REPORT ON

PROSPECTING & SAMPLING

WORK

LAY PROPERTY

AIKEN LAKE

OMINECA MINING DIVISION

94-C/6W 5E
56°~~29'~~N/125°~~38'~~W
28'02" 37'21"

Owner/operator: R.J. JOHNSTON B.Sc
LACANA MINING CORPORATION
VANCOUVER, B.C.
DECEMBER 9, 1987

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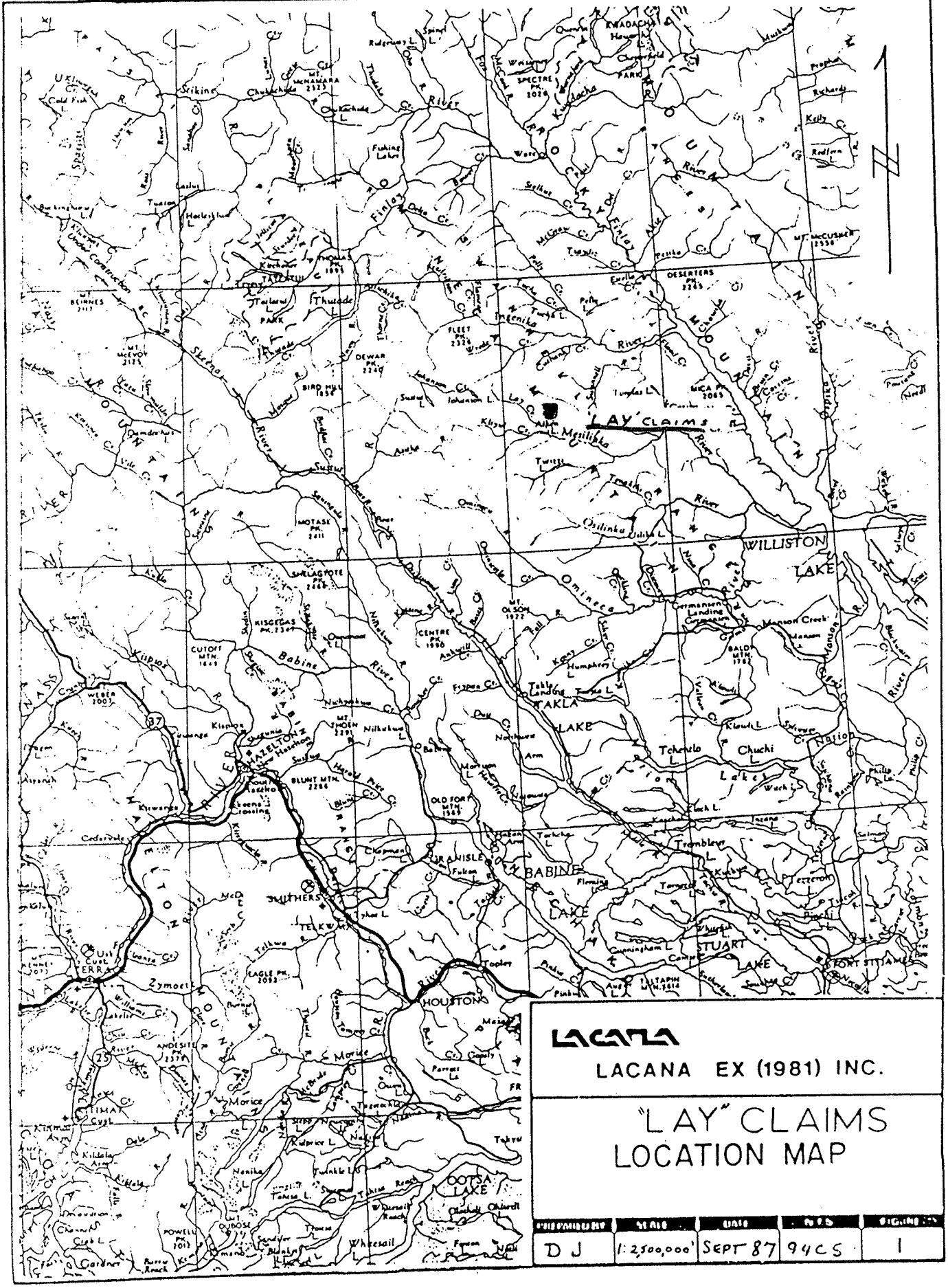
FIGURES



LACANA

LACANA EX (1981) INC.

"LAY" CLAIMS LOCATION MAP

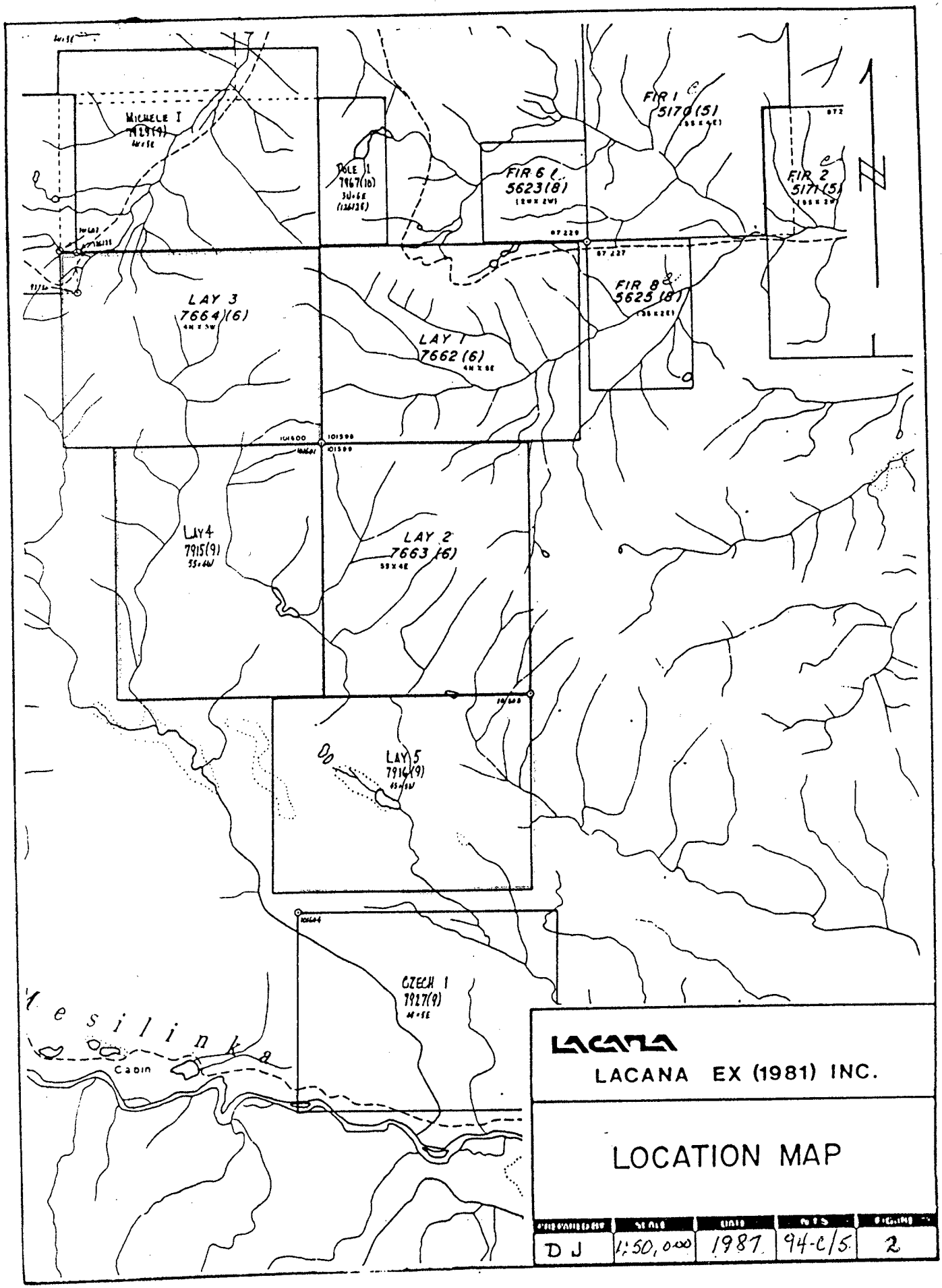
DRAWN BY	SCALE	DATE	NTS	DRAWING NO.
D J	1:2,500,000	SEPT 87	94 C S	1

SUMMARY AND CONCLUSIONS

In early August, a crew of three spent seven days on a reconnaissance of the LAY 1-5 Claims north of Aiken Lake.

Extensive sampling revealed no significant precious metal mineralization.

No further work is recommended at this time.



LACANA

LACANA EX (1981) INC.

LOCATION MAP

DRAWN BY	SCALE	DATE	N.T.S.	DRAWING
D J	1:50,000	1987	94-C/5	2

LOCATION AND ACCESS

The 'Polaris' intrusive is located 220 km NNE of Smithers, B.C. Present access is restricted to helicopter, which in 1987 was based at Moose Valley about 70 km N.W. The 'Omineca mining road' passes by Aiken Lake, 10 km S.W. of the property. Terrain is moderate to very steep and generally rugged.

CLAIM STATUS

The 5 LAY claims were staked by Smithers contractor Henk van Alphen and recorded in Smithers, B.C.

