Shangri-La Minerals Limited

LOG NO: 0111 RD.
ACTION:

FILE NO:

ASSESSMENT REPORT
FOR
LIVGARD CONSULTANTS LTD.

ON THE
KEMMESS CREEK PROPERTY
RON #4 & DU CLAIMS

NTS MAPS
94D/15E&W
94E/2E&W

OMINECA MINING DIVISION

NORTH LATITUDE: 57° 5'
WEST LONGITUDE: 126° 50'

19,852

GEOLOGICAL BRANCH
ASSESSMENT REPORT

BY
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SHANGRI-LA MINERALS LIMITED
VANCOUVER, B.C.
4 JANUARY, 1988

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Soil Geochemistry

1 INTRODUCTION

1.1 Scope

At the request of Livgard Consultants Ltd., a program of soil sampling and VLF-EM surveying was conducted by Shangri-La Minerals Ltd. on the Kemmess Creek Property located in north-central British Columbia. The program was conducted on behalf of St. Phillips Resources Inc. of Vancouver. This report presents the results of the program.

1.2 Property Status

The Kemmess Creek property consists of two 20-unit modified grid system mineral claims located in the Omineca Mining Division. Particulars are as follows:

Name	Record No.	Area	Anniversary
Ron #4	3630	20 units	March 3, 1990
DU	6396	20 units	March 3, 1990

The two claims were grouped in Oct. 1987 as the "Ron group". They are found on NTS maps 94D/15E&W and 94E/2E&W. Anniversary dates become effective upon acceptance of this report for assessment credit.

1.3 Location and Access

The Kemmess Creek property is located approx. 260 km north-east of Smithers, B.C. and approx. eight km east of Thutade Lake. Float planes capable of landing on Thutade or Duncan Lakes, or helicopters allowing direct access, are available in Smithers. The Manson Creek-Toodoggone road, currently under construction, passes six km west of the property.

1.4 History

The property was staked in 1981 to cover geologically favorable ground after the discovery of mineralization to the north. Gold-copper porphyry deposition was found on the property as the result of soil geochemistry surveys in 1982 and 83. 13 km of magnetometer and IP surveys, and 322 m of diamond drilling, were completed in 1984.

1.5 Geology

The property is reportedly comprised of Triassic "Takla Group" rock of fine-grained, andesitic, plagioclase and augite porphyry; and a sequence of argillite, chert, quartzite, breccia and conglomerate. Porphyritic monzonite is reported from diamond drilling.

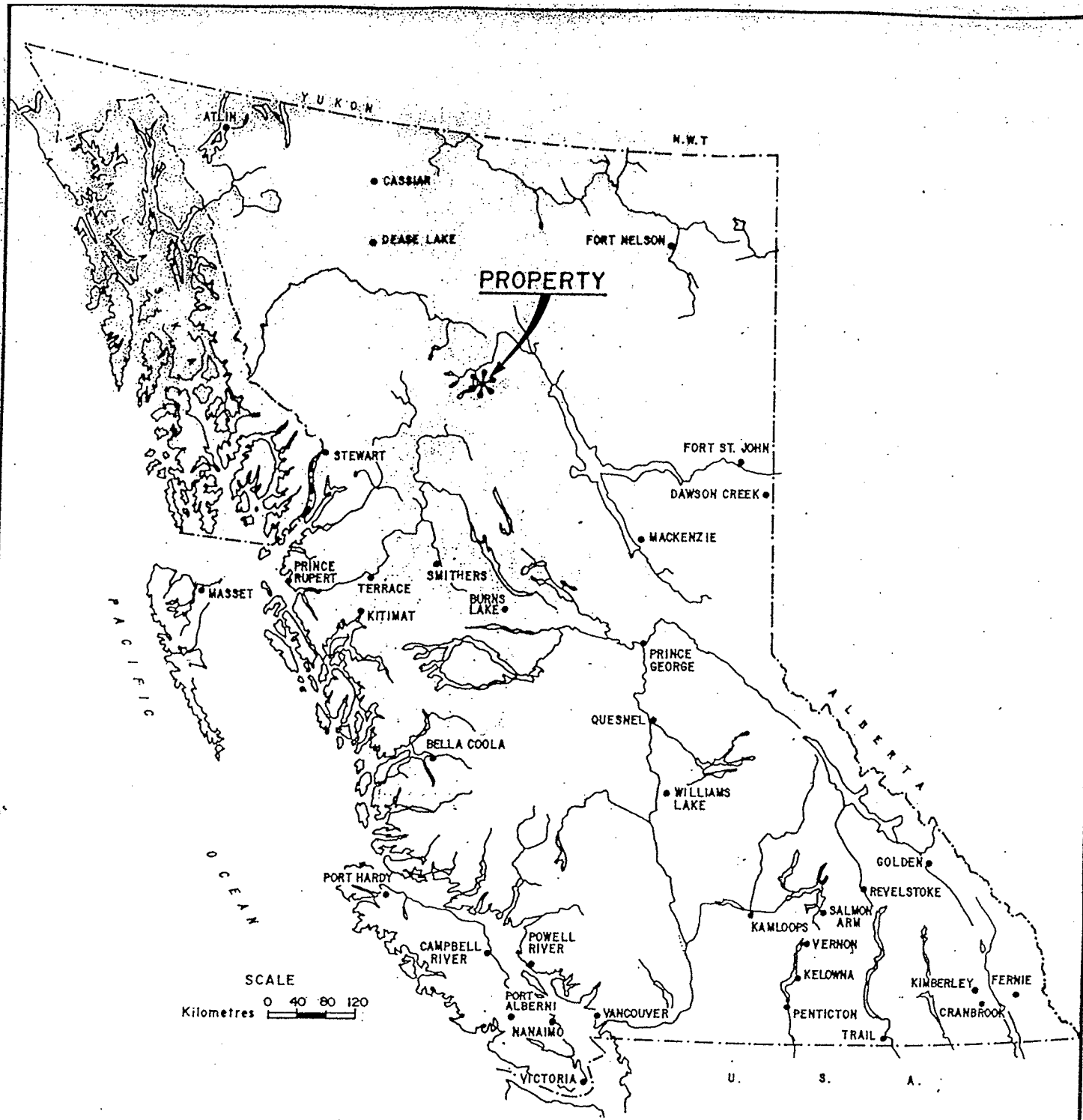

FIGURE 1

ST. PHILLIPS RESOURCES INC.	
KEMESS CREEK PROPERTY OMINECA MINING DIVISION, B. C.	
LOCATION MAP	
DATE: Jan. 88	SCALE: 1:8,000,000

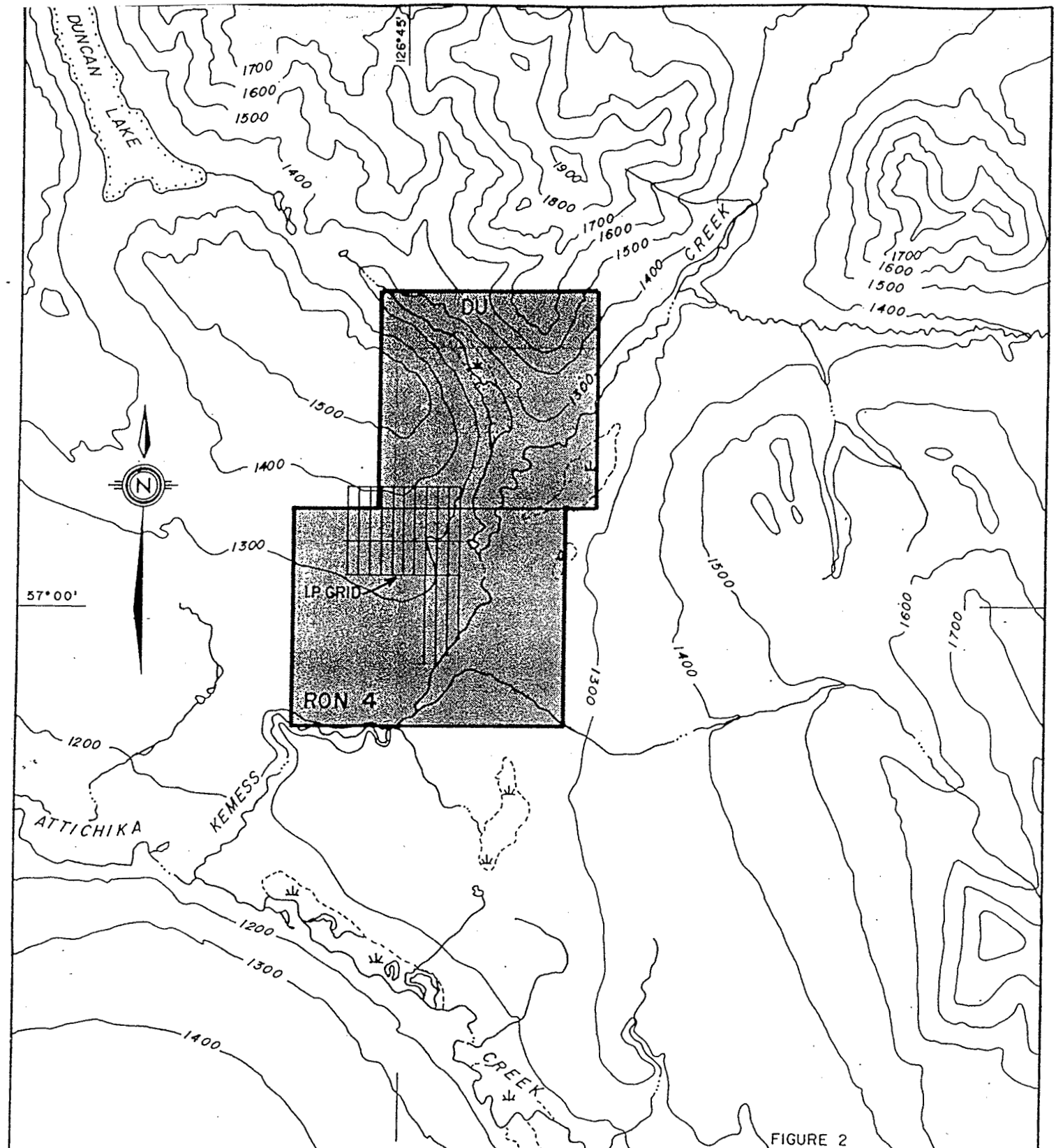

FIGURE 2

ST. PHILLIPS RESOURCES INC.

KEMESS CREEK PROPERTY

OMINECA MINING DIVISION, B. C.

CLAIM MAP

DATE: Jan. 88

SCALE: 1:50,000

2 SURVEY SPECIFICATIONS

2.1 Grid Establishment

A previously emplaced cut line grid of 100 m line spacing was reflagged, and 23.5 km of grid was filled-in between existing lines, at 25 m line spacings and 25 m station spacings. Survey flagging, compass, hip chains and pocket clinometers were used to complete the grid. A total of 31.5 km of refurbished and new grid was emplaced.

2.2 Ground VLF-EM Survey Method

The survey was conducted using two Sabre Electronics model 27 VLF electromagnetometers. These instruments act as receivers of the primary electromagnetic fields generated by the United States Navy VLF marine communications stations. These stations operate at frequencies between 15 and 25 kHz, and have a vertical antenna current resulting in a horizontal primary magnetic field. Secondary electromagnetic fields arise due to currents induced in conductors. The VLF-EM instrument measures the dip of the magnetic field resulting from the sum of primary and secondary field.

For the best results a transmitter located along the strike of the suspected conductors is selected. Due to interest in two different trending formations, two transmitters at nearly orthogonal azimuths relative to the grid were used (Seattle, Wash. and Annapolis, MD). The fact that the grid line spacing and station spacing are both 25 m (square gridding) permits a Fraser filter perpendicular to the survey lines. This allows detection of conducting trends parallel and perpendicular to the baseline with one pass over the survey lines. A total of 30.3 line-km of data were acquired.

2.3 Geochemical Survey Method

A total of 1049 soil samples were collected on the grid. 931 soil samples were taken from the "B" soil horizon at depths of 5 to 35 cm using a cast iron mattock. 118 soil samples were collected in a swamp using a soil auger at depths from 30 to 150 cm. Samples of no less than 200 g were placed in kraft paper bags and air dried. All samples were shipped to Acme Analytical Laboratories Ltd., of Vancouver. A portion of the -80 mesh fraction was analyzed using an induced coupled plasma (ICP) spectrophotometer for a 30 element suite, and atomic absorption (AA) for gold.

3 RESULTS

3.1 Geochemical Survey

Visual examination of the results determined that six elements should be plotted for better interpretation; gold, copper, silver, arsenic, lead and zinc have been plotted at a scale of 1:2500 and are presented as Figures 5a to 5f respectively. The plots have been contoured using arbitrary intervals with arithmetic gradation.

Gold and copper display a strong and coincident anomaly running east-westerly across the central portion of the grid. Values greater than 150ppb gold and 500ppm copper are roughly bounded by stations 1575N and 1900N on the east side of the grid, tapering to the west where they are bounded by 1700N and 1850N. Away from the anomalous area values for gold and copper are generally less than 20ppb and 75ppm respectively. The anomaly is open to both east and west.

