

86-901-15456

FOX GEOLOGICAL CONSULTANTS LTD

PROJECT 206

REPORT ON SOIL GEOCHEMICAL SURVEY

GIBBONS CREEK PROPERTY

LEM 1 to 4 CLAIMS

CARIBOO MINING DIVISION

by

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FOX GEOLOGICAL CONSULTANTS LTD.
1409 - 409 Granville Street
Vancouver, B.C. V6C 1T8

for

Owner/Operator: ORBEX INDUSTRIES INC.
1409 - 409 Granville Street
Vancouver, B.C. V6C 1T8

LEM 1 - 4 Claims
NTS 93A/6W
52° 20' N 121° 16' W
22'

January 9, 1987

15,456

GEOLOGICAL BRANCH
ASSESSMENT REPORT

FILMED

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SUMMARY

This report summarizes results of geochemical soil sampling work carried out on the Gibbons Creek property situated in the Cariboo Mining Division, central British Columbia. The property is owned by Orbex Industries Inc. and consists of the Lem 1 to 5 (inclusive) mineral claims (58 units). Assessment work described herein is only being filed on the Lem 1-4 (inclusive) mineral claims (56 units).

The program comprised the collection of 443 soil samples and the preparation of 20.4 kilometres of flagged grid lines. Soil samples were analyzed for 30 elements by ICP techniques and aqua regia extractable gold by atomic absorption. The area covered by the geochemical soil survey is approximately 3.0 square kilometres.

Geochemical soil sampling outlined two anomalous areas for gold. Soil gold anomaly #1 ranges between 11 and 220ppb Au and is open to the south. Soil gold anomaly #2 ranges between 11 and 63ppb Au. Both soil gold anomalies flank the Lemon Lake diorite-monzonite stock.

Expenditures filed for assessment purposes total \$10,736.00. Assessment credits amounting to \$9,200.00 is sufficient to hold the Lem 1 and 2 for one year (November, 1987), Lem 4 for one year (October, 1987) and Lem 3 for one year (July, 1988). The balance of the expenditures, \$1,536.00 have been filed in the Orbex Industries Inc. PAC account.

INTRODUCTION

The purpose of this report is to present results of soil geochemical sampling done on the Lem 1 to 4 claims. A grid was established, followed by soil sampling work carried out between August 25, 1986 and September 4, 1986.

A total of 443 soil samples were collected and analyzed by ICP methods for 30 elements and aqua regia extractable gold by atomic absorption.

The purpose of the work was to evaluate the property for precious metal potential and outline favourable areas for future drill testing.

LOCATION AND ACCESS

The property is situated nine kilometres northeast of the village of Horsefly, B.C. (93A/6, 52°20'N, 121°16'W, Figure 1). Access is by paved highway from 150 Mile House and 13 kilometres of secondary gravel road from Horsefly. Vegetation consists of open stands of spruce, fir, pine, birch and poplar. Part of the timber cover at the west end of the property has been logged and the area cleared for grazing.

CLAIM STATUS

A total of four claims, Lem 1 to 4 (56 units) make up the property (Figure 2). The expiry dates listed below assume current work will be accepted for assessment purposes.

NAME	NO. OF UNITS	RECORD NO.	EXPIRY DATE
Lem 1	18	3057	November 28, 1987
Lem 2	18	3058	November 28, 1987
Lem 3	12	7811	July 24, 1988
Lem 4	8	7169	October 15, 1987

GEOLOGY

The Lem claims lie on the east margin of the Quesnel Trough, an extensive geologic feature bounded to the west by rocks of the Mississippian-Permian Cache Creek Group and to the east by metamorphosed rocks of the Omineca Crystalline Belt. The Quesnel Trough here comprises a thick sequence of Triassic-Jurassic submarine strata composed largely of alkali basalt and an overlying succession of felsic breccia and tuff. A number of small intrusions ranging in composition from alkali gabbro to syenite cut the volcanic units. The Lem stock is one of these bodies. The intrusions and nearby volcanic rocks are known hosts for gold and copper-gold prospects. The QR gold deposit and the Cariboo Bell porphyry copper-gold prospect, a short distance to the north are typical examples in similar geological settings.

Much of the southern part of the Lem claims is underlain by the Lemon Lake stock, a concentrically zoned pluton that ranges from alkali gabbro at the south end of the claims to diorite and monzonite in the central part of the property. Coarse breccias of alkali basalt flank the stock to the east; felsic breccia and tuff lie to the north. Eocene sandstone and coal beds lie immediately south. Diorite and monzonite, which lie within the central core of the stock, are hydrothermally altered to K-feldspar, epidote and chlorite and commonly contain pyrite and lesser amounts of chalcopyrite and bornite. Stockworks and fracture coatings of these minerals predominate.

Felsic rocks north of the stock are extensively propylitized and contain considerable pyrite, magnetite and traces of disseminated chalcopyrite. The latter zone of altered and mineralized rock extends for several hundred metres north of the stock boundary. A number of old copper showings also lie along the east contact of the stock close to the basalt-felsic breccia contact. These exposures were trenched by Silver Standard Mines in the early sixties.

SUMMARY OF 1986 WORK

Field work was conducted during the period August 25, 1986 to September 4, 1986 by a three man crew employed by Fox Geological Consultants Ltd. Costs of work was paid by Orbex Industries Inc. Field work consisted of grid preparation and soil geochemical sampling. Survey control was established by conventional chain and compass grid lines. The grid consists of 20.4 kilometres of flagged line with stations every 50-metres on lines spaced 200 metres apart. Survey area is approximately 3.0 square kilometres.

SOIL GEOCHEMICAL SURVEY

A total of 443 soil samples were collected from the B soil horizon where possible. Sample material was analyzed by Acme Analytical Laboratories Ltd., 852 East Hastings Street, Vancouver, B.C. Thirty elements were analyzed by ICP methods and aqua regia extractable gold was determined by atomic absorption. Acme's analytical procedures for these methods are given in Appendix I.

Geochemical results are listed in Appendix II. Anomalous and background levels for gold were estimated as follows:

	<u>Range</u>	<u>Background</u>	<u>Anomalous</u>
Gold	1 - 220 ppb	1 - 10 ppb	11 - 220 ppb

Generally the gold geochemical data shows erratic concentrations throughout the grid area along with two distinct anomalies southwest (anomaly #1) and north (anomaly #2) of the Lem stock.

Anomaly #1 is located in the southwest corner of the grid area and contains samples ranging from 11 to 220ppb gold. Two local highs (up to 220ppb and 200ppb gold) lie within the anomaly area. Gold anomaly #1 is open to the south. Anomaly #2 is located in the north-central part of the grid area and contains samples ranging from 11 to 63ppb gold.

Gold anomalies #1 and #2 are underlain by propylitized felsic breccia and basalt which flank the Lemon Lake diorite-monzonite stock.

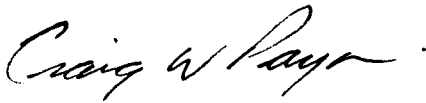
ITEMIZED COST STATEMENT

Itemized costs applicable for assessment purposes are given in Appendix III. Allocation of expenditures towards claims and PAC account is provided in the Statement of Exploration and Development form, also in Appendix III.

A total of \$10,736.00 is claimed as exploration expenditures on the Lem 1 to 4 claims of which \$9,200.00 is applied as current claims assessment and \$1,536.00 towards Orbex Industries Inc. PAC account.

Prepared by:

FOX GEOLOGICAL CONSULTANTS LTD.



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January 9, 1987

APPENDIX I
ANALYTICAL PROCEDURES



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B.C. V6A 1R6

Telephone : 253 - 3158

GEOCHEMICAL LABORATORY METHODOLOGY

SAMPLE PREPARATION

1. Soil samples are dried at 60°C and sieved to -80 mesh.
2. Rock samples are pulverized to -100 mesh.

Geochemical Analysis for Ag*, Bi*, Cd*, Co, Cu, Fe, Mn, Mo, Ni, Pb, Sb*, V, Zn

0.5 gram samples are digested hot dilute aqua regia in a boiling water bath and diluted to 10 ml with demineralized water.

All the above elements are determined in the acid solution by Atomic Absorption.

* denotes background correction.

Geochemical Analysis for Au

10.0 gram samples that have been ignited overnight at 600°C are digested with hot dilute aqua regia, and the clear solution obtained is extracted with Methyl Isobutyl Ketone.

Au is determined in the MIBK extract by Atomic Absorption using background correction (Detection Limit = 5 ppb direct AA and 1 ppb graphite AA.)

Geochemical Analysis for Au, Pd, Pt, Rh

10.0 - 30.0 gram samples are subjected to Fire assay preconcentration techniques to produce silver beads.

The silver beads are dissolved and Au, Pd, Pt, and Rh are determined in the solution by Atomic Absorption.

Geochemical Analysis for As

0.5 gram samples are digested with hot dilute aqua regia and diluted to 10 ml.

As is determined in the solution by Graphite Furnace Atomic Absorption.



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Geochemical Analysis of Hg

Digestion

A .50 gram sample is digested with aqua regia and diluted with 20% HCl.

Determination

Hg in the solution is determined by cold vapour AA using F & J Scientific Hg assembly. An aliquot is added to stannous chloride-hydrochloric acid solution. The reduced Hg is swept out of the solution and passed into the Hg cell where it determined by AA.

Oxalic Acid Leach of Rock, Soil & Silt Samples

A .50 gram sample is digested hot with 10 mls 5% oxalic acid solution. The oxalic acid will dissolve Fe and Mn from their oxides of M - 1 fraction (but not from magnetite & ilmenite) limonites and clays. The following metals are analysed by atomic absorption : Cu, Zn, Pb, Ni, Mo, Fe & Mn.

Cold HCl Acid Extraction

A .50 gram sample is leached with 10 ml 5% HCl solution at room temperature for 2 hours with occasional shaking. Copper is dissolved from the organic and surface layers of clay fractions.

EDTA Extraction

A .50 gram sample is leached at room temperature for 4 hours with 10 mls of 2.5% EDTA solution.



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Geochemical Analysis for Barium

0.1 gram samples are digested with hot NaOH and EDTA solution.

Ba is determined in the solution by Atomic Absorption.

Geochemical Analysis for Uranium

0.5 gram samples are digested with hot aqua regia and diluted to 10 ml.

Aliquots of the acid extract are solvent extracted using a salting agent and aliquots of the solvent extract are fused with NaF, K_2CO_3 and Na_2CO_3 flux in a platinum dish.

The fluorescence of the pellet is determined on the Jarrel Ash Fluorometer.

Geochemical Analysis for Tungsten

1.0 gram samples are fused with KCl, KNO_3 and Na_2CO_3 flux in a test tube, and the fusions are leached with 10 ml water. W is in the solution determined by ICP with a detection of 1 ppm.

Geochemical Analysis for Fluorine

0.25 gram samples are fused with sodium hydroxide and leached with 10 ml water. The solution is neutralized, buffered, adjusted to pH 7.8 and diluted to 100 ml. Fluorine is determined by Specific Ion Electrode using an Orion Model 404 meter.

Geochemical Analysis for Tin

1.0 gram samples are fused with ammonium iodide in a test tube. The sublimed iodine is leached with dilute hydrochloric acid.

The solution is extracted with MIBK and tin is determined in the extract by Atomic Absorption.

APPENDIX II
ANALYTICAL RESULTS

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH JML 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, CR, MG, BA, TI, B, AL, NA, K, W, SI, ZR, CE, SM, Y, NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: SOILS - BOMESH AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 9 1986 DATE REPORT MAILED: *Sept 15/86* ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER.