Claim	Record No.	Dimensions	Record Date	Owner	Mining Division
LAY 1	7662	4N 5E	June 27, 1986	Lacana	Omineca
LAY 2	7663	5S 4E	" "	"	"
LAY 3	7664	4N 5W	" "	"	"
LAY 4	7915	5S 4W	Sept 18, 1986	"	"
LAY 5	7916	4S 5W	" "	"	"

REGIONAL GEOLOGY

The Aiken Lake area is described in G.S.C. Memoir 274 by E. F. Roots, based on field work conducted in 1945, through 1948. The Polaris complex is a 13 km long by 2 to 4 km wide, northwest trending body of dunite and olivine rich periodotite, intruding a mixed package of volcanics and sediments of the Permian "Cache Creek" group.

PREVIOUS WORK

In 1986, two short field programmes were carried out on the property by contractors on behalf of Lacana, consisting of basic prospecting and sampling and a follow-up soil grid centred on a spot Pt rock anomaly. This work is summarized by a D. Johnson assessment report.

1987 WORK

From August 7-13 a crew consisting of Dave Murphy, Ludek Uher and myself carried out a general reconnaissance of the property, including general detailed prospecting and the collection of 234 rock, silt, seep and soil samples. Work was helicopter supported from our camp at Johanson Lake.

PROSPECTING

The property is comprised of a large buff weathering, partially serpentinized peridotite-dunite intrusive plug which covers most of the central and northeast areas, which intrudes a northeast trending, southeast dipping package of andesites and sediments with a contact aureole of coarse grained black amphibolite up to 200 m wide occurs at the contact. Local hornblende and biotite alteration is common in the surrounding supracrustals. Dykes of alaskite, hornblende syenite and gabbro are common throughout the amphibolite, as are discontinuous rusty pods with 10% pyrhotite-pyrite which rarely exceed 2 m in length. .Northeast trending rusty, oxidized shears/faults are common in the amphibolite. Fine, wispy discontinuous bands of chromite were noted in the ultramafic intrusive near the eastem boundary of the property.

A total of 136 rock, 49 silt, 43 seep, and 6 soil samples were taken on the property during the course of prospecting. All of the areas of significant oxidation and all the noted sulphide occurrences were sampled, as well as grabs of the various rock types. All of the major and minor drainages and numerous seeps were sampled in detail, and "B" horizon soils were taken in areas of rusty soils, giving good coverage of the property.

ASSAYING

All of the collected samples were shippped to Acme Analytical Laboratories for multi-element ICP analysis, and for Au, Pt, and Pd analysis by Fire Assay -Mass Spectometer determination. Complete analyses are included in Appendix III.

DISCUSSION

With the exception of rock sample 6198 which returned low, but anomalous values of 145 ppb Au, 301 Pt and 323 Pd, with anomalous Cu and Ni, the sampling obtained no significant precious metal values. Sample 6198 is located 200 m west of the 1985 Pt high and is in a coarse mal-po-py bearing amphibolite, and appears to have limited extent. Resampling of the 1986 Pt high showed it to be small as well, and the previous Pt values could not be duplicated.

Seeps and silts around the peridotite-dunite intrusive show high Ni values, though no precious metal values were obtained from the chromite or minor sulphides.

APPENDIX I

STATEMENT OF QUALIFICATIONS

I, ROBERT J. JOHNSTON of the City of Vancouver, B.C. do hereby certify that:

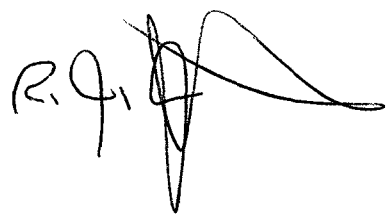
1. I am a graduate of the University of Saskatchewan with a B.Sc in Geological Services, 1982.

2. I am presently employed as a geologist with Lacana Mining Corporation of 312 - 409 Granville St., Vancouver, B.C.

3. I have practiced my profession with various mining companies in B.C., Yukon, Northwest Territories and Ontario during fields seasons since 1976.

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

DATED at Vancouver, B.C. this 9th day of December, 1987.



STATEMENT OF COSTS

Helicopter - 130 hours @ $495/hour + fuel	$ 7,212.00
Assaying Acme Labs Invoice 87-3457	4,951.40
	$12,163.40

APPENDIX III

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-5 ROCK P6 SOIL P7-8 SILT P9-10 SEEP AU## PT## PD## BY FA-MS.

DATE RECEIVED: AUG 20 1987 DATE REPORT MAILED: Aug 31/87 ASSAYER: D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

LACANA MINING PROJECT-6312 File # 87-3457 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	PT## PPB	PD## PPB
6053	1	355	16	35	.4	49	51	287	10.32	7	5	ND	5	32	1	2	10	400	1.36	.006	2	112	1.33	63	.29	19	1.03	.22	.09	1	5	59	77
6054	1	71	2	55	.1	64	29	1096	5.52	5	5	ND	1	184	1	23	2	117	10.93	.020	2	238	4.80	52	.01	8	1.14	.01	.04	1	1	4	4
6055	1	84	2	50	.1	14	12	586	3.19	3	5	ND	2	51	1	2	2	77	3.30	.057	4	20	1.13	91	.13	10	1.71	.08	.09	1	1	2	4
6056	1	20	5	74	.1	12	11	1275	4.33	10	5	ND	1	111	1	8	2	22	8.61	.011	2	5	.71	1448	.01	3	.13	.01	.05	1	1	2	2
6057	1	3	7	25	.1	5	3	606	1.24	2	5	ND	1	183	1	2	5	16	13.09	.013	4	6	.40	360	.04	88	.64	.01	.08	2	1	2	2
6058	1	127	2	9	.2	73	13	149	1.48	2	5	ND	2	16	1	4	7	39	.85	.019	2	221	1.00	26	.08	2	.52	.07	.03	1	1	76	121
6059	1	508	2	30	.1	26	40	287	5.59	2	5	ND	2	28	1	2	5	278	1.48	.054	2	21	.74	67	.18	14	1.19	.12	.06	1	1	7	13
6060	1	183	4	40	.1	76	27	995	4.80	18	5	ND	1	173	1	81	2	93	11.01	.025	2	144	5.71	20	.01	7	.81	.01	.06	2	1	60	55
6061	1	252	7	9	.2	47	8	768	.91	2	5	ND	1	143	1	2	9	22	15.91	.004	2	492	1.22	61	.03	2	.35	.02	.01	1	1	18	17
6062	1	83	5	50	.1	183	21	797	4.11	6	5	ND	2	52	1	7	4	63	3.95	.042	4	272	1.20	106	.03	5	1.12	.03	.07	1	1	4	5
6063	1	12	2	1	.1	31	1	112	.35	2	5	ND	7	35	1	2	4	5	1.68	.002	7	5	1.47	9	.03	7	1.08	.07	.01	1	1	2	2
6064	1	40	2	1	.1	7	1	63	.42	2	5	ND	30	52	1	2	4	6	.19	.001	8	4	.19	19	.05	2	.33	.23	.02	1	1	2	2
6065	1	139	3	85	.2	29	22	866	5.79	25	5	ND	4	35	1	16	9	46	2.61	.092	2	12	.93	64	.01	8	.66	.06	.13	1	1	2	3
6066	1	99	7	73	.1	25	15	740	4.68	4	5	ND	3	34	1	2	3	94	3.20	.065	8	36	2.86	55	.23	8	2.80	.02	.13	2	3	2	4
6067	4	13	4	26	.1	1319	81	826	5.34	2	5	ND	3	4	1	2	20	6	.16	.003	2	193	21.54	7	.01	18	.21	.01	.01	2	1	22	2
6068	1	1	2	6	.1	152	14	196	1.16	2	5	ND	1	7	1	2	6	12	.98	.003	2	566	3.74	6	.02	2	.34	.01	.01	1	1	6	3
6069	1	365	2	28	.1	102	26	474	4.94	2	5	ND	2	87	1	2	2	190	2.44	.060	2	153	5.40	41	.29	26	2.38	.40	.23	2	5	7	10
6070	1	16	6	15	.1	120	20	285	2.23	2	5	ND	1	4	1	2	6	21	.28	.001	2	161	2.77	2	.03	2	.16	.03	.02	1	1	4	5
6071	4	11	5	23	.1	1192	82	746	4.43	2	5	ND	1	3	1	2	28	1	.05	.002	2	122	22.52	3	.01	6	.08	.02	.01	1	1	2	2
6072	1	14	2	14	.1	82	14	536	1.95	50	5	ND	1	268	1	2	3	36	12.04	.003	2	328	3.87	15	.01	2	.41	.01	.03	2	1	9	11
6073	2	11	2	20	.1	391	47	893	5.56	166	5	ND	2	319	1	22	14	18	2.42	.006	2	177	12.79	6	.01	2	.16	.01	.03	1	2	12	2
6074	2	7	9	23	.1	252	38	813	4.15	95	7	ND	1	1106	1	18	4	27	9.96	.002	2	172	10.51	8	.01	2	.07	.01	.02	1	1	7	2
6075	1	4	2	17	.1	194	30	618	3.44	19	5	ND	1	352	1	2	2	57	8.86	.005	2	654	8.50	14	.01	5	.62	.01	.03	1	1	3	2
6076	4	220	2	83	.1	49	23	977	5.59	9	5	ND	1	81	1	2	4	60	4.40	.065	4	43	1.37	44	.01	2	.61	.05	.06	1	1	4	4
6077	90	71	8	8	.2	5	4	103	1.53	2	5	ND	12	201	1	2	3	8	1.48	.052	28	10	.36	72	.01	11	.41	.04	.13	1	33	2	2
6078	108	50	8	11	.1	12	4	142	1.62	2	5	ND	15	47	1	2	2	10	.89	.041	38	22	.33	73	.01	2	.44	.04	.12	1	1	2	2
6079	1	48	2	42	.1	185	35	1107	5.19	6	5	ND	1	185	1	7	2	81	8.46	.050	3	445	7.26	144	.01	3	.57	.02	.11	1	3	14	8
6080	1	7	2	7	.1	18	3	83	.98	16	5	ND	14	18	1	2	4	3	.30	.005	4	2	.30	15	.01	2	.16	.09	.01	2	15	2	2
6101	1	215	7	65	.3	69	38	1202	8.67	8	5	ND	1	120	1	20	2	242	8.51	.004	2	67	5.02	18	.01	8	.60	.01	.06	1	2	39	33
6102	1	204	2	74	.1	42	42	1059	9.01	20	5	ND	1	177	1	78	2	213	6.09	.018	2	71	5.35	161	.01	3	.86	.03	.10	1	6	39	41
6103	1	14	6	16	.2	9	6	112	1.91	3	5	ND	2	47	1	2	5	95	.43	.029	2	16	.23	34	.04	4	.31	.09	.01	2	1	3	2
6104	1	48	7	64	.2	18	12	1034	5.57	2172	5	ND	1	450	1	11	2	62	12.27	.044	3	40	5.08	13	.01	4	.42	.02	.08	1	3	4	5
6105	1	814	9	66	.4	113	53	1178	12.14	2	5	ND	1	58	1	8	4	597	7.10	.009	2	42	4.71	41	.14	6	1.60	.04	.02	1	4	19	16
6106	1	23	2	33	.1	139	31	879	4.12	29	5	ND	1	218	1	3	2	64	7.11	.018	2	502	5.71	126	.02	3	1.29	.04	.04	1	1	12	6
6107	1	262	4	25	.1	57	18	366	4.19	13	5	ND	2	59	1	2	4	160	3.27	.021	2	214	1.61	16	.19	4	.96	.11	.06	2	1	17	26
STD C/FA-5X	18	61	37	133	6.9	70	29	1055	4.05	43	18	7	38	52	18	16	20	59	.55	.089	37	61	.93	183	.08	38	1.83	.06	.13	13	97	101	99

