	522	1.88	4	5	ND	1	14	1	2	2	58	.17	.029	5	20	.23	113	.11	2	.73	.02	.05	2	2
L61N 63+75E	3	40	17	140	.7	25	10	1016	4.31	19	5	ND	3	51	1	3	2	111	.68	.056	8	50	.72	187	.13	2	1.80	.02	.07	2	1
L61N 64+00E	3	26	19	81	.7	12	6	288	2.49	8	5	ND	2	24	1	2	2	84	.20	.033	6	28	.31	149	.12	2	1.05	.02	.04	1	1
L61N 64+25E	4	45	18	139	.7	24	16	918	4.62	22	5	ND	2	32	1	2	2	111	.41	.076	9	45	.63	121	.15	2	1.91	.02	.07	2	1
L61N 64+50E	3	93	16	77	1.4	19	10	357	2.77	8	5	ND	1	70	2	2	2	65	.95	.050	13	26	.25	111	.11	2	1.54	.02	.03	1	2
L61N 64+75E	2	26	3	121	.5	4	1	124	.27	3	5	ND	1	145	1	2	2	7	3.11	.053	2	4	.10	78	.01	4	.19	.01	.03	1	1
L61N 65+00E	3	71	16	204	1.3	17	7	1141	1.84	6	5	ND	2	152	3	2	2	37	3.15	.085	7	21	.31	156	.06	3	1.32	.02	.05	1	1
L60N 55+00E	2	29	18	112	.4	24	11	316	3.52	6	5	ND	3	15	1	2	2	82	.15	.057	5	37	.43	66	.16	2	2.02	.02	.04	1	1
L60N 55+25E	3	32	12	128	.3	27	12	309	4.09	7	5	ND	2	17	1	2	2	94	.17	.060	6	44	.53	77	.17	2	2.31	.02	.04	1	3
L60N 55+50E	5	40	20	251	.6	36	15	516	5.35	12	5	ND	4	21	1	2	2	118	.22	.080	7	55	.74	100	.19	8	2.82	.02	.06	1	16
L60N 55+75E	2	37	18	174	.2	27	11	435	3.83	8	5	ND	2	22	1	2	2	97	.27	.040	9	47	.60	106	.14	3	1.97	.02	.06	2	2
L60N 56+00E	2	35	26	222	.5	28	13	383	4.42	8	5	ND	4	23	2	2	2	97	.28	.075	8	48	.67	109	.17	2	2.53	.02	.08	1	3
L60N 56+25E	1	21	14	127	.4	27	12	270	4.46	8	5	ND	2	24	1	2	2	105	.25	.093	6	47	.65	88	.17	2	2.49	.02	.07	1	2
L60N 56+50E	2	34	21	140	.9	29	14	466	4.46	11	5	ND	2	22	1	2	2	111	.24	.070	7	50	.64	96	.16	6	2.42	.02	.06	1	8
L60N 56+75E	1	48	18	150	.6	29	13	290	4.54	12	5	ND	4	20	1	3	2	102	.21	.123	7	51	.69	82	.18	4	3.09	.02	.06	1	2
L60N 57+00E	1	37	17	132	.5	32	16	350	4.91	13	5	ND	2	34	1	4	2	117	.35	.086	7	58	.89	96	.16	8	2.69	.02	.08	2	1
L60N 57+25E	2	33	26	91	.7	11	8	335	3.44	3	5	ND	2	22	1	2	2	83	.19	.078	4	26	.29	54	.15	2	1.19	.02	.04	1	460
L60N 57+50E	2	60	18	260	.8	31	18	597	5.51	12	5	ND	2	27	1	2	2	118	.31	.127	6	51	.79	103	.17	2	2.78	.01	.07	1	3
STD C/AU-S	18	58	43	132	7.3	67	27	901	4.05	37	18	7	36	50	16	17	19	59	.40	.089	37	58	.84	178	.08	38	1.80	.06	.13	13	52

SAMPLE#	MO	CU	PB	ZN	AG	NI	CD	MN	FE	AS	U	AU	TH	SR	CO	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	F	M	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	%	PPM
L60N 57+75E	1	107	17	373	1.3	21	17	1191	4.05	12	5	ND	2	25	4	2	2	93	.32	.047	8	39	.45	134	.14	6	1.94	.01	.04	2	7
L60N 58+00E	3	152	32	213	.6	29	7	118	2.25	5	5	ND	1	63	7	2	2	41	1.55	.033	4	22	.29	34	.07	8	.81	.01	.02	1	53
L60N 58+25E	1	188	74	481	.9	24	13	379	4.30	14	5	ND	2	32	4	2	3	89	.57	.042	6	40	.51	73	.13	3	2.08	.01	.04	1	40
L60N 58+50E	2	1291	22	799	1.7	52	17	2219	3.90	15	5	ND	2	57	11	2	2	75	1.25	.076	12	43	.55	193	.13	6	2.73	.02	.04	1	13
L60N 58+75E	2	531	25	317	1.7	60	18	1197	3.76	28	5	ND	1	75	6	3	2	88	2.03	.088	9	81	.78	69	.05	6	1.79	.01	.04	1	14
L60N 59+00E	2	277	24	265	1.1	59	29	931	4.83	21	5	ND	3	35	3	2	4	103	.67	.073	8	76	.75	81	.12	11	2.42	.01	.05	1	19
L60N 59+25E	1	445	16	140	2.3	41	14	1211	4.35	18	5	ND	2	50	2	2	4	90	1.22	.084	16	66	.73	155	.07	7	2.68	.02	.07	1	12
L60N 59+50E	1	41	8	123	.6	29	14	349	3.66	13	5	ND	4	19	1	2	3	91	.24	.047	6	51	.83	92	.11	10	2.11	.01	.05	2	4
L60N 59+75E	1	26	12	95	.6	20	10	236	3.24	12	5	ND	1	23	1	2	2	79	.38	.038	6	43	.42	79	.10	2	1.71	.01	.04	1	2
L60N 60+00E	1	69	9	112	.5	32	15	387	4.22	17	5	ND	2	22	1	2	2	190	.32	.099	6	54	.86	97	.11	5	2.70	.01	.07	1	3
L60N 60+25E	1	69	24	111	.6	29	16	298	4.16	12	5	ND	2	27	1	2	2	102	.34	.060	5	51	.92	72	.12	5	2.39	.01	.05	1	1
L60N 60+50E	1	35	16	153	.8	25	14	582	3.84	16	5	ND	3	22	1	2	3	95	.34	.076	6	48	.61	85	.10	3	2.22	.01	.05	1	4
L60N 60+75E	1	36	11	110	.4	28	14	435	3.36	17	5	ND	3	18	1	4	3	78	.22	.120	6	47	.73	87	.11	4	2.72	.01	.04	2	7
L60N 61+00E	1	41	11	106	.4	29	13	289	3.93	18	5	ND	3	18	1	2	3	190	.22	.056	7	50	.76	81	.11	5	2.18	.01	.04	2	5
L60N 61+25E	1	28	14	136	.5	27	14	302	3.83	17	5	ND	3	18	1	3	2	92	.24	.074	6	53	.76	80	.11	3	2.24	.01	.05	1	3
L60N 61+50E	1	53	13	110	.7	30	14	405	3.96	18	5	ND	3	37	2	2	2	94	.53	.059	8	52	.59	98	.10	3	2.29	.01	.05	1	1
L60N 61+75E	1	92	11	160	.3	51	19	564	4.92	28	5	ND	4	33	1	2	3	111	.36	.047	9	74	1.21	138	.12	5	3.19	.01	.08	3	4
L60N 62+00E	1	134	15	129	1.4	42	13	536	4.72	22	5	ND	4	63	2	2	4	92	.84	.046	13	57	.52	129	.13	5	3.10	.02	.06	1	1
L60N 62+25E	1	211	11	106	1.8	45	15	1395	3.67	16	5	ND	2	117	4	2	2	74	1.99	.075	14	49	.57	133	.08	3	2.31	.02	.05	1	2
L60N 62+50E	1	105	8	96	1.5	29	11	968	2.74	15	5	ND	1	125	1	2	2	59	2.27	.093	10	44	.62	110	.05	4	2.07	.02	.05	1	1
L60N 62+75E	1	70	16	116	.7	34	20	592	4.15	18	5	ND	3	34	1	4	2	105	.41	.042	9	70	1.03	108	.09	2	2.25	.01	.04	1	200
L60N 63+00E	1	45	7	96	.6	30	11	255	3.91	19	5	ND	3	19	1	2	3	88	.22	.066	9	53	1.00	85	.09	2	2.12	.01	.06	1	1
L60N 63+25E	1	31	6	127	.4	20	11	477	2.94	14	5	ND	2	20	1	2	3	75	.25	.102	7	39	.62	89	.10	2	1.88	.01	.06	2	1
L60N 63+50E	1	23	10	153	.4	19	11	694	3.06	10	5	ND	3	17	1	2	2	81	.29	.060	7	38	.58	195	.10	2	1.35	.01	.06	2	1
L60N 63+75E	1	102	8	225	1.3	54	16	1914	5.13	22	5	ND	3	45	1	2	3	100	.60	.064	14	69	.85	227	.09	2	3.54	.02	.11	1	5
L60N 64+00E	3	134	13	163	3.1	50	15	1987	4.80	24	5	ND	3	55	2	2	5	101	.72	.060	19	62	.85	213	.09	3	3.13	.02	.10	1	1
L60N 64+25E	3	45	10	99	1.5	21	11	233	4.43	23	5	ND	4	55	1	2	3	112	.78	.049	7	42	.58	77	.16	2	2.39	.02	.05	1	3
L60N 64+50E	1	42	8	83	.5	18	10	252	4.29	12	5	ND	3	33	1	2	2	127	.39	.037	5	42	.92	97	.20	2	1.78	.01	.07	1	3
L59N 50+00E	1	41	15	112	.7	25	10	278	4.92	23	5	ND	3	19	1	2	4	126	.19	.059	6	51	.76	77	.13	4	2.64	.01	.05	1	1
L59N 50+25E	1	21	13	76	.4	16	7	298	3.81	15	5	ND	3	14	1	2	3	114	.15	.046	5	35	.49	66	.13	2	1.73	.01	.04	1	2
L59N 50+50E	1	22	9	104	.6	20	8	276	4.14	15	5	ND	3	18	1	2	2	97	.20	.093	5	43	.53	66	.15	2	2.27	.01	.05	1	2
L59N 50+75E	6	78	162	1856	2.8	68	14	1351	4.75	30	5	ND	4	39	11	3	2	90	.58	.050	8	70	.57	89	.14	2	2.84	.01	.04	4	370
L59N 51+00E	7	67	174	1738	3.2	62	14	1207	4.82	32	5	2	3	37	10	2	4	93	.55	.048	8	69	.57	89	.14	4	2.77	.01	.04	4	610
L59N 51+25E	1	47	19	149	.3	37	13	298	4.94	24	5	ND	4	15	1	2	2	107	.17	.110	6	60	.83	93	.15	2	3.92	.01	.05	1	7
L59N 51+50E	2	15	17	140	.7	16	7	468	3.75	10	5	ND	3	15	1	2	4	75	.18	.054	5	30	.38	82	.14	2	2.11	.01	.04	1	3
L59N 51+75E	1	41	15	137	.5	34	11	308	4.96	29	5	ND	4	15	1	2	4	109	.17	.099	6	58	.78	90	.15	2	3.53	.01	.05	1	8
STD C/AU-5	20	58	40	133	7.4	68	28	913	3.87	36	14	7	38	50	18	16	22	60	.43	.086	37	60	.90	179	.08	31	1.87	.06	.14	14	51

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SE	BI	V	CA	P	LA	CR	MG	BA	TI	R	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L59N 52+00E	1	56	26	253	1.0	41	14	391	4.93	46	5	ND	1	15	1	2	3	109	.15	.059	6	63	.70	72	.13	3	2.49	.01	.05	2	46
L59N 52+25E	1	72	18	235	.5	50	19	364	5.28	49	5	ND	2	25	1	7	2	126	.25	.072	9	79	1.17	93	.14	4	3.47	.01	.07	1	16
L59N 52+50E	1	61	18	220	.7	42	16	342	5.39	43	5	ND	2	24	1	4	7	130	.22	.072	9	76	1.05	93	.14	3	3.40	.01	.07	1	10
L59N 52+75E	1	43	21	139	1.0	28	12	351	4.23	18	5	ND	3	23	1	2	2	110	.22	.045	6	55	.66	106	.14	4	2.68	.01	.05	2	9
L59N 53+50E	3	24	14	89	1.0	9	7	117	3.71	12	5	ND	1	14	1	2	2	109	.16	.026	5	21	.40	110	.02	2	1.88	.01	.03	1	5
L59N 54+00E	2	82	22	255	1.5	49	13	995	3.47	13	5	ND	3	37	4	2	2	78	.58	.055	12	53	.46	119	.14	9	2.88	.02	.04	1	9
L59N 54+25E	1	50	18	346	1.4	46	18	328	4.38	21	5	ND	2	21	1	2	2	108	.26	.051	6	65	.88	94	.14	4	3.11	.01	.05	1	11
L59N 54+50E	1	47	20	345	.7	46	16	333	4.49	22	5	ND	2	22	1	2	2	111	.27	.050	6	68	.91	94	.14	3	3.06	.01	.06	1	7
L59N 54+75E	2	118	268	1842	6.1	62	24	889	5.68	71	5	ND	4	17	4	7	4	119	.21	.115	10	90	1.22	100	.13	15	3.68	.01	.06	10	625
L59N 55+00E	3	53	20	308	1.3	47	18	288	5.23	23	5	ND	2	23	1	2	2	119	.26	.069	8	79	1.00	124	.15	4	3.65	.01	.06	3	2
L59N 55+25E	2	54	22	290	1.3	46	17	280	5.13	27	5	ND	3	23	2	5	2	115	.26	.069	8	77	1.00	123	.14	4	3.53	.01	.07	2	2
L59N 55+50E	5	182	46	240	.6	34	38	755	13.30	31	5	ND	2	34	1	3	2	121	.27	.161	6	61	1.40	209	.09	9	3.72	.01	.05	2	1
L59N 55+75E	1	53	31	175	.7	40	14	343	5.64	41	5	ND	3	18	1	2	3	112	.16	.062	7	69	.48	99	.13	2	2.03	.01	.04	1	9
L59N 56+00E	1	52	21	198	.7	40	18	521	4.83	20	5	ND	2	23	1	3	2	119	.22	.072	7	64	.87	112	.15	2	3.34	.01	.05	1	22
L59N 56+25E	7	445	20	2615	1.3	79	9	1367	2.53	38	5	ND	2	59	21	4	4	49	1.12	.074	20	34	.34	96	.13	2	4.01	.02	.03	10	1
L59N 56+50E	1	39	23	128	.7	18	7	169	3.87	12	5	ND	1	22	1	2	2	110	.25	.037	6	44	.50	87	.12	2	1.83	.01	.03	1	14
L59N 56+75E	1	160	18	185	.7	71	20	456	5.08	23	5	ND	3	33	1	3	4	130	.35	.035	9	79	1.26	84	.14	4	2.94	.01	.08	2	6
L59N 57+00E	1	21	14	84	.3	12	9	330	2.98	10	5	ND	1	13	1	2	2	89	.14	.045	3	23	.27	43	.13	2	.89	.02	.02	1	3
L59N 57+25E	1	99	21	275	.8	41	20	1073	4.37	75	5	ND	3	36	1	2	2	108	.38	.094	9	69	1.13	93	.15	4	2.74	.02	.07	2	13
L59N 57+50E	1	34	24	222	1.0	20	10	260	3.99	10	5	ND	1	22	1	2	2	93	.20	.101	6	44	.55	66	.16	2	2.82	.02	.05	2	1
L59N 57+75E	1	21	28	204	.7	16	11	1277	3.44	9	5	ND	3	14	1	2	2	88	.13	.180	4	33	.22	102	.16	2	2.77	.02	.04	1	3
L59N 58+25E	1	18	18	172	.5	12	12	1041	2.37	2	5	ND	1	23	3	2	2	68	.33	.066	5	29	.27	67	.11	2	1.11	.02	.06	1	31
L59N 58+75E	1	166	20	226	.7	115	22	1313	5.13	25	5	ND	4	49	2	2	2	112	.58	.057	11	108	1.31	116	.14	2	2.74	.02	.07	1	26
L59N 59+00E	1	146	25	182	1.7	72	18	984	4.40	13	5	ND	4	78	7	3	2	87	1.07	.054	10	78	.64	79	.15	4	3.05	.02	.05	1	7
L59N 59+25E	2	74	27	444	1.6	100	17	1225	3.99	14	5	ND	4	67	12	2	3	77	.86	.063	8	73	.82	101	.17	2	3.53	.02	.06	3	1
L59N 59+50E	1	126	18	175	1.0	235	41	1643	6.75	11	5	ND	4	63	2	2	2	135	.99	.067	8	575	3.43	82	.19	6	3.39	.01	.08	1	4
L59N 59+75E	1	187	22	256	1.7	163	25	2044	4.88	12	5	ND	1	78	3	3	4	129	1.47	.088	7	287	1.72	109	.11	8	2.42	.02	.06	1	21
L59N 60+25E	1	69	23	169	.4	38	15	337	5.40	23	5	ND	2	19	1	2	2	128	.21	.087	7	80	1.00	87	.14	2	3.18	.01	.06	3	1
L59N 60+50E	1	22	28	103	.6	14	9	325	3.24	7	5	ND	1	15	1	2	2	80	.17	.062	4	38	.31	75	.14	8	1.98	.02	.04	2	1
L59N 61+00E	1	52	16	114	.5	35	18	286	4.44	22	5	ND	2	28	1	3	2	112	.33	.038	8	69	.87	96	.14	9	2.78	.02	.07	3	13
L59N 61+25E	1	29	21	116	.4	16	11	1140	3.33	9	5	ND	1	26	1	2	2	80	.37	.104	5	36	.36	78	.12	7	1.73	.02	.04	1	3
L59N 61+75E	1	237	27	159	1.7	40	20	1940	4.26	21	5	ND	3	99	3	2	3	72	1.58	.052	20	50	.41	149	.09	3	2.22	.02	.05	1	97
L59N 62+00E	1	368	26	221	1.4	79	12	1036	2.45	9	5	ND	2	160	3	2	2	48	3.72	.090	8	105	.59	101	.04	5	1.42	.02	.05	1	7
L59N 62+25E	1	61	21	107	.5	32	15	403	4.15	15	5	ND	3	33	1	2	2	105	.44	.031	8	62	.86	93	.12	5	2.41	.01	.07	2	3
L59N 62+50E	1	52	19	113	.2	29	14	428	3.58	15	5	ND	2	29	1	2	2	85	.36	.076	11	59	1.04	79	.13	2	1.95	.02	.10	2	2
L59N 62+75E	1	45	16	167	.6	29	15	789	3.49	11	5	ND	3	30	1	2	2	83	.36	.095	9	54	.84	160	.11	2	1.97	.02	.09	2	1
STD C/AU-S	18	57	40	131	6.9	63	26	915	3.95	36	14	7	36	47	16	14	22	55	.40	.082	35	61	.84	174	.08	31	1.78	.06	.13	11	50

REBAGLIATI GEOLOGICAL PROJECT-REBAGLIATI HC FILE # 87-2942

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SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L59N 63+00E	1	91	10	139	.9	41	16	696	4.22	25	5	ND	4	65	2	4	2	100	1.09	.086	14	65	1.12	129	.12	5	2.15	.02	.19	1	2
L59N 63+25E	1	150	11	206	1.4	45	17	1067	3.90	17	5	ND	4	67	4	3	2	88	1.12	.098	12	64	.96	136	.11	4	2.03	.02	.14	1	3
L59N 63+50E	1	56	12	119	.6	28	15	695	3.74	20	5	ND	4	55	2	3	2	93	1.04	.065	9	56	.97	101	.12	4	1.78	.02	.12	1	5
L59N 63+75E	3	58	8	69	1.1	18	6	196	1.63	11	5	ND	2	161	1	2	2	35	3.86	.079	4	23	.29	94	.04	5	1.11	.01	.05	1	2
L59N 64+00E	1	39	11	104	.8	19	9	355	2.76	14	5	ND	1	53	1	2	2	80	.86	.047	8	34	.51	98	.10	2	1.52	.01	.06	1	1
L59N 64+25E	1	67	15	111	.5	33	15	409	3.74	24	5	ND	4	25	2	2	2	93	.38	.081	10	54	1.02	73	.13	4	2.07	.01	.09	2	1
L59N 64+50E	1	62	15	106	.5	35	15	437	4.00	29	5	ND	3	29	1	4	2	97	.42	.095	12	59	1.11	71	.12	4	2.05	.01	.09	2	10
L59N 64+75E	1	105	17	108	.6	29	10	421	2.29	14	5	ND	2	120	3	3	2	56	2.98	1.06	6	41	.65	82	.05	7	1.30	.01	.10	1	5
L58N 50+50E	1	73	13	217	.8	46	20	341	4.84	29	5	ND	3	27	1	2	2	113	.29	.056	8	67	1.05	107	.16	2	3.46	.01	.06	1	5
L58N 50+75E	1	23	20	135	.6	21	9	351	3.56	16	5	ND	2	12	2	2	2	81	.15	.074	5	40	.40	62	.16	3	2.73	.01	.05	2	3
L58N 51+00E	1	49	16	173	.8	26	14	410	4.14	20	5	ND	3	14	2	2	2	93	.27	.139	6	49	.63	95	.13	4	3.83	.01	.05	1	22
L58N 51+25E	1	34	21	171	.7	30	11	415	4.49	25	5	ND	3	23	3	2	2	110	.33	.074	5	54	.74	95	.16	4	2.50	.01	.06	1	1
L58N 51+50E	1	37	14	224	1.0	34	18	722	4.52	16	5	ND	3	16	3	2	2	112	.24	.079	7	52	.67	85	.18	3	2.84	.01	.06	1	18
L58N 51+75E	1	50	12	241	1.1	44	15	377	5.65	30	5	ND	3	19	2	3	2	122	.21	.090	8	72	.80	121	.16	3	3.97	.01	.07	1	1
L58N 52+00E	1	18	14	109	.7	21	9	284	3.52	11	5	ND	2	15	2	2	2	96	.20	.044	6	40	.43	68	.15	2	1.78	.01	.04	1	1
L58N 52+25E	1	87	10	439	1.6	64	19	577	5.00	27	5	ND	3	25	3	2	2	120	.36	.054	9	75	.92	147	.12	2	3.95	.01	.07	1	1
L58N 52+50E	4	38	19	173	1.4	19	9	541	4.26	21	5	ND	2	10	1	2	2	107	.11	.109	6	31	.37	66	.12	2	2.08	.01	.03	1	8
L58N 52+75E	6	185	20	516	1.2	62	79	1032	9.83	59	5	ND	4	9	3	2	2	119	.14	.099	12	49	1.51	48	.10	4	4.00	.01	.04	1	44
L58N 53+00E	1	69	15	2876	4.4	199	22	2886	5.10	24	5	ND	5	60	22	4	5	87	.99	.071	9	60	.97	147	.17	8	4.38	.02	.07	7	1
L58N 53+25E	1	12	10	113	.6	12	6	193	2.28	9	5	ND	1	10	1	2	2	67	.14	.028	4	17	.24	46	.11	2	.96	.02	.04	1	1
L58N 53+50E	1	29	141	321	2.0	53	15	593	5.53	43	5	ND	2	7	3	20	2	121	.07	.062	5	123	.50	107	.11	2	1.41	.01	.03	1	26
L58N 53+75E	1	98	18	242	1.2	71	23	442	5.93	39	5	ND	3	28	2	5	2	135	.29	.059	9	96	1.50	163	.14	3	3.93	.01	.07	1	8
L58N 54+25E	1	14	17	124	1.4	19	7	269	3.97	21	5	ND	3	15	3	2	2	113	.16	.068	6	42	.31	98	.13	4	1.53	.01	.03	1	4
L58N 54+50E	1	30	135	692	3.0	52	18	554	4.25	29	5	ND	3	18	3	2	2	87	.24	.071	6	62	.51	99	.15	2	3.01	.01	.04	2	1
L58N 54+75E	1	58	30	164	.9	45	15	546	5.19	26	5	ND	3	23	2	2	2	126	.27	.073	8	72	1.01	105	.16	3	3.08	.01	.05	1	5
L58N 55+00E	1	29	39	172	2.1	25	10	295	4.74	34	5	ND	2	12	1	2	2	109	.16	.090	7	53	.51	73	.16	2	2.54	.01	.05	1	40
L58N 55+25E	1	22	37	151	1.6	23	9	345	4.48	32	5	ND	1	12	1	2	2	110	.15	.073	7	47	.44	73	.15	2	2.07	.01	.04	1	31
L58N 55+50E	1	29	18	211	1.0	26	8	267	4.04	17	5	ND	2	16	2	2	2	104	.20	.055	6	49	.53	82	.16	2	2.18	.01	.05	1	3
L58N 55+75E	1	61	10	197	1.1	49	17	429	4.59	22	5	ND	4	18	3	3	2	97	.25	.125	7	71	.85	97	.17	16	4.45	.02	.06	2	17
L58N 56+00E	1	47	19	147	.9	37	11	480	4.18	17	5	ND	2	17	2	2	2	109	.22	.085	6	50	.62	70	.16	2	2.08	.01	.05	1	1
L58N 56+25E	1	25	17	161	1.3	48	10	332	3.58	12	5	ND	3	15	2	2	2	84	.19	.069	6	35	.33	81	.15	2	2.24	.01	.04	1	1
L58N 56+50E	5	209	20	2174	2.4	481	21	2297	4.79	24	5	ND	3	37	10	2	3	87	.87	.062	13	48	.48	93	.18	2	3.47	.02	.05	5	18
L58N 56+75E	1	92	13	427	1.6	50	14	488	4.86	23	5	ND	3	30	2	2	4	103	.46	.105	8	57	.65	123	.16	2	3.82	.01	.08	1	3
L58N 57+00E	1	37	19	194	.7	28	11	272	4.44	12	5	ND	3	25	1	2	2	111	.35	.090	7	48	.67	83	.19	2	2.44	.01	.07	1	1
L58N 57+25E	1	124	17	360	1.3	68	18	927	5.42	20	5	ND	3	34	2	2	2	124	.48	.064	9	80	1.08	169	.15	13	4.11	.02	.10	1	12
L58N 57+50E	1	63	11	228	1.1	33	16	287	3.98	15	5	ND	3	25	2	2	3	88	.29	.105	8	52	.76	105	.16	2	3.47	.02	.05	1	6
STD C/AU-S	19	57	40	132	7.3	67	27	891	3.68	37	19	7	37	49	17	17	21	57	.49	.085	36	59	.84	175	.08	39	1.81	.06	.13	13	49

