VOLUME I

ASSESSMENT REPORT FOR 1988 GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL WORK

T E N N CLAIMS
LOUISE LAKE
OMINECA M.D.

OWNERS: L.B. Warren
P.O. Box 662
Smithers, B.C.
VOJ 2N0

and

Eric A. Shaede
R.R. #1,
Sicamous, B.C.
VOE 2V0

OPERATOR: CORONA CORPORATION
1440 - 800 W. Pender Street
Vancouver, B.C.
V6C 2V6

N.T.S. 93-L/13E
54°51'N/127°41'E

R.W. KLASSEN
March 1989

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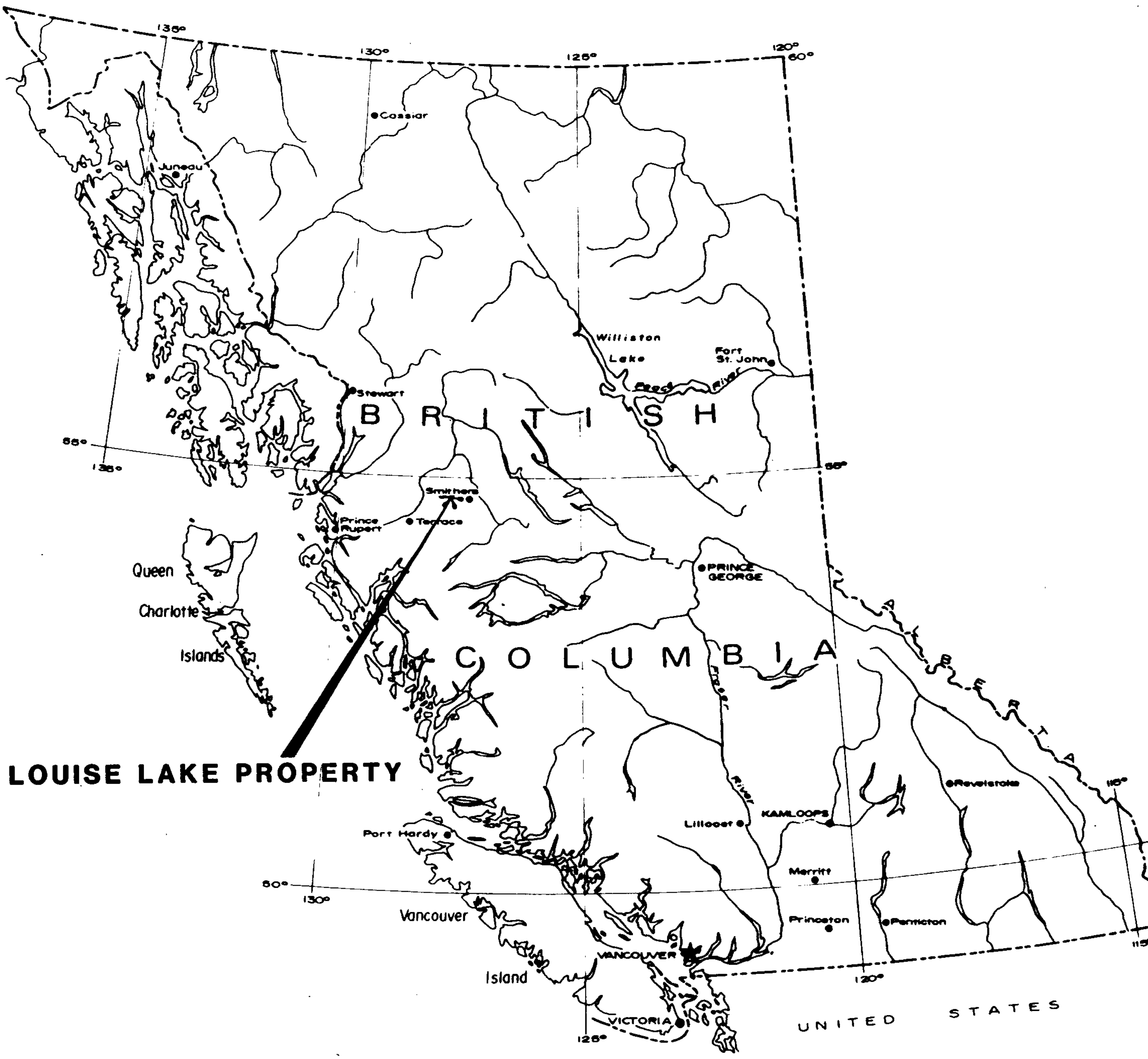
SUMMARY

The TENN, TENN (2) and TENN (3) mineral claims, located 33 km west of Smithers at Louise Lake, were optioned by Corona Corporation (Lacana Mining Corporation) in 1987. The property has been worked intermittently since 1969 as a porphyry Cu-Mo prospect by various companies, including Mastadon-Highland Bell, Canadian Superior, Granby, Bethlehem and Noranda.

The July, 1988 work program consisted of reconnaissance and detailed geological mapping along with stream silt sampling of all drainage patterns on the property. This work was followed up in October 1988 with a 33 km VLF-EM grid survey, a 4.2 km soil grid survey and 485 m of backhoe trenching.

Results from this work reveal anomalous Au-Cu-Mo-As values are associated with a highly altered (Kaolinized-sericitized-silicified-pyritized) feldspar porphyry with mineralization trends of 340°, 010°, and 060°. The main showing on the property is a small hill (200 m x 500 m) located 500 m west of Louise Lake.

Highly altered feldspar porphyry was also located near the eastern property boundary. This intrusive has kaolinized/pyritized shear zones trending northwest, but no anomalous Au values.



NTS. 93 L / 13 E

CORONA CORPORATION

LOUISE LAKE PROJECT

PROPERTY LOCATION

DATE:	SCALE:	DRAWING No.
JANUARY 1989	NO SCALE	1

LOCATION AND ACCESS

The Louise Lake property is centred on Louise Lake, 33 km west of Smithers in the Hazelton Mountains of northwest B.C. (fig. 1). Logging roads from Smithers presently reach to Hankin Lake, where an 8 km cat road exists to the property. At present, access is via helicopter or float plane from Smithers.

PHYSIOGRAPHY

The property straddles Coal Creek, a rolling valley which is part of the Zymoetz River drainage, and is covered by extensive pine, spruce and balsam forest and swamp. Elevations on the property range from 960 - 1300 m in moderate terrain.

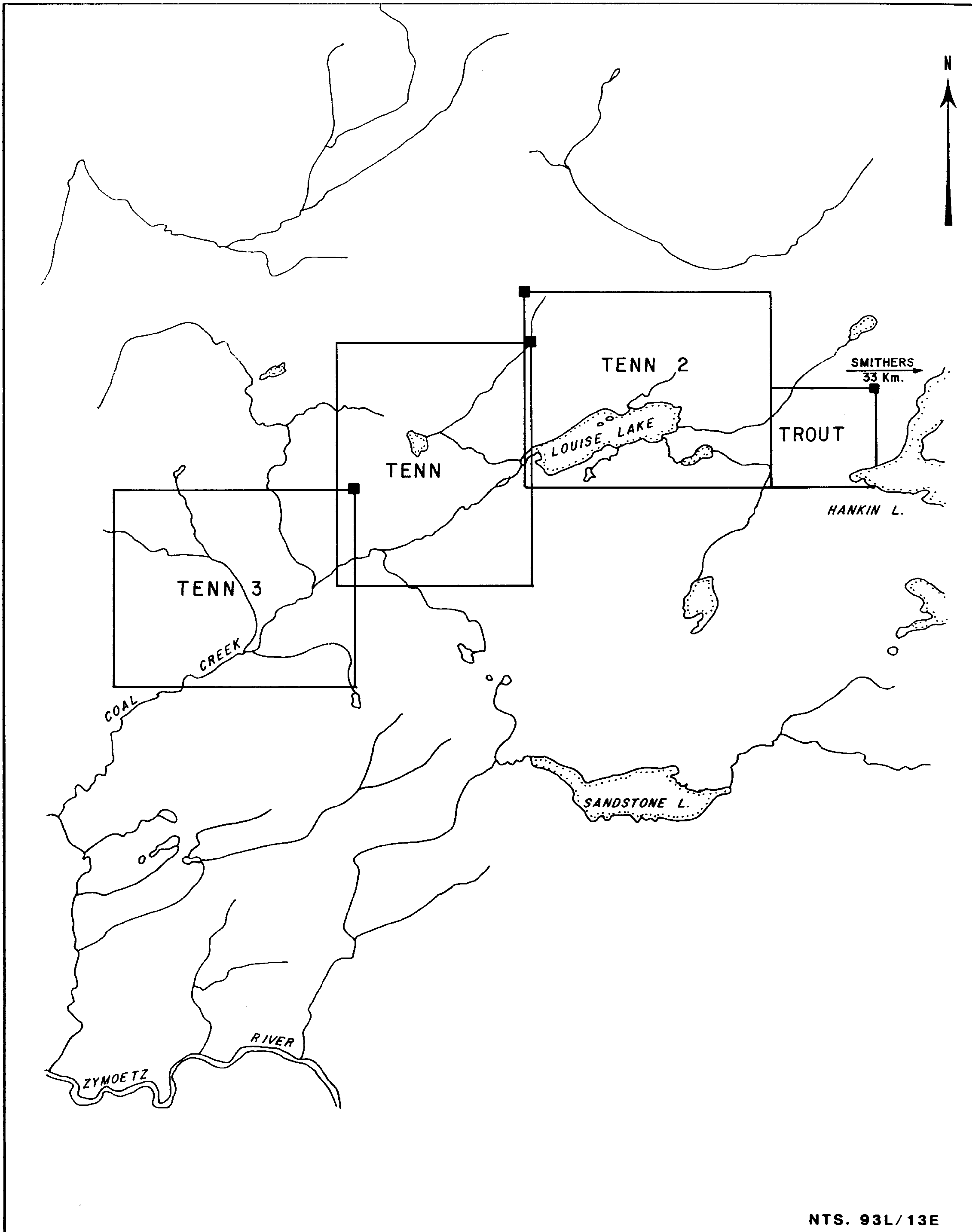
CLAIM STATUS

The Louise Lake property is comprised of 4 claims, totalling 64 units, staked in 1986 and 1987 by Eric A. Shaede of Sicamous, B.C. and Lorne B. Warren of Smithers, B.C. and in 1988 by Corona Corporation (fig. 2). The claims are presently held by Corona Corporation through a 1987 option agreement. The claim data is listed below:

Claim	Record No.	Units	Expiry Date
TENN	8033	20	October 23, 1989
TENN (2)	8547	20	July 20, 1989
TENN (3)	8548	20	July 20, 1989
TROUT	9889	4	October 12, 1989

REGIONAL GEOLOGY

The area is described in G.S.C. Open File 351 (1976) and shows the area to be underlain by Middle Jurassic to Upper Cretaceous clastic sediments and lesser volcanics intruded by Lake Cretaceous and Eocene intermediate felsic intrusives. Abundant, predominantly 060° and 335° normal (?) faults cut the area as well as south dipping, 060° trending thrust faults south of the Zymoetz River.



CORONA CORPORATION

LOUISE LAKE PROJECT

CLAIM MAP

DATE:	SCALE:	DRAWING No.
JAN 1989	1:50,000	1

A major 060° lineament cuts through Louise Lake. South of this, bedrock is mapped as Ashman Formation shale, sandstone and conglomerate, and Netalzul Volcanics basalts, andesite tuffs and flows; both of the Jurassic Bowser Lake Group. North of Louise Lake is conglomerate, greywacke and shale of the Cretaceous Skeena Group.

HISTORY

The Louise Lake showing was first staked in 1969 by Mastadon-Highland Bell Mines Ltd. who carried out magnetometer, I.P.and soil programmes, and 720 (218 m) feet of bulldozer trenching in seven trenches over an area of sericite-pyrite altered intrusive.

In 1969 Canadian Superior Exploration, on behalf of Leitch Gold Mines, subsequently optioned the property and carried out additional soil sampling and I.P.. Seventeen diamond drill holes totalling 6,632 feet (2,021 m) were drilled in early 1970. Disseminated, low grade copper and molybdenum mineralization was encountered but the option was dropped and the claims lapsed.

Granby Mining Corporation restaked the area in 1975 and carried out further magnetometer and soil surveys, which delineated a large >200 ppm Cu in soil anomaly, coincident with earlier I.P. anomalies. No futher work was done and in 1977 the claims were reduced to 4 units.

In 1979 Bethlehem Copper Corp. staked 80 units around Granby's ground and did additional regional I.P., Cu, Mo soil surveys and re-sampled small portions of the Canadian Superior drill core. These claims were later allowed to expire.

Granby's claim was transferred to Noranda Exploration in 1979, who in 1980 carried out an airborne magnetic, V.L.F. survey totalling 100 line km over the Louise Lake area. Three weak V.L.F. anomalies were discovered, none around the original showing. In 1983 Noranda did further work including rock sampling, petrographic work and soil orientation work before letting the claims lapse. Warren and Shaede staked the TENN claims in 1986.

In 1987 Lacana Mining Corporation re-sampled and re-logged the Canadian Superior drill core and completed preliminary soil and silt sampling programmes. A 60 m wide zone of anomalous Cu-As-Sb-Au values trending 140° was located which coincides with sericite-quartz-pyrite alteration noted in the drill core. Au in soil anomalies were obtained around the original showings, as well as additional locally anomalous values down Coal Creek, to the west.

1988 WORK

A two phase exploration program was carried out in 1988. In July, a two man crew did reconnaissance mapping, detailed mapping and stream silt sampling on the property, collecting 298 rock and 22 stream silt samples.

This was followed up in October with a 33 km VLF-EM grid survey, a 4.2 km soil grid survey and 485 m of trenching, yielding 192 rock samples and 205 soil samples. All samples from the project were sent to Acme Analytical Laboratories of Vancouver for analysis by 30 element ICP plus Au by Atomic Absorption.

Property Geology

The July 1988 mapping indicates the Louise Lake property is predominantly underlain by interbedded sediments and volcanics. A major 060° fault system runs through Coal Creek and along the north shore of Louise Lake. The conglomerates, greywackes, shales and clastic volcanics of the Cretaceous Skeena Group are present on the north side of the fault, while the volcanics, shales, greywackes, breccias and conglomerates of the Jurassic Ashman Formation are present on the south side of the fault.

Feldspathic Sediments(1-4) located along the eastern claim boundary on the south side of the fault appear to be fairly fresh with surfacial weathering of the recrystallized? feldspars.

Conglomerates(1-3) and greywackes(1-5) with lenses of volcanics are found on the large hill in the NW corner of Tenn(3), however no mineralization is evident. A magnetic black greywacke/intrusive?(1-6) is also located in this area.

Volcanics(3-1) found along the south shore of Louise Lake have occasional 1 cm wide quartz veins along with trace carbonate alteration/enhancement along fractures.

A massive volcanic unit (3-3) outcrops as a NE trending ridge that runs along the north claim boundary of Tenn and Tenn(2). This unit is a purple-maroon intermediate volcanic with 5-15% feldspar phenocrysts(3-4mm dia.), however no mineralization is evident.

A small, layered, medium grained gabbroic intrusive located 1800m west of Louise Lake revealed no anomalous Au values. It should be noted that Pt/Pd tests were not run on the samples.

The main showing on the property is an intrusive unit of highly pyrite-quartz-sericite-kaolinite altered feldspar porphyry originally of quartz monzonite composition. This showing is exposed on a small 200 m x 500 m hill located 500 m west of the camp in 7 trenches that were dug in 1969. Grab samples were taken from slumped material that had filled the trenches(Appendix VII).

Sample locations are given in fig. 3, a geology map is provided in fig. 4, rock sample assays are given in Appendix I, stream silt assays are given in Appendix II and rock descriptions are given in Appendix VI.

1988 Trenching

In October 1988 485 m of trenching were done with a John Deere 690 crawler backhoe. The original winter cat road used by Mastadon-Highland Bell(1969) and Canadian Superior (1971) was rehabilitated to allow access for the backhoe. The backhoe spent 6 days corduroying the numerous swamps on the 8 km trail that runs from the Hankin Lake logging road to the main showing on the property. The trail was rehabilitated to a degree which allowed the backhoe to exit from the property to the logging road in one day.

The backhoe was used to clean out and extend the existing bulldozer trenches dug on the main showing by Mastedon-Highland in 1969. The 7 original bulldozer trenches varied in depth from 2 m to 7 m and in length from 40 m to 120 m. (fig. 7). The location and length of the trenches was dicated by swamps and increasing depth of overburden (up to 30 m) down the flanks of the hill comprising the showing. The backhoe was much more effective at exposing bedrock than the bulldozer resulting in the trenches being deepened and more bedrock exposed.

One to three metre chip samples were taken along the walls and bottoms of the trenches and both trench walls were sampled where allowed.

Petrographic studies (Appendix V) of the highly altered intrusive indicate that its original composition was a high level quartz monzonite. Kaolinization-sericitization-silicification are predominant throughout resulting in three distinct zones. These zones grade from the highly silicified central stockwork zone through an intermediate zone of moderate clay alteration and silicification to a peripheral argillic zone with extremely high kaolinization and moderate silicification.

Pyrite mineralization has been found in varying amounts from 1 - 10% within all zones of the intrusive:

> The stockwork zone has fine to medium grained disseminated pyrite and a dense network of preferrably oriented quartz-pyrite veinlets (2 mm - 2 cm width) which contain minor amounts of chalcopyrite and molybdenite.
>
> The intermediate zone has fine to medium grained disseminated pyrite and a much lesser amount of the quartz pyrite veinlets.

The peripheral argillic zone also has fine to medium grained disseminated pyrite along with pyrite veinlets and minor quartz-pyrite-veinlets.

There are 3 preferred orientations of the mineralized veins in the intrusive: 340°, 010° and 060°. Au enrichment does not appear to be exclusive with one particular trend. Assays up to 800 ppb Au occur in all three of the alteration zones. Sample locations are given in fig. 5a and fig. 5b, a composite map is given in fig. 6 and assays are given in Appendix III.

1988 Soil Grid

In October 1988, 205 soil samples were collected from lines 92+71E to 102+3E of the geophysics grid at 25 m station spacing (fig. 7). The length of the soil lines was limited by the location of large swamps on the gird. Conversely, areas too rocky to sample were also encountered. The soil grid lines run from Coal Creek through the trenching area to the swamp areas north of the main showing. The grid covers the main showing and immediate surrounding area. L 92+71E and L 93+92E were extended to 109+00N for the purpose of following up a strong VLF anomaly located on these 2 lines. All samples were collected from the B soil horizon with the aid of a grub hoe.

Results from the survey indicate a strong geochemical response over the main showing and relatively little response anywhere else. The anomalous zones over the showing seem to have an elongate shape and a 060° orientation. Anomalous results up to 960 ppb Au were encountered. It should be noted that significant surface disturbance from previous trenching has occurred in the area and may have influenced the shape of the anomalous zones. Assay values are given in Appendix IV.

Geophysics

Numerous geophysical surveys of the property have been completed over the years. Canadian Superior (1970-71) completed an Induced Polarization survey over 70% of Corona's present Louise Lake claims. Interpretation of this survey along with structural lineations on the property indicate a strong correlation between the mineralized zone and the definite I.P. anomaly with a synstral movement of about one kilometre. The possibility of the mineralized zone having a similar displacement should not be disregarded.

Interpretation of the airborne magnetic survey completed by Noranda (1980) indicates no magnetic signature is associated with the mineralized zone. South of Coal Creek the rocks appear to have much higher magnetic susceptibilty than do the rocks to the north. A strong magnetic high is located on the extreme eastern edge of the property. A compilation map of previous geophysical surveys is given in fig. 8.

1988 VLF-EM

In October 1988, a VLF-EM survey was completed over an area extending from the east side of Louise Lake through to 1,900 m west of the lake. 33 km of grid line and 8 km of baseline and tieline were cut. The survey lines run N-S and vary in length from 1,600 metres to 400 m. The grid was oriented over the existing 1971 Canadian Superior I.P. survey grid which was done at 800' (243 m) line spacing. Additional lines were added between the existing lines reducing the line spacing to 400' (121.5 m). Although the 1971 grid was done using Imperial measurements, the 1988 grid was done using Metric measurements, hence the unconventional metric line spacing. The station spacing on the lines was 12.5 m.

By orienting the Corona grid over the old Canadian Superior grid, the VLF-EM data may be superimposed on the existing Canadian Superior I.P. data for a more complete geophysical interpretation of the area.

Two Phoenix 500 VLF-EM receivers were used with the operators working in tandem but at alternate grid stations along the lines. Transmitter sources were Seattle, Wa. (24.8 KHz) and Cutler, Maine (24.0 KHz). Dip angle and field strength were measured for both sources at each grid station (fig.9a, 9b) and the Fraser Filter was applied to the data (fig. 10a, 10b).

Results of the survey show relatively little VLF-EM response over any area of the grid. One strong response does occur just north of the main showing and appears to be a structure oriented along a 060° trend. This response coincides with a linear swamp present just north of the main showing.

CONCLUSIONS AND RECOMMENDATIONS

The 1988 work program has further defined the main showing as a potential host for economic Au mineralization. The original 17 diamond drill holes done by Canadian Superior (1971) are too widely spaced (241 m) to adquately test the showing. Using the newly acquired geochemical and geophysical information as well as existing IP and drill hole data, drill targets should be chosen and situated so as to test structures where there was a possibility of a concentrating effect of the Au in the hydrothermal fluids present during implacement of the intrusive. Hence, these structures must have formed during implacement of the intrusive. Structures formed after implacement such as the regional scale 060 fault system along Coal Creek are not as favourable for concentrations of Au higher than has been found in the areas already tested.

REFERENCES

Goudie, M.A.; Hallof, P.G., 1970, Assessment Report 2372 for Canadian Superior Explorations.

Heino, D.A. 1968, Assessment Report 1999 for Mastadon-Highland Bell.

Meyers, D.E. 1983, Assessment Report 1/772 for Noranda Explorations.

Morris, A. 1979, Assessment Report 7961 for Bethlehem Copper.

Mullan, A.W. 1971, Assessment Report 2937 for Canadian Superior Explorations.

Overstall, R.J.; Murray J.D. Assessment Report 2698 for Canadian Superior Explorations.

Walker, J.T.: Leahy, M.W. 1980, Assessment Report 8710 for Noranda Explorations.

Wilkinson, W.J.; James, D.H. 1976, Assessment Report for Granby Mining Corp.