Arsenic displays a strong anomaly which roughly abuts and parallels the northern edge of the gold-copper anomaly described above. Values greater than 50ppm are roughly bounded by 1950N and 2300N (the northern extent of the grid) to the east of 4225E, tapering towards 2100N to the west of 4225E. South and northwest of the anomalous zone arsenic values trail off, being generally less than 10ppm on the southern half of the grid. The anomaly is open in all directions, north of 1900N.

Lead and zinc display moderately anomalous values in the area of the arsenic anomaly; highs are more restricted and of lower relative magnitude. Lead and zinc highs are not generally coincident with each other or with arsenic. Away from the anomalous area lead is generally less than 20ppm and zinc ranges between 65 and 105ppm. The anomaly is open in the same area as the arsenic anomaly.

Silver displays a pattern of scattered spot highs across the entire grid area, with no apparent relationship to other plotted elements. Background values range from .1 to .8ppm and highs are generally from 2.0 to 3.0ppm. Because of the small size and magnitude of the various silver highs, all can be considered as closed anomalies.

3.2 Ground VLF-EM Survey

The anticipated presence of conductive features that are both parallel and perpendicular to the survey lines require the use of two transmitter stations orthogonal to each other relative to the property. To achieve this readings were taken from the Seattle, Wash. and Annapolis, MD stations. Since the data was to be Fraser filtered, the Annapolis station took advantage of the true orientation of the survey lines and the Seattle station readings were reoriented to be perpendicular to the lines. The contoured results can be seen in Figures 3a & b, and 4a & b respectively.

For the Annapolis transmitter station, a strong anomalous feature crossing all lines in the norther part of the survey grid is predominant. Centred about station 2100N from line 3900E to 4600E, it consists of Fraser filter dip-angle values greater then 15 and as high as 50. This feature is coincident with zinc and lead soil geochemistry highs and correlates well with an anomalous high arsenic trend.

The Seattle transmitter shows a weaker response compared to that of the Annapolis station. A weak north-northwest trend consisting of filter values ranging around 15 and peaking to 20 occurs on 1300N/4225E trending discontinuously to 1850N/3975E. No obvious soil geochemical relationship is apparent with this trend, but to the north, coincident with the trend seen for the Annapolis transmitter, is a very discontinuous trend of small areal extent highs occurring at 2075N/4040E, 2025N/4175E and 2000N/4350E. A small areal extent high with a peak value of greater than 35 is to be found at 1750N/4475E, and does not appear to be related to the trend to the north, with no obvious soil geochemical correlations.

4 Summary

At the request of Livgard consulting, Shangri-La minerals conducted a program of grid emplacement, soil sampling, and VLF-EM surveying on the Kemmess Creek property during September and October 1987.

A strongly defined east-west trending gold-copper anomaly of between 150 and 300 meters width runs across the entire survey, a strike length of 800 meters. VLF-EM did not discern any well defined anomalies in this area.

North of the gold-copper anomaly is an area of fairly high arsenic anomaly and elevated lead and zinc values. Coincident with the centre of the arsenic anomaly, and several lead and zinc highs, is a strong east-west trending response from the VLF-EM Annapolis station. This response may be do to a mineralized fault zone.

The northern two/thirds of the grid area will require further soil geochemistry in order to close off existing anomalies.

The strong VLF-EM response centered on 2100N is open to both east and west. Closing off this anomaly in either direction may aid in determining the scope of an expanded soil survey away from the northern one/third of the grid area.

Herbert Mertens, B.Sc.
4 January, 1988

David Coffin
4 January, 1988

Appendix A
Geochemistry Analytic Results

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. 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 K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-31 SOIL P32-ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 20 1987 DATE REPORT MAILED: Dec 15/87 (P-20 MESH, PULVERIZED) ASSAYER: DEAN TOYE, CERTIFIED B.C. ASSAYER

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L3900E 2250N	2	49	12	180	1.0	15	8	323	5.48	35	5	ND	2	20	1	2	2	95	.15	.083	10	29	.60	71	.07	2	3.58	.02	.05	1	1
KC-L3900E 2225N	2	45	11	242	.6	13	9	578	5.03	19	5	ND	1	26	2	2	2	114	.23	.070	9	31	.57	71	.10	2	2.34	.03	.03	1	1
KC-L3900E 2200N	2	70	77	611	.8	20	15	852	4.75	25	5	ND	2	27	4	2	2	124	.40	.043	8	40	1.15	54	.09	2	2.87	.03	.08	1	2
KC-L3900E 2175N	3	45	84	517	.4	18	14	1382	5.58	28	5	ND	1	23	4	2	2	120	.45	.069	6	37	.96	79	.02	2	3.10	.03	.10	1	22
KC-L3900E 2150N	6	178	25	357	.2	14	12	1040	4.84	32	5	ND	1	33	5	2	2	98	.74	.057	8	31	.80	218	.03	2	2.54	.04	.09	1	48
KC-L3900E 2125N	4	40	32	391	.9	13	20	3021	5.38	41	5	ND	3	36	5	2	2	104	.97	.091	9	32	.55	774	.03	2	2.15	.03	.11	1	1
KC-L3900E 2100N	4	65	11	213	.9	42	12	616	4.35	117	5	ND	3	16	1	2	2	85	.81	.032	8	35	.81	248	.01	2	2.58	.03	.05	1	1
KC-L3900E 2075N	3	27	15	177	.5	20	10	1127	3.98	19	5	ND	2	17	1	2	2	76	.27	.027	8	36	.48	1045	.03	3	1.68	.02	.07	1	1
KC-L3900E 2050N	3	37	15	169	.4	21	9	474	4.90	24	5	ND	2	21	1	2	2	79	.23	.027	8	28	.84	449	.06	2	2.47	.03	.07	1	1
KC-L3900E 2025N	4	26	19	133	.4	13	6	661	5.26	23	5	ND	2	17	2	2	2	100	.11	.034	10	24	.47	956	.07	2	1.88	.02	.06	1	2
KC-L3900E 2000N	8	42	19	122	.4	17	7	323	4.34	23	5	ND	1	19	1	2	2	100	.25	.026	8	29	.65	344	.06	2	2.22	.02	.04	1	1
KC-L3900E 1975N	7	29	19	192	.7	19	7	589	5.17	28	5	ND	2	24	2	2	2	114	.64	.043	8	27	.88	601	.05	3	2.60	.03	.07	1	1
KC-L3900E 1950N	8	51	21	200	.6	23	11	672	6.33	68	5	ND	2	13	1	3	2	128	.18	.036	7	35	.98	516	.04	3	2.99	.03	.05	1	1
KC-L3900E 1925N	7	51	20	177	.5	22	11	840	5.72	62	5	ND	1	15	1	2	2	115	.22	.036	7	32	.84	473	.04	2	2.59	.03	.05	1	1
KC-L3900E 1900N	9	103	18	570	.9	22	9	1361	3.75	21	5	ND	2	28	11	2	2	85	1.09	.035	11	23	.53	351	.03	2	1.89	.03	.04	1	4
KC-L3900E 1875N	10	38	18	119	.1	16	6	384	5.39	25	5	ND	1	9	1	2	2	130	.07	.025	8	26	.55	248	.04	3	2.23	.02	.03	1	1
KC-L3900E 1850N	6	204	18	226	.4	23	12	455	4.36	19	5	ND	2	19	1	2	2	87	.32	.033	7	27	.87	403	.03	2	3.42	.03	.06	1	38
KC-L3900E 1825N	10	56	18	187	.5	29	12	597	5.86	43	5	ND	3	12	1	2	2	132	.16	.031	9	41	1.24	403	.06	2	3.38	.03	.08	1	1
KC-L3900E 1800N	7	74	31	247	1.2	22	12	985	5.20	34	5	ND	1	23	2	2	2	108	.36	.038	7	33	.99	471	.06	2	2.60	.03	.06	1	2
KC-L3900E 1775N	8	62	29	228	1.6	22	10	722	6.09	37	5	ND	2	17	2	2	2	109	.25	.045	8	29	.99	394	.06	4	3.07	.03	.08	1	1
KC-L3900E 1750N	7	306	17	175	.7	23	9	657	3.99	34	5	ND	2	33	2	2	2	79	.77	.037	16	28	.77	685	.03	2	2.26	.03	.07	1	12
KC-L3900E 1725N	7	444	22	167	.1	27	10	671	4.17	36	5	ND	1	34	2	2	2	80	.78	.039	18	27	.92	458	.04	2	2.61	.03	.05	1	85
KC-L3900E 1700N	6	322	21	183	.3	23	10	707	4.29	31	5	ND	1	33	2	2	2	86	.85	.039	21	28	.90	552	.04	2	2.51	.03	.07	1	74
KC-L3900E 1675N	4	99	14	127	.4	11	8	357	3.36	9	5	ND	2	18	1	2	2	81	.33	.022	8	17	.80	297	.04	2	1.94	.03	.09	2	20
KC-L3900E 1650N	3	371	16	172	.4	16	10	555	5.63	14	5	ND	3	15	1	2	2	88	.10	.034	7	24	1.42	178	.06	2	3.54	.02	.11	1	48
KC-L3900E 1625N	3	193	17	143	.4	11	8	485	6.45	16	5	ND	3	7	1	2	2	114	.05	.079	9	25	1.13	110	.09	2	3.10	.02	.11	1	730
KC-L3900E 1600N	5	154	13	160	.1	12	10	354	5.50	18	5	ND	1	14	1	2	2	111	.06	.026	7	22	.90	164	.05	2	2.59	.02	.05	1	20
KC-L3900E 1575N	8	364	23	150	.7	22	11	802	5.20	35	5	ND	2	21	1	2	2	105	.25	.041	9	31	1.05	318	.06	2	2.58	.03	.09	1	25
KC-L3900E 1550N	8	62	20	146	1.0	18	8	519	6.45	29	5	ND	2	14	1	2	2	143	.08	.062	8	30	.84	184	.06	2	3.07	.02	.07	1	184
KC-L3900E 1525N	8	51	18	112	.2	28	9	358	4.29	42	5	ND	2	15	1	2	2	100	.12	.035	7	30	.79	172	.04	2	2.97	.02	.03	1	8
KC-L3900E 1500N	3	28	13	86	.3	11	4	267	2.69	12	5	ND	2	46	1	2	2	65	.30	.024	8	16	.51	213	.06	2	1.91	.03	.06	1	12
KC-L3925E 2300N	3	83	14	171	1.3	17	18	806	6.97	28	5	ND	3	57	1	2	2	145	.21	.084	7	35	.93	72	.15	2	4.57	.03	.07	1	2
KC-L3925E 2275N	3	38	14	108	.7	15	7	338	4.31	56	5	ND	3	14	1	2	2	82	.10	.052	9	28	.65	68	.06	2	3.25	.02	.05	1	1
KC-L3925E 2250N	2	40	14	126	.4	16	10	337	4.25	28	5	ND	3	15	1	2	2	78	.11	.046	8	28	.57	85	.07	2	2.98	.02	.05	1	5
KC-L3925E 2225N	3	43	18	157	.6	16	9	398	5.38	49	5	ND	3	17	1	2	2	91	.14	.091	10	30	.62	73	.09	2	2.93	.02	.06	1	1
KC-L3925E 2200N	2	47	21	282	.6	21	12	627	4.99	17	5	ND	2	26	3	2	2	111	.30	.052	7	37	.81	91	.12	2	2.94	.03	.07	1	5
STD C/AU-S	18	58	39	132	7.2	67	27	1025	4.04	39	23	7	38	50	18	17	22	56	.48	.085	37	56	.85	177	.08	35	1.83	.08	.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
KC-L3925E 2175N	3	64	94	651	.9	18	28	2928	6.00	75	5	ND	3	23	6	2	2	111	.65	.072	7	30	.88	94	.02	2	3.22	.03	.11	1	1
KC-L3925E 2150N	3	34	69	642	.2	12	17	1976	4.81	50	5	ND	1	24	15	2	2	94	.74	.053	6	29	.71	167	.02	2	2.19	.03	.06	3	1
KC-L3925E 2125N	3	60	17	154	.3	14	16	1047	6.37	64	5	ND	2	19	1	2	2	127	.81	.058	5	22	1.02	95	.01	2	3.99	.03	.07	3	44
KC-L3925E 2100N	4	45	30	304	.6	17	16	1287	5.78	124	5	ND	1	26	3	2	2	124	1.12	.084	5	38	.79	514	.01	2	2.70	.03	.08	2	1
KC-L3925E 2075N	5	65	36	228	.8	38	15	1971	5.01	397	5	ND	4	26	2	3	2	78	.49	.044	9	32	.84	1291	.02	2	2.65	.03	.07	1	1
KC-L3925E 2050N	3	33	16	134	.6	16	7	313	3.62	22	5	ND	2	21	1	2	2	76	.26	.025	7	23	.63	334	.05	2	2.06	.02	.11	1	1
KC-L3925E 2025N	9	42	23	220	.2	17	9	723	4.80	71	5	ND	1	14	2	2	2	106	.11	.055	8	32	.75	447	.03	2	2.22	.02	.05	1	1
KC-L3925E 2000N	10	52	25	176	.5	20	8	371	4.43	26	5	ND	2	21	2	3	2	79	.20	.049	8	30	.70	444	.06	3	1.99	.02	.05	1	1
KC-L3925E 1975N	7	34	14	127	.4	10	5	350	2.69	11	5	ND	1	27	5	2	2	67	.27	.042	8	18	.22	655	.02	2	1.13	.02	.04	1	1
KC-L3925E 1950N	9	56	41	146	.5	11	6	300	3.16	17	5	ND	2	24	3	2	2	80	.27	.032	7	21	.28	463	.02	2	1.21	.02	.05	1	1
KC-L3925E 1925N	6	39	20	224	.7	17	11	1122	4.83	30	5	ND	1	20	4	2	2	101	.21	.048	7	41	.58	893	.04	2	1.84	.02	.05	1	2
KC-L3925E 1900N	8	39	22	250	.4	22	10	698	6.82	38	5	ND	2	9	1	2	2	129	.08	.067	10	41	.91	623	.04	2	3.03	.02	.07	2	1
KC-L3925E 1875N	5	26	17	155	.3	18	10	1162	5.15	14	5	ND	2	15	1	2	2	110	.16	.048	9	23	.74	623	.06	2	2.02	.03	.06	1	1
KC-L3925E 1850N	7	28	17	137	.2	15	7	566	4.41	18	5	ND	1	9	1	2	2	110	.06	.045	9	24	.56	370	.03	2	1.76	.02	.07	2	4
KC-L3925E 1825N	7	156	18	224	.5	23	12	981	4.84	22	5	ND	1	26	3	2	2	88	.80	.034	10	32	.91	731	.04	2	2.45	.03	.05	1	1
KC-L3925E 1800N	7	106	16	103	.2	11	6	522	3.27	12	5	ND	1	30	1	2	2	66	.75	.025	7	18	.39	668	.03	2	1.41	.03	.03	1	19
KC-L3925E 1775N	4	64	17	99	.3	20	7	418	2.48	7	6	ND	3	26	1	2	2	41	.66	.041	13	27	.45	293	.06	4	1.49	.03	.09	1	6
KC-L3925E 1725N P	7	529	16	83	.7	12	7	1609	2.91	12	5	ND	1	70	2	3	2	40	2.80	.075	16	14	.44	576	.03	3	1.22	.03	.03	1	47
KC-L3925E 1700N P	1	374	6	109	.4	5	2	313	.83	4	5	ND	1	56	1	2	2	10	2.60	.052	4	4	.17	389	.01	3	.39	.02	.01	1	2
KC-L3925E 1675N P	3	464	10	88	.7	15	7	816	2.54	7	5	ND	2	78	1	2	2	40	2.82	.067	11	17	.56	763	.02	2	2.25	.03	.07	1	7
KC-L3925E 1550N P	3	444	8	108	.5	19	7	637	2.38	6	5	ND	1	88	1	2	2	40	3.09	.094	11	20	.59	932	.01	2	2.76	.03	.09	1	10
KC-L3925E 1525N	2	21	13	97	.2	15	10	439	4.15	4	5	ND	2	86	1	2	2	77	.27	.052	7	16	.80	340	.14	2	3.97	.04	.06	1	1
KC-L3925E 1500N	2	24	10	68	.3	16	9	422	3.55	4	5	ND	3	96	1	2	2	70	.34	.027	8	17	.81	281	.13	2	2.97	.03	.06	2	1
KC-L3950E 2300N	2	25	13	79	.1	6	5	455	3.10	26	5	ND	1	23	1	3	2	81	.11	.036	7	18	.24	110	.12	2	1.67	.02	.03	1	6
KC-L3950E 2275N	3	43	14	126	.9	14	7	498	4.68	37	5	ND	3	19	1	2	2	89	.11	.080	13	22	.58	103	.11	2	3.71	.03	.07	1	102
KC-L3950E 2250N	4	47	26	123	.1	17	8	436	4.80	48	5	ND	1	15	1	2	2	88	.11	.049	7	34	.79	76	.06	2	2.87	.02	.02	2	35
KC-L3950E 2225N	2	39	15	120	.2	16	8	320	4.33	27	5	ND	2	15	1	2	2	80	.12	.050	8	29	.58	90	.06	2	2.83	.02	.02	1	63
KC-L3950E 2200N	3	42	16	175	.6	16	9	451	4.91	23	5	ND	3	18	1	2	2	95	.14	.048	8	25	.61	95	.08	3	2.86	.02	.08	1	5
KC-L3950E 2175N	3	43	18	218	.2	13	12	854	4.69	10	5	ND	1	21	2	2	2	111	.17	.060	7	33	.62	81	.15	2	2.24	.03	.01	1	1
KC-L3950E 2150N	3	66	19	254	.1	21	14	1096	4.80	36	5	ND	1	36	5	2	2	104	.51	.031	6	33	1.00	152	.10	2	2.72	.03	.05	1	1
KC-L3950E 2125N	4	325	69	1217	2.9	34	18	3077	5.59	228	5	ND	3	36	16	2	2	83	1.51	.087	18	43	.83	352	.02	2	4.50	.03	.09	1	6
KC-L3950E 2100N	5	73	21	431	.9	23	20	1526	5.87	164	5	ND	1	28	6	2	2	110	.79	.107	8	37	.66	423	.01	2	2.42	.03	.05	1	1
KC-L3950E 2075N	12	52	28	481	.6	20	15	4060	4.59	395	5	ND	1	33	14	12	2	72	1.44	.078	10	27	.44	541	.03	2	1.86	.03	.01	2	1
KC-L3950E 2050N	5	32	19	208	.2	21	10	1027	3.51	26	5	ND	1	19	2	2	2	63	.39	.027	8	19	.68	630	.05	2	1.88	.03	.03	1	1
KC-L3950E 2025N	8	29	17	154	.1	15	7	510	4.06	23	5	ND	1	22	2	2	2	74	.27	.031	11	21	.52	590	.06	2	1.79	.03	.02	3	1
KC-L3950E 2000N	14	33	29	259	.6	15	12	1305	3.57	17	5	ND	1	36	7	4	2	102	.45	.098	10	27	.44	895	.04	2	1.33	.03	.06	1	1
STD C/AU-S	20	58	37	134	7.0	67	28	1041	4.09	40	21	7	37	50	17	17	20	56	.49	.083	37	57	.85	177	.08	34	1.84	.08	.14	13	48