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	WA	K	M	AUM
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
L58N 57+75E	2	60	21	451	1.0	41	14	929	4.52	8	5	ND	3	21	2	2	2	97	.27	.076	6	51	.55	88	.17	2	2.75	.02	.06	2	8
L58N 58+25E	1	45	22	273	.8	25	10	313	4.70	12	5	ND	2	17	1	2	2	93	.26	.102	6	45	.48	85	.17	2	3.63	.01	.04	1	7
L58N 58+50E	1	90	14	148	.7	39	13	387	4.57	13	5	ND	4	32	2	2	2	101	.42	.070	11	58	.68	123	.14	2	2.88	.01	.05	1	8
L58N 58+75E	1	133	21	132	.4	167	21	420	4.88	23	5	ND	2	21	1	4	2	111	.31	.059	7	166	1.38	62	.15	2	2.94	.01	.06	1	2
L58N 59+00E	3	267	23	223	1.7	194	32	2803	4.57	15	5	ND	3	57	3	2	2	91	1.11	.062	17	128	.93	126	.14	15	3.20	.02	.06	1	11
L58N 59+25E	1	38	15	150	.3	45	17	366	4.01	25	5	ND	2	20	2	2	2	89	.26	.066	6	66	.65	72	.14	2	2.24	.01	.06	1	6
L58N 59+50E	2	60	15	134	.7	151	24	548	5.34	14	5	ND	2	18	1	2	2	125	.31	.073	4	378	2.83	55	.18	21	2.78	.01	.06	1	3
L58N 59+75E	1	59	16	103	.8	104	10	380	2.68	7	5	ND	2	19	2	2	2	59	.28	.060	6	62	.55	67	.13	12	2.11	.02	.05	1	19
L58N 60+00E	1	37	17	100	.6	107	21	601	4.77	5	5	ND	1	15	2	2	2	111	.24	.085	3	268	1.48	43	.17	2	1.61	.01	.04	1	15
L58N 60+25E	3	71	34	140	.9	160	35	1272	5.76	22	5	ND	1	22	1	2	2	118	.32	.080	6	329	1.98	36	.14	2	2.79	.01	.04	1	49
L58N 60+50E	1	81	108	208	1.4	249	37	766	7.44	53	5	2	2	26	2	2	2	156	.29	.067	4	610	3.41	140	.17	5	3.79	.01	.09	1	16
L58N 60+75E	3	92	378	390	3.1	258	43	1991	7.59	32	5	ND	3	39	5	4	2	146	.45	.059	9	371	1.88	153	.10	5	3.36	.01	.04	1	42
L58N 61+00E	1	38	30	237	.6	21	16	1243	3.92	13	5	ND	1	19	2	2	2	84	.24	.110	5	44	.53	115	.13	2	1.76	.01	.05	1	75
L58N 61+25E	3	105	22	117	.7	32	15	1749	3.79	14	5	ND	3	89	1	2	2	75	1.38	.054	10	52	.59	120	.14	2	3.15	.02	.04	1	11
L58N 61+50E	2	51	19	104	.1	32	10	265	4.36	15	5	ND	2	21	1	2	2	114	.28	.045	8	67	1.03	63	.12	6	2.22	.02	.06	1	8
L58N 61+75E	1	26	21	73	.1	24	9	193	3.43	12	5	ND	1	19	1	2	2	96	.26	.029	6	49	.63	57	.14	2	1.66	.01	.04	1	11
L58N 62+00E	2	82	26	102	.2	41	16	466	4.38	20	5	ND	3	26	1	2	2	99	.39	.054	12	74	1.31	64	.13	2	2.17	.01	.08	1	22
L58N 62+25E	1	32	24	143	.6	22	12	2058	2.94	7	5	ND	1	38	2	2	2	61	.65	.077	4	34	.28	157	.06	3	.96	.01	.07	1	16
L58N 62+75E	1	28	20	144	.2	16	11	789	3.24	5	5	ND	1	15	1	2	2	72	.21	.070	6	32	.32	65	.14	2	1.81	.02	.04	1	5
L58N 63+00E	1	55	10	117	.1	36	15	364	3.89	13	5	ND	3	21	1	2	2	90	.34	.061	8	56	.96	108	.13	2	2.26	.01	.06	1	2
L58N 63+25E	2	49	13	158	.5	29	15	399	4.30	19	5	ND	3	19	1	2	2	85	.28	.106	7	50	.81	94	.14	15	2.44	.02	.05	1	5
L58N 63+50E	1	50	18	140	.3	25	14	498	3.89	19	5	ND	2	22	1	2	2	89	.37	.092	6	46	.69	85	.13	8	2.03	.02	.05	5	14
L58N 63+75E	2	44	7	57	.8	13	4	569	1.00	6	5	ND	1	183	1	3	2	22	4.77	.092	5	15	.23	133	.02	17	.83	.02	.05	2	1
L58N 64+50E	3	23	17	126	.7	21	10	573	4.41	12	5	ND	3	20	1	2	2	87	.29	.123	6	48	.53	131	.16	3	2.87	.02	.07	1	3
L58N 64+75E	2	51	17	127	.6	32	13	595	3.99	18	5	ND	3	27	1	3	2	95	.40	.068	9	61	1.10	135	.13	2	1.92	.01	.07	3	2
L58N 65+00E	1	54	20	91	.3	33	15	644	3.46	16	5	ND	3	28	1	2	2	81	.46	.075	8	56	.98	67	.13	17	1.56	.02	.09	1	5
L57+50N 55+00E	2	32	22	147	.5	45	22	669	5.40	50	5	ND	2	29	1	2	2	76	.24	.054	6	60	.40	117	.04	8	1.79	.02	.06	1	5
L57+50N 55+25E	1	28	23	139	.3	40	29	652	4.96	44	5	ND	2	27	1	2	2	72	.23	.050	5	53	.35	113	.04	2	1.57	.01	.06	1	4
L57+50N 55+50E	1	13	24	95	.3	15	5	236	2.88	4	5	ND	1	12	1	2	3	85	.17	.032	4	43	.32	53	.19	10	.87	.02	.03	1	5
STD C/AU-S	17	59	40	130	7.1	70	26	941	3.89	37	19	6	36	47	17	17	19	55	.49	.081	36	63	.87	175	.08	39	1.81	.06	.13	13	53
L57+50N 55+75E	1	69	24	176	.4	79	21	738	5.14	19	5	ND	3	29	2	4	2	118	.40	.054	7	110	1.31	139	.14	4	2.94	.01	.06	1	2
L57+50N 56+00E	1	30	20	87	.2	68	12	409	3.82	10	5	ND	2	13	2	2	2	89	.21	.050	4	90	.66	80	.15	7	1.83	.02	.03	1	5
L57+50N 56+25E	1	27	24	151	.5	24	11	350	4.06	8	5	ND	2	25	1	2	2	102	.43	.059	6	45	.53	93	.15	2	1.97	.01	.06	1	1
L57+50N 56+50E	3	75	32	226	.9	67	22	641	6.27	44	5	ND	3	23	1	3	2	131	.32	.064	6	103	1.23	124	.17	4	3.36	.01	.06	1	5
L57+50N 56+75E	2	44	19	210	.5	25	11	486	4.18	13	5	ND	2	19	1	2	2	96	.37	.074	5	45	.64	91	.14	7	1.93	.02	.05	1	2
L57+50N 57+00E	2	31	22	205	.2	21	9	299	3.90	10	5	ND	1	21	1	2	2	103	.35	.053	5	42	.56	84	.11	3	1.80	.01	.04	1	4
L57+50N 57+25E	4	73	48	1037	1.9	37	17	680	6.54	26	5	ND	2	17	3	2	2	111	.25	.106	5	55	.82	91	.16	2	3.00	.01	.06	3	41

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SR PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	M PPM	AU# PPM
L57+50N 57+50E	1	30	23	248	.4	25	13	534	4.00	9	5	ND	2	22	1	2	2	98	.29	.087	6	44	.65	88	.15	6	1.99	.01	.06	2	18
L57+50N 57+75E	1	58	19	153	.3	35	17	411	4.74	14	5	ND	3	31	1	2	2	116	.38	.052	7	61	.96	104	.14	7	2.74	.01	.06	2	14
L57+50N 58+00E	4	167	33	240	.5	39	39	810	9.72	29	5	ND	3	23	1	3	2	110	.29	.103	6	61	1.12	119	.10	11	3.10	.01	.07	1	50
L57+50N 58+25E	2	84	21	129	1.2	35	15	563	4.95	15	5	ND	4	30	1	2	2	91	.46	.045	12	56	.69	115	.15	11	2.98	.02	.05	1	19
L57+50N 58+50E	1	31	20	92	.1	16	9	646	3.56	7	5	ND	1	17	1	2	2	86	.20	.078	6	34	.43	89	.14	2	1.66	.01	.04	1	7
L57+50N 58+75E	1	62	26	138	.3	41	13	837	4.28	11	5	ND	1	27	1	2	2	111	.36	.065	6	92	.98	85	.14	5	2.06	.01	.07	1	12
L57+50N 59+00E	1	23	14	81	.2	51	17	816	3.45	8	5	ND	1	14	1	2	2	85	.24	.044	3	124	.73	54	.14	10	1.09	.02	.03	1	4
L57+50N 59+25E	1	34	19	135	.1	42	18	826	3.96	9	5	ND	1	29	1	2	2	89	.36	.138	4	90	.70	82	.13	5	1.51	.02	.05	1	3
L57+50N 59+50E	1	37	23	314	.7	52	16	617	4.28	22	5	ND	1	19	1	2	2	131	.21	.118	5	106	.95	64	.13	8	2.05	.02	.04	2	11
L57+50N 59+75E	1	24	22	267	.5	44	20	652	4.65	49	5	ND	1	20	1	2	2	128	.21	.068	3	146	1.27	44	.14	3	1.77	.01	.03	1	1260
L57+50N 60+00E	1	29	19	173	.3	36	15	369	3.93	13	5	ND	2	21	1	2	2	93	.31	.069	7	83	.89	76	.13	4	2.12	.01	.06	3	131
L57+50N 60+25E	1	30	17	163	.3	36	15	377	3.90	11	5	ND	3	22	1	2	2	92	.34	.067	7	78	.88	82	.13	4	2.12	.01	.06	1	11
L57+50N 60+50E	3	56	16	126	.2	74	36	993	7.75	14	5	ND	1	26	1	2	2	160	.43	.096	3	326	2.79	85	.18	8	2.83	.01	.12	1	5
L57+50N 60+75E	1	24	26	103	.1	60	15	293	4.25	9	5	ND	1	25	1	2	2	109	.35	.040	4	181	1.13	53	.15	4	1.83	.01	.05	1	1
L57+50N 61+00E	2	30	19	93	.1	23	9	408	3.35	11	5	ND	2	17	1	2	2	95	.20	.038	5	54	.55	65	.13	4	1.19	.01	.04	1	12
L57+50N 61+25E	1	64	26	129	.2	32	12	292	4.67	19	5	ND	2	31	1	2	2	114	.37	.074	5	67	.85	60	.12	5	2.12	.01	.05	1	130
L57+50N 61+50E	1	34	22	127	.3	16	13	726	3.48	11	5	ND	1	16	1	2	2	81	.19	.092	5	38	.47	60	.12	3	1.50	.01	.03	1	11
L57+50N 61+75E	1	81	14	61	.7	20	9	352	2.32	10	5	ND	1	185	1	2	2	51	2.75	.058	5	32	.44	93	.05	5	1.31	.01	.04	1	14
L57+50N 62+00E	1	124	22	80	.8	36	14	454	3.43	11	5	ND	4	72	1	2	2	70	1.06	.037	13	51	.53	85	.14	4	2.36	.02	.04	1	11
L57+50N 62+25E	2	130	24	162	1.0	38	19	1383	4.40	16	5	ND	2	85	1	2	2	74	1.41	.072	20	44	.49	116	.10	5	2.35	.02	.06	1	21
L57+50N 62+50E	1	20	16	98	.2	15	8	308	2.62	9	5	ND	2	23	1	2	2	66	.34	.122	5	28	.35	77	.11	8	1.38	.02	.05	1	3
L57+50N 63+00E	1	22	17	121	.1	20	12	701	2.97	9	5	ND	2	21	1	2	2	72	.32	.124	7	39	.57	116	.10	3	1.78	.01	.05	1	8
L57+50N 63+25E	1	52	16	110	.3	28	13	478	3.44	17	5	ND	3	28	1	2	2	80	.43	.089	9	48	.86	89	.12	2	1.91	.01	.09	1	8
L57+50N 63+50E	1	74	16	95	.4	31	16	570	3.55	23	5	ND	5	54	1	3	2	77	1.05	.098	11	45	.95	66	.12	4	1.39	.03	.10	2	20
L57+50N 63+75E	2	35	15	117	.1	19	11	280	4.06	20	5	ND	2	19	1	2	2	110	.29	.072	5	40	.61	87	.15	4	1.41	.01	.05	1	4
L57+50N 64+00E	4	124	18	121	1.5	40	14	2146	4.01	17	5	ND	3	66	3	2	2	80	1.05	.079	14	44	.58	170	.11	3	2.41	.02	.07	1	9
L57+50N 64+25E	1	18	12	74	.3	12	6	228	2.28	8	5	ND	2	13	1	2	2	66	.18	.043	6	26	.38	96	.12	9	1.03	.01	.05	2	3
L57+50N 64+50E	1	4	5	27	.2	3	2	212	.77	2	5	ND	1	9	1	2	2	28	.13	.014	5	9	.08	57	.08	2	.34	.01	.04	2	3
L57+50N 64+75E	1	14	12	62	.3	10	5	242	1.78	5	5	ND	2	16	1	2	2	56	.22	.034	6	21	.22	93	.09	2	.73	.01	.04	1	2
L57+50N 65+00E	1	27	14	121	.3	23	9	263	3.44	13	5	ND	3	19	1	2	2	83	.28	.086	7	43	.73	82	.11	5	1.84	.01	.07	2	5
L57+00N 50+00E	1	85	32	183	.6	74	23	446	5.53	29	5	ND	3	26	1	4	2	117	.34	.063	8	170	1.79	80	.17	5	3.00	.01	.08	1	53
L57+00N 50+25E	1	45	21	131	.5	37	14	509	4.78	21	5	ND	3	16	1	2	3	97	.21	.128	7	88	.87	70	.17	6	3.03	.01	.06	1	12
L57+00N 50+50E	1	42	22	125	.5	34	14	536	4.65	18	5	ND	3	16	1	2	2	94	.20	.128	6	84	.82	69	.16	6	2.88	.01	.07	1	29
L57+00N 50+75E	1	47	21	154	.5	30	13	715	4.02	19	5	ND	3	18	1	2	2	90	.21	.116	7	53	.69	106	.14	4	2.82	.01	.05	1	18
L57+00N 51+00E	1	42	23	175	.3	34	14	541	5.01	26	5	ND	2	19	1	2	2	114	.23	.091	7	59	.80	93	.14	3	2.82	.01	.06	1	12
L57+00N 51+25E	1	39	39	170	.4	29	11	788	4.30	18	5	ND	3	16	2	2	2	106	.21	.084	6	52	.69	146	.13	3	2.30	.01	.05	1	6
STD C/AU-S	18	58	41	132	7.0	68	27	920	3.92	37	19	8	38	49	18	17	23	58	.48	.088	37	59	.88	177	.08	36	1.79	.06	.13	13	52

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	WA	K	N	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
L57N 51+50E	1	50	46	216	.4	37	14	871	5.09	23	5	ND	3	19	1	3	5	129	.21	.108	7	71	.88	173	.16	4	2.94	.01	.06	2	26
L57N 51+75E	1	38	23	188	.5	40	16	779	5.30	26	5	ND	3	20	1	2	3	130	.22	.075	7	70	.95	123	.19	6	3.07	.01	.08	1	8
L57N 52+00E	1	37	35	252	.7	32	15	3037	4.75	18	5	ND	2	20	1	3	4	113	.26	.133	7	62	.63	167	.14	4	2.68	.01	.09	1	16
L57N 52+25E	1	22	31	188	.5	26	13	1223	3.88	13	5	ND	3	21	1	4	2	98	.24	.079	6	49	.57	123	.16	13	2.01	.02	.06	1	4
L57N 52+50E	1	86	20	176	.3	55	18	505	5.43	33	5	ND	4	23	1	7	4	130	.22	.088	9	89	1.41	110	.13	3	3.48	.01	.08	1	4
L57N 52+75E	3	26	46	140	1.2	16	8	357	5.33	46	5	ND	3	8	1	4	3	122	.07	.097	6	35	.45	53	.13	2	1.59	.01	.03	1	72
L57N 53+25E	1	29	34	165	1.3	60	19	294	8.05	38	5	ND	3	12	2	3	3	159	.08	.069	6	127	.27	54	.06	7	1.70	.01	.03	1	62
L57N 53+75E	1	28	26	191	.7	23	11	465	4.50	15	5	ND	3	25	1	2	2	106	.25	.088	6	52	.61	110	.16	5	2.69	.02	.06	1	4
L57N 54+00E	6	173	25	543	5.8	62	13	3081	3.26	21	5	ND	3	95	10	6	5	70	1.46	.112	14	54	.56	122	.10	6	3.16	.03	.04	1	6
L57N 54+25E	1	28	26	153	.8	31	8	641	3.70	35	5	ND	2	17	1	2	4	100	.18	.072	7	48	.47	109	.11	3	1.66	.01	.04	1	5
L57N 54+50E	3	100	25	248	.9	71	24	686	5.82	37	5	ND	4	21	1	6	3	140	.21	.059	9	101	1.39	144	.11	18	3.42	.01	.07	2	8
L57N 55+00E	3	14	13	20	.9	11	2	31	.53	4	5	ND	2	266	1	2	2	10	3.73	.071	3	9	.19	44	.01	4	.48	.01	.02	1	13
L57N 55+25E	2	38	14	39	1.2	21	3	35	1.13	4	5	ND	3	237	1	2	2	31	3.05	.067	8	32	.24	58	.03	4	.96	.01	.03	1	1
L57N 56+00E	1	23	28	188	.5	24	9	575	3.78	10	5	ND	2	30	1	2	2	112	.32	.048	6	57	.47	129	.15	5	1.38	.01	.05	1	8
L57N 56+50E	6	279	22	88	2.1	42	20	5457	2.46	10	5	ND	3	138	9	2	5	63	2.80	.096	26	43	.34	182	.07	15	2.72	.02	.04	1	10
L57N 56+75E	1	20	23	73	.2	17	6	272	2.22	2	5	ND	1	19	1	2	3	72	.28	.044	5	48	.30	72	.13	12	.85	.01	.04	1	8
L57N 57+00E	1	29	28	100	.5	61	13	297	3.93	6	5	ND	2	19	1	2	4	105	.33	.091	4	138	.84	48	.14	5	1.35	.01	.05	1	6
L57N 57+25E	1	18	21	121	.3	16	8	467	2.72	5	5	ND	2	25	1	2	2	88	.30	.049	5	34	.36	70	.13	2	1.31	.02	.03	1	7
L57N 57+50E	1	29	27	257	.4	27	12	340	3.94	11	5	ND	2	29	1	2	2	104	.44	.077	6	51	.68	88	.15	6	2.17	.02	.06	1	6
L57N 57+75E	1	80	21	241	.4	51	19	454	5.85	20	5	ND	3	26	1	5	5	136	.29	.119	7	83	1.19	124	.16	4	3.66	.01	.08	3	3
L57N 58+00E	2	43	26	500	1.1	35	12	588	3.69	11	5	ND	3	22	3	2	5	91	.32	.070	8	56	.50	114	.16	3	2.65	.02	.04	2	69
L57N 58+25E	1	87	10	112	.2	245	35	539	9.05	6	5	ND	2	9	1	2	2	208	.16	.079	2	860	5.92	63	.25	10	4.48	.01	.07	1	1
L57N 58+50E	1	27	27	137	.4	47	19	1167	4.43	10	5	ND	3	21	1	2	2	120	.29	.104	6	132	.97	118	.17	15	2.18	.02	.11	1	3
L57N 58+75E	1	95	34	168	.5	45	15	484	5.11	18	5	ND	4	23	1	2	6	113	.27	.144	6	88	.99	85	.17	2	3.41	.01	.07	2	26
L57N 59+00E	1	64	46	201	.3	69	37	6005	4.16	29	5	ND	1	60	1	2	4	95	.97	.123	5	153	.73	171	.09	8	1.79	.01	.07	1	109
L57N 59+25E	1	78	23	208	.3	119	30	1156	6.12	23	5	ND	1	30	1	4	4	140	.42	.149	4	248	1.82	84	.14	3	2.80	.01	.09	1	5
L57N 59+50E	1	30	18	87	.3	21	12	1408	2.52	4	5	ND	1	46	1	2	2	73	.51	.049	4	46	.31	75	.10	7	.98	.01	.04	1	6
L57N 59+75E	2	21	25	191	.2	20	6	524	1.21	4	5	ND	1	84	6	2	2	31	1.09	.093	2	29	.28	37	.04	3	.56	.01	.06	1	5
L57N 60+00E	1	34	25	424	.8	53	18	1163	4.04	13	5	ND	2	26	2	2	2	111	.26	.090	6	106	.85	118	.15	2	2.59	.01	.05	2	9
L57N 60+25E	6	110	56	634	1.0	79	35	906	8.22	41	5	ND	4	27	3	3	2	179	.20	.101	7	149	.97	73	.14	5	2.50	.01	.04	2	240
L57N 60+50E	1	38	29	170	.3	42	19	882	4.11	12	5	ND	2	22	1	2	2	103	.27	.100	8	104	.95	105	.13	2	2.10	.01	.09	2	1
L57N 60+75E	1	41	26	167	.2	48	21	893	4.65	17	5	ND	2	28	1	2	4	115	.32	.106	7	111	1.08	93	.13	2	2.48	.01	.07	1	3
L57N 61+25E	1	153	30	245	.9	60	25	749	5.98	28	5	ND	5	74	1	4	2	131	.74	.054	11	105	1.49	107	.14	8	3.29	.02	.09	1	38
L57N 61+50E	1	62	26	185	.5	36	21	793	4.91	20	5	ND	3	28	1	4	6	122	.29	.047	8	73	.90	88	.15	4	2.69	.01	.06	1	7
L57N 61+75E	1	59	22	192	.5	28	17	611	4.41	17	5	ND	2	19	1	2	2	101	.21	.115	5	54	.68	96	.16	2	2.68	.02	.05	2	1
L57N 62+00E	1	60	18	123	.3	35	17	352	4.08	17	5	ND	2	21	1	2	5	97	.26	.093	7	59	.89	92	.13	12	2.65	.02	.06	1	5
STD CIAU-S	18	57	44	131	6.9	67	27	922	3.86	35	17	7	37	48	17	15	20	58	.41	.084	36	64	.84	173	.08	31	1.77	.06	.13	14	52