STATEMENT OF COSTS

MAPPING - PHASE I

Wages:	
19 man days @ $140/day	$2,660.00
19 man days @ $110/day	2,090.00
	$4,750.00
Assays:	
298 rock samples @ $20/sample	$5,960.00
22 silt samples @ $20/sample	440.00
	6,400.00
Petrographics	190.00
Camp & Supplies	1,273.00
Food	1,373.00
Expediting	800.00
Helicopter	
5.6 hours @ $660/hr	3,696.00
Float Plane	
4 flights @ $147/flight	591.00
Report Preparation and Drafting	
6 man days @ $110/day	660.00
TOTAL PHASE I	$19,733.00
	==========

VLF, SOILS, TRENCHING - PHASE II

Linecutting	
71 man days @ $150/day	$10,650.00
VLF Survey	
29 man days @ $150/day	4,350.00
Trenching	
12 man days @ $125/day	1,500.00
12 " " @ $110/day	1,320.00
Backhoe and Operator (14 days)	12,260.00
	$15,080.00
Soil Survey	
3 man days @ $125/day	$ 375.00
3 " " @ $110/day	330.00
	$ 705.00
Assays	
205 soil samples @ $20/sample	$ 4,100.00
192 rock samples @ $20/sample	3,840.00
	$ 7,940.00
Camp	
182 man days @ $20/day	$ 3,640.00
Food	
182 man days @ $18/day	$ 3,276.00
Expediting	
24 days	880.00
Mobilization and Demobilization	
11 man days	$ 1,625.00
Field Supplies & Equipment Rental	
Chainsaw, VLF, Outboard Motor etc.	$ 2,598.00
Helicopter	
27.4 hours @ $500/hr	13,704.00
Report Preparation & Drafting	
6 man days @ $110/day	660.00
TOTAL PHASE II	$65,108.00
TOTAL PHASE I AND II	$84,841.00

STATEMENT OF QUALIFICATIONS

I, ROBERT W. KLASSEN of the City of Vancouver, B.C. do hereby certify that:

1. I am a graduate of the University of the Saskatchewan with a B.Sc. in Geological Sciences, 1986.

2. I am presently employed as a geologist with Corona Corporation of 1440 - 800 W. Pender Street, Vancouver, B.C.

3. I have practiced my profession in British Columbia since 1987.

4. I personally oversaw the project on which this report is based.

Dated at Vancouver,B.C. this 24 day of July 1989.

APPENDIX 1

ROCK SAMPLE ASSAYS(MAPPING)

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DATE RECEIVED: JUL 15 1988 DATE REPORT MAILED: *July 20/88* ASSAYER. *C. Leong* .D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS.

LACANA MINING CORP. PROJECT 6329 File # 88-2711 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
JO-1 E 20101	2	44	38	110	1.0	50	16	1196	4.16	455	5	ND	3	18	3	17	2	47	.38	.102	5	21	.11	104	.01	19	.51	.01	.09	1	1
JO-2 E 20102	3	14	11	144	.1	3	6	1283	2.71	69	5	ND	4	52	2	2	3	16	2.84	.087	24	1	.14	306	.01	13	.38	.01	.13	1	2
JO-3 E 20103	1	71	30	520	.3	5	8	1550	3.51	41	5	ND	3	64	4	2	2	30	2.24	.100	16	8	.60	86	.01	13	.36	.02	.08	1	8
JO-4 E 20104	2	7	10	139	.1	8	9	632	3.53	96	5	ND	3	36	1	2	3	37	.13	.066	7	1	.03	441	.01	8	.58	.01	.04	1	1
JO-5 E 20105	2	28	10	94	.1	7	8	622	2.82	80	5	ND	3	64	1	2	2	42	1.61	.101	9	5	.21	109	.01	6	.48	.02	.04	1	1
JO-6 E 20106	1	4	6	61	.1	2	3	1188	1.80	2	5	ND	8	28	1	2	2	15	.31	.030	15	1	.30	326	.07	5	.67	.02	.25	1	1
JO-7 E 20107	1	6	6	53	.1	1	3	788	1.69	2	5	ND	7	103	1	2	2	13	1.11	.032	15	1	.30	312	.07	10	.66	.02	.24	1	1
JO-8 E 20108	1	10	6	87	.1	36	16	447	3.39	31	5	ND	1	28	1	2	3	47	.02	.020	2	18	.06	40	.01	2	.48	.01	.06	1	1
JO-10 E 20109	1	2	11	152	.1	3	7	1840	3.67	3	5	ND	3	38	2	2	2	25	1.97	.121	27	6	.83	75	.01	2	1.37	.01	.14	1	2
JO-11 E 20110	1	1	17	152	.1	4	7	2585	2.97	7	5	ND	4	34	3	4	2	23	2.30	.125	27	6	.71	96	.01	8	1.21	.01	.16	1	1
JO-12 E 20111	1	1	9	281	.1	3	8	3907	3.36	4	5	ND	3	25	2	2	3	23	2.78	.120	23	4	.09	60	.01	8	.46	.01	.16	1	1
JO-13 E 20112	1	1	17	211	.1	3	9	3721	3.74	6	5	ND	5	6	2	3	2	30	.10	.085	7	3	.03	98	.01	16	.41	.01	.12	1	1
JO-14 E 20113	1	1	24	231	.1	3	7	2301	3.58	11	5	ND	4	110	2	7	2	45	3.02	.099	17	5	.59	112	.01	16	.48	.02	.12	1	1
JO-15 E 20114	2	50	3	105	.1	4	9	2445	4.83	4	5	ND	3	78	3	5	2	70	3.85	.219	34	9	1.19	62	.01	9	1.30	.01	.12	2	2
JO-16 E 20115	2	9	9	73	.1	4	7	1113	3.61	13	5	ND	5	100	2	2	2	41	1.84	.118	29	6	.92	233	.01	9	1.63	.05	.06	1	1
JO-17 E 20116	1	15	8	57	.2	8	8	678	3.16	20	5	ND	6	68	2	6	2	49	1.15	.098	28	9	1.04	459	.02	15	1.04	.06	.09	1	2
JO-18 E 20117	1	2	5	102	.1	9	13	2064	4.62	6	5	ND	6	147	1	2	3	57	6.77	.169	37	1	1.66	2072	.01	14	.59	.03	.12	1	1
JO-19 E 20118	1	10	5	141	.2	70	19	2176	5.64	15	5	ND	2	93	3	2	3	53	4.66	.025	9	21	.47	130	.01	18	.38	.01	.08	1	2
JO-20 E 20119	1	4	10	81	.1	5	12	1341	4.33	11	5	ND	7	196	4	2	2	72	4.98	.201	52	8	.81	201	.01	16	.65	.02	.16	2	1
JO-21 E 20120	1	6	10	100	.1	3	6	1368	2.83	6	5	ND	6	28	1	2	2	34	.28	.063	12	3	.06	117	.01	15	.46	.01	.08	1	1
RK-1 E 20121	1	13	13	91	.1	2	4	1209	3.14	11	5	ND	5	116	2	2	2	39	2.61	.110	19	3	.40	136	.01	16	.47	.02	.07	1	1
RK-2 E 20122	1	3	6	54	.1	3	6	786	2.71	5	5	ND	3	133	2	4	2	26	3.41	.089	22	1	.46	457	.01	16	.30	.02	.11	2	2
RK-3 E 20123	1	24	3	69	.1	4	12	1403	5.23	9	5	ND	2	197	2	4	2	83	3.00	.220	33	1	1.70	474	.01	9	1.17	.03	.07	1	1
RK-4 E 20124	1	1	2	50	.1	2	3	467	1.65	10	5	ND	7	23	1	4	2	12	.17	.023	14	1	.18	270	.04	18	.61	.01	.23	2	1
RK-5 E 20125	1	11	9	52	.1	8	7	666	2.92	20	5	ND	6	95	1	5	2	42	2.24	.091	23	10	.16	123	.01	16	.46	.02	.07	1	1
RK-6 E 20126	1	3	5	62	.1	5	7	697	2.88	13	5	ND	5	144	1	2	2	41	1.97	.086	19	5	.25	167	.01	22	.45	.02	.10	1	1
RK-7 E 20127	1	10	16	52	.2	4	6	679	2.85	8	5	ND	5	127	2	4	2	38	2.72	.089	22	5	.37	143	.01	23	.52	.02	.07	2	1
RK-8 E 20128	1	6	6	50	.1	5	7	598	2.90	22	5	ND	5	122	2	8	2	44	2.69	.088	20	7	.21	98	.01	16	.39	.02	.08	1	2
RK-9 E 20129	1	10	9	54	.1	4	6	714	3.27	12	5	ND	5	73	2	5	3	44	1.94	.089	22	6	.23	116	.01	14	.43	.02	.09	1	1
RK-10 E 20130	1	6	5	53	.1	4	6	816	3.04	8	5	ND	5	92	1	2	2	45	3.34	.085	21	6	.27	103	.01	19	.41	.02	.10	1	1
RK-11 E 20131	1	50	3	81	.1	13	15	924	4.33	14	5	ND	3	193	2	2	2	87	3.42	.194	25	14	1.75	306	.01	30	1.34	.03	.06	1	1
RK-12 E 20132	2	125	5	155	.1	14	14	2248	4.81	15	5	ND	4	131	1	2	2	82	2.59	.217	28	14	.98	160	.01	19	.58	.02	.07	1	1
RK-13 E 20133	1	13	5	53	.1	4	6	703	2.69	13	5	ND	5	167	1	2	2	36	2.49	.087	19	6	.70	136	.01	23	.41	.03	.07	1	2
RK-14 E 20134	1	11	7	51	.1	3	6	710	2.90	30	5	ND	6	209	1	4	2	36	2.62	.088	18	5	.46	106	.01	14	.52	.02	.07	2	1
RK-15 E 20135	1	11	5	53	.1	4	6	762	2.84	20	5	ND	5	108	1	2	2	37	1.91	.088	19	4	.62	259	.01	10	.41	.04	.03	1	2
RK-16 E 20136	1	11	3	55	.1	3	6	754	2.71	10	5	ND	6	69	1	2	2	33	1.35	.036	20	5	.45	158	.02	5	.44	.03	.06	1	1
STD C/AU-R	18	59	37	132	7.1	63	28	1056	4.29	40	17	8	36	47	17	20	19	56	.47	.088	39	56	.93	173	.07	39	2.04	.06	.13	11	480

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
RK-17 E 20137	1	13	5	48	.2	4	6	861	2.94	14	5	ND	6	95	1	2	2	37	1.63	.087	21	4	.36	146	.01	18	.55	.04	.13	2	1
RK-18 E 20138	3	10	9	57	.1	4	6	814	2.82	15	5	ND	5	126	1	2	2	34	2.00	.087	18	6	.50	124	.01	19	.52	.03	.11	1	1
RK-19 E 20139	2	13	7	39	.1	4	8	907	3.15	309	5	ND	4	108	1	3	2	36	2.15	.090	17	1	.18	236	.01	5	.48	.02	.08	1	1
RK-20 E 20140	1	6	3	50	.2	3	5	659	2.38	14	5	ND	5	105	1	2	2	32	1.65	.070	17	2	.32	260	.01	16	.44	.03	.10	2	2
RK-21 E 20141	1	15	10	44	.1	3	7	1038	2.80	9	5	ND	6	206	1	2	2	43	2.67	.086	27	1	.43	669	.05	9	.60	.02	.22	2	1
RK-22 E 20142	1	7	11	93	.1	7	8	1691	3.57	6	5	ND	6	52	1	2	2	37	2.03	.112	38	6	.08	143	.02	11	.59	.01	.12	1	1
RK-23 E 20143	1	21	11	74	.1	9	11	2102	5.03	26	5	ND	3	170	1	2	2	121	2.98	.154	23	13	.63	259	.02	9	1.03	.06	.09	1	1
RK-24 E 20144	2	15	11	72	.1	5	8	1325	3.60	8	5	ND	8	116	1	2	2	67	2.67	.155	42	1	.21	720	.02	17	.82	.04	.08	1	1
RK-25 E 20145	1	3	8	60	.1	6	5	997	2.57	2	5	ND	5	74	1	2	2	43	1.16	.111	21	4	.15	243	.02	16	.77	.03	.09	2	1
RK-26 E 20146	1	6	7	51	.1	4	4	948	2.47	2	5	ND	3	112	1	2	2	39	2.78	.107	17	5	.13	128	.01	8	.67	.04	.06	1	4
RK-27 E 20147	1	35	12	47	.1	3	6	1582	2.90	2	5	ND	4	169	1	2	2	39	3.83	.105	20	6	.57	103	.01	8	.62	.03	.07	1	1
RK-28 E 20148	10	10	22	69	.2	14	20	1546	3.31	21	5	ND	6	142	1	2	2	35	1.77	.181	34	1	.22	618	.01	4	1.36	.03	.15	1	1
RK-29 E 20149	1	4	10	61	.1	2	5	712	1.79	37	5	ND	6	52	1	9	2	15	.05	.011	11	1	.17	155	.03	15	.70	.01	.16	2	2
PN-2 E 20152	1	4	11	61	.1	3	7	1404	3.54	9	5	ND	7	239	1	2	2	64	3.95	.153	25	7	1.18	150	.02	25	.73	.05	.09	1	1
PN-3 E 20153	1	13	10	73	.1	7	10	1807	3.24	12	5	ND	7	61	1	2	2	32	.29	.106	22	1	.16	2090	.03	22	.81	.03	.19	1	1
PN-4 E 20154	1	18	7	56	.1	10	10	1579	3.14	12	5	ND	7	46	1	2	2	35	.30	.103	23	10	.10	295	.01	13	.65	.02	.13	1	2
PN-6a E 20156	1	22	36	125	.1	5	7	1468	3.37	19	5	ND	6	296	1	2	2	54	4.34	.087	32	11	1.23	102	.01	9	.39	.03	.06	1	1
PN-6b E 20157	2	22	36	144	.2	7	11	1650	3.61	226	5	ND	4	39	1	7	2	37	.42	.119	19	1	.04	474	.01	18	.56	.02	.11	1	1
PN-7a E 20158	1	2	9	145	.1	8	10	1669	3.68	8	5	ND	6	122	1	2	2	46	3.42	.090	31	1	.17	2580	.01	15	.50	.01	.14	1	1
PN-7b E 20159	1	7	15	85	.1	3	3	760	1.53	4	5	ND	9	24	1	2	2	15	.61	.027	39	1	.23	275	.01	5	.54	.03	.13	1	1
PN-8 E 20160	2	53	16	101	.1	5	8	1374	3.19	74	5	ND	4	83	1	11	2	20	2.56	.097	25	5	.55	131	.01	14	.48	.02	.15	1	2
PN-9 E 20161	1	26	15	90	.3	5	8	937	3.11	10	5	ND	4	174	1	2	2	39	2.77	.094	23	1	.71	486	.01	15	.46	.03	.11	1	1
PN-11 E 20162	2	9	10	64	.1	3	6	1278	2.69	8	5	ND	5	107	1	2	2	34	2.20	.082	20	5	.56	138	.01	7	.52	.02	.08	1	1
PN-12 E 20163	2	5	9	60	.2	3	4	550	1.87	3	5	ND	9	41	3	2	2	16	.32	.030	17	3	.26	265	.06	18	.78	.02	.26	2	1
PN-13 E 20164	1	8	4	36	.2	20	6	631	2.12	17	5	ND	1	61	1	2	4	29	2.90	.006	4	20	.96	55	.01	18	.22	.01	.08	1	1
PN-14 E 20165	1	14	10	77	.1	9	7	526	3.03	4	5	ND	1	45	1	2	2	42	.47	.044	9	11	.69	352	.04	13	1.64	.05	.10	1	1
PN-15 E 20166	1	3	18	180	.1	4	7	2167	3.07	6	5	ND	4	65	1	5	2	30	2.90	.119	28	8	.88	91	.01	6	1.18	.02	.14	1	2
PN-16 E 20167	1	2	13	242	.1	3	7	1977	3.08	5	5	ND	5	79	1	2	2	28	3.23	.118	27	5	.54	105	.01	15	.72	.02	.17	1	1
PN-17 E 20168	1	2	7	196	.1	4	7	3113	3.47	5	5	ND	4	47	1	2	3	20	3.16	.121	30	8	.55	89	.01	12	.50	.01	.18	1	2
PN-18 E 20169	1	3	20	274	.1	5	7	3741	3.42	5	5	ND	3	79	1	3	2	34	2.91	.110	21	9	.86	93	.01	12	.48	.02	.17	1	2
PN-19 E 20170	1	16	46	107	.2	4	8	1011	3.32	23	5	ND	5	163	1	5	2	41	2.91	.123	29	6	1.06	134	.01	23	1.59	.02	.08	1	1
PN-20a E 20171	1	7	6	90	.1	25	14	2793	5.53	16	5	ND	4	128	32	2	2	97	11.16	.318	30	86	1.25	240	.04	25	.69	.04	.18	1	1
PN-20b E 20172	1	8	23	100	.1	16	8	1605	2.98	5	5	ND	7	163	1	2	2	43	3.11	.101	36	2	.14	343	.03	37	.62	.02	.21	1	2
PN-21 E 20173	1	6	10	62	.2	3	6	848	3.00	10	5	ND	6	126	1	2	2	36	2.38	.108	21	7	.74	79	.01	11	.51	.04	.06	1	1
PN-22 E 20174	1	4	8	125	.1	28	19	2831	4.88	11	5	ND	4	208	22	2	2	114	9.42	.256	27	53	1.40	1697	.01	25	.66	.04	.11	2	1
PN-24 E 20175	1	13	16	133	.1	23	14	1015	4.45	17	5	ND	3	227	2	5	2	109	5.59	.273	30	60	2.26	305	.10	14	.81	.06	.12	1	2
STD C/AU-R	13	58	38	132	6.6	66	28	1055	4.01	42	19	7	36	45	17	19	19	56	.48	.088	38	55	.92	173	.07	36	1.90	.06	.13	12	495

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
PN-25 E 20177	1	27	53	117	.1	15	15	953	4.62	12	5	ND	4	264	4	14	6	114	5.55	.317	31	78	2.34	129	.11	25	.69	.03	.14	1	1
PN-26 E 20178	1	20	722	154	.4	24	17	1181	4.79	18	5	ND	3	138	3	10	2	91	5.35	.278	27	55	2.32	650	.10	31	.77	.03	.20	2	1
PN-27 E 20179	1	23	29	178	.5	28	17	968	4.68	15	7	ND	4	222	4	6	5	132	5.04	.302	32	67	2.29	286	.13	18	.86	.05	.12	1	5
PN-28 E 20180	1	13	245	271	.1	67	31	1789	3.63	35	6	ND	1	427	3	14	2	104	13.31	.101	13	4	4.97	2558	.03	11	.46	.03	.05	1	1
PN-29 E 20181	1	10	14	68	.1	7	7	637	2.35	17	5	ND	3	123	1	2	2	41	2.30	.078	14	6	.51	310	.01	12	.69	.03	.09	1	1
PN-31 E 20182	2	26	30	67	.2	8	14	1027	4.11	2	5	ND	6	209	2	2	2	68	3.06	.143	29	1	1.11	716	.03	8	1.94	.02	.18	1	1
PN-32 E 20183	1	25	19	73	.1	6	10	2003	4.21	5	6	ND	7	143	3	2	2	39	2.56	.172	38	9	.82	102	.01	2	2.35	.02	.20	1	1
PN-33 E 20184	1	19	22	68	.1	4	8	971	2.67	5	5	ND	9	122	3	2	3	20	1.84	.103	37	4	.46	163	.01	7	1.58	.02	.20	1	1
PN-34 E 20185	1	15	12	71	.1	1	9	968	4.35	2	5	ND	6	142	2	2	2	57	2.86	.215	28	4	.52	117	.03	11	1.69	.03	.16	1	1
PN-35 E 20186	2	20	35	36	.1	7	10	1451	4.19	3	5	ND	7	185	2	2	4	73	3.20	.154	34	7	.47	165	.02	10	1.76	.05	.09	1	1
PN-36 E 20187	1	19	13	91	.1	11	16	1479	5.23	23	7	ND	5	185	3	2	2	114	3.69	.217	35	16	1.07	259	.11	4	2.05	.15	.08	1	1
PN-37 E 20188	1	22	24	100	.1	5	12	1054	4.87	5	5	ND	5	87	3	2	2	89	1.95	.218	31	7	1.29	172	.05	5	2.35	.06	.12	1	1
PN-38 E 20189	1	36	12	91	.1	10	14	1548	4.97	7	5	ND	6	161	2	2	2	91	4.16	.170	33	17	1.26	129	.07	5	2.02	.10	.09	1	1
PN-39 E 20190	1	10	51	63	.1	7	7	857	2.97	11	5	ND	4	243	3	4	3	45	2.85	.090	20	12	.87	100	.01	12	.46	.03	.08	1	1
PN-40 E 20191	1	20	6	56	.2	5	7	841	2.48	20	5	ND	3	141	3	12	2	28	3.38	.093	23	9	.92	113	.01	9	.50	.02	.09	1	1
PN-41 E 20192	1	13	35	57	.1	6	7	713	3.14	11	5	ND	4	120	2	4	4	45	2.29	.097	21	10	.54	112	.01	9	.50	.03	.08	1	1
PN-42 E 20193	1	16	7	62	.1	5	7	721	3.03	5	5	ND	5	64	3	2	2	49	1.94	.101	26	9	.68	108	.01	4	1.08	.06	.07	1	1
PN-43 E 20194	6	10	25	77	.1	2	7	965	3.39	11	5	ND	7	106	2	3	2	44	2.29	.108	29	3	.84	314	.01	19	.70	.02	.13	1	1
PN-44 E 20195	1	16	11	35	.1	3	7	771	3.41	66	5	ND	8	106	2	2	3	43	1.90	.127	38	4	.61	180	.01	11	1.04	.08	.06	1	1
PN-45 E 20196	2	2	14	120	.1	2	3	705	1.70	5	5	ND	4	34	1	2	5	12	.57	.006	8	1	.05	134	.01	18	.54	.01	.12	1	1
PN-46 E 20197	1	14	32	108	.1	6	14	729	5.18	2	5	ND	4	145	3	2	2	99	2.63	.186	21	9	2.69	90	.03	9	2.81	.02	.12	1	2
PN-47 E 20198	1	11	27	58	.1	2	6	674	2.62	5	5	ND	9	78	3	2	3	36	1.34	.100	34	5	.52	79	.15	8	1.15	.03	.13	1	1
PN-49 E 20199	1	37	19	62	.1	10	10	629	3.40	8	5	ND	7	329	3	2	3	74	2.52	.171	36	19	.86	100	.16	14	2.88	.08	.14	1	1
PN-50 E 20200	1	18	15	74	.1	13	13	1714	3.90	3	5	ND	6	66	2	2	3	92	2.15	.166	36	26	1.89	154	.10	6	1.98	.05	.08	1	1
PN-51 E 20201	2	10	13	57	.1	5	7	986	3.12	10	5	ND	5	137	2	2	2	75	1.91	.128	32	10	.39	144	.02	9	.83	.04	.09	1	1
PN-52 E 20202	1	46	19	94	.1	8	19	1993	5.90	24	5	ND	6	316	3	2	2	117	3.75	.250	38	14	1.26	172	.01	10	2.36	.15	.12	1	1
PN-53 E 20203	1	5	11	31	.1	2	3	654	1.82	6	5	ND	13	118	3	2	2	34	2.05	.055	46	3	.25	113	.02	6	.56	.03	.16	1	1
PN-54 E 20204	1	5	12	31	.1	2	3	1635	1.86	5	6	ND	10	96	2	2	2	31	4.70	.053	40	3	.26	125	.01	13	.72	.02	.14	2	1
PN-55 E 20205	1	15	16	57	.1	7	6	937	2.63	12	6	ND	6	228	2	2	2	47	2.50	.104	36	5	.56	448	.06	11	1.23	.03	.23	1	1
PN-56 E 20206	1	21	11	60	.1	11	12	833	3.86	10	5	ND	4	213	3	2	2	81	5.53	.225	36	15	.88	281	.06	5	1.53	.06	.12	2	1
PN-57 E 20207	1	1	3	69	.1	1	3	1458	1.67	16	6	ND	5	61	2	9	2	15	.77	.017	11	1	.14	735	.01	17	.55	.01	.14	1	1
PN-58 E 20208	1	26	13	53	.1	5	10	936	3.59	11	6	ND	5	174	2	2	2	102	2.97	.174	28	1	.85	844	.04	8	.93	.05	.07	1	2
PN-59 E 20209	1	21	7	64	.1	5	12	1867	3.71	5	5	ND	7	91	3	2	3	68	3.14	.173	33	14	1.46	143	.10	5	1.37	.07	.08	1	1
PN-60 E 20210	1	20	13	173	.1	8	14	1502	4.94	9	5	ND	5	144	3	2	2	116	1.80	.186	32	14	1.99	185	.10	2	2.17	.14	.11	1	1
PN-61 E 20211	3	18	6	132	.1	4	9	1008	4.21	87	5	ND	5	108	3	2	5	71	2.80	.123	21	4	.79	385	.01	17	.84	.06	.09	1	1
PN-62 E 20212	1	29	13	97	.1	6	11	9202	3.83	47	5	ND	6	45	1	2	2	88	1.78	.128	27	11	1.47	326	.03	11	1.53	.04	.08	1	1
STD C/AU-R	17	57	39	132	6.6	68	28	1054	3.99	41	18	8	36	47	17	17	23	56	.47	.092	39	56	.91	174	.07	34	2.02	.06	.14	12	495