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L3950E 1975N	8	43	20	243	.5	19	8	388	4.04	22	5	ND	1	20	2	2	2	95	.21	.054	10	29	.78	333	.05	3	2.06	.03	.05	1	1
KC-L3950E 1950N	8	52	27	153	.6	12	6	324	3.43	18	5	ND	1	18	2	2	2	85	.15	.036	9	25	.47	294	.03	2	1.42	.02	.07	1	17
KC-L3950E 1925N	5	105	23	142	.7	15	8	318	3.40	14	5	ND	1	35	3	2	2	78	.63	.034	8	24	.40	669	.03	2	1.39	.03	.06	1	82
KC-L3950E 1900N	8	40	26	238	.6	19	9	628	6.45	44	5	ND	1	18	2	2	2	127	.23	.079	9	31	.80	720	.05	2	2.25	.03	.08	1	3
KC-L3950E 1875N	7	43	17	219	.6	23	10	601	5.92	38	5	ND	2	15	1	2	2	121	.14	.035	8	31	1.30	466	.05	2	2.93	.03	.06	1	3
KC-L3950E 1850N	4	182	13	91	.2	6	5	145	3.56	9	5	ND	1	21	1	2	2	81	.31	.013	5	18	.27	182	.04	2	1.18	.02	.04	1	45
KC-L3950E 1825N	4	1785	13	157	.4	16	12	513	3.73	14	5	ND	1	50	1	2	2	67	1.00	.026	13	28	.94	658	.04	2	1.99	.04	.07	1	256
KC-L3950E 1800N P	5	2412	12	125	.8	14	10	775	2.78	24	5	ND	1	91	5	2	2	43	2.10	.092	10	15	.55	792	.01	2	1.91	.04	.09	1	187
KC-L3950E 1775N	7	2654	20	140	1.0	17	9	950	3.77	27	5	ND	3	73	2	2	2	47	1.07	.066	25	18	.61	602	.02	2	1.93	.04	.08	1	274
KC-L3950E 1750N	6	1684	26	137	.2	11	11	797	3.60	12	5	ND	1	77	1	2	2	49	1.22	.043	8	19	.58	528	.01	2	1.67	.03	.06	1	260
KC-L3950E 1725N	5	393	21	79	.4	7	5	283	2.81	8	5	ND	1	55	1	6	2	49	1.23	.023	6	14	.45	472	.04	2	1.28	.03	.07	1	152
KC-L3950E 1700N P	5	334	8	97	1.0	10	7	1850	2.01	9	5	ND	1	115	1	2	2	24	4.74	.112	8	14	.44	970	.01	3	1.59	.02	.06	1	31
KC-L3950E 1675N	3	323	12	86	.4	14	8	440	3.44	7	5	ND	1	53	1	2	2	64	1.22	.028	8	24	.67	436	.06	2	1.85	.04	.05	1	51
KC-L3950E 1625N P	62	1210	3	113	.9	17	4	406	1.89	47	5	ND	1	91	3	11	2	25	3.87	.084	3	6	.09	125	.01	5	.34	.02	.01	1	19
KC-L3950E 1600N P	59	2012	9	80	.4	8	11	10651	12.78	57	5	ND	1	105	2	2	2	54	2.74	.122	10	6	.10	1200	.01	2	.57	.03	.01	1	28
KC-L3950E 1575N P	5	4476	3	101	1.6	14	1	325	.61	4	5	ND	1	96	6	4	2	15	3.22	.086	18	4	.11	406	.01	4	.42	.03	.01	1	46
KC-L3950E 1525N	2	85	9	83	.2	11	7	418	3.07	7	5	ND	1	63	1	2	2	66	.49	.017	7	17	.73	176	.09	2	1.80	.04	.06	1	18
KC-L3950E 1500N	2	44	12	95	.2	13	8	381	3.50	8	5	ND	2	67	1	2	2	69	.28	.053	7	19	.78	234	.09	2	2.54	.03	.07	1	4
KC-L3975E 2300N	2	41	13	74	.3	11	6	274	3.77	69	5	ND	1	17	1	4	2	84	.11	.038	8	26	.48	83	.07	2	2.37	.02	.03	1	1
KC-L3975E 2275N	3	35	15	74	.2	8	6	205	3.49	40	5	ND	1	26	1	2	2	103	.33	.028	6	22	.33	77	.09	2	1.26	.02	.04	1	2
KC-L3975E 2250N	3	48	20	107	.5	10	7	263	4.46	39	5	ND	2	26	1	2	2	106	.29	.031	7	22	.50	64	.09	2	1.74	.03	.05	1	47
KC-L3975E 2225N	3	66	42	264	.3	12	11	1262	5.36	36	5	ND	3	18	1	6	2	93	.48	.047	8	24	.62	103	.01	2	2.68	.03	.06	1	2
KC-L3975E 2200N	2	30	17	114	.2	10	9	1044	4.04	23	5	ND	2	18	2	2	2	86	.13	.066	8	21	.44	123	.07	2	1.73	.02	.05	1	1
KC-L3975E 2175N	3	21	13	185	.1	9	7	480	4.67	19	5	ND	2	14	1	2	2	96	.10	.042	8	24	.39	99	.07	2	1.99	.02	.07	1	1
KC-L3975E 2150N	2	43	16	285	.2	22	12	538	5.16	20	5	ND	3	19	1	2	2	115	.16	.042	7	39	.90	103	.14	2	3.10	.03	.08	1	5
KC-L3975E 2125N	3	45	14	189	.2	15	8	436	5.13	40	5	ND	1	21	1	2	2	97	.36	.034	6	28	.84	108	.06	2	2.41	.03	.03	1	2
KC-L3975E 2100N	3	43	26	386	.4	17	15	1128	5.19	63	5	ND	2	26	4	2	2	105	.49	.036	7	33	.94	273	.04	2	2.79	.04	.07	1	5
KC-L3975E 2075N	9	107	33	606	.8	42	24	1670	6.25	155	5	ND	3	23	5	2	2	120	.45	.068	8	57	1.36	375	.03	2	3.61	.04	.08	1	1
KC-L3975E 2050N	9	32	21	208	.5	16	12	1586	4.76	67	5	ND	1	17	3	2	2	108	.42	.056	7	43	.73	703	.04	2	1.88	.03	.05	1	1
KC-L3975E 2025N	12	37	19	267	.4	20	15	769	3.91	25	5	ND	1	19	2	2	2	91	.34	.045	9	26	.69	471	.03	2	1.96	.03	.07	1	1
KC-L3975E 2000N	23	37	28	174	.7	16	6	446	3.42	25	5	ND	2	25	3	2	2	197	.18	.075	10	29	.46	437	.02	2	1.29	.02	.09	1	2
KC-L3975E 1975N	9	43	18	202	.7	20	7	542	4.20	27	5	ND	1	28	2	2	2	92	.23	.058	10	31	.73	546	.04	2	1.95	.03	.06	1	1
KC-L3975E 1950N	6	46	23	208	.8	13	7	461	3.57	17	5	ND	2	19	3	2	2	84	.19	.033	9	22	.39	640	.04	2	1.37	.02	.07	1	4
KC-L3975E 1925N	5	163	27	215	.7	30	16	1158	4.08	16	5	ND	4	47	3	2	2	80	.76	.050	17	34	.86	1287	.02	2	3.05	.04	.12	1	1
KC-L3975E 1900N	5	372	22	170	.4	22	13	720	4.29	22	5	ND	2	36	1	2	2	81	.74	.039	9	30	.80	784	.02	2	2.44	.03	.12	1	52
KC-L3975E 1875N P	3	1350	11	124	2.9	26	5	409	2.19	12	5	ND	2	117	2	2	2	30	3.66	.108	54	17	.40	1585	.01	2	2.16	.02	.05	1	22
STD C/AU-S	18	62	38	130	7.2	66	27	1017	3.92	38	17	6	38	50	17	17	21	56	.48	.086	37	57	.90	185	.08	33	1.78	.08	.13	13	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L3975E 1850N	2	769	2	248	2.0	10	2	315	.73	4	5	ND	1	135	4	2	2	9	4.31	.117	11	8	.20	936	.01	5	.81	.01	.05	1	19
KC-L3975E 1825N	5	296	10	72	.2	7	6	179	3.77	6	5	ND	2	20	1	4	2	69	.27	.010	5	16	.33	154	.03	2	1.52	.02	.04	1	158
KC-L3975E 1800N	4	2808	2	113	2.2	11	4	468	1.01	6	5	ND	1	117	5	2	2	11	3.92	.129	8	11	.24	802	.01	4	1.05	.02	.04	1	121
KC-L3975E 1775N	5	1926	7	119	1.1	10	9	565	1.93	7	5	ND	1	96	2	2	2	24	2.77	.070	10	12	.39	664	.01	2	1.27	.03	.08	1	218
KC-L3975E 1750N	5	4628	4	108	1.9	12	5	737	1.54	10	5	ND	1	140	2	2	2	17	3.85	.138	33	14	.27	922	.01	2	1.43	.02	.05	1	146
KC-L3975E 1725N	5	547	27	91	.6	11	8	276	4.65	8	5	ND	3	31	1	5	2	73	.26	.010	6	19	.54	202	.05	2	2.14	.02	.06	1	250
KC-L3975E 1700N	3	55	18	67	.4	11	7	257	4.29	8	5	ND	2	28	1	2	3	77	.17	.020	7	23	.47	164	.08	2	2.00	.02	.06	1	43
KC-L3975E 1675N	14	751	14	80	.6	17	10	4544	4.28	9	5	ND	2	43	2	2	2	65	.84	.035	7	21	.48	609	.07	2	1.90	.03	.06	1	76
KC-L3975E 1650N	5	296	2	112	.4	4	1	137	.16	2	5	ND	1	113	1	2	2	3	6.18	.047	2	3	.12	602	.01	6	.09	.01	.02	1	3
KC-L3975E 1500N	2	69	10	85	.5	11	8	404	3.00	6	5	ND	1	84	1	2	2	62	1.04	.021	10	20	.66	343	.06	2	2.45	.04	.07	1	6
KC-L4000E 2325N	1	106	13	113	.5	15	24	1075	4.04	28	5	ND	1	26	1	2	2	115	.28	.032	8	27	.71	74	.06	2	3.08	.03	.05	1	1
KC-L4000E 2300N	2	26	11	56	.1	9	4	198	3.09	45	5	ND	1	16	1	2	2	73	.11	.041	8	22	.37	76	.05	2	2.08	.02	.04	1	1
KC-L4000E 2250N	2	92	30	246	.9	11	8	504	3.29	15	5	ND	1	34	2	2	2	92	.61	.045	7	22	.67	107	.02	2	2.75	.03	.06	1	1
KC-L4000E 2225N	2	47	24	195	.3	15	9	469	5.27	54	5	ND	2	21	1	2	2	101	.35	.028	7	30	.69	109	.03	2	2.75	.03	.05	1	1
KC-L4000E 2200N	2	42	12	107	.3	12	7	399	4.35	41	5	ND	1	28	1	2	2	109	.20	.029	7	26	.57	73	.10	2	2.14	.03	.04	1	4
KC-L4000E 2175N	2	84	22	204	.3	26	14	527	5.09	31	5	ND	2	26	1	2	2	108	.29	.080	6	46	1.20	115	.12	2	4.50	.03	.06	1	35
KC-L4000E 2150N	1	69	26	181	.3	18	16	1634	3.87	20	5	ND	1	25	2	2	2	94	.32	.057	9	33	.75	136	.06	3	2.58	.03	.05	1	3
KC-L4000E 2125N	2	48	16	511	.5	12	20	2782	6.94	109	5	ND	1	23	7	2	2	152	.68	.072	6	17	.78	475	.03	2	3.15	.03	.06	1	5
KC-L4000E 2100N	4	51	25	251	.3	17	14	1096	4.84	130	5	ND	1	36	5	2	2	108	.60	.063	6	29	.57	571	.02	2	2.06	.03	.06	1	1
KC-L4000E 2075N	13	91	34	368	1.0	26	18	1504	5.60	109	5	ND	2	25	6	2	2	123	.88	.078	11	43	.82	275	.02	2	2.90	.04	.05	1	1
KC-L4000E 2050N	11	59	26	316	.7	29	15	1428	4.81	139	5	ND	2	24	2	2	2	80	.78	.073	9	35	.95	593	.02	2	2.94	.03	.05	1	7
KC-L4000E 2025N	9	36	18	188	.3	18	8	545	3.37	26	5	ND	1	16	3	2	2	83	.24	.035	8	27	.64	498	.03	2	1.92	.02	.04	1	1
KC-L4000E 2000N	17	84	22	305	.8	31	14	1434	4.97	34	5	ND	2	31	3	2	2	126	.68	.110	11	44	1.08	852	.02	2	3.53	.03	.10	1	1
KC-L4000E 1975N	9	47	18	151	.1	19	7	491	3.27	23	5	ND	1	27	3	2	2	84	.44	.042	7	30	.63	620	.03	2	1.75	.03	.03	1	14
KC-L4000E 1950N	9	81	25	199	.6	23	9	408	3.86	23	5	ND	1	31	5	2	2	92	.57	.046	10	26	.65	674	.03	2	2.19	.03	.05	1	1
KC-L4000E 1925N	7	138	32	387	3.6	48	15	1565	4.09	17	5	ND	3	47	11	2	2	68	1.60	.065	12	35	.74	881	.01	2	3.13	.04	.08	1	11
KC-L4000E 1900N	7	73	18	179	.7	18	8	294	4.14	22	5	ND	1	27	5	2	2	92	.85	.042	10	37	.60	399	.04	2	1.92	.04	.04	1	3
KC-L4000E 1825N	8	840	18	192	.9	17	15	1028	3.93	12	5	ND	1	41	3	2	2	58	1.54	.053	9	20	.52	560	.02	2	2.23	.03	.06	1	102
KC-L4000E 1750N	3	7033	4	78	1.9	10	3	355	.73	5	5	ND	1	112	5	2	2	8	4.66	.125	18	7	.15	707	.01	5	.89	.02	.05	1	112
KC-L4000E 1725N	5	2227	15	112	2.1	13	8	729	2.49	7	5	ND	1	80	2	2	2	29	2.61	.078	21	17	.47	584	.01	3	2.00	.03	.06	1	171
KC-L4000E 1700N	5	441	16	84	.2	16	9	727	3.55	12	5	ND	1	43	1	2	2	63	.54	.016	9	25	.69	359	.06	2	1.94	.03	.04	1	59
KC-L4000E 1675N	4	325	18	83	.2	17	9	545	3.31	11	5	ND	2	39	1	2	2	63	.46	.011	8	24	.72	277	.07	2	1.72	.03	.05	1	65
KC-L4000E 1500N	1	17	8	84	.3	9	9	485	4.27	3	5	ND	1	133	1	2	2	92	.30	.022	5	11	.99	345	.13	2	3.86	.04	.07	1	2
STD C/AU-S	18	60	39	131	7.1	67	27	1013	3.96	40	23	7	40	49	18	17	22	56	.46	.085	37	58	.87	175	.07	36	1.85	.08	.14	13	47
KC-L4025E 2300N	2	63	14	143	.4	20	10	409	4.82	88	5	ND	2	18	1	2	4	88	.13	.059	8	32	.79	80	.09	2	3.59	.03	.06	1	1
KC-L4025E 2275N	2	41	18	112	.2	14	7	500	5.03	68	5	ND	3	14	1	2	2	98	.10	.081	8	29	.54	87	.08	2	2.41	.02	.05	1	3
KC-L4025E 2250N	3	216	28	1056	1.6	17	11	1589	4.02	35	5	ND	2	32	13	6	2	138	1.43	.050	18	34	.53	82	.03	2	2.97	.03	.04	1	2