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB
6108	1	703	20	44	.2	107	56	296	14.89	18	5	ND	5	35	2	5	7	716	1.24	.015	2	91	1.40	38	.36	2	1.06	.16	.09	2	6	9	12
6109	1	401	9	36	.1	7	13	342	4.03	2	5	ND	1	134	1	2	2	183	2.72	.105	3	15	.76	29	.24	2	2.27	.11	.06	1	3	9	11
6110	3	32	2	49	.1	1184	68	741	5.88	3	5	ND	2	14	1	2	2	62	.41	.015	2	831	17.43	73	.06	41	1.35	.02	.04	1	2	5	5
6111	1	15	6	28	.1	67	24	995	4.49	4	5	ND	1	204	1	2	2	72	13.47	.010	2	431	6.00	30	.01	2	.96	.01	.07	1	2	9	6
6112	1	12	8	6	.1	12	2	104	1.11	10	5	ND	11	2	1	2	2	9	.01	.006	3	8	.06	4	.01	2	.14	.13	.01	1	3	2	2
6113	1	522	14	20	.1	58	28	407	12.48	2	5	ND	2	17	1	3	13	681	.51	.005	2	187	1.36	10	.32	2	.33	.05	.04	1	5	17	25
6114	1	311	7	44	.1	86	20	1130	4.66	35	5	ND	1	366	1	148	2	78	11.94	.040	2	83	4.67	13	.01	16	.21	.02	.08	1	4	15	15
6115	1	116	4	76	.1	12	19	364	7.50	2	5	ND	2	141	1	2	3	237	4.41	.366	5	19	.83	39	.13	2	3.15	.19	.10	1	2	2	3
6116	1	218	7	36	.1	15	19	301	5.91	9	5	ND	1	73	1	2	2	311	2.77	.083	3	24	.72	26	.17	7	2.41	.18	.08	1	4	8	17
6117	1	516	10	39	.1	25	23	367	9.92	2	5	ND	2	93	1	2	8	292	1.73	.067	2	37	1.70	49	.41	2	1.90	.32	.16	1	2	9	14
6118	1	540	16	56	.1	76	41	799	9.07	13	5	ND	1	159	1	37	3	315	4.79	.055	2	172	3.34	27	.16	2	1.79	.14	.11	1	4	8	11
6119	4	8	2	28	.1	1451	90	902	5.86	3	5	ND	1	3	1	2	3	1	.01	.003	2	49	24.43	5	.01	3	.36	.01	.02	1	2	2	2
6120	2	10	2	22	.1	664	47	530	3.59	2	5	ND	1	3	1	2	2	3	.14	.002	2	173	12.23	1	.01	4	.04	.01	.01	1	2	2	2
6121	1	6	4	1	.1	21	2	25	.32	2	5	ND	1	751	1	2	2	4	1.00	.011	3	15	.32	155	.01	9	1.71	.80	.10	1	2	2	2
6122	1	28	29	1	.1	97	5	75	.50	3	5	ND	9	131	1	2	2	14	.32	.002	7	19	.54	17	.03	2	1.47	1.27	.13	1	2	3	5
6123	1	286	7	86	.1	21	17	409	5.20	3	5	ND	3	57	1	2	2	132	1.46	.142	5	26	1.25	25	.21	2	1.86	.11	.18	1	3	3	7
6124	1	130	8	50	.2	22	18	582	7.66	2	5	ND	2	139	1	3	2	280	4.02	.198	5	50	1.89	76	.30	2	3.00	.40	.22	1	3	7	9
6125	1	134	40	62	.1	42	17	339	3.53	5	5	ND	2	36	1	2	2	69	1.21	.098	5	70	1.09	45	.17	2	1.29	.14	.08	1	4	4	5
6126	1	277	5	70	.2	14	42	477	9.40	2	5	ND	1	44	1	5	9	176	1.33	.086	3	10	.85	27	.24	6	1.22	.09	.04	1	5	7	5
6127	1	18	18	18	.2	12	7	142	1.28	4	5	ND	8	32	1	2	2	24	1.63	.020	7	14	.27	19	.17	2	.85	.07	.03	1	1	2	2
6128	1	390	12	58	.1	20	57	503	8.33	2	5	ND	2	84	1	2	3	368	2.48	.030	2	10	2.40	59	.44	2	2.43	.40	.27	1	3	2	2
6129	1	120	7	78	.1	9	16	1080	5.62	9	5	ND	2	84	1	43	2	74	3.75	.080	6	14	1.44	135	.01	4	.60	.07	.08	1	1	2	2
6130	1	168	4	13	.1	21	12	166	2.48	4	5	ND	11	38	1	2	2	61	1.01	.023	4	22	.64	18	.18	2	.56	.21	.04	1	3	6	8
6131	1	420	5	29	.3	42	28	386	6.37	5	5	ND	2	85	1	2	2	184	2.41	.031	2	40	2.20	69	.41	7	1.73	.43	.19	1	4	12	14
6132	1	439	17	32	.3	58	27	389	7.11	18	5	ND	2	67	1	2	2	198	2.07	.030	2	38	1.98	69	.41	11	1.62	.37	.19	1	3	11	15
6133	1	35	6	5	.1	11	10	100	3.40	2	5	ND	2	19	1	5	2	38	.47	.047	6	6	.22	48	.29	2	.19	.12	.01	1	2	2	3
6134	1	72	3	85	.1	15	20	989	6.21	11	5	ND	1	77	1	23	2	67	6.57	.084	5	12	1.20	117	.01	6	1.13	.08	.13	1	2	3	5
6135	1	72	7	19	.1	27	23	163	5.14	2	5	ND	2	34	1	3	2	99	1.25	.137	3	43	.84	15	.51	6	.58	.16	.05	1	2	12	36
6136	4	6	3	47	.1	1527	85	1129	7.56	2	5	ND	1	1	1	2	2	11	.06	.001	2	276	22.04	6	.01	21	.04	.01	.01	1	2	9	4
6137	1	1	11	1	.1	5	1	33	.15	6	5	ND	7	319	1	2	2	2	.40	.002	9	1	2.80	175	.01	11	2.03	.22	.17	1	1	2	2
6138	3	22	6	29	.1	700	57	1011	5.64	9	5	ND	2	61	1	9	2	17	1.69	.004	2	269	16.83	20	.01	2	.05	.02	.05	2	2	4	2
6139	1	8	2	7	.1	127	12	356	1.67	3	5	ND	6	175	1	2	2	21	3.73	.002	18	145	3.45	26	.01	2	.13	.09	.02	1	1	2	2
6140	1	55	2	31	.1	98	24	759	4.35	7	5	ND	1	239	1	2	2	115	5.48	.057	2	227	4.12	321	.14	2	1.17	.31	.16	1	1	7	9
6141	1	7	2	16	.1	130	15	550	3.05	184	5	ND	1	203	1	6	2	60	7.27	.001	2	218	6.10	20	.01	3	.17	.04	.04	1	3	10	2
6142	1	228	6	60	.1	26	21	366	4.74	2	5	ND	1	72	1	2	5	148	3.01	.063	3	48	.91	34	.20	2	3.84	1.22	.30	1	2	2	5
6143	1	523	3	28	.1	130	30	306	3.74	5	5	ND	1	98	1	2	2	105	2.46	.064	2	122	1.37	18	.14	6	2.29	.29	.08	3	2	9	14
STD C/FA-5X	19	59	41	134	7.1	71	28	1047	4.07	37	17	8	39	52	18	17	21	58	.50	.090	38	64	.91	179	.08	35	1.85	.07	.13	14	103	98	102