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM
PN-63 E 20213	1	29	15	308	.1	6	8	532	3.09	5	5	ND	4	178	1	2	3
PN-64 E 20214	1	11	14	220	.1	4	10	1501	4.64	10	5	ND	8	144	1	2	2
PN-94 E 20222	1	84	15	96	.1	7	15	1203	5.30	7	5	ND	1	970	1	2	2
PN-95 E 20223	1	23	20	80	.2	4	11	930	4.37	8	5	ND	2	2062	1	2	3
PN96 E 20224	1	58	12	78	.1	9	18	1355	5.68	3	6	ND	2	110	1	2	2
PN-97 E 20225	1	8	5	67	.1	28	11	643	3.79	14	5	ND	1	73	1	2	2

SAMPLE#	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
PN-63 E 20213	78	1.97	.182	33	8	.21	128	.01	12	1.92	.12	.13	1	4
PN-64 E 20214	80	1.63	.147	33	6	.32	650	.02	14	1.13	.12	.11	2	2
PN-94 E 20222	141	2.52	.111	9	7	1.50	172	.25	11	5.06	.37	.09	1	4
PN-95 E 20223	117	2.86	.125	16	4	.77	921	.18	10	4.90	.24	.13	1	1
PN96 E 20224	135	1.18	.177	14	19	2.05	595	.12	8	3.29	.57	.14	1	1
PN-97 E 20225	83	2.19	.055	4	19	.36	61	.01	14	.56	.03	.11	1	2

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
PN-1	2	14	8	103	.1	3	5	1482	3.45	124	5	ND	3	134	1	2	2	47	2.38	.087	11	5	.23	147	.01	14	.50	.02	.05	1	1
PN-6	1	4	6	63	.2	3	5	753	2.52	51	5	ND	7	177	1	2	2	32	2.36	.060	16	3	.29	336	.01	10	.42	.02	.08	1	1
PN-10	1	31	19	67	.4	3	5	1370	2.64	11	5	ND	4	257	1	2	2	7	4.78	.083	22	1	1.14	75	.01	6	.35	.01	.17	1	2
PN-23	1	2	10	114	.1	7	11	1635	4.72	7	5	ND	7	133	1	2	2	59	3.21	.177	27	3	.25	304	.01	9	.77	.01	.16	1	1
PN-65	2	5	37	28	.2	1	1	51	1.58	63	5	ND	8	17	1	4	2	6	.02	.016	8	1	.01	162	.01	6	.48	.01	.18	2	1
PN-66	3	3	27	30	.3	1	2	280	2.34	55	5	ND	14	16	1	4	2	13	.02	.038	20	1	.01	497	.01	2	.48	.01	.21	1	1
PN-67	3	6	30	24	.2	1	1	121	2.59	48	5	ND	11	18	1	3	2	8	.01	.030	11	1	.01	279	.01	4	.41	.02	.24	1	1
PN-68	1	7	22	102	.1	1	2	1811	1.97	35	5	ND	14	17	1	2	5	9	.09	.045	20	1	.02	122	.01	3	.69	.01	.11	1	1
PN-69	8	15	24	89	.2	3	3	2489	1.36	24	5	ND	10	31	1	2	2	12	.16	.042	22	1	.05	514	.01	5	.84	.03	.15	1	1
PN-70	4	5	32	18	.1	1	1	216	1.01	49	5	ND	19	11	1	5	3	17	.04	.041	37	1	.01	202	.01	4	.68	.01	.13	1	2
PN-71	2	1	11	12	.1	1	1	89	.50	35	5	ND	18	15	1	2	4	4	.02	.021	27	1	.01	93	.01	4	.50	.01	.14	1	1
PN-73	92	3557	22	60	1.0	3	3	25	1.51	2000	5	ND	3	71	1	39	4	6	.01	.010	3	1	.05	82	.01	7	.77	.01	.17	1	490
PN-74	27	980	12	8	.3	2	9	13	1.07	543	5	ND	1	32	1	93	2	3	.01	.006	2	1	.01	117	.01	8	.52	.01	.11	1	38
PN-75	263	313	8	2	.6	1	2	11	.70	1247	5	ND	2	13	1	338	2	3	.01	.005	2	1	.01	282	.01	9	.38	.01	.13	1	330
PN-76	44	298	14	16	.3	1	3	6	1.41	276	7	ND	2	46	1	74	5	2	.01	.004	2	1	.01	155	.01	10	.43	.01	.11	1	86
PN-77	13	137	14	11	.4	2	8	6	2.40	234	6	ND	2	16	1	25	2	3	.01	.002	2	2	.02	37	.01	12	.54	.01	.14	1	29
PN-78	65	500	16	37	.6	8	6	83	4.83	397	5	ND	3	32	1	81	2	30	.02	.025	4	6	.04	117	.01	9	.59	.01	.13	2	54
PN-80	114	2626	25	119	.7	4	8	19	2.54	1170	5	ND	3	79	1	28	5	6	.01	.010	3	1	.03	44	.01	7	.82	.01	.11	1	220
PN-82	50	184	10	13	.4	1	1	10	.65	595	6	ND	1	31	1	155	2	3	.01	.005	2	1	.01	134	.01	11	.52	.01	.10	1	32
PN-83	79	70	5	2	.1	1	1	7	1.48	74	5	ND	1	17	1	32	2	2	.01	.004	2	1	.01	170	.01	8	.34	.01	.14	1	50
PN-84	130	27	3	3	.2	1	1	15	.75	13	5	ND	2	10	1	15	2	4	.01	.002	2	1	.03	70	.01	8	.34	.01	.20	2	82
PN-85	1	1109	21	93	.4	5	19	1308	6.21	11	5	ND	1	789	1	2	2	178	1.93	.121	10	5	2.65	216	.30	3	5.00	.26	.12	1	1
PN-86	1	42	20	96	.2	6	18	1481	5.68	3	5	ND	1	506	1	2	3	139	2.02	.106	9	4	2.65	247	.27	5	4.77	.20	.09	1	1
PN-87	1	41	22	82	.1	8	20	1030	5.84	2	5	ND	2	355	1	2	2	231	2.39	.151	11	11	1.74	263	.28	7	5.19	1.09	.08	1	1
PN-88	1	277	19	83	.3	10	20	1420	5.75	2	5	ND	3	493	1	2	4	180	2.35	.162	11	10	1.35	159	.29	2	4.98	.84	.10	1	1
PN-89	1	11	29	70	.1	4	14	1709	5.04	2	5	ND	4	274	1	2	2	105	3.81	.172	22	3	1.80	133	.08	2	1.50	.03	.09	1	1
PN-90	1	33	15	67	.1	2	13	1030	4.18	2	5	ND	3	143	1	2	5	83	4.19	.135	22	4	1.36	116	.03	6	2.54	.02	.22	1	1
PN-91	1	49	16	94	.2	6	16	1380	5.36	2	5	ND	3	47	1	2	2	123	2.39	.136	18	10	1.44	64	.10	2	1.60	.03	.07	1	2
PN-92	1	52	25	81	.2	11	18	1122	5.23	5	5	ND	5	159	1	2	3	151	1.84	.165	21	17	1.69	401	.25	2	3.90	.44	.26	1	1
PN-93	1	52	27	139	.2	5	16	1362	5.83	4	5	ND	5	128	1	2	2	173	5.32	.186	24	6	1.20	95	.10	2	1.59	.04	.11	1	1
PN-98	55	527	12	20	.3	1	5	19	.98	428	5	ND	1	93	1	165	2	4	.05	.010	3	1	.03	213	.01	10	.54	.01	.08	1	63
PN-99	96	5788	18	496	.9	7	24	28	8.03	2438	5	ND	2	21	1	199	2	5	.04	.007	2	1	.08	11	.01	10	.54	.01	.19	1	410
PN-100	105	1979	7	55	.4	4	6	13	2.15	919	5	ND	1	69	1	117	2	5	.01	.009	2	1	.04	60	.01	13	.76	.01	.13	1	260
STD C/AU-R	18	57	40	132	7.1	68	28	1032	3.99	38	22	7	36	47	18	16	19	56	.46	.085	39	56	.92	171	.06	34	2.00	.06	.13	12	470

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
PN-101	209	2573	13	51	.4	3	6	21	2.67	1195	5	ND	1	60	1	158	2	6	.01	.008	3	1	.06	23	.01	8	.83	.01	.21	1	440
PN-103	137	4016	16	148	.7	4	21	18	5.74	1556	5	ND	1	37	1	370	2	3	.01	.004	2	1	.05	7	.01	8	.56	.01	.21	1	380
PN-104	94	2256	15	131	.5	3	13	7	5.07	820	5	ND	1	42	1	228	3	3	.01	.004	2	1	.04	11	.01	8	.45	.01	.18	1	210
PN-105	122	2034	12	137	.3	3	9	17	6.12	891	5	ND	1	29	1	128	2	4	.01	.003	2	1	.05	14	.01	9	.59	.01	.19	1	290
PN-106	279	2058	12	41	1.2	3	18	16	4.16	1038	5	ND	1	41	1	96	2	2	.01	.005	2	1	.04	11	.01	9	.44	.01	.21	1	200
PN-107	171	3160	20	72	2.9	5	20	13	4.13	1647	5	ND	2	48	1	196	4	3	.01	.007	2	1	.04	14	.01	9	.45	.01	.22	1	340
PN-108	311	1832	15	157	.5	4	4	18	1.82	996	5	ND	1	97	1	120	7	4	.01	.011	3	1	.03	68	.01	6	.68	.01	.13	1	310
PN-109	55	1533	12	175	.3	6	8	10	2.40	643	5	ND	2	59	1	99	2	2	.01	.009	2	5	.02	50	.01	9	.55	.01	.15	1	90
PN-110	680	504	7	15	.2	2	4	13	2.47	242	5	ND	2	16	1	52	4	1	.01	.003	2	3	.01	60	.01	9	.36	.01	.13	1	77
PN-111	95	1737	9	88	.3	3	6	12	2.23	757	5	ND	1	16	1	94	7	2	.01	.002	2	1	.02	53	.01	12	.47	.01	.15	1	179
PN-112	102	1286	9	20	.2	9	7	9	2.35	563	5	ND	1	9	1	114	3	1	.01	.002	2	11	.03	55	.01	7	.43	.01	.15	1	210
PN-113	117	1863	12	71	.2	6	10	13	4.25	872	5	ND	2	17	1	98	2	3	.01	.002	2	4	.04	21	.01	8	.65	.01	.20	1	280
PN-114	702	2288	8	72	.6	6	7	7	1.90	922	5	ND	3	48	1	288	3	3	.01	.007	2	5	.02	67	.01	9	.75	.01	.12	1	230
PN-115	94	994	11	26	.5	1	5	20	1.47	640	5	ND	2	53	1	59	2	4	.01	.007	3	1	.04	105	.01	11	.65	.01	.13	2	143
PN-116	799	323	10	6	.3	2	4	11	1.87	340	5	ND	1	28	1	25	2	2	.01	.005	2	3	.01	140	.01	6	.47	.01	.13	1	103
PN-117	228	166	5	6	.5	1	1	31	1.52	651	5	ND	2	34	1	48	3	4	.01	.004	3	1	.06	136	.01	14	.47	.01	.22	1	310
PN-118	85	1739	6	42	.7	5	5	24	2.73	932	6	ND	3	20	1	40	2	5	.01	.003	2	8	.05	42	.01	8	.63	.01	.19	1	330
PN-119	79	1746	21	121	.4	1	8	22	2.93	984	5	ND	1	93	1	52	5	7	.01	.009	3	1	.05	47	.01	7	.87	.01	.18	1	410
PN-120	483	967	14	19	.4	3	3	16	1.87	1076	5	ND	2	45	1	63	2	4	.01	.006	2	1	.03	78	.01	9	.65	.01	.15	1	220
PN-121	149	1599	20	79	.5	5	10	11	1.82	952	5	ND	2	224	1	87	2	4	.01	.023	3	1	.02	61	.01	11	.81	.01	.13	1	128
PN-122	44	289	9	4	.1	1	3	11	.86	333	5	ND	1	50	1	75	2	2	.01	.005	2	1	.01	205	.01	8	.43	.01	.07	1	75
PN-123	125	1718	19	78	.6	3	3	6	.98	766	7	ND	2	49	1	279	2	3	.01	.006	4	1	.02	87	.01	10	.86	.01	.11	1	240
PN-124	43	664	10	18	.4	3	13	8	1.17	447	5	ND	1	142	1	91	2	3	.01	.011	2	1	.02	131	.01	7	.58	.01	.11	1	93
PN-125	58	266	9	10	.5	3	11	2	2.51	244	5	ND	2	23	1	35	3	2	.01	.003	2	1	.01	56	.01	6	.55	.01	.12	1	53
PN-126	76	143	4	6	2.0	4	6	5	1.58	186	5	ND	3	15	1	41	3	3	.01	.002	2	1	.01	96	.01	8	.41	.01	.11	1	60
PN-127	61	136	9	2	.6	1	3	11	1.18	420	5	ND	1	20	1	157	2	3	.01	.004	2	1	.01	222	.01	9	.50	.02	.14	1	46
PN-128	135	100	2	3	.4	2	3	16	1.52	191	5	ND	1	9	1	103	2	3	.01	.002	2	1	.02	184	.01	8	.31	.01	.16	1	100
PN-129	53	22	2	1	.4	1	1	6	.42	243	5	ND	1	111	1	148	2	5	.01	.009	4	6	.02	135	.01	9	.38	.01	.18	1	230
PN-130	58	735	12	12	.4	4	10	9	1.17	459	5	ND	2	34	1	85	2	3	.01	.006	2	1	.02	118	.01	6	.52	.01	.12	1	128
PN-131	279	1449	18	54	.7	6	13	19	3.29	968	5	ND	1	30	1	29	2	5	.01	.004	2	1	.05	15	.01	7	.70	.01	.18	1	310
PN-132	53	725	5	2	.1	4	5	3	2.60	467	5	ND	1	22	1	139	4	3	.01	.004	3	2	.03	53	.01	8	.58	.01	.15	1	260
PN-133	270	285	9	10	.9	1	2	6	.83	734	5	ND	1	24	1	77	2	4	.01	.004	2	1	.06	183	.01	10	.76	.01	.18	1	230
PN-134	340	4757	17	49	1.0	18	6	12	2.20	2463	5	ND	2	90	1	190	5	4	.01	.013	3	1	.02	53	.01	4	.62	.01	.09	1	850
PN-135	179	1241	13	47	.3	7	8	29	2.61	606	5	ND	2	70	1	21	7	5	.01	.007	3	1	.07	52	.01	9	.77	.01	.22	2	160
PN-137	25	311	9	15	.8	3	5	10	1.89	504	5	ND	3	33	1	31	2	5	.01	.007	2	1	.07	118	.01	7	.65	.01	.24	2	200
PN-138	41	798	15	26	1.1	1	7	11	2.25	541	5	ND	1	77	1	24	4	5	.01	.017	4	1	.08	68	.01	9	.86	.01	.27	1	360
STD C/AU-R	17	58	36	132	6.5	67	28	1036	4.02	37	18	7	37	47	17	18	19	57	.46	.083	39	56	.93	174	.06	32	1.99	.06	.13	12	520

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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
PN-139	18	172	5	21	.4	3	3	20	1.76	329	5	ND	1	18	1	31	2	3	.02	.003	2	3	.06	136	.01	6	.41	.01	.16	2	39
PN-140	209	152	12	5	.9	2	2	10	5.68	1125	5	ND	2	25	1	232	2	11	.01	.010	2	1	.02	130	.01	2	.33	.01	.16	1	106
PN-141	28	276	12	10	.6	3	3	11	2.85	472	5	ND	1	80	1	30	2	5	.01	.014	4	1	.06	132	.01	5	.58	.01	.19	1	145
PN-142	15	552	5	93	.3	4	10	24	5.34	223	5	ND	2	6	1	16	2	2	.01	.002	2	1	.02	28	.01	7	.28	.01	.15	1	44
PN-143	30	920	6	127	.4	4	8	15	2.73	432	5	ND	1	36	1	16	3	5	.01	.006	2	1	.08	68	.01	6	.65	.01	.20	1	55
PN-144	36	190	4	14	.2	1	1	20	1.27	380	5	ND	1	30	1	56	2	2	.01	.006	2	1	.01	169	.01	7	.37	.02	.13	1	24
PN-145	67	212	12	5	.6	3	1	17	.93	776	5	ND	1	57	1	5	3	5	.01	.009	2	1	.04	350	.01	7	.55	.01	.18	1	330
PN-146	7	680	11	59	.4	1	2	11	1.33	576	5	ND	1	31	1	24	2	4	.01	.004	2	1	.03	106	.01	11	.53	.01	.14	1	135
PN-147	19	630	5	52	.6	5	7	14	2.58	551	5	ND	1	20	1	45	2	2	.01	.004	2	6	.06	84	.01	11	.41	.01	.20	2	48
PN-148	17	623	12	63	.7	2	2	18	1.93	497	5	ND	1	29	1	23	2	4	.01	.004	2	1	.04	88	.01	8	.65	.01	.16	1	111
PN-149	131	339	6	15	.5	1	8	7	1.81	650	5	ND	2	19	1	32	2	3	.01	.004	3	2	.06	122	.01	6	.46	.01	.21	1	115
PN-150	21	23	20	3	1.4	1	1	33	.91	458	5	ND	2	10	1	32	2	3	.01	.002	2	2	.04	195	.01	14	.46	.01	.22	1	122
PN-151	22	1265	9	21	.8	1	5	8	1.55	1317	5	ND	1	35	1	41	2	4	.01	.006	2	2	.04	103	.01	7	.51	.01	.17	1	420
PN-152	15	130	14	6	1.8	1	2	22	1.70	588	5	ND	2	17	1	57	2	3	.01	.003	2	1	.03	224	.01	9	.44	.01	.18	1	240
PN-153	11	475	15	18	.4	1	6	14	2.68	369	5	ND	1	23	1	29	2	4	.01	.003	2	2	.06	79	.01	8	.65	.01	.19	1	100
PN-154	21	347	8	37	.1	2	9	27	2.60	213	5	ND	1	33	1	14	2	4	.01	.006	2	1	.11	72	.01	8	.77	.01	.26	1	52
PN-155	50	579	13	58	.2	1	5	7	1.47	616	5	ND	1	28	1	4	2	5	.01	.004	2	1	.06	115	.01	13	.60	.01	.18	1	136
PN-156	14	100	16	3	.3	1	1	13	1.14	778	5	ND	1	85	1	125	2	4	.01	.011	4	1	.02	156	.01	11	.52	.01	.13	1	320
RK-29	89	260	5	49	.2	1	4	10	.92	415	5	ND	1	41	1	3	2	3	.01	.007	2	2	.06	116	.01	7	.53	.01	.17	2	80
RK-30	69	36	5	4	.3	1	2	21	1.58	55	5	ND	2	78	1	4	2	4	.01	.010	4	1	.07	275	.01	12	.53	.01	.24	1	43
RK-31	62	28	11	17	.2	3	3	103	1.89	108	5	ND	1	51	1	6	2	33	.19	.028	4	6	.31	289	.06	12	.90	.03	.18	1	38
RK-32	34	15	13	3	.2	1	1	18	.56	212	5	ND	1	40	1	4	2	3	.01	.007	2	1	.07	80	.01	10	.52	.01	.18	1	46
RK-33	175	45	9	8	.4	1	1	30	.53	161	5	ND	1	51	1	4	2	4	.01	.007	2	1	.06	110	.01	8	.42	.01	.17	1	71
RK-34	102	98	13	10	.3	1	2	20	.87	493	5	ND	2	29	1	7	2	3	.01	.004	5	1	.07	311	.01	8	.47	.02	.19	1	78
RK-35	40	15	7	2	.1	1	1	9	.59	81	5	ND	1	9	1	2	2	2	.01	.002	2	2	.06	97	.01	10	.45	.01	.18	1	24
RK-36	30	71	7	9	.4	2	5	23	1.33	121	5	ND	2	17	1	5	2	3	.01	.003	2	3	.11	222	.01	3	.68	.01	.28	1	38
RK-37	81	87	11	8	.5	2	2	10	.83	229	5	ND	1	55	1	5	2	4	.01	.008	2	1	.08	197	.01	14	.54	.01	.21	1	106
RK-38	66	18	15	2	.7	1	1	15	.63	263	5	ND	1	97	1	7	2	5	.01	.014	5	1	.11	106	.01	9	.67	.01	.26	1	220
RK-39	80	1055	13	85	.6	2	1	10	.95	609	5	ND	1	23	1	81	2	4	.01	.006	2	1	.04	72	.01	11	.49	.01	.13	1	159
RK-40	122	58	3	3	.3	1	1	14	.61	301	5	ND	1	69	1	37	3	5	.01	.011	5	1	.13	184	.01	10	.79	.01	.32	1	109
RK-41	111	754	7	45	.6	1	2	17	.89	417	5	ND	2	26	1	4	2	4	.01	.005	3	1	.14	164	.01	7	.84	.01	.33	2	65
RK-42	222	166	5	6	.3	1	1	15	.68	748	6	ND	1	148	1	130	2	5	.01	.023	5	1	.12	212	.01	8	.78	.01	.30	1	133
RK-43	98	191	6	13	.6	1	2	14	1.17	355	6	ND	1	73	1	6	2	4	.01	.010	3	3	.09	163	.01	9	.73	.01	.21	2	74
RK-44	14	294	8	30	.4	2	8	16	3.75	142	5	ND	1	11	1	9	2	2	.01	.003	2	1	.04	29	.01	7	.46	.01	.17	1	22
RK-45	133	835	17	75	.9	1	4	11	.67	690	5	ND	1	95	1	7	2	4	.01	.019	3	1	.06	148	.01	10	.73	.01	.18	1	134
RK-46	86	180	10	25	.5	1	1	10	.67	463	5	ND	1	145	1	5	2	7	.02	.029	4	1	.11	290	.01	9	1.02	.01	.25	2	68
STD C/AU-R	18	58	37	132	6.5	68	28	1037	4.03	36	18	8	36	47	17	17	18	56	.46	.087	39	57	.91	172	.06	33	1.97	.06	.13	12	515