ORBEX INDUSTRIES PROJECT - 206 FILE # 86-2561

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SAMPLE#	Mo	Cu	Pb	Zn	Ag	Mn	Co	Ni	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
11824	1	32	11	59	.1	34	14	424	3.11	2	5	ND	2	44	1	2	2	88	.55	.046	7	53	.81	47	.18	3	1.71	.02	.07	1	11
11825	1	46	11	66	.1	31	14	329	3.11	2	5	ND	3	55	1	2	2	84	.56	.043	10	51	.82	42	.18	3	1.60	.02	.08	1	7
11826	1	54	14	71	.1	32	13	550	3.22	2	5	ND	2	49	1	2	2	86	.68	.058	9	56	.88	54	.18	2	1.68	.02	.13	1	4
11827	1	56	13	76	.1	38	15	460	3.70	5	5	ND	2	43	1	2	2	104	.59	.070	7	61	.99	42	.19	7	1.98	.02	.08	1	1
12098	1	44	12	78	.1	33	14	544	3.61	2	5	ND	2	43	1	2	2	95	.51	.118	7	46	.90	46	.16	2	1.82	.01	.07	1	1
12099	1	67	16	95	.1	38	21	644	4.44	5	5	ND	2	65	1	2	2	120	.70	.099	6	58	1.14	56	.21	7	2.30	.02	.10	1	15
12100	1	53	13	180	.1	47	16	1251	3.91	2	5	ND	1	43	1	2	3	98	.64	.154	3	58	1.05	76	.19	5	2.19	.01	.08	1	15
12192	1	70	12	67	.1	42	16	494	3.80	2	5	ND	2	41	1	3	3	95	1.16	.020	6	56	1.15	42	.19	8	2.05	.02	.05	1	2
12193	1	191	11	86	.5	41	29	619	4.92	4	5	ND	1	75	1	2	2	141	.79	.094	4	43	1.29	52	.17	7	3.08	.01	.10	1	16
12194	1	50	7	94	.1	40	16	483	3.83	3	5	ND	1	35	1	2	2	110	.61	.070	5	63	1.03	38	.21	2	1.88	.01	.06	1	5
12195	1	34	17	206	.3	31	14	812	3.49	4	5	ND	2	34	1	2	2	90	.65	.141	5	54	.89	58	.21	4	2.17	.02	.07	1	2
12196	1	77	21	247	.1	36	18	644	4.39	4	5	ND	2	55	1	3	2	112	.68	.231	5	44	1.15	59	.20	7	2.75	.02	.10	1	7
12197	1	75	18	196	.1	29	16	786	4.17	2	5	ND	2	56	1	2	5	102	.80	.256	4	44	1.07	71	.17	8	2.29	.02	.11	1	1
12198	1	51	15	74	.1	28	15	437	3.79	2	5	ND	1	62	1	2	4	115	.82	.060	4	49	.98	40	.22	4	2.12	.02	.04	1	1
12199	1	71	13	104	.1	22	15	668	3.99	5	5	ND	1	72	1	2	2	123	1.07	.030	5	42	.88	53	.24	3	2.40	.02	.05	1	1
12200	1	50	13	161	.2	35	17	661	3.62	2	5	ND	2	56	1	2	2	95	.85	.118	5	55	.96	57	.22	3	2.27	.02	.08	1	1
12201	1	48	15	141	.1	31	17	379	3.59	2	5	ND	1	57	1	2	2	92	.98	.126	6	49	.93	38	.18	2	2.04	.02	.08	1	1
12202	1	39	15	188	.1	26	16	463	3.93	2	5	ND	1	74	1	2	3	94	.60	.247	4	46	.80	73	.19	6	2.34	.02	.07	1	2
12203	1	58	17	172	.2	21	18	1424	4.10	2	5	ND	1	154	1	2	2	100	.89	.195	4	39	.85	106	.17	4	2.41	.01	.09	1	2
12204	1	70	14	266	.1	31	23	662	4.39	2	5	ND	1	68	1	2	2	105	.64	.243	4	42	1.15	63	.18	2	2.48	.02	.08	1	7
12205	1	121	24	202	.4	32	21	576	4.88	2	5	ND	1	59	1	2	2	130	.54	.213	4	46	1.30	43	.20	3	2.80	.02	.07	1	15
12206	1	64	25	197	.2	22	27	1028	4.41	3	5	ND	1	67	1	3	2	107	.79	.175	4	36	.96	103	.18	3	2.37	.02	.08	1	6
12207	1	124	50	218	.3	19	42	1563	4.81	3	5	ND	1	83	1	2	5	119	1.00	.141	3	35	1.13	58	.17	3	2.74	.02	.07	1	9
12208	1	88	21	173	.2	25	32	826	5.48	2	5	ND	1	48	1	2	2	147	.85	.091	3	40	1.29	54	.22	5	2.37	.02	.21	1	7
12209	1	59	14	415	.3	12	20	609	3.23	3	5	ND	1	24	1	2	2	85	.35	.095	2	20	1.01	51	.16	4	1.62	.02	.09	1	4
12210	1	88	17	247	.2	18	26	768	4.35	2	5	ND	1	25	1	2	2	125	.45	.165	2	27	1.37	103	.25	2	2.04	.02	.21	1	3
12211	1	49	12	238	.1	18	26	848	4.57	3	5	ND	1	26	1	2	2	133	.57	.087	3	29	2.22	75	.33	2	2.42	.02	.22	1	2
12212	1	78	6	420	.1	17	23	952	3.99	3	5	ND	1	33	1	3	2	118	.59	.121	3	27	1.24	108	.24	6	1.76	.02	.12	1	5
12213	1	127	16	305	.3	12	25	741	4.81	5	5	ND	1	35	1	2	2	127	.69	.168	3	17	.77	90	.19	9	1.67	.01	.06	1	9
12214	1	124	19	365	.1	22	27	607	4.00	2	5	ND	1	47	1	2	2	109	.61	.099	4	26	1.03	78	.25	5	1.87	.02	.13	1	31
12215	1	273	25	296	.1	26	38	760	6.52	2	5	ND	1	47	1	3	3	198	.61	.116	3	29	1.66	84	.32	4	2.62	.02	.09	1	7
12216	1	130	32	366	.1	16	28	590	5.25	3	5	ND	1	44	1	2	2	161	.53	.064	4	24	1.19	56	.28	5	2.15	.02	.09	1	46
12217	1	111	22	614	.4	14	43	1059	5.15	2	5	ND	2	85	2	3	2	96	1.07	.355	6	15	.72	144	.18	2	2.11	.02	.12	1	3
12218	1	150	27	349	.3	20	32	570	5.07	2	5	ND	1	61	1	3	3	151	.75	.115	4	26	1.30	79	.30	2	2.59	.02	.13	1	2
12219	1	251	24	285	.2	28	27	691	5.36	4	5	ND	1	62	1	2	6	163	.90	.101	4	45	1.57	64	.37	6	2.59	.02	.12	1	8
12220	1	44	23	382	.2	18	17	537	5.07	2	5	ND	1	54	1	3	2	162	.63	.115	3	36	.73	65	.27	5	1.86	.01	.07	1	11
STD C/AU-S	20	58	41	130	6.7	64	28	1063	3.94	38	17	7	33	47	16	15	19	61	.48	.107	35	59	.88	175	.08	33	1.72	.07	.13	13	54

ORBEX INDUSTRIES PROJECT - 206 FILE # 86-2561

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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	Hg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au8 PPB
12221	1	91	20	294	.3	31	21	579	5.04	3	5	ND	2	61	1	2	4	151	.79	.290	3	52	1.22	95	.31	4	2.41	.01	.11	1	2
12222	1	136	22	128	.5	37	22	971	5.14	2	5	ND	2	56	1	2	2	156	1.19	.061	4	66	1.36	84	.32	8	2.42	.02	.12	1	6
12223	1	38	14	104	.2	46	18	653	3.87	2	5	ND	1	39	1	2	4	111	.67	.103	4	69	1.02	53	.24	7	2.04	.02	.06	1	1
12224	1	90	25	89	.4	54	23	524	5.74	2	5	ND	1	29	1	2	2	179	.79	.061	2	65	1.78	52	.27	14	2.92	.02	.05	1	90
12225	1	64	20	134	.2	59	19	531	4.43	3	5	ND	2	39	1	2	2	119	.70	.141	2	73	1.27	53	.22	9	2.52	.02	.07	1	1
12226	1	111	20	134	.3	46	22	664	5.28	4	5	ND	1	53	1	3	2	164	.70	.093	4	78	1.56	40	.24	8	2.74	.02	.05	1	35
12227	1	50	19	233	.4	23	14	1939	3.34	6	5	ND	1	52	1	2	2	92	.69	.134	2	39	.77	78	.18	7	1.98	.02	.07	1	2
12228	1	63	11	133	.1	43	16	547	4.17	3	5	ND	2	52	1	2	2	118	.71	.096	4	62	1.16	46	.22	3	2.47	.02	.06	1	4
12229	1	22	11	138	.1	25	13	827	3.05	5	5	ND	2	39	1	2	2	85	.65	.142	5	45	.79	67	.22	5	1.74	.02	.08	1	1
12230	1	50	19	246	.4	28	18	720	3.98	3	5	ND	2	57	1	2	2	106	.56	.151	4	54	1.00	45	.21	5	2.09	.02	.07	1	1
12231	1	24	19	169	.1	23	13	1298	2.89	7	5	ND	1	52	1	2	2	83	.66	.143	4	34	.68	55	.18	7	1.61	.01	.07	1	8
12232	1	21	16	120	.2	22	15	491	3.02	3	5	ND	2	56	1	2	2	91	.67	.033	7	41	.66	39	.21	7	1.62	.02	.05	1	1
12233	1	108	40	149	.4	26	22	965	4.42	3	5	ND	1	218	1	2	3	129	.97	.141	2	42	1.28	39	.19	5	2.57	.01	.07	1	3
12234	1	46	18	160	.3	23	17	423	4.01	2	5	ND	1	100	1	2	2	112	.69	.127	5	47	.86	40	.21	5	2.06	.02	.07	1	3
12235	1	46	13	133	.1	24	22	450	4.03	3	5	ND	1	95	1	2	2	130	.78	.033	3	40	.88	28	.24	3	1.96	.02	.05	1	14
12236	1	51	7	257	.3	25	20	665	3.88	4	5	ND	1	76	1	2	2	117	.75	.086	3	47	1.12	39	.22	2	2.07	.02	.10	1	5
12237	1	30	14	188	.3	27	18	448	3.91	2	5	ND	1	56	1	2	2	112	.74	.093	6	46	1.02	41	.23	4	2.12	.02	.08	1	6
12238	1	129	15	81	.3	28	29	763	6.70	4	5	ND	1	80	1	2	2	296	.93	.070	2	56	2.58	34	.34	6	2.98	.02	.20	1	18
12239	1	66	17	337	.3	31	33	771	4.88	4	5	ND	1	42	1	2	2	131	.68	.135	4	41	1.38	54	.23	9	2.59	.02	.14	1	9
12240	1	59	15	261	.3	18	21	762	4.10	5	5	ND	1	44	1	2	4	119	.58	.111	3	27	1.08	76	.24	2	1.98	.02	.13	1	6
12241	1	53	11	253	.1	20	18	646	3.69	4	5	ND	1	32	1	2	3	115	.56	.134	2	29	1.11	70	.27	2	1.58	.02	.14	1	5
12242	1	57	23	220	.1	22	20	506	4.47	6	5	ND	1	30	1	2	2	142	.46	.104	4	43	1.11	46	.26	4	1.94	.02	.07	1	2
12243	1	170	13	183	.3	24	33	585	5.12	2	5	ND	1	46	1	2	2	173	.50	.046	2	27	1.23	85	.34	7	2.09	.02	.15	1	21
12244	1	37	14	138	.2	9	17	695	3.87	2	5	ND	1	21	1	2	2	139	.43	.050	3	14	.98	67	.31	4	1.10	.02	.24	1	2
12245	1	165	12	434	.1	15	17	447	3.55	3	5	ND	1	29	1	2	2	115	.38	.205	3	18	1.03	91	.33	5	1.62	.02	.15	1	3
12246	1	266	20	286	.2	20	30	797	5.78	5	5	ND	2	44	1	2	2	198	.60	.114	3	26	1.52	69	.33	6	2.66	.02	.15	1	6
12247	1	163	18	226	.2	25	25	826	5.42	4	5	ND	1	42	1	2	2	179	.71	.130	2	33	1.36	68	.29	7	2.37	.02	.14	1	4
12248	1	77	30	542	.3	16	19	836	4.52	7	5	ND	1	44	2	2	2	142	.64	.144	4	22	.99	84	.25	5	2.06	.02	.10	1	2
12249	1	163	25	370	.3	23	30	783	5.66	3	5	ND	1	47	2	2	2	181	.60	.106	3	30	1.28	83	.31	4	2.54	.01	.11	1	5
12250	1	129	20	229	.3	20	26	1052	5.17	6	5	ND	1	53	1	2	2	170	.66	.086	2	33	1.33	118	.32	4	2.28	.02	.13	1	1
12251	1	118	20	137	.2	31	24	492	4.67	5	5	ND	1	35	1	2	2	148	.66	.046	6	58	1.40	47	.33	2	2.48	.02	.07	1	6
12252	1	453	26	449	.8	45	35	1047	4.98	2	5	ND	2	52	2	2	2	150	1.23	.100	9	43	1.13	119	.29	7	2.99	.02	.11	1	2
12253	1	85	17	317	.2	30	22	678	5.67	4	5	ND	2	47	1	2	2	165	.57	.282	4	57	1.34	86	.33	8	2.64	.01	.07	1	1
12254	1	93	11	103	.3	51	26	769	5.20	4	5	ND	1	36	1	2	2	155	.67	.071	6	77	1.61	65	.35	5	2.79	.01	.11	1	1
12255	4	97	17	182	.1	32	20	611	4.04	4	5	ND	1	44	2	2	2	130	.95	.089	4	43	1.15	56	.24	2	2.02	.02	.09	1	6
12256	1	79	22	118	.1	52	20	658	4.23	5	5	ND	2	48	1	2	2	128	.88	.099	7	65	1.40	48	.25	5	2.32	.02	.11	1	6
STD C/AU-S	21	55	36	133	6.9	67	30	1105	3.96	41	18	8	35	49	18	15	19	64	.48	.108	37	60	.88	183	.08	35	1.72	.07	.14	12	49