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB
6144	1	83	122	58	.8	13	9	228	2.40	2	5	ND	7	49	1	10	2	39	2.28	.113	13	14	.47	59	.15	2	1.92	.05	.04	1	2	2	2
6145	1	374	81	147	.6	22	19	302	4.25	2	5	ND	2	149	1	2	2	114	2.84	.157	6	24	.76	112	.16	8	2.74	.13	.14	1	5	2	4
6146	1	50	29	17	.2	57	10	128	1.74	3	5	ND	2	23	1	2	2	46	1.13	.002	2	218	1.36	18	.10	2	.54	.11	.04	1	1	11	10
6147	1	526	18	46	.3	46	20	333	4.85	3	5	ND	2	87	1	2	2	274	2.51	.002	2	60	2.95	66	.53	2	2.41	.43	.19	1	2	7	14
6148	5	287	13	58	.3	18	15	318	3.65	2	5	ND	2	69	1	2	2	101	1.67	.073	7	29	.93	129	.19	8	2.19	.16	.18	1	3	3	4
6149	1	31	10	35	.1	46	19	942	3.76	36	5	ND	1	218	1	10	2	71	11.05	.015	2	336	5.08	19	.02	14	.50	.02	.04	1	1	7	6
6150	1	164	20	31	.1	15	15	291	6.76	11	5	ND	1	63	1	2	2	164	1.66	.118	3	61	1.41	40	.44	2	1.08	.26	.11	1	1	5	7
6186	1	318	18	19	.6	103	26	188	4.63	6	5	ND	1	24	1	2	2	67	1.48	.011	2	139	1.23	17	.11	2	.62	.13	.06	1	17	47	52
6187	1	104	9	49	.1	90	27	904	4.78	40	5	ND	1	198	1	16	2	118	9.83	.010	2	352	4.38	83	.04	3	1.02	.03	.07	1	4	12	12
6188	1	15	10	49	.1	5	6	1445	3.20	7	5	ND	1	129	1	2	2	23	12.65	.013	2	3	.61	821	.01	6	.50	.01	.05	1	1	2	2
6189	11	182	15	23	.1	14	12	202	1.83	3	5	ND	1	79	1	2	2	30	1.52	.031	6	11	.29	71	.13	2	1.05	.02	.04	1	1	2	2
6190	1	31	15	16	.1	3	1	115	.74	3	5	ND	4	30	1	2	2	15	3.01	.011	7	5	.16	28	.08	4	1.89	.04	.06	1	4	2	2
6191	1	37	11	17	.1	6	1	192	.54	2	5	ND	3	43	1	2	2	13	4.95	.040	14	8	.12	7	.12	940	1.90	.02	.02	1	3	2	2
6192	1	25	5	9	.1	41	7	92	.79	2	5	ND	1	19	1	2	2	15	1.14	.011	2	151	1.02	5	.04	42	.65	.05	.01	1	3	15	16
6193	1	162	13	49	.2	13	20	472	4.78	6	5	ND	2	33	1	2	2	188	1.88	.067	3	11	.87	117	.18	14	2.06	.11	.10	1	1	7	10
STD C/FA-5X	18	59	38	131	6.9	65	28	1008	3.81	39	18	7	40	51	17	17	21	57	.52	.087	38	62	.86	177	.09	38	1.85	.06	.13	14	101	98	102
6194	1	374	4	10	.1	40	94	121	3.99	2	5	ND	1	18	1	2	2	26	.90	.009	2	61	1.08	35	.04	5	.40	.05	.03	1	1	5	7
6195	1	38	18	10	.1	10	5	133	.96	5	5	ND	3	29	1	2	2	19	1.07	.009	6	6	.23	49	.08	2	1.09	.07	.07	1	1	2	2
6196	1	557	11	29	1.1	67	25	320	8.12	59	5	ND	3	78	1	2	2	135	1.53	.045	3	54	1.33	39	.38	2	1.09	.23	.08	1	10	32	25
6197	1	266	4	3	.1	39	2	40	.37	3	5	ND	9	129	1	2	2	3	1.86	.004	5	3	.58	61	.03	18	3.12	2.09	.03	1	36	4	7
6198	1	2994	13	25	2.7	731	31	353	4.30	10	5	ND	1	7	1	2	2	49	.61	.006	2	739	3.83	18	.08	4	.68	.01	.01	1	145	301	323
6199	1	465	11	39	.2	413	45	656	5.54	4	5	ND	1	6	1	2	2	87	.42	.002	2	753	6.34	19	.10	17	.36	.03	.01	1	22	57	69
6200	1	1961	5	26	.6	311	33	383	3.36	4	5	ND	1	12	1	2	2	28	.46	.001	2	284	4.17	6	.04	6	.27	.02	.01	2	6	17	20
6201	1	24	5	5	.1	14	4	85	.66	2	5	ND	18	26	1	2	2	15	.48	.007	32	46	.44	4	.10	2	.30	.14	.01	1	1	6	13
6202	1	213	6	58	.1	42	21	1143	4.51	19	5	ND	1	165	1	109	2	44	10.12	.034	2	64	3.88	189	.01	5	.13	.01	.06	1	2	25	30
6203	1	117	9	23	.2	11	10	243	2.83	4	5	ND	3	142	1	4	2	34	2.15	.162	8	18	.48	59	.24	5	1.14	.05	.05	1	2	2	2
6204	1	806	6	51	.9	65	48	587	8.01	8	5	ND	2	35	1	2	2	224	2.55	.055	4	55	2.16	47	.43	2	1.75	.47	.15	1	3	39	42
6205	1	322	9	13	.1	19	9	93	3.06	2	5	ND	3	24	1	2	2	25	.46	.052	11	9	.26	61	.29	2	.33	.11	.04	1	1	2	5
6206	1	511	5	20	.4	7	13	274	3.92	2	5	ND	2	32	1	2	2	121	1.44	.052	2	37	1.25	82	.20	2	.97	.18	.08	1	1	10	28
6207	1	340	12	19	.1	6	23	248	7.36	22	5	ND	1	40	1	2	2	345	1.41	.026	2	39	1.31	58	.19	3	.77	.16	.07	1	1	7	35
6208	10	144	7	56	.1	4	18	482	4.82	8	5	ND	2	58	1	2	2	149	2.04	.127	5	5	.88	44	.18	3	2.06	.11	.07	1	1	3	5
6209	1	1364	9	16	.5	119	16	213	1.91	9	5	ND	1	33	1	2	2	54	1.38	.025	2	92	1.84	29	.14	2	1.08	.12	.05	1	2	150	174
6210	1	192	11	48	.3	16	14	321	3.75	8	5	ND	2	15	1	3	2	101	1.75	.080	7	27	.82	20	.35	5	1.86	.06	.11	1	1	2	3
6211	1	733	18	31	1.1	106	49	597	16.29	8	5	ND	3	9	1	2	2	855	.50	.001	2	49	2.67	8	.56	2	.35	.03	.02	1	13	23	12
6212	1	264	12	26	.2	24	32	347	14.77	16	5	ND	1	18	1	2	2	890	1.06	.001	2	74	1.03	21	.39	2	.67	.08	.04	1	1	4	6
6213	2	6612	6	41	1.6	18	13	327	3.70	8	5	ND	6	93	1	4	2	84	.96	.062	16	39	1.23	108	.26	13	1.57	.07	.05	7	40	2	4