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM	
L57N 62+25E	1	35	22	117	.2	26	12	253	4.32	25	5	ND	3	25	2	2	2	119	.36	.053	6	55	.66	76	.13	4	1.93	.01	.05	1	8
L57N 62+50E	1	52	24	151	.4	38	18	702	4.34	22	5	ND	3	51	2	2	2	94	.75	.059	6	56	.84	118	.12	4	2.51	.02	.07	1	17
L57N 62+75E	1	40	14	152	.4	29	16	1023	3.64	15	5	ND	2	29	2	2	2	86	.42	.055	7	48	.74	134	.13	5	1.96	.01	.07	2	6
L57N 63+00E	1	114	18	115	.8	36	18	1123	4.13	20	5	ND	3	83	2	2	2	81	1.15	.051	12	58	.93	140	.13	2	2.34	.01	.09	1	15
L57N 63+25E	1	58	15	102	.4	31	14	452	3.66	17	5	ND	3	50	2	2	2	83	.68	.034	10	47	.73	102	.13	10	2.29	.02	.06	1	12
L57N 63+50E	1	74	13	112	.6	37	16	636	3.94	18	5	ND	5	44	2	2	2	88	.57	.058	11	53	1.01	127	.15	23	2.33	.03	.09	1	69
L57N 63+75E	1	86	19	182	.9	41	19	559	4.48	24	5	ND	3	49	2	2	2	97	.63	.070	11	55	.98	121	.17	2	2.86	.03	.09	2	12
L57N 64+00E	1	40	16	115	.6	27	13	260	4.54	21	6	2	5	28	3	2	2	110	.30	.033	9	54	.90	97	.16	10	2.39	.02	.06	2	1
L57N 64+25E	1	34	16	120	.4	22	11	272	4.02	14	5	ND	2	27	1	2	2	98	.33	.050	7	46	.81	130	.15	3	1.96	.02	.07	2	1
L57N 64+50E	1	28	13	144	.8	22	12	230	4.53	16	5	ND	3	19	2	2	2	96	.26	.150	8	44	.62	105	.14	4	2.61	.02	.06	4	1
L57N 64+75E	2	70	19	95	.2	33	12	357	4.39	21	5	ND	3	50	1	2	2	109	.62	.025	16	62	1.10	122	.13	2	2.38	.02	.08	1	1
L57N 65+00E	1	19	12	57	.2	12	5	122	2.46	7	5	ND	1	24	1	2	2	63	.39	.027	4	18	.28	64	.08	2	1.09	.01	.05	1	2
L56N 50+00E	3	85	31	220	.6	164	35	702	7.49	39	5	2	2	23	3	2	2	136	.47	.067	3	488	3.70	43	.20	5	3.15	.01	.11	1	76
L56N 50+25E	1	89	30	232	.6	169	36	763	7.73	40	5	2	1	25	3	2	2	141	.51	.070	4	593	3.81	45	.20	5	3.25	.01	.11	1	92
L56N 50+50E	1	69	34	255	.5	146	34	1041	6.60	50	5	ND	2	31	2	2	2	126	.42	.062	5	342	2.54	68	.19	6	3.37	.01	.09	1	23
L56N 50+75E	1	115	26	245	.8	138	34	545	7.25	28	5	ND	1	24	2	2	2	132	.31	.060	5	361	3.10	59	.22	19	3.46	.01	.12	1	25
L56N 51+00E	1	86	25	212	.6	64	20	526	5.99	30	5	ND	4	24	3	2	2	119	.30	.126	7	115	1.40	87	.18	6	4.27	.01	.09	1	1
L56N 51+25E	5	178	41	227	1.3	145	51	994	12.60	52	5	2	3	15	3	2	2	169	.31	.089	8	206	2.38	49	.24	7	3.24	.01	.05	1	25
L56N 51+50E	2	45	45	693	1.4	80	26	1543	5.85	23	5	ND	2	41	3	2	2	101	.42	.089	6	131	1.17	86	.17	2	3.37	.02	.05	1	1
L56N 51+75E	1	24	36	158	.7	23	13	1093	3.57	9	6	ND	2	15	3	2	2	87	.17	.037	5	86	.44	99	.14	3	.97	.01	.03	1	16
L56N 52+00E	1	61	24	201	.7	54	19	868	6.00	25	5	ND	2	26	2	2	2	145	.28	.084	6	145	1.85	120	.19	5	2.89	.01	.09	1	8
L56N 52+25E	1	29	21	179	.9	40	15	511	5.44	20	5	ND	2	18	2	2	2	119	.20	.127	6	95	.83	103	.18	2	2.83	.01	.06	1	1
L56N 52+50E	1	13	24	167	.5	20	9	1040	3.80	11	5	ND	1	14	1	2	3	91	.20	.094	6	42	.42	86	.15	2	1.40	.01	.05	1	305
L56N 52+75E	10	26	110	230	1.3	43	13	1010	5.05	22	5	ND	1	15	2	2	4	119	.21	.066	5	98	.72	89	.16	2	1.82	.01	.05	1	66
L56N 53+00E	2	23	166	162	3.4	20	10	716	2.94	15	5	ND	1	16	2	2	2	75	.15	.042	4	47	.39	60	.11	14	.94	.02	.04	1	164
L56N 53+25E	2	55	20	176	.4	65	23	939	6.26	34	5	ND	1	36	1	2	2	128	.47	.198	5	158	1.74	124	.15	2	2.88	.01	.07	1	4
L56N 53+50E	3	130	24	500	2.4	81	16	4031	3.52	18	5	ND	2	111	10	2	2	61	2.35	.121	11	66	.61	113	.06	7	2.44	.02	.05	1	1
L56N 53+75E	1	46	34	387	1.0	37	19	3159	5.72	29	5	ND	3	37	2	2	2	111	.43	.088	7	61	.80	357	.12	9	2.55	.02	.06	1	31
L56N 54+00E	5	71	49	282	.8	63	19	645	6.90	54	5	ND	2	24	2	22	2	109	.25	.076	9	75	.96	133	.08	4	2.38	.01	.07	1	26
STD C/AU-S	19	62	42	134	7.1	67	28	994	3.93	37	20	8	39	50	17	17	21	58	.48	.086	37	59	.87	185	.08	37	1.79	.06	.13	13	52
L56N 54+25E	4	89	15	233	.5	84	26	565	6.46	33	5	ND	3	33	1	2	2	143	.35	.078	9	158	1.72	144	.15	2	3.90	.01	.11	1	19
L56N 54+50E	1	24	22	142	.4	21	7	172	4.76	18	5	ND	2	20	1	2	2	127	.19	.026	7	53	.47	109	.15	2	1.94	.02	.03	1	7
L56N 54+75E	2	47	23	411	.2	49	16	509	5.61	29	5	ND	2	14	2	2	2	118	.18	.127	7	73	1.03	95	.14	2	3.18	.01	.07	1	22
L56N 55+25E	1	45	24	229	.5	66	22	492	6.34	36	5	ND	1	18	1	2	2	137	.27	.083	5	183	1.72	108	.23	2	4.06	.01	.10	1	1
L56N 55+50E	2	87	45	231	1.7	86	23	572	6.29	31	5	ND	4	20	2	2	2	130	.28	.084	8	110	1.41	226	.15	3	4.20	.01	.08	1	81
L56N 55+75E	2	81	27	146	.5	55	21	677	4.77	19	5	ND	4	36	1	2	2	113	.45	.037	9	80	1.39	156	.17	2	2.82	.01	.08	2	31
L56N 56+00E	3	56	26	153	.2	49	20	532	5.43	21	5	ND	1	24	1	2	2	126	.35	.040	7	89	1.23	135	.17	2	2.88	.01	.07	1	37

SAMPLE#	MD PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU# PPB
L56N 56+25E	3	79	19	229	.4	78	22	457	5.82	27	5	ND	5	24	2	2	3	138	.25	.080	7	111	1.26	123	.18	10	3.97	.01	.07	2	16
L56N 56+50E	2	34	23	181	.5	30	13	656	4.85	7	5	ND	2	23	2	2	2	124	.32	.100	6	72	.87	110	.17	11	2.20	.01	.08	1	13
L56N 56+75E	1	13	12	82	.2	17	8	252	2.44	3	5	ND	2	9	2	2	2	74	.09	.035	3	43	.25	44	.14	3	1.27	.02	.02	1	3
L56N 57+00E	1	99	25	161	.7	73	40	1497	8.15	31	5	ND	3	19	2	2	2	146	.23	.112	5	115	1.82	115	.13	13	2.86	.01	.05	2	5
L56N 57+25E	1	65	17	188	.9	40	16	362	4.46	13	5	ND	4	31	3	4	2	117	.36	.055	7	62	.80	129	.16	6	3.07	.02	.07	1	19
L56N 57+50E	1	81	14	258	.7	38	18	908	4.36	14	5	ND	3	33	2	2	2	114	.35	.086	8	58	.73	129	.15	6	2.80	.02	.06	2	4
L56N 58+00E	1	36	14	140	.5	21	11	424	3.45	10	5	ND	2	25	1	2	2	103	.28	.055	5	46	.43	88	.16	6	1.41	.02	.05	1	11
L56N 58+25E	1	40	8	91	.1	18	10	599	2.23	8	5	ND	1	14	1	2	2	72	.14	.034	4	34	.32	67	.11	2	.95	.02	.03	1	9
L56N 58+50E	2	94	22	126	.8	89	21	586	4.84	9	5	ND	2	20	1	4	2	120	.23	.052	7	153	1.61	131	.18	4	2.96	.01	.06	1	17
L56N 58+75E	2	68	25	130	.4	57	17	432	4.38	13	5	ND	3	24	1	5	2	116	.28	.046	9	129	1.41	111	.15	3	2.37	.01	.07	1	11
L56N 59+00E	2	91	24	162	.3	45	16	679	5.09	18	5	ND	4	23	1	3	4	129	.26	.162	7	100	1.15	95	.15	5	2.86	.01	.07	1	17
L56N 59+25E	1	51	12	127	.2	129	31	516	6.46	38	5	ND	2	21	1	2	2	169	.30	.049	3	450	3.08	46	.21	5	2.94	.01	.10	1	8
L56N 59+50E	1	35	11	143	.8	38	15	379	3.54	9	5	ND	3	20	1	2	4	92	.22	.069	7	68	.68	84	.17	5	2.45	.02	.06	1	5
L56N 59+75E	2	95	13	104	.4	53	19	471	4.35	20	5	ND	4	36	2	3	2	112	.41	.065	9	109	1.33	71	.12	5	2.07	.01	.08	1	67
L56N 60+00E	1	43	15	213	.3	33	16	584	3.71	12	5	ND	3	20	1	2	2	83	.17	.264	6	61	.62	91	.12	3	2.34	.01	.05	1	8
L56N 60+25E	1	63	12	110	.5	46	15	380	3.67	14	5	ND	4	35	2	5	2	100	.35	.055	9	92	1.15	63	.14	3	2.15	.01	.08	1	2
L56N 60+50E	3	90	13	120	.5	59	17	519	4.62	21	5	ND	5	40	2	5	2	112	.37	.047	13	128	1.45	97	.14	4	2.34	.02	.09	1	9
L56N 60+75E	1	72	13	178	.6	84	15	615	3.62	15	5	ND	4	43	3	3	3	89	.43	.058	10	87	.91	91	.14	3	2.38	.02	.07	1	1
L56N 61+00E	1	35	16	89	.4	51	10	228	3.03	12	5	ND	2	36	1	2	2	95	.36	.041	4	137	.83	39	.12	2	1.30	.01	.05	1	5
L56N 61+25E	2	37	13	130	.4	26	11	281	2.95	11	5	ND	2	33	2	2	3	83	.38	.055	6	53	.63	57	.11	2	1.43	.01	.06	2	12
L56N 61+50E	1	42	14	158	.4	24	14	695	3.26	10	5	ND	3	26	1	2	2	90	.27	.078	7	49	.73	84	.14	2	1.85	.01	.06	1	4
L56N 61+75E	1	22	14	93	.2	15	7	377	2.22	6	5	ND	1	21	1	2	2	71	.26	.051	4	31	.38	37	.10	2	.89	.01	.04	1	7
L56N 62+00E	2	97	14	169	.3	47	20	533	4.56	23	5	ND	3	27	2	5	3	115	.34	.083	8	69	1.32	113	.14	2	2.72	.01	.08	2	17
L56N 62+50E	1	40	9	120	.5	28	11	253	3.50	13	5	ND	2	21	1	2	2	93	.29	.064	6	44	.53	62	.13	7	2.08	.02	.06	1	14
L56N 62+75E	1	66	11	124	.3	32	15	572	3.35	18	5	ND	3	34	1	2	3	87	.50	.088	8	53	.91	88	.11	2	1.89	.01	.14	1	9
L56N 63+00E	2	139	16	136	.4	42	27	992	5.53	38	5	ND	4	102	1	7	2	131	1.12	.123	11	71	1.69	172	.17	2	2.17	.04	.23	1	11
L56N 64+00E	1	15	7	98	.2	13	8	673	2.25	6	5	ND	3	17	1	2	4	66	.23	.086	9	32	.46	144	.12	2	1.23	.01	.07	1	3
L56N 64+25E	1	20	9	77	.4	13	6	492	2.04	6	5	ND	3	19	1	2	2	63	.21	.057	7	30	.38	147	.11	2	1.13	.01	.06	1	4
L56N 64+50E	2	22	8	97	.1	18	9	438	2.70	10	5	ND	2	16	1	2	2	77	.23	.076	8	38	.58	92	.11	2	1.43	.01	.06	1	1
L56N 64+75E	4	52	7	81	.8	24	8	234	2.93	15	5	ND	2	65	1	2	3	74	.82	.049	10	42	.56	118	.09	2	1.74	.01	.07	1	1
L55N 50+00E	1	200	24	321	2.4	207	35	1609	5.98	22	5	ND	3	89	4	2	2	111	.90	.062	9	321	2.15	125	.15	3	3.37	.01	.11	1	1
L55N 50+25E	1	198	23	316	2.9	206	36	1631	5.83	19	5	ND	3	94	5	2	2	106	.99	.062	10	316	2.18	122	.16	3	3.31	.01	.10	1	7
L55N 50+50E	1	63	45	267	1.0	84	29	654	6.37	34	5	ND	3	32	3	2	2	121	.37	.105	5	211	1.17	63	.17	2	2.26	.01	.07	1	34
L55N 50+75E	1	48	19	162	.6	120	35	844	5.81	14	5	ND	3	26	1	3	2	109	.31	.176	4	348	2.11	64	.18	2	2.68	.01	.08	1	11
L55N 51+00E	1	24	11	94	.2	86	16	331	4.90	8	5	ND	2	21	1	2	2	115	.26	.084	4	308	1.76	64	.23	2	1.91	.01	.07	1	21
L55N 51+25E	1	33	18	166	.3	65	22	2447	4.13	10	5	ND	2	48	1	2	2	91	.50	.096	4	216	1.37	180	.16	2	1.61	.01	.09	1	4
STD C/AU-S	19	60	37	132	7.3	69	28	937	3.70	36	13	8	39	51	19	14	19	60	.40	.092	38	62	.86	178	.08	30	1.79	.06	.14	10	53

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SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L55N 51+50E	1	65	26	306	.3	64	28	1441	5.33	27	5	ND	2	28	2	2	108	.32	.128	7	130	1.36	128	.15	7	2.89	.01	.09	1	6	
L55N 51+75E	1	39	22	272	.5	57	19	408	4.65	14	5	ND	2	14	1	2	99	.18	.080	5	153	1.22	71	.18	5	2.79	.01	.05	1	5	
L55N 52+00E	2	84	73	233	.5	101	30	1043	6.21	40	5	ND	1	36	1	2	133	.51	.079	4	306	3.05	83	.15	7	3.15	.01	.11	1	4	
STD C/AU-S	19	59	49	128	7.2	68	28	930	3.93	38	19	8	38	49	17	16	29	58	.46	.088	37	60	.86	176	.09	41	1.77	.06	.14	13	47
L55N 52+25E	1	82	18	158	.3	134	35	743	7.23	27	5	ND	2	15	1	2	152	.32	.054	3	438	4.32	34	.21	7	3.34	.01	.13	1	8	
L55N 52+50E	12	97	68	366	1.0	83	33	1533	9.18	59	5	ND	2	26	1	2	192	.32	.079	5	273	3.20	62	.15	11	3.37	.01	.09	1	31	
L55N 52+75E	1	49	22	258	.9	93	28	701	6.87	28	5	ND	2	32	1	2	155	.43	.068	2	314	2.89	56	.23	7	3.10	.01	.13	1	4	
L55N 53+00E	1	21	25	225	.4	45	14	668	4.20	17	5	ND	1	15	1	2	101	.21	.080	3	120	.91	64	.20	2	1.55	.01	.06	1	5	
L55N 53+25E	1	36	15	134	.2	38	13	312	4.37	22	5	ND	3	21	1	2	107	.25	.086	8	77	1.01	69	.14	3	2.17	.01	.06	3	4	
L55N 53+50E	1	12	13	108	.2	20	8	286	2.94	9	5	ND	2	16	1	2	87	.17	.071	6	45	.48	66	.13	9	1.30	.01	.04	2	1	
L55N 53+75E	2	39	17	136	.3	40	13	341	4.60	27	5	ND	3	25	1	2	125	.27	.054	8	81	1.14	75	.13	4	2.27	.01	.07	2	7	
L55N 54+00E	5	32	10	142	.3	21	3	1193	.65	6	5	ND	1	265	2	2	17	4.52	.109	2	17	.19	50	.01	9	.48	.01	.05	1	2	
L55N 54+25E	1	20	19	142	.4	18	8	475	2.70	10	5	ND	1	27	1	2	84	.31	.030	5	44	.36	94	.12	2	1.21	.01	.04	1	1	
L55N 54+50E	1	121	12	116	.5	123	33	868	7.31	38	5	ND	2	19	1	2	167	.39	.068	5	395	3.25	50	.23	7	3.23	.01	.29	1	3	
L55N 54+75E	3	70	19	186	.4	67	20	479	5.74	22	5	ND	3	19	1	2	127	.24	.067	7	100	1.15	110	.19	4	3.25	.01	.09	1	1	
L55N 55+00E	2	50	21	242	.5	59	17	472	5.07	23	5	ND	3	19	1	2	113	.27	.088	8	79	1.02	143	.14	3	3.37	.01	.08	3	5	
L55N 55+25E	1	43	13	168	.4	151	25	794	5.38	9	5	ND	1	11	1	2	116	.21	.074	4	358	2.45	76	.19	2	3.17	.01	.06	1	1	
L55N 55+50E	1	21	17	149	.6	32	16	1112	3.99	14	5	ND	2	12	1	2	89	.15	.081	5	64	.53	119	.16	2	2.33	.02	.05	1	1	
L55N 55+75E	1	71	19	187	.7	55	20	588	5.72	25	5	ND	3	27	1	5	124	.31	.073	8	86	1.10	120	.17	4	3.32	.01	.06	1	14	
L55N 56+00E	1	21	23	153	.5	33	14	558	3.82	13	5	ND	2	16	1	2	90	.23	.054	5	72	.59	104	.14	2	1.85	.01	.05	1	31	
L55N 56+25E	1	61	15	128	.2	127	30	453	7.33	12	5	2	2	14	1	2	143	.29	.065	4	314	3.45	51	.21	12	3.57	.01	.06	1	2	
L55N 56+50E	1	112	17	192	2.3	67	19	1032	4.29	19	5	ND	2	89	2	2	82	1.71	.090	10	144	1.26	140	.09	3	3.05	.01	.05	1	10	
L55N 56+75E	2	60	16	124	.4	80	20	354	5.16	11	5	ND	2	23	1	2	119	.31	.029	5	206	1.89	76	.17	2	2.87	.01	.06	1	1	
L55N 57+00E	1	56	20	107	.3	57	16	409	4.50	17	5	ND	4	34	1	3	114	.41	.043	9	121	1.57	94	.17	9	2.39	.01	.07	2	5	
L55N 57+25E	1	79	13	131	.4	64	20	488	5.64	16	5	ND	2	23	1	3	128	.38	.076	7	185	1.74	137	.17	2	2.82	.01	.07	1	8	
L55N 57+50E	1	65	17	110	.2	50	16	406	4.47	14	5	ND	3	26	1	2	112	.40	.036	7	134	1.44	98	.16	2	2.20	.01	.08	1	7	
L55N 57+75E	2	47	30	203	.5	93	25	766	5.46	10	5	ND	3	23	1	2	119	.38	.060	5	221	1.71	102	.16	2	2.63	.01	.05	1	3	
L55N 58+00E	1	226	17	170	2.2	62	10	1070	2.90	16	5	ND	2	89	2	2	55	1.71	.093	16	61	.50	132	.14	12	3.58	.03	.05	1	7	
L55N 58+25E	1	257	11	155	2.6	70	9	1011	2.77	17	5	ND	5	58	2	2	3	47	.97	.088	20	46	.34	135	.19	2	4.66	.04	.05	1	4
L55N 58+50E	1	92	33	141	1.4	43	18	436	4.28	20	5	ND	3	66	1	2	101	1.25	.049	9	65	.73	99	.12	2	2.64	.01	.04	1	1	
L55N 58+75E	1	44	19	176	.4	44	16	422	3.87	13	5	ND	3	24	1	2	94	.36	.102	8	85	1.04	90	.15	2	2.15	.01	.06	4	5	
L55N 59+00E	1	66	19	205	1.5	47	18	448	4.05	15	5	ND	3	27	1	2	89	.35	.087	8	68	.86	108	.16	2	3.06	.01	.07	2	13	
L55N 59+25E	1	104	26	131	1.0	68	19	380	4.85	19	5	ND	4	43	1	2	110	.54	.046	8	127	1.17	137	.13	2	3.04	.01	.06	1	3	
L55N 59+50E	1	37	19	116	.6	42	14	347	3.83	12	5	ND	3	22	1	2	93	.30	.083	5	114	.94	62	.14	2	1.96	.01	.06	1	260	
L55N 59+75E	1	71	18	114	.1	48	14	292	4.03	16	5	ND	2	34	1	2	105	.44	.047	7	93	1.09	70	.13	2	2.04	.01	.06	1	27	
L55N 60+00E	1	42	19	144	.5	40	15	451	3.94	14	5	ND	3	22	2	2	100	.32	.087	7	81	.94	82	.13	2	2.06	.01	.06	1	6	
L55N 60+25E	3	99	21	697	2.1	144	14	2133	3.34	10	5	ND	4	75	12	2	2	63	1.03	.039	12	74	.58	121	.14	2	2.79	.02	.05	3	3