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe I	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca I	P I	La PPM	Cr PPM	Mg I	Ba PPM	Ti I	B PPM	Al I	Na I	K I	W PPM	Au# PPB
12257	1	83	12	131	.2	50	18	590	3.68	6	5	ND	1	33	1	2	2	105	.66	.071	9	56	1.03	60	.20	2	2.18	.01	.07	1	4
12258	1	160	16	190	.5	20	18	2371	4.23	5	5	ND	1	76	1	2	2	115	1.45	.342	9	24	.86	131	.13	9	2.68	.02	.10	2	3
12259	1	44	2	130	.3	46	18	954	4.29	5	5	ND	1	43	1	2	2	114	.60	.119	7	64	1.06	82	.20	3	2.71	.01	.06	2	1
12260	1	32	8	144	.3	29	15	656	3.43	5	5	ND	1	48	1	3	2	89	.76	.148	6	44	.82	68	.20	8	2.11	.01	.07	2	1
12261	1	31	9	108	.2	26	14	469	3.20	5	5	ND	1	51	1	3	2	91	.71	.077	6	43	.81	43	.21	6	1.80	.01	.07	2	1
12262	1	98	9	115	.3	36	18	743	4.22	4	5	ND	1	77	1	2	2	122	.82	.083	7	50	1.08	49	.22	6	2.34	.01	.08	1	31
12263	1	43	16	172	.3	26	16	438	3.22	3	5	ND	1	66	1	5	2	90	.67	.061	6	42	.77	40	.19	5	1.84	.02	.06	1	2
12264	1	44	16	259	.4	19	29	995	2.93	2	5	ND	1	102	1	2	2	81	.74	.068	4	29	.72	42	.18	2	1.61	.02	.08	1	5
12265	1	138	26	142	.3	32	25	630	4.88	7	5	ND	1	128	1	2	2	143	.80	.149	6	49	1.46	29	.21	8	2.46	.02	.06	2	9
12266	1	57	13	222	.3	22	19	500	3.29	2	5	ND	1	102	1	2	2	88	.69	.093	4	34	.85	31	.17	5	1.79	.02	.06	1	7
12267	1	487	16	149	1.2	36	28	378	4.59	4	5	ND	2	52	1	2	2	110	1.54	.095	10	43	1.35	42	.19	6	2.56	.03	.06	1	19
12268	1	118	15	95	.2	31	21	501	4.74	6	5	ND	1	50	1	3	2	136	1.15	.027	9	44	1.48	52	.24	4	2.48	.03	.07	1	3
12269	1	52	19	130	.2	16	19	1273	3.71	2	5	ND	1	57	1	3	2	104	.76	.121	6	33	.84	81	.17	4	1.64	.02	.10	1	2
12270	1	57	14	176	.1	24	28	565	4.44	3	5	ND	1	45	1	3	2	132	.66	.058	6	42	1.08	41	.24	5	2.12	.02	.08	1	1
12271	1	102	29	284	.4	27	46	815	5.86	6	5	ND	1	44	1	2	2	138	1.23	.114	6	28	1.24	52	.22	4	2.93	.03	.06	1	2
12272	1	127	13	140	.1	27	27	537	4.90	3	5	ND	1	24	1	2	2	146	.58	.026	4	51	1.90	39	.30	3	2.45	.02	.08	1	8
12273	1	88	19	104	.5	23	26	982	5.27	4	5	ND	1	38	1	2	2	164	1.04	.036	7	45	1.60	50	.29	4	2.42	.02	.10	1	5
12274	1	114	5	46	.3	14	18	410	4.88	7	5	ND	1	41	1	2	2	160	1.45	.044	3	21	1.31	42	.31	6	1.69	.02	.06	2	5
12275	1	27	6	182	.2	9	15	402	3.47	2	5	ND	1	22	1	2	2	113	.36	.051	4	16	.72	39	.23	2	1.14	.01	.08	1	1
12276	1	34	6	138	.3	8	15	529	4.29	2	5	ND	1	20	1	2	2	148	.44	.153	3	9	1.65	52	.36	4	1.49	.02	.20	1	1
12277	1	101	16	256	.4	14	21	474	4.89	4	5	ND	1	26	1	2	3	158	.39	.183	4	21	1.13	61	.32	5	2.01	.02	.11	1	1
12278	1	137	17	473	.5	20	25	726	5.04	4	5	ND	1	31	1	2	2	162	.54	.208	5	25	1.18	76	.29	7	2.05	.02	.12	1	2
12279	1	209	16	267	.3	29	27	651	4.73	3	5	ND	1	42	1	2	4	143	.59	.147	6	29	1.29	47	.24	4	2.65	.01	.13	1	2
12280	1	126	22	344	.3	18	21	810	4.18	4	5	ND	1	39	1	2	2	125	.58	.134	5	25	1.20	94	.29	6	2.32	.02	.11	1	1
12281	1	257	11	419	.4	29	27	646	4.78	8	5	ND	1	57	1	2	2	138	.83	.285	7	41	1.62	150	.34	6	2.65	.02	.15	1	4
12282	1	100	18	634	.1	18	18	1197	3.51	2	5	ND	1	61	1	3	2	114	.91	.122	5	30	1.06	168	.31	6	1.84	.02	.14	1	1
12283	1	116	17	462	.2	25	22	1001	4.85	3	5	ND	1	78	1	2	2	158	.76	.131	6	51	1.33	128	.33	4	2.36	.02	.12	1	15
12284	1	364	22	289	.4	31	35	911	7.44	9	5	ND	1	125	1	2	2	245	.77	.144	9	65	2.04	107	.39	3	3.54	.01	.11	2	3
12286	2	309	4	38	2.2	55	17	134	2.79	3	6	ND	1	68	1	2	2	59	3.76	.055	10	58	.62	35	.08	8	1.90	.01	.03	1	4
12287	1	42	20	168	.2	30	16	957	3.28	2	5	ND	1	41	1	2	2	86	.79	.195	6	50	.78	73	.19	3	1.76	.02	.07	1	6
12288	1	56	18	125	.3	50	18	702	4.40	3	5	ND	1	44	1	3	2	123	.76	.104	8	66	1.21	65	.22	4	2.90	.02	.06	1	1
12289	1	144	7	97	.2	52	23	570	4.49	5	5	ND	2	47	1	2	3	119	.79	.114	8	65	1.29	67	.21	7	2.67	.02	.09	1	1
12290	1	49	6	147	.2	50	20	707	4.76	4	5	ND	2	39	1	2	3	121	.60	.187	5	68	1.08	83	.22	3	2.99	.01	.07	1	1
12291	1	172	25	195	.8	22	22	1174	5.46	8	5	ND	1	144	1	2	2	176	1.18	.142	6	33	1.72	55	.25	7	3.52	.01	.06	1	1
12292	1	80	8	129	.2	38	23	726	4.74	2	5	ND	1	75	1	2	2	130	.76	.121	6	60	1.07	62	.23	2	2.88	.01	.08	1	2
12293	1	54	6	118	.1	37	18	710	4.12	2	5	ND	1	67	1	2	2	112	.71	.109	7	55	1.01	60	.22	2	2.55	.02	.08	1	13
STD C/AU-S	20	58	40	131	6.8	68	30	1083	3.93	35	17	7	33	48	17	17	22	62	.48	.105	36	57	.88	178	.08	37	1.72	.07	.13	13	51

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mi PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Hg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au8 PPB
12294	1	31	10	166	.2	30	16	526	3.18	2	5	ND	1	35	1	2	2	76	.60	.129	3	44	.87	61	.18	6	1.97	.01	.09	1	15
12295	1	36	8	209	.5	20	17	461	3.29	2	5	ND	1	91	1	2	2	89	.69	.100	2	36	.87	44	.19	4	1.82	.02	.07	1	3
12296	1	40	13	243	.2	22	19	752	3.35	2	5	ND	1	91	1	2	2	89	.63	.099	2	35	.87	49	.19	3	1.90	.02	.06	1	7
12297	1	67	10	206	.1	23	24	619	3.83	2	5	ND	1	92	1	2	2	103	.75	.113	2	34	.90	32	.18	3	1.96	.02	.07	1	6
12298	1	58	18	166	.2	25	25	674	4.77	3	5	ND	1	66	1	3	2	128	.69	.153	3	43	1.23	55	.21	6	2.30	.02	.09	1	33
12299	1	57	13	149	.1	23	22	502	4.84	2	5	ND	1	39	1	2	2	129	.97	.043	2	42	1.56	40	.25	9	2.46	.02	.08	1	9
12300	1	69	11	182	.3	24	26	685	5.17	2	5	ND	1	43	1	3	2	135	1.13	.036	2	36	1.71	48	.25	9	2.67	.02	.09	1	7
12301	1	34	10	217	.5	13	12	1392	3.25	2	5	ND	1	33	1	2	2	84	.58	.166	3	21	.58	63	.12	2	1.61	.01	.07	1	2
12302	1	79	14	388	.4	28	15	564	3.94	4	5	ND	2	52	1	2	4	97	.89	.203	4	28	.88	58	.17	7	2.60	.02	.09	1	1
12303	1	61	20	137	.1	30	16	552	4.32	4	5	ND	1	52	1	2	2	120	.70	.074	4	42	1.08	45	.19	7	2.39	.02	.07	1	1
12304	1	51	10	242	.4	20	11	864	2.91	8	5	ND	1	34	1	2	3	67	.57	.208	3	28	.56	74	.12	2	1.90	.01	.07	1	3
12305	1	43	19	166	.4	9	11	1408	2.75	2	5	ND	1	46	1	2	2	77	.93	.193	3	15	.48	83	.12	4	1.37	.01	.06	1	1
12306	1	29	2	168	.3	12	10	618	2.37	2	5	ND	1	74	1	2	2	68	.67	.078	2	26	.56	43	.16	2	1.23	.01	.07	1	1
12307	1	87	11	201	.1	24	20	850	3.87	5	5	ND	1	62	1	2	2	92	.95	.192	3	38	.81	66	.16	7	2.58	.01	.07	1	1
12308	2	424	18	93	.3	48	105	760	5.76	10	5	ND	2	58	1	2	2	131	1.10	.075	9	69	1.51	61	.18	9	2.49	.02	.13	1	106
12309	1	697	15	93	.2	35	17	553	4.57	8	5	ND	2	92	1	2	2	118	1.18	.044	6	48	1.25	34	.19	3	2.21	.02	.06	1	11
12310	1	82	25	324	.5	26	30	442	4.29	2	5	ND	1	75	1	2	2	102	.65	.137	3	42	.98	39	.18	6	2.32	.02	.08	1	9
12311	1	47	16	318	.1	24	17	699	3.65	5	5	ND	1	51	1	2	3	93	.72	.153	3	34	1.08	58	.17	6	2.05	.02	.08	1	1
12312	1	30	10	159	.1	28	17	422	3.55	2	5	ND	1	39	1	2	4	95	.64	.077	3	44	.94	44	.19	3	1.91	.02	.06	1	1
12313	1	264	78	400	.7	20	48	2028	4.51	7	5	ND	1	115	3	2	4	99	1.29	.211	3	32	1.18	89	.12	9	2.52	.02	.09	1	1
12314	1	45	22	333	.2	17	24	768	3.55	2	5	ND	1	35	1	2	2	90	.59	.088	3	29	.87	60	.17	2	1.62	.02	.08	1	1
12315	1	73	18	492	.2	20	28	774	4.27	2	5	ND	1	43	2	2	2	106	.71	.183	2	30	1.20	97	.19	8	2.35	.02	.11	1	23
12316	1	110	30	367	.2	19	25	953	4.74	2	5	ND	1	42	1	2	3	143	.72	.104	3	33	1.42	80	.23	5	2.09	.01	.10	1	30
12317	1	53	28	342	.1	21	27	783	4.72	4	5	ND	1	32	1	2	4	139	.57	.070	2	39	1.42	54	.25	7	2.10	.01	.10	1	39
12318	1	77	14	201	.1	19	24	993	4.46	2	5	ND	1	40	1	2	2	134	.78	.070	2	37	1.33	71	.22	4	2.10	.02	.11	1	8
12319	1	27	12	97	.3	24	20	370	3.49	3	5	ND	1	27	1	2	3	102	.42	.059	3	35	.73	39	.18	3	1.90	.01	.08	1	1
12320	1	83	20	188	.2	19	28	479	5.52	5	5	ND	1	31	1	2	2	169	.41	.031	2	25	1.08	51	.28	5	2.14	.01	.12	1	5
12321	1	169	26	199	.3	66	34	662	6.21	8	5	ND	1	37	1	2	2	198	.50	.128	2	75	1.84	66	.30	5	2.49	.01	.11	1	13
12322	1	133	29	344	.3	25	35	571	5.93	3	5	ND	1	48	1	2	2	172	.51	.161	2	27	1.32	67	.27	4	2.43	.01	.14	1	6
12323	1	49	16	344	.1	10	19	1051	3.53	2	5	ND	1	49	1	2	2	105	.72	.130	2	19	.85	107	.23	5	1.69	.01	.09	1	1
12324	1	121	22	316	.2	15	32	974	5.52	3	5	ND	1	48	1	2	2	174	.79	.119	2	29	1.33	88	.27	3	2.37	.01	.12	1	2
12325	1	91	9	282	.1	18	24	796	4.61	2	5	ND	1	40	1	2	2	138	.59	.093	2	40	1.15	73	.27	3	2.18	.01	.12	1	1
12326	1	62	14	261	.3	22	19	871	4.37	2	5	ND	1	60	1	2	2	134	.78	.102	3	42	1.00	88	.26	7	1.96	.02	.15	1	1
12327	1	56	8	238	.2	26	19	914	4.53	2	5	ND	1	63	1	2	2	137	.81	.164	3	48	.91	126	.24	7	1.99	.01	.15	1	1
12328	1	57	3	237	.2	29	18	784	3.83	2	5	ND	1	48	1	2	4	110	.69	.156	4	43	.87	89	.22	5	1.94	.01	.13	1	1
12329	1	53	7	132	.1	32	16	488	3.84	2	5	ND	2	44	1	2	2	113	.66	.097	4	50	.91	66	.24	2	1.93	.01	.11	1	1
STD C/AU-S	20	57	39	129	6.7	66	30	1062	3.92	35	19	7	33	47	16	17	21	61	.48	.101	34	56	.88	176	.08	37	1.72	.07	.13	12	48