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB
6214	1	216	3	16	.1	22	7	300	2.20	2	5	ND	14	51	1	2	3	28	1.72	.015	2	17	.59	11	.01	2	.24	.11	.01	1	1	2	2
6215	1	133	2	32	.1	22	22	414	5.32	2	5	ND	4	102	1	2	2	208	2.79	.229	3	22	1.82	75	.27	8	1.84	.38	.18	1	2	3	6
6216	1	149	2	51	.1	25	18	529	5.05	3	5	ND	2	107	1	2	2	161	2.91	.250	5	53	1.55	44	.20	2	2.39	.19	.11	1	2	3	6
6217	1	569	2	53	.1	46	29	662	5.80	2	5	ND	2	190	1	2	2	202	3.21	.086	2	28	2.07	82	.30	4	2.67	1.06	.40	1	1	20	18
6218	2	11	7	23	.1	567	54	989	5.13	297	5	ND	1	56	1	24	2	21	4.95	.009	2	321	14.21	20	.01	2	.10	.02	.04	1	9	4	2
6219	1	732	2	32	.1	75	35	614	4.58	7	5	ND	2	172	1	2	2	51	.97	.026	2	53	2.82	54	.08	6	2.82	1.64	.06	1	4	23	39
6220	4	21	7	62	.1	1384	99	1417	8.55	2	5	ND	2	2	1	2	2	7	.12	.002	2	183	22.32	4	.01	22	.04	.01	.01	1	1	4	4
6221	2	147	7	81	.1	1089	96	1289	9.23	2	5	ND	2	5	1	2	2	16	.16	.005	2	198	16.11	15	.02	12	.16	.02	.01	1	1	7	7
6222	2	6687	9	34	3.4	386	58	765	7.12	2	5	ND	2	6	1	2	2	48	.27	.001	2	134	9.55	38	.04	6	.21	.02	.02	8	43	54	45
6223	1	208	7	35	.2	395	59	674	10.11	2	5	ND	1	4	1	2	2	427	.23	.002	2	436	6.48	10	.34	7	.23	.01	.01	2	6	34	47
6224	1	1102	11	12	.5	163	31	371	9.16	2	5	ND	2	4	1	2	2	494	.45	.001	2	352	1.11	10	.41	3	.24	.02	.01	1	12	100	90
6225	20	2143	10	86	.8	1350	116	827	15.33	2	5	ND	1	3	2	2	2	59	.04	.002	2	252	18.08	15	.01	11	.17	.01	.01	5	6	30	13
6251	1	65	4	74	.1	17	14	967	5.03	2	5	ND	2	34	1	2	2	52	3.98	.065	5	20	.60	187	.01	8	.85	.06	.13	1	2	2	4
6252	1	70	5	36	.1	94	27	1005	5.04	18	5	ND	1	294	1	8	2	73	14.15	.001	2	118	5.42	15	.01	2	.16	.01	.06	1	1	18	17
6253	1	141	2	86	.1	24	19	653	6.08	5	5	ND	2	37	1	2	2	103	.73	.069	4	30	2.11	21	.30	5	2.28	.05	.07	1	2	2	7
6254	1	60	2	79	.1	169	30	1447	6.14	12	5	ND	1	143	1	12	3	76	7.96	.084	3	174	3.97	290	.01	4	.57	.05	.11	1	2	5	7
6255	1	136	2	71	.1	124	28	1191	5.91	2	5	ND	1	127	1	2	2	143	6.39	.097	5	359	3.35	29	.08	6	2.33	.03	.10	1	1	7	8
6256	17	100	4	59	.2	15	15	519	4.53	3	5	ND	3	38	1	8	2	48	2.48	.077	8	15	.66	63	.14	8	1.44	.04	.13	1	3	2	2
6257	1	64	2	39	.1	24	9	623	2.30	10	5	ND	2	84	1	2	2	54	4.46	.148	9	39	.74	59	.21	13	1.52	.04	.05	1	1	2	2
6258	1	7	5	15	.1	173	24	285	2.26	2	5	ND	1	2	1	2	5	14	.26	.001	2	126	4.17	3	.02	2	.14	.01	.01	1	1	4	2
6259	5	7	2	16	.1	1919	63	567	3.34	2	5	ND	1	2	1	2	2	1	.12	.004	2	66	24.28	1	.01	14	.04	.01	.01	1	1	2	2
6260	3	21	7	41	.1	812	87	1004	7.14	2	5	ND	2	3	1	2	2	25	.29	.001	2	550	16.19	2	.02	17	.11	.01	.01	1	2	43	28
6261	3	35	2	55	.1	978	84	1190	8.66	2	5	ND	1	9	1	2	2	71	.58	.005	2	872	15.42	8	.08	6	.54	.01	.01	2	1	48	52
6262	4	12	6	27	.1	1252	65	921	5.73	2	5	ND	1	1	1	2	2	8	.06	.001	2	335	18.98	1	.01	9	.06	.01	.01	1	1	13	6
6263	4	9	3	48	.1	1893	82	980	6.32	2	5	ND	1	2	1	3	2	4	.04	.003	2	156	23.88	18	.01	2	.12	.01	.08	1	1	3	2
6264	1	258	3	21	.3	43	28	416	11.33	2	5	ND	2	67	1	2	2	552	1.72	.002	2	39	2.35	54	.45	2	1.68	.33	.20	1	2	8	11
6270	1	195	5	61	.4	102	44	1064	11.39	28	5	ND	1	259	1	2	2	540	8.58	.015	2	78	4.53	26	.23	2	2.06	.01	.05	2	5	39	73
6271	6	195	4	63	.4	95	43	1135	11.61	30	5	ND	1	289	1	2	2	446	8.86	.028	2	108	4.86	21	.13	3	1.98	.01	.09	2	6	33	53
6272	1	23	2	27	.1	60	19	774	3.55	2	5	ND	1	366	1	2	2	90	10.25	.027	2	155	3.50	248	.02	4	.73	.03	.06	1	2	11	16
6273	1	388	5	27	.2	31	59	370	10.84	2	5	ND	2	69	1	2	2	530	1.79	.015	2	10	1.98	44	.38	2	1.54	.34	.19	1	2	11	14
6274	1	62	2	27	.1	83	28	773	4.40	3	5	ND	1	160	1	19	2	72	11.08	.015	2	255	6.45	24	.01	3	.33	.01	.08	1	2	10	12
6275	1	607	5	62	.2	80	50	1148	9.19	14	5	ND	1	193	1	95	2	151	8.45	.032	2	83	5.50	34	.01	7	.69	.02	.18	2	5	81	33
6276	1	644	9	77	.2	81	61	966	8.12	17554	6	ND	1	515	1	424	2	231	10.90	.001	2	51	4.50	32	.01	12	.19	.03	.14	5	118	17	19
6277	1	23	2	17	.1	158	34	784	3.97	5	5	ND	1	113	1	8	2	48	10.89	.002	2	301	8.37	16	.01	2	.20	.01	.04	1	2	15	5
STD C	18	60	39	134	7.1	68	28	1046	3.93	38	18	8	39	52	18	17	19	58	.51	.083	37	60	.87	178	.08	36	1.78	.06	.13	13	98	102	101

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB
DMS-1	2	112	15	74	.1	937	51	773	4.89	11	5	ND	3	30	1	2	3	53	.41	.049	5	665	9.21	78	.10	12	1.84	.02	.03	1	2	5	8
JPD-1	2	402	21	173	.1	480	57	769	6.73	16	5	ND	1	79	1	2	2	88	1.25	.121	5	381	5.12	97	.11	7	2.79	.03	.08	1	5	11	28
JPD-2	5	94	11	64	.1	98	21	501	4.68	6	5	ND	1	24	1	4	2	87	.67	.074	6	233	1.85	173	.05	6	1.94	.03	.05	1	1	8	13
LSO-1	3	55	14	51	.1	1075	72	955	5.95	2	5	ND	1	12	1	2	2	53	.74	.015	2	459	15.06	15	.08	6	.71	.01	.02	1	1	15	12
LSO-2	2	80	11	34	.1	560	48	640	5.24	2	5	ND	1	9	1	2	2	111	.88	.012	2	426	8.98	13	.14	5	.75	.01	.01	1	24	106	32
LSO-3	2	116	18	54	.1	705	55	911	5.21	12	5	ND	1	17	1	2	2	64	.57	.035	3	258	9.59	54	.09	9	1.18	.02	.05	1	2	13	15
LSO-4	1	75	26	82	.1	795	109	1977	11.80	483	5	ND	1	38	1	48	2	109	.34	.066	3	423	3.39	63	.02	3	1.23	.01	.06	1	16	22	10
STD C/FA-5X	20	60	41	133	7.6	72	29	1113	4.02	41	17	8	40	52	19	18	19	61	.46	.090	40	58	.87	182	.09	39	1.95	.07	.14	14	103	98	100