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4025E 2225N	3	79	83	614	.4	14	15	1937	4.79	46	5	ND	2	29	6	2	2	109	.82	.028	7	26	.89	116	.02	2	2.84	.04	.05	1	1
KC-L4025E 2200N	2	45	48	462	.3	10	12	1637	4.32	36	5	ND	2	23	6	2	2	81	.65	.041	7	23	.54	80	.02	2	1.92	.03	.07	1	1
KC-L4025E 2175N	2	32	14	206	.1	12	8	405	5.19	24	5	ND	2	26	2	2	2	125	.18	.030	6	20	.80	79	.14	2	2.27	.02	.06	1	1
KC-L4025E 2150N	2	39	14	155	.1	16	9	577	3.73	21	5	ND	2	26	4	2	2	84	.35	.019	7	26	.74	143	.09	2	1.81	.03	.05	1	4
KC-L4025E 2125N	2	42	15	313	.1	13	15	2697	7.89	123	5	ND	3	15	9	2	2	165	.53	.084	6	23	1.13	163	.01	2	3.94	.03	.09	1	1
KC-L4025E 2100N	3	49	65	356	.2	17	16	1096	6.15	106	5	ND	2	28	5	2	2	139	.81	.049	5	35	1.24	208	.01	2	3.66	.03	.06	1	1
KC-L4025E 2075N	5	94	33	505	1.5	21	15	1188	4.61	91	5	ND	3	29	9	2	2	80	1.07	.066	8	30	.62	613	.02	2	1.85	.03	.06	1	1
KC-L4025E 2050N	17	192	32	369	2.7	44	20	1158	4.55	32	5	ND	4	40	7	2	2	115	1.50	.111	32	33	.91	1292	.01	2	4.09	.04	.06	1	1
KC-L4025E 2025N	18	203	29	368	2.3	45	22	1163	4.71	27	5	ND	5	38	6	2	2	120	1.39	.104	35	36	.94	1292	.01	2	4.27	.03	.06	1	1
KC-L4025E 2000N	15	244	25	450	2.9	51	10	1159	3.91	26	5	ND	4	59	21	2	2	96	2.46	.143	53	30	.77	1363	.01	2	3.54	.03	.08	1	2
KC-L4025E 1975N	7	45	20	299	.1	20	11	679	4.07	27	5	ND	1	23	6	2	2	88	.46	.031	10	35	.74	452	.05	2	1.96	.03	.05	1	1
KC-L4025E 1900N	5	3179	16	142	.8	19	11	759	3.10	13	5	ND	3	41	3	2	2	45	1.28	.060	24	17	.70	538	.01	2	1.91	.03	.06	1	395
KC-L4025E 1875N	4	2314	17	133	.6	17	11	582	3.55	12	5	ND	2	34	2	2	2	51	.93	.040	18	15	.76	439	.02	2	1.91	.03	.07	1	370
KC-L4025E 1850N	4	292	19	70	.3	7	6	421	3.05	6	5	ND	1	19	1	2	2	60	.35	.017	7	14	.33	267	.02	2	1.41	.02	.05	1	92
KC-L4025E 1825N	6	290	20	157	.2	10	13	333	5.27	16	5	ND	3	15	1	2	2	98	.12	.029	6	23	.58	179	.04	3	2.00	.02	.09	2	35
KC-L4025E 1750N	6	444	23	64	.1	4	3	125	2.99	8	5	ND	1	35	1	3	2	52	.89	.015	6	8	.19	312	.03	2	1.07	.03	.06	1	85
KC-L4025E 1725N	7	360	23	63	.3	5	4	137	3.29	11	5	ND	2	35	1	5	2	58	.86	.014	5	9	.22	284	.03	2	1.06	.03	.07	1	81
KC-L4025E 1700N	8	972	20	93	.2	13	10	670	3.60	15	5	ND	3	36	1	2	2	56	.61	.041	10	19	.55	329	.03	2	1.71	.03	.07	1	142
KC-L4025E 1550N	1	21	10	83	.1	8	7	394	3.75	2	5	ND	1	88	1	2	2	84	.52	.017	6	13	.66	246	.12	2	2.15	.04	.06	1	11
KC-L4025E 1525N	1	17	10	66	.1	11	8	436	3.33	6	5	ND	3	108	1	2	2	74	.56	.011	7	16	.86	276	.14	2	2.28	.04	.06	1	1
KC-L4025E 1500N	1	40	11	81	.3	8	10	860	2.93	5	5	ND	2	80	1	2	2	58	1.48	.041	8	9	.74	364	.05	2	1.94	.04	.08	1	1
KC-L4050E 2300N	2	91	24	166	.1	22	11	410	4.96	91	5	ND	3	18	1	2	2	95	.14	.086	8	31	.80	91	.09	2	3.83	.03	.06	1	1
KC-L4050E 2275N	1	30	16	166	.3	12	10	495	5.52	52	5	ND	2	26	1	2	2	155	.25	.048	6	21	.71	73	.18	3	2.28	.03	.05	1	1
KC-L4050E 2250N	2	28	35	227	.3	11	9	508	4.04	36	5	ND	2	20	2	2	2	97	.26	.024	8	23	.49	86	.09	2	1.76	.03	.05	1	1
KC-L4050E 2225N	1	47	39	381	.2	14	11	869	5.48	51	5	ND	2	15	2	2	2	110	.16	.040	6	26	.92	86	.02	2	3.22	.02	.04	1	72
KC-L4050E 2200N	1	36	58	542	.1	13	14	1787	6.07	41	5	ND	1	18	3	2	2	111	.31	.059	5	24	1.09	149	.01	2	3.24	.02	.06	1	1
STD C/AU-S	19	59	40	134	7.1	68	28	1039	3.95	40	20	8	39	49	18	19	20	56	.47	.085	38	56	.87	177	.07	37	1.80	.08	.12	14	49
KC-L4050E 2175N	3	74	36	506	.4	13	15	1286	7.32	125	5	ND	2	17	3	2	2	160	.32	.050	4	18	1.28	106	.02	2	4.12	.03	.05	1	1
KC-L4050E 2150N	2	44	29	420	.1	17	14	1026	5.08	35	5	ND	2	30	2	2	2	119	.38	.035	5	31	1.29	85	.04	2	3.24	.03	.05	1	5
KC-L4050E 2125N	2	32	30	215	.5	14	10	569	4.44	32	5	ND	2	30	1	2	2	102	.57	.034	6	26	.86	136	.04	2	2.54	.03	.05	1	1
KC-L4050E 2100N	8	75	335	641	1.5	19	18	932	5.68	1337	5	ND	2	31	2	7	2	113	.91	.054	7	25	1.00	149	.02	2	2.96	.03	.07	1	1
KC-L4050E 2075N	5	39	22	344	.3	14	10	590	5.87	89	5	ND	2	22	3	2	2	139	.26	.066	5	31	.83	394	.03	2	2.72	.03	.05	1	1
KC-L4050E 2050N	7	93	55	690	1.2	26	21	4516	5.53	198	5	ND	3	30	17	2	2	95	1.11	.127	15	32	.69	1034	.02	2	2.62	.04	.05	1	1
KC-L4050E 2025N	12	108	28	265	1.2	32	15	1828	4.48	46	5	ND	3	39	5	2	2	105	1.14	.115	17	32	.85	1286	.01	2	3.09	.03	.06	1	1
KC-L4050E 2000N	7	51	20	336	.5	25	14	1256	4.28	30	5	ND	2	26	3	2	2	92	.62	.063	10	30	.85	730	.02	2	2.26	.03	.06	1	1
KC-L4050E 1975N	6	37	20	225	.2	17	8	359	4.11	21	5	ND	2	24	1	2	2	89	.51	.038	8	30	.67	463	.05	2	1.74	.03	.05	1	1
KC-L4050E 1950N	6	37	19	235	.2	17	8	310	3.79	17	5	ND	2	28	4	2	2	97	.49	.027	8	30	.53	524	.04	2	1.69	.03	.04	1	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4050E 1925N	5	143	18	126	.6	11	6	255	2.52	4	6	ND	3	31	2	4	2	64	.59	.016	9	21	.32	464	.03	2	1.11	.03	.06	1	31
KC-L4050E 1900N	18	465	47	156	.7	18	9	1211	3.55	9	6	ND	2	30	1	2	2	54	.55	.033	12	26	.46	366	.02	2	1.72	.03	.05	3	36
KC-L4050E 1875N	5	300	17	116	.2	14	9	249	4.21	10	8	ND	1	19	1	2	2	86	.18	.017	6	26	.54	195	.04	2	2.01	.02	.05	1	117
KC-L4050E 1850N	6	281	24	97	.7	11	14	915	4.03	8	5	ND	3	21	1	6	2	70	.62	.021	7	19	.43	313	.02	2	1.65	.03	.07	2	123
KC-L4050E 1825N	5	366	15	119	.9	10	9	220	4.72	12	5	ND	2	19	1	4	2	84	.21	.020	5	20	.45	124	.03	2	1.97	.02	.05	2	196
KC-L4050E 1800N	8	191	15	75	.1	6	6	192	3.74	10	5	ND	1	16	1	2	2	68	.14	.013	5	11	.29	101	.03	2	1.18	.02	.04	1	153
KC-L4050E 1775N	7	272	17	56	.8	4	4	116	3.03	6	5	ND	3	21	1	2	2	56	.33	.018	5	9	.18	268	.02	2	1.17	.02	.08	1	125
KC-L4050E 1750N	11	2043	16	99	.9	11	9	803	3.59	10	5	ND	1	36	2	3	2	64	.83	.037	10	18	.38	332	.03	5	1.62	.03	.06	2	183
KC-L4050E 1725N	15	3602	17	117	1.5	15	8	409	3.43	12	5	ND	1	62	2	2	2	55	1.28	.075	15	21	.54	433	.03	5	1.91	.04	.07	1	200
KC-L4050E 1650N	5	804	13	107	.7	13	9	438	3.59	6	9	ND	3	63	1	2	2	64	1.10	.053	12	18	.63	327	.06	2	1.93	.04	.08	2	134
KC-L4050E 1550N	2	212	12	93	.3	11	8	493	3.49	4	5	ND	2	109	1	3	2	68	.92	.035	9	17	.83	283	.10	2	2.16	.06	.07	1	31
KC-L4050E 1525N	1	25	8	79	.4	12	8	497	3.32	3	5	ND	4	139	1	2	2	70	.88	.024	9	17	.84	285	.16	2	2.11	.06	.09	3	5
KC-L4075E 2300N	2	47	11	109	.5	16	9	777	4.82	57	5	ND	2	37	1	2	2	101	.29	.063	6	28	.67	102	.12	2	2.04	.03	.06	1	1
KC-L4075E 2275N	2	50	15	133	.7	16	9	505	4.81	60	5	ND	2	20	1	2	2	103	.15	.056	7	26	.73	83	.12	2	2.52	.03	.04	2	1
KC-L4075E 2250N	1	40	12	157	.7	13	7	389	4.55	52	9	ND	4	19	1	3	2	95	.14	.042	8	23	.51	81	.10	3	1.99	.03	.07	1	9
KC-L4075E 2225N	1	47	17	189	.2	15	9	420	4.72	48	5	ND	2	24	1	2	2	103	.23	.032	7	28	.72	114	.09	2	2.31	.03	.05	1	4
KC-L4075E 2200N	1	42	23	233	.3	15	10	741	4.56	51	8	ND	2	19	3	4	2	104	.17	.030	7	23	.72	128	.08	2	2.11	.03	.05	1	1
KC-L4075E 2175N	2	78	44	302	.7	14	10	1218	5.44	47	7	ND	2	40	2	4	2	104	.47	.041	7	28	.84	145	.04	2	2.69	.03	.07	1	1
KC-L4075E 2150N	2	136	19	248	.5	24	26	2004	7.76	21	5	ND	2	25	4	2	2	222	.62	.041	5	89	2.38	221	.14	2	3.15	.04	.05	1	9