SAMPLE#	MO	CU	PR	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
L55N 60+50E	1	65	15	127	1.5	30	9	439	3.22	7	5	ND	2	105	4	2	2	71	1.45	.040	9	50	.43	78	.10	3	1.91	.02	.04	1	9
L55N 60+75E	2	70	13	137	.9	56	16	478	4.82	17	5	ND	3	72	1	2	2	97	.83	.036	8	93	1.01	139	.13	4	3.10	.02	.06	1	8
L55N 61+00E	2	50	16	158	1.3	30	13	352	3.56	17	5	ND	2	54	1	2	2	74	.70	.074	7	52	.42	78	.14	3	2.58	.02	.04	1	7
L55N 61+25E	1	91	22	120	1.1	103	28	335	6.34	27	5	ND	2	53	1	2	2	133	.62	.036	6	253	1.90	70	.13	2	3.26	.01	.06	1	159
L55N 61+50E	1	91	76	165	2.7	65	15	410	4.52	12	5	ND	2	102	1	2	2	74	1.38	.056	13	94	.72	110	.13	5	3.48	.02	.05	1	21
L55N 61+75E	1	70	18	134	.9	39	15	480	4.39	13	5	ND	3	86	1	2	2	84	1.06	.045	8	61	.87	92	.14	6	2.91	.02	.07	1	22
L55N 62+00E	1	91	13	99	.6	33	15	373	4.28	20	5	ND	3	45	1	2	2	96	.60	.067	8	57	1.02	93	.13	16	2.20	.02	.06	1	8
L55N 62+25E	1	103	12	96	.5	38	16	563	4.58	20	5	ND	2	61	1	2	2	102	.79	.044	11	70	1.20	91	.13	2	2.09	.02	.07	1	9
L55N 62+50E	3	78	17	116	1.3	34	14	873	3.91	11	5	ND	2	93	1	2	2	80	1.23	.046	10	47	.62	104	.12	3	2.78	.02	.05	1	6
L55N 62+75E	3	76	15	120	.9	35	15	867	3.99	16	5	ND	2	76	1	2	2	83	.97	.054	9	51	.77	103	.12	5	2.34	.02	.08	1	13
L55N 63+00E	2	109	17	141	1.1	43	17	673	4.60	26	5	ND	3	69	1	2	2	90	.88	.056	12	59	.95	111	.13	2	2.39	.02	.09	1	20
L55N 63+25E	2	59	16	89	.4	31	12	389	3.83	18	5	ND	3	33	1	2	2	88	.41	.069	9	61	1.04	100	.11	2	1.86	.01	.07	1	5
L55N 63+50E	1	54	11	135	.6	33	18	371	4.58	13	5	ND	2	36	1	2	2	102	.40	.061	7	58	.94	129	.13	2	2.74	.01	.06	1	3
L55N 63+75E	1	65	20	134	.5	32	15	540	4.35	22	5	ND	2	29	1	2	2	89	.31	.055	9	58	.95	160	.08	2	2.06	.01	.07	1	7
L55N 64+00E	3	35	2	64	.4	7	2	1092	.31	3	5	ND	1	302	1	2	2	11	9.00	.112	2	9	.14	103	.01	10	.24	.01	.02	2	3
L55N 64+25E	2	46	7	97	.3	30	13	368	3.53	11	5	ND	3	37	1	2	2	82	.57	.056	9	48	.95	92	.13	2	1.98	.01	.07	1	2
L55N 64+50E	2	21	10	80	.3	15	7	216	2.21	9	5	ND	1	27	1	2	2	56	.39	.052	7	29	.44	73	.10	6	1.22	.02	.06	1	2
L55N 64+75E	1	33	10	97	.4	19	10	434	3.29	15	5	ND	2	23	1	2	2	78	.33	.072	8	39	.64	111	.12	2	1.61	.01	.07	1	3
L55N 65+00E	4	111	16	233	1.1	48	18	1857	4.92	19	5	ND	2	47	1	2	2	98	.67	.062	13	62	.96	174	.12	2	3.02	.02	.11	1	5
STD C/AU-S	20	57	38	127	7.2	67	27	868	3.92	38	19	8	37	49	19	17	21	58	.48	.087	37	55	.83	173	.08	36	1.76	.06	.13	13	49
L53N 50+25E	4	22	12	147	.6	25	12	611	3.34	9	5	ND	2	33	1	2	2	73	.42	.081	4	70	.47	70	.13	8	1.29	.01	.06	1	6
L53N 50+50E	2	49	13	417	.6	65	21	891	4.19	9	5	ND	1	100	7	2	2	79	1.44	.051	3	160	.88	96	.11	9	1.41	.01	.09	1	4
L53N 50+75E	6	55	30	473	.8	53	22	704	5.52	19	5	ND	2	20	3	2	2	143	.23	.106	5	111	.65	77	.16	3	2.05	.01	.08	2	5
L53N 51+00E	3	277	19	160	2.9	123	21	1560	3.94	8	5	ND	2	127	3	2	2	64	2.19	.082	8	195	1.12	140	.09	3	2.24	.01	.07	1	1
L53N 51+50E	1	50	23	122	.7	113	24	547	4.98	10	5	ND	1	35	1	2	2	99	.55	.055	5	314	2.35	75	.16	5	2.22	.01	.10	1	3
L53N 52+00E	2	29	13	90	.4	58	19	776	4.05	7	5	ND	1	52	1	2	2	85	.67	.063	4	171	.98	80	.11	2	1.41	.01	.05	1	3
L53N 52+25E	1	85	13	111	.8	128	29	595	6.65	31	5	ND	2	28	1	2	2	140	.44	.059	5	409	3.63	41	.17	4	2.78	.01	.17	1	7
L53N 52+50E	1	40	26	120	.6	92	28	878	6.51	11	5	ND	2	15	1	2	2	125	.26	.046	3	316	2.38	65	.20	2	2.38	.01	.07	1	2
L53N 52+75E	1	60	24	160	.4	70	20	609	6.13	22	5	ND	2	16	1	2	2	125	.23	.114	6	181	1.73	71	.16	3	2.98	.01	.08	1	5
L53N 53+00E	1	62	17	167	.6	78	24	1166	5.43	10	5	ND	1	16	1	2	2	114	.28	.123	5	228	2.05	93	.15	2	2.66	.01	.09	1	8
L53N 53+25E	3	143	125	347	1.0	99	26	618	6.41	23	5	ND	2	27	2	2	2	134	.31	.067	6	224	1.97	95	.14	2	3.10	.01	.09	1	11
L53N 53+50E	2	80	36	522	1.2	75	21	737	4.87	16	5	ND	2	32	2	2	2	84	.33	.125	5	111	1.04	112	.17	2	3.59	.01	.07	1	3
L53N 53+75E	1	74	23	242	1.2	70	21	1127	5.14	18	5	ND	2	78	1	2	2	122	.64	.061	6	171	1.72	90	.16	2	2.63	.01	.10	1	5
L53N 54+00E	1	54	17	236	.7	66	26	1572	6.08	34	5	ND	2	30	2	2	2	135	.35	.109	5	157	1.51	100	.12	10	2.30	.01	.06	1	8
L53N 54+25E	2	62	15	176	.9	66	21	643	5.14	23	5	ND	2	29	1	2	2	116	.34	.080	7	155	1.85	73	.17	2	2.50	.01	.11	1	6
L53N 54+50E	5	109	90	307	1.7	104	30	854	8.92	105	5	ND	3	25	3	6	2	173	.29	.145	7	203	1.83	61	.08	16	2.46	.01	.05	1	37
L53N 54+75E	1	91	15	327	1.5	48	16	996	3.37	22	5	ND	1	114	3	3	4	65	2.36	.096	7	60	.78	92	.04	2	1.57	.01	.05	1	8

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	M PPM	AU# PPB
L52N 55+00E	1	69	9	251	1.1	34	7	951	1.57	8	5	ND	2	232	5	2	2	32	3.89	.083	4	43	.45	88	.03	9	.87	.01	.04	1	6
L52N 60+00E	1	65	8	107	2.4	23	5	338	1.61	9	5	ND	2	175	2	2	2	29	3.74	.064	7	41	.33	80	.05	4	1.60	.02	.03	1	5
L52N 60+25E	1	112	15	139	1.7	50	14	1519	3.42	16	5	ND	3	82	4	2	2	63	1.28	.047	14	75	.76	125	.10	4	2.45	.03	.05	1	8
L52N 60+50E	2	145	14	299	1.6	87	15	1612	3.52	66	5	ND	5	77	5	3	2	58	1.04	.070	11	81	.84	114	.11	10	2.44	.03	.07	1	17
L52N 60+75E	3	189	21	103	4.0	48	10	1929	2.36	20	5	ND	4	98	4	2	2	44	1.47	.105	13	69	.40	135	.10	3	2.50	.03	.04	1	47
L52N 61+00E	1	43	18	186	1.0	78	17	1956	3.94	13	5	ND	2	28	1	2	2	82	.40	.069	7	131	1.04	176	.14	5	2.57	.02	.06	1	18
L52N 61+25E	1	26	20	107	.5	46	11	373	4.18	20	5	ND	1	15	1	2	3	100	.18	.056	6	99	.60	74	.09	3	1.49	.01	.04	2	49
L52N 61+50E	3	63	53	185	.6	51	17	807	4.26	29	5	ND	2	39	1	4	3	84	.36	.050	10	58	.43	206	.05	4	1.37	.01	.06	1	44
L52N 61+75E	1	115	36	347	1.7	72	20	2060	4.61	30	5	ND	3	84	5	2	4	67	1.01	.040	13	56	.64	183	.12	5	2.64	.02	.05	1	36
L52N 62+00E	2	129	9	145	1.3	32	6	1268	1.16	10	5	ND	1	283	6	2	2	18	6.09	.138	7	22	.29	133	.02	6	1.13	.02	.03	2	10
L52N 62+25E	2	129	12	105	1.8	52	9	1565	1.88	11	5	ND	2	252	4	2	2	37	4.94	.135	9	115	.52	126	.02	6	1.26	.01	.04	1	18
L52N 62+50E	1	76	20	144	1.3	64	16	803	3.91	17	5	ND	4	100	2	2	2	74	1.26	.047	9	141	1.06	131	.10	5	2.42	.02	.06	1	14
L52N 63+00E	2	103	3	85	1.0	25	4	777	.62	5	5	ND	2	295	2	3	2	12	6.60	.121	5	16	.23	98	.01	9	.64	.02	.03	2	22
L52N 63+25E	1	63	7	97	.5	27	9	549	2.26	11	5	ND	2	150	1	2	2	57	2.48	.061	6	36	.69	86	.05	4	1.36	.02	.04	1	17
L52N 63+50E	1	49	16	119	.7	31	15	536	3.72	18	5	ND	3	58	1	2	2	86	.69	.038	9	48	.78	107	.12	6	2.12	.02	.05	1	69
L52N 63+75E	1	33	9	103	.5	19	10	385	3.72	14	5	ND	3	18	1	2	3	99	.20	.064	7	39	.48	82	.11	2	1.89	.01	.05	2	17
L52N 64+00E	1	36	14	112	.8	22	12	275	4.00	15	5	ND	2	18	1	2	2	90	.18	.058	8	37	.57	101	.09	2	1.92	.01	.04	3	16
L52N 64+25E	1	73	12	163	.6	44	17	556	5.12	21	5	ND	3	30	1	2	3	101	.35	.098	7	60	.84	120	.10	5	2.77	.01	.08	2	20
L52N 64+50E	1	37	20	91	.4	17	8	263	3.72	14	5	ND	1	19	1	2	2	83	.17	.048	7	31	.44	97	.06	2	1.52	.01	.05	1	142
L51N 50+50E	2	124	9	142	1.0	79	22	650	4.28	19	5	ND	1	50	1	2	2	98	.68	.071	8	145	1.47	87	.12	3	1.91	.01	.16	1	23
L51N 50+75E	1	33	13	121	.6	44	20	827	4.64	10	5	ND	2	30	1	2	2	99	.34	.105	5	108	.93	74	.14	3	1.53	.01	.08	1	8
L51N 51+00E	2	26	10	123	.6	31	11	365	3.42	10	5	ND	1	16	1	2	2	89	.17	.058	4	56	.46	44	.14	2	1.31	.01	.05	1	3
L51N 51+25E	2	95	11	126	.4	72	20	528	4.85	25	5	ND	2	29	1	2	2	133	.37	.066	8	151	1.79	63	.14	3	2.05	.01	.11	2	36
L51N 51+50E	1	26	12	173	.9	22	9	258	3.26	16	5	ND	1	27	1	2	2	86	.34	.067	5	44	.40	49	.13	2	1.39	.01	.07	2	7
L51N 51+75E	1	326	19	152	2.3	60	15	712	3.34	20	5	ND	2	110	7	2	2	63	1.23	.075	19	72	.36	87	.11	2	2.70	.02	.06	1	11
L51N 52+00E	1	56	14	202	.5	99	29	840	4.69	17	5	ND	1	58	1	2	2	95	.76	.071	5	312	1.80	102	.15	4	2.03	.01	.09	1	10
L51N 52+25E	1	42	12	104	.5	83	22	349	4.89	13	5	ND	2	44	1	2	2	99	.56	.040	5	252	1.65	50	.15	3	2.30	.01	.05	1	6
L51N 52+50E	1	67	20	139	.5	115	30	752	5.84	21	5	ND	1	29	1	2	2	116	.43	.104	4	292	2.20	65	.13	3	2.44	.01	.11	1	16
L51N 52+75E	1	60	17	122	.5	92	24	641	4.83	16	5	ND	2	31	1	2	2	104	.43	.076	6	235	2.03	65	.14	3	2.40	.01	.11	1	22
L51N 53+00E	1	60	16	173	.9	102	27	404	5.29	16	5	ND	1	18	1	2	2	105	.24	.121	5	259	2.15	77	.15	2	2.99	.01	.09	1	6
L51N 53+25E	1	58	31	155	.6	90	25	640	5.81	15	5	ND	2	20	1	2	2	125	.27	.054	5	231	2.26	51	.16	4	2.40	.01	.07	1	15
L51N 53+50E	1	35	33	148	.8	50	18	574	4.00	10	5	ND	1	23	1	2	2	88	.31	.074	4	112	.92	63	.14	2	2.24	.01	.05	1	20
L51N 53+75E	1	55	10	132	.6	50	15	432	3.85	25	5	ND	1	33	1	2	2	83	.43	.106	8	97	1.02	78	.12	2	2.25	.01	.07	1	15
L51N 54+00E	1	66	25	231	.8	63	23	874	4.79	26	5	ND	1	28	1	2	2	103	.34	.085	7	135	1.40	96	.12	10	2.21	.01	.08	1	16
L51N 54+25E	1	128	19	130	1.6	81	24	987	5.66	36	5	ND	3	56	1	2	2	126	.69	.045	9	187	2.17	90	.15	3	2.35	.01	.09	1	34
L51N 54+50E	1	63	13	228	1.3	65	21	595	4.53	25	5	ND	1	21	1	2	2	99	.27	.075	8	137	1.52	76	.16	2	2.69	.01	.08	1	22
STD C/AU-S	17	61	37	132	7.2	72	29	1050	3.91	39	21	8	40	60	18	18	21	62	.49	.091	42	61	.86	180	.08	37	1.78	.07	.15	13	47

SAMPLE#	MO PPM	CU PPM	PR PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SR PPM	PI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU# PPB
L51N 54+75E	1	33	26	269	1.0	55	22	751	4.30	25	5	ND	3	28	2	4	2	97	.28	.205	5	142	1.08	81	.14	4	2.55	.01	.07	2	4
L51N 55+00E	1	32	23	174	.3	42	18	783	3.64	15	5	ND	1	38	1	2	2	92	.44	.125	4	113	1.00	58	.14	3	1.81	.01	.09	1	2
L51N 55+25E	1	60	31	228	.8	74	24	1094	4.76	35	5	ND	2	21	2	2	2	115	.24	.191	6	178	1.42	86	.13	3	2.52	.01	.06	2	1
L51N 55+50E	1	80	25	151	.7	62	20	599	4.35	31	5	ND	2	63	1	6	2	105	.62	.042	8	113	1.07	68	.10	3	2.22	.01	.05	3	18
L51N 55+75E	1	103	20	101	1.9	51	12	677	2.86	19	5	ND	1	179	3	3	2	62	2.14	.070	9	87	.39	83	.08	3	2.34	.02	.04	1	2
L51N 56+00E	1	80	26	243	1.4	107	25	344	5.95	39	5	ND	4	36	2	7	2	120	.34	.043	8	196	1.14	81	.15	3	3.99	.01	.05	1	19
L51N 56+25E	1	144	21	221	1.8	150	21	860	4.17	19	5	ND	4	61	3	2	2	83	.64	.055	14	217	1.63	93	.18	3	3.93	.02	.07	1	8
L51N 56+50E	3	153	24	314	1.7	136	25	1406	4.69	23	5	ND	1	149	3	2	2	105	2.02	.088	8	273	1.80	100	.10	4	2.31	.01	.08	1	34
L51N 56+75E	2	104	31	274	1.0	107	30	1035	6.05	27	5	ND	2	70	1	2	2	136	1.00	.048	10	263	2.06	86	.13	2	2.48	.01	.08	1	105
L51N 57+00E	2	129	37	351	1.4	96	24	897	5.61	30	5	ND	4	58	6	3	2	127	.41	.037	14	190	1.22	140	.17	2	3.38	.01	.05	3	6
L51N 57+25E	2	205	34	970	2.0	123	19	1724	3.76	16	5	ND	2	152	15	5	2	78	1.75	.100	10	152	1.03	126	.08	4	2.57	.02	.06	3	5
L51N 57+50E	1	49	25	311	.8	71	22	388	4.98	17	5	ND	3	35	1	2	2	112	.41	.065	7	160	1.35	125	.16	4	3.51	.01	.06	1	3
L51N 58+00E	2	130	23	178	.9	60	18	1698	4.01	19	5	ND	3	62	1	3	2	94	.97	.058	12	114	1.06	154	.15	10	3.55	.02	.06	1	1
L51N 58+25E	2	81	22	136	1.2	38	11	254	3.86	12	5	ND	2	74	1	5	2	99	.94	.045	9	90	.75	104	.12	2	2.22	.01	.04	1	1
L51N 58+50E	2	52	22	133	.2	44	16	424	4.82	19	5	ND	2	23	1	5	2	113	.24	.115	7	113	.96	124	.12	2	2.34	.01	.05	1	7
L51N 58+75E	2	83	23	160	.6	76	19	437	5.04	20	5	ND	4	22	1	2	2	123	.25	.083	8	185	1.79	86	.15	2	2.84	.01	.06	3	21
L51N 59+00E	1	149	22	88	2.7	33	11	469	3.47	15	5	ND	1	90	1	2	2	75	1.55	.066	14	96	.48	140	.11	2	3.23	.02	.03	1	6
L51N 59+25E	1	290	30	127	2.7	60	19	1407	4.09	29	5	ND	2	124	3	4	2	70	2.08	.105	15	96	.74	172	.09	2	3.23	.01	.05	1	15
L51N 59+50E	2	62	10	57	.8	17	4	364	.89	9	5	ND	1	230	3	4	2	19	5.94	.119	6	18	.21	105	.03	4	1.04	.01	.03	1	38
L51N 60+75E	3	110	27	152	1.5	58	17	262	5.07	27	5	ND	3	54	2	4	2	117	.70	.036	11	140	.89	107	.12	4	3.26	.01	.04	1	3
L51N 61+00E	2	44	24	179	.8	67	20	253	5.35	29	5	ND	4	19	1	2	2	132	.24	.026	7	181	1.33	103	.12	2	2.59	.01	.05	2	22
L51N 61+25E	1	52	18	88	1.0	31	6	326	1.72	6	5	ND	1	147	1	2	2	38	3.29	.079	6	53	.38	123	.06	2	1.54	.01	.03	1	4
L51N 61+50E	1	43	22	169	.8	79	24	273	5.51	15	5	ND	2	34	1	2	2	127	.49	.035	9	195	1.75	138	.16	2	4.11	.01	.05	1	17
L51N 61+75E	2	29	36	191	.8	35	11	192	4.04	20	5	ND	3	15	1	4	3	84	.17	.084	6	56	.48	120	.11	2	2.30	.01	.04	2	11
L51N 62+00E	1	60	36	139	1.2	57	19	334	5.14	26	5	ND	5	35	2	8	2	91	.44	.038	13	86	.59	133	.14	2	4.39	.02	.04	1	10
L51N 62+25E	2	158	24	118	2.4	41	10	1183	2.00	9	5	ND	1	163	5	2	2	42	2.86	.112	10	38	.44	184	.05	2	1.91	.02	.04	1	3
L51N 62+50E	2	86	30	283	1.2	43	17	651	4.42	19	5	ND	2	81	2	3	2	90	1.03	.050	10	75	.78	162	.13	2	2.63	.01	.05	4	5
L51N 62+75E	3	231	29	200	4.4	70	14	1912	3.30	20	5	ND	3	124	6	2	3	60	1.77	.124	17	54	.57	192	.08	2	3.33	.02	.05	1	16
L51N 63+00E	2	97	41	184	1.5	80	21	424	4.93	37	5	ND	5	76	1	7	2	84	.90	.045	11	84	.71	154	.11	2	3.95	.01	.06	1	19
L51N 63+25E	2	98	38	155	1.7	51	18	250	5.07	34	5	ND	5	48	2	2	2	106	.57	.035	12	78	.77	99	.14	2	3.64	.02	.05	2	16
L51N 63+50E	2	142	17	86	1.4	33	12	569	3.19	16	5	ND	4	69	2	4	2	72	.90	.038	14	43	.45	98	.14	2	2.81	.02	.04	1	5
L51N 63+75E	1	88	25	138	.8	44	18	443	4.49	21	5	ND	4	57	1	3	2	95	.65	.050	11	64	.83	147	.15	2	3.46	.02	.05	1	13
L51N 64+00E	2	87	26	172	1.5	42	18	619	4.48	18	5	ND	4	66	2	2	2	91	.82	.062	11	63	.85	148	.15	2	3.00	.02	.06	1	54
L51N 64+25E	1	80	24	141	.8	45	19	292	5.02	24	5	ND	5	42	1	4	2	109	.45	.030	9	80	1.00	127	.15	2	3.22	.01	.06	1	20
L51N 64+50E	2	185	19	123	2.7	44	15	1542	3.54	12	5	ND	2	108	2	2	2	67	1.55	.106	13	52	.65	151	.08	2	2.91	.02	.06	1	8
L50N 50+00E	6	98	13	125	1.2	28	9	1311	1.30	11	5	ND	1	143	5	2	2	31	4.12	.150	4	48	.35	98	.02	5	1.05	.02	.05	1	4
STD C/AU-6	19	57	41	130	7.0	67	27	882	3.86	35	17	7	37	49	17	15	22	57	.40	.084	36	63	.82	172	.08	31	1.77	.06	.13	13	53