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
RK-47	4	32	4	3	.2	1	1	11	1.83	40	5	ND	1	31	1	4	2	2	.01	.007	2	1	.03	225	.01	23	.48	.01	.15	1	12
RK-48	92	1174	9	69	.4	2	10	20	2.22	537	5	ND	1	57	1	8	3	5	.01	.009	2	2	.14	57	.01	12	.96	.01	.32	1	120
RK-49	22	206	5	13	.3	2	12	13	4.50	91	5	ND	1	24	1	9	2	3	.01	.005	2	1	.02	16	.01	4	.38	.01	.12	1	34
RK-50	1	65	10	99	.1	3	16	1026	5.44	6	5	ND	1	330	1	2	4	139	2.21	.119	10	6	1.21	216	.29	3	4.20	.14	.14	1	1
RK-51	1	177	13	84	.1	8	21	1013	5.61	4	5	ND	3	354	1	2	2	163	2.74	.160	11	10	.96	257	.25	6	3.69	.34	.28	1	2
RK-52	1	91	16	98	.1	7	19	1209	5.56	3	8	ND	1	114	1	2	2	140	1.15	.113	9	10	2.54	258	.21	2	4.76	.51	.23	1	1
RK-53	1	48	19	89	.1	3	15	1047	4.62	4	5	ND	1	618	1	2	2	109	3.60	.140	9	2	1.13	282	.21	10	6.03	.25	.29	1	1
RK-54	1	109	12	84	.1	10	22	1090	6.17	8	5	ND	3	284	1	2	2	182	2.28	.171	11	13	.92	205	.14	5	3.93	.48	.14	1	6
RK-55	1	43	13	78	.1	6	17	1086	5.49	3	7	ND	4	238	1	2	5	157	2.05	.148	21	5	.81	168	.26	9	2.04	.10	.17	1	1
RK-56	1	31	17	75	.1	1	15	914	4.48	5	9	ND	4	329	1	5	2	132	1.60	.184	16	3	.74	136	.20	8	1.95	.17	.19	1	1
RK-57	1	19	20	95	.1	1	9	1228	4.42	3	5	ND	5	277	1	2	2	99	1.57	.162	22	4	.65	374	.22	5	1.92	.07	.17	1	2
RK-58	1	20	14	87	.1	5	17	941	5.32	2	6	ND	6	378	1	2	2	140	1.90	.200	22	6	.93	182	.16	7	1.66	.11	.17	1	3
RK-59	1	21	20	93	.1	3	15	1110	5.07	6	5	ND	3	94	1	2	2	127	1.00	.197	22	9	1.52	229	.19	5	5.55	2.03	.17	1	1
RK-60	1	67	13	83	.1	11	20	962	5.26	10	5	ND	4	100	1	2	5	145	3.04	.153	18	19	1.80	162	.19	7	4.70	1.42	.28	1	1
RK-61	1	126	16	89	.1	10	21	866	5.52	6	6	ND	3	177	1	2	2	235	1.90	.148	12	6	1.43	275	.36	2	4.22	.95	.10	1	1
RK-62	1	36	14	85	.1	10	19	1196	5.59	6	5	ND	5	92	1	2	2	133	1.52	.179	19	13	1.63	201	.12	3	5.43	1.70	.27	1	1
RK-63	1	107	22	67	.1	11	19	720	5.37	6	6	ND	6	1219	1	2	2	158	2.66	.206	18	32	.81	172	.18	6	4.66	.64	.12	1	1
RK-64	1	112	11	92	.2	4	17	1195	5.60	9	5	ND	1	70	1	2	2	116	3.27	.137	14	6	2.02	98	.06	9	3.13	.02	.11	1	1
RK-65	1	1358	16	115	.2	5	20	2168	6.09	7	5	ND	1	62	1	2	2	160	2.12	.081	8	4	3.61	290	.29	9	3.42	.05	.17	1	1
RK-66	1	55	26	74	.1	4	15	912	4.66	3	5	ND	7	388	1	2	2	163	3.89	.198	22	11	.80	93	.21	4	5.67	.29	.12	1	2
RK-67	1	74	21	74	.1	2	14	981	4.82	2	5	ND	5	428	1	2	2	137	1.29	.210	19	5	.70	98	.22	2	5.40	1.81	.16	1	1
RK-68	1	37	18	72	.1	9	15	945	4.25	3	5	ND	4	140	1	2	2	124	1.40	.138	15	16	1.51	88	.22	9	3.17	.57	.07	2	1
RK-69	1	39	18	62	.1	9	18	921	4.41	6	5	ND	4	643	1	3	6	113	1.56	.169	14	17	1.11	476	.17	2	3.90	.59	.11	1	1
RK-70	1	13	15	67	.1	44	12	468	3.11	2	5	ND	1	22	1	2	2	29	.94	.043	9	20	.58	50	.01	3	1.60	.02	.11	1	1
RK-71	17	717	12	49	.1	1	6	27	3.69	351	5	ND	1	33	1	35	2	4	.02	.005	2	2	.03	23	.01	10	.41	.01	.14	2	126
RK-72	74	986	14	53	.7	2	3	21	1.49	835	5	ND	1	27	1	52	2	3	.02	.005	2	1	.03	93	.01	9	.37	.01	.11	2	320
RK-73	33	1047	23	98	.6	1	2	12	1.31	1263	5	ND	1	108	1	36	2	5	.01	.018	2	2	.06	171	.01	12	.59	.01	.20	1	410
RK-74	100	193	11	9	.6	1	1	6	.49	484	5	ND	2	24	1	113	2	3	.01	.004	3	1	.04	142	.01	11	.41	.01	.18	1	220
RK-75	28	402	11	32	.7	1	1	15	1.78	745	5	ND	1	17	1	43	6	2	.01	.003	2	1	.02	116	.01	9	.35	.01	.14	1	280
RK-76	25	110	12	4	.5	1	2	21	4.27	719	5	ND	1	54	1	91	2	25	.01	.021	2	1	.02	157	.01	8	.35	.01	.18	1	360
RK-77	29	75	11	4	.5	1	1	13	.46	476	5	ND	1	43	1	48	2	3	.01	.008	2	1	.03	1084	.01	8	.40	.01	.15	1	280
RK-78	29	1536	10	34	.3	1	8	24	1.88	795	5	ND	2	19	1	32	2	6	.01	.005	2	1	.14	96	.01	6	.70	.01	.28	1	255
RK-79	25	14	4	2	.1	1	1	10	.90	14	5	ND	2	82	1	2	2	2	.01	.017	5	1	.01	389	.01	7	.29	.01	.13	1	19
RK-80	21	57	7	3	.2	1	3	4	1.91	114	5	ND	1	44	1	6	2	2	.01	.011	2	2	.02	227	.01	6	.41	.01	.12	1	58
RK-81	24	1106	11	22	.3	1	2	18	1.07	1067	5	ND	1	70	1	219	2	7	.01	.016	2	1	.11	170	.01	5	.84	.01	.23	1	540
RK-82	24	2033	13	95	2.3	1	5	29	2.16	1346	5	ND	1	25	1	63	2	2	.01	.004	2	1	.02	54	.01	8	.23	.01	.10	1	330
STD C/AU-R	18	58	38	132	7.2	67	28	1083	4.00	40	17	8	36	48	18	17	18	57	.46	.087	39	57	.91	176	.06	32	1.98	.06	.14	13	480

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
RK-83	19	1667	9	55	1.0	1	5	24	2.22	832	5	ND	2	54	1	110	2	6	.01	.009	2	1	.10	46	.01	7	.69	.01	.24	1	355
RK-84	35	344	6	16	.8	1	5	22	2.48	595	5	ND	2	13	1	21	2	6	.01	.002	2	1	.08	32	.01	8	.57	.01	.25	1	545
RK-85	25	1411	14	45	.8	1	2	18	.86	1316	5	ND	1	59	1	29	2	6	.01	.010	3	1	.12	144	.01	8	.81	.01	.26	2	495
RK-86	67	1674	14	70	1.5	1	5	23	1.35	1612	5	ND	2	40	1	37	2	3	.01	.008	2	2	.03	97	.01	13	.49	.01	.15	1	560
RK-87	40	739	9	14	1.2	4	11	14	5.93	656	5	ND	1	14	1	36	4	5	.01	.002	2	1	.05	10	.01	9	.59	.01	.14	1	235
RK-88	41	1014	14	32	.8	1	3	7	.92	669	5	ND	1	83	1	18	3	4	.01	.013	2	1	.03	113	.01	6	.74	.01	.12	1	156
RK-89	35	153	7	7	.1	1	4	4	1.48	298	5	ND	1	64	1	6	2	2	.01	.009	2	1	.05	118	.01	7	.50	.01	.15	1	2
RK-90	38	319	10	36	.5	1	5	22	1.93	760	5	ND	1	37	1	6	2	6	.01	.008	2	1	.13	31	.01	5	.71	.01	.26	1	154
RK-91	9	122	6	3	.3	3	8	10	3.22	44	6	ND	3	25	1	2	3	2	.01	.006	2	2	.01	23	.01	7	.32	.01	.14	1	31
RK-92	13	477	11	23	.1	1	8	9	2.51	281	5	ND	2	26	1	14	2	2	.01	.002	3	2	.01	22	.01	5	.47	.02	.09	1	44
RK-93	15	25	15	3	.4	1	1	9	1.32	52	5	ND	1	69	1	6	2	2	.01	.015	5	1	.02	378	.01	9	.37	.02	.14	1	38
RK-94	179	1553	17	72	1.0	1	15	19	3.48	693	5	ND	1	16	1	20	2	3	.01	.003	2	1	.04	11	.01	8	.40	.01	.18	1	176
RK-95	35	24	11	2	.1	1	3	10	2.35	128	5	ND	1	58	1	7	2	3	.01	.016	2	3	.02	45	.01	5	.36	.01	.14	1	44
RK-96	63	50	13	7	.3	2	1	25	1.00	300	5	ND	1	19	1	14	2	3	.01	.004	2	1	.04	223	.01	7	.48	.01	.21	1	136
RK-97	33	158	18	17	.7	2	3	8	1.69	228	5	ND	1	32	1	3	2	3	.01	.008	3	1	.03	116	.01	5	.47	.01	.14	1	41
RK-98	140	566	9	50	.6	2	5	18	1.98	430	5	ND	3	14	1	3	2	3	.01	.008	5	1	.05	48	.01	7	.53	.01	.18	1	76
RK-99	162	74	3	5	.3	1	2	10	1.24	100	5	ND	1	29	1	2	2	2	.01	.005	2	1	.03	272	.01	6	.46	.01	.15	1	43
RK-100	22	206	12	4	1.4	1	1	14	.86	1123	5	ND	2	101	1	5	2	5	.01	.019	4	1	.08	246	.01	8	.71	.01	.23	1	795
RK-101	2	6	2	3	.1	27	7	15	3.02	3	5	ND	1	16	1	2	3	3	.01	.002	2	5	.01	24	.01	3	.28	.01	.14	1	9
RK-102	4	5	4	2	.1	10	8	17	5.85	12	5	ND	1	9	1	4	3	3	.01	.001	2	2	.01	7	.01	10	.56	.01	.06	1	10
RK-103	4	9	2	3	.1	7	8	8	3.28	8	5	ND	3	7	1	5	2	3	.01	.001	2	3	.01	25	.01	7	.53	.01	.08	1	19
RK-104	9	48	5	4	.1	17	14	10	4.85	27	5	ND	1	16	1	6	2	3	.01	.002	2	3	.01	7	.01	8	.52	.01	.08	1	25
RK-105	6	22	4	5	.1	3	16	12	5.51	5	5	ND	1	58	1	2	2	2	.01	.005	3	1	.02	11	.01	4	.29	.01	.15	1	17
RK-106	7	12	3	5	.1	10	13	17	6.42	6	5	ND	1	19	1	2	4	2	.01	.002	2	1	.01	9	.01	4	.42	.01	.07	1	15
RK-107	2	216	6	25	.1	1	9	8	4.34	87	5	ND	1	34	1	6	2	1	.01	.004	3	1	.01	15	.01	6	.37	.01	.09	2	27
RK-108	6	290	3	32	.1	6	9	14	6.33	99	5	ND	1	31	1	26	5	1	.01	.004	2	2	.01	10	.01	9	.42	.01	.10	1	56
RK-109	18	14	4	4	.1	12	10	13	4.02	23	5	ND	1	19	1	4	2	2	.01	.002	2	2	.02	13	.01	7	.38	.01	.11	1	13
RK-110	4	29	5	5	.1	1	5	22	3.93	9	5	ND	1	36	1	4	2	2	.01	.006	3	1	.02	15	.01	3	.33	.01	.15	1	9
RK-111	1	39	7	35	.1	5	5	392	2.38	33	5	ND	4	62	1	2	2	22	.95	.020	8	2	.42	125	.01	5	.61	.03	.10	1	12
RK-112	4	39	7	6	.1	1	4	11	2.57	35	5	ND	1	17	1	8	3	2	.01	.002	3	2	.01	31	.01	10	.35	.02	.10	1	29
RK-113	4	316	8	15	.1	4	11	13	4.75	201	5	ND	1	19	1	17	3	2	.01	.003	2	2	.01	8	.01	6	.42	.02	.09	1	35
RK-114	3	12	3	4	.3	4	8	12	4.77	13	5	ND	1	16	1	5	2	2	.01	.002	2	1	.01	6	.01	7	.46	.01	.06	1	37
RK-115	3	412	6	22	.3	3	9	9	3.61	252	5	ND	2	15	1	42	4	2	.01	.001	3	1	.01	10	.01	8	.42	.02	.09	2	33
RK-116	4	29	6	2	.2	1	1	14	1.77	56	5	ND	1	17	1	24	2	2	.01	.004	3	1	.01	276	.01	8	.36	.02	.13	1	29
RK-117	10	10	2	4	.1	2	6	8	3.27	8	5	ND	1	43	1	3	6	2	.01	.004	2	1	.01	17	.01	5	.40	.01	.09	1	21
RK-113	14	52	4	6	.1	1	4	10	2.11	20	5	ND	1	120	1	16	4	2	.01	.009	4	1	.01	53	.01	5	.31	.02	.15	1	8
STD C/AU-R	18	58	40	132	6.5	69	29	1039	4.11	41	18	7	37	47	17	18	22	58	.46	.088	40	57	.91	176	.07	33	2.02	.06	.13	12	480

LACANA MINING CORP. PROJECT 6329 FILE # 88-2926

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
RK-119	13	15	6	5	.1	3	5	11	4.12	2	5	ND	1	14	1	8	3	1	.01	.002	2	1	.01	29	.01	5	.41	.01	.07	1	36
RK-120	12	75	5	10	.1	1	10	16	4.95	85	5	ND	2	45	1	23	3	1	.01	.004	3	1	.02	15	.01	11	.34	.02	.16	1	52
RK-121	4	49	5	6	.1	1	6	11	3.38	30	5	ND	2	37	1	21	2	2	.01	.007	3	1	.01	44	.01	13	.32	.01	.14	1	27
RK-122	31	5363	13	48	1.1	5	26	19	2.57	2123	5	ND	1	28	1	201	2	7	.01	.002	2	1	.09	26	.01	12	.82	.01	.23	1	525
RK-123	3	433	6	52	.2	1	7	7	2.72	255	5	ND	1	20	1	251	2	2	.01	.002	2	1	.01	32	.01	10	.41	.01	.08	2	139
RK-124	3	601	3	86	.2	1	7	15	3.26	318	5	ND	1	54	1	63	2	2	.01	.004	2	1	.01	22	.01	7	.46	.02	.10	1	32
RK-125	4	76	5	5	.2	1	2	9	1.36	199	5	ND	1	19	1	119	2	2	.01	.003	2	2	.01	221	.01	11	.34	.02	.13	1	48

APPENDIX 2

SILT SAMPLE ASSAYS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DATE RECEIVED: SEP 10 1988 DATE REPORT MAILED: Sept 17/88 ASSAYER. C. Leong ...D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

LACANA MINING CORP. PROJECT 6329 File # 88-4378 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
STML-1-88	1	18	12	75	.2	25	15	1332	3.34	8	5	ND	1	72	1	4	3	50	.45	.064	5	22	.20	425	.01	6	.87	.01	.09	1	3
STML-2-88	3	30	10	101	.6	13	8	2662	2.07	18	37	ND	1	121	1	2	2	39	1.00	.161	42	12	.29	553	.01	3	1.78	.01	.06	2	1
STML-4-88	1	11	18	90	.1	7	8	402	2.32	11	5	ND	2	96	1	2	2	48	.72	.123	20	9	.56	387	.02	3	1.75	.02	.07	2	1
STML-5-88	1	13	19	91	.1	15	11	1447	4.26	14	5	ND	3	72	1	2	2	64	.69	.143	29	16	.34	400	.01	5	1.73	.01	.07	1	1
STML-6-88	2	15	12	115	.1	15	12	2561	4.80	20	5	ND	3	85	1	2	3	63	.86	.163	34	14	.33	471	.01	4	1.69	.02	.08	1	2
STML-7-88	2	16	16	92	.2	14	11	1863	3.95	16	5	ND	3	84	1	2	3	60	.87	.162	33	14	.31	449	.01	3	1.66	.01	.07	1	1
STML-8-88	2	11	10	152	.4	17	17	3922	6.97	15	5	ND	3	111	1	2	2	54	.89	.181	17	16	.27	449	.01	4	2.06	.01	.07	1	1
STML-9-88	1	18	14	94	.2	22	12	1377	3.38	14	5	ND	2	93	1	2	2	53	.74	.084	22	19	.45	502	.01	3	2.20	.01	.11	1	2
STML-10-88	4	21	29	175	.7	11	14	4005	5.16	32	5	ND	3	97	1	2	2	77	.86	.189	25	11	.22	336	.01	5	1.20	.01	.09	1	1
STML-11-88	1	20	15	89	.1	27	13	1464	4.08	15	5	ND	1	84	1	2	2	85	.53	.084	10	19	.37	357	.02	5	1.63	.04	.13	1	4
STML-12-88	1	23	16	90	.2	25	11	1204	3.74	20	5	ND	1	103	1	2	3	61	.72	.099	11	22	.35	539	.01	5	1.79	.01	.11	1	1
STML-13-88	1	23	8	66	.9	14	6	238	1.74	16	8	ND	1	62	1	2	2	28	.61	.199	23	17	.23	420	.01	3	2.54	.01	.05	1	21
STML-14-88	1	13	15	86	.1	21	12	1795	4.28	16	5	ND	1	81	1	2	2	55	.89	.087	12	15	.35	453	.02	3	1.77	.02	.06	1	9
STML-16-88	5	28	44	24	1.8	11	3	38	2.05	22	5	ND	2	55	1	15	2	7	.01	.013	3	5	.01	95	.01	6	.21	.01	.09	67	47
STML-17-88	1	19	12	101	.3	22	12	2931	3.66	18	5	ND	1	124	1	2	2	47	1.58	.115	14	16	.40	596	.01	4	1.97	.01	.11	2	29
STD C/AU-S	18	59	45	132	6.8	67	30	1026	4.12	41	22	8	38	47	18	16	21	59	.49	.095	39	53	.91	177	.07	32	1.98	.06	.14	13	51
STML-18-88	1	25	14	117	.1	26	15	5471	4.06	5	5	ND	1	98	1	2	2	73	1.18	.099	10	19	.39	771	.03	4	1.73	.01	.08	1	1
STML-23-88	1	49	75	191	.2	37	26	817	3.08	57	5	ND	1	39	1	2	2	44	.25	.058	7	19	.11	232	.01	5	1.05	.01	.05	1	10
STML-24-88	1	26	12	97	.1	24	12	2169	3.35	12	5	ND	1	108	1	2	2	59	.95	.091	15	21	.44	558	.02	4	2.07	.01	.08	1	1
STML-25-88	1	19	10	120	.6	29	12	5434	3.22	11	5	ND	1	105	1	2	2	47	.94	.149	19	19	.30	641	.01	5	1.90	.01	.06	1	1
STML-26-88	1	41	18	111	.1	20	12	1214	4.53	18	5	ND	1	102	1	2	2	119	.98	.087	10	16	.67	246	.07	4	2.62	.13	.12	1	1
STML-27-88	1	45	13	113	.1	10	16	1319	5.59	7	5	ND	1	220	1	2	2	143	1.28	.142	11	12	1.05	349	.08	4	3.26	.11	.13	1	1
STML-N-3-88	1	70	67	302	.4	13	18	1141	3.98	23	9	ND	1	49	1	2	2	56	.28	.100	19	15	.30	177	.01	3	1.63	.01	.08	1	9
STD C/AU-S	19	60	42	133	6.9	69	30	1024	4.09	43	23	8	38	48	19	16	19	59	.49	.096	40	58	.91	180	.07	32	1.99	.06	.15	12	48

APPENDIX 3

ROCK SAMPLE ASSAYS(TRENCHING)

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DATE RECEIVED: OCT 17 1988 DATE REPORT MAILED: Oct 20/88 SIGNED BY. . . . . . . .D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