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SAMPLE#	Mo PPH	Cu PPH	Pb PPH	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPH	U PPH	Au PPM	Th PPM	Sr PPM	Cd PPH	Sb PPH	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPH	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	M PPM	Au# PPB
12330	1	56	9	175	.2	31	16	623	4.18	2	5	ND	1	40	1	2	2	129	.64	.090	3	48	.94	57	.25	2	1.92	.02	.13	1	1
12331	1	68	16	393	.1	25	21	857	4.95	2	5	ND	1	51	1	2	2	147	.68	.143	4	43	1.00	96	.25	6	2.26	.02	.14	1	1
12332	7	193	89	853	.5	25	63	870	7.49	12	5	ND	1	91	2	2	3	185	.74	.147	2	33	1.27	88	.22	6	2.79	.01	.10	1	21
12333	2	200	25	290	.4	25	53	1098	6.55	8	5	ND	1	52	1	2	5	159	.74	.150	6	34	1.05	92	.21	8	2.83	.01	.14	1	8
12334	1	157	27	252	.2	21	39	882	5.84	4	5	ND	1	42	1	2	2	183	.60	.069	3	31	1.40	74	.29	5	2.41	.01	.17	1	3
12335	1	216	30	481	.2	25	49	1093	5.95	8	5	ND	1	62	1	2	2	167	.75	.221	3	27	1.26	118	.24	8	2.40	.01	.11	1	2
12336	1	68	24	497	.2	17	26	682	4.23	2	5	ND	1	36	1	2	2	116	.50	.139	2	22	.89	72	.20	9	1.67	.01	.10	1	3
12337	1	89	19	545	.2	25	25	1479	4.41	5	5	ND	1	35	2	2	2	126	.63	.155	3	31	.92	123	.20	6	1.62	.01	.10	1	1
12338	1	73	13	223	.2	24	20	678	3.83	3	5	ND	1	28	1	2	2	103	.46	.228	3	31	.96	114	.21	5	1.89	.01	.08	1	1
12339	1	71	11	436	.3	20	24	1051	4.14	3	5	ND	1	36	2	2	2	113	.65	.070	2	24	1.05	99	.21	4	2.12	.02	.11	1	2
12340	1	104	11	81	.1	47	26	623	5.25	4	5	ND	1	67	1	2	2	150	.77	.081	4	70	1.45	47	.23	9	2.54	.01	.08	1	8
12341	1	68	17	114	.2	40	16	521	4.20	6	5	ND	2	41	1	2	2	119	.55	.098	4	59	1.05	40	.20	6	2.10	.01	.08	1	5
12342	1	46	13	104	.2	43	16	449	4.16	4	5	ND	1	37	1	2	2	117	.53	.097	2	58	1.14	44	.20	5	2.23	.01	.06	1	3
12343	1	58	9	249	.5	18	14	773	3.71	5	5	ND	1	34	1	2	2	88	.48	.267	3	25	.70	53	.12	2	2.07	.01	.07	1	1
12344	1	104	14	226	.5	22	16	698	4.23	8	5	ND	1	52	1	2	2	107	.73	.270	3	30	.97	62	.13	4	2.19	.01	.07	1	3
12345	1	180	16	84	.4	21	24	774	5.70	25	5	ND	1	64	1	2	2	155	.62	.061	2	36	1.42	54	.11	2	2.70	.01	.08	1	5
12346	1	83	15	135	.2	37	18	620	4.18	9	5	ND	1	54	1	3	2	113	.61	.131	2	47	1.13	68	.21	10	2.50	.01	.06	1	1
12347	1	64	18	234	.6	23	16	1398	3.87	5	5	ND	1	42	1	2	2	89	.65	.305	2	36	.60	88	.13	2	2.39	.01	.06	1	1
12348	1	115	15	93	.2	22	17	662	4.28	2	5	ND	1	92	1	2	2	128	.83	.067	4	37	1.12	56	.19	6	3.02	.01	.05	1	1
12349	1	94	18	175	.1	29	21	593	4.52	4	5	ND	1	62	1	3	5	109	.98	.148	5	45	1.02	55	.17	8	2.91	.02	.09	1	6
12350	1	47	14	98	.2	29	18	311	4.09	6	5	ND	1	58	1	3	2	109	.89	.099	4	41	.80	43	.19	7	2.37	.02	.05	1	2
12351	3	274	38	3577	.5	37	27	596	4.16	6	5	ND	1	63	6	2	2	105	.83	.055	2	45	1.03	33	.18	5	2.05	.02	.06	1	10
12352	1	44	5	127	.2	27	16	556	3.28	4	5	ND	2	47	1	3	2	97	.60	.076	5	52	.82	51	.19	5	1.59	.01	.07	1	6
12353	1	94	13	107	.1	32	22	481	4.07	6	5	ND	2	58	1	2	2	120	.65	.039	5	51	1.21	40	.21	3	2.07	.02	.06	1	5
12354	1	72	51	400	.4	33	36	734	5.26	7	5	ND	1	65	1	2	3	135	.67	.158	2	43	1.35	68	.20	6	3.05	.02	.09	1	6
12355	1	31	16	135	.3	20	22	394	3.71	5	5	ND	1	50	1	2	4	99	.70	.050	2	41	.91	42	.19	2	2.10	.02	.09	1	1
12356	1	101	34	209	.2	23	32	746	5.30	7	5	ND	1	40	1	3	2	147	.73	.055	2	41	1.52	44	.24	4	2.29	.02	.24	1	16
12357	1	199	27	143	.3	23	30	579	5.34	3	5	ND	1	38	1	3	2	169	.66	.058	2	34	1.77	44	.28	2	2.41	.02	.08	1	22
12358	1	53	26	256	.3	21	20	622	4.45	3	5	ND	1	38	1	4	2	116	.57	.272	2	37	1.36	122	.23	7	2.30	.01	.18	1	1
12359	1	57	15	258	.2	20	22	609	3.96	4	5	ND	1	42	1	2	2	109	.55	.096	2	30	1.09	61	.22	6	2.09	.02	.09	1	1
12360	1	63	14	148	.2	30	18	680	5.19	2	5	ND	1	48	1	4	2	166	.78	.083	3	45	1.17	80	.26	7	2.61	.02	.09	1	21
12361	1	68	10	167	.2	26	23	801	4.59	2	5	ND	1	51	1	2	2	148	.78	.078	2	44	1.01	75	.26	4	2.01	.02	.16	1	1
12362	1	156	17	449	.2	24	29	1067	5.04	6	5	ND	1	45	1	2	2	141	.59	.130	2	39	.98	121	.24	5	2.45	.02	.12	1	41
12363	1	154	19	668	.4	26	35	1028	5.44	4	5	ND	1	49	1	3	2	151	.59	.141	3	36	1.14	79	.26	2	2.52	.01	.11	1	23
12364	1	121	15	506	.2	25	28	778	4.78	2	5	ND	1	40	1	2	4	129	.52	.149	3	42	1.20	77	.24	6	2.37	.02	.12	1	3
12365	1	179	23	287	.4	31	37	820	5.75	8	5	ND	2	53	1	2	2	158	.61	.194	3	35	1.41	81	.25	4	3.00	.01	.08	1	1
STD C/AU-5	20	57	37	131	6.9	64	29	1076	3.93	40	16	8	34	47	17	15	21	62	.48	.102	35	57	.88	177	.08	35	1.71	.07	.14	12	50

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au# PPB
12366	2	118	32	695	.1	19	47	2404	5.04	4	5	ND	1	50	3	2	2	126	.66	.236	3	26	1.02	221	.21	5	2.15	.02	.10	1	12
12367	1	130	23	353	.1	25	35	680	5.56	7	5	ND	1	43	1	2	3	159	.57	.109	2	36	1.12	73	.25	2	2.17	.02	.10	1	6
12368	1	67	23	802	.1	15	27	1354	4.45	2	5	ND	1	44	2	2	2	100	.57	.450	2	29	.89	226	.22	8	1.89	.02	.13	1	3
12369	1	107	89	1265	.4	24	29	870	4.98	6	5	ND	1	78	3	2	2	127	.62	.139	2	33	1.40	62	.23	6	2.44	.02	.11	1	12
12370	1	151	64	801	.3	21	29	1022	5.94	4	5	ND	1	84	2	2	2	156	.93	.245	2	35	1.74	91	.21	6	2.75	.02	.13	1	2
12371	1	74	7	87	.1	50	21	629	4.57	5	5	ND	2	51	1	2	3	127	.69	.066	5	74	1.32	46	.22	5	2.40	.02	.07	1	1
12372	1	107	13	77	.1	49	21	610	4.88	4	5	ND	2	73	1	2	2	146	.86	.071	4	70	1.48	46	.24	4	2.20	.02	.07	1	7
12373	1	64	7	93	.1	46	17	436	4.22	3	5	ND	1	45	1	2	2	122	.67	.078	4	63	1.21	34	.21	5	2.15	.01	.07	1	2
12374	1	70	22	267	.1	35	18	756	4.88	5	5	ND	1	49	1	2	3	117	.74	.340	2	49	1.30	69	.16	8	2.68	.01	.10	1	1
12375	1	100	16	117	.1	33	17	573	4.59	6	5	ND	1	49	1	2	2	125	.65	.132	4	44	1.17	62	.19	4	2.53	.01	.06	1	1
12376	1	72	21	135	.2	28	14	538	3.71	5	5	ND	1	39	1	2	2	94	.59	.140	4	38	.92	46	.16	2	2.23	.01	.06	1	2
12377	1	30	41	146	.3	20	13	843	4.58	7	5	ND	1	33	1	2	2	133	.51	.156	3	38	.57	68	.20	5	2.07	.01	.05	1	1
12378	1	82	15	80	.1	39	14	492	3.85	6	5	ND	3	50	1	2	4	105	.66	.050	9	65	1.10	50	.21	5	1.95	.02	.10	1	3
12379	1	66	14	132	.1	25	17	601	4.18	5	5	ND	1	46	1	2	4	127	.63	.155	4	53	1.08	53	.20	3	2.31	.02	.06	1	14
12380	1	66	15	164	.1	24	17	609	4.46	4	5	ND	1	59	1	2	2	126	.68	.094	4	47	1.15	43	.19	3	2.22	.02	.05	1	6
12381	1	87	14	82	.1	33	19	545	4.27	5	5	ND	1	64	1	2	3	132	.80	.054	5	60	1.14	34	.24	2	1.90	.02	.10	1	1
12382	1	44	16	220	.1	30	19	784	3.77	2	5	ND	1	60	1	2	3	104	.72	.127	5	52	.91	50	.19	2	1.77	.02	.07	1	3
12383	1	41	13	101	.1	33	16	385	3.79	2	5	ND	1	55	1	2	2	112	.63	.048	4	52	.99	45	.21	2	1.86	.02	.05	1	4
12384	1	38	21	251	.1	29	23	447	4.17	5	5	ND	1	48	1	2	2	113	.64	.071	4	47	1.03	60	.22	5	2.25	.02	.07	1	5
12385	1	49	19	229	.1	29	19	447	3.69	3	5	ND	2	44	1	2	3	94	.69	.129	5	46	1.01	49	.19	3	2.02	.02	.08	1	1
12386	1	31	20	172	.1	17	18	501	3.33	4	5	ND	1	47	1	2	2	92	.66	.060	4	39	.86	43	.20	6	1.67	.02	.08	1	3
12387	1	53	18	458	.3	21	25	689	3.91	4	5	ND	1	42	1	2	2	97	.73	.177	4	30	1.32	89	.22	6	2.09	.03	.15	1	17
12388	1	88	31	464	.1	21	25	1069	3.88	5	5	ND	1	44	2	2	2	97	.69	.226	4	34	1.06	119	.18	8	1.82	.02	.10	1	14
12389	1	126	29	280	.1	21	31	531	5.26	3	5	ND	1	55	1	2	6	149	.82	.148	4	34	1.59	51	.22	3	2.48	.02	.08	1	4
12390	1	73	33	260	.1	21	21	672	4.54	2	5	ND	1	67	1	2	3	114	.80	.148	2	33	1.28	113	.20	2	2.58	.02	.12	1	5
12391	1	47	8	172	.1	25	17	827	4.29	5	5	ND	1	39	1	2	2	115	.54	.251	2	46	.79	97	.16	2	2.15	.02	.07	1	1
12392	1	23	13	183	.2	18	11	996	3.01	4	5	ND	1	36	1	2	2	80	.48	.176	4	42	.53	107	.15	2	1.63	.02	.06	1	1
12393	1	57	15	217	.3	22	16	1179	4.27	2	5	ND	1	51	1	2	2	122	.65	.089	2	39	.71	132	.20	3	1.97	.02	.09	1	1
12394	1	67	17	395	.2	23	34	673	5.04	4	5	ND	1	45	1	2	2	138	.72	.074	2	35	.86	71	.21	8	2.26	.01	.13	1	6
12395	1	102	17	270	.2	20	32	881	5.07	8	5	ND	1	53	1	3	2	151	.71	.070	2	39	1.00	70	.23	3	2.18	.02	.12	1	4
12396	1	126	25	314	.3	17	31	740	5.49	7	5	ND	1	52	1	2	2	164	.73	.079	2	35	1.19	64	.25	5	2.19	.02	.12	1	1
12397	1	99	14	397	.4	21	30	776	4.98	9	5	ND	1	53	1	2	2	133	.69	.165	2	37	1.18	97	.26	5	2.26	.02	.12	1	19
12398	1	82	18	473	.4	24	33	690	4.98	6	5	ND	1	48	1	2	5	117	.63	.243	2	30	1.05	97	.20	4	2.49	.02	.12	1	5
12399	1	190	35	395	.3	23	34	864	5.87	6	5	ND	1	41	1	2	4	168	.57	.160	2	31	1.54	54	.24	2	2.85	.02	.08	1	2
12400	1	53	22	365	.2	26	18	644	3.87	5	5	ND	1	41	1	2	2	99	.60	.131	2	47	.97	58	.19	2	2.16	.01	.09	1	1
12401	1	72	15	301	.3	33	33	661	4.97	5	5	ND	1	45	1	3	2	126	.51	.211	2	47	1.16	85	.21	2	2.53	.02	.09	1	2
STD C/AU-S	20	59	37	130	6.7	63	29	1073	3.92	36	16	8	34	47	17	15	21	62	.48	.102	34	57	.88	175	.08	33	1.72	.07	.13	12	54