SAMPLE#	MD PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TM PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU# PPB
L50N 50+25E	3	113	19	137	.6	75	25	586	5.59	38	5	ND	5	44	1	3	2	118	.62	.066	12	169	1.78	91	.18	2	2.41	.03	.11	3	128
L50N 50+50E	2	35	19	139	1.2	42	15	309	4.72	20	5	ND	3	24	1	2	2	113	.30	.055	6	136	.96	96	.19	2	1.96	.02	.06	2	16
L50N 50+75E	1	45	23	164	.5	52	17	380	5.44	19	5	ND	2	23	2	2	2	116	.29	.119	5	177	1.28	98	.19	2	1.83	.02	.07	2	13
L50N 51+00E	3	62	17	175	1.6	53	17	253	4.77	22	5	ND	4	37	2	3	2	107	.48	.042	8	125	1.02	88	.19	2	2.81	.02	.08	3	6
L50N 51+25E	3	27	20	153	.1	35	11	163	4.62	20	5	ND	1	20	1	2	4	122	.25	.036	4	187	.75	46	.21	2	1.30	.02	.07	1	4
L50N 51+50E	1	64	22	217	.6	79	25	548	5.44	22	5	ND	2	31	1	2	2	123	.43	.047	5	259	1.81	85	.21	7	2.41	.02	.09	1	18
L50N 51+75E	1	28	25	213	.4	48	17	268	5.05	16	5	ND	2	40	1	2	2	111	.64	.064	4	202	1.07	62	.20	2	1.69	.02	.07	1	4
L50N 52+00E	1	83	24	150	.7	116	32	490	6.40	20	5	ND	2	25	1	2	2	140	.47	.062	4	368	2.96	76	.19	12	2.83	.02	.15	1	15
L50N 52+25E	1	83	18	130	.9	118	29	506	5.99	14	5	ND	3	17	1	2	2	115	.30	.102	5	377	2.66	96	.20	2	3.05	.02	.16	2	12
L50N 52+50E	1	75	12	85	.4	82	25	463	4.84	7	5	ND	1	13	1	2	2	100	.31	.076	3	294	2.60	51	.09	2	1.98	.01	.14	1	3
L50N 52+75E	1	67	20	104	.4	79	25	799	4.90	15	5	ND	2	22	1	2	2	103	.44	.089	5	275	2.01	82	.17	2	2.05	.01	.12	1	10
L50N 53+00E	3	106	29	108	.6	97	29	509	6.95	22	5	ND	2	20	1	2	2	135	.38	.045	5	331	2.61	89	.20	2	2.62	.01	.12	1	20
L50N 53+25E	2	83	25	155	1.0	85	25	2296	4.93	13	5	ND	3	49	1	2	3	99	.91	.058	6	248	1.80	143	.15	3	2.47	.02	.09	1	1
L50N 53+50E	1	38	15	225	.7	56	24	1139	4.66	12	5	ND	3	25	1	2	2	91	.46	.111	4	206	1.48	96	.17	2	2.08	.02	.09	1	4
L50N 53+75E	1	139	23	247	1.5	51	16	1699	3.54	12	5	ND	3	56	3	3	3	74	.98	.070	9	91	.71	135	.14	6	2.30	.02	.06	1	2
L50N 54+00E	1	80	21	155	.7	95	31	889	6.10	28	5	ND	3	26	1	2	2	125	.55	.095	5	319	2.76	66	.20	2	2.52	.01	.26	1	26
L50N 54+25E	3	331	21	811	3.1	311	17	3188	3.30	47	5	ND	3	142	20	2	2	64	2.28	.080	13	119	1.05	126	.08	4	1.97	.02	.08	3	12
L50N 54+50E	1	48	28	253	.4	88	27	1156	5.56	34	5	ND	2	23	3	2	2	131	.30	.085	4	236	2.36	126	.20	2	2.60	.01	.12	1	7
L50N 54+75E	3	94	26	156	1.0	122	26	707	5.84	23	5	ND	3	29	2	2	2	139	.45	.080	6	304	2.92	61	.19	8	2.73	.02	.21	1	8
L50N 55+00E	14	190	294	296	2.0	156	53	1545	15.09	36	5	ND	4	30	4	2	2	209	.47	.171	10	552	3.64	59	.15	3	2.95	.01	.13	2	61
L50N 55+25E	4	119	85	155	1.9	290	39	1287	7.24	52	5	ND	3	239	2	3	2	152	5.70	.088	5	492	2.26	163	.15	3	1.42	.01	.24	1	23
L50N 55+50E	9	167	183	211	.9	133	30	1044	7.48	55	5	ND	5	70	4	3	2	131	.83	.106	11	267	2.37	97	.14	8	1.89	.02	.16	1	44
L50N 55+75E	5	126	60	164	1.1	169	32	869	6.37	39	5	ND	4	58	2	2	2	131	.97	.081	9	314	2.41	100	.16	2	2.07	.02	.18	1	131
L50N 56+00E	1	25	21	93	.3	69	13	211	3.95	14	5	ND	2	17	1	2	2	106	.22	.037	5	180	1.10	41	.17	2	1.50	.02	.04	2	1
L50N 56+25E	2	20	20	226	.5	50	13	185	4.10	30	5	ND	3	53	2	5	3	91	.70	.029	4	117	.68	64	.14	3	1.82	.01	.05	1	7
L50N 56+50E	2	180	27	422	1.3	145	20	1175	5.07	65	5	ND	3	119	8	2	3	104	1.68	.075	8	185	1.67	98	.10	5	2.12	.02	.08	1	15
L50N 56+75E	3	85	29	240	1.5	96	21	1020	5.17	25	5	ND	2	85	3	2	2	121	1.26	.058	8	212	1.95	108	.12	8	2.32	.02	.08	1	14
L50N 57+00E	2	95	19	257	2.4	64	12	1325	3.36	13	5	ND	3	49	3	2	4	75	.73	.082	10	87	.82	111	.16	2	3.21	.03	.06	1	13
L50N 57+25E	2	89	25	216	1.3	62	16	748	4.23	20	5	ND	3	62	3	3	4	91	.95	.056	10	123	1.24	95	.09	2	2.32	.02	.06	1	5
L50N 57+50E	2	98	23	219	.8	77	19	662	4.42	20	5	ND	2	50	2	5	2	97	.82	.062	8	156	1.53	58	.09	7	1.99	.02	.07	1	13
L50N 57+75E	3	74	19	167	1.4	53	12	358	3.70	16	5	ND	1	107	1	2	2	82	1.67	.038	7	116	1.00	75	.09	2	1.79	.01	.04	1	9
L50N 58+00E	4	51	6	55	.4	15	6	1100	1.54	9	6	ND	1	255	2	5	3	26	5.96	.093	2	12	.19	144	.01	7	.25	.01	.02	1	1
L50N 58+50E	2	41	14	76	1.1	22	6	127	3.91	7	5	ND	3	25	1	2	3	104	.27	.029	6	62	.53	80	.15	7	1.42	.02	.04	2	57
L50N 58+75E	1	27	15	91	.3	30	8	167	3.72	10	5	ND	3	19	1	2	5	90	.24	.071	7	79	.80	65	.16	2	1.76	.01	.04	2	15
L50N 59+00E	1	14	16	61	.4	12	5	112	2.24	8	5	ND	2	12	1	2	3	67	.14	.037	6	46	.28	52	.13	9	.96	.02	.04	2	8
L50N 59+25E	1	13	13	45	.6	8	3	71	1.62	5	5	ND	2	11	1	2	2	57	.13	.023	4	39	.20	62	.13	2	.70	.02	.03	2	7
STD C/AU-S	17	60	42	131	7.1	68	28	909	3.94	37	19	7	37	50	17	16	23	58	.48	.087	37	60	.88	180	.08	30	1.81	.06	.14	11	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU# PPB
L50N 59+50E	5	148	22	121	.9	48	19	3766	4.42	28	5	ND	1	89	2	5	2	83	1.56	.127	10	83	.78	186	.06	2	2.62	.02	.04	1	22
L50N 59+75E	1	112	18	177	3.4	30	9	715	2.38	8	5	ND	2	112	5	2	2	47	2.22	.061	9	49	.36	121	.09	3	2.10	.02	.04	1	6
L50N 60+00E	1	26	20	139	.5	19	8	192	2.62	7	5	ND	1	32	1	2	2	60	.49	.027	7	34	.33	103	.17	2	1.81	.02	.04	1	1
L50N 60+50E	1	16	17	61	.1	6	4	70	2.16	5	5	ND	1	17	1	2	2	62	.21	.021	4	14	.08	44	.12	2	.84	.02	.02	2	12
L50N 60+75E	1	104	20	90	1.6	24	8	398	2.86	21	5	ND	1	71	1	2	2	53	1.31	.045	11	45	.34	81	.11	4	2.01	.02	.04	1	19
L50N 61+00E	2	125	16	63	1.4	33	7	1547	1.78	16	5	ND	1	157	1	2	2	30	3.82	.152	8	33	.35	103	.03	2	1.47	.02	.03	1	4
L50N 61+25E	2	84	5	59	.9	25	2	822	.31	3	6	ND	1	211	3	6	4	6	5.74	.085	3	14	.17	100	.01	8	.32	.01	.02	2	5
L50N 61+50E	5	95	25	228	.9	75	21	3370	4.57	27	5	ND	2	97	4	4	2	87	1.83	.094	9	126	1.28	191	.06	2	2.23	.02	.06	1	6
L50N 61+75E	5	79	23	149	1.0	55	18	2756	3.72	22	5	ND	1	123	3	2	2	73	1.95	.103	7	95	.87	165	.04	2	1.80	.01	.05	1	10
L50N 62+00E	2	66	15	127	.3	41	17	552	4.56	19	5	ND	3	37	1	4	2	106	.43	.065	10	72	1.29	125	.13	10	2.37	.02	.09	4	7
L50N 62+25E	1	54	19	115	.5	31	14	508	4.12	17	5	ND	3	24	1	3	2	97	.27	.069	7	59	.81	124	.11	2	1.74	.02	.06	2	7
L50N 62+50E	2	101	26	156	.7	45	17	503	5.47	27	5	ND	3	40	1	3	2	111	.43	.072	9	78	1.29	161	.10	16	2.60	.02	.10	1	36
L50N 62+75E	3	107	26	256	1.3	31	11	922	3.05	14	5	ND	2	103	4	2	2	59	1.78	.096	8	43	.44	124	.09	2	2.04	.02	.05	1	6
L50N 63+00E	3	174	22	179	2.3	42	12	1594	3.57	19	5	ND	2	102	3	2	2	59	2.04	.157	15	42	.53	147	.04	2	2.38	.02	.08	1	32
L50N 63+25E	2	67	22	143	1.1	37	12	450	4.75	26	5	ND	1	35	1	4	2	100	.39	.046	8	63	.84	126	.09	2	2.01	.01	.09	1	3
L50N 63+50E	1	59	20	141	.4	39	15	438	3.85	17	5	ND	1	35	1	2	2	89	.57	.046	8	59	.87	124	.08	2	2.07	.01	.08	1	5
L50N 63+75E	2	82	19	124	.5	29	13	308	5.08	22	5	ND	3	23	1	4	2	108	.29	.057	9	54	.90	108	.10	2	2.03	.01	.11	1	14
L50N 64+00E	1	66	16	164	.7	43	18	458	4.92	18	5	ND	5	31	1	2	2	102	.40	.073	9	63	1.00	148	.13	2	2.89	.02	.08	2	10
L50N 64+25E	2	28	17	93	.4	35	11	244	4.22	13	5	ND	2	14	1	2	2	105	.17	.079	7	111	.86	67	.16	13	1.58	.02	.06	1	6
L50N 64+50E	1	46	16	115	.6	83	20	508	4.34	5	5	ND	1	22	1	2	2	95	.42	.049	5	193	1.17	73	.20	2	2.19	.02	.05	1	1
L50N 64+75E	3	76	17	132	.4	110	19	444	5.56	13	5	ND	3	27	1	3	2	115	.50	.060	7	228	1.99	96	.18	2	2.05	.01	.10	1	3
STD C/AU-S	17	61	41	132	7.1	70	28	928	3.93	37	17	7	37	51	17	18	21	60	.48	.092	37	60	.87	178	.08	30	1.79	.06	.14	12	52

APPENDIX II

ANALYTICAL METHODS



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone: 253-3158

Shipping of Samples

All shipments from outside Canada should be marked "GEOCHEMICAL SAMPLES FOR ANALYSIS - NO COMMERCIAL VALUE".

Free Custom Clearance on invoices of \$150.00 or more.

By Air Freight:

Acme Analytical
c/o Cole McCubbin
Vancouver, B.C.

By Surface - UPS

Acme Analytical
c/o Pac-Ex
140 - 14th Street, Blaine, Wa.

Discounts by Contract.

Turnaround time is generally around three days, and can be 24 hours by special contract.

Free pick up from downtown Vancouver and Bus Depot.

Field Services

Portable crushers and core splitters are available at reasonable rental rates.
Cut your shipping cost on large drilling programs.

All prices subject to change without notice.

Special Service

Modem data transfer: 5 cents/sample - minimum \$10.00

Statistical Analysis :

- SD
- Mean
- Median
- Frequency Plot
- Grid Coordinate Contour Plot

Data disks - \$6.00

Apple II - Require Acme's read programs

IBM-PC - ASCII or Lotus 1,2,3.



**ACME ANALYTICAL
LABORATORIES LTD.**

Assaying & Trace Metal Analysis

**ASSAYING
and
GEOCHEMICAL
ANALYSES**

24 hr. per day operation

Effective: March 1, 1987

ACME ANALYTICAL LABORATORIES LTD.
852 EAST HASTINGS STREET
VANCOUVER, B.C., CANADA
V6A 1R6

TELEPHONE: (604) 253-3158
COMPUTER DATA LINE: (604) 251-1011

Dean Toye, BSc, Certified BC Assayer, President
Bowling Tsang, BSc, Lab Manager
Raymond Sam, BSc, Assistant Manager

**ACME ANALYTICAL LABORATORIES LTD.**

Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone: 253-3158

1987

Acme Analytical continues to update with mass spectrographic analysis which is now operational. In general, mass spec offers detection limits which are at least 100 fold lower than ICP or flame AA. These detection limits are comparable to graphite furnace AA, but the mass spec can analyze up to 60 elements simultaneously.

Acme has pioneered low cost multi-element ICP analysis which has better detection and precision than AA. Mass spec will further expand the range of elements and isotopes available to mineral exploration programs.

SPACE

Total laboratory, sample preparation and sample storage has been expanded to 12,000 square feet.

EQUIPMENT

1. Our ICP system has been expanded, and a fifth unit has been purchased which will allow us to determine up to 45 elements simultaneously.
2. AA spectrophotometers have been increased to 8.
3. Sample preparation, weighing and dissolution facilities have been increased.
4. A LECO Induction Furnace has been installed for determining Carbon and Sulfur simultaneously in geological and metallurgical samples.
5. An UA3 Laser Fluorometer from Scintrex is now used for determination of U in water to .01 ppb.
6. Two ICP mass spectrographs.

TECHNOLOGY

1. Fire Assay for Ag, Au, Pt, Pd, Rh, Ru & Ir; the precious metal bead can be analysed by gravimetric, AA, ICP or Mass spec.
2. ICP multi element packages for water, geochem and assay programs have been developed.
3. Lower detection limits for some elements have been achieved by graphite furnace AA.

TECHNICAL ACHIEVEMENTS

1. Background corrected Atomic Absorption analysis of Ag and Au since 1971.
2. Best proven precision, accuracy and price for MoS₂ assays in North America.
3. Pioneered geochemical analysis by ICP at or to better detection limits than AA, including Ag, As, U, Th and W.
4. First to offer Mass spectrographic scan analysis.

PROVEN PERFORMANCE

Our logistical and technical performance for our clients has been demonstrated on the Gambler, Capoose Lake, Trout Lake, Blackdome, Red Mountain, Carlin, Cirque, Minago River, Quesnel River, Terra Swede, Musto and other major projects. We are capable of handling up to 2500 samples per day.

**ACME ANALYTICAL LABORATORIES LTD.**

Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone: 253-3158

Suggestions for Effective use of Analytical Services**1. General Sampling**

- A. Rocks** - In general 1/2 to 2 lb of sample is required. Large boulders should be broken down to chip size with a 20 lb sledge hammer. A representative sample is then taken from these chips. The lab will crush, split and pulverize.
- B. Cores** - Drill cores should be split into halves for assaying.
- C. Soils** - The organic "A" horizon gives good base metal responses. Supply about one cup of material in a soil or paper envelope. The soil is treated in one of three methods after drying :-
 - 1) -80 mesh sieving (standard)
 - 2) -80 mesh sieving + pulverizing.
 - 3) pulverizing the whole sample.

Samplers must not wear any jewelry.

2. Shipping

- A. Local and Within Canada** - use Greyhound or Pacific Stage Lines. For large drill programs use a truck line.
- B. U.S. Customers** - for surface transport use UPS and address to :-
Acme Analytical Laboratories Ltd.,
c/o Pac Ex Services,
140 - 14th St.,
Blaine, Wash. 98230

Air freight shipments are addressed to :-

Acme Analytical Laboratories Ltd.,
c/o Cole McCubbin
Vancouver, B.C.

Shipments from the U.S. should be labelled "Geological Samples for Analysis - No Commercial Value".

3. Suggested Geochemical Analysis

- A. Rocks with No Visible Mineralization** - 30 element ICP + geochemical Au.
- B. Rocks with High Sulphides** - 16 element ICP Assay.
- C. Cores** - assays for elements of mineralization and possible 30 element ICP.
- D. Soils** - 30 element ICP + geochemical Au.

4. Samples with Possible Native Gold

For rocks and cores with nugget or native gold, request that the total sample be pulverized and sieved on a 100 mesh screen. Two fire assays are then required for each sample; one on the entire +100 mesh fraction for any possible native gold and one on the -100 mesh. (I.A.T.)

Pan or sluice concentrates are best treated by cyclone concentration and fire assay for total Au.

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GEOCHEMICAL LABORATORY METHODOLOGY & PRICES - 1987

Sample Preparation

S80	Soils or silts up to 2 lbs drying at 60 deg.C and sieving 30 gms -80 mesh (other size on request)	\$.75
SJ	Saving part or all reject	.35
S20R	Soils or silts - drying at 60 deg.C and sieving -20 mesh & pulverizing (other mesh size on request.)	2.00
SP	Soils or silts - drying at 60 deg.C pulverizing (approx. 100 gms)	1.50
RP100	Rocks or cores - crushing to -3/16" up to 10 lbs, then pulverizing 1/2 lb to -100 mesh (98%)	3.00
	Over 10 lbs	.25/lb
RPS100	Same as RP100 except sieving to -100 mesh and saving +100 mesh	3.75
RPS100 1/2	Same as above except pulverizing 1/2 the reject	2.50/lb
RPS100 A	Same as above except pulverizing all the reject	2.50/lb
COP	Compositing pulps - each pulp Mixing & pulverizing	.50 1.50
V1	Drying vegetation and pulverizing 50 gms to -80 mesh	3.00
V2	Ashing up to 1 lb wet vegetation at 475 deg.C	2.00
H1	Special Handling	16.00/hr

Sample Storage

Rejects - Approx. 2 lbs of rock or total core are stored for three months and discarded unless claimed.

Pulps are retained for one year and discarded unless claimed.

Supplies

Soil Envelopes	4" x 6"	\$110.00/thousand
Soil Envelopes	4" x 6" with gusset	\$130.00/thousand
Plastic Bags	7" x 13" 6 ml	\$ 10.00/hundred
Plastic Bags	12" x 20" 6 ml	\$ 20.00/hundred
Ties		\$ 4.00/hundred
Assay Tags	N/C	
10% HCl		\$ 5.00/liter
Dropping bottles		\$ 1.00/each
In test	A & B	\$ 10.00/each liter

Conversion Factors

1 Troy oz	= 31.10 g
1 oz/ton	= 34.3 ppm = 34.3 g/tonne = 34,300 ppb
1 %	= 10,000 ppm

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GEOCHEMICAL ANALYSES - Rocks and Soils

Group 1 Digestion

.50 gram sample is digested with 3 mls 3-1-2 HCl-HNO3-H2O at 95 deg.C for one hour and is diluted to 10 ml with water. This leach is near total for base metals, partial for rock forming elements and very slight for refractory elements. Solubility limits Ag, Pb, Sb, Bi, W for high grade samples.

Group 1A - Analysis by Atomic Absorption.

Element	Detection	Element	Detection	Element	Detection
Antimony*	2 ppm	Copper	1 ppm	Polybdenum	1 ppm
Bismuth*	2 ppm	Iron	0.01 %	Nickel	1 ppm
Cadmium*	0.1 ppm	Lead	2 ppm	Silver	0.1 ppm
Chromium	1 ppm	Lithium	2 ppm	Vanadium	2 ppm
Cobalt	1 ppm	Manganese	5 ppm	Zinc	2 ppm

First Element \$2.25 Subsequent Element \$1.00

Group 1B - Hydride generation of volatile elements and analysis by ICP. This technique is unsuitable for sample grading over 1% Ni or Cu.

Element	Detection	Element	Detection
Arsenic	0.1 ppm	First Element	\$4.00
Antimony	0.1 ppm	All Elements	\$5.00
Bismuth	0.1 ppm		
Germanium	0.2 ppm		
Selenium	0.2 ppm		
Tellurium	0.3 ppm		

Group 1C - Hg Detection limit - 5 ppb Price \$2.25

Hg in the solutions are determined by cold vapour AA using a F & J scientific Hg assembly. The aliquots of the extract are added to a stannous chloride/hydrochloric acid solution. The reduced Hg is swept out of the solution and passed into the Hg cell where it is measured by AA.