LACANA MINING CORP. PROJECT ~~6329~~ 1613 File # 88-5253 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
C 97501	6	12	41	6	.9	3	4	7	2.70	14	6	ND	5	70	1	2	2	4	.01	.001	2	2	.01	14	.01	2	.58	.01	.02	1	2
C 97502	63	3743	16	63	.3	7	13	16	2.52	1484	5	ND	3	34	1	78	2	8	.02	.004	2	4	.11	20	.01	9	.78	.01	.25	2	255
C 97503	81	3237	10	55	1.1	6	20	16	2.87	1246	7	ND	4	19	1	112	2	5	.01	.002	2	3	.07	12	.01	6	.58	.01	.18	1	270
C 97504	102	3737	11	46	.5	7	31	11	3.09	1311	5	ND	3	13	1	98	4	5	.01	.001	2	4	.08	12	.01	10	.57	.01	.22	1	245
C 97505	128	4505	15	67	.8	10	33	16	4.33	1762	5	ND	2	15	1	80	2	6	.01	.002	2	3	.08	13	.01	9	.63	.01	.21	2	350
C 97506	38	3727	15	36	1.3	6	18	19	3.37	1366	5	ND	3	8	1	128	2	6	.01	.001	2	3	.06	12	.01	9	.63	.01	.21	2	535
C 97507	54	4706	17	76	1.3	5	22	13	3.09	1928	5	ND	3	21	1	196	2	5	.01	.002	2	2	.08	16	.01	8	.64	.01	.23	2	425
C 97508	185	4345	11	167	1.2	9	22	18	3.50	1776	5	ND	3	12	1	286	2	5	.01	.001	2	4	.06	11	.01	6	.50	.01	.19	1	300
C 97509	91	3161	10	62	.7	15	23	17	3.20	1173	5	ND	2	16	1	137	2	5	.01	.003	2	5	.04	12	.01	13	.47	.01	.15	1	200
C 97510	7	156	7	7	.3	13	10	12	4.05	59	5	ND	3	16	1	19	2	3	.01	.003	2	5	.01	25	.01	5	.51	.01	.08	1	15
C 97511	273	302	11	8	.5	8	3	25	2.32	114	5	ND	2	11	1	102	2	3	.01	.001	2	8	.01	170	.01	5	.24	.01	.13	1	95
C 97512	302	350	13	10	4.1	8	3	23	2.60	321	5	ND	2	6	1	392	3	3	.01	.001	2	8	.01	86	.01	7	.20	.01	.11	1	355
C 97513	157	47	8	5	2.6	5	1	20	1.18	229	5	ND	2	5	1	243	3	4	.01	.001	2	7	.01	100	.01	5	.17	.01	.09	1	210
C 97514	159	139	7	6	.7	7	2	30	1.50	161	5	ND	2	14	1	124	2	4	.01	.002	2	7	.02	243	.01	6	.26	.01	.12	1	121
C 97515	151	229	6	8	.5	7	1	20	1.16	287	5	ND	2	8	1	93	2	3	.01	.001	2	6	.01	95	.01	6	.23	.01	.12	1	130
C 97516	260	324	8	9	.3	8	1	22	1.04	632	5	ND	1	16	1	133	2	5	.01	.003	2	9	.01	105	.01	6	.27	.01	.10	1	315
C 97517	227	3406	13	90	.9	7	7	22	2.10	1391	5	ND	3	16	1	339	2	4	.02	.003	2	2	.03	37	.01	8	.48	.01	.12	1	280
C 97518	176	2094	11	44	.6	5	4	12	1.54	1039	5	ND	1	19	1	256	4	3	.01	.004	2	4	.03	70	.01	8	.47	.01	.17	2	295
C 97519	300	2016	4	32	.6	3	2	5	1.07	772	5	ND	2	11	1	211	2	2	.01	.001	2	1	.01	95	.01	4	.25	.01	.11	1	186
C 97520	233	354	7	40	.8	1	3	17	1.57	586	5	ND	2	13	1	186	4	3	.01	.001	3	2	.02	192	.01	7	.27	.01	.13	2	169
C 97521	162	726	10	30	1.0	1	3	12	1.49	474	6	ND	2	9	1	162	3	3	.01	.002	2	2	.01	126	.01	6	.30	.01	.13	3	325
C 97522	232	5145	11	187	1.0	16	8	15	2.78	1871	5	ND	2	11	1	353	2	3	.01	.001	2	3	.02	23	.01	8	.29	.01	.12	1	405
C 97523	214	1335	27	80	1.0	6	7	8	2.27	869	5	ND	1	13	1	154	2	3	.01	.003	2	2	.02	51	.01	11	.34	.01	.12	1	250
C 97524	160	609	11	42	.9	3	6	11	2.24	702	5	ND	1	17	1	106	3	4	.01	.004	2	1	.02	54	.01	6	.37	.01	.12	1	235
C 97525	269	3947	17	190	.9	4	13	13	3.67	1654	5	ND	1	15	1	151	2	3	.01	.002	2	2	.02	25	.01	9	.48	.01	.13	3	270
C 97526	162	2998	13	267	.5	4	11	10	3.58	1175	5	ND	2	20	1	166	2	4	.01	.004	2	1	.03	18	.01	6	.50	.01	.12	1	330
C 97527	866	145	11	8	.4	1	3	22	2.11	156	5	ND	1	8	1	114	2	3	.01	.001	2	3	.01	144	.01	4	.19	.01	.10	1	210
C 97528	189	230	2	9	.5	3	2	26	2.08	254	5	ND	1	11	1	335	2	3	.01	.001	2	3	.01	140	.01	5	.23	.01	.13	1	123
C 97529	153	3064	11	92	.6	4	27	20	4.01	1140	5	ND	3	10	1	117	2	5	.03	.001	2	3	.06	11	.01	6	.47	.01	.19	2	530
C 97530	77	1430	11	72	.4	5	29	22	6.17	564	5	ND	2	8	1	52	4	3	.03	.001	2	1	.06	6	.01	5	.41	.01	.18	1	295
C 97531	281	3291	15	54	.4	6	33	25	6.13	1409	5	ND	1	17	1	87	3	6	.01	.004	2	2	.09	7	.01	7	.62	.01	.24	1	144
C 97532	75	4537	16	94	.9	11	34	32	6.39	1980	5	ND	2	19	1	86	2	5	.01	.001	2	2	.11	8	.01	10	.59	.01	.25	1	340
C 97533	115	3151	9	46	.4	4	27	20	3.46	1025	5	ND	1	19	1	64	2	3	.01	.003	2	3	.07	11	.01	8	.48	.01	.24	5	255
C 97534	152	33	2	5	.3	1	1	18	.66	323	5	ND	1	5	1	182	4	2	.01	.001	2	2	.01	89	.01	6	.15	.01	.09	1	230
C 97535	280	200	4	3	.1	1	2	21	1.58	239	5	ND	1	5	1	71	4	4	.01	.002	2	4	.01	210	.01	6	.22	.01	.12	1	101
C 97536	387	1354	4	30	.3	2	3	21	1.69	633	5	ND	1	13	1	261	2	2	.01	.003	3	1	.02	111	.01	7	.34	.01	.15	2	235
STD C/AU-R	18	58	38	132	7.1	66	30	1020	3.98	38	19	7	36	47	17	17	17	56	.46	.083	38	54	.89	171	.06	32	1.87	.06	.14	11	530

clay

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	
C 97537	160	150	5	4	.6	1	1	7	.73	473	7	ND	3	13	1	120	2	3	.01	.001	3	2	.01	159	.01	8	.35	.01	.13	1	360	qt vein
C 97538	169	586	9	56	1.0	1	2	6	1.25	855	8	ND	4	14	1	186	2	3	.01	.001	3	1	.02	179	.01	6	.38	.01	.14	1	380	qt vein
C 97539	176	77	6	3	.5	1	1	13	1.08	42	9	ND	3	7	1	28	2	3	.01	.002	3	1	.02	198	.01	8	.26	.01	.16	1	159	
STD C/AU-R	19	62	42	133	6.8	67	31	1029	4.30	45	21	8	40	50	18	16	22	61	.49	.099	39	59	.97	181	.07	34	2.01	.06	.13	12	510	

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-.-/16

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DATE RECEIVED: OCT 21 1988 DATE REPORT MAILED: Oct 26/88 SIGNED BY. C. Leong . . .D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

LACANA MINING CORP. PROJECT ~~6329~~ 1013 File # 88-5347 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
C 97540	160	539	8	15	1.0	2	4	3	1.10	642	5	ND	1	78	1	306	2	6	.01	.010	4	2	.05	210	.01	24	.89	.01	.22	1	240
C 97541	435	245	13	9	.2	2	1	8	.72	740	5	ND	2	70	1	309	2	6	.01	.009	4	2	.05	175	.01	19	.81	.01	.17	1	310
C 97542	357	5698	17	141	.9	5	6	4	1.43	2373	5	ND	1	90	1	812	2	5	.01	.012	4	2	.03	83	.01	15	.94	.01	.13	1	650
C 97543	143	1520	13	57	.1	5	9	12	2.75	936	5	ND	1	49	1	193	2	7	.01	.007	3	2	.03	47	.01	15	.92	.01	.13	1	270
C 97544	659	3856	13	163	.2	5	12	8	2.72	1626	5	ND	1	53	1	429	2	6	.01	.008	3	2	.03	47	.01	15	.90	.01	.14	1	460
C 97545	141	814	13	129	.3	3	4	2	1.64	707	5	ND	1	30	1	114	2	5	.01	.005	3	1	.02	86	.01	13	.73	.01	.14	1	290
C 97546	429	1650	10	87	.1	6	10	17	3.81	785	5	ND	2	15	1	160	2	5	.01	.003	3	2	.02	28	.01	16	.68	.01	.13	1	132
C 97547	89	1602	8	64	1.2	5	8	11	3.34	628	5	ND	1	32	1	239	2	3	.01	.005	4	2	.03	38	.01	17	.52	.01	.16	1	111
C 97548	53	1120	5	60	.2	5	11	3	3.76	515	5	ND	1	43	1	140	2	4	.01	.007	3	2	.03	34	.01	17	.59	.01	.16	1	114
C 97549	104	1604	9	48	.1	5	9	2	3.93	751	5	ND	1	25	1	245	2	4	.01	.004	2	2	.02	29	.01	13	.56	.01	.14	1	211
C 97550	103	1836	5	100	.3	6	11	2	3.81	770	5	ND	1	22	1	240	2	6	.01	.004	2	2	.03	42	.01	18	.68	.01	.18	1	170
C 97551	93	1794	8	135	1.0	5	7	10	3.57	744	5	ND	1	27	1	260	2	4	.01	.004	2	2	.02	29	.01	10	.51	.01	.15	1	143
C 97552	92	811	9	35	.2	5	11	6	4.85	570	5	ND	2	12	1	118	2	4	.01	.002	2	2	.02	34	.01	14	.55	.01	.17	1	136
C 97553	92	1517	8	93	.3	5	6	4	2.74	821	5	ND	2	20	1	215	2	5	.01	.004	3	2	.02	40	.01	17	.77	.01	.14	1	300
C 97554	96	5105	26	706	.5	7	35	21	9.94	3457	5	ND	1	38	1	138	2	4	.01	.005	2	2	.02	24	.01	11	.52	.01	.13	1	760
C 97555	120	730	8	24	.1	4	6	2	2.92	405	5	ND	1	20	1	64	2	4	.01	.004	3	2	.03	49	.01	15	.65	.01	.18	1	166
C 97556	126	787	5	47	.2	6	17	7	5.99	414	5	ND	1	17	1	55	2	4	.01	.003	2	2	.02	24	.01	11	.51	.01	.18	1	177
C 97557	126	602	13	60	.6	3	2	4	1.76	752	5	ND	2	58	1	94	3	5	.01	.007	4	2	.03	89	.01	13	.60	.01	.17	1	194
C 97558	94	1370	8	35	1.6	4	5	2	1.76	786	5	ND	1	30	1	153	2	4	.01	.004	3	2	.03	73	.01	14	.56	.01	.19	1	144
C 97559	147	1347	8	34	4.0	4	8	2	3.06	747	5	ND	1	36	1	134	2	5	.01	.004	3	2	.04	39	.01	16	.63	.01	.21	1	340
C 97560	126	2244	9	224	.4	6	10	7	3.82	1070	5	ND	1	50	1	136	2	4	.01	.006	3	2	.02	27	.01	12	.54	.01	.16	1	191
C 97561	233	2349	9	57	.4	6	14	7	4.14	1112	5	ND	2	34	1	210	2	6	.01	.004	3	3	.05	34	.01	17	.64	.01	.25	1	310
C 97562	152	2163	9	51	.3	4	9	5	2.56	915	5	ND	2	28	1	156	2	4	.01	.004	3	2	.03	26	.01	12	.56	.01	.17	1	200
C 97563	94	1064	8	38	.2	7	19	5	3.99	489	5	ND	2	40	1	72	2	5	.01	.006	2	3	.04	36	.01	14	.66	.01	.20	1	132
C 97564	112	1071	15	63	.2	3	12	9	2.29	726	5	ND	2	62	1	102	2	6	.01	.008	3	2	.03	45	.01	10	.73	.01	.14	1	240
C 97565	113	294	9	23	.3	3	3	5	2.53	278	5	ND	2	47	1	71	2	4	.01	.006	3	2	.03	71	.01	14	.64	.01	.16	1	200
C 97566	123	2630	17	162	.3	3	6	7	2.19	1084	5	ND	2	116	1	167	2	4	.01	.014	3	2	.03	58	.01	12	.63	.01	.15	1	260
C 97567	126	1226	36	179	.3	5	8	5	2.07	691	5	ND	2	70	1	89	2	6	.01	.010	4	2	.05	63	.01	10	.64	.01	.14	1	210
C 97568	56	1251	22	33	.2	2	7	11	2.12	923	5	ND	2	66	1	102	2	5	.01	.009	4	2	.05	65	.01	10	.69	.01	.16	1	320
C 97569	172	5249	25	244	.5	2	10	7	3.87	2240	5	ND	2	48	1	526	2	4	.01	.007	2	1	.03	23	.01	10	.47	.01	.16	1	370
C 97570	155	2239	14	279	.3	2	7	10	3.94	844	5	ND	2	34	1	161	2	3	.01	.004	2	3	.02	21	.01	11	.42	.01	.15	1	200
C 97571	83	763	14	74	.1	5	38	7	8.84	376	5	ND	2	19	1	74	2	3	.01	.002	2	1	.01	11	.01	8	.37	.01	.12	1	260
C 97572	79	1535	12	198	.1	3	16	23	4.24	709	5	ND	2	22	1	69	2	5	.01	.007	2	4	.02	18	.01	10	.38	.01	.13	3	165
C 97573	114	2995	9	94	.3	2	9	13	2.87	858	5	ND	2	14	1	180	2	4	.01	.007	2	1	.03	32	.01	11	.49	.01	.15	1	168
C 97574	90	1913	16	75	1.0	7	12	9	4.44	712	5	ND	1	36	1	19	2	5	.01	.005	2	2	.03	28	.01	12	.54	.01	.16	3	135
C 97575	65	2803	27	211	1.1	13	23	608	8.20	1119	5	ND	3	30	1	31	2	19	.04	.005	2	2	.08	16	.01	9	.40	.01	.15	1	155
STD C/AU-R	17	58	44	132	6.5	68	29	1049	4.16	40	18	7	37	47	17	20	21	58	.50	.051	38	56	.94	173	.06	36	2.02	.06	.13	11	490

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
C 97576	53	4541	17	101	1.4	6	11	243	3.26	1492	5	ND	1	21	1	27	2	13	.01	.005	2	4	.03	21	.01	8	.37	.01	.16	2	203
C 97577	57	4167	16	56	1.5	7	14	19	4.26	1480	5	ND	1	32	1	24	2	3	.01	.003	2	1	.01	12	.01	8	.24	.01	.12	1	215
C 97578	47	7119	20	123	1.7	8	13	14	3.18	2353	5	ND	1	51	1	58	2	3	.01	.005	2	4	.01	19	.01	11	.35	.01	.13	3	505
C 97579	21	2102	14	84	.7	3	7	8	2.47	873	5	ND	1	25	1	35	2	3	.01	.004	2	1	.02	36	.01	11	.36	.01	.13	1	225
C 97580	23	5411	22	68	1.8	3	11	16	4.56	1566	5	ND	1	19	1	59	2	3	.01	.002	2	4	.02	10	.01	9	.29	.01	.13	3	325
C 97581	26	1570	13	84	.1	2	9	12	1.57	808	5	ND	2	50	1	36	2	5	.01	.010	3	1	.11	69	.01	10	.70	.01	.26	1	163
C 97582	111	1573	76	202	.9	4	16	13	4.66	884	5	ND	1	16	1	22	3	4	.01	.003	2	3	.05	13	.01	10	.48	.01	.19	2	175
C 97583	111	1586	21	177	.6	5	16	21	4.38	875	5	ND	2	17	1	22	2	4	.01	.004	2	1	.07	15	.01	9	.49	.01	.20	1	189
C 97584	30	483	17	82	.3	2	6	11	2.01	397	5	ND	1	9	1	14	2	3	.01	.002	2	2	.04	52	.01	9	.38	.01	.17	1	96
C 97585	30	1629	13	221	1.9	3	18	13	4.22	893	6	ND	2	5	1	16	2	3	.01	.001	2	1	.05	16	.01	7	.37	.01	.19	1	142
C 97586	42	1076	13	87	.6	3	11	11	3.74	573	5	ND	1	23	1	21	2	4	.01	.006	2	3	.06	18	.01	11	.52	.01	.22	2	95
C 97587	69	1284	8	61	.6	3	12	13	2.90	731	5	ND	1	23	1	46	2	3	.01	.006	2	1	.07	32	.01	11	.49	.01	.23	1	89
C 97588	35	371	7	25	.2	3	11	13	4.54	200	5	ND	1	6	1	21	2	4	.01	.002	2	3	.04	13	.01	8	.38	.01	.19	2	101
C 97589	57	1269	15	199	.8	3	11	39	4.34	673	5	ND	2	8	1	25	2	3	.01	.002	2	1	.04	15	.01	10	.38	.01	.18	1	173
C 97590	36	938	36	693	2.7	3	9	17	5.57	482	5	ND	2	28	3	33	3	4	.01	.006	2	3	.04	12	.01	9	.44	.01	.20	2	750
C 97591	35	1083	8	80	1.3	2	9	24	2.71	512	5	ND	1	10	1	33	2	3	.01	.002	2	1	.05	34	.01	9	.41	.01	.20	1	125
C 97592	47	161	11	15	.6	2	6	13	2.84	170	5	ND	1	23	1	22	2	4	.01	.005	2	2	.05	24	.01	8	.45	.01	.20	2	173
C 97594	31	889	6	56	1.8	3	15	16	4.45	412	6	ND	1	10	1	29	2	3	.01	.002	2	1	.05	16	.01	9	.41	.01	.20	1	163
STD C/AU-R	18	57	39	132	7.2	67	29	1042	3.97	41	22	7	37	47	17	17	18	57	.49	.091	38	56	.92	173	.06	36	1.93	.06	.14	12	495

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DATE RECEIVED: OCT 23 1988 DATE REPORT MAILED: Oct 28/88 SIGNED BY. C. Leong .D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

LACANA MINING CORP. PROJECT 6329 File # 88-5398 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
C 97593	144	714	17	32	.5	4	5	11	2.08	769	5	ND	1	76	1	55	2	5	.01	.009	3	2	.07	77	.01	9	.60	.01	.20	1	153
C 97595	120	1132	11	143	.1	6	10	14	3.73	547	5	ND	1	18	1	33	2	3	.01	.003	2	3	.06	17	.01	9	.47	.01	.20	1	109
C 97596	32	523	8	89	.2	6	10	6	3.45	256	5	ND	1	12	1	16	2	3	.01	.002	2	2	.05	17	.01	8	.40	.01	.15	1	70
C 97597	24	759	11	65	.1	5	9	12	2.66	424	5	ND	1	21	1	21	2	4	.01	.004	2	2	.08	32	.01	7	.52	.01	.19	1	91
C 97598	35	1356	14	144	.2	5	11	12	2.65	719	5	ND	1	39	1	40	2	4	.01	.006	2	2	.06	25	.01	8	.46	.01	.17	1	133
C 97599	25	2467	9	233	.2	6	14	10	4.78	1197	5	ND	1	20	1	72	2	2	.01	.003	2	2	.04	11	.01	8	.36	.01	.12	1	156
C 97600	65	855	10	45	.1	5	11	12	3.01	394	5	ND	1	20	1	20	2	3	.01	.004	2	2	.05	25	.01	7	.43	.01	.13	1	91
C 97601	26	682	10	49	.1	4	10	10	3.68	292	5	ND	1	23	1	25	2	2	.01	.004	2	2	.04	20	.01	8	.37	.01	.10	1	78
C 97602	15	286	13	18	.4	3	1	10	1.47	467	5	ND	1	31	1	23	2	4	.01	.005	2	2	.03	103	.01	8	.43	.01	.11	1	127
C 97603	16	299	13	15	1.2	4	4	6	1.34	351	5	ND	1	48	1	24	2	4	.01	.006	3	3	.04	113	.01	9	.46	.01	.14	1	121
C 97604	20	369	9	48	.1	5	12	6	2.53	210	5	ND	1	6	1	24	2	3	.01	.001	2	2	.03	24	.01	7	.33	.01	.12	1	103
C 97605	69	2737	14	156	.5	5	10	31	1.88	1270	5	ND	1	40	1	12	2	5	.01	.010	2	2	.04	53	.01	7	.45	.01	.17	1	210
C 97606	44	1345	17	45	.8	5	2	12	1.59	1649	5	ND	1	92	1	121	2	6	.01	.016	3	3	.06	88	.01	9	.76	.01	.14	1	530
C 97607	46	162	15	13	.2	2	1	4	.81	398	5	ND	1	130	1	37	2	6	.01	.013	3	2	.06	237	.01	9	.75	.01	.15	1	109
C 97608	72	1194	12	118	.5	5	5	8	2.35	723	5	ND	1	34	1	38	2	6	.01	.005	2	2	.07	35	.01	9	.62	.01	.19	1	230
C 97609	46	1673	11	26	1.1	4	7	8	1.99	705	5	ND	1	46	1	178	2	6	.01	.010	2	2	.03	40	.01	8	.61	.01	.13	1	290
C 97610	8	1761	7	129	.1	5	6	882	4.91	643	5	ND	2	62	1	9	2	34	.03	.015	3	4	.10	67	.01	8	.66	.01	.17	1	120
C 97611	37	2480	9	68	.2	5	5	18	2.00	902	5	ND	2	64	1	65	2	7	.01	.017	3	3	.06	65	.01	7	.65	.01	.16	1	280
C 97612	55	986	12	51	.9	5	8	12	3.39	735	5	ND	2	48	1	33	2	6	.01	.008	2	2	.09	22	.01	12	.68	.01	.21	1	191
C 97613	29	957	3	64	1.0	2	7	12	2.62	761	5	ND	2	45	1	65	2	5	.01	.013	2	12	.06	38	.01	8	.49	.01	.19	1	134
C 97614	107	2121	20	124	.7	5	11	12	2.56	910	5	ND	1	64	1	87	2	8	.01	.014	3	4	.07	36	.01	11	.66	.01	.21	1	138
C 97615	41	1935	17	198	.9	3	4	29	1.80	922	5	ND	2	71	1	85	2	6	.01	.015	2	8	.04	54	.01	11	.75	.01	.15	1	310
C 97616	31	1893	7	125	.2	5	9	10	3.22	855	5	ND	1	51	1	35	2	7	.01	.013	2	2	.05	24	.01	10	.70	.01	.17	1	165
C 97617	25	1530	6	63	.1	5	16	17	6.57	738	5	ND	1	23	1	24	2	5	.01	.011	2	19	.03	9	.01	10	.47	.01	.17	1	192
C 97618	26	2093	10	156	.5	5	6	10	1.72	1042	5	ND	2	45	1	45	2	3	.01	.010	3	3	.01	39	.01	12	.45	.01	.12	1	220
C 97619	18	1383	11	104	.8	3	5	10	1.84	762	6	ND	2	24	1	33	2	3	.01	.005	2	16	.02	33	.01	10	.47	.01	.14	1	210
C 97620	21	796	9	21	1.1	4	4	13	1.73	647	5	ND	1	28	1	50	2	4	.01	.005	2	3	.01	66	.01	9	.39	.01	.12	1	260
C 97621	14	1444	10	76	.8	4	7	15	2.32	827	5	ND	1	29	1	50	2	4	.01	.006	2	14	.02	34	.01	10	.43	.01	.15	1	200
C 97622	33	2416	12	202	.7	5	8	376	4.39	1078	5	ND	2	58	1	125	2	14	.02	.015	3	3	.05	22	.01	10	.46	.01	.15	1	380
C 97623	30	158	13	8	1.0	2	3	10	1.53	575	5	ND	2	82	1	61	2	5	.01	.013	3	19	.02	120	.01	11	.52	.01	.15	1	198
C 97624	34	1047	22	35	1.0	5	5	16	2.44	986	5	ND	2	42	1	87	2	5	.01	.008	2	4	.02	27	.01	11	.48	.01	.14	1	330
C 97625	55	1971	14	91	.8	5	7	19	2.16	1128	5	ND	1	31	1	113	2	5	.01	.006	2	22	.02	28	.01	11	.51	.01	.14	1	340
C 97626	27	2612	13	64	.9	5	6	10	2.89	1684	5	ND	1	37	1	193	2	7	.01	.008	2	3	.04	20	.01	11	.57	.01	.18	1	610
C 97627	123	255	7	7	.6	2	3	6	1.25	602	5	ND	1	33	1	25	2	4	.01	.005	2	13	.03	78	.01	8	.56	.01	.12	1	250
C 97628	33	113	8	8	.5	3	2	6	2.10	194	5	ND	2	26	1	22	2	3	.01	.005	2	2	.02	72	.01	7	.46	.01	.13	1	80
C 97629	56	39	12	7	.7	1	1	4	1.10	638	5	ND	2	36	1	26	2	4	.01	.008	4	10	.04	181	.01	10	.55	.01	.18	1	142
STD C/AU-R	13	57	40	132	7.1	69	28	922	3.95	38	22	7	37	45	17	19	20	56	.48	.089	37	55	.88	174	.06	35	1.91	.06	.13	12	515