KC-L4075E 2125N	11	109	137	565	.7	12	12	2499	7.37	137	13	ND	4	22	4	4	2	121	.30	.067	8	24	.53	388	.03	2	2.52	.03	.08	3	4
KC-L4075E 2100N	2	30	17	225	.1	11	8	459	3.87	17	5	ND	1	22	2	2	2	100	.34	.024	6	31	.61	147	.06	2	1.78	.03	.04	1	1
KC-L4075E 2075N	2	32	15	480	.3	15	9	579	4.81	47	5	ND	2	19	2	2	2	93	.27	.031	7	29	.72	81	.08	2	2.37	.03	.05	2	1
KC-L4075E 2050N	2	57	36	342	.7	18	16	2174	5.31	98	5	ND	2	25	10	2	2	118	.46	.052	6	31	1.21	425	.03	2	2.92	.03	.07	1	1
KC-L4075E 2025N	4	44	22	318	.4	16	11	631	6.53	115	6	ND	2	21	2	2	2	147	.30	.070	4	38	1.03	255	.02	2	3.50	.03	.05	1	4
KC-L4075E 2000N	5	39	34	305	.3	11	13	1880	5.18	89	5	ND	1	22	6	2	2	111	.27	.090	6	28	.55	425	.02	2	1.91	.03	.05	2	1
KC-L4075E 1975N	4	65	37	250	.3	19	12	591	5.06	129	5	ND	1	28	1	3	2	106	.46	.055	4	34	1.08	240	.02	2	2.85	.03	.05	1	29
KC-L4075E 1950N	3	69	31	293	.3	26	16	1108	5.24	71	5	ND	2	32	4	3	2	104	.44	.062	7	40	.75	307	.03	2	2.35	.03	.06	1	1
KC-L4075E 1925N	11	42	17	145	.4	14	6	225	4.07	34	5	ND	1	32	2	2	2	137	.69	.042	6	23	.49	466	.05	2	1.50	.03	.07	1	1
KC-L4075E 1900N	6	1782	25	243	1.2	21	12	1233	4.58	52	5	ND	2	34	3	2	2	86	.86	.057	23	29	.77	433	.02	3	2.68	.04	.08	2	55
KC-L4075E 1875N	6	353	14	109	.1	12	9	245	4.70	12	5	ND	2	16	1	5	2	86	.17	.025	6	20	.55	133	.05	3	1.91	.02	.04	2	168
KC-L4075E 1850N	5	449	21	120	.2	13	10	333	4.73	13	5	ND	3	18	1	3	2	78	.19	.024	6	20	.65	166	.04	3	2.16	.02	.05	1	190
KC-L4075E 1825N	5	218	14	92	.4	7	6	219	3.45	9	5	ND	3	27	1	5	2	71	.46	.012	6	17	.37	276	.05	2	1.24	.03	.08	1	85
KC-L4075E 1800N	6	214	19	94	.1	7	7	202	4.20	6	5	ND	1	19	1	5	2	71	.16	.014	5	12	.35	159	.05	2	1.34	.02	.06	1	138
KC-L4075E 1775N	6	213	21	96	.4	7	8	231	4.26	8	5	ND	2	30	1	5	2	74	.17	.016	5	12	.36	160	.05	2	1.35	.02	.08	1	210
KC-L4075E 1750N	6	863	20	109	.3	11	8	283	3.72	10	7	ND	1	33	1	4	2	61	.61	.023	7	17	.50	325	.03	2	1.81	.03	.06	1	190
KC-L4125E 2300N	1	40	12	113	.3	12	7	341	3.89	25	5	ND	2	23	1	2	2	94	.20	.040	8	23	.55	94	.13	2	1.84	.03	.05	2	10
STD C/AU-S	18	58	38	132	7.1	68	28	1046	4.08	41	17	7	39	51	18	16	23	57	.49	.088	38	59	.85	181	.08	34	1.84	.08	.13	12	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4125E 2275N	3	47	15	97	.5	14	10	418	5.22	44	5	ND	3	26	1	2	2	119	.21	.077	9	29	.62	104	.18	2	2.54	.03	.06	2	1
KC-L4125E 2250N	3	84	13	167	1.3	22	12	422	5.52	70	5	ND	4	27	1	2	2	111	.21	.043	8	34	.85	93	.14	2	3.47	.03	.09	1	1
KC-L4125E 2225N	2	51	15	165	.7	19	11	434	5.34	62	5	ND	3	29	1	2	2	112	.28	.030	8	32	.80	82	.12	2	2.96	.03	.08	1	1
KC-L4125E 2200N	3	142	68	373	1.9	25	15	2520	4.77	34	5	ND	3	36	4	2	2	92	.75	.061	13	42	.76	161	.07	2	3.07	.04	.07	1	5
KC-L4125E 2175N	3	87	29	326	1.3	22	16	935	7.23	66	5	ND	3	26	2	3	2	214	.36	.044	7	53	1.14	76	.11	2	3.89	.04	.08	2	1
KC-L4125E 2150N	2	39	36	596	1.3	18	14	1527	6.29	36	5	ND	2	18	3	2	2	170	.34	.036	6	44	1.24	237	.06	2	3.74	.03	.07	1	1
KC-L4125E 2125N	2	41	35	488	.8	17	15	1141	5.86	60	5	ND	2	19	2	2	2	138	.38	.041	6	40	1.18	208	.04	2	3.48	.03	.06	1	181
KC-L4125E 2100N	3	28	14	369	.4	13	10	773	4.81	34	5	ND	2	20	3	2	2	116	.30	.034	7	34	.68	129	.08	2	2.31	.03	.05	3	1
KC-L4125E 2075N	4	43	50	806	.9	16	16	1805	6.01	206	5	ND	2	20	8	2	2	127	.42	.057	8	36	.92	391	.04	2	3.13	.03	.08	1	6
KC-L4125E 2050N	8	50	21	315	.4	18	11	776	5.04	99	5	ND	2	27	5	2	2	145	.36	.065	8	33	.82	598	.04	2	2.57	.03	.10	1	1
KC-L4125E 2025N	9	148	28	381	1.9	25	10	912	3.98	108	5	ND	3	40	3	2	2	100	1.57	.103	13	31	.86	358	.02	3	2.33	.04	.08	1	11
KC-L4125E 2000N	10	56	32	326	1.5	18	10	503	6.63	148	5	ND	1	45	2	3	2	161	.49	.111	6	45	1.03	542	.03	3	3.17	.04	.08	1	310
KC-L4125E 1975N	7	68	32	407	1.0	23	13	963	5.64	104	5	ND	2	27	3	2	2	119	.48	.061	9	37	.89	461	.04	2	3.13	.03	.08	1	1
KC-L4125E 1950N	5	43	24	310	.9	12	9	707	5.82	60	5	ND	2	18	2	2	2	132	.32	.065	6	29	.68	255	.05	2	2.52	.03	.09	1	1
STD C/AU-S	19	60	41	136	7.6	68	28	1033	4.12	41	21	7	41	51	18	16	23	59	.50	.087	40	60	.86	181	.08	37	1.91	.09	.14	14	53
KC-L4125E 1925N	5	101	20	216	.7	18	11	783	5.40	55	5	ND	2	27	2	2	2	114	.36	.060	7	37	.85	306	.05	2	2.63	.03	.07	1	50
KC-L4125E 1900N	16	136	16	125	.8	10	8	246	5.22	27	5	ND	4	18	1	2	2	122	.27	.038	7	23	.54	218	.06	2	1.75	.03	.09	1	260
KC-L4125E 1875N	27	1417	25	174	1.0	27	12	1283	4.42	27	5	ND	3	34	1	2	2	79	.66	.044	15	35	.88	672	.02	2	3.14	.04	.06	1	58
KC-L4125E 1775N	24	202	17	59	.6	4	7	160	4.70	2	5	ND	3	18	1	3	2	80	.25	.007	5	16	.28	119	.06	2	1.11	.02	.05	1	175
KC-L4125E 1750N	11	719	17	111	.6	12	12	306	5.42	7	5	ND	2	20	1	4	2	73	.15	.029	6	20	.52	138	.04	3	2.18	.02	.07	1	330
KC-L4125E 1600N	3	111	13	98	.5	18	10	468	4.14	2	5	ND	2	26	1	2	2	73	.21	.033	8	29	.81	175	.06	2	3.75	.03	.08	1	42
KC-L4125E 1575N	2	36	13	87	.7	15	9	331	4.24	6	5	ND	4	30	1	2	2	87	.16	.024	9	27	.67	145	.10	3	3.39	.03	.09	1	15
KCA-L4125E 1850N	30	2960	20	145	.9	20	11	510	4.68	21	5	ND	2	30	1	5	2	78	.60	.021	14	29	.65	241	.06	2	2.16	.03	.07	1	195
KCA-L4125E 1825N	27	6307	18	199	1.2	22	13	787	4.09	19	5	ND	3	58	2	2	2	63	1.53	.065	18	26	.71	360	.05	3	1.91	.05	.12	1	330
KCA-L4125E 1800N	43	1462	18	182	.7	18	14	913	4.12	14	5	ND	3	39	1	2	2	70	.93	.041	9	28	.68	453	.05	2	2.07	.04	.09	1	230
KCA-L4125E 1700N	38	2667	20	140	.8	17	12	898	4.16	18	5	ND	4	56	2	2	2	73	.95	.063	12	26	.73	302	.09	3	1.92	.04	.10	1	400
KCA-L4125E 1675N	31	2135	17	121	1.6	21	12	619	4.11	15	5	ND	5	62	1	2	2	71	1.05	.053	18	28	.77	337	.07	2	2.43	.04	.14	1	210
KCA-L4125E 1650N	9	699	17	111	.7	21	12	571	3.85	18	5	ND	3	59	1	2	2	72	.98	.059	12	28	.69	384	.07	2	2.04	.05	.08	1	120
KCA-L4125E 1550N	4	130	19	105	.6	18	9	719	3.55	9	5	ND	2	70	1	2	2	70	1.23	.073	14	29	.86	342	.08	2	2.57	.05	.06	1	12
KCA-L4125E 1525N	2	63	11	86	.6	14	12	590	3.57	2	5	ND	4	176	1	2	2	84	1.27	.048	12	21	1.23	566	.13	3	3.13	.07	.13	1	7
KC-L4150E 2300N	2	44	10	108	.6	18	7	366	4.15	39	5	ND	2	21	1	2	2	92	.16	.047	8	32	.65	89	.11	2	2.35	.03	.04	1	1
KC-L4150E 2275N	2	61	16	124	1.1	17	10	341	4.71	43	5	ND	3	27	1	2	2	90	.25	.051	9	28	.68	96	.11	3	2.69	.03	.07	1	23
KC-L4150E 2250N	3	41	12	146	.4	14	9	504	5.02	45	5	ND	1	31	2	2	2	129	.38	.053	8	28	.53	138	.16	2	1.94	.03	.04	1	24
KC-L4150E 2225N	2	43	14	153	.5	14	9	522	4.90	52	5	ND	2	22	1	2	2	106	.19	.077	9	27	.62	87	.11	2	1.94	.03	.07	1	1
KC-L4150E 2200N	5	200	16	213	.8	18	13	560	5.69	44	5	ND	3	39	3	2	2	131	.42	.045	8	34	.94	134	.18	2	2.63	.04	.07	1	5
KC-L4150E 2175N	3	56	26	194	1.0	19	10	475	4.86	65	5	ND	4	28	1	2	2	97	.32	.027	8	35	.82	136	.09	2	2.43	.03	.08	1	220
KC-L4150E 2150N	3	38	37	326	.5	16	12	908	5.35	36	5	ND	1	24	2	2	2	122	.51	.035	6	34	.94	108	.03	2	2.97	.03	.08	1	25