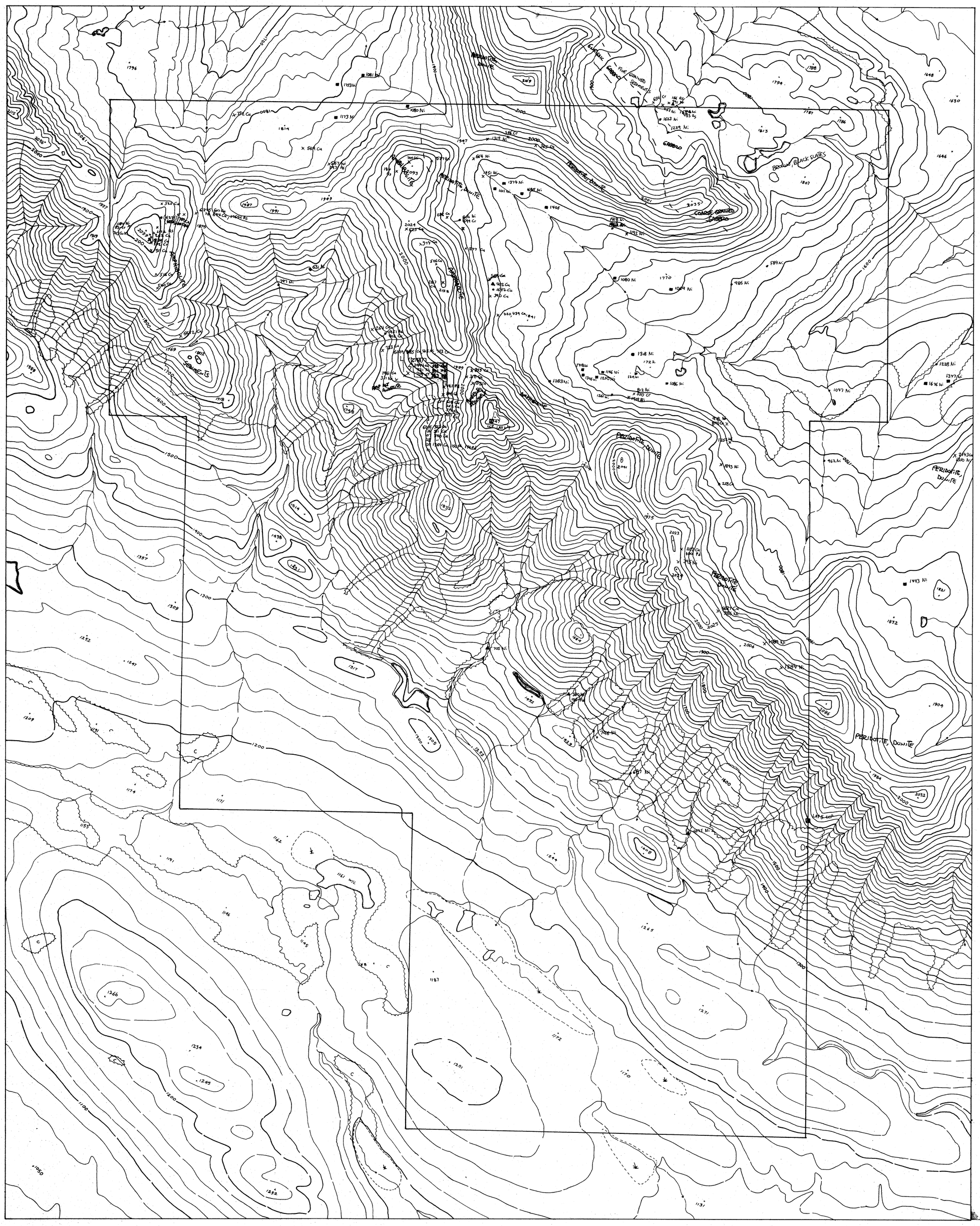
SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU## PPB	PT## PPB	PD## PPB
DMX-2	2	66	3	57	.2	951	48	645	4.13	43	5	ND	2	28	1	2	2	45	.66	.040	2	901	10.84	36	.06	24	1.05	.03	.03	1	2	7	30
DMX-3	1	52	4	31	.1	95	18	249	2.00	71	5	ND	1	21	1	2	8	49	1.02	.026	2	212	2.02	12	.07	8	.82	.03	.02	1	5	6	30
DMX-4	1	35	11	46	.2	496	31	496	3.08	24	5	ND	2	13	1	2	2	32	.40	.016	2	438	6.71	17	.04	26	.54	.03	.01	1	1	6	10
DMX-6	1	38	9	24	.2	134	17	247	1.87	4	5	ND	3	19	1	2	4	29	.75	.015	2	241	2.52	10	.05	3	.68	.08	.02	1	1	17	10
DMX-7	1	33	5	31	.1	271	23	372	2.97	5	5	ND	2	17	1	2	2	54	.56	.012	2	388	3.85	14	.06	21	.49	.05	.02	2	1	9	9
DMX-8	2	35	7	45	.1	631	56	847	6.85	4	5	ND	1	14	1	2	2	125	.52	.010	2	507	9.37	18	.10	13	.78	.02	.03	1	1	12	8
DMX-9	2	12	4	53	.1	797	53	860	5.28	3	5	ND	1	11	1	2	2	37	.31	.007	2	418	11.39	23	.04	20	.43	.01	.02	1	1	19	2
DMX-11	1	114	9	56	.1	203	31	607	5.72	43	5	ND	1	50	1	2	2	162	1.07	.043	3	347	3.52	47	.10	19	1.48	.09	.06	1	1	11	14
DMX-12	1	50	6	27	.2	217	25	444	3.82	2	5	ND	1	59	1	2	9	102	1.25	.051	2	398	3.95	34	.12	9	1.24	.18	.10	1	1	15	2
DMX-13	2	96	10	50	.1	804	46	581	4.25	6	5	ND	1	35	1	2	2	63	.56	.039	2	599	9.05	38	.09	18	1.51	.07	.04	1	1	14	7
DMX-14	1	40	2	27	.1	296	24	375	3.27	6	5	ND	1	14	1	2	2	63	.56	.014	2	290	3.78	17	.06	13	.59	.03	.02	1	1	8	5
STD C/FA-5X	20	60	41	127	7.2	70	28	1098	3.89	39	17	8	39	54	18	17	24	62	.48	.091	40	63	.87	168	.08	38	1.94	.07	.15	13	98	101	102
DMX-16	1	67	2	20	.1	248	21	345	2.51	5	5	ND	2	46	1	2	2	51	.81	.059	2	365	3.52	22	.07	10	.90	.11	.06	1	1	14	10
DMX-17	1	76	3	43	.2	142	31	583	4.64	2	5	ND	2	91	1	2	2	109	1.30	.061	2	256	3.33	97	.16	4	1.82	.14	.16	1	1	20	19
DMX-18	3	37	3	56	.1	1228	90	1229	7.45	14	5	ND	1	15	1	2	2	59	.38	.020	2	275	16.33	36	.04	5	.56	.03	.02	1	1	11	6
DMX-19	3	25	2	54	.1	1047	77	988	7.22	4	5	ND	1	6	1	2	2	31	.39	.013	2	369	15.09	17	.04	9	.41	.02	.01	2	1	12	3
DMX-20	3	24	7	54	.1	962	68	914	6.56	5	5	ND	1	7	1	2	2	35	.43	.011	2	375	13.62	15	.04	9	.40	.02	.01	1	1	7	2
JPX-1	1	21	6	33	.1	496	39	562	3.86	4	5	ND	1	21	1	2	2	56	.63	.019	2	443	7.25	18	.07	4	.86	.06	.03	1	1	7	3
JPX-2	2	1642	15	173	.4	336	92	1435	8.31	15	5	ND	2	95	1	2	2	153	1.24	.196	11	253	3.48	146	.17	11	3.61	.07	.13	2	9	15	26
JPX-3	1	173	9	41	.1	150	31	578	4.40	12	5	ND	1	44	1	2	4	126	1.00	.048	2	281	2.29	43	.13	35	1.37	.10	.07	1	1	13	14
JPX-4	1	68	4	18	.1	102	18	233	2.01	3	5	ND	1	14	1	2	3	44	.52	.017	2	261	1.77	14	.06	3	.75	.03	.02	1	1	7	5
JPX-5	1	69	10	24	.3	102	18	370	2.94	9	5	ND	2	26	1	4	2	72	.77	.030	2	239	1.91	41	.07	10	.93	.05	.04	1	1	10	10
JPX-6	2	45	11	44	.1	928	58	874	5.35	7	5	ND	1	13	1	2	2	48	.62	.021	2	370	11.46	48	.05	20	.79	.02	.02	1	1	7	3
JPX-7	3	43	15	56	.1	1283	83	1257	7.03	7	5	ND	1	10	1	2	2	52	.50	.028	3	407	14.28	45	.05	20	.98	.01	.03	1	1	12	2
JPX-8	4	46	10	57	.1	1261	73	1029	5.92	7	5	ND	1	18	1	2	2	35	.49	.022	2	274	18.92	37	.03	10	.85	.02	.03	1	1	5	2
JPX-9	1	78	2	18	.1	338	32	454	4.64	2	5	ND	1	11	1	2	2	116	.74	.006	2	377	5.26	15	.11	6	.65	.04	.02	1	1	20	13
JPX-10	1	172	3	24	.1	424	45	609	6.21	2	5	ND	2	15	1	2	2	190	.82	.012	2	436	6.13	20	.16	2	.99	.06	.04	1	1	26	16
JPX-11	1	83	5	22	.1	327	29	462	3.86	2	5	ND	1	11	1	2	2	79	.71	.007	2	362	5.37	16	.09	30	.62	.03	.02	1	6	23	12
JPX-12	1	80	3	18	.1	105	20	345	3.87	5	5	ND	1	32	1	2	4	124	1.05	.021	2	286	2.36	26	.13	7	.92	.07	.06	1	1	27	19
JPX-13	1	85	8	18	.1	163	21	349	3.06	2	5	ND	1	61	1	2	2	72	.86	.030	2	322	2.98	36	.09	8	.94	.07	.06	1	1	20	17
JPX-14	1	23	2	14	.1	97	13	224	2.19	2	5	ND	1	31	1	2	2	61	.82	.011	2	304	1.84	15	.08	4	.66	.07	.05	1	1	19	13
JPX-15	1	51	2	14	.1	104	18	304	3.45	6	5	ND	1	32	1	2	3	106	.79	.020	2	346	1.93	23	.10	16	.73	.09	.05	1	1	50	9
JPX-16	1	34	4	18	.2	80	16	391	3.10	5	5	ND	1	32	1	2	2	91	.87	.021	2	295	1.60	32	.09	9	.77	.07	.04	1	1	31	8
JPX-17	1	48	8	40	.1	116	22	590	4.64	18	5	ND	1	53	1	2	3	144	.97	.038	2	335	2.06	84	.07	9	.96	.07	.06	1	3	27	11
JPX-18	1	29	6	17	.1	48	16	272	3.49	5	5	ND	1	56	1	2	2	107	.88	.020	2	117	1.58	20	.11	4	.86	.06	.04	1	1	18	6
LS-1	1	59	10	37	.1	131	19	438	3.25	63	5	ND	2	27	1	2	4	88	.59	.029	3	305	1.83	45	.06	6	.98	.04	.05	1	1	12	31
LS-2	1	26	2	28	.1	526	33	519	3.59	4	5	ND	1	9	1	2	2	38	.60	.011	2	299	8.44	9	.04	9	.60	.02	.02	1	1	9	6