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
C 97630	65	112	6	5	.7	3	1	4	.66	509	5	ND	1	43	1	43	2	4	.01	.006	2	3	.04	168	.01	9	.64	.01	.15	1	149
C 97631	87	436	9	25	.7	2	4	9	1.45	381	5	ND	1	45	1	31	2	4	.01	.006	2	2	.04	125	.01	9	.46	.01	.17	1	115
C 97632	151	126	14	10	1.0	4	2	2	3.61	614	5	ND	1	56	1	90	2	4	.01	.009	2	4	.01	95	.01	8	.43	.01	.17	1	155
C 97633	70	136	7	13	.5	4	9	11	2.86	158	5	ND	1	10	1	15	2	3	.01	.003	2	3	.02	32	.01	9	.29	.01	.15	1	79
C 97634	201	233	9	12	.7	6	9	13	3.23	163	5	ND	1	25	1	7	2	3	.01	.005	2	4	.03	24	.01	9	.40	.01	.19	1	65
C 97635	120	1703	13	150	.6	3	7	5	1.75	849	5	ND	1	30	1	23	2	3	.01	.007	2	2	.03	55	.01	10	.51	.01	.12	1	137
C 97636	49	1683	7	82	.5	4	7	5	2.67	740	5	ND	1	31	1	37	2	4	.01	.005	2	2	.04	40	.01	11	.57	.01	.18	1	101
C 97637	161	1442	12	100	.5	4	9	3	2.39	589	5	ND	1	41	1	21	2	3	.01	.006	2	3	.04	38	.01	8	.46	.01	.13	1	67
C 97638	74	2315	7	85	.5	4	10	5	2.74	945	5	ND	2	17	1	67	2	3	.01	.004	2	3	.05	32	.01	13	.52	.01	.20	1	100
C 97639	144	2162	10	125	1.2	3	8	12	2.43	1052	5	ND	2	26	1	29	2	4	.01	.005	2	2	.03	36	.01	10	.47	.01	.19	1	270
C 97640	23	885	6	69	1.2	6	11	8	3.59	399	5	ND	3	7	1	25	2	3	.01	.001	3	3	.02	22	.01	9	.34	.01	.16	1	201
C 97641	55	1170	8	87	1.6	5	8	10	3.76	495	5	ND	3	8	1	38	2	2	.01	.003	2	4	.02	21	.01	10	.32	.01	.19	1	200
C 97642	143	2991	14	221	1.6	4	10	5	3.25	1369	5	ND	1	99	1	57	2	4	.01	.014	2	11	.03	23	.01	10	.56	.01	.15	1	240
C 97643	154	3069	13	224	.7	3	6	6	1.97	1465	5	ND	1	115	1	49	2	3	.01	.016	2	1	.02	53	.01	8	.51	.01	.08	1	290
C 97644	81	3198	16	90	.4	4	12	19	4.53	1292	5	ND	1	31	1	196	2	3	.01	.006	2	2	.03	14	.01	10	.45	.01	.14	1	410
C 97645	21	747	8	36	.4	3	11	3	5.29	325	5	ND	2	8	1	42	2	2	.01	.002	2	1	.01	14	.01	7	.23	.01	.11	1	145
C 97646	35	1913	11	63	1.1	3	12	10	6.67	716	5	ND	1	18	1	144	2	3	.01	.004	2	2	.05	11	.01	8	.43	.01	.15	1	280
C 97647	25	1747	14	58	.6	4	12	12	4.99	790	5	ND	1	56	1	112	2	3	.01	.009	2	3	.02	13	.01	8	.41	.01	.13	1	370
C 97648	22	2955	14	113	.9	3	10	19	3.36	1422	5	ND	2	26	1	205	2	4	.01	.004	2	1	.04	25	.01	10	.51	.01	.18	1	550
C 97649	141	179	10	21	.3	2	5	29	2.32	156	5	ND	2	30	1	5	2	12	.01	.029	4	2	.07	129	.01	9	.55	.01	.23	1	66
C 97650	47	142	13	17	.3	3	2	49	3.21	307	5	ND	2	55	1	5	2	27	.02	.035	4	11	.08	127	.01	7	.59	.01	.14	1	33
C 97651	56	109	11	10	.3	1	2	16	1.51	383	5	ND	2	35	1	8	2	9	.01	.011	2	3	.07	159	.01	9	.56	.02	.24	1	54
C 97652	140	152	29	14	.8	5	3	48	4.70	1633	5	ND	1	91	1	11	2	19	.09	.074	3	13	.11	103	.02	7	.59	.05	.32	1	56
C 97653	125	132	22	26	.3	5	7	42	7.09	852	5	ND	2	114	1	14	2	27	.01	.128	4	6	.08	39	.01	4	.67	.09	.25	1	41
C 97654	31	159	8	16	.3	30	9	43	3.39	153	5	ND	1	45	1	8	2	24	.01	.027	3	15	.03	73	.01	7	.49	.01	.19	1	21
C 97655	177	394	8	55	.5	3	12	16	3.38	404	5	ND	1	39	1	20	2	5	.01	.009	2	3	.10	28	.01	8	.63	.01	.29	1	132
C 97656	66	62	5	7	.4	1	1	19	.98	373	5	ND	2	41	1	7	2	5	.01	.009	4	1	.12	179	.01	9	.67	.02	.30	1	122
C 97657	190	223	5	16	.6	1	2	9	1.67	456	5	ND	2	57	1	19	2	6	.01	.012	4	2	.09	135	.01	8	.58	.02	.29	1	94
C 97658	78	511	4	49	.4	2	1	13	1.42	431	5	ND	2	33	1	29	2	5	.01	.008	3	1	.04	94	.01	9	.52	.01	.13	1	101
C 97659	103	78	7	6	.4	2	2	20	1.75	394	5	ND	2	18	1	11	2	3	.01	.003	3	5	.06	148	.01	9	.45	.02	.21	3	100
C 97660	53	231	6	32	.2	2	5	19	2.08	279	5	ND	1	22	1	13	2	4	.01	.004	2	2	.08	68	.01	10	.62	.02	.25	1	57
C 97661	169	52	5	4	.3	1	1	15	.82	337	5	ND	1	53	1	39	2	4	.01	.010	4	2	.05	203	.01	10	.48	.02	.24	1	83
C 97662	75	86	8	7	.4	2	2	15	1.24	206	5	ND	2	41	1	11	2	5	.01	.007	3	1	.06	146	.01	10	.50	.02	.22	1	118
C 97663	73	565	8	29	.5	3	5	18	2.01	353	5	ND	1	21	1	49	2	4	.01	.005	2	3	.04	85	.01	11	.46	.02	.21	1	122
C 97664	111	137	9	7	.5	1	2	9	1.41	245	5	ND	1	27	1	34	2	4	.01	.005	2	2	.06	115	.01	9	.44	.02	.23	1	142
C 97665	117	236	7	10	.6	2	3	11	1.64	360	5	ND	1	44	1	39	2	5	.01	.003	2	1	.07	102	.01	12	.50	.01	.21	1	135
STD C/AU-R	18	57	41	132	7.0	68	27	1035	3.83	40	22	6	36	48	17	18	19	56	.48	.086	36	58	.89	174	.06	34	1.89	.05	.14	11	495

LACANA MINING CORP. PROJECT 6329 FILE # 88-5398

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
C 97666	91	1387	10	43	1.4	2	15	12	3.28	380	5	ND	1	32	1	48	2	3	.01	.008	2	1	.05	43	.01	7	.42	.01	.15	1	169
C 97667	159	1385	12	73	.2	4	4	143	1.61	701	5	ND	1	87	1	29	2	9	.07	.034	2	2	.06	88	.01	10	.60	.01	.13	1	225
C 97668	114	1330	8	42	1.2	2	5	25	2.85	751	5	ND	1	27	1	145	2	5	.01	.020	2	1	.04	68	.01	8	.43	.01	.12	1	205
C 97669	126	1101	6	49	.2	1	4	14	1.64	758	5	ND	1	45	1	33	2	5	.01	.011	2	1	.04	89	.01	7	.45	.01	.11	1	193
C 97670	497	9351	7	50	.9	2	15	14	8.06	580	5	ND	1	27	1	19	2	4	.01	.008	2	1	.03	9	.01	5	.32	.01	.11	1	135
C 97671	130	1251	8	28	.1	1	4	101	.82	370	5	ND	1	59	1	15	2	8	.02	.015	3	2	.06	96	.01	8	.61	.01	.14	1	124
C 97672	83	1139	6	51	.1	4	6	346	2.01	394	5	ND	1	59	1	26	2	12	.03	.018	3	2	.09	110	.01	8	.53	.01	.15	1	199
C 97673	202	2107	19	87	.3	4	11	20	2.62	830	5	ND	1	51	1	37	2	6	.02	.021	2	1	.04	36	.01	10	.43	.01	.12	1	165
C 97674	107	1515	3	84	.2	3	6	281	2.26	513	5	ND	1	35	1	83	2	17	.02	.008	2	1	.05	44	.01	7	.40	.01	.09	1	136
C 97675	134	753	10	42	.6	2	4	13	1.42	623	5	ND	1	42	1	75	2	6	.01	.009	2	2	.04	94	.01	11	.49	.01	.12	2	146
C 97676	435	1503	8	57	.9	3	3	13	1.30	822	5	ND	1	37	1	69	2	4	.01	.008	2	2	.04	83	.01	8	.46	.01	.13	1	175
C 97677	127	931	13	51	.9	3	7	13	2.63	703	5	ND	1	25	1	44	2	4	.01	.005	2	1	.04	56	.01	8	.45	.01	.16	1	135
C 97678	64	968	7	33	.1	3	5	18	1.95	529	5	ND	1	25	1	16	2	3	.01	.006	2	1	.02	54	.01	8	.42	.01	.11	1	132
C 97679	61	260	10	3	.1	1	2	9	.91	597	5	ND	1	47	1	18	2	4	.01	.013	3	1	.03	118	.01	8	.41	.01	.12	1	101
C 97680	166	144	11	7	.1	1	1	24	3.73	652	5	ND	1	43	1	52	2	9	.01	.021	3	1	.04	124	.01	7	.44	.01	.13	1	175
C 97681	146	99	6	4	.6	1	1	20	1.10	876	5	ND	1	14	1	990	2	2	.01	.002	2	1	.01	218	.01	6	.19	.01	.07	1	395 ✓
C 97682	485	50	4	4	.5	1	1	22	.51	98	5	ND	1	10	1	265	2	2	.01	.001	2	2	.01	253	.01	6	.16	.01	.09	1	143
C 97683	158	63	4	4	.1	2	1	24	.62	57	5	ND	1	3	1	88	2	2	.01	.001	2	4	.01	118	.01	6	.13	.01	.10	3	126
C 97684	185	157	2	6	.1	3	1	32	1.80	83	5	ND	1	8	1	115	2	3	.01	.002	2	2	.01	189	.01	5	.15	.01	.08	1	107
C 97685	217	36	3	4	.1	1	1	28	.46	106	5	ND	1	10	1	302	2	2	.01	.001	2	2	.01	118	.01	7	.15	.01	.08	1	133
C 97686	273	280	4	7	.1	3	1	27	1.83	362	5	ND	1	10	1	472	2	3	.01	.002	2	2	.01	259	.01	6	.17	.01	.08	1	201
C 97687	244	199	3	6	.1	2	1	27	1.24	185	5	ND	1	9	1	306	2	2	.01	.001	2	4	.01	243	.01	6	.16	.01	.09	3	175
C 97688	357	862	5	50	1.1	6	5	16	2.45	712	5	ND	1	16	1	213	2	2	.01	.002	2	2	.01	28	.01	7	.36	.01	.09	1	245
C 97689	144	307	7	10	.2	2	1	12	1.12	315	5	ND	1	26	1	58	2	2	.01	.003	2	1	.01	198	.01	7	.34	.01	.10	1	158
C 97690	199	276	9	9	.5	5	3	16	2.96	391	5	ND	1	21	1	130	2	3	.01	.002	2	1	.01	46	.01	5	.29	.01	.07	1	185
C 97691	154	415	6	17	1.2	2	3	6	1.30	330	5	ND	1	25	1	80	2	2	.01	.002	2	2	.01	50	.01	7	.23	.01	.09	2	795 ✓
C 97692	229	1371	3	150	.3	2	3	9	1.12	904	5	ND	1	41	1	102	2	2	.01	.004	2	1	.01	86	.01	6	.38	.01	.08	1	315
STD C/AU-R	19	57	39	132	7.1	69	28	1006	3.93	37	23	6	37	45	17	17	20	55	.48	.089	37	55	.39	175	.06	34	1.91	.06	.14	11	485

APPENDIX 4

SOIL SAMPLE ASSAYS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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

Soil

DATE RECEIVED: OCT 13 1988 DATE REPORT MAILED: Oct 19/88 SIGNED BY. C. Leong ..D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

LACANA MINING CORP. PROJECT ~~6329~~ File # 88-5176 Page 1 1 of 3

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L92+71E 109+00N	1	8	7	43	.1	4	3	203	2.14	2	5	ND	1	16	1	2	2	61	.06	.018	5	10	.06	89	.03	3	.57	.01	.02	2	1
L92+71E 108+75N	1	17	9	76	.8	11	6	1280	3.33	5	5	ND	1	34	1	2	2	72	.20	.043	7	20	.19	289	.02	2	1.34	.01	.05	1	1
L92+71E 108+50N	1	19	11	100	.2	18	13	1731	3.89	2	5	ND	1	56	1	2	2	72	.33	.052	10	22	.35	347	.01	2	2.10	.01	.07	1	1
L92+71E 108+25N	1	22	8	109	.1	21	9	1064	3.63	2	5	ND	1	70	1	2	2	56	.70	.075	12	21	.42	472	.01	2	2.19	.01	.06	1	12
L92+71E 108+00N	1	9	7	38	.1	4	3	187	2.28	2	5	ND	1	14	1	2	2	67	.08	.014	6	12	.05	66	.03	3	.49	.01	.03	2	1
L92+71E 107+75N	1	10	7	49	.1	7	3	150	3.53	4	5	ND	1	13	1	2	2	73	.07	.085	4	16	.13	78	.03	2	1.33	.01	.04	1	1
L92+71E 107+50N	1	13	10	97	.2	11	7	2066	2.83	4	5	ND	1	50	1	2	2	55	.35	.063	6	15	.22	310	.02	2	1.32	.01	.05	1	2
L92+71E 107+25N	1	16	4	157	.1	16	10	1500	3.46	3	5	ND	1	37	1	2	2	58	.22	.058	7	19	.29	322	.01	2	2.34	.01	.05	1	1
L92+71E 107+00N	1	20	16	77	.6	9	6	544	2.59	5	5	ND	1	67	1	2	2	51	.46	.069	17	15	.19	458	.01	2	1.70	.01	.06	1	1
L92+71E 106+75N	1	13	13	113	.6	13	8	2311	2.72	2	5	ND	1	57	1	2	2	50	.34	.076	12	16	.28	466	.01	2	1.91	.01	.05	1	1
L92+71E 106+50N	1	11	8	67	.2	7	3	233	4.19	11	5	ND	1	13	1	2	2	78	.06	.143	5	18	.14	78	.02	2	1.38	.01	.03	1	2
L92+71E 106+25N	1	13	5	105	.2	15	6	304	3.04	4	5	ND	1	38	1	2	2	57	.25	.041	7	18	.37	284	.02	2	1.66	.01	.04	1	1
L92+71E 104-75N	1	11	7	50	.2	21	4	235	2.96	4	5	ND	1	12	1	2	2	59	.04	.030	4	18	.28	64	.02	2	1.38	.01	.03	1	1
L92+71E 101+75N	1	10	16	100	.1	8	3	196	3.38	56	5	ND	1	12	1	3	2	75	.01	.036	7	14	.06	49	.01	2	.96	.01	.03	1	7
L92+71E 101+50N	1	11	5	32	.3	3	1	144	.98	33	5	ND	1	14	1	9	2	19	.04	.019	6	4	.02	31	.01	5	.30	.01	.02	2	1
L92+71E 101+25N	1	8	17	83	.4	6	3	194	3.48	32	5	ND	1	13	1	2	2	65	.02	.069	5	15	.08	52	.02	2	1.02	.01	.03	1	1
L92+71E 101+00N	1	13	25	125	.3	9	4	258	4.83	78	5	ND	1	14	1	5	2	77	.03	.090	6	18	.07	70	.01	2	1.52	.01	.04	1	1
L93+92.5E 108+75N	1	18	12	78	.5	14	11	1965	4.23	13	5	ND	1	169	1	2	2	74	.95	.111	9	18	.25	351	.01	2	2.09	.01	.05	1	1
L93+92.5E 108+50N	1	12	20	70	.3	10	5	333	5.06	8	5	ND	2	17	1	2	2	95	.04	.034	5	20	.17	83	.02	2	1.66	.01	.05	1	1
L93+92.5E 108+25N	1	5	4	37	.1	3	3	164	2.11	8	5	ND	1	13	1	2	2	41	.08	.031	4	5	.04	53	.01	2	.48	.01	.03	2	2
L93+92.5E 108+00N	1	5	9	30	.2	4	2	124	1.99	5	5	ND	1	11	1	2	2	56	.04	.029	5	11	.06	41	.03	3	.64	.01	.02	1	1
L93+92.5E 107+75N	1	6	10	37	.1	4	3	328	2.20	5	5	ND	1	16	1	2	2	50	.05	.029	5	10	.06	86	.03	3	.72	.01	.02	2	1
L93+92.5E 107+50N	1	19	16	112	.3	14	6	221	5.64	17	5	ND	2	14	1	2	2	77	.05	.069	4	25	.23	88	.02	2	2.38	.01	.05	1	1
L93+92.5E 107+25N	1	24	13	163	.1	19	8	1173	3.66	12	5	ND	1	66	1	2	2	58	.48	.077	13	20	.32	431	.01	2	2.24	.01	.04	1	1
L93+92.5E 106+75N	1	12	12	77	.2	8	4	263	3.23	10	5	ND	1	16	1	2	2	73	.08	.040	6	17	.17	126	.03	2	1.34	.01	.04	1	1
L93+92.5E 106+50N	1	8	4	36	.1	4	3	163	1.98	6	5	ND	1	9	1	2	2	55	.04	.019	5	10	.05	53	.02	3	.59	.01	.03	2	1
L93+92.5E 106+25N	1	12	9	85	.1	12	5	222	3.04	10	5	ND	1	56	1	2	2	58	.51	.053	6	17	.33	332	.02	2	1.31	.01	.04	1	1
L93+92.5E 106+00N	1	49	17	247	.5	30	12	5302	3.90	12	5	ND	1	135	3	2	2	54	.99	.223	20	24	.43	822	.01	2	3.54	.01	.08	1	2
L93+92.5E 105+75N	1	33	15	210	.2	31	10	1260	4.12	22	5	ND	1	62	1	2	2	60	.42	.091	12	26	.49	498	.01	2	2.61	.01	.06	1	1
L93+92.5E 105+50N	1	14	9	63	.3	9	4	269	4.60	11	5	ND	1	18	1	2	2	107	.06	.116	5	19	.19	83	.03	2	1.41	.01	.04	1	1
L93+92.5E 105+25N	1	10	12	96	.4	11	5	271	3.15	6	5	ND	1	24	1	2	2	71	.08	.040	5	18	.27	130	.03	2	1.36	.01	.05	1	2
L93+92.5E 105+00N	1	4	6	30	.1	4	2	99	.97	2	5	ND	1	12	1	2	2	26	.06	.022	5	8	.10	74	.02	2	.72	.01	.03	1	1
L102+43E 103+50N	1	8	11	54	.2	7	4	522	3.64	8	5	ND	1	38	1	2	2	86	.10	.047	5	17	.08	166	.03	3	.87	.01	.05	1	1
L102+43E 103+25N	1	8	8	38	.1	5	2	198	2.46	6	5	ND	1	45	1	2	2	61	.33	.023	5	14	.09	146	.04	2	.55	.01	.05	1	1
L102+43E 103+00N	1	16	9	94	.2	16	6	535	4.53	13	5	ND	1	35	1	2	2	92	.10	.101	4	26	.21	173	.02	2	1.84	.01	.06	1	1
L102+43E 102+50N	1	3	5	16	.1	3	1	41	.85	6	5	ND	1	23	1	2	2	20	.03	.011	6	5	.01	38	.01	6	.16	.01	.02	1	9
STD C/AU-S	18	57	41	132	7.1	67	29	1059	4.11	39	22	7	37	47	18	20	20	58	.49	.092	37	62	.91	176	.06	33	1.97	.06	.13	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
L102+43E 102+25N	1	25	13	81	.3	8	7	406	3.67	23	5	ND	1	24	1	2	3	50	.17	.079	6	11	.15	134	.01	2	1.14	.01	.03	1	6
L102+43E 102+00N	1	26	17	123	.2	14	9	397	5.82	38	5	ND	1	28	1	3	5	112	.08	.069	4	19	.15	124	.02	3	1.20	.01	.06	1	1
L102+43E 101+50N	1	9	10	40	.3	7	4	138	2.65	7	5	ND	1	11	1	2	2	45	.06	.065	5	11	.17	67	.02	2	1.21	.01	.03	1	1
L102+43E 100+00N	1	15	11	63	.4	10	6	242	2.91	71	5	ND	1	13	1	2	2	65	.02	.034	5	9	.04	51	.01	2	.80	.01	.02	1	1
L102+43E 99+75N	1	57	89	360	1.2	6	12	1378	8.69	115	5	ND	2	14	1	3	2	85	.02	.164	6	17	.10	90	.01	3	1.80	.01	.04	1	2
L102+43E 99+50N	1	65	106	828	1.0	11	19	9201	7.10	73	5	ND	1	21	3	3	5	67	.20	.128	5	14	.11	193	.01	2	1.52	.01	.04	1	5

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DATE RECEIVED: OCT 11 1988 DATE REPORT MAILED: Oct 21/88 SIGNED BY. C. Leong ..D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