ORBEX INDUSTRIES PROJECT - 206 FILE # 86-2561

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	M PPM	Au# PPB
12402	1	57	16	213	.1	15	22	1229	3.71	2	5	ND	1	38	1	2	2	106	.58	.117	3	25	.93	85	.19	3	1.64	.02	.11	1	4
12403	1	114	11	225	.2	25	25	666	4.92	2	5	ND	1	45	1	2	2	144	.57	.149	4	38	1.33	73	.27	3	2.42	.02	.10	1	26
12404	1	128	26	264	.2	27	27	678	5.28	3	5	ND	1	48	1	2	3	164	.63	.129	2	42	1.49	94	.30	3	2.43	.01	.10	1	9
12405	1	81	11	170	.3	21	26	1049	4.14	6	5	ND	1	35	1	2	3	127	.55	.095	3	22	.99	73	.24	2	1.82	.01	.10	1	7
12406	1	81	18	221	.1	16	25	534	5.03	3	5	ND	1	20	1	2	2	161	.55	.070	4	22	1.22	45	.31	2	1.95	.01	.08	1	5
12407	1	305	24	238	.2	23	31	676	6.20	5	5	ND	1	35	1	2	2	205	.49	.109	2	28	1.40	55	.34	5	2.84	.01	.10	1	9
12408	1	80	19	240	.3	13	17	620	3.57	6	5	ND	1	33	1	2	2	93	.36	.270	3	23	.65	89	.23	2	1.78	.01	.06	1	5
12409	1	533	41	795	.3	24	28	876	4.97	7	5	ND	2	40	1	2	3	144	.50	.210	5	25	1.29	110	.30	6	2.59	.01	.11	1	8
12410	1	145	20	176	.1	39	27	551	5.13	8	5	ND	1	27	1	2	2	176	.41	.078	3	64	2.35	56	.33	2	2.50	.01	.12	1	12
12411	1	136	27	430	.3	13	21	1048	4.49	3	5	ND	1	40	1	2	2	142	.57	.185	3	22	1.05	136	.30	4	2.04	.01	.13	1	11
12412	1	160	17	291	.1	20	32	985	4.84	4	5	ND	1	57	1	2	3	162	.66	.227	2	32	1.27	177	.31	3	2.16	.01	.11	1	34
12413	1	203	20	413	.2	25	25	727	5.47	5	5	ND	1	63	1	2	2	164	.69	.217	4	44	1.44	151	.32	4	2.64	.01	.09	1	33
12414	1	199	17	209	.2	26	29	573	7.02	2	5	ND	1	67	1	2	4	270	.69	.175	4	33	1.34	118	.33	7	2.31	.02	.16	1	1
12415	1	113	18	308	.2	30	24	852	6.09	7	5	ND	1	63	1	2	7	184	.64	.235	2	72	1.72	114	.32	7	2.69	.01	.09	1	1
12416	1	56	8	247	.1	23	18	2430	3.81	5	5	ND	1	103	1	2	2	96	.96	.220	6	27	.85	149	.18	7	2.59	.02	.17	1	1
12417	1	41	23	266	.1	50	17	526	3.76	2	5	ND	2	47	1	2	3	86	.72	.194	4	66	.97	52	.22	5	2.41	.01	.12	1	1
12418	1	24	8	140	.2	33	13	647	3.06	2	5	ND	2	39	1	2	2	81	.60	.068	7	63	.78	52	.19	2	1.74	.01	.10	1	1
12419	1	57	15	226	.1	47	18	616	4.30	3	5	ND	2	68	1	2	2	108	.66	.209	4	65	1.17	36	.22	5	2.48	.01	.09	1	1
12420	1	135	25	258	.4	33	28	924	4.92	10	5	ND	2	117	1	2	2	121	.78	.314	5	40	1.31	50	.20	3	2.64	.02	.09	1	17
12421	1	39	17	676	.3	13	16	3030	2.85	2	5	ND	1	87	2	2	2	57	.92	.309	4	20	.46	132	.12	3	1.62	.02	.12	1	1
12422	1	69	22	271	.3	28	21	1447	4.84	2	5	ND	1	70	1	2	2	141	.70	.143	3	39	1.12	70	.24	2	2.54	.02	.11	1	1
12423	1	67	17	141	.1	31	18	655	4.48	2	5	ND	2	72	1	2	2	143	.72	.051	4	50	1.13	35	.27	6	2.18	.02	.10	1	6
12424	1	59	9	125	.1	30	16	489	3.52	5	5	ND	2	71	1	2	2	109	.69	.044	6	49	.89	45	.20	2	1.98	.01	.08	1	1
12425	1	40	14	96	.2	27	13	393	3.14	2	5	ND	1	53	1	2	2	92	.67	.054	3	49	.78	31	.21	3	1.97	.01	.08	1	1
12426	1	40	12	227	.3	37	14	534	3.20	2	5	ND	2	50	1	3	4	72	.76	.179	5	53	.84	50	.19	6	2.17	.01	.10	1	1
12427	1	45	9	58	.1	33	13	373	3.11	6	5	ND	1	43	1	2	3	94	.70	.043	5	67	.80	39	.21	2	1.89	.02	.06	1	1
12428	1	30	9	89	.2	35	16	393	4.08	5	5	ND	1	36	1	2	2	111	.50	.111	4	62	.89	41	.21	3	2.39	.01	.10	1	3
12429	1	247	11	75	.7	43	20	1769	3.39	4	5	ND	1	62	1	2	2	82	1.39	.049	10	45	.83	71	.13	6	2.11	.02	.07	2	4
12430	1	75	7	74	.2	30	16	601	3.89	2	5	ND	1	58	1	2	2	102	.78	.117	4	46	1.11	39	.18	3	1.78	.01	.09	1	1
12431	1	80	5	81	.2	23	22	705	5.51	2	5	ND	2	62	1	2	3	147	.58	.057	3	41	1.47	45	.15	2	2.68	.02	.06	1	2
12432	1	30	8	83	.1	36	14	431	3.38	4	5	ND	2	50	1	3	2	89	.59	.070	6	54	.82	43	.21	2	2.00	.01	.06	1	1
12433	3	436	8	90	.2	55	36	943	5.06	9	5	ND	3	62	1	2	3	144	1.41	.128	11	63	1.69	80	.26	5	2.30	.02	.17	1	32
12434	2	183	13	129	.2	38	29	420	4.59	6	5	ND	2	37	1	2	2	137	.56	.097	4	43	1.16	70	.27	2	2.34	.02	.07	1	220
12435	1	154	13	171	.2	27	26	717	4.83	7	5	ND	1	55	1	2	5	151	.61	.073	4	40	1.06	78	.25	4	2.80	.01	.12	1	19
12436	1	167	7	231	.3	35	32	618	5.03	6	5	ND	2	45	1	2	2	130	.59	.198	5	48	1.18	80	.26	3	2.67	.01	.10	1	15
12437	1	69	10	162	.2	23	19	567	3.53	6	5	ND	1	38	1	2	2	99	.51	.165	5	59	1.02	102	.30	4	1.92	.02	.11	1	24
STD C/AU-5	21	55	41	133	6.9	66	30	1104	3.94	37	15	8	34	48	16	15	21	64	.48	.107	36	59	.88	181	.09	33	1.71	.07	.13	12	52

ORBEX INDUSTRIES PROJECT - 206 FILE # 86-2561

PAGE 8

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
12438	1	208	12	133	.2	34	32	592	4.92	5	5	ND	1	59	1	2	2	147	.62	.105	4	68	1.45	72	.32	4	2.30	.02	.11	1	57
12439	1	162	13	85	.1	30	23	701	5.36	2	5	ND	2	48	1	2	2	170	.89	.060	8	50	1.33	53	.32	2	2.28	.02	.19	1	54
12440	1	201	10	124	.1	27	30	678	5.03	2	5	ND	1	49	1	2	2	157	.86	.081	6	43	1.16	71	.27	7	2.23	.02	.10	1	37
12441	1	84	8	333	.2	18	19	1314	3.30	5	5	ND	1	40	1	2	2	95	.65	.158	4	24	.69	106	.17	6	1.53	.02	.11	1	6
12442	1	85	9	233	.1	22	22	853	3.81	4	5	ND	1	40	1	2	2	111	.54	.122	3	35	1.04	90	.26	2	2.06	.02	.10	1	8
12443	1	105	16	228	.2	27	23	1477	4.15	2	5	ND	1	45	1	2	2	104	.85	.224	4	39	1.19	127	.26	2	2.84	.02	.13	1	12
12444	1	203	15	119	.1	24	27	650	5.10	3	5	ND	1	48	1	2	2	165	.71	.051	3	53	1.47	50	.34	8	2.30	.01	.11	1	19
12445	1	108	2	220	.2	24	22	828	3.67	4	5	ND	1	34	1	2	4	108	.54	.086	4	39	1.22	73	.27	3	1.90	.02	.11	1	11
12446	1	163	9	195	.2	20	22	723	3.45	2	5	ND	1	32	1	2	3	99	.56	.126	3	35	.96	59	.22	3	1.84	.01	.06	1	25
12447	1	208	14	116	.1	28	27	801	5.84	5	5	ND	2	70	1	2	2	189	.89	.099	4	46	1.88	61	.39	2	3.02	.01	.14	1	10
12448	1	332	17	112	.2	20	29	765	5.27	3	5	ND	1	55	1	2	2	172	.64	.070	3	55	1.88	35	.31	2	2.67	.01	.11	1	26
12449	1	53	8	153	.2	15	16	652	3.31	6	5	ND	1	41	1	2	2	102	.53	.080	4	28	.99	54	.23	7	1.64	.02	.10	1	8
12450	1	145	16	174	.5	25	26	728	5.09	12	5	ND	1	40	1	3	3	160	.68	.115	4	36	1.33	53	.29	4	2.38	.01	.11	1	11
12451	1	89	16	159	.1	29	23	555	4.62	5	5	ND	1	62	1	2	2	135	.66	.136	5	46	1.24	47	.24	4	2.35	.02	.11	1	9
12452	1	44	17	266	.1	31	24	1031	4.49	3	5	ND	1	48	1	2	2	132	.63	.103	5	52	1.28	62	.28	2	2.13	.02	.09	1	16
12453	1	35	12	316	.3	28	18	731	3.99	10	5	ND	1	73	1	2	2	104	.66	.130	4	39	.89	53	.22	3	2.08	.02	.09	1	1
12454	1	211	17	116	.3	32	33	875	5.93	13	5	ND	2	131	1	2	6	193	1.16	.105	10	47	1.84	37	.26	2	3.27	.02	.11	1	28
12455	1	31	7	135	.2	22	20	413	4.57	4	5	ND	1	133	1	2	2	138	.95	.058	3	24	.93	33	.23	6	2.71	.02	.08	1	6
12456	8	13	2	57	.2	3	1	176	.30	2	5	ND	1	50	1	3	2	4	3.09	.038	2	3	.17	21	.01	9	.10	.01	.02	1	1
12457	1	218	17	94	.3	31	28	698	5.53	9	5	ND	2	61	1	2	2	176	1.19	.101	7	50	1.66	44	.26	5	2.40	.02	.10	1	12
12458	1	207	9	299	.4	27	26	799	5.48	4	5	ND	1	42	1	2	5	164	.61	.194	3	39	1.23	60	.22	5	2.60	.01	.08	1	17
12459	1	174	15	226	.3	23	22	1005	4.77	4	5	ND	1	47	1	2	2	134	.54	.220	2	25	1.23	69	.22	2	2.53	.01	.08	1	5
12460	1	137	20	285	.2	23	21	737	4.85	4	5	ND	1	47	1	2	5	143	.59	.216	2	22	1.30	63	.24	7	2.81	.01	.08	1	12
12461	1	145	21	360	.4	17	22	634	4.18	5	5	ND	1	46	1	2	2	119	.64	.205	2	22	1.06	74	.24	10	2.28	.01	.09	1	9
12462	1	50	9	447	.2	10	14	527	3.48	2	5	ND	2	36	1	2	3	92	.48	.235	3	18	.77	91	.24	2	1.77	.01	.08	1	2
12463	1	202	13	307	.2	19	24	761	5.26	4	5	ND	1	38	1	2	3	178	.62	.167	2	23	1.25	89	.28	5	2.27	.01	.10	1	5
12464	1	271	19	269	.2	21	26	568	4.64	5	5	ND	1	45	1	2	2	140	.64	.134	2	26	1.19	60	.28	6	2.52	.01	.11	1	4
12465	1	117	12	451	.3	21	18	479	3.80	5	5	ND	1	35	1	2	2	106	.55	.147	2	32	.95	104	.25	2	2.23	.01	.09	1	2
12466	1	276	15	262	.3	29	26	637	4.98	5	5	ND	1	44	1	2	2	155	.69	.141	3	60	1.33	81	.31	6	2.57	.01	.10	1	7
12467	1	154	19	134	.2	28	23	684	5.76	6	5	ND	2	41	1	2	2	178	.69	.176	2	61	1.61	55	.30	6	2.67	.01	.11	1	14
12468	1	125	11	153	.2	26	20	680	4.54	5	5	ND	1	42	1	2	2	132	.64	.137	3	50	1.16	139	.28	2	2.47	.01	.09	1	9
12469	1	170	11	151	.3	26	25	737	6.49	4	5	ND	1	59	1	2	3	203	.78	.173	2	55	1.61	125	.30	3	2.84	.02	.09	1	1
12470	1	147	17	279	1.3	27	27	810	5.14	6	5	ND	1	49	1	2	2	148	1.10	.118	4	43	1.55	64	.26	6	2.44	.01	.11	1	13
12471	1	6785	2	51	.4	20	215	412	.40	2	7	ND	1	89	1	4	2	10	4.75	.079	6	5	.22	33	.01	13	.24	.01	.02	1	6
12472	1	122	10	191	.2	27	20	708	3.99	4	5	ND	1	23	1	2	2	122	.63	.070	2	77	1.61	42	.25	3	1.70	.01	.17	1	1
12473	1	122	22	294	.4	30	23	621	5.35	4	5	ND	2	44	1	2	2	156	.56	.226	3	40	1.35	63	.26	3	2.65	.01	.07	1	6
STD C/AU-S	20	55	39	131	6.7	66	29	1066	3.93	42	17	7	33	47	16	15	19	61	.48	.103	35	55	.88	173	.08	37	1.71	.07	.13	12	51