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB
LS-3	1	64	4	41	.2	277	30	498	4.49	9	5	ND	2	31	1	2	2	134	1.12	.018	2	297	3.68	39	.16	7	1.08	.10	.08	2	2	8	12
LS-4	2	120	8	45	.1	687	52	767	5.87	3	5	ND	1	12	1	2	2	87	.77	.010	2	509	11.78	20	.12	12	.77	.03	.02	1	2	28	20
LS-5	2	81	7	47	.1	796	57	799	5.72	5	5	ND	1	15	1	2	2	81	.66	.015	2	403	13.27	26	.09	19	.61	.02	.03	1	2	15	14
LS-6	4	18	9	67	.1	1418	94	1119	6.35	4	5	ND	1	5	1	2	2	18	.23	.015	2	345	20.58	37	.03	8	.43	.02	.02	1	1	11	6
LS-7	1	43	7	52	.1	584	43	554	4.69	29	5	ND	1	15	1	2	2	61	.70	.028	2	486	8.39	40	.07	6	.66	.02	.03	1	1	13	17
LS-8	2	49	9	72	.1	986	62	690	6.07	7	5	ND	1	12	1	2	2	47	.49	.032	2	481	12.71	55	.06	7	.86	.02	.03	1	1	8	13
LS-9	1	37	2	34	.1	325	27	404	3.33	4	5	ND	1	33	1	2	2	59	.89	.026	2	345	5.61	27	.10	16	.85	.10	.06	2	1	6	6
LS-10	1	51	5	43	.1	487	37	499	3.99	4	5	ND	1	15	1	2	2	52	.67	.019	2	325	7.28	29	.08	10	.74	.03	.02	1	1	10	8
LS-11	2	15	4	60	.1	483	57	863	5.64	5	5	ND	1	16	1	2	2	47	.47	.016	2	285	9.87	31	.09	11	1.07	.05	.03	1	1	7	4
LS-12	3	19	14	76	.1	1623	110	1320	7.60	2	5	ND	2	7	1	2	2	19	.28	.020	2	298	20.19	53	.03	6	.54	.01	.03	1	1	9	2
LS-13	2	22	15	72	.1	1229	67	792	6.52	6	5	ND	1	13	1	2	2	27	.37	.037	2	360	15.33	38	.04	19	.89	.02	.03	1	1	13	9
LS-14	4	41	19	192	.5	215	22	541	3.51	4	5	ND	2	42	1	2	2	45	.86	.071	11	130	2.32	111	.08	7	1.64	.04	.09	1	2	2	5
LS-15	8	24	13	287	.7	128	12	824	2.80	9	5	ND	3	38	6	2	2	32	.57	.088	19	91	1.22	150	.01	10	1.32	.02	.10	1	2	2	5
STD C/FA-5X	18	58	37	125	6.9	71	28	996	3.84	37	17	7	35	49	17	16	20	55	.50	.084	36	60	.92	167	.10	35	1.87	.06	.14	12	102	98	101
LS-16	1	94	2	28	.1	309	29	419	3.66	2	5	ND	1	11	1	2	2	70	.79	.007	2	350	5.96	16	.12	26	.67	.03	.03	1	2	38	33
LS-17	1	115	6	29	.2	250	31	433	4.19	2	5	ND	2	24	1	2	2	111	1.10	.010	2	307	5.51	27	.18	5	1.02	.09	.06	1	1	34	28
LS-18	1	79	5	22	.1	156	21	322	2.87	2	5	ND	1	57	1	2	2	63	.98	.025	2	304	3.21	31	.13	9	.97	.07	.06	1	1	22	17
LS-19	1	54	6	34	.1	324	33	490	4.01	4	5	ND	1	38	1	2	2	77	.86	.024	2	477	6.00	32	.14	10	1.19	.07	.05	1	1	20	20
LS-20	1	58	2	26	.1	132	24	359	3.46	4	5	ND	2	43	1	2	2	91	1.17	.021	2	325	3.12	39	.17	8	1.15	.13	.09	1	1	36	15
LS-21	1	46	6	29	.2	88	20	459	4.15	9	5	ND	1	43	1	3	3	128	1.38	.026	2	332	2.20	40	.17	16	1.12	.12	.07	1	1	30	13

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB
DMP-1 P	1	154	6	33	.1	106	23	306	3.78	10	5	ND	5	25	1	2	3	106	1.07	.011	2	240	2.32	19	.20	4	1.08	.06	.03	1	1	9	15
DMP-2 P	1	106	23	54	.1	287	40	835	7.68	10	5	ND	4	60	1	4	2	219	.88	.035	4	265	4.12	72	.19	5	1.69	.11	.10	2	1	10	9
DMP-3 P	1	55	5	32	.1	235	24	383	3.49	6	5	ND	3	43	1	2	2	95	.99	.044	2	350	4.26	38	.14	3	.95	.13	.07	1	1	12	9
DMP-4 P	1	114	10	46	.1	420	40	585	4.62	18	5	ND	3	45	1	5	2	105	.92	.056	2	442	6.46	47	.14	29	1.34	.12	.07	1	1	11	12
DMP-5 P	1	32	11	24	.1	287	27	383	2.95	2	5	ND	1	37	1	2	2	64	.74	.024	2	302	4.89	23	.10	26	.72	.08	.04	2	1	14	8
DMP-6 P	2	39	8	71	.1	1011	59	630	5.72	7	5	ND	3	21	1	2	5	55	.57	.034	2	527	14.60	50	.09	7	1.20	.03	.03	1	42	18	21
DMP-7 P	3	20	10	55	.1	1374	72	850	5.71	4	5	ND	3	15	1	2	3	42	.54	.032	3	363	18.92	39	.08	4	.95	.03	.03	1	1	4	4
DMP-8 P	3	32	12	74	.1	1685	81	933	7.79	6	5	ND	3	11	1	2	2	42	.49	.036	2	397	19.77	71	.07	6	.82	.02	.02	1	1	4	5
DMP-9 P	3	23	4	51	.1	1405	81	927	6.37	7	5	ND	3	10	1	3	2	49	.44	.018	2	371	19.25	72	.07	2	.66	.02	.02	1	1	6	4
DMP-10 P	2	33	8	49	.1	757	59	699	6.59	5	5	ND	2	14	1	2	2	92	.48	.023	2	515	12.75	76	.12	2	.62	.02	.03	1	1	35	14
DMP-11 P	2	35	12	55	.1	1080	62	701	5.82	4	5	ND	3	13	1	2	2	52	.46	.022	2	400	15.87	60	.07	3	.73	.02	.02	1	1	9	9
DMP-12 P	2	29	9	53	.1	845	55	639	5.44	7	5	ND	2	12	1	2	2	65	.52	.018	2	394	13.25	51	.08	7	.61	.02	.02	1	1	9	12
DMP-13 P	2	66	6	71	.1	1069	66	817	5.74	5	5	ND	1	9	1	2	2	46	.36	.024	2	393	15.38	80	.06	5	.60	.02	.03	1	1	8	9
DMP-14 P	1	34	4	85	.1	772	69	569	4.79	10	5	ND	2	14	1	3	2	56	.60	.030	2	436	8.53	54	.09	3	.89	.03	.03	1	1	8	8
DMP-15 P	3	130	12	104	.1	1318	68	886	5.30	8	5	ND	4	18	1	2	6	37	.56	.024	3	321	19.32	88	.06	7	.92	.02	.05	1	1	10	22
DMP-16 P	2	43	10	45	.1	731	63	769	3.90	6	5	ND	2	16	1	2	2	31	.38	.026	2	332	10.65	25	.06	5	.86	.04	.02	1	1	16	13
DMP-17 P	3	19	16	48	.1	1080	65	847	4.20	10	5	ND	3	22	1	2	2	24	.25	.015	2	546	19.45	37	.06	6	2.08	.03	.02	1	1	4	3
DMP-18 P	2	30	14	51	.1	1081	63	745	4.24	9	5	ND	4	14	1	3	2	30	.27	.026	2	439	14.69	42	.06	5	1.34	.04	.03	1	1	9	6
DMP-19 P	3	23	13	89	.1	1753	88	1166	6.68	11	5	ND	1	26	1	2	7	29	.27	.038	3	380	19.91	305	.06	4	1.87	.01	.04	1	1	7	2
DMP-20 P	1	38	29	77	.1	922	80	1675	7.83	11	5	ND	3	41	1	2	5	87	.48	.109	7	607	13.03	622	.06	3	2.36	.02	.20	3	1	15	12
DMP-21 P	3	20	7	56	.1	1173	93	1259	5.69	7	5	ND	2	30	1	2	5	35	.37	.024	3	415	17.93	68	.08	5	1.57	.07	.03	1	1	12	4
DMP-22 P	1	37	5	24	.1	268	28	406	2.94	4	5	ND	2	27	1	2	2	50	.68	.021	2	421	5.27	30	.10	6	.95	.07	.04	1	1	19	14
DMP-23 P	1	33	5	22	.1	246	22	329	2.14	5	5	ND	1	26	1	2	2	34	.66	.032	2	354	4.06	24	.09	5	.89	.10	.04	1	1	5	7
DMP-24 P	1	75	4	30	.1	428	35	596	4.46	6	5	ND	3	36	1	2	2	113	.95	.032	2	632	8.37	39	.18	32	1.28	.12	.08	1	1	25	18
DMP-25 P	1	10	11	37	.1	268	37	579	3.50	5	5	ND	2	32	1	2	2	42	.48	.007	2	307	7.37	23	.12	10	1.08	.09	.05	1	1	6	3
DMP-26 P	1	9	6	19	.1	146	18	277	2.18	2	5	ND	2	39	1	2	2	44	.63	.010	2	308	3.54	22	.09	13	.70	.04	.05	1	1	26	4
DMP-27 P	1	9	4	36	.1	235	36	551	3.14	7	5	ND	1	22	1	3	2	39	.60	.019	2	342	5.18	31	.07	6	.95	.06	.03	1	1	10	3
DMP-28 P	1	56	8	37	.1	469	42	606	4.82	5	5	ND	3	31	1	2	2	121	.71	.026	2	525	7.84	64	.18	6	1.44	.10	.08	1	1	27	13
DMP-29 P	4	19	9	74	.1	1443	96	1289	7.31	2	5	ND	2	8	1	2	6	23	.31	.028	2	182	21.20	32	.04	5	.51	.01	.02	1	1	3	3
DMP-30 P	4	102	10	86	.1	1237	81	1067	6.49	6	5	ND	4	12	1	2	2	59	.46	.015	3	630	18.47	68	.08	7	1.02	.01	.05	1	3	8	10
DMP-31 P	3	82	11	67	.1	1347	73	950	7.26	10	5	ND	3	40	1	2	4	55	.47	.029	2	619	18.08	121	.08	8	1.02	.03	.05	1	3	9	14
DMP-32 P	3	31	10	72	.1	1676	100	1280	7.99	9	5	ND	2	6	1	5	8	29	.31	.012	2	554	20.21	83	.04	7	.48	.01	.01	1	1	2	3
DMP-33 P	2	36	8	74	.1	875	77	1114	7.60	8	5	ND	2	10	1	2	4	50	.30	.026	2	322	12.86	25	.06	9	.51	.04	.04	1	2	16	12
JPP-1 P	2	21	2	41	.1	659	49	607	4.12	5	5	ND	2	24	1	2	2	49	.55	.019	2	433	12.16	30	.10	6	1.02	.04	.03	1	1	12	8
JPP-2 P	3	45	8	57	.1	1305	84	1127	6.47	10	5	ND	2	13	1	2	2	45	.50	.020	2	400	18.39	56	.06	18	.80	.01	.02	1	1	6	5
JPP-3 P	3	47	6	48	.1	1418	80	966	6.77	22	5	ND	4	12	1	2	4	54	.53	.017	2	411	18.42	29	.06	23	.68	.01	.02	1	1	8	4
STD C/FA-5X	19	60	42	126	7.1	73	30	1096	3.77	41	19	7	42	52	16	17	19	59	.46	.093	39	60	.85	187	.09	41	1.87	.07	.13	14	100	98	99