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
KC-L4150E 2125N	3	77	62	305	.1	22	14	1038	5.79	133	5	ND	1	20	1	2	2	114	.36	.028	6	36	1.35	123	.03	2	3.98	.03	.04	1	147
KC-L4150E 2100N	2	47	51	346	.1	10	15	1139	5.60	78	5	ND	1	16	2	2	2	142	.77	.061	5	23	1.31	48	.26	3	2.66	.05	.05	1	5
KC-L4150E 2075N	5	61	35	287	.1	30	16	761	6.54	137	5	ND	1	22	2	2	2	127	.34	.055	6	51	1.28	269	.04	2	3.69	.03	.08	1	4
KC-L4150E 2050N	5	52	31	332	.3	21	13	884	6.23	117	5	ND	1	28	3	2	2	145	.50	.082	5	46	1.27	425	.02	2	4.05	.03	.09	1	24
KC-L4150E 2025N	9	80	52	396	.5	23	13	948	6.52	210	5	ND	1	24	2	2	2	138	.46	.089	7	46	1.13	480	.02	2	3.54	.03	.05	1	48
KC-L4150E 2000N	8	28	29	449	.4	14	10	925	6.25	154	5	ND	2	18	5	2	2	132	.29	.084	11	29	.59	617	.03	2	2.43	.03	.08	1	30
KC-L4150E 1975N	9	43	28	557	.5	17	11	793	6.83	110	5	ND	1	21	3	2	2	150	.31	.090	7	38	1.00	406	.03	2	3.29	.03	.07	1	15
KC-L4150E 1950N	9	76	21	273	.1	16	10	806	5.12	63	5	ND	1	20	2	2	2	113	.25	.060	6	29	.83	365	.04	2	2.55	.02	.05	1	31
KC-L4150E 1925N	12	72	17	258	.5	11	10	416	5.37	27	5	ND	1	34	4	2	2	139	.31	.048	6	24	.74	258	.10	3	2.09	.03	.11	1	40
KC-L4150E 1900N	7	237	13	101	.2	12	8	294	3.42	10	5	ND	1	19	1	2	2	73	.16	.015	8	21	.61	218	.05	5	1.87	.02	.05	1	60
KC-L4150E 1875N	41	393	14	153	.1	34	7	266	4.98	15	5	ND	2	11	1	5	2	72	.15	.049	9	19	.78	149	.04	2	2.78	.02	.08	1	275
STD C/AU-S	21	59	38	133	7.3	69	27	1022	4.06	37	21	7	40	51	19	17	20	58	.50	.083	39	62	.85	170	.08	34	1.89	.08	.13	13	52
KC-L4150E 1850N	18	5875	13	139	.8	19	8	808	2.29	11	5	ND	1	60	3	2	2	34	2.09	.054	24	19	.57	794	.01	2	1.80	.03	.09	1	37
KC-L4150E 1800N	24	585	18	179	.1	13	10	466	4.07	9	5	ND	1	33	1	2	2	67	.61	.012	7	19	.67	273	.08	2	1.65	.03	.07	1	142
KC-L4150E 1750N	39	1530	22	174	.7	15	16	1068	3.97	5	5	ND	3	39	4	2	2	57	1.31	.048	8	19	.55	392	.02	2	2.18	.03	.17	1	235
KC-L4150E 1725N	35	2268	23	131	.8	18	14	915	4.41	17	5	ND	3	35	2	2	2	69	.58	.041	14	24	.72	376	.03	2	2.63	.03	.11	1	205
KC-L4150E 1700N	23	1762	16	133	.1	21	11	742	3.79	11	5	ND	1	46	2	2	2	66	.75	.029	11	32	.64	488	.05	4	2.42	.04	.07	1	132
KC-L4150E 1600N	3	53	19	105	.3	21	9	393	4.91	10	5	ND	2	37	1	2	2	99	.27	.030	9	33	.80	154	.09	3	2.89	.03	.08	1	26
KC-L4150E 1575N	2	36	16	73	.6	16	9	362	3.87	5	5	ND	3	47	1	2	2	77	.27	.035	9	24	.79	173	.11	5	3.40	.03	.08	1	19
KCA-L4150E 1825N	38	1117	19	123	.1	21	11	628	4.37	51	5	ND	2	40	1	2	2	80	.67	.058	11	32	.84	352	.08	5	1.65	.04	.07	1	205
KCA-L4150E 1800N	24	561	14	115	.2	12	11	487	4.07	10	5	ND	3	28	1	2	2	68	.58	.024	7	18	.92	206	.07	5	1.79	.04	.12	1	590
KCA-L4150E 1775N	22	1128	13	109	.4	17	12	555	4.12	8	5	ND	1	46	1	2	2	61	.94	.057	9	26	.64	233	.08	3	1.47	.04	.09	1	395
KCA-L4150E 1675N	16	1305	20	120	.4	17	11	444	4.21	12	5	ND	3	65	2	2	2	79	.94	.058	16	28	.78	349	.10	2	2.14	.05	.10	1	245
KCA-L4150E 1650N	3	141	11	66	.4	18	9	566	3.59	8	5	ND	4	65	1	2	2	70	.84	.035	10	25	.72	272	.12	3	2.01	.04	.11	1	43
KCA-L4150E 1625N	1	62	8	74	.1	32	8	288	2.75	4	5	ND	2	46	1	2	2	66	.74	.042	11	48	.78	288	.11	5	2.32	.04	.06	1	6
KCA-L4150E 1525N	2	60	12	87	.1	17	11	714	4.01	8	5	ND	2	78	1	2	2	76	.99	.052	12	29	1.07	345	.13	4	2.71	.06	.08	1	26
KCA-L4150E 1500N	2	48	15	82	.1	18	10	685	3.75	5	5	ND	2	88	1	2	2	77	.93	.050	12	30	1.08	358	.12	2	2.90	.06	.09	1	7
KCA-L4175E 2250N	3	102	16	119	.4	20	10	443	4.24	55	5	ND	2	34	1	2	2	89	.34	.038	7	32	.80	133	.08	6	2.40	.03	.06	1	5
KCA-L4175E 2225N	2	45	14	126	.1	18	9	415	5.01	41	5	ND	2	23	1	2	2	98	.17	.045	9	33	.68	83	.13	2	2.83	.03	.04	1	1
KCA-L4175E 2200N	2	46	16	199	.1	16	10	939	5.06	78	5	ND	2	24	4	2	2	116	.20	.056	7	31	.69	178	.10	2	2.17	.03	.06	1	1
KCA-L4175E 2175N	2	48	15	128	.6	14	9	391	4.82	63	7	ND	3	24	1	3	2	113	.20	.036	7	29	.66	76	.10	2	2.16	.03	.09	1	1
KCA-L4175E 2150N	2	59	37	241	.2	24	20	1867	5.70	43	5	ND	2	26	2	2	2	134	.57	.038	6	44	1.64	161	.09	2	3.69	.04	.07	1	1
KCA-L4175E 2125N	3	29	19	183	.5	22	12	1110	5.03	41	5	ND	2	31	2	2	2	115	.38	.051	8	61	.72	127	.07	3	2.08	.03	.09	2	36
KCA-L4175E 2100N	3	48	36	341	.3	18	12	1197	5.57	78	5	ND	2	21	2	2	2	109	.37	.054	9	36	.95	161	.04	2	2.77	.03	.08	1	1
KCA-L4175E 2075N	3	39	66	430	.6	17	11	1301	5.16	98	5	ND	2	24	4	2	2	102	.45	.056	6	32	.81	200	.04	2	2.56	.03	.08	1	1
KCA-L4175E 2050N	5	47	37	469	.6	17	14	1343	6.07	90	5	ND	1	25	5	2	2	124	.48	.080	8	39	.70	453	.03	3	2.95	.03	.09	1	2
KCA-L4175E 2025N	11	52	40	578	.5	22	14	1131	7.06	164	5	ND	1	23	5	3	2	178	.36	.115	6	53	1.18	576	.03	2	3.59	.03	.09	1	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4175E 2000N	10	78	33	436	.9	21	11	955	6.29	121	5	ND	1	23	8	2	2	176	.55	.086	6	48	.83	622	.02	2	2.69	.03	.05	1	6
KC-L4175E 1975N	12	104	45	548	.6	25	14	757	6.16	183	5	ND	2	22	4	2	2	133	.71	.082	7	38	.92	368	.01	2	3.38	.03	.07	1	5
KC-L4175E 1975NA	15	44	31	289	.4	16	7	417	5.33	109	5	ND	2	17	3	3	2	173	.27	.067	7	31	.57	494	.01	2	2.13	.02	.08	1	4
KC-L4175E 1925N	7	213	17	234	1.6	19	12	1665	3.87	46	5	ND	2	44	5	2	2	72	1.09	.041	14	23	.77	535	.04	2	2.37	.04	.06	1	36
KC-L4175E 1900N	5	112	15	109	.2	12	8	274	3.49	11	5	ND	1	25	1	2	2	80	.28	.014	6	19	.60	207	.06	2	1.55	.02	.05	1	92
KC-L4175E 1875N	33	678	15	126	.2	17	9	426	3.67	11	5	ND	1	22	1	2	2	73	.18	.018	8	25	.85	318	.02	2	2.45	.02	.04	1	225
KC-L4175E 1850N	53	741	20	122	.6	16	9	437	3.95	19	5	ND	1	17	1	2	2	79	.26	.023	8	26	.99	325	.02	2	2.72	.02	.09	1	211
KC-L4175E 1825N	21	178	14	76	.4	11	7	226	3.64	32	5	ND	2	16	1	2	2	79	.11	.014	6	23	.49	111	.05	2	1.53	.02	.04	1	113
KC-L4175E 1800N	108	1465	27	129	1.1	17	13	962	4.71	27	5	ND	2	24	1	2	2	80	.47	.034	11	28	.66	386	.01	2	3.03	.03	.10	1	95
KC-L4175E 1775N	47	2411	27	148	.8	20	13	800	5.07	19	5	ND	2	33	1	2	2	74	.88	.054	10	27	.85	449	.01	2	2.95	.03	.12	1	199
KC-L4175E 1750N	18	691	17	93	.3	11	9	361	3.99	10	5	ND	3	34	1	2	2	67	.44	.009	8	18	.59	226	.07	2	1.49	.03	.05	1	325
KC-L4175E 1600N	2	38	16	85	.2	15	7	322	4.26	7	5	ND	1	27	1	2	2	75	.16	.048	7	27	.66	108	.08	2	2.66	.02	.03	1	4
KC-L4175E 1575N	2	40	12	83	.6	14	7	295	3.77	13	5	ND	2	23	1	2	2	74	.15	.032	8	25	.63	87	.06	2	2.34	.02	.04	2	1
KC-L4175E 1550N	2	31	12	73	.6	13	6	247	3.15	3	5	ND	2	29	1	2	2	68	.23	.020	7	24	.56	124	.06	2	2.41	.02	.06	1	1
KCA-L4175E 1675N	12	3161	16	106	.6	16	12	696	4.25	12	5	ND	2	60	2	3	2	62	.81	.058	12	22	.66	283	.06	2	1.68	.04	.09	1	325
KCA-L4175E 1650N	4	395	15	90	.7	17	9	611	3.40	9	5	ND	3	65	1	2	2	63	.97	.049	13	23	.71	292	.09	2	1.96	.04	.07	1	24
KCA-L4175E 1625N	1	68	11	71	.3	16	8	559	3.14	5	5	ND	2	60	1	2	2	61	.74	.034	8	24	.68	240	.11	2	1.80	.04	.04	1	6
KCA-L4200E 2250N	4	92	15	184	1.2	17	13	1298	4.54	18	5	ND	1	41	2	2	2	99	.97	.079	10	28	1.14	109	.05	2	3.47	.04	.06	1	1
KCA-L4200E 2225N	3	68	15	197	1.1	17	13	647	4.61	19	5	ND	2	29	2	2	2	107	.32	.063	7	29	.99	200	.04	2	3.12	.03	.09	2	1
KCA-L4200E 2200N	3	198	22	914	1.4	26	15	1057	4.51	59	5	ND	3	42	5	2	2	80	.76	.037	10	39	1.03	156	.03	2	3.61	.04	.06	1	1
KCA-L4200E 2175N	2	37	14	252	.3	13	9	729	4.14	38	5	ND	2	27	6	2	2	82	.40	.056	7	24	.60	149	.07	2	1.68	.03	.04	1	4
KCA-L4200E 2150N	2	31	36	262	1.3	10	11	1691	5.33	20	5	ND	1	20	4	2	2	99	.48	.064	8	27	.61	156	.05	2	1.97	.03	.05	1	1
KCA-L4200E 2125N	3	37	59	290	.8	13	9	738	4.42	42	5	ND	1	21	4	2	2	93	.41	.043	7	29	.67	184	.04	2	2.10	.03	.07	1	2
KCA-L4200E 2100N	3	42	34	321	.7	13	13	1248	5.97	105	6	ND	1	29	4	2	2	135	.44	.071	5	34	.84	155	.03	2	2.45	.03	.07	1	1
KCA-L4200E 2075N	4	47	31	314	.6	16	11	1058	5.51	88	5	ND	1	22	3	2	2	107	.37	.058	6	31	.93	136	.02	2	2.59	.03	.04	1	1
KCA-L4200E 2050N	7	46	36	312	1.5	16	13	2262	4.94	102	5	ND	2	24	4	2	2	103	.91	.073	9	30	.73	412	.02	2	2.46	.03	.07	2	3
KCA-L4200E 2025N	7	89	30	412	1.6	22	11	1838	4.70	125	5	ND	2	28	4	2	2	75	1.22	.113	23	29	.69	469	.02	2	2.67	.04	.05	1	1
KCA-L4200E 2000N	16	56	35	339	.3	21	12	1083	6.02	131	5	ND	1	20	2	2	2	157	.33	.090	6	37	.96	587	.01	2	2.51	.03	.08	1	15
KCA-L4200E 1975N	9	189	52	891	1.6	29	15	2401	4.94	150	5	ND	2	34	12	2	2	101	1.22	.097	13	35	.78	540	.01	2	3.43	.03	.06	1	1
KCA-L4200E 1950N	14	49	30	257	.8	13	7	378	5.96	104	5	ND	1	12	3	2	2	149	.29	.057	8	27	.58	400	.02	2	2.22	.02	.06	1	1
KCA-L4200E 1925N	5	196	16	149	.2	16	9	342	4.39	19	5	ND	1	25	1	2	2	82	.37	.027	6	25	.78	287	.05	2	2.20	.03	.04	1	225
KCA-L4200E 1900N	5	266	21	185	2.2	14	12	790	4.08	24	5	ND	1	38	3	2	2	86	1.08	.026	9	20	.63	448	.06	2	2.11	.04	.03	1	2
KCA-L4200E 1875N	7	1164	24	198	3.6	33	14	1542	4.26	48	5	ND	2	50	5	2	2	73	1.86	.078	26	31	.82	770	.02	2	3.42	.04	.05	1	28
KCA-L4200E 1850N	13	1449	21	129	.8	18	13	850	3.88	21	5	ND	1	40	2	2	2	59	1.21	.056	16	21	.65	467	.02	2	2.38	.03	.05	1	103
KCA-L4200E 1825N	28	490	17	102	.5	10	10	340	3.91	11	5	ND	2	22	1	2	2	68	.24	.014	8	21	.68	236	.03	2	1.94	.02	.05	2	365
KCA-L4200E 1800N	36	364	19	107	.4	17	8	304	4.10	39	5	ND	3	22	1	2	2	77	.20	.015	8	29	.74	169	.04	2	2.37	.02	.05	1	32
STD C/AU-S	19	58	38	133	7.1	67	27	1044	4.05	39	21	7	38	50	18	17	20	56	.49	.086	37	60	.85	179	.08	35	1.84	.08	.13	11	53