Group 1D - ICP Analysis, same digestion

Element	Detection
Ag	0.1 ppm
Cd, Co, Cr, Cu, Mn, Mo, Ni, Sr, Zn	1 ppm
As, Au, B, Ba, Bi, La, Pb, Sb, Th, V, W	2 ppm
U	5 ppm
Al, Ca, Fe, K, Mg, Na, P, Ti	0.01 %

Any 2 elements	\$3.25
5 elements	4.25
10 elements	5.25
All 30 elements	6.00

Group 1E - Analysis by ICP/MS

Element	Detection
Ga	1 ppm
Rh, In, Re, Os, Ir, Tl, Th, U	0.1 ppm

First Element	\$ 4.00	
Additional Element	2.00	(Minimum 20 samples per batch)
All Elements	15.00	

Hydro Geochemical Analysis

Natural water for mineral exploration

26 element ICP - Mo, Cu, Pb, Zn, Ag, Co, Ni, Mn, Fe, As, Sr, Cd, V, Ca, P, Li, Cr, Mg, Ti, B, Al, Na, K, Ce, Be, Si \$8.00

F by Specific Ion Electrode	- detection	20 ppb	\$3.50
U by UAJ	- detection	.01 ppb	4.50
pH		1 pH	1.50

* Minimum 20 samples or \$5.00 surcharge for ICP or AA and \$15.00 surcharge for ICP/MS. All prices are in Canadian Dollars

ACME ANALYTICAL LABORATORIES LTD.

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Group 2 - Geochemistry by Specific Extraction and Instrumental Techniques

Element	Method	Detection	Price
Barium	0.100 gram samples are fused with .6 gm LiBO2 dissolved in 50 mls 5% HNO3 and analysed by ICP. (other whole rock elements are also determined)	10 ppm	\$3.50
Carbon	LECO (total as C or CO2)	.01 %	5.25
Carbon+Sulfur	Both by LECO	.01 %	6.25
Carbon (Graphite)	HCl leach before LECO	.01 %	7.25
Chromium	0.50 gram samples are fused with 3 gm Na2O2 dissolved in 50 ml 20% HCl, analysed ICP.	5 ppm	3.75
Fluorine	0.25 gram samples are fused with NaOH; leached solution is adjusted for pH and analysed by specific ion electrode.	10 ppm	4.25
Sulphur	LECO (Total as S)	.01 %	5.25
Sulphur insoluble	LECO (After 5% HCl leach)	.01 %	7.25
Tin	1.00 gram samples are fused with NH4I. The sublimed iodine is leached with 5 ml 10% HCl, and analysed by Atomic Absorption.	1 ppm	3.25
Tungsten	.50 gram samples are fused with Na2O2 dissolved in 20 ml H2O, analysed by ICP.	1 ppm	3.25

Group 3 - Geochemical Noble Metals

Element	Method	Detection	Price
Au*	10.0 gram samples are ignited at 600 deg.C, digested with hot aqua regia, extracted by MIBK, analysed by graphite furnace AA.	1 ppb	\$ 4.25
Au**	10.0 gram samples are fused with a Ag Inquart with fire assay fluxes. After cupulation, the dore bead is dissolved and analysed by AA or ICP/MS.	1 ppb	5.75 -first element
Pd,Pt,Rh		2 ppb	2.50 -per additional 10.00 -for All
Larger samples - 20 gms add \$1.00 30 gms add \$2.00			

Group 4A - Geochemical Whole Rock Assay

0.100 gram samples are fused with LiBO2 and are dissolved in 50 mls 5% HNO3.
SiO2, Al2O3, Fe2O3, CaO, MgO, Na2O, K2O, MnO, TiO2, P2O5, Cr2O5, LOI + Ba by ICP.
Price: \$3.75 first metal \$1.00 each additional \$9.00 for All.

Group 4B - Trace elements

Element	Detection	Analysis	Price
Co,Cu,Ni,Zn,Sr	10 ppm	ICP	\$3.75 first element or
Ce,Nb,Ta,I,Zr	20 ppm	ICP	\$1.00 additional to 4A \$6.00 for All.
Cs,Rb	10 ppm	AA	\$1.50 each.

Group 4C - analysis by ICP/MS.

Be, Rb, Y, Ir, Nb, Sn, Cs, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Hf, Ta, W, Th, U

Detection: 1 to 5 ppm Price: \$7.00 for first element
\$20.00 for All.

* Minimum 20 samples or \$5.00 surcharge for ICP or AA and \$15.00 surcharge for ICP/MS.
All prices are in Canadian Dollars

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone: 253-3158

Regular Assay

Aluminum (Al)	\$ 7.50	Moisture (H2O)	\$ 5.00
Antimony (Sb)	7.50	Molybdenum (Mo)	6.75
Arsenic (As)	7.50	Molybdenum Sulfide (MoS2)	7.50
Barium (Ba)	7.50	Niobium (Nb)	10.00
Bismuth (Bi)	7.50	Nickel (Ni)	6.75
Boron (B)	7.50	Nickel (Non-sulfide)	7.50
Cadmium (Cd)	6.75	Palladium (Pd)	12.50
Calcium (Ca)	7.50	Phosphorus (P)	7.50
Carbon (Total) (C)	7.50	Platinum (Pt)	12.50
Carbon (Graphitic)*	9.50	Potassium (K)	7.50
Carbon plus Sulfur (Total)*	11.00	Rhodium (Rh)	12.50
Cerium (Ce)	10.00	Rubidium (Rb)	7.50
Chromium (Cr)	7.50	Selenium (Se)	10.00
Cesium (Cs)	10.00	Silica (SiO2)	7.50
Cobalt (Co)	6.75	Silver (Ag)	6.75
Copper (Cu)	6.75	Silver (Fire Assay)	9.00
Copper (non-sulfide)*	8.00	Sodium (Na)	7.50
Europium (Eu)	10.00	Specific Gravity* (SG)	6.00
Fluorine (F)	7.50	Strontium (Sr)	7.50
Gallium (Ga)	7.50	Sulfur (Total)* (S)	7.50
Germanium (Ge)	7.50	Sulfur (Sulfate) (S)	8.50
Gold (Au)	6.75	Tantalum (Ta)	7.50
Gold (Fire Assay)	8.25	Tellurium (Te)	10.00
Gold plus Silver (Fire Assay)	11.25	Thallium (Tl)	10.00
Indium (In)	8.50	Thorium* (Th)	7.50
Iron (Total) (Fe)	7.50	Tin (Sn)	8.00
Iron (Ferrous)*	9.00	Titanium (Ti)	7.50
Lanthanum (La)	7.50	Tungsten (W)	7.50
Lithium (Li)	7.50	Uranium (U)	7.50
Lead (Pb)	6.75	Vanadium (V)	7.50
Loss on Ignition (LOI)	2.00	Yttrium (Y)	10.00
Magnesium (Mg)	7.50	Zinc (Zn)	6.75
Manganese (Mn)	7.50	Zirconium* (Zr)	10.00
Mercury* (Hg)	7.50	Pb Isotope Ratio	20.00

* Minimum 5 samples per batch

Other elements by Mass Spec. on request.

Multi-Element Assay Price

Arsenic, Antimony, Bismuth, Cadmium, Cobalt, Copper, Gold, Iron, Lead, Manganese, Molybdenum, Nickel, Silver, Thorium, Uranium, Zinc.

Price: First element \$6.75 Each Additional \$3.00 All 16 elements \$20.00

Whole Rock Assay Prices

SiO2, Al2O3, Fe2O3, CaO, MgO, Na2O, K2O, MnO, TiO2, P2O5, Cr2O3, LOI.

Price: First oxide \$7.50 Each Additional \$3.50 All 12 \$20.00

Volume Discounts Available.

Special Fire Assay Prices

Gold, Silver, Platinum, Palladium, Rhodium \$20.00
Placer conc. for total precious metal \$15.00

APPENDIX III

ELEMENT PLOTS

683000

684000

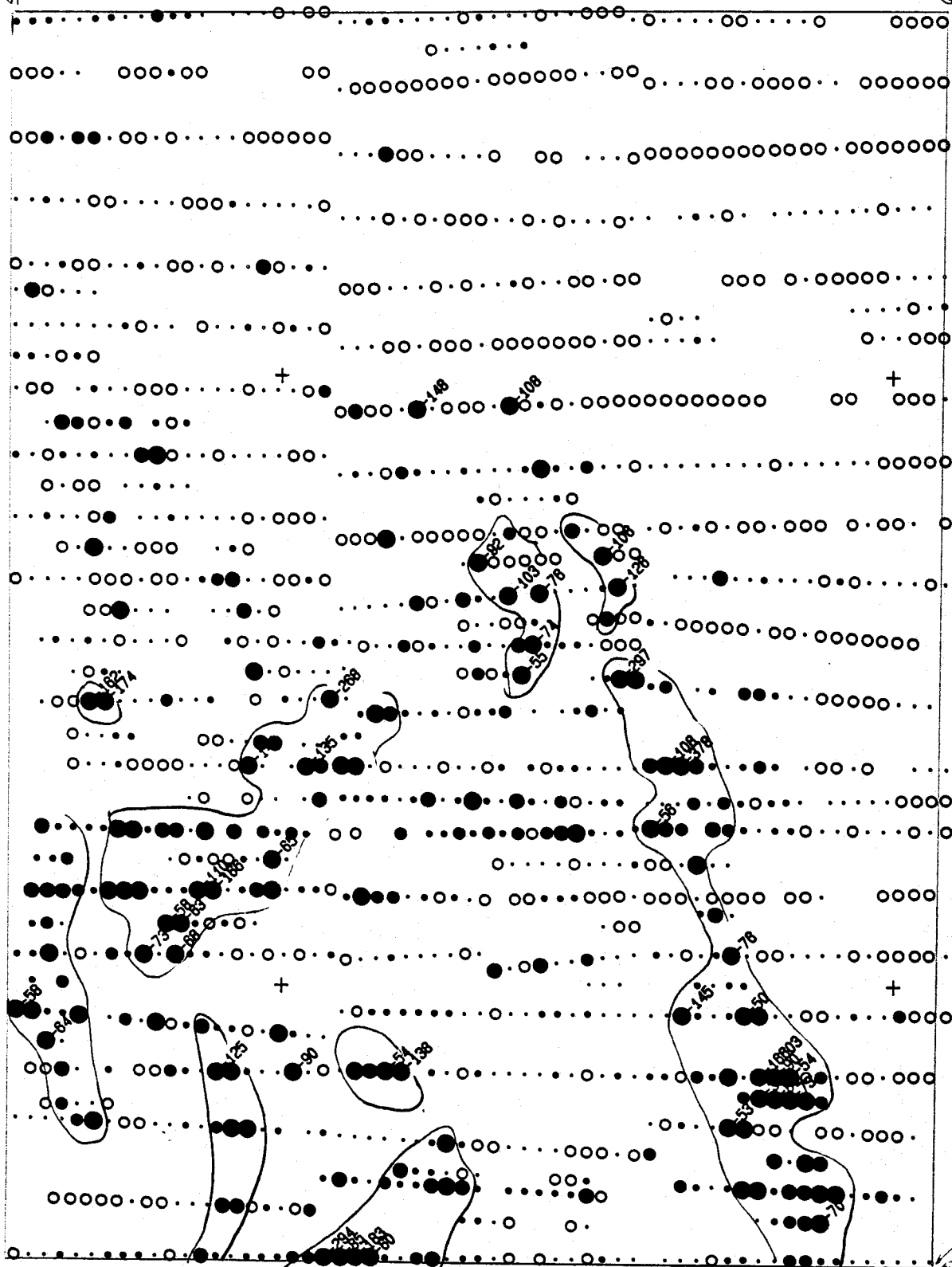
50+00E

65+00E

70+00N

5716000

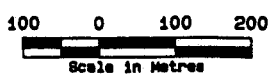
5715000



50+00N

LCP

- > 50
- >35 TO 50
- >28 TO 35
- >25 TO 28
- >20 TO 25
- >14 TO 20
- 0 TO 14



HC PROJECT
 1987 SOIL GEOCHEMISTRY
 Lead (ppm)

DATE: AUG/87	PROJECT#: 582
NTS: 92P/9	SCALE 1: 10000

683000

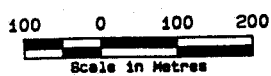
684000

5716000

5715000



- > 500
- >300 TO 500
- >250 TO 300
- >200 TO 250
- >175 TO 200
- >100 TO 175
- 0 TO 100



HC PROJECT 1987 SOIL GEOCHEMISTRY Zinc (ppm)		
DATE: AUG/87	PROJECT#: 562	
NTS: 92P/9	SCALE 1: 10000	

683000

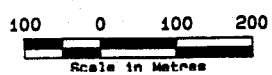
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5716000

5715000



- > 250
- >175 TO 250
- >120 TO 175
- >70 TO 120
- >50 TO 70
- >25 TO 50
- 0 TO 25



HC PROJECT 1987 SOIL GEOCHEMISTRY Copper (ppm)		
DATE: AUG/87	PROJECT#: 562	
NTS: 92P/9	SCALE 1: 10000	

683000

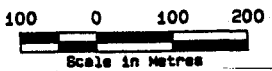
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5716000

5715000



- > 50
- >39 TO 50
- >31 TO 39
- >25 TO 31
- >20 TO 25
- >13 TO 20
- 0 TO 13

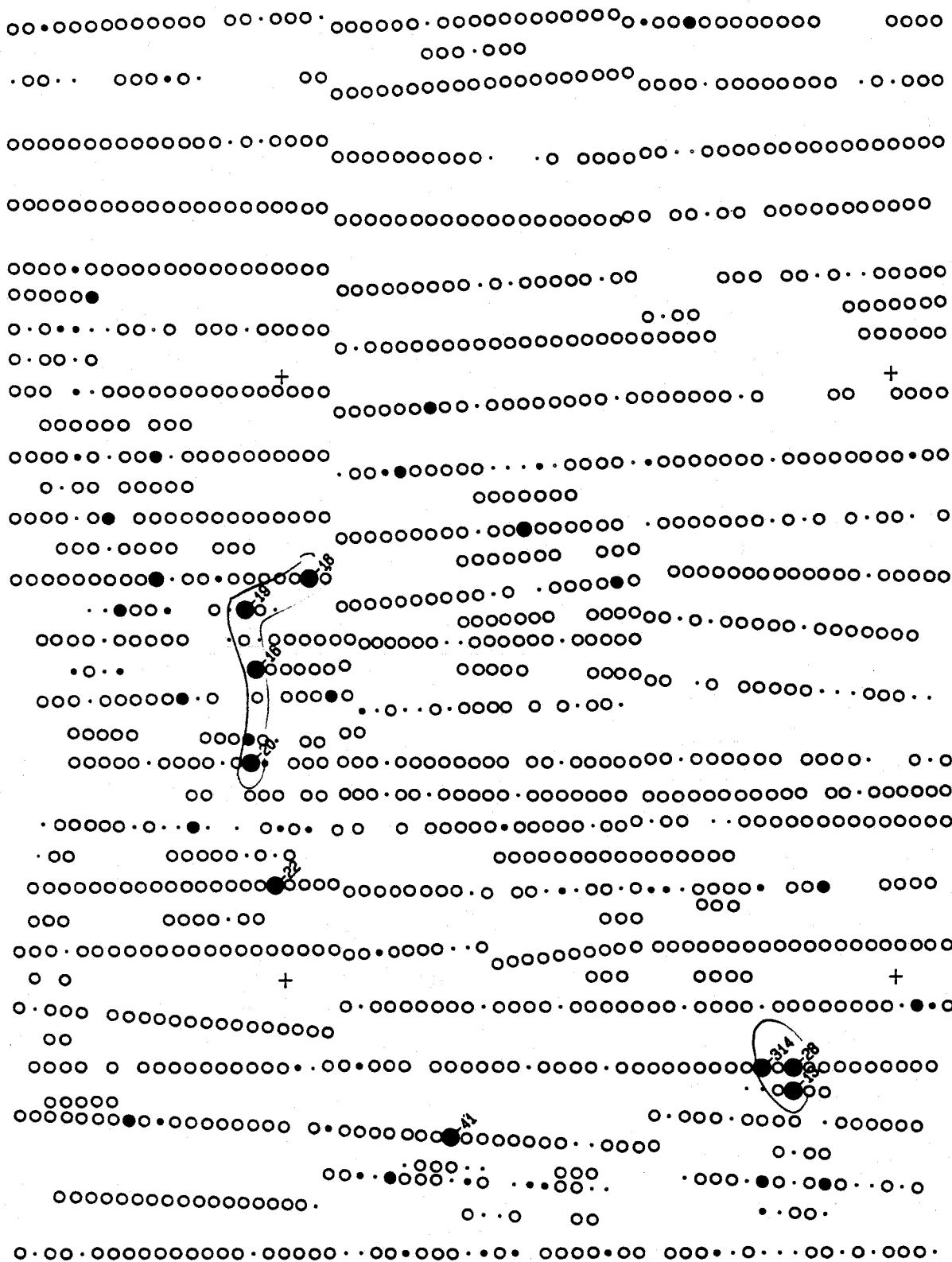


LANCER RESOURCES INC.
 HC PROJECT
 1987 SOIL GEOCHEMISTRY
 Arsenic (ppm)

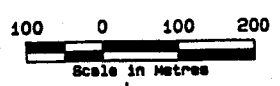
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NTS: 92P/9	SCALE 1: 10000

5716000

5715000



- > 12
- >10 TO 12
- >8 TO 10
- >6 TO 8
- >4 TO 6
- >2 TO 4
- 0 TO 2



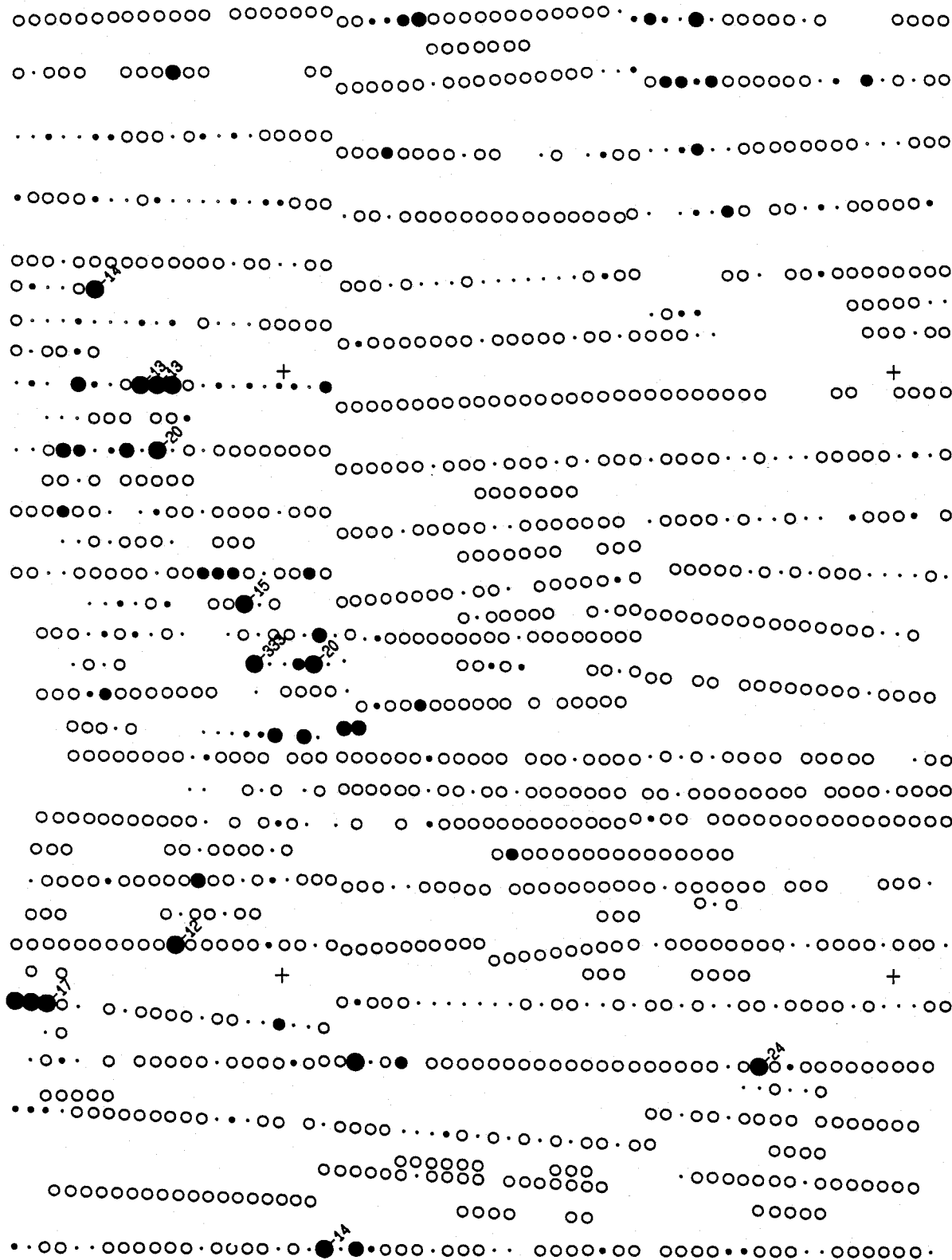
LANCER RESOURCES INC.		
HC PROJECT		
1987 SOIL GEOCHEMISTRY		
Antimony (ppm)		
DATE: AUG/87	PROJECT#: 562	
NTS: 92P/9	SCALE 1: 10000	