ORBEX INDUSTRIES PROJECT - 206 FILE # 86-2561

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	W	Au*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	I	PPM	PPM	I	PPM	I	PPM	I	I	I	PPM	PPB
12474	1	76	10	258	.7	17	17	429	4.78	4	14	ND	2	49	1	2	4	141	.64	.308	6	32	.86	54	.27	7	2.08	.01	.10	1	4
12475	1	121	18	700	.8	16	21	656	4.52	3	15	ND	2	66	1	2	2	119	.91	.422	6	24	1.04	164	.25	6	2.16	.01	.09	1	10
12476	1	233	15	387	.6	21	28	817	3.93	6	15	ND	2	41	1	2	2	128	.65	.107	5	26	1.00	111	.29	4	1.97	.02	.13	1	13
12477	1	252	12	321	.7	21	29	509	5.04	4	12	ND	2	37	2	2	2	164	.69	.106	5	36	1.04	68	.28	5	2.21	.01	.10	1	2
12478	1	247	9	102	.7	56	30	668	5.66	3	16	ND	2	45	1	2	2	181	1.23	.092	10	80	1.76	63	.31	4	2.65	.01	.25	1	6
12479	1	407	21	382	1.0	41	41	874	6.92	8	17	ND	2	61	2	2	2	205	.93	.170	7	70	2.09	79	.36	6	3.43	.01	.13	1	3
12480	1	122	12	350	.7	38	24	525	4.37	4	12	ND	2	32	1	2	2	129	.57	.115	6	75	1.31	82	.30	4	2.46	.01	.11	1	2
12481	1	232	8	253	.9	25	27	973	5.28	6	12	ND	2	56	1	2	2	145	.67	.239	5	46	1.42	181	.27	5	2.75	.01	.08	1	4
12482	1	247	21	258	.8	31	33	780	8.22	6	18	ND	2	68	1	2	2	251	.80	.325	3	61	1.64	209	.27	4	2.84	.02	.08	1	5
12483	1	260	6	213	.7	29	32	757	6.87	6	14	ND	1	89	1	2	2	220	.96	.247	2	58	1.58	122	.27	2	2.89	.02	.08	1	3
12484	1	245	8	199	.8	32	34	555	4.94	5	14	ND	2	68	1	2	2	151	.75	.197	4	46	1.18	146	.27	6	2.47	.02	.11	1	5
12485	1	225	4	199	.9	29	28	778	5.04	7	16	ND	2	79	1	2	2	155	.87	.183	4	48	1.29	189	.24	4	2.80	.03	.08	1	1
12486	1	202	8	179	.7	27	27	805	5.85	6	15	ND	1	113	1	2	2	179	1.23	.298	4	49	1.28	151	.23	4	2.93	.05	.10	1	9
12487	1	72	13	76	.5	42	28	529	5.36	3	11	ND	1	34	1	2	2	162	.65	.031	3	49	1.78	36	.28	7	2.32	.01	.18	1	3
12488	1	645	11	178	.7	23	28	759	6.93	9	14	ND	1	55	1	2	2	249	.76	.103	2	29	1.86	80	.34	2	2.90	.01	.15	1	42
12489	1	119	33	393	.7	19	25	1107	7.12	13	11	ND	1	105	1	2	2	222	.64	.119	2	35	1.68	96	.30	3	3.06	.01	.08	1	6
12490	1	452	50	480	.8	23	51	1346	7.85	13	15	ND	1	38	1	2	2	282	.95	.087	2	41	2.92	57	.44	6	3.41	.01	.07	1	15
12491	1	187	15	515	.9	36	29	640	5.59	9	10	ND	2	37	1	2	2	151	.52	.400	5	46	1.37	107	.27	3	3.09	.01	.10	1	1
12492	1	178	23	772	1.1	34	28	604	5.49	7	12	ND	2	36	2	2	2	143	.55	.447	5	44	1.57	84	.31	5	3.13	.02	.09	1	5
12493	1	513	10	198	.8	41	29	988	6.63	11	11	ND	1	69	1	2	2	195	.72	.111	3	72	2.18	131	.34	3	3.40	.01	.13	1	10
12494	1	191	13	194	.6	33	29	727	5.64	8	13	ND	1	52	1	2	2	165	.58	.151	2	54	1.51	135	.29	5	3.02	.01	.10	1	5
12495	1	315	16	280	.8	32	37	869	6.68	6	14	ND	1	79	1	2	2	199	.81	.157	2	61	1.70	142	.31	4	3.09	.01	.11	1	1
12496	1	69	8	77	.4	38	18	445	3.70	3	8	ND	3	45	1	2	3	93	.68	.060	9	66	.96	59	.18	4	1.87	.02	.13	1	15
12497	1	41	3	75	.4	37	14	349	3.26	3	7	ND	2	42	1	2	2	81	.53	.048	12	55	.91	50	.17	4	1.77	.02	.09	1	2
12498	1	42	14	79	.5	32	14	413	3.31	7	10	ND	3	40	1	2	2	86	.55	.046	9	57	.87	57	.18	6	1.76	.02	.10	1	3
12499	2	39	9	90	.3	23	13	511	3.14	5	8	ND	1	37	1	2	2	89	.52	.126	7	45	.68	47	.16	3	1.58	.01	.07	1	1
12500	5	168	9	67	.8	30	22	3661	3.17	5	11	ND	3	84	1	2	2	73	9.38	.142	7	33	.86	75	.06	27	1.53	.02	.06	1	1
12601	2	73	62	628	.5	37	32	711	5.42	14	11	ND	1	52	1	2	2	128	.69	.241	3	52	1.93	71	.22	5	2.53	.02	.12	1	21
12602	2	89	2	71	.4	46	24	488	4.56	7	10	ND	1	64	1	2	2	134	.77	.073	3	76	1.29	39	.24	6	2.16	.02	.07	1	17
12603	2	65	13	119	.6	45	20	714	4.63	7	11	ND	1	47	1	2	2	131	.71	.085	3	70	.99	58	.20	2	2.37	.02	.06	1	11
12604	3	144	4	42	.5	13	7	570	.64	2	14	ND	2	115	1	2	2	15	25.10	.113	2	13	.28	27	.01	15	.40	.01	.02	1	1
12605	2	80	13	112	.5	37	18	478	4.12	7	10	ND	2	47	1	2	2	111	1.93	.078	5	54	1.11	56	.17	7	2.28	.02	.07	1	1
12606	2	52	10	238	.5	36	19	681	4.73	7	9	ND	1	48	1	2	2	124	.83	.241	2	45	1.06	68	.20	7	2.63	.01	.08	1	3
12607	2	60	3	91	.4	34	17	459	3.90	8	8	ND	1	45	1	2	2	116	.58	.075	5	54	.98	44	.20	3	2.09	.01	.06	1	1
12608	2	32	15	125	.2	24	11	544	2.68	2	5	ND	1	44	1	2	2	73	.62	.104	6	42	.72	60	.18	3	1.72	.01	.09	1	1
12609	2	48	16	146	.3	25	14	622	3.25	5	5	ND	1	54	1	2	2	88	.85	.154	5	36	.75	61	.17	5	1.98	.02	.10	1	5
STD C/AU-S	22	62	43	140	6.9	72	32	1120	3.96	42	20	8	30	47	19	16	20	63	.48	.112	35	62	.89	173	.08	35	1.73	.06	.13	12	48

ORBEX INDUSTRIES PROJECT - 206 FILE # 86-2561

SAMPLE#	Mo PPH	Cu PPH	Pb PPH	Zn PPH	Ag PPH	Ni PPH	Co PPH	Mn PPH	Fe %	As PPH	U PPH	Au PPH	Th PPH	Sr PPH	Cd PPH	Sb PPH	Bi PPH	V PPH	Ca %	P %	La PPH	Cr PPH	Mg %	Ba PPH	Ti %	B PPH	Al %	Na %	K %	W PPH	Au PPB
12610	1	69	14	353	.4	26	14	628	3.59	6	5	ND	2	45	1	3	2	75	.59	.323	5	32	.90	96	.16	7	2.36	.02	.08	2	1
12611	1	61	13	157	.3	32	16	434	4.33	5	5	ND	1	51	1	2	2	97	.68	.163	5	35	1.04	61	.17	6	2.62	.02	.07	1	2
12612	1	88	13	109	.5	24	15	560	4.56	7	5	ND	1	88	1	2	2	120	1.30	.065	5	35	.93	53	.16	6	2.81	.02	.04	1	1
12613	1	84	13	122	.3	25	16	514	4.29	7	5	ND	1	72	1	2	2	112	.82	.107	5	42	.99	37	.18	8	1.94	.02	.09	1	7
12614	1	63	14	115	.3	33	18	502	4.20	3	5	ND	2	60	1	2	2	106	1.02	.049	7	46	1.13	46	.20	4	2.06	.02	.07	1	12
12615	1	41	9	166	.4	32	17	415	4.02	6	5	ND	2	53	1	2	2	94	.65	.233	5	43	.97	55	.17	8	2.14	.02	.07	1	19
12616	1	97	17	124	.3	33	19	777	4.03	6	5	ND	2	53	1	2	2	100	.70	.089	8	52	1.06	49	.18	6	1.98	.02	.11	1	4
12617	1	54	11	142	.2	30	15	461	3.46	5	5	ND	1	43	1	2	2	90	.74	.042	7	41	1.09	43	.20	8	1.83	.02	.08	1	4
12618	1	54	15	245	.5	23	20	831	2.98	3	5	ND	1	52	1	2	3	71	.63	.143	4	30	.72	67	.16	4	1.67	.02	.07	1	2
12619	1	70	15	285	.3	29	24	548	4.32	6	6	ND	1	46	1	2	2	110	.70	.114	3	43	1.02	63	.19	3	2.03	.02	.09	1	1
12620	1	63	15	130	.2	29	18	543	4.56	8	5	ND	1	53	1	2	4	121	.69	.115	5	43	1.18	68	.20	7	2.14	.02	.09	1	6
12621	1	83	23	232	.4	24	19	616	4.67	6	5	ND	1	50	1	2	2	122	.71	.120	4	36	1.16	58	.20	7	2.06	.02	.08	1	8
12622	1	27	7	170	.1	37	12	562	3.32	7	5	ND	1	30	1	2	2	73	.55	.182	5	53	.67	57	.16	4	2.08	.01	.09	1	1
12623	1	24	11	39	.3	15	8	205	2.72	2	5	ND	1	49	1	2	2	89	.75	.016	4	31	.33	22	.14	5	1.23	.01	.05	1	1
12624	1	36	5	68	.4	32	17	551	3.88	5	5	ND	1	64	1	2	8	99	.63	.037	6	46	.97	57	.19	8	2.11	.01	.06	1	1
12625	1	23	10	107	.2	12	12	816	2.95	4	5	ND	1	34	1	3	2	71	.48	.110	5	35	.51	101	.17	7	1.43	.01	.10	1	1
12626	2	44	5	139	.2	15	15	1404	2.89	2	5	ND	1	37	1	2	2	73	.61	.061	5	30	.47	62	.16	5	1.26	.01	.07	1	14
12627	1	94	12	127	.3	29	24	533	4.51	5	5	ND	1	62	1	2	3	115	.60	.089	5	45	.89	57	.23	4	2.26	.01	.06	1	8
12628	1	66	10	109	.2	31	23	617	5.04	5	5	ND	1	54	1	2	5	134	.56	.090	5	48	1.24	62	.25	3	2.52	.02	.12	1	16
12629	1	37	7	124	.3	29	14	510	4.48	7	5	ND	1	149	1	2	2	104	.77	.194	6	53	1.00	62	.18	9	2.18	.02	.09	1	2
12630	1	87	8	173	.4	32	25	947	4.43	6	5	ND	1	83	1	2	4	107	.61	.117	6	52	1.03	63	.23	3	2.12	.02	.12	1	12
12631	1	138	9	84	.2	45	23	537	5.23	10	5	ND	1	56	1	2	3	139	.78	.060	5	72	1.40	38	.24	5	2.47	.02	.11	1	4
12632	1	58	7	165	.2	35	17	339	3.78	5	5	ND	1	57	1	2	2	93	.64	.075	4	41	.93	45	.21	4	2.31	.01	.11	1	1
12633	3	63	11	242	.4	38	17	443	4.57	7	5	ND	1	63	1	3	2	111	.70	.058	5	44	1.05	54	.22	10	2.84	.02	.09	1	2
12634	1	55	8	81	.3	25	17	443	4.46	4	5	ND	1	70	1	2	2	126	.68	.040	4	39	1.10	44	.22	9	2.32	.01	.08	1	1
12635	1	33	10	96	.2	29	12	273	3.47	6	5	ND	1	40	1	3	2	94	.67	.039	5	43	.68	30	.18	5	1.88	.01	.05	2	1
12636	1	24	8	81	.1	30	13	358	3.36	3	5	ND	1	25	1	2	2	90	.47	.087	3	44	.78	39	.18	2	1.87	.01	.08	1	2
12637	1	56	12	208	.1	27	15	613	3.75	5	5	ND	2	58	1	3	2	80	.67	.265	5	34	.84	69	.16	6	2.02	.01	.10	1	1
12638	1	45	24	394	.4	34	18	834	4.59	13	5	ND	1	87	1	2	2	109	.73	.214	4	37	1.17	72	.19	2	2.23	.02	.10	1	8
12639	1	97	10	114	.1	30	19	547	4.45	2	5	ND	1	106	1	2	2	119	.66	.070	2	39	1.18	52	.21	2	2.38	.02	.05	1	1
12640	1	26	8	122	.1	24	13	620	3.61	7	5	ND	1	59	1	2	3	99	.59	.084	5	46	.68	41	.19	6	1.77	.01	.10	1	2
12641	1	77	14	117	.2	34	18	632	4.49	9	5	ND	1	58	1	2	2	124	.71	.073	4	54	1.16	44	.21	5	2.35	.01	.08	1	17
12642	1	66	6	147	.2	64	17	651	4.11	7	5	ND	1	41	1	2	2	99	.69	.092	5	61	1.31	50	.19	3	2.62	.01	.08	2	1
12643	2	113	11	571	.9	50	29	368	5.08	19	5	ND	1	37	1	2	2	125	.66	.026	4	57	1.29	33	.22	6	2.49	.01	.04	1	73
12644	1	54	22	162	.3	24	19	517	4.82	6	5	ND	1	170	1	2	2	156	.79	.036	3	28	.99	37	.23	4	3.01	.02	.03	1	2
12645	1	42	21	253	.5	34	20	465	5.04	17	5	ND	1	78	1	2	2	143	.69	.036	4	46	1.31	51	.25	2	2.73	.02	.06	1	2
STD C/AU-S	18	57	37	132	6.8	67	27	1003	3.96	39	17	7	31	44	16	17	18	57	.48	.095	33	53	.88	164	.08	33	1.72	.06	.12	12	50