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB
JPP-4 P	3	106	6	60	.1	1250	101	1302	7.29	9	5	ND	1	12	1	3	2	47	.49	.019	2	419	17.07	70	.05	14	.79	.01	.02	1	2	11	11
JPP-5 P	3	44	9	52	.1	1146	53	667	5.82	9	5	ND	1	16	1	2	2	38	.62	.028	2	404	14.82	55	.04	21	.73	.01	.02	1	1	7	6
JPP-6 P	3	31	12	64	.1	1219	84	1078	6.66	10	5	ND	1	17	1	2	2	41	.70	.019	2	385	16.33	72	.05	11	.93	.02	.03	1	1	7	8
JPP-7 P	1	65	12	49	.1	563	45	575	4.58	2	5	ND	1	9	1	2	2	53	.46	.023	2	390	8.41	45	.07	8	.71	.03	.04	1	2	13	19
JPP-7A P	2	21	2	56	.1	1086	65	765	5.63	7	5	ND	1	13	1	2	2	33	.54	.015	2	322	15.73	50	.04	6	.65	.01	.01	1	1	15	6
JPP-8 P	1	70	5	64	.2	732	40	603	5.64	5	5	ND	1	9	1	4	2	72	.58	.024	2	588	10.86	54	.10	6	1.07	.02	.03	1	2	13	18
JPP-9 P	1	51	3	34	.1	362	32	475	3.66	2	5	ND	1	8	1	2	2	44	.41	.018	2	343	6.54	51	.06	5	.56	.02	.02	1	2	20	24
JPP-10 P	1	67	9	38	.1	481	41	605	4.85	2	5	ND	1	8	1	2	2	65	.49	.015	2	432	7.94	34	.09	2	.62	.02	.02	1	1	25	29
JPP-11 P	1	43	2	52	.1	623	49	755	5.58	2	5	ND	1	7	1	2	2	64	.52	.018	2	531	9.02	54	.09	2	.81	.02	.03	1	4	27	21
JPP-12 P	1	166	3	34	.1	273	34	437	4.56	2	5	ND	2	18	1	2	2	123	.92	.015	2	303	5.27	27	.18	2	1.10	.06	.04	1	2	28	26
JPP-13 P	2	63	5	57	.1	567	54	832	4.91	4	5	ND	1	4	1	2	2	28	.32	.017	2	407	10.21	43	.04	4	.52	.01	.01	1	1	12	11
JPP-14 P	1	28	7	28	.1	129	21	388	2.66	2	5	ND	1	17	1	2	2	53	.55	.017	2	343	2.56	21	.05	2	.78	.03	.03	1	1	8	9
JPP-15 P	1	87	3	26	.1	135	24	348	3.51	5	5	ND	1	28	1	2	6	94	.70	.011	2	354	2.52	24	.11	5	.70	.03	.03	1	2	19	17
JPP-16 P	1	38	2	27	.1	110	19	269	3.06	6	5	ND	1	25	1	2	2	91	.74	.017	2	301	2.22	18	.09	8	.72	.04	.04	1	2	11	22
JPP-17 P	1	26	2	16	.1	85	16	218	2.73	2	5	ND	2	19	1	2	2	78	.55	.006	2	266	1.60	15	.10	16	.57	.05	.03	1	1	12	10
JPP-18 P	1	36	8	29	.1	102	17	304	3.71	19	5	ND	2	30	1	2	2	105	.77	.018	2	367	1.98	31	.10	2	.86	.06	.04	1	2	27	21
JPP-19 P	1	14	3	31	.1	78	15	190	2.94	6	5	ND	1	23	1	2	2	82	.66	.016	2	274	1.41	19	.08	7	.52	.05	.03	1	1	67	11
JPP-20 P	1	40	2	29	.1	97	21	354	3.98	13	5	ND	2	40	1	2	2	123	1.06	.038	2	330	1.86	31	.14	2	.94	.10	.06	1	1	39	18
STD C/FA-5X	18	57	39	132	6.9	67	28	1050	3.92	38	19	7	39	50	18	17	19	56	.47	.089	38	61	.87	182	.08	35	1.89	.06	.13	12	103	100	101

P-20 MESH, PULVERIZED



GEOLOGY AND ANOMALOUS RESULTS - 1987

- X ROCK Pt, Pd, Au > 100 ppb
  - Cu > 250 ppm
  - Ni > 200 ppm
  - As > 100 ppm
  - Cr > 500 ppm
- ■ SEEP Ni > 1000 ppm
- ▲ SILT Ni > 500 ppm
- ● SOIL Ni > 500 ppm
- GEOLOGIC CONTACT

LACANA MINING CORPORATION

POLARIS PLATINUM PROJECT

LAY CLAIMS

OMINECA M.D.

PREPARED BY	SCALE	DATE	NTS SHEET	FIGURE
RJ, RH	1:10,000 20m Contour	DEC., 1987	94C/5	4

0 500 1000 m

DRAWN BY: EAGLE MAPPING SERVICES LTD. (86-64)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,628

SAMPLE SITES - 1987

X Rock sample
■ Seep "
▲ Soil "
● Silt "

N

LACANA MINING CORPORATION

POLARIS PLATINUM PROJECT
LAY CLAIMS
OMINECA M.D.

PREPARED BY:	SCALE:	DATE:	N.T.S. SHEET	FIGURE:
RJ, RH	1:10,000 20m Contour	DEC 1987	94 C/5	3

0 500 1000

DRAWN BY: EAGLE MAPPING SERVICES LTD. (86-64)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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