LACANA MINING CORP. PROJECT ~~6329~~ 1013 File # 88-5251 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L93+92.5E 101+50N	3	13	4	52	.2	5	4	201	3.62	49	5	ND	2	14	1	5	3	73	.03	.035	5	6	.02	28	.01	4	.35	.01	.02	1	6
L93+92.5E 101+25N	1	9	3	27	.2	3	2	102	1.83	25	5	ND	2	15	1	3	3	41	.01	.019	5	4	.02	36	.02	3	.26	.01	.02	1	17
L93+92.5E 101+00N	3	26	18	77	.4	8	7	280	5.79	74	5	ND	3	17	1	12	2	91	.02	.063	6	9	.08	56	.04	2	.99	.01	.03	1	5
L93+92.5E 100+75N	2	8	2	28	.3	2	2	65	2.18	38	5	ND	2	12	1	3	2	41	.02	.029	5	4	.01	25	.01	2	.20	.01	.02	1	9
L93+92.5E 100+50N	1	3	2	12	.1	1	1	70	.51	3	5	ND	1	14	1	2	2	10	.02	.013	5	2	.01	27	.01	2	.14	.01	.01	1	6
L93+92.5E 100+25N	2	3	2	14	.2	1	1	38	.59	6	5	ND	2	16	1	3	2	13	.02	.011	3	2	.01	13	.01	2	.10	.01	.02	1	2
L93+92.5E 100+00N	1	58	37	180	.1	13	7	361	1.43	12	5	ND	1	28	1	2	2	16	.42	.051	6	11	.26	124	.02	3	.74	.01	.06	1	5
L93+92.5E 98+25N	1	3	2	9	.3	1	1	14	.27	3	5	ND	2	35	1	2	3	6	.02	.009	4	1	.01	32	.01	3	.11	.01	.02	1	31
L93+92.5E 98+00N	1	2	3	12	.3	1	1	29	.39	2	5	ND	1	32	1	3	3	8	.01	.007	4	1	.01	23	.01	2	.11	.01	.01	1	86
L93+92.5E 97+75N	10	58	7	33	1.4	3	3	123	1.63	57	5	ND	1	25	1	4	2	26	.10	.043	5	3	.06	81	.01	3	.56	.01	.06	2	24
L93+92.5E 97+50N	21	224	17	57	.4	3	5	136	6.13	353	5	ND	1	18	1	29	2	79	.01	.095	5	9	.06	43	.02	4	.94	.01	.03	1	1
L93+92.5E 97+25N	15	173	6	65	.2	9	6	272	3.94	170	5	ND	2	17	1	19	2	70	.03	.040	5	7	.04	35	.02	3	.50	.01	.03	1	2
L93+92.5E 97+00N	22	591	17	79	.9	12	31	1909	3.32	81	5	ND	1	29	1	17	4	34	.09	.106	11	12	.15	221	.01	5	2.02	.01	.05	3	1
L93+92.5E 96+75N	3	28	2	14	.4	2	2	79	.92	9	5	ND	2	12	1	3	2	18	.03	.021	5	3	.02	56	.01	2	.39	.01	.03	1	1
L93+92.5E 96+50N	9	114	11	51	1.4	7	7	322	3.97	48	5	ND	1	19	1	13	2	41	.05	.072	4	10	.13	162	.01	2	1.34	.01	.05	3	1
L93+92.5E 96+25N	1	9	2	23	.3	3	2	109	1.35	6	5	ND	1	7	1	2	3	32	.02	.023	4	5	.05	41	.01	2	.57	.01	.02	1	1
L93+92.5E 96+00N	2	21	3	21	.2	2	2	59	1.43	15	5	ND	1	17	1	2	2	41	.04	.012	4	5	.03	42	.01	2	.35	.01	.02	1	6
L93+92.5E 95+50N	4	36	2	21	.1	2	2	62	1.58	23	5	ND	1	11	1	3	2	25	.01	.015	5	3	.02	23	.01	7	.21	.01	.02	1	67
L93+92.5E 95+25N	4	60	2	32	.1	3	2	134	1.53	41	5	ND	1	11	1	3	2	32	.08	.020	5	4	.03	33	.01	6	.30	.01	.03	1	177
L93+92.5E 95+00N	13	38	12	67	.4	5	6	171	3.36	65	5	ND	2	22	1	2	3	54	.06	.043	6	6	.04	58	.01	2	.67	.01	.04	1	19
L93+92.5E 94+75N	9	177	25	196	.3	6	5	147	4.77	115	5	ND	2	14	1	7	3	61	.05	.084	7	6	.04	43	.01	4	.65	.01	.03	1	1
L93+92.5E 94+50N	6	118	30	158	.7	8	6	186	3.60	106	5	ND	1	12	1	4	2	56	.03	.067	6	10	.09	55	.01	4	1.00	.01	.04	1	6
L93+92.5E 94+25N	2	71	40	74	.6	4	2	230	.92	29	5	ND	2	44	1	2	3	15	.24	.042	13	3	.05	238	.01	2	.81	.01	.05	1	1
L93+92.5E 94+00N	2	16	13	68	.2	5	3	183	2.23	14	5	ND	1	38	1	2	2	41	.19	.031	6	5	.05	188	.01	5	.66	.01	.03	1	1
L95+14E 102+25N	9	21	6	29	.2	2	4	103	2.30	40	5	ND	1	12	1	40	3	64	.02	.021	4	5	.05	60	.01	3	.75	.01	.03	1	14
L95+14E 101+75N	2	3	2	8	.2	1	1	22	.29	3	5	ND	2	11	1	29	3	7	.02	.007	3	1	.01	16	.01	5	.10	.01	.01	1	127
L95+14E 101+50N	2	1	2	5	.1	1	1	12	.25	5	5	ND	1	9	1	13	3	6	.01	.004	3	1	.01	11	.01	4	.08	.01	.01	1	166
L95+14E 101+25N	1	2	2	4	.1	1	1	3	.11	2	5	ND	1	8	1	3	2	3	.01	.005	4	1	.01	15	.01	2	.15	.01	.02	1	271
L95+14E 101+00N	5	23	2	31	.1	5	4	128	2.80	24	5	ND	1	10	1	16	2	68	.01	.013	4	8	.03	25	.03	3	.42	.01	.02	1	5
L95+14E 100+75N	1	26	12	60	.2	20	8	239	3.61	16	5	ND	2	6	1	2	2	49	.02	.023	5	17	.42	70	.02	3	2.51	.01	.03	3	1
L95+14E 100+50N	4	32	6	41	.3	3	5	96	7.53	85	5	ND	3	6	1	6	2	53	.02	.115	5	11	.08	24	.02	2	1.48	.01	.03	1	1
L95+14E 100+25N	11	4	2	8	.1	1	1	10	.54	3	5	ND	1	24	1	3	4	8	.01	.008	3	1	.01	15	.01	3	.14	.01	.01	1	1
L95+14E 100+00N	12	6	4	8	.1	1	1	19	.81	27	5	ND	1	15	1	31	3	14	.01	.005	3	2	.01	14	.01	2	.16	.01	.02	1	1
L95+14E 99+75N	6	19	5	22	.1	3	3	61	2.32	44	5	ND	1	19	1	15	2	45	.02	.027	3	7	.03	25	.01	4	.50	.01	.02	1	9
L95+14E 99+50N	9	35	7	35	.3	7	3	81	3.10	51	5	ND	2	16	1	36	2	46	.01	.023	3	10	.05	40	.01	2	1.05	.01	.03	1	54
L95+14E 99+25N	5	6	2	10	.1	1	1	15	.71	26	5	ND	2	15	1	26	3	16	.01	.007	3	2	.01	17	.01	4	.15	.01	.01	1	28
L95+14E 99+00N	1	1	2	6	.1	1	1	9	.18	2	5	ND	1	22	1	2	2	4	.01	.005	3	1	.01	22	.01	4	.12	.01	.01	1	54
STD C/AU-S	18	57	37	132	7.0	67	29	1004	4.04	36	16	7	36	47	17	19	20	55	.47	.082	37	52	.92	175	.06	32	1.97	.06	.14	11	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L95+14E 98+75N	8	8	2	8	.3	1	1	26	.56	7	5	ND	3	24	1	8	3	14	.01	.007	4	5	.01	16	.01	2	.23	.01	.01	1	49
L95+14E 98+50N	36	74	10	20	.3	1	2	93	2.93	247	5	ND	2	28	1	53	3	55	.01	.039	6	4	.03	45	.02	2	.52	.01	.02	2	67
L95+14E 98+25N	25	61	2	19	.1	2	3	63	1.77	77	5	ND	2	24	1	23	2	37	.01	.015	5	4	.02	28	.01	4	.36	.01	.02	1	62
L95+14E 98+00N	7	356	9	75	.4	15	8	160	5.15	196	5	ND	4	22	1	27	2	71	.01	.064	6	17	.17	65	.01	2	2.22	.01	.04	1	45
L95+14E 97+75N	34	457	12	43	.5	6	5	100	5.94	370	5	ND	3	24	1	16	2	57	.01	.108	7	8	.05	48	.01	4	1.15	.01	.04	3	200
L95+14E 97+50N	36	252	9	43	.6	4	5	123	4.62	286	5	ND	4	16	1	12	2	45	.01	.096	9	5	.04	54	.01	3	.78	.01	.03	2	25
L95+14E 97+25N	2	17	2	27	.3	6	3	89	2.21	13	5	ND	3	11	1	2	3	56	.01	.015	7	7	.04	27	.03	3	.58	.01	.02	2	1
L95+14E 97+00N	1	16	5	42	.3	9	4	108	2.68	10	5	ND	3	12	1	2	2	51	.01	.036	6	10	.10	31	.02	2	1.34	.01	.02	1	1
L95+14E 96+75N	2	20	12	45	.4	8	5	110	3.63	15	5	ND	2	7	1	6	4	58	.02	.072	6	14	.15	40	.02	4	2.13	.01	.02	5	1
L95+14E 96+50N	1	20	9	61	.4	11	6	158	3.63	13	5	ND	3	8	1	2	3	55	.03	.084	7	15	.21	47	.01	2	2.33	.01	.03	2	2
L95+14E 96+25N	2	110	12	109	.6	25	12	252	4.47	57	5	ND	3	11	1	10	2	56	.03	.069	7	20	.45	101	.01	4	3.07	.01	.04	5	4
L95+14E 95+75N	4	31	9	50	.6	8	5	152	4.29	26	5	ND	2	8	1	5	2	63	.03	.068	7	14	.15	54	.01	3	1.60	.01	.03	3	1
L95+14E 95+50N	2	14	3	19	.3	4	2	66	1.69	12	5	ND	2	7	1	2	2	38	.02	.023	7	6	.06	33	.02	2	.74	.01	.03	1	1
L95+14E 95+25N	22	129	35	55	.3	6	5	165	4.28	233	5	ND	2	23	1	8	4	53	.02	.057	8	9	.06	73	.01	2	1.34	.01	.04	2	61
L95+14E 95+00N	2	18	7	79	.1	5	4	219	3.36	21	5	ND	2	10	1	2	2	56	.06	.046	5	6	.06	64	.01	5	.65	.01	.05	1	12
L95+14E 94+75N	2	27	9	67	.2	5	3	191	1.81	9	5	ND	2	23	1	2	2	32	.10	.027	8	4	.04	103	.01	3	.56	.01	.04	1	1
L95+14E 94+25N	3	2538	27	390	.4	41	8	499	3.90	56	5	ND	2	31	2	5	2	39	.19	.148	39	11	.19	252	.01	3	2.09	.01	.05	1	14
L96+35.5E 103+00N	1	43	4	30	2.0	3	3	424	1.73	6	5	ND	1	11	1	2	2	43	.04	.032	7	7	.07	55	.02	4	.67	.01	.04	2	1
L96+35.5E 102+75N	1	43	45	272	1.0	25	14	584	5.20	59	5	ND	3	14	1	8	2	67	.04	.146	8	19	.28	82	.01	3	2.85	.01	.04	2	1
L96+35.5E 102+50N	7	117	6	69	.1	8	7	169	7.73	126	5	ND	3	17	1	10	2	97	.04	.098	5	10	.03	47	.03	2	.49	.01	.03	1	17
L96+35.5E 102+25N	14	84	6	58	.1	8	6	191	5.36	78	5	ND	1	18	1	22	2	95	.05	.069	5	11	.04	39	.02	6	.53	.01	.03	1	11
L96+35.5E 102+00N	12	44	5	44	.1	6	5	113	5.33	91	6	ND	3	17	1	63	2	86	.01	.043	5	9	.03	27	.02	2	.66	.01	.02	1	10
L96+35.5E 101+75N	3	13	5	38	.1	5	4	171	3.03	13	5	ND	2	14	1	2	2	78	.02	.020	6	9	.05	25	.03	5	.65	.01	.02	1	1
L96+35.5E 101+50N	29	54	7	33	.5	2	4	90	4.75	256	5	ND	2	18	1	150	2	75	.01	.031	4	6	.03	31	.03	3	.50	.01	.02	1	46
L96+35.5E 100+75N	3	4	2	7	.3	1	1	21	.18	6	5	ND	3	17	1	6	4	4	.01	.006	4	1	.01	23	.01	4	.14	.01	.03	2	18
L96+35.5E 100+50N	4	6	2	10	.1	1	1	34	.68	11	5	ND	1	22	1	5	2	17	.01	.009	4	3	.01	25	.01	4	.23	.01	.02	1	5
L96+35.5E 100+25N	2	14	8	60	.1	12	6	164	4.34	21	5	ND	1	25	1	3	2	102	.01	.023	4	17	.08	47	.02	5	.98	.01	.03	1	1
L96+35.5E 100+00N	5	26	11	48	.1	11	5	246	3.87	27	5	ND	2	23	1	6	2	79	.05	.037	4	15	.09	42	.01	4	1.10	.01	.05	1	1
L96+35.5E 99+75N	37	10	11	9	.1	1	1	25	.64	56	5	ND	1	18	1	20	2	14	.01	.007	3	2	.02	34	.01	3	.32	.01	.03	1	147
L96+35.5E 99+50N	22	104	23	85	2.6	8	13	611	6.35	86	5	ND	4	8	1	7	2	184	.05	.102	6	13	.59	73	.17	2	4.38	.02	.08	1	31
L96+35.5E 99+25N	23	52	6	33	.1	5	4	102	3.22	180	5	ND	1	16	1	21	2	67	.01	.025	6	7	.03	26	.03	3	.53	.01	.02	2	8
L96+35.5E 99+00N	3	24	8	51	.1	10	5	123	4.32	30	5	ND	1	26	1	2	4	85	.01	.053	5	16	.09	62	.01	2	1.14	.01	.03	1	1
L96+35.5E 98+75N	22	87	8	30	.1	4	4	139	3.39	126	5	ND	1	30	1	25	5	62	.02	.032	4	13	.07	56	.01	4	1.20	.01	.04	2	26
L96+35.5E 98+50N	82	247	16	59	.1	9	6	128	5.75	722	5	ND	2	21	1	36	4	74	.01	.068	5	11	.05	257	.02	4	.94	.01	.03	1	24
L96+35.5E 98+25N	10	157	13	55	.7	8	6	178	4.61	198	5	ND	1	22	1	23	3	70	.01	.057	6	13	.09	62	.01	4	1.61	.01	.03	2	18
STD C/AU-S	18	61	43	132	7.1	67	31	1022	4.12	41	22	7	38	48	18	17	20	59	.49	.090	39	53	.94	180	.07	34	2.02	.06	.13	13	47

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L96+35.5E 98+00N	19	644	28	54	1.6	10	6	176	5.03	253	5	ND	2	21	1	34	2	57	.04	.055	6	13	.15	153	.01	4	1.66	.01	.06	1	57
L96+35.5E 97+75N	64	1263	79	73	2.8	18	10	402	6.60	838	5	ND	2	33	1	64	2	58	.04	.105	9	20	.41	342	.01	3	3.61	.01	.16	1	580
L96+35.5E 97+50N	1	24	11	22	.7	4	2	92	1.62	13	5	ND	1	7	1	2	2	34	.02	.028	5	7	.09	34	.01	5	.80	.01	.02	2	2
L96+35.5E 97+25N	1	9	5	19	.6	2	2	89	1.35	4	5	ND	2	6	1	2	2	35	.02	.011	6	6	.04	28	.02	4	.55	.01	.02	1	1
L96+35.5E 97+00N	2	38	14	50	.6	8	5	163	3.67	60	5	ND	1	9	1	5	2	51	.02	.064	5	11	.16	44	.01	5	1.34	.01	.03	3	9
L96+35.5E 96+75N	1	12	10	32	.3	4	4	133	2.59	8	5	ND	2	11	1	2	2	56	.05	.046	7	8	.09	35	.02	5	.86	.01	.03	2	1
L96+35.5E 96+50N	1	12	11	35	.4	4	4	108	2.80	23	5	ND	2	9	1	2	2	57	.02	.033	5	8	.08	36	.02	4	.90	.01	.02	2	4
L96+35.5E 96+25N	2	9	8	24	.3	3	2	103	1.38	12	5	ND	1	10	1	2	2	32	.05	.036	4	6	.06	30	.01	3	.57	.01	.03	2	1
L96+35.5E 96+00N	14	54	14	42	.3	3	2	206	2.12	85	5	ND	1	23	1	4	2	31	.15	.050	5	5	.04	85	.01	10	.52	.01	.06	2	47
L96+35.5E 95+75N	10	123	16	74	.2	10	6	375	3.55	101	5	ND	1	24	1	5	2	48	.08	.052	5	16	.07	74	.01	7	.61	.01	.06	1	32
L96+35.5E 95+50N	3	55	21	89	.4	9	5	286	4.38	68	5	ND	1	16	1	3	2	49	.07	.117	6	11	.14	76	.01	6	1.12	.01	.06	1	16
L96+35.5E 95+25N	3	28	19	59	.1	5	4	218	2.61	31	5	ND	1	19	1	2	5	50	.11	.031	6	11	.05	162	.01	5	.61	.01	.04	1	6
L96+35.5E 95+00N	2	38	16	61	.4	5	4	160	2.64	77	5	ND	1	15	1	2	2	42	.05	.080	6	8	.08	67	.01	6	.87	.01	.04	1	2
L96+35.5E 94+75N	2	13	16	120	.1	6	7	352	3.72	14	5	ND	1	18	1	2	2	67	.11	.061	11	9	.15	135	.01	5	1.39	.01	.04	1	1
L96+35.5E 94+25N	1	22	34	102	.3	8	6	443	3.15	17	5	ND	1	24	1	2	2	54	.20	.086	10	9	.12	195	.01	3	1.02	.01	.06	1	4
L97+57E 103+00N	9	55	13	67	.7	7	6	246	6.06	126	5	ND	1	18	1	9	4	95	.03	.082	4	14	.06	47	.02	3	.88	.01	.04	1	33
L97+57E 102+75N	2	25	18	69	.2	9	9	441	5.96	41	5	ND	1	20	1	7	2	97	.04	.080	4	15	.10	52	.01	6	1.16	.01	.03	2	1
L97+57E 102+50N	2	18	11	54	.2	6	5	586	3.93	18	5	ND	1	15	1	2	2	119	.03	.019	5	12	.07	44	.04	4	.58	.01	.03	1	7
L97+57E 102+25N	4	44	13	94	.5	21	13	271	4.98	37	5	ND	2	17	1	2	2	63	.03	.049	5	17	.31	100	.01	4	2.42	.01	.06	1	6
L97+57E 102+00N	1	8	8	25	.1	3	2	117	1.58	5	5	ND	1	11	1	2	3	42	.02	.014	5	7	.05	33	.02	3	.61	.01	.03	1	1
L97+57E 101+25N	51	65	10	18	.5	2	3	92	3.44	299	5	ND	2	18	1	49	2	32	.01	.021	3	5	.02	112	.01	2	.57	.01	.05	1	139
L97+57E 101+00N	6	14	6	18	.1	4	3	59	1.43	26	5	ND	1	20	1	5	2	29	.01	.010	4	6	.03	45	.01	3	.46	.01	.01	1	28
L97+57E 100+75N	119	48	23	13	1.5	1	2	26	2.16	417	5	ND	2	21	1	152	2	15	.01	.008	3	3	.01	131	.01	2	.18	.01	.07	1	400
L97+57E 100+50N	121	142	24	19	.9	2	3	60	2.64	500	5	ND	1	23	1	199	4	18	.01	.012	3	4	.02	132	.01	2	.36	.01	.06	1	340
L97+57E 100+25N	136	41	29	8	1.4	1	2	26	1.89	663	5	ND	2	20	1	275	2	12	.01	.007	3	3	.01	174	.01	2	.22	.01	.07	1	560
L97+57E 100+00N	47	42	59	9	2.0	1	1	7	1.86	679	5	ND	1	29	1	118	3	5	.01	.006	2	2	.01	236	.01	5	.17	.01	.13	1	720
L97+57E 99+75N	54	75	23	9	.9	1	2	19	2.30	731	5	ND	1	23	1	116	2	12	.01	.013	3	2	.02	120	.01	3	.32	.01	.07	1	540
L97+57E 99+50N	40	40	29	5	.9	1	1	9	1.69	749	5	ND	1	26	1	185	4	8	.01	.016	2	2	.02	151	.01	2	.28	.01	.07	1	720
L97+57E 99+25N	38	261	51	14	2.2	3	2	30	3.04	1189	5	ND	1	32	1	396	2	15	.01	.023	4	4	.03	293	.01	3	.78	.01	.10	1	960
L97+57E 99+00N	35	166	37	22	1.5	2	2	51	2.46	663	5	ND	2	25	1	78	2	20	.01	.017	3	4	.04	136	.01	3	.52	.01	.07	1	620
L97+57E 98+75N	47	79	44	19	2.0	2	2	24	2.24	803	5	ND	1	28	1	96	2	11	.01	.009	3	3	.02	202	.01	4	.28	.01	.11	1	650
L97+57E 98+50N	36	156	17	88	.7	12	12	407	6.87	586	5	ND	2	23	1	57	2	96	.01	.071	5	10	.09	54	.01	2	1.01	.01	.04	1	59
L97+57E 98+25N	11	56	18	36	.6	5	4	114	3.65	229	5	ND	1	15	1	15	2	54	.03	.049	5	11	.08	53	.01	5	1.10	.01	.03	2	68
L97+57E 98+00N	11	67	13	68	1.6	10	6	320	5.01	135	5	ND	2	10	1	2	2	60	.03	.098	5	14	.23	43	.01	2	2.11	.01	.05	1	14
L97+57E 97+75N	3	46	18	72	1.6	13	7	319	4.15	48	5	ND	2	9	1	2	2	58	.03	.072	5	15	.25	67	.01	2	2.77	.01	.03	1	9
L97+57E 97+50N	10	299	41	69	.7	9	7	185	5.34	296	5	ND	2	14	1	9	2	62	.03	.077	5	12	.17	68	.01	2	2.27	.01	.05	1	94
STD C/AU-S	17	57	44	132	6.7	68	30	1045	4.13	36	20	7	38	48	17	16	18	58	.48	.088	39	53	.92	177	.07	32	1.98	.06	.13	11	53