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SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au#
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	%	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	%	%	PPH	PPH	%	PPH	%	PPH	%	%	%	PPH	PPB
12646	1	29	13	99	.2	30	16	416	3.96	2	5	ND	1	68	1	2	2	122	.59	.019	5	43	1.09	33	.22	11	1.99	.02	.06	1	1
12647	1	38	32	145	.1	22	19	483	5.25	2	5	ND	1	86	1	2	2	185	.66	.026	4	47	1.17	37	.28	8	2.28	.02	.06	1	1
12648	1	91	13	103	.2	42	21	688	4.81	4	5	ND	1	41	1	2	2	137	.84	.075	7	67	1.35	44	.25	11	2.47	.02	.07	1	1
12649	1	113	12	176	.1	39	24	620	4.85	5	5	ND	2	47	1	2	3	138	.63	.119	6	51	1.27	53	.23	6	2.69	.02	.10	1	2
12650	1	244	13	91	.1	21	27	905	5.65	11	5	ND	1	96	1	2	2	186	1.01	.103	7	41	1.67	47	.26	2	2.82	.02	.15	1	2
12651	1	104	18	150	.4	26	27	851	4.53	4	5	ND	1	73	1	2	2	143	.79	.073	5	74	1.45	61	.32	7	2.39	.01	.09	1	1
12652	1	116	8	162	.1	24	19	523	4.00	2	5	ND	2	81	1	2	2	116	.68	.095	5	46	1.07	55	.24	5	2.28	.02	.10	1	2
12653	1	899	9	94	.1	30	26	625	5.02	2	5	ND	2	44	1	2	2	171	.71	.029	6	82	2.01	37	.38	10	2.58	.02	.14	1	200
12654	1	295	2	117	.1	39	36	613	6.27	3	5	ND	1	64	1	2	2	217	.86	.073	5	92	2.13	134	.38	10	2.92	.02	.16	1	7
12655	1	68	10	141	.2	24	14	560	3.39	2	5	ND	1	38	1	2	2	102	.61	.072	5	56	.97	91	.27	3	1.85	.02	.10	1	1
12656	1	147	8	158	.3	28	23	727	5.72	2	5	ND	1	42	1	2	2	182	.64	.151	3	58	1.22	143	.29	10	2.41	.02	.14	1	6
12657	1	59	11	117	.2	10	11	466	2.59	2	5	ND	1	23	1	2	2	78	.36	.056	2	24	.58	35	.14	2	1.19	.01	.06	1	1
12658	1	63	9	111	.2	20	14	559	3.49	2	5	ND	1	28	1	2	2	94	.65	.203	4	58	.77	83	.20	5	2.02	.01	.08	1	11
12659	1	290	12	141	.1	24	27	744	5.66	2	5	ND	1	47	1	2	2	188	.81	.135	4	69	1.72	61	.32	9	2.68	.01	.13	1	7
12660	1	168	15	330	.2	23	22	619	4.03	3	5	ND	1	46	1	2	2	114	.59	.200	4	37	1.16	109	.26	6	2.22	.02	.08	1	6
12661	1	338	13	403	.2	21	27	651	4.49	6	5	ND	1	51	1	2	2	128	.87	.275	5	34	1.40	93	.27	5	2.50	.02	.10	1	9
12662	1	207	11	421	.4	14	24	532	4.64	2	5	ND	1	44	1	2	2	136	.54	.292	2	26	1.17	93	.32	11	2.25	.02	.19	1	5
12663	1	139	18	246	.3	15	19	909	4.47	3	5	ND	1	53	1	2	3	126	.63	.197	5	31	1.15	89	.24	8	2.53	.02	.08	1	3
12664	1	184	13	278	.4	17	21	1172	3.90	5	5	ND	1	47	1	2	2	115	.64	.163	3	23	1.04	81	.23	5	2.23	.01	.11	1	5
12665	1	141	19	334	.2	16	22	738	4.43	4	5	ND	1	45	1	2	2	118	.60	.186	3	24	1.25	76	.25	8	2.60	.01	.11	1	7
12666	1	169	21	310	.6	18	20	734	4.30	2	5	ND	1	64	1	2	3	123	.69	.210	3	29	1.22	73	.22	8	2.62	.01	.09	1	13
12667	1	213	34	308	.5	27	26	884	4.57	3	5	ND	1	52	1	2	2	131	.81	.198	4	35	1.49	64	.22	6	2.55	.01	.08	1	11
12668	1	134	20	256	.4	42	31	739	5.50	4	5	ND	2	46	1	2	2	143	.58	.296	2	59	1.38	68	.25	10	2.82	.01	.09	1	1
12669	1	87	13	201	.4	22	27	686	5.67	6	5	ND	1	53	1	2	3	164	.60	.195	2	42	1.15	60	.26	7	2.32	.01	.09	1	1
12670	1	82	8	108	.3	25	20	538	4.96	5	5	ND	1	117	1	2	2	164	1.00	.117	3	32	1.21	40	.23	10	3.01	.02	.07	1	2
12671	1	105	13	188	.2	28	20	504	4.36	3	5	ND	1	48	1	3	2	123	.65	.216	2	61	.99	155	.22	6	2.33	.02	.08	1	3
12672	1	134	10	252	.3	34	25	510	5.13	2	5	ND	1	42	1	2	2	159	.60	.206	2	81	1.27	122	.26	6	2.47	.02	.08	1	5
12673	1	38	2	134	.2	26	15	489	4.36	2	5	ND	1	29	1	2	2	122	.63	.311	2	82	.80	156	.19	3	2.11	.01	.05	1	3
12674	1	43	7	119	.2	25	13	527	3.41	2	5	ND	2	43	1	2	2	90	.54	.106	6	44	.79	60	.16	4	1.87	.01	.08	1	1
12675	1	79	8	186	.4	24	16	521	4.39	2	5	ND	2	49	1	2	4	113	.56	.197	4	39	.95	56	.18	6	2.51	.01	.09	1	3
12676	1	54	11	120	.3	30	17	489	4.28	4	5	ND	2	57	1	2	3	114	.66	.138	5	48	1.03	56	.19	5	2.28	.02	.08	1	1
12677	1	61	9	75	.1	25	17	498	3.85	4	5	ND	3	54	1	2	2	109	.67	.071	8	53	.95	46	.20	5	1.74	.02	.10	1	1
12678	1	55	11	148	.2	24	16	614	3.94	3	5	ND	2	63	1	2	2	111	.69	.110	5	48	.95	55	.20	4	1.91	.02	.07	1	2
12679	1	31	8	124	.2	26	13	449	3.58	3	5	ND	2	52	1	2	2	92	.65	.105	5	42	.81	45	.18	3	1.84	.02	.10	1	1
12680	1	61	10	94	.2	20	15	577	3.73	2	5	ND	1	55	1	2	2	110	.72	.072	4	46	.82	41	.19	4	1.69	.02	.08	1	4
12681	1	27	8	151	.2	27	14	443	3.50	2	5	ND	2	44	1	2	2	86	.57	.138	5	44	.80	61	.18	6	1.98	.02	.11	1	5
STD C/AU-S	20	59	37	129	6.8	64	29	1078	3.93	37	15	8	33	47	17	15	21	62	.48	.102	36	57	.88	178	.08	34	1.72	.07	.13	12	51