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4200E 1775N	5	687	18	163	.4	15	14	486	5.21	17	5	ND	2	21	1	2	2	83	.18	.044	7	22	.68	141	.06	2	2.42	.02	.05	1	92
KC-L4200E 1750N	12	255	18	125	.9	9	8	256	4.97	11	5	ND	2	16	1	2	2	77	.11	.040	8	17	.44	141	.05	2	2.17	.02	.07	1	167
KC-L4200E 1725N	18	1809	16	97	.6	12	10	416	3.65	13	5	ND	3	37	1	6	2	62	.48	.027	10	19	.68	382	.04	2	2.15	.03	.09	2	210
KC-L4200E 1700N	35	3996	19	125	1.3	13	16	648	5.17	12	5	ND	4	31	1	6	2	59	.49	.049	15	15	.74	197	.04	2	1.91	.03	.12	1	780
KC-L4200E 1675N	16	7882	16	147	.9	20	12	690	4.03	9	5	ND	3	48	3	6	2	56	.80	.045	23	20	.75	337	.04	3	2.44	.04	.11	1	275
KC-L4200E 1650N	4	1193	11	103	.7	14	6	455	2.47	5	5	ND	1	83	1	2	2	38	2.54	.074	11	16	.57	541	.03	4	2.03	.03	.06	1	47
KC-L4200E 1625N	3	151	15	77	.6	11	8	518	3.81	2	9	ND	3	50	1	2	2	75	.62	.023	7	17	.58	175	.11	2	1.47	.03	.08	1	190
KC-L4200E 1600N	1	35	12	84	.6	11	6	275	3.72	8	5	ND	2	28	1	2	2	76	.15	.045	7	19	.56	118	.09	2	2.10	.02	.06	1	26
KCA-L4200E 1600N	1	66	10	69	.2	20	9	470	3.53	5	5	ND	3	50	1	2	2	66	.36	.037	11	23	.75	189	.12	2	2.75	.03	.07	1	25
KCA-L4200E 1575N	1	53	13	83	.7	20	9	460	3.59	13	13	ND	4	43	1	2	2	70	.32	.032	11	28	.78	166	.09	3	2.53	.03	.06	1	14
KCA-L4200E 1550N	1	49	12	69	.2	20	10	581	3.66	7	5	ND	3	61	1	2	2	70	.60	.032	10	26	.90	227	.12	3	2.85	.04	.07	1	6
KCA-L4200E 1525N	1	50	9	72	.3	18	9	572	3.36	10	5	ND	3	73	1	2	2	66	1.00	.046	10	27	.88	320	.11	2	2.23	.05	.07	1	10
KCA-L4200E 1500N	1	37	10	77	.4	15	9	603	3.30	5	5	ND	4	107	1	2	2	68	.88	.036	10	22	.96	255	.13	2	2.31	.05	.08	1	1
KCA-L4225E 2250N	2	205	22	319	1.1	23	11	800	3.56	29	5	ND	1	57	2	2	2	65	1.69	.084	11	36	.89	183	.04	3	3.15	.04	.05	1	15
KCA-L4225E 2225N	2	88	15	187	.8	17	10	578	3.64	40	10	ND	3	40	1	2	2	76	.89	.030	8	28	.81	138	.06	2	2.34	.04	.07	2	6
KCA-L4225E 2200N	3	281	19	276	.8	29	15	937	4.81	44	5	ND	2	50	3	2	2	93	1.22	.047	9	46	1.12	156	.04	2	4.62	.04	.07	1	1
KCA-L4225E 2175N	2	47	20	259	1.1	19	10	510	4.42	52	11	ND	3	29	1	2	2	86	.51	.031	9	36	.85	79	.07	2	2.47	.03	.09	2	1
KCA-L4225E 2150N	2	154	27	364	1.5	22	15	1791	4.97	60	5	ND	2	32	8	2	2	85	.93	.077	13	34	.79	136	.04	3	3.57	.04	.07	1	1
KCA-L4225E 2125N	2	34	26	120	.7	14	6	443	3.68	29	5	ND	2	26	1	2	2	86	.37	.033	8	33	.50	177	.07	2	1.71	.03	.07	1	4
STD C/AU-S	19	58	38	126	7.2	67	26	991	3.88	40	19	7	39	48	17	17	19	55	.46	.082	37	60	.90	174	.08	37	1.85	.08	.13	13	50
KCA-L4225E 2100N	2	37	18	244	.6	17	9	737	4.44	72	5	ND	2	25	2	2	2	95	.34	.038	9	31	.79	143	.05	5	2.29	.03	.07	1	3
KCA-L4225E 2075N	2	27	33	495	.8	14	17	1088	6.53	151	5	ND	4	22	4	4	2	136	.44	.063	7	32	1.16	131	.04	2	3.42	.03	.10	1	1
KCA-L4225E 2050N	2	29	27	427	1.3	13	12	1324	6.82	93	5	ND	2	18	4	2	2	141	.33	.101	8	31	1.04	149	.04	2	3.05	.03	.09	1	1
KCA-L4225E 2025N	7	77	29	285	.8	25	13	851	5.02	105	5	ND	2	23	2	2	2	119	.30	.037	11	34	1.27	356	.05	3	3.63	.03	.07	1	5
KCA-L4225E 2000N	4	47	43	258	.7	19	16	739	6.04	112	5	ND	2	26	2	2	2	119	.63	.052	6	34	1.08	320	.03	2	3.49	.03	.06	1	1
KCA-L4225E 1975N	6	79	25	200	1.3	27	11	665	4.61	87	5	ND	3	24	1	2	2	102	.71	.051	14	31	1.06	553	.03	3	3.20	.04	.07	1	1
KCA-L4225E 1950N	2	67	27	152	.7	24	13	796	4.15	70	7	ND	3	33	1	3	2	88	.63	.016	7	45	1.06	398	.07	4	2.47	.04	.06	1	7
KCA-L4225E 1925N	6	117	24	301	.4	26	14	731	4.49	92	5	ND	2	28	4	3	2	100	.63	.024	8	38	.94	416	.04	2	2.64	.03	.04	1	4
KCA-L4225E 1900N	4	389	19	129	.6	14	8	328	3.46	16	5	ND	3	24	2	2	2	71	.61	.014	11	19	.79	311	.05	2	2.32	.03	.05	1	177
KCA-L4225E 1800N	27	365	13	83	.6	10	7	265	2.97	2	5	ND	1	14	1	2	2	66	.16	.011	9	17	.85	185	.04	2	2.27	.02	.04	1	420
KCA-L4225E 1775N	16	220	15	98	.5	7	9	235	4.11	7	5	ND	2	20	1	4	2	77	.13	.012	7	15	.55	116	.07	2	1.56	.02	.06	1	265
KCA-L4225E 1750N	35	2619	18	113	.6	17	12	734	3.96	13	5	ND	2	65	1	2	2	64	.46	.034	12	25	.75	630	.03	2	2.52	.03	.08	1	205
KCA-L4225E 1725N	23	1088	16	118	1.3	13	10	364	5.07	19	5	ND	4	23	1	3	2	77	.18	.031	9	24	.69	211	.03	3	2.72	.02	.09	1	280
KCA-L4225E 1700N	12	910	14	91	.4	13	9	359	4.66	9	5	ND	2	27	1	2	2	76	.18	.013	9	25	.62	232	.05	2	2.17	.02	.06	1	115
KCA-L4225E 1675N	12	944	14	92	.5	16	9	351	4.60	8	5	ND	3	26	1	2	2	76	.18	.013	10	28	.62	252	.05	6	2.22	.02	.06	1	156
KCA-L4225E 1650N	24	11203	16	142	1.6	21	10	546	3.70	6	20	ND	5	62	4	4	2	43	1.02	.058	37	26	.61	720	.02	4	2.21	.04	.13	1	390
KCA-L4225E 1625N	8	907	11	96	.6	16	9	718	3.88	7	5	ND	3	56	1	2	2	67	1.06	.032	10	24	.78	537	.05	2	2.75	.04	.07	1	75