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L97+57E 97+25N	13	50	12	20	.7	2	4	41	4.68	274	7	ND	1	17	1	4	2	43	.01	.057	6	5	.02	21	.01	2	.60	.01	.02	1	152
L97+57E 97+00N	176	216	68	39	1.6	5	9	92	17.03	2743	5	ND	1	35	1	20	2	233	.02	.195	5	13	.05	332	.01	2	1.39	.01	.15	1	77
L97+57E 96+75N	19	111	23	39	.9	4	4	91	5.56	299	5	ND	3	14	1	2	2	50	.01	.069	10	8	.06	84	.01	2	1.62	.01	.03	1	91
L98+78.5E 103+00N	2	13	17	87	.4	9	5	216	4.02	30	5	ND	1	20	1	3	2	73	.04	.082	4	17	.12	70	.01	2	1.33	.01	.03	1	1
L98+78.5E 102+75N	1	17	9	96	.3	13	6	193	3.80	17	5	ND	1	16	1	2	2	71	.04	.067	4	18	.23	68	.01	2	1.65	.01	.04	1	1
L98+78.5E 102+50N	1	13	21	205	.8	15	15	433	9.48	31	6	ND	1	11	1	2	2	239	.04	.248	4	36	.20	135	.01	2	3.36	.01	.07	2	1
L98+78.5E 102+25N	1	13	11	78	.3	8	5	154	3.43	22	5	ND	1	16	1	2	2	79	.01	.063	5	14	.08	50	.01	2	1.00	.01	.03	1	2
L98+78.5E 102+00N	1	14	11	72	.1	14	7	454	2.83	10	5	ND	1	33	1	2	2	57	.25	.036	5	17	.41	210	.01	3	1.49	.01	.04	1	2
L98+78.5E 101+50N	5	6	4	15	1.1	1	1	34	.73	12	5	ND	1	30	1	2	2	19	.01	.019	4	3	.02	83	.01	6	.25	.01	.03	1	38
L98+78.5E 101+25N	39	87	15	18	1.7	2	3	37	3.52	176	5	ND	1	23	1	10	2	39	.01	.045	4	6	.02	51	.01	2	.62	.01	.03	1	52
L98+78.5E 101+00N	3	3	4	7	.1	1	1	18	.21	7	5	ND	1	39	1	2	2	4	.02	.018	4	1	.01	89	.01	5	.26	.01	.02	1	23
L98+78.5E 100+75N	65	41	6	15	.5	2	2	41	2.29	216	5	ND	1	17	1	10	2	35	.01	.026	4	4	.03	30	.01	2	.50	.01	.04	1	21
L98+78.5E 100+50N	15	11	5	58	1.2	19	8	155	4.12	23	5	ND	1	21	1	2	3	91	.03	.045	2	17	.05	23	.01	4	.45	.01	.03	1	2
L98+78.5E 100+25N	44	16	10	11	.3	1	2	23	2.08	100	5	ND	1	35	1	11	2	20	.01	.019	4	4	.01	83	.01	2	.34	.01	.04	1	44
L98+78.5E 100+00N	134	160	39	20	1.0	3	4	44	4.21	825	5	ND	1	37	1	88	2	25	.01	.015	4	8	.03	216	.01	4	.79	.01	.09	2	310
L98+78.5E 99+75N	4	11	3	17	.3	2	2	38	1.10	22	5	ND	1	8	1	2	2	26	.01	.023	5	5	.03	26	.01	3	.45	.01	.02	1	2
L98+78.5E 99+50N	22	188	10	47	.7	13	7	165	5.98	366	5	ND	1	9	1	25	2	63	.02	.076	5	17	.29	42	.01	2	1.79	.01	.03	2	33
L98+78.5E 99+25N	10	49	15	72	2.9	11	6	144	5.17	58	5	ND	1	10	1	2	2	63	.03	.081	5	17	.19	55	.01	2	2.88	.01	.03	1	10
L98+78.5E 99+00N	19	149	17	90	1.2	12	7	161	5.09	174	5	ND	1	15	1	2	2	60	.02	.074	6	19	.23	72	.01	2	2.65	.01	.04	2	12
L98+78.5E 98+75N	8	39	9	28	.7	3	3	63	2.48	65	5	ND	1	11	1	2	2	41	.02	.038	6	8	.06	34	.01	2	.98	.01	.02	1	6
L98+78.5E 98+50N	34	218	19	54	.9	5	5	156	4.25	324	5	ND	1	23	1	6	2	51	.02	.055	6	10	.08	66	.01	2	1.64	.01	.06	3	48
L98+78.5E 98+25N	9	26	17	22	.4	1	2	46	1.37	50	5	ND	1	11	1	2	2	21	.02	.021	5	5	.03	49	.01	3	.88	.01	.05	1	45
L98+78.5E 98+00N	47	264	22	58	1.4	6	9	134	12.37	834	5	ND	1	17	1	2	3	126	.01	.148	5	8	.04	66	.03	2	.98	.01	.03	1	49
L100+00E 102+50N	2	18	9	54	.4	7	5	222	3.76	28	5	ND	1	20	1	2	2	84	.06	.085	4	12	.08	84	.02	2	.86	.01	.03	1	1
L100+00E 102+25N	1	9	8	44	.1	5	3	154	2.71	14	5	ND	1	18	1	2	2	59	.03	.049	4	10	.09	44	.01	2	.91	.01	.03	1	1
L100+00E 102+00N	1	34	13	104	.2	20	15	2055	4.37	38	5	ND	1	90	1	2	2	73	.56	.079	10	16	.36	399	.01	3	1.56	.03	.07	1	1
L100+00E 101+75N	16	204	16	60	.6	8	7	174	5.77	129	5	ND	1	12	1	4	2	92	.02	.082	5	16	.14	67	.02	2	1.59	.01	.03	1	21
L100+00E 101+50N	4	8	5	8	.1	1	1	20	.26	5	5	ND	1	22	1	2	2	5	.02	.012	3	1	.02	26	.01	5	.25	.01	.04	1	87
L100+00E 101+25N	17	77	9	35	1.4	8	5	86	4.50	54	5	ND	2	22	1	2	2	70	.01	.126	5	17	.08	46	.01	2	1.73	.01	.03	1	10
L100+00E 101+00N	30	11	8	11	.6	1	1	14	.86	27	5	ND	1	29	1	2	2	12	.01	.017	4	2	.02	38	.01	3	.55	.01	.05	1	18
L100+00E 100+75N	4	3	6	5	.1	1	1	3	.23	4	5	ND	1	34	1	2	2	5	.01	.010	3	1	.01	39	.01	3	.35	.01	.04	1	14
L100+00E 100+50N	259	94	38	9	2.9	1	3	9	4.70	1010	5	ND	1	60	1	71	5	10	.01	.017	2	1	.02	60	.01	2	.31	.03	.37	1	540
L100+00E 100+25N	155	67	12	13	.4	1	3	47	3.98	506	5	ND	1	22	1	24	3	33	.01	.037	4	3	.04	53	.01	2	.81	.01	.07	1	83
L100+00E 100+00N	189	134	11	22	.4	1	3	65	4.16	634	5	ND	1	28	1	21	2	49	.02	.049	4	4	.03	49	.01	2	.61	.01	.05	1	87
L100+00E 99+75N	7	14	4	34	.4	4	4	157	2.39	26	5	ND	2	9	1	2	2	56	.02	.028	6	8	.05	39	.01	2	.45	.01	.03	1	3
L100+00E 99+50N	3	16	11	38	.1	4	4	216	3.54	25	5	ND	1	12	1	2	2	65	.03	.034	6	10	.08	52	.02	2	.96	.01	.01	2	1
STD C/AU-S	18	62	39	132	6.9	67	30	1030	4.05	40	19	7	39	50	18	20	20	61	.48	.089	42	54	.92	179	.07	33	1.94	.06	.13	12	48

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L100+00E 99+25N	1	1	5	11	.1	1	2	60	1.74	7	5	ND	1	27	1	2	2	29	.01	.021	5	5	.03	37	.01	2	.74	.01	.02	1	7
L100+00E 99+00N	2	8	10	24	.2	2	3	64	4.27	24	5	ND	1	27	1	2	2	46	.02	.055	5	15	.03	51	.02	2	.84	.01	.03	1	26
L100+00E 98+75N	4	151	37	72	.4	6	8	161	10.56	387	5	ND	2	13	1	2	2	101	.02	.116	6	19	.08	71	.01	2	1.70	.01	.03	1	6
L101+21.5E 103+00N	1	8	6	18	.3	4	1	59	1.01	8	5	ND	1	29	1	2	2	25	.18	.015	5	11	.04	99	.01	3	.34	.01	.03	1	1
L101+21.5E 102+75N	1	11	11	63	.3	7	4	539	1.78	6	5	ND	1	34	1	2	2	32	.33	.060	3	9	.07	130	.01	5	.50	.01	.07	1	1
L101+21.5E 102+25N	2	9	10	41	.3	6	4	190	2.37	9	5	ND	1	16	1	2	2	48	.04	.043	9	10	.09	77	.02	2	.96	.01	.03	1	2
L101+21.5E 102+00N	1	8	9	33	.2	5	3	289	2.70	9	5	ND	1	22	1	2	2	60	.04	.045	5	15	.08	76	.02	4	1.17	.01	.04	1	1
L101+21.5E 101+75N	2	25	20	53	.3	3	3	175	3.45	69	5	ND	1	17	1	2	2	65	.03	.044	6	8	.04	72	.02	3	.75	.01	.03	1	5
L101+21.5E 101+50N	2	18	10	36	.4	3	4	139	2.56	59	5	ND	1	14	1	2	2	48	.02	.031	5	5	.02	34	.01	2	.58	.01	.03	1	1
L101+21.5E 101+25N	2	28	21	79	.2	10	8	219	6.13	50	5	ND	1	20	1	2	2	87	.02	.080	6	16	.08	58	.01	2	1.21	.01	.03	1	2
L101+21.5E 101+00N	2	43	21	124	.2	14	15	3840	5.14	46	5	ND	1	71	1	2	2	66	.39	.058	6	15	.17	538	.01	2	1.20	.01	.06	1	1
L101+21.5E 100+75N	7	566	20	126	.9	15	21	868	7.19	184	5	ND	1	36	1	2	2	60	.14	.082	9	15	.11	249	.01	2	2.00	.01	.04	1	1
L101+21.5E 100+50N	9	638	14	125	.4	13	16	829	9.34	317	5	ND	1	19	1	2	2	71	.07	.138	5	23	.11	158	.01	2	1.67	.01	.05	1	1
L101+21.5E 100+25N	2	27	14	65	.2	9	5	214	3.33	29	5	ND	1	20	1	2	2	66	.05	.040	6	10	.07	70	.01	2	.76	.01	.03	1	1
L101+21.5E 100+00N	1	777	29	48	2.6	6	2	148	.81	8	5	ND	1	17	1	2	2	9	.10	.210	35	6	.06	132	.01	2	3.05	.01	.06	1	6
L101+21.5E 99+75N	1	85	28	127	.9	14	47	8433	3.36	18	5	ND	1	46	1	2	2	40	.28	.097	17	10	.08	393	.01	2	.86	.01	.08	1	1
L101+21.5E 99+50N	1	21	15	64	.7	6	5	219	2.30	17	5	ND	1	24	1	2	2	48	.07	.025	9	13	.05	117	.02	2	.59	.01	.04	1	1
L101+21.5E 99+25N	1	12	8	38	.3	3	2	144	.78	6	5	ND	1	30	1	2	3	18	.16	.023	7	6	.08	188	.01	2	.60	.01	.04	1	1
STD C/AU-S	19	62	42	132	7.0	68	31	1030	4.13	42	17	8	40	51	18	18	19	60	.49	.087	39	59	.94	180	.07	32	2.00	.06	.14	13	52

APPENDIX V

Petrographic descriptions by R.C. Wells of grab samples collected from Trench #3 in July 1988.

Sample #PN-113(280 ppb Au)

SLAB DESCRIPTION: Hard, light pinky grey, fine to medium grained, highly siliceous, felsic intrusive. Latticework of fine quartz-pyrite veinlets(fracture filled) with bleached wallrocks. Estimate 3-5% vein pyrite, minor chalcopyrite, 1% fine to medium grained, disseminated, intergranular pyrite.

THIN SECTION: Patchy, fine, polygonal quartz, mosaics with islands of sericite, clay possibly after feldspar phenocrysts. Anhedral disseminated pyrite. Pyrite, chalcopyrite veinlet following fracture, strong quartz halo, minor sericite.

COMMENT: Phyllic alteration of quartz monzonite, fracture controlled copper mineralization. Similar to samples submitted by R.J. Johnston, January 1988.

Sample #PN-114

SLAB DESCRIPTION: Hard, light grey, coarse grained, highly siliceous, weakly magnetic. 1-3% disseminated pyrite, some magnetite? Rare veins.

THIN SECTION: Very similar to PN-113 but coarser grained. Groundmass locally schistose. Silica saturation indicated by late stage, coarse amoeboid, quartz metacrysts.

COMMENT: Same as PN-113. Fractures have to a large extent been healed by recrystallization. Lensy pyrite stringers possibly some chalcopyrite(fine grained).

APPENDIX VI
ROCK DESCRIPTIONS (July Mapping)

ROCK DESCRIPTIONS (MAPPING)

Sample #	Sample Type	Rock Type	Description
JD-1	Grab	1-4	fine to medium grained, light brown, felspathic sandstone.
JD-2	Grab	1-1	grey, fine grained quartzite with <2% diss. py.
JD-3	Grab	1-1	" " " " " "
JD-4	Grab	1-5	grey, medium grained, greywacke.
JD-5	Grab	1-1	light to dark grey, fine grained quartzite.
JD-6	Grab	3-2	pink to brown with 5 mm biotite crystals and books, weathers purple.
JD-7	Grab	3-2	" " " "
JD-8	Grab	1-4	Red-brown, fine grained, arkosic arenite.
JD-10	Grab	2-1	green to blue, medium grained gabbro.
JD-11	Grab	2-1	" " " "
JD-12	Grab	2-1	grey, medium grained, greywacke.
JD-13	Grab	1-1	dark grey, medium grained quartzite.
JD-14	Grab	1-1	" " " "
JD-15	Grab	1-1	" " " "
JD-16	Grab	3-2	pinkish brown, 5 mm biotite crystals, volcanic.
JD-17	Grab	3-3	green-purple, medium grained, feld phenos to 4 mm, porphyritic volcanic.

Sample #	Sample Type	Rock Type	Description
JD-18	Grab	1-4	brown, fine grained arkose.
JD-19	Grab	1-4	" " " "
JD-20	Grab	1-4	" " " "
JD-21	Grab	1-4	" " " "
RK-1	Grab	1-1	light grey, fine grained, quartzite.
RK-2	Grab	2-1	green-blue, medium grained gabbro.
RK-3	Grab	1-1	light blue, fine grained quartzite.
RK-4	Grab	3-2	pink to tan, 5 mm biotite crystals, volcanic.
RK-5	Grab	3-3	green-purple, medium grained, porphyritic volcanic, phenos to 3 mm.
RK-6	Grab	3-3	" " " "
RK-7	Grab	3-3	" " " "
RK-8	Grab	3-3	" " " "
RK-9	Grab	1-4	tan to red, fine grained arkose.
RK-10	Grab	1-4	" " " "
RK-11	Grab	1-1	dark blue, medium grained quartzite.
RK-12	Grab	1-1	" " " "
RK-13	Grab	3-3	maroon colored, medium grained, porphy. volcanic with 3-4 mm feldspar phenos.
RK-14	Grab	3-3	" " " "
RK-15	Grab	3-3	" " " "

Sample #	Sample Type	Rock Type	Description
RK-16	Grab	3-3	maroon colored, medium grained, porphy. volcanic with 3-4 mm feldspar phenos.
RK-17	Grab	3-3	" " " "
RK-18	Grab	3-3	" " " "
RK-19	Grab	3-3	" " " "
RK-20	Grab	3-3	" " " "
RK-21	Grab	3-2	pink to brown, fine grained volcanic with 4 mm biotite crystals.
RK-22	Grab	1-5	grey, medium grained greywacke.
RK-23	Grab	3-1	purple to maroon, fine grained andesite.
RK-24	Grab	3-1	" " " "
RK-25	Grab	3-1	" " " "
RK-26	Grab	3-1	" " " "
RK-27	Grab	3-1	" " " "
RK-28	Grab	1-5	dark grey, medium grained greywacke.
RK-50	Grab	1-3	grey to brown conglomerate, clasts from 1 to 3 cm set in a medium grained, felsic ground mass.
RK-51	Grab	1-3	" " " "
RK-52	Grab	1-3	" " " "
RK-53	Grab	1-3	" " " "
RK-54	Grab	3-1	purple, medium grained, andesite.

Sample #	Sample Type	Rock Type	Description
RK-55	Grab	3-1	purple, medium grained, andesite.
RK-56	Grab	3-1	" " " "
RK-57	Grab	3-1	" " " "
RK-58	Grab	3-1	" " " "
RK-59	Grab	3-1	" " " "
RK-60	Grab	3-1	" " " "
RK-61	Grab	3-1	" " " "
Rk-62	Grab	1-5	grey, medium grained greywacke.
RK-63	Grab	1-5	" " " "
RK-64	Grab	1-5	" " " "
RK-65	Grab	1-5	" " " "
RK-66	Grab	1-3	grey to brown conglomerate, clasts from 1 to 3 cm set in a medium grained felsic ground mass.
RK-67	Grab	1-3	" " " "
RK-68	Grab	1-3	" " " "
RK-70	Grab	1-5	grey, medium grained greywacke.
PN-1	Grab	1-4	pink to tan, fine grained arkose.
PN-2	Grab	1-4	" " " "
PN-3	Float	1-5	grey, medium grained, greywacke.
PN-4	Grab	1-4	tan to brown, fine grained arkose.
PN-6	Grab	1-4	" " " "
PN-6A	Grab	1-4	" " " "
PN-7a	Grab	1-5	grey to dirty grey, medium grained greywacke.

Sample #	Sample Type	Rock Type	Decription
PN-7b	Grab	1-5	grey, to dirty grey, medium grained greywacke.
PN-8	Grab	1-1	grey, fine grained quartzite.
PN-9	Grab	1-1	" " " "
PN-10	Grab	1-1	" " " "
PN-11	Grab	3-3	green to purple, fine to medium grained, porphyritic volcanic with 3-4 mm phenocrysts.
PN-12	Grab	3-2	pink to tan, fine to medium grained volcanic with biotite crystals to 5 mm.
PN-13	Grab	3-2	" " " "
PN-14	Grab	1-4	tan to brown, fine grained arkose.
PN-15	Grab	2-1	green to blue, medium grained gabbro.
PN-16	Grab	2-1	" " " "
PN-17	Grab	2-1	" " " "
PN-18	Grab	2-1	" " " "
PN-19	Grab	3-3	purple, fine to medium grained porphyritic volcanic with feldspar phenocrysts to 4 mm.
PN-20	Grab	3-1	purple, medium grained andesite.
PN-21	Grab	1-1	light to dark grey, fine grained quartzite.
PN-22	Grab	1-1	" " " "
PN-23	Grab	1-4	tan to brown, medium grained felspathic sediment (arkose).
PN-24	Grab	1-4	" " " "
PN-25	Grab	1-4	" " " "
PN-26	Grab	1-4	" " " "

Sample #	Sample Type	Rock Type	Description
PN-27	Grab	1-4	tan to brown, medium grained felspathic sediment (arkose).
PN-28	Grab	1-4	" " " "
PN-29	Grab	1-4	" " " "
PN-30	Grab	3-3	green to purple, fine to medium grained, porphyritic volcanic with 4 mm feldspar phenocrysts.
PN-31	Grab	1-5	grey, medium grained, g
PN-32	Grab	1-5	" " " "
PN-33	Grab	1-5	" " " "
PN-34	Grab	1-5	" " " "
PN-35	Grab	1-6	magnetic, fine grained, black greywacke/intrusive with carb/sil sweatouts and clasts to 1.5 cm.
PN-36	Grab	1-6	" " " "
PN-37	Grab	1-6	" " " "
PN-38	Grab	1-1	grey, fine to medium grained quartzite.
PN-39	Grab	3-3	green to purple, fine to medium grained, porphyrtic volcanic with 4 mm feldspar phenocrysts
PN-40	Grab	1-1	grey, fine grained quartzite.
PN-41	Grab	3-3	green to purple, fine to medium grained, porphyritic volcanic with 4 mm feldspar phenocrysts.
PN-42	Grab	3-3	" " " "
PN-43	Grab	3-3	" " " "
PN-44	Grab	1-1	grey, fine grained quartzite with <% fine diss. py.
PN-45	Grab	3-1	maroon, fine grained andesite.

Sample No.	Sample Type	Rock Type	Description
PN-46	Grab	1-5	grey to dark grey, medium grained, greywacke.
PN-47	Grab	1-5	" " " "
PN-48	Grab	3-1	purple to black, fine to medium grained andesite.
PN-49	Grab	3-1	" " " "
PN-50	Grab	1-6	black, magnetic, fine grained greywacke/intrusive with carb/sil sweatouts and clasts to 1.5 cm.
PN-51	Grab	1-6	" " " "
PN-52	Grab	1-6	" " " "
PN-53	Grab	1-5	grey to dirty grey, medium grained greywacke.
PN-54	Grab	1-5	" " " "
PN-55	Grab	1-5	" " " "
PN-56	Grab	1-1	grey to dark grey, fine grained quartzite with diss. py <1%.
PN-57	Grab	1-1	" " " "
PN-58	Grab	1-1	" " " "
PN-59	Grab	3-1	purple to maroon, fine grained andesite.
PN-60	Grab	1-6	magnetic, fine grained black greywacke/intrusive with carb/sil sweatouts and clasts to 1.5 cm.
PN-61	Grab	1-6	" " "
PN-62	Grab	1-6	" " " "
PN-63	Grab	1-1	light to dark grey, fine grained quartzite with <1% fine diss. py.
PN-64	Grab	1-1	" " " "

Sample No	Type of Sample	Rock Type	Description
PN-65	Grab	2-3	white to grey, medium grained granodiorite with moderate clay alteration and diss py up to 5%.
PN-66	Grab	2-3	" " " "
PN-67	Grab	2-3	" " " "
PN-68	Grab	2-3	" " " "
PN-69	Grab	2-3	" " " "
PN-70	Grab	2-3	" " " "
PN-71	Grab	2-3	" " " "
PN-72	Grab	2-3	" " " "
PN-85	Grab	1-5	grey to dirty grey, medium grained greywacke.
PN-86	Grab	1-5	" "
PN-87	Grab	3-1	purple to dark grey, fine grained andesite.
PN-88	Grab	3-1	" " " "
PN-89	Grab	1-6	magnetic, fine grained, black greywacke/intrusive with carb/sil sweatouts and clasts to 1.5 cm.
PN-90	Grab	1-6	" " " "
PN-91	Grab	3-1	purple to grey, fine grained andesite.
PN-92	Grab	1-3	brown to maroon conglomerate with clasts to 3 cm in a felsic groundmass.
PN-93	Grab	3-1	purple to light red, fine grained andesite.
PN-94	Grab	1-3	brown to maroon conglomerate with clasts to 3 cm in a felsic groundmass.

Sample No.	Sample Type	Rock Type	Description
PN-95	Grab	1-3	brown to maroon conglomerate with clasts to 3 cm in a felsic groundmass.
PN-96	Grab	3-1	purple to black, fine grained andesite.
PN-97	Grab	3-1	" " " "

APPENDIX VII

ROCK DESCRIPTIONS

GRAB SAMPLES FROM TRENCHES

JULY MAPPING

JULY MAPPING GRAB SAMPLES FROM TRENCHES

Note: Samples are from slumped material that had filled in trenches, not bedrock.

Trench #1

RK 101 - RK 125 (25 Grab Samples)

- light grey to dark grey, highly clay altered feldspar porphyry. Few relic feldspar phenos to 2 mm. Few quartz veinlets to 2 mm width. Fine diss. py 1-2%, py veinlets to 1 mm width (2%), minor cpy along fractures.

Trench #2

PN-137 - PN-156 (20 Grab Samples)

- grey to dark blue, fine to medium grained, highly silicified, moderately clay altered felspar porphyry with quartz stockwork. Few relic feldspar phenos altering to kaolinite. Dense network of criss-crossing 2 mm qtz veins. Fine diss. py 1%, mod. amount of 1 mm wide py and qtz py veinlets. Minor cpy, moly.

Trench #3

PN-73 - PN-84, PN-98 - PN 115 (30 Grab Samples)

- dark blue, medium grained, moderately silicified, moderately clay altered feldspar porphyry. Quartz veins to 1 cm. Diss. py 2%, amoeboid py cubes to 1 mm (1%) and few py veins to 1 mm width (2%).

Trench #4

PN-116 - PN 135 (20 Grab Samples)

- grey to dark blue, highly siliceous, moderately clay altered feldspar porphyry. Relic feldspar phenos to 3 mm altering to kaolinite. Diss. py 2%, py veins to 2 mm (2%). Moderate amount of quartz veins to 1 cm. Minor cpy, moly.

Trench #5

RK-88 - RK-100 (13 Grab Samples)

- dark grey to light blue, medium grained feldspar porphyry. 2 mm feldspar phenocrysts altering to kaolinite. Highly silicification and moderate clay alteration. Diss. py 2%, py in 5 mm blebs (2%) - few py, quartz-py veins to 2 mm. Some zones with intense stockwork.

Trench #6

RK-71 - RK-87 (17 Grab Samples)

- grey to dark grey, fine grained, highly silicified feldspar porphyry. Few relic phenocrysts altering to kaolinite. Fine diss py 2% and in blebs 2%, few py, qtz/py veinlets.