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au PPB
12682	1	70	20	182	.3	25	16	631	3.64	6	5	ND	1	59	1	2	2	93	.59	.149	5	43	1.00	72	.15	2	2.00	.01	.06	1	1
12683	1	65	24	266	.5	11	15	2838	3.80	6	6	ND	1	249	2	3	2	101	1.31	.232	7	25	.88	153	.13	3	2.65	.01	.07	1	1
12684	2	77	18	184	.1	26	21	503	3.95	9	5	ND	1	43	1	3	3	109	.75	.131	6	43	1.09	45	.19	3	1.99	.02	.07	1	1
12685	1	44	15	102	.1	22	16	401	3.42	7	5	ND	1	37	1	2	2	92	.56	.192	5	41	.80	62	.18	5	1.66	.01	.09	1	2
12686	1	43	12	85	.1	29	16	387	3.86	4	5	ND	1	39	1	2	2	122	.60	.072	4	52	1.04	33	.20	2	1.83	.01	.09	1	6
12687	2	291	19	154	.4	36	30	1826	4.67	3	5	ND	1	43	1	2	2	113	1.36	.037	13	43	1.14	68	.21	6	2.11	.02	.09	1	3
12688	1	56	11	218	.1	19	19	555	3.66	5	5	ND	1	39	1	2	2	106	.62	.120	5	33	.87	48	.20	3	1.64	.02	.08	1	4
12689	1	45	6	175	.1	21	16	1587	2.79	5	5	ND	1	38	1	2	2	74	.57	.138	7	31	.59	115	.15	3	1.44	.01	.11	1	1
12690	1	50	11	131	.1	22	17	397	3.86	8	5	ND	1	35	1	2	2	122	.50	.094	6	40	.81	46	.19	3	1.68	.01	.08	1	1
12691	2	225	8	108	.3	28	34	857	5.76	8	5	ND	1	49	1	2	4	163	1.36	.059	9	39	1.16	51	.20	2	1.76	.02	.07	1	2
12692	1	45	17	127	.1	24	18	329	4.46	6	5	ND	1	42	1	2	2	142	.74	.030	5	52	.75	30	.20	2	1.82	.01	.06	1	1
12693	1	50	12	473	.1	19	31	1192	4.31	11	5	ND	1	65	1	3	2	103	.75	.343	7	32	.67	131	.14	2	1.71	.01	.11	1	1
12694	1	71	18	157	.1	23	20	555	4.37	9	5	ND	1	46	1	2	2	131	.60	.137	5	43	.90	58	.19	2	2.03	.01	.07	1	1
12695	1	31	6	168	.1	26	16	767	4.09	5	5	ND	1	35	1	2	3	122	.50	.138	4	50	.70	68	.18	2	1.93	.01	.07	1	1
12696	1	34	12	171	.1	34	15	445	4.04	6	5	ND	1	33	1	2	2	104	.51	.289	4	51	.82	105	.16	2	2.12	.01	.07	1	1
12697	1	73	7	101	.2	27	18	497	4.06	4	5	ND	1	41	1	3	2	132	.54	.065	5	46	.80	62	.21	2	1.72	.02	.08	1	2
12698	2	297	12	93	.1	32	34	675	7.21	8	5	ND	1	62	1	2	5	227	.79	.119	7	60	1.55	76	.28	2	2.45	.02	.10	1	7
12699	1	64	20	147	.2	33	21	785	4.25	6	5	ND	1	36	1	3	7	120	.54	.074	6	46	.95	104	.22	2	2.13	.02	.10	2	1
12801	2	183	19	90	.1	44	25	768	5.07	10	5	ND	2	55	1	2	2	128	1.01	.095	10	63	1.46	59	.18	2	2.43	.02	.10	1	6
12802	1	112	11	98	.1	33	19	778	4.28	5	5	ND	2	52	1	2	2	117	.62	.052	9	56	1.13	62	.20	2	2.10	.01	.09	1	2
12803	1	60	11	105	.1	32	16	585	4.03	8	5	ND	2	47	1	2	2	114	.51	.088	5	43	1.06	54	.19	2	2.12	.01	.05	1	1
12804	1	82	14	173	.2	29	20	867	4.70	5	5	ND	1	47	1	2	3	127	.58	.166	4	43	1.04	68	.18	2	2.53	.01	.07	1	1
12805	1	72	12	81	.1	28	18	622	4.12	3	5	ND	1	51	1	2	2	121	.58	.064	5	62	1.00	42	.20	2	1.82	.01	.10	1	1
12806	1	37	2	82	.1	28	13	399	3.33	7	5	ND	1	42	1	2	2	96	.55	.072	6	68	.83	34	.17	2	1.49	.01	.08	1	7
12807	1	79	12	116	.1	25	19	803	4.07	5	5	ND	1	60	1	2	2	119	.71	.088	4	52	.98	47	.20	2	1.70	.01	.10	1	1
12808	1	62	5	89	.1	22	17	690	3.89	4	5	ND	1	57	1	2	2	114	.72	.073	3	49	.80	47	.19	2	1.77	.02	.06	1	11
12809	1	35	12	164	.1	25	14	703	3.26	4	5	ND	1	49	1	2	3	86	.67	.102	5	45	.72	48	.17	3	1.73	.01	.10	1	1
12810	2	89	15	88	.2	37	22	701	4.43	7	5	ND	2	46	1	3	2	115	.96	.040	5	59	1.19	59	.19	3	2.16	.02	.12	1	2
12811	1	68	23	78	.1	27	24	530	4.21	8	5	ND	1	56	1	2	2	122	.77	.091	5	51	1.15	37	.19	2	1.75	.02	.08	1	3
12812	1	86	18	83	.2	35	19	497	3.94	6	5	ND	1	51	1	2	2	119	.71	.110	4	58	1.04	36	.18	2	1.83	.01	.11	1	29
12813	1	74	23	179	.3	31	24	489	4.22	5	5	ND	1	41	1	2	2	122	.63	.089	4	53	1.17	40	.20	2	1.91	.02	.09	1	1
12814	1	30	18	237	.1	19	19	668	3.18	5	5	ND	1	44	1	3	2	96	.82	.124	5	36	.78	88	.18	3	1.59	.01	.09	1	15
12815	1	37	24	246	.3	25	18	765	3.69	3	5	ND	1	48	1	2	3	96	.71	.159	3	41	.90	83	.17	3	1.88	.01	.10	1	1
12816	1	127	19	80	.2	31	24	578	4.74	8	9	ND	2	49	1	4	2	148	.89	.064	9	58	1.19	37	.22	2	1.89	.02	.11	1	63
12817	1	45	19	344	.2	25	23	525	5.00	4	5	ND	1	39	1	3	2	140	.63	.139	5	40	.95	45	.20	2	1.99	.02	.09	1	1
12818	1	88	11	212	.1	22	22	903	3.85	7	5	ND	1	48	1	2	3	109	.72	.123	4	34	.83	97	.19	3	1.63	.01	.10	1	2
STD C/AU-5	22	61	36	138	7.0	67	31	1107	3.98	40	20	8	31	48	19	15	19	63	.48	.110	37	59	.89	176	.08	35	1.73	.06	.12	13	49

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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	Hg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	M PPM	Au# PPM
12819	1	67	27	447	.2	29	27	659	4.49	11	5	ND	1	36	2	2	3	114	.59	.205	4	36	.93	63	.19	2	1.98	.02	.08	1	36
12820	1	120	20	304	.3	26	39	817	5.47	6	5	ND	1	46	1	2	3	142	.78	.185	4	36	.89	65	.17	3	2.13	.01	.09	1	11
12821	1	46	11	285	.3	30	24	697	4.37	6	5	ND	1	37	1	2	2	119	.57	.124	5	46	.72	61	.18	5	1.90	.01	.08	1	1
12822	1	133	14	117	.1	19	31	649	5.40	10	5	ND	1	59	1	2	2	169	.72	.073	4	37	1.11	64	.23	2	2.10	.01	.10	1	10
12823	1	113	10	118	.3	26	23	806	5.06	9	5	ND	1	56	1	2	3	159	.70	.112	5	46	1.16	54	.23	2	2.14	.01	.09	1	4
12824	1	32	11	146	.3	26	13	432	3.46	6	5	ND	1	40	1	2	2	97	.52	.150	5	47	.73	79	.17	2	1.88	.01	.07	1	2
12825	1	31	10	115	.2	26	14	606	3.80	6	5	ND	1	40	1	2	2	116	.51	.154	4	40	.64	84	.17	2	1.90	.02	.06	1	17
12826	1	42	6	97	.3	27	18	410	4.62	7	5	ND	1	36	1	2	2	137	.54	.108	5	44	.86	51	.18	6	2.29	.01	.06	1	5

APPENDIX III
DETAILED COST STATEMENT

**DETAILED COST STATEMENT
GIBBONS CREEK PROPERTY
LEM 1 TO 4 MINERAL CLAIMS**

A. Wages - Field		
R. Gibbs (August 25 to Sept. 4, 1986) 11 days @ \$144/day	\$ 1,584.00	
G. Kulla (August 25 to Sept. 4, 1986) 8 days @ \$120/day	960.00	
R. Cameron (Sept. 2 to 3, 1986) 2 days @ \$224/day	448.00	
	<hr/>	\$ 2,992.00
B. Food and Accomodation		
21 days @ \$31.50/day		661.50
C. Transportation		
Truck Rental - 11 days @ \$45/day		495.00
D. Field Supplies		
Soil Geochem Supplies		500.00
E. Analytical Cost - Acme Analytical Laboratories		
Soil sample preparation/30 element ICP/Au assay @ \$12.50/sample 443 samples x \$12.50		5,537.50
F. Report Writing & Drafting		
Report writing - 2 days @ \$125/day	250.00	
Drafting - 15 hours \$20/hour	300.00	550.00
	<hr/>	<hr/>
TOTAL EXPLORATION EXPENSES		\$10,736.00
		<hr/> <hr/>

C. DRILLING (Details in report submitted as per section 8 of regulations.) (The itemized cost statement must be part of the report.)	COST
D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL (Details in report submitted as per section 5, 6, or 7 of regulations.) (The itemized cost statement must be part of the report.) (State type of work in space below.)	
	10,736.00
TOTAL OF C AND D	
	10,736.00

Who was the operator (provided the financing)? Name Orbex Minerals Limited
 Address 1409 - 409 Granville Street
Vancouver, B.C. V6C 1T8

Portable Assessment Credits (PAC) Withdrawal Request		AMOUNT
Amount to be withdrawn from owner(s) account(s):		
Name of Owner		
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.)	1.	
	2.	
	3.	
	4.	
TOTAL WITHDRAWAL		
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL		10,736.00

I wish to apply \$ 9,200.00 of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

Lem 1	November	3057	18 units	1 year @ \$200	\$ 3,600.00
Lem 2	November	3058	18 units	1 year @ \$200	3,600.00
Lem 3	July	7811	12 units	1 year @ \$100	1,200.00
Lem 4	October	7169	8 units	1 year @ \$100	800.00
					\$ <u>9,200.00</u>

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

Name		AMOUNT
In owner(s) name.	1. <u>Orbex Minerals Limited</u>	1,536.00
	2.	
	3.	
In operator(s) name (party providing the financing).	1.	
	2.	
	3.	

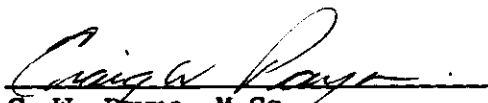

 (Signature of Applicant)

APPENDIX IV
QUALIFICATION CERTIFICATE

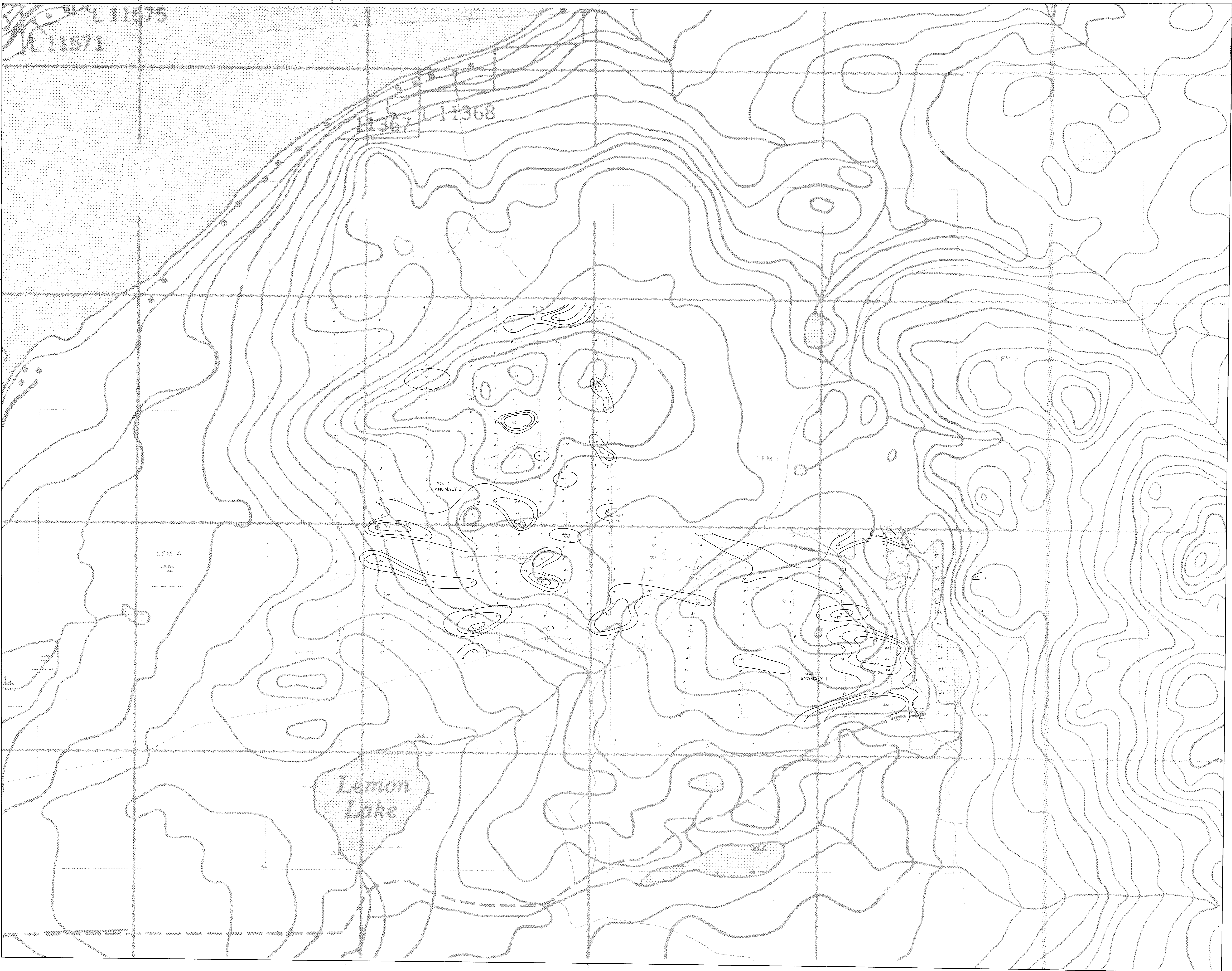
STATEMENT OF QUALIFICATIONS

I, Craig W. Payne, do hereby certify that:

1. I graduated from Brock University, St. Catharines, Ontario in 1979 with a Master of Science in Geological Sciences.
2. Since that time I have been employed as an exploration geologist in British Columbia and elsewhere.
3. I am presently temporarily employed by Fox Geological Consultants Ltd. in Vancouver, B.C.



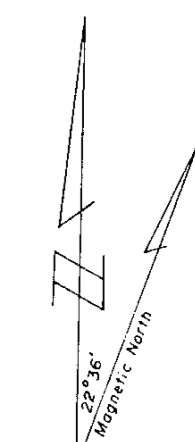
C. W. Payne, M.Sc.
January 9, 1987



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,456

- Survey control line
- Sample number
- Gold value in ppb: 1-102ppb Background, Anomalous 11-220 ppb
- Contour intervals (gold in ppb)
- LEM 1 - Claim name
- Legal corner post
- Claim boundary
- Roads
- NZ 73-1 Drill holes
- 74 L-6 Drill holes
- Trench
- Topographic contour interval 50 feet



Scale 100 0 100 200 300 metres

To accompany the assessment report: Report on a Soil Geochemical Survey, By C.W. Payne, M.Sc. and P.E. Fox, Ph.D., P.Eng.

ORBEX INDUSTRIES INC.				
PROJECT NO 206		GIBBONS CK PROPERTY, B.C.		
GEOCHEMICAL SURVEY				
Gold in Soils				
SCALE	DATE	FILE	INTS. NO	FIG. NO
1:5000	9 Jun/96	206-013	93A/6	3
		By: CP		