683000

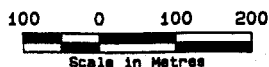
684000

5716000

5715000



- > 12
- >10 TO 12
- >8 TO 10
- >6 TO 8
- >4 TO 6
- >2 TO 4
- 0 TO 2



HC PROJECT 1987 SOIL GEOCHEMISTRY Molybdenum (ppm)		
DATE: AUG/87	PROJECT#: 562	
NTS: 92P/9	SCALE 1: 10000	

683000

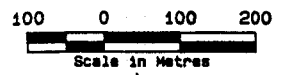
684000

5716000

5715000



- > 35
- >27 TO 35
- >23 TO 27
- >20 TO 23
- >15 TO 20
- >10 TO 15
- 0 TO 10



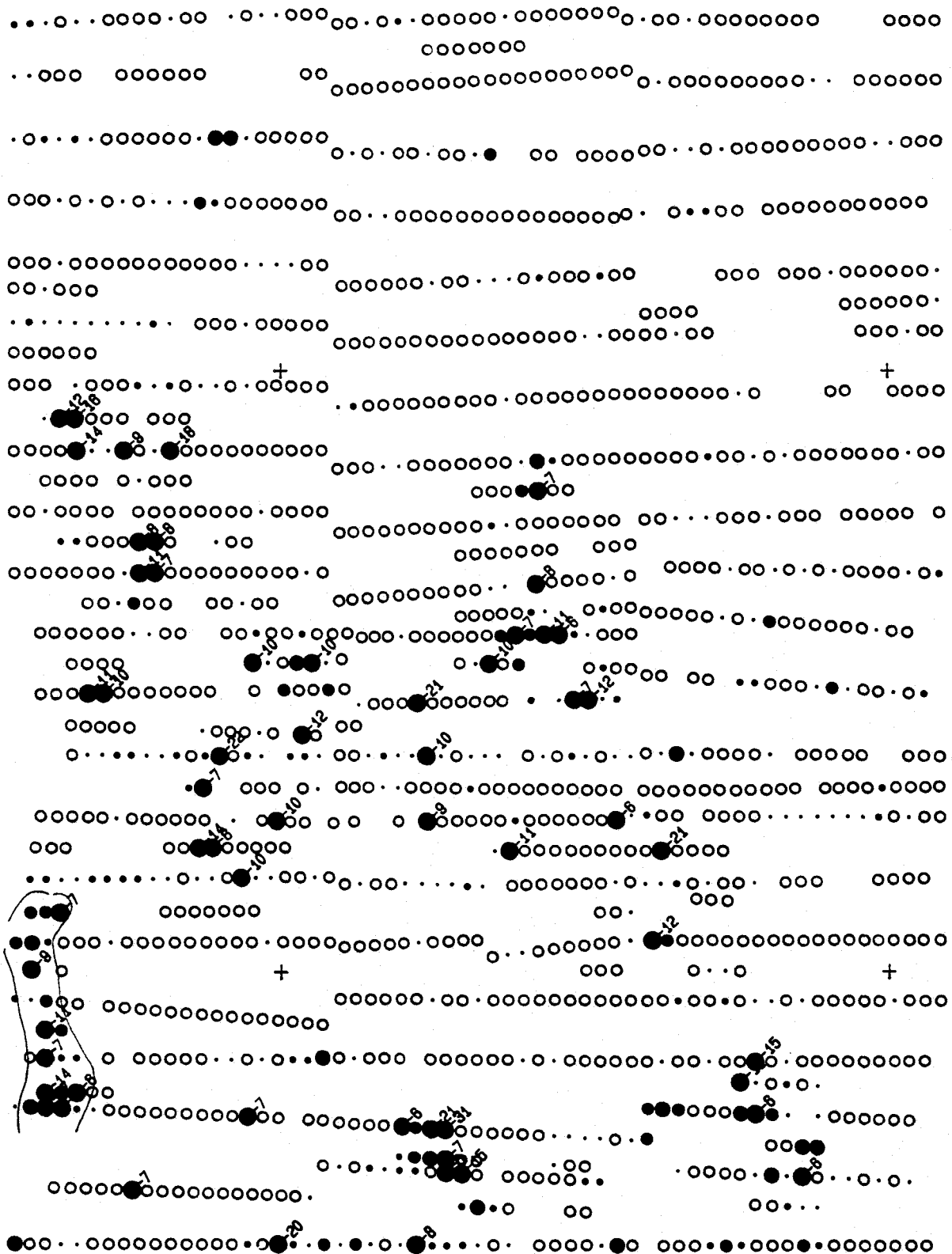
<p>LANCER RESOURCES INC. HC PROJECT 1987 SOIL GEOCHEMISTRY Cobalt (ppm)</p>		
DATE: AUG/87	PROJECT#: 582	
NTS: 92P/9	SCALE 1: 10000	

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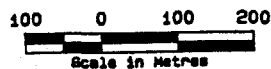
684000

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- > 6
- > 5 TO 6
- > 4 TO 5
- > 3 TO 4
- > 2 TO 3
- > 1 TO 2
- 0 TO 1



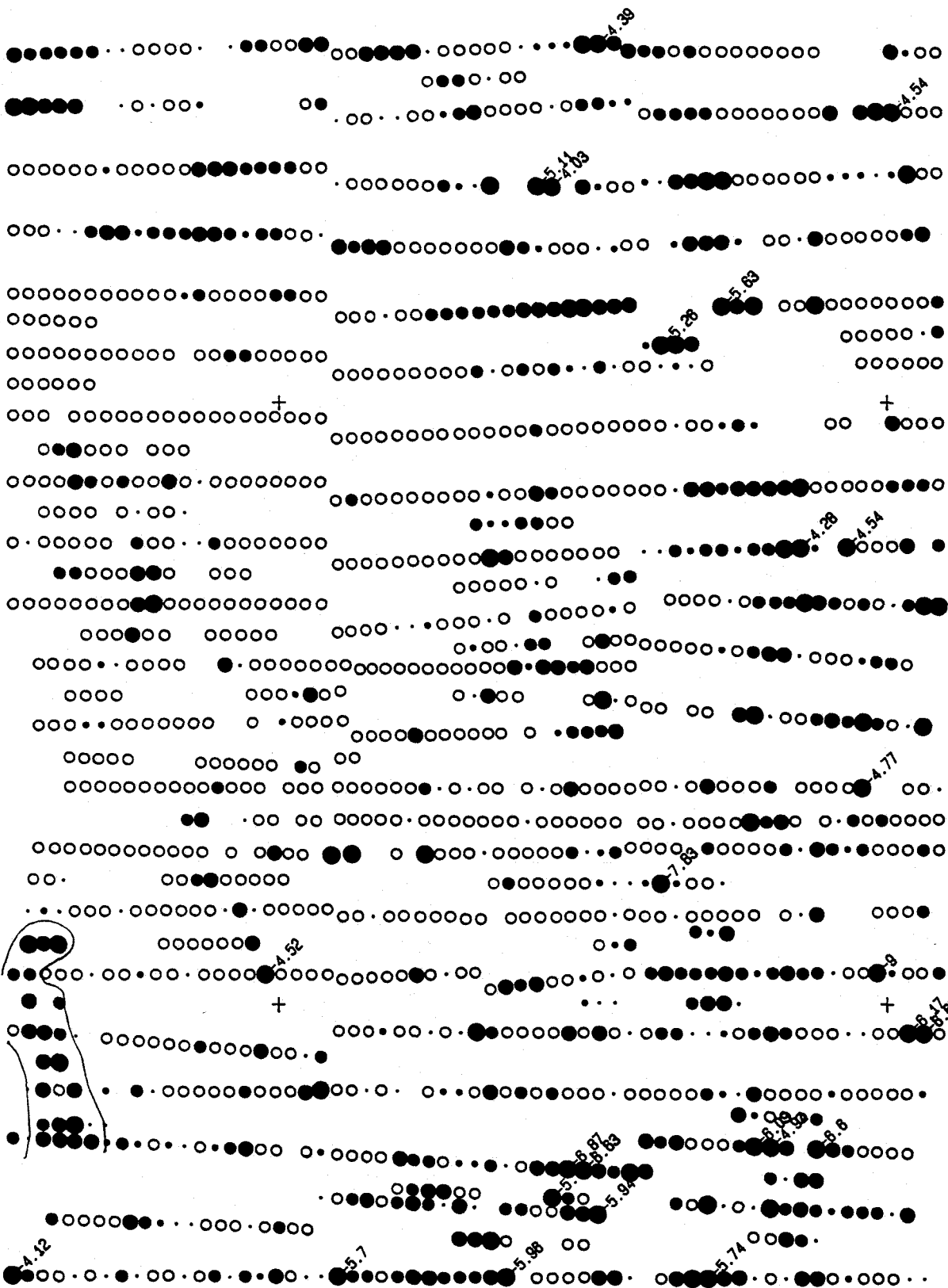
<p>LANCER RESOURCES INC. HC PROJECT 1987 SOIL GEOCHEMISTRY Cadmium (ppm)</p>		
DATE: AUG/87	PROJECT#: 562	
NTS: 92P/9	SCALE 1: 10000	

683000

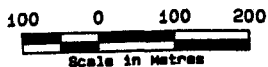
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- > 4
- > 2.5 TO 4
- > 1.1 TO 2.5
- > .6 TO 1.1
- > .5 TO .6
- > .4 TO .5
- 0 TO .4



LANCER RESOURCES INC.
 HC PROJECT
 1987 SOIL GEOCHEMISTRY
 Calcium (%)

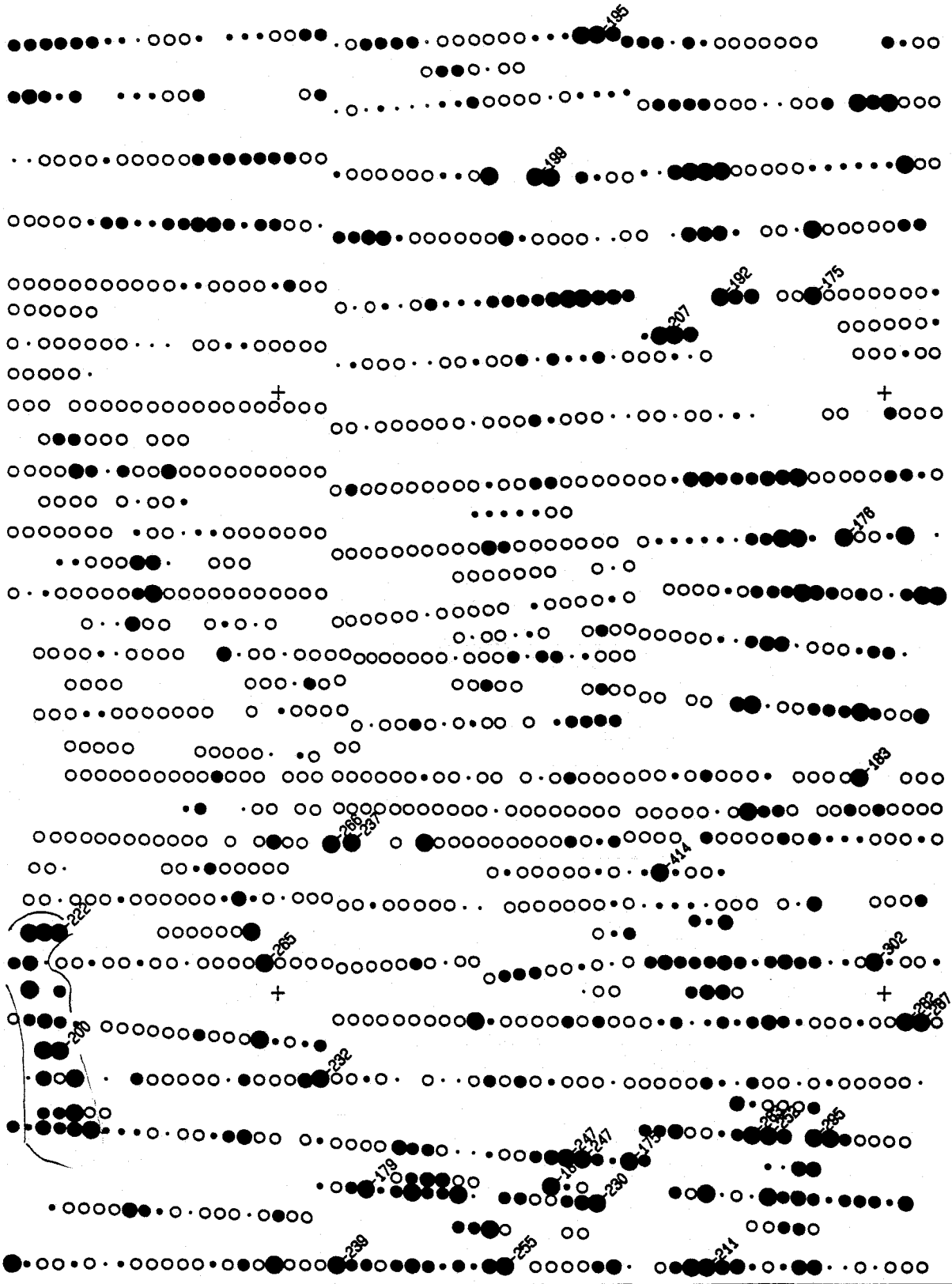
DATE: AUG/87	PROJECT#: 562
NTS: 92P/9	SCALE 1: 10000

683000

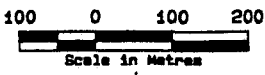
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- > 175
- >125 TO 175
- >90 TO 125
- >50 TO 90
- >35 TO 50
- >30 TO 35
- 0 TO 30



LANCER RESOURCES INC.
 HC PROJECT
 1987 SOIL GEOCHEMISTRY
 Strontium (ppm)

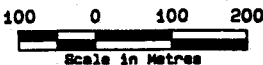
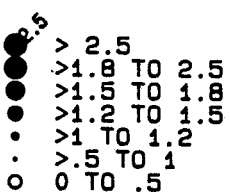
DATE: AUG/87	PROJECT#: 582
NTS: 92P/9	SCALE 1: 10000

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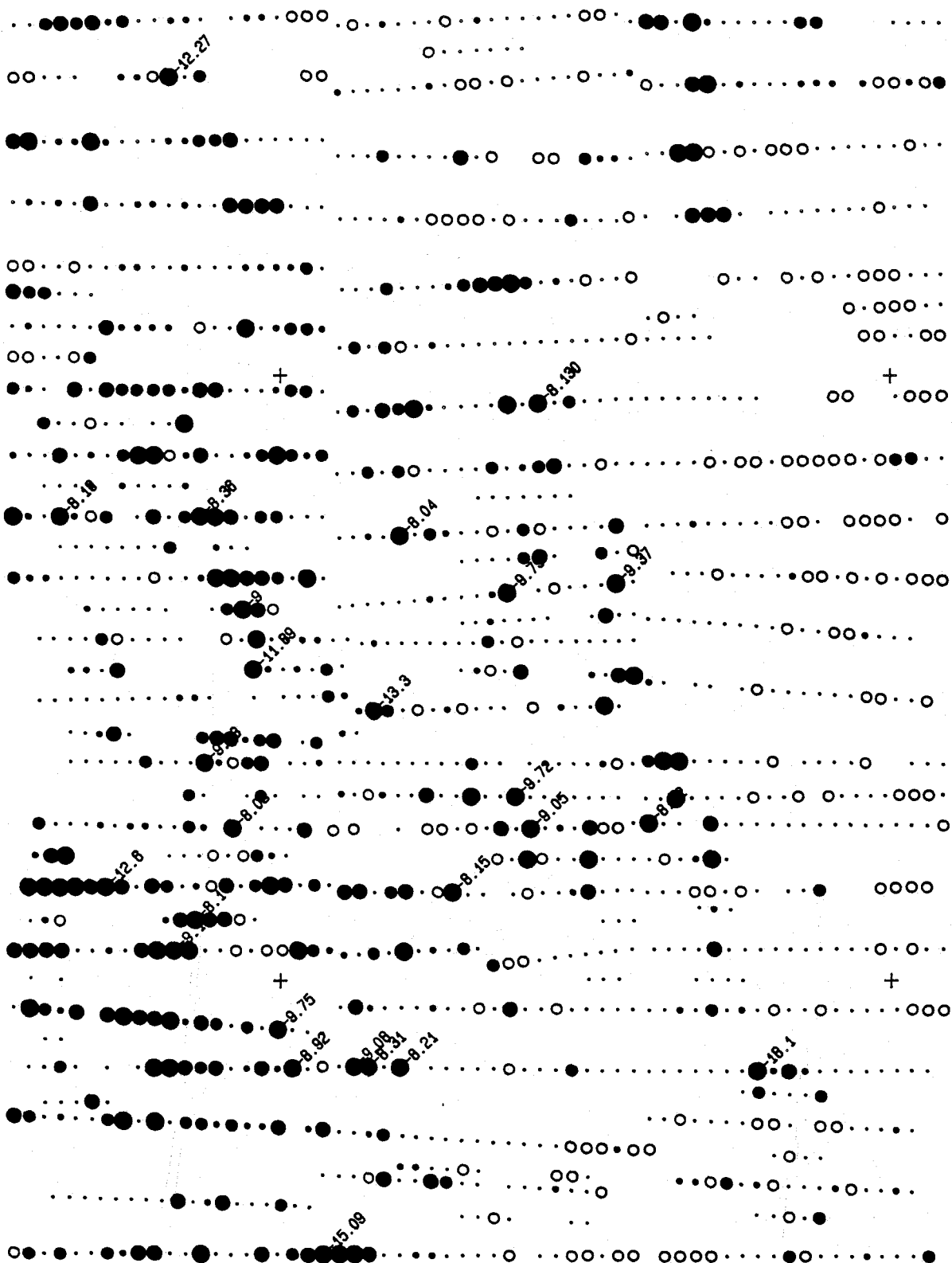
<p>LANCER RESOURCES INC. HC PROJECT 1987 SOIL GEOCHEMISTRY Magnesium (%)</p>		
DATE: AUG/87	PROJECT#: 582	
NTS: 92P/9	SCALE 1: 10000	

683000

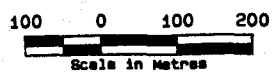
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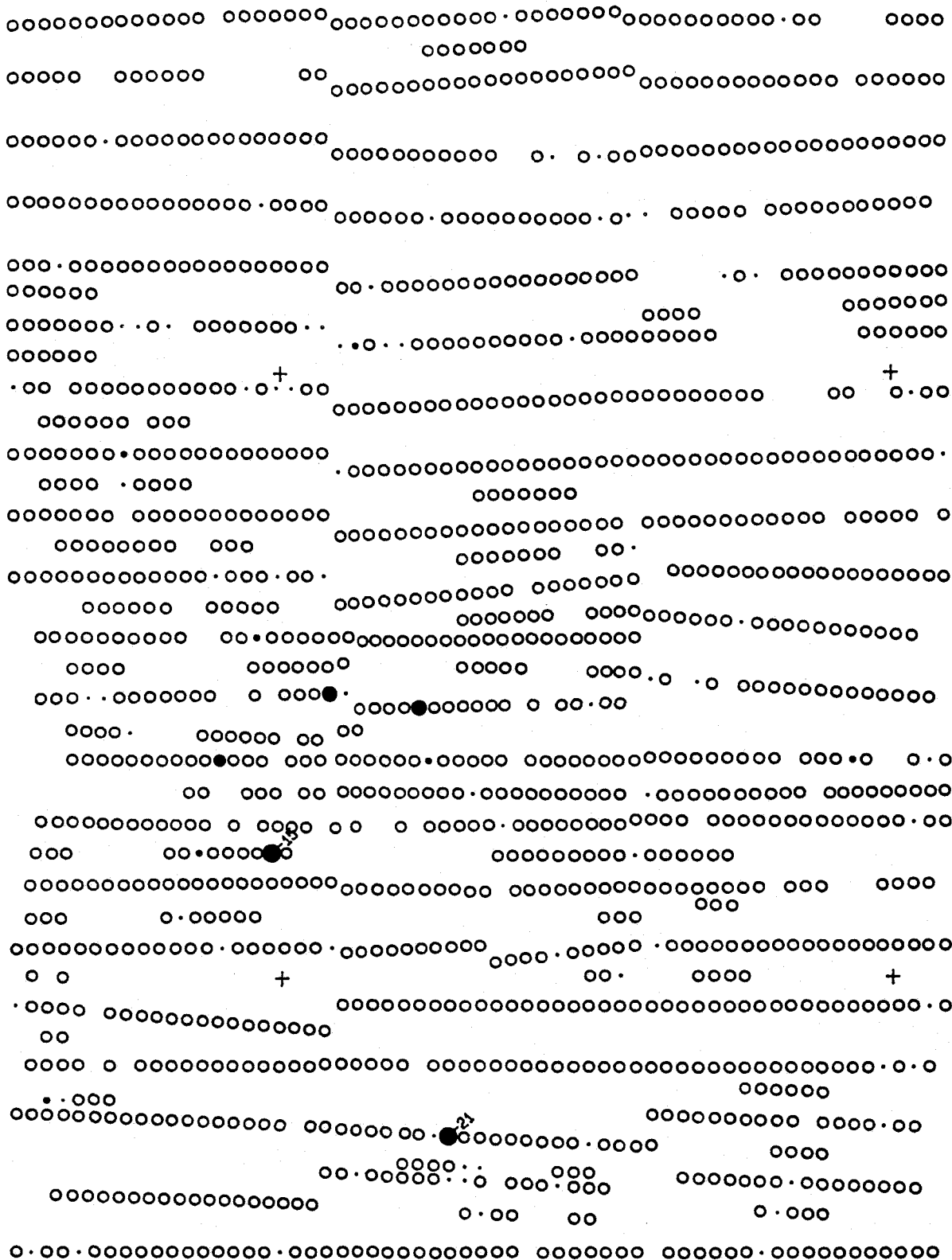
- > 8
- > 6.5 TO 8
- > 5.8 TO 6.5
- > 5.4 TO 5.8
- > 5 TO 5.4
- > 3.2 TO 5
- 0 TO 3.2



HC PROJECT 1987 SOIL GEOCHEMISTRY Iron (%)		
DATE: AUG/87	PROJECT#: 562	
NTS: 92P/9	SCALE 1: 10000	

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LANCER RESOURCES INC.
 HC PROJECT
 1987 SOIL GEOCHEMISTRY
 Tungsten (ppm)

DATE: AUG/87

PROJECT#: 582

NTS: 92P/9

SCALE 1: 10000



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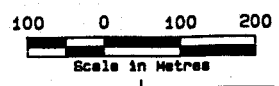
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- > 200
- >165 TO 200
- >140 TO 165
- >130 TO 140
- >100 TO 130
- >75 TO 100
- 0 TO 75



LANCER RESOURCES INC.
 HC PROJECT
 1987 SOIL GEOCHEMISTRY
 Barium (ppm)

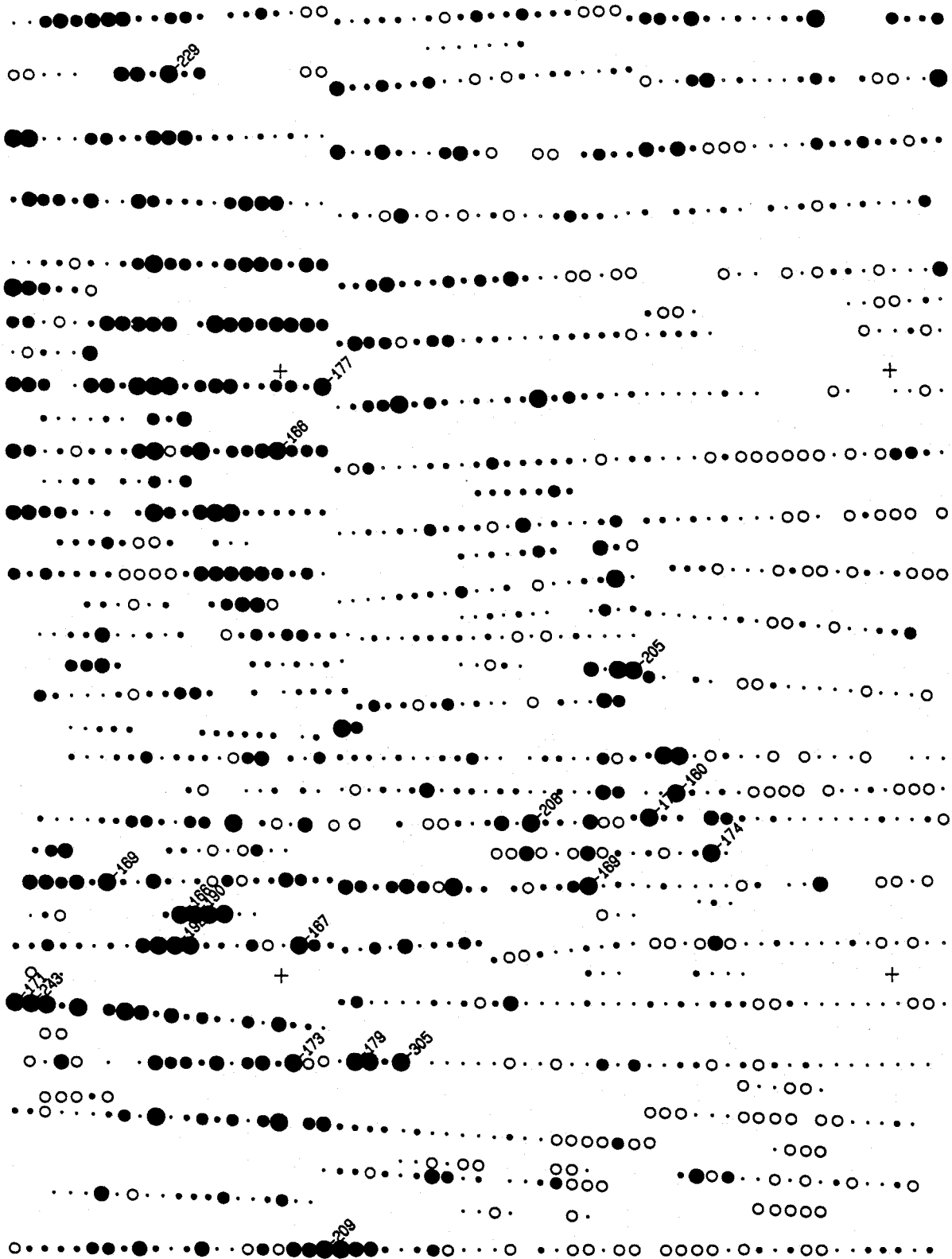
DATE: AUG/87	PROJECT#: 562	
NTS: 92P/9	SCALE 1: 10000	

683000

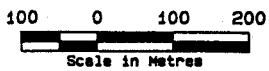
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- > 160
- > 145 TO 160
- > 130 TO 145
- > 120 TO 130
- > 100 TO 120
- > 75 TO 100
- 0 TO 75



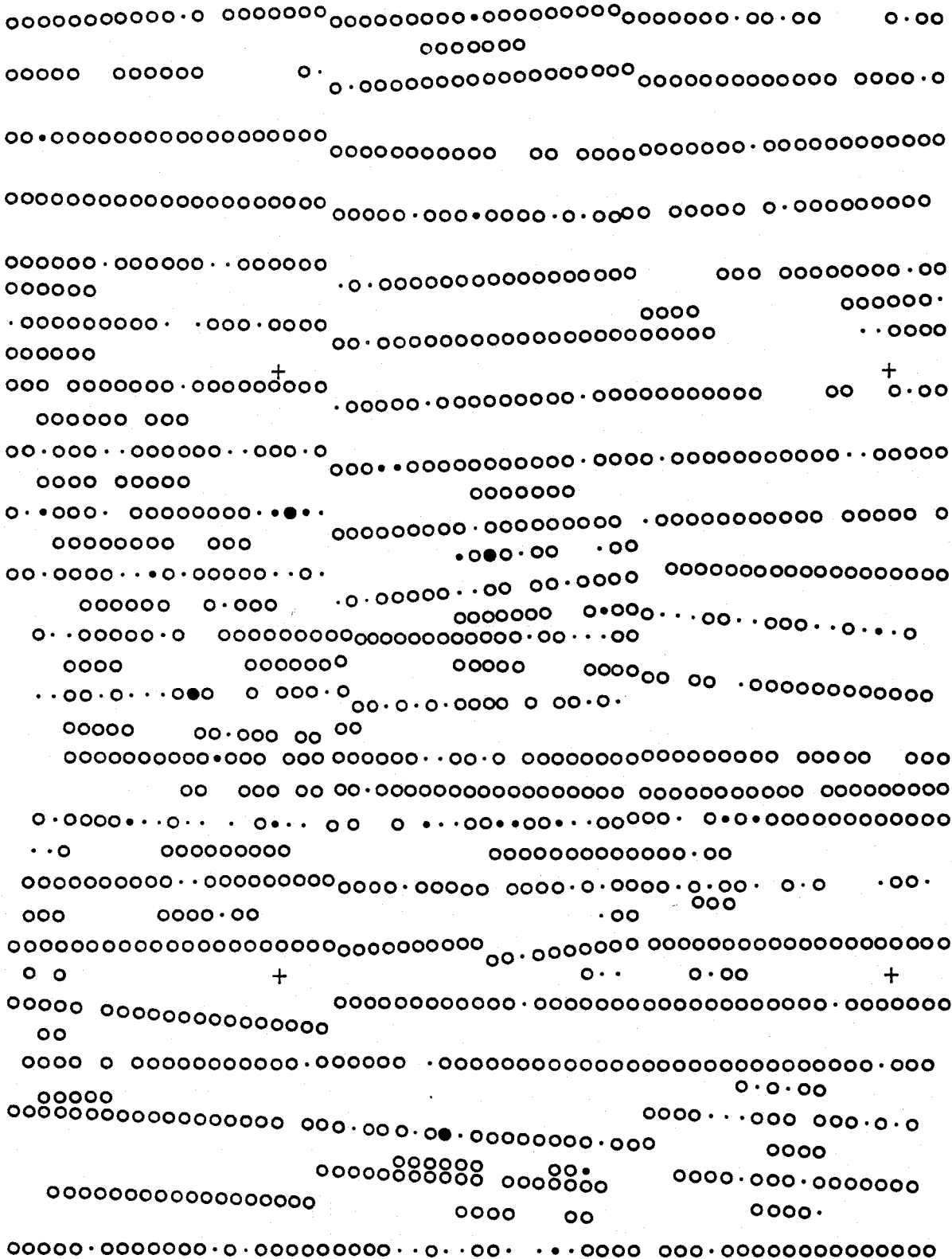
<p>LANCER RESOURCES INC. HC PROJECT 1987 SOIL GEOCHEMISTRY Vanadium (ppm)</p>		
DATE: AUG/87	PROJECT#: 562	
NTS: 92P/9	SCALE 1: 10000	

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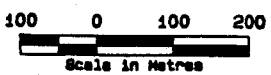
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- > 12
- >10 TO 12
- >8 TO 10
- >6 TO 8
- >4 TO 6
- >2 TO 4
- 0 TO 2



<p>LANCER RESOURCES INC. HC PROJECT 1987 SOIL GEOCHEMISTRY Bismuth (ppm)</p>			
	DATE: AUG/87	PROJECT#: 562	
	NTS: 92P/9	SCALE 1: 10000	

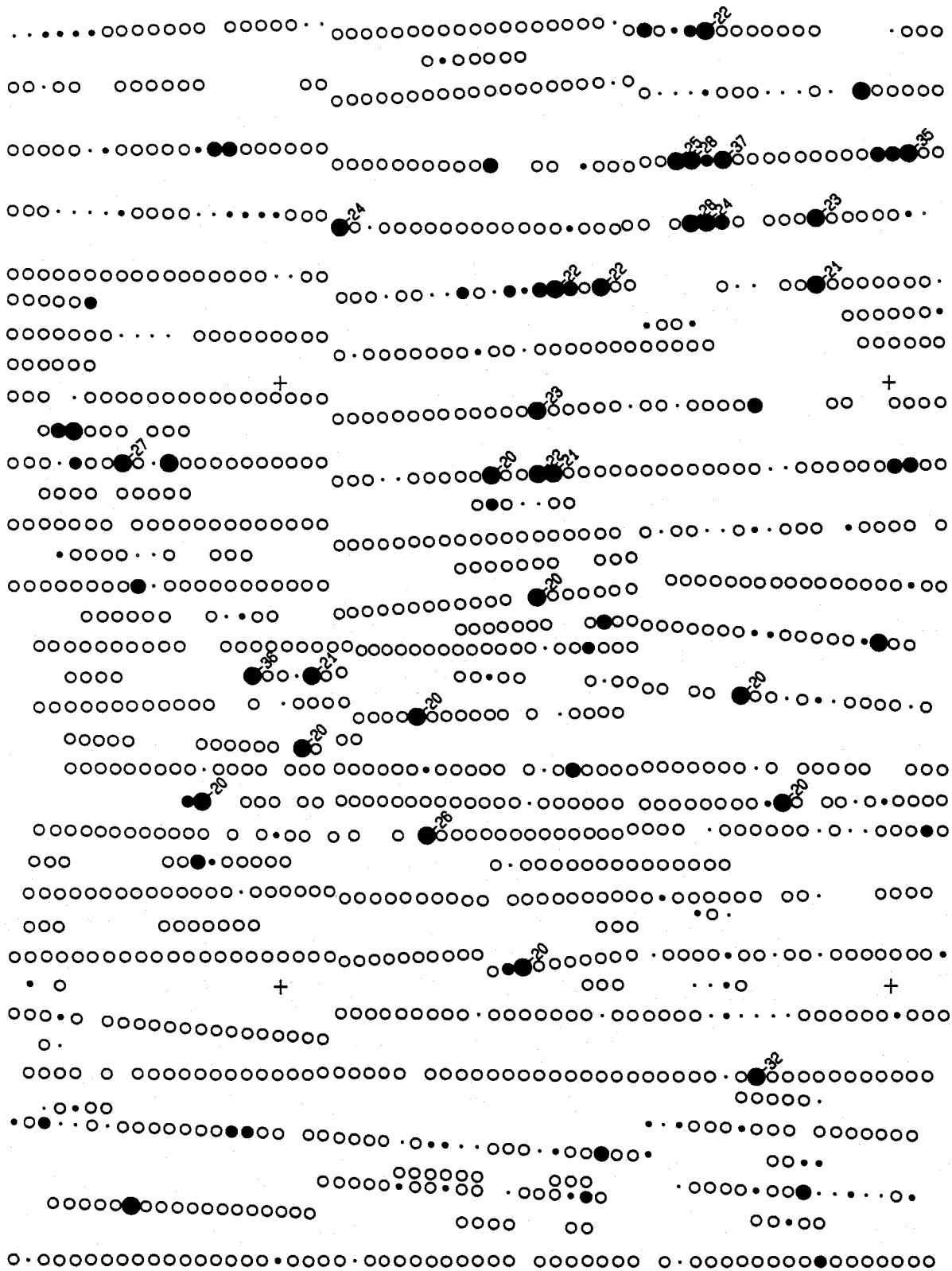
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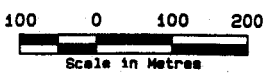
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571



- > 20
- >18 TO 20
- >16 TO 18
- >14 TO 16
- >12 TO 14
- >10 TO 12
- 0 TO 10



LANCER RESOURCES INC.
 HC PROJECT
 1987 SOIL GEOCHEMISTRY
 Lanthanum (ppm)

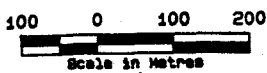
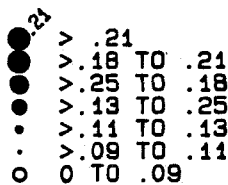
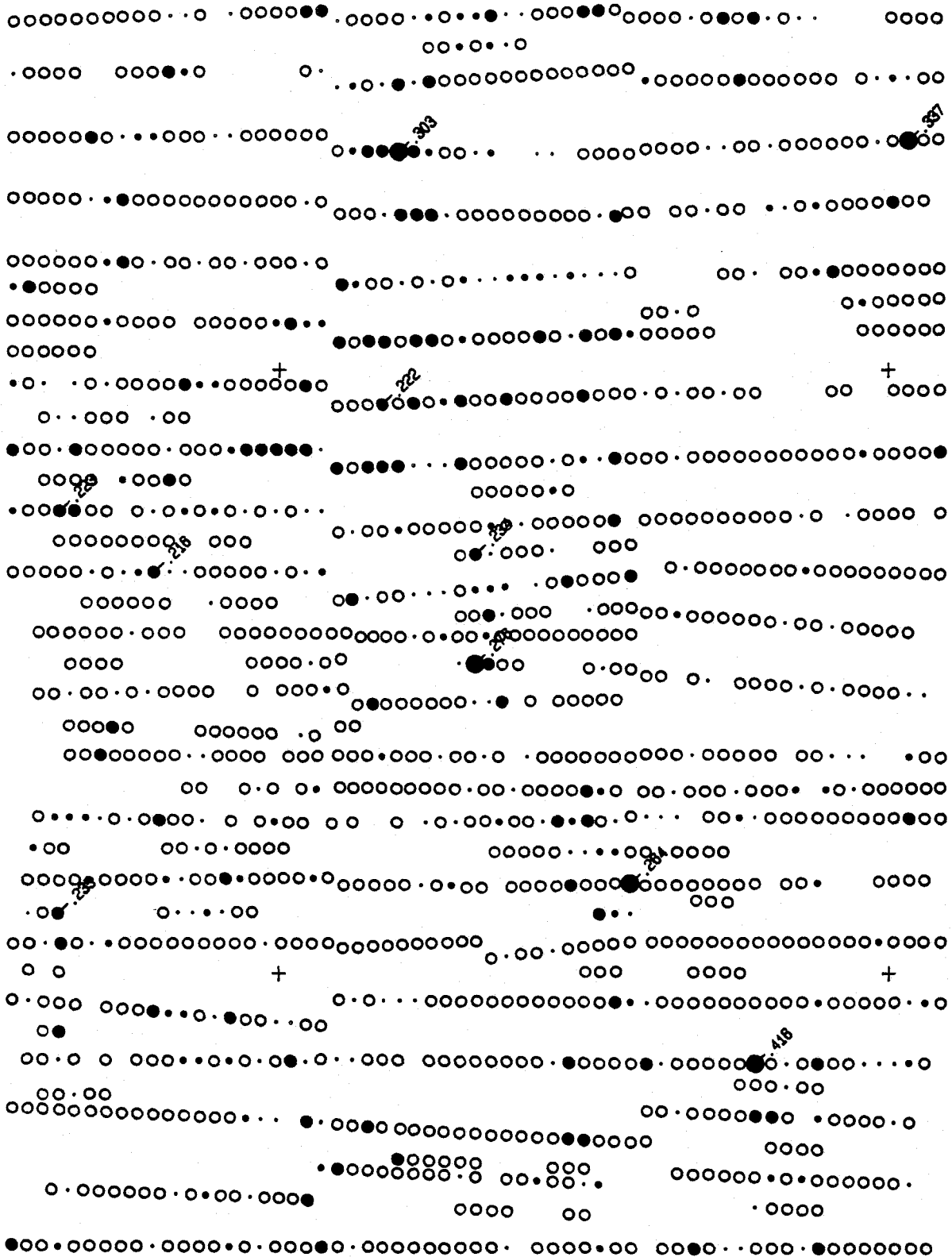
DATE: AUG/87	PROJECT#: 562	
NTS: 92P/9	SCALE 1: 10000	

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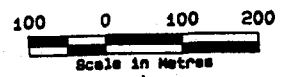
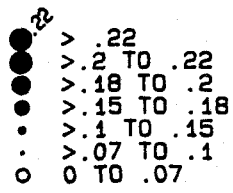
<p>LANCER RESOURCES INC. HC PROJECT 1987 SOIL GEOCHEMISTRY Phosphorus (%)</p>		
DATE: AUG/87	PROJECT#: 582	
NTS: 92P/9	SCALE 1: 10000	

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LANCER RESOURCES INC.			
HC PROJECT			
1987 SOIL GEOCHEMISTRY			
Titanium (Ti)			
	DATE: AUG/87	PROJECT#: 582	
	NTS: 92P/9	SCALE 1: 10000	

683000

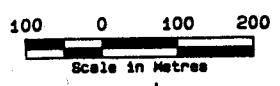
684000

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- > 4.2
- > 3.7 TO 4.2
- > 3.2 TO 3.7
- > 2.9 TO 3.2
- > 2.4 TO 2.9
- > 2.1 TO 2.4
- 0 TO 2.1



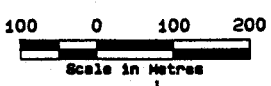
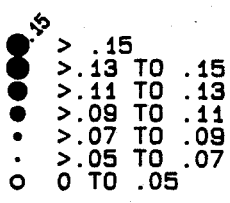
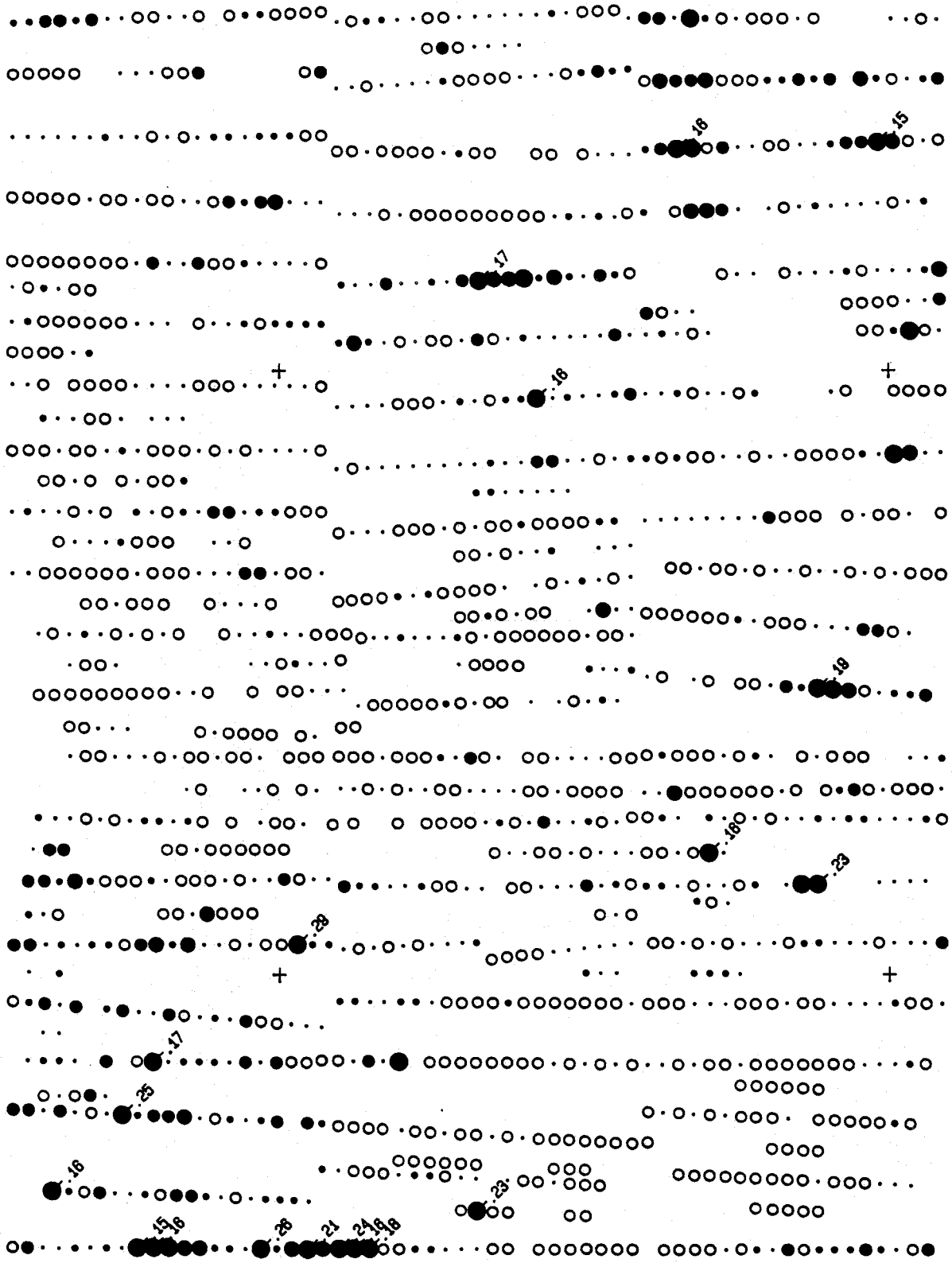
<p>LANCER RESOURCES INC. HC PROJECT 1987 SOIL GEOCHEMISTRY Aluminum (%)</p>		
DATE: AUG/87	PROJECT#: 582	
NTS: 92P/9	SCALE 1: 10000	

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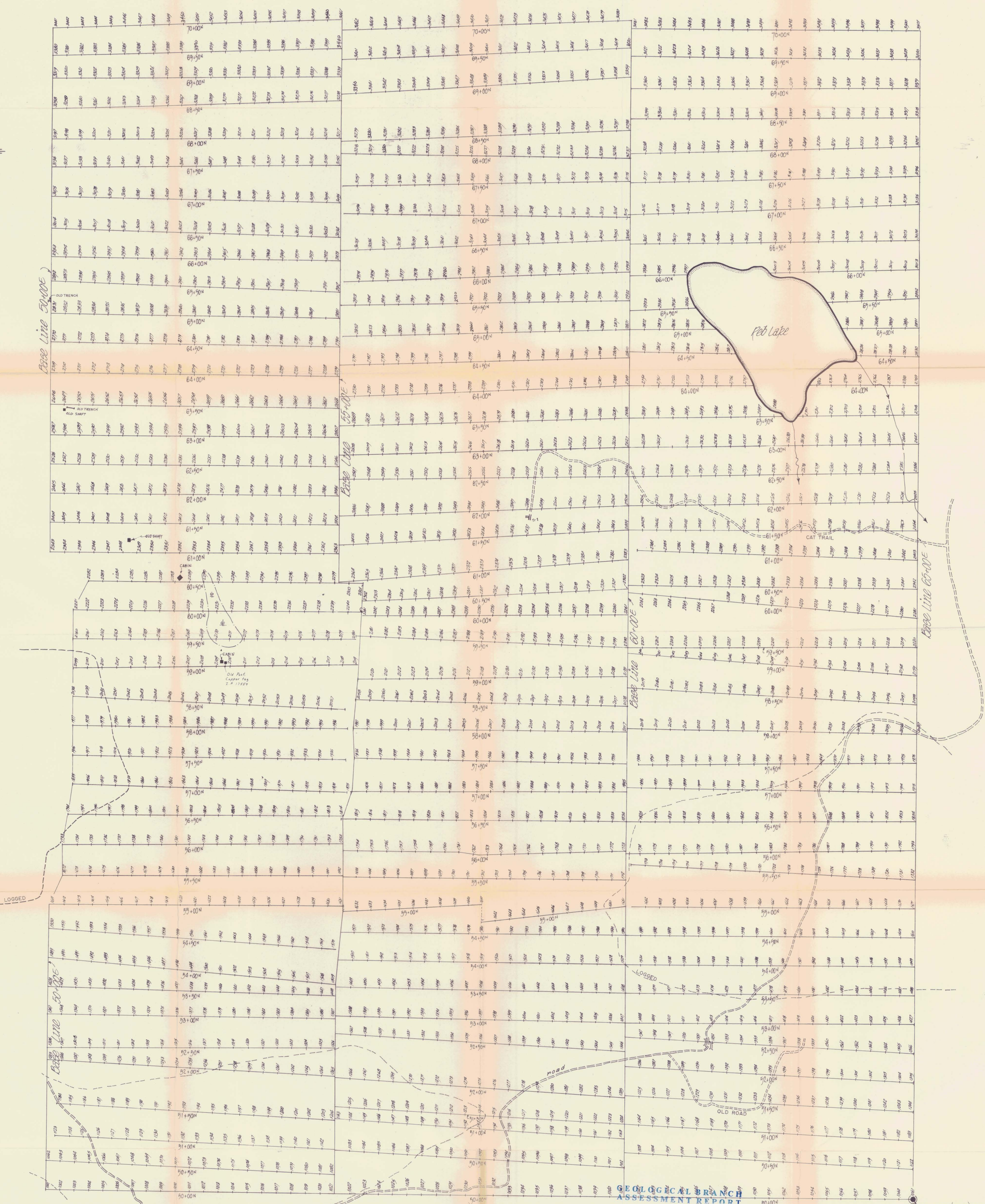
5715000



LANCER RESOURCES INC.
 HC PROJECT
 1987 SOIL GEOCHEMISTRY
 Potassium (%)

DATE: AUG/87	PROJECT#: 562
NTS: 92P/9	SCALE 1: 10000





16,973
Rebagiati Geological Consulting Ltd.
"HC" Project, Little Fort, B.C. Kamloops Mining Division
25 meter soil collections map sheet 92/9W

UCP 101 (4'3" 97' 50" 69'