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
KC-L4225E 1600N	2	331	15	84	.5	19	11	850	4.08	4	5	ND	1	46	1	2	2	77	.32	.038	9	33	.75	313	.05	3	2.57	.03	.05	1	55
KC-L4225E 1575N	3	266	12	105	.3	25	13	757	4.12	6	5	ND	2	52	1	2	2	76	.45	.060	9	34	.82	330	.04	2	3.11	.04	.07	1	48
KC-L4225E 1550N	2	77	11	68	.1	16	9	683	3.29	5	5	ND	2	64	1	2	2	69	.60	.032	9	27	.76	167	.10	3	1.80	.04	.05	1	46
KC-L4225E 1525N	1	28	10	81	.3	17	10	455	3.56	2	6	ND	3	57	1	2	2	77	.67	.026	8	24	.93	204	.08	2	2.52	.04	.07	2	21
KC-L4225E 1500N	2	55	13	81	.2	17	8	573	3.41	6	5	ND	3	86	1	2	2	70	.75	.037	12	26	.85	220	.06	3	2.33	.04	.07	1	19
KCA-L4225E 1875N	7	817	17	98	.1	16	11	738	4.12	21	5	ND	4	35	1	2	2	79	.69	.043	11	25	1.02	239	.08	3	1.85	.04	.08	1	520
KCA-L4225E 1850N	8	1612	14	104	.2	19	13	1056	3.99	20	5	ND	2	35	1	2	2	72	.83	.040	12	26	.94	267	.07	3	1.89	.04	.06	1	485
KCA-L4225E 1825N	9	993	12	104	.4	15	12	623	4.06	10	5	ND	4	35	1	2	2	74	.70	.034	10	20	1.10	252	.09	7	1.95	.04	.11	2	620
KCA-L4250E 2175N	3	67	9	182	.4	17	9	534	4.04	29	5	ND	3	31	1	2	2	84	.52	.031	11	31	.85	112	.06	8	2.50	.04	.04	1	1
KC-L4250E 2150N	1	40	27	187	.3	14	9	645	3.92	30	5	ND	1	36	2	2	2	87	.37	.039	8	34	.65	185	.05	2	2.05	.03	.04	1	52
KC-L4250E 2125N	3	195	55	488	2.1	25	20	2716	5.90	62	5	ND	3	39	5	2	2	112	1.14	.076	10	44	1.51	317	.03	2	4.28	.06	.11	1	3
KC-L4250E 2100N	3	51	19	251	.3	18	12	854	5.32	51	5	ND	2	29	2	2	2	130	.58	.046	7	42	1.07	275	.08	2	2.56	.03	.05	1	1
KC-L4250E 2075N	5	50	28	252	.4	17	12	1220	4.72	89	5	ND	1	25	3	2	2	110	.57	.051	8	35	.85	242	.03	2	2.52	.03	.03	1	1
KC-L4250E 2050N	7	48	30	381	1.5	19	12	1216	4.78	84	5	ND	3	20	2	2	2	123	.39	.054	8	35	.92	300	.03	2	2.38	.03	.09	1	1
KC-L4250E 2025N	7	51	22	277	.4	22	10	605	4.35	48	5	ND	3	19	2	2	2	112	.40	.030	10	37	.91	553	.04	4	2.48	.03	.05	1	1
KC-L4250E 2000N	6	96	33	412	.3	23	18	1417	5.11	68	5	ND	3	27	3	2	2	111	.79	.049	12	37	1.01	604	.03	3	2.74	.04	.05	1	61
KC-L4250E 1950N	6	167	15	122	1.1	15	11	398	4.32	16	5	ND	3	39	2	2	2	107	.64	.017	7	25	1.01	304	.08	3	2.20	.04	.08	1	87
KC-L4250E 1825N	30	614	10	92	.5	9	9	431	3.47	7	5	ND	1	23	1	2	2	75	.54	.026	11	17	.79	318	.03	2	2.09	.03	.06	1	545
KC-L4250E 1800N	73	686	13	105	1.1	8	10	394	4.48	7	5	ND	4	14	1	2	2	82	.15	.026	11	23	.70	165	.02	4	2.18	.02	.08	1	590
KC-4250E 1775N	73	1967	16	105	.9	14	10	765	4.57	9	5	ND	3	24	1	2	2	79	.29	.039	11	26	.52	309	.01	2	2.87	.02	.07	1	164
KC-L4250E 1750N	24	3370	14	98	.6	12	10	796	3.64	5	5	ND	2	24	1	2	2	65	.27	.046	13	20	.58	397	.02	2	1.86	.02	.08	1	435
KC-L4250E 1725N	24	403	13	88	2.1	14	8	306	5.02	12	5	ND	4	20	1	2	2	83	.13	.022	8	25	.60	139	.06	4	2.38	.02	.07	2	350
KC-L4250E 1700N	9	1439	17	89	.5	15	12	645	4.66	10	5	ND	3	20	1	2	2	83	.14	.050	7	26	.69	164	.04	2	2.68	.02	.04	1	605
KC-L4250E 1675N	31	927	12	89	.8	8	11	503	4.76	5	5	ND	3	14	1	2	2	69	.15	.044	9	16	.90	142	.02	2	2.31	.02	.12	1	680
KC-L4250E 1650N	12	4816	16	107	.3	19	9	575	3.16	10	5	ND	2	70	2	2	2	50	1.49	.064	18	29	.62	541	.03	4	2.08	.03	.06	1	255
KC-L4250E 1625N	3	546	12	80	.3	16	9	633	3.45	5	5	ND	3	61	1	2	2	63	.81	.041	11	25	.67	389	.07	3	2.12	.04	.07	2	109
KC-L4250E 1500N	2	30	11	88	.3	13	9	425	3.89	5	8	ND	3	62	1	2	2	86	.33	.016	8	21	.93	178	.11	2	2.37	.03	.09	1	1
KCA-L4250E 2025N	7	132	28	255	.9	29	17	1506	5.10	105	5	ND	4	35	2	2	2	110	.74	.057	18	40	1.19	512	.05	2	2.56	.04	.07	1	1
KCA-L4250E 2000N	6	92	32	272	.4	25	17	1487	5.10	72	5	ND	2	31	3	2	2	113	.77	.055	11	40	1.18	439	.04	2	2.49	.04	.06	1	9
KCA-L4250E 1975N	5	162	28	179	.7	26	15	1136	4.47	78	5	ND	3	40	1	2	2	90	.87	.046	14	40	1.05	405	.05	2	2.38	.04	.06	1	56
KCA-L4250E 1925N	10	751	19	252	1.4	21	14	671	4.30	30	5	ND	5	53	3	2	2	89	1.05	.055	13	32	1.20	279	.09	3	2.33	.04	.11	1	225
KCA-L4250E 1900N	9	812	20	128	.6	19	13	694	4.57	29	5	ND	3	38	2	2	2	87	.82	.068	13	27	.94	318	.07	2	1.71	.04	.09	1	850
KCA-L4250E 1875N	10	1236	20	110	.6	16	11	673	3.91	19	5	ND	2	38	1	2	2	68	.96	.040	13	21	.88	254	.06	2	1.67	.03	.07	1	460
KCA-L4250E 1575N	2	97	9	78	.4	19	9	780	3.45	6	5	ND	2	63	1	2	2	68	.92	.040	14	30	.76	296	.06	2	2.43	.04	.07	1	22
KCA-L4250E 1550N	1	46	10	70	.4	17	8	572	3.28	5	7	ND	4	67	1	2	2	73	.76	.044	12	28	.73	164	.13	2	1.71	.05	.08	1	10
STD C/AU-S	18	63	39	127	7.3	66	27	1014	3.96	37	17	7	38	48	17	18	21	59	.46	.084	36	57	.87	172	.07	38	1.76	.08	.12	12	53
KCA-L4250E 1525N	1	41	9	76	.2	19	10	610	3.80	6	5	ND	3	79	1	2	2	81	.67	.035	9	28	.95	257	.11	2	2.97	.04	.08	1	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4275E 2250N	4	80	23	440	.4	19	14	953	4.95	137	5	ND	1	27	4	2	2	104	.50	.030	6	38	.93	176	.05	2	2.60	.03	.04	1	1
KC-L4275E 2200N	5	67	80	561	1.0	15	12	840	6.23	118	7	ND	3	29	3	2	2	117	.48	.038	6	32	.65	227	.05	3	2.70	.03	.08	1	1
KC-L4275E 2175N	4	212	68	564	2.4	21	14	1700	4.61	120	5	ND	3	56	4	2	2	74	1.84	.094	11	32	.87	182	.03	4	2.81	.04	.06	1	19
KC-L4275E 2150N	4	125	66	570	.7	21	16	1994	5.30	110	11	ND	3	46	6	2	2	90	1.08	.073	7	39	1.02	182	.03	3	3.38	.04	.07	1	8
KC-L4275E 2125N	4	72	105	620	.8	20	12	1107	5.10	110	5	ND	3	29	3	2	2	92	.46	.051	8	35	.86	101	.03	4	3.01	.03	.07	1	3
KC-L4275E 2100N	3	47	28	321	1.0	17	12	1200	4.75	62	5	ND	1	27	3	2	2	94	.49	.048	9	32	.87	154	.06	3	2.44	.03	.03	1	42
KC-L4275E 2075N	5	66	33	381	1.5	19	15	1587	5.87	146	9	ND	3	32	4	2	2	103	.86	.082	11	32	1.02	157	.04	3	2.96	.04	.06	1	12
KC-L4275E 2025N	8	58	25	354	.9	23	14	1983	5.09	100	5	ND	3	18	4	2	2	103	.40	.038	10	34	.77	324	.04	3	3.00	.03	.06	1	11
KC-L4275E 2000N	6	102	23	366	1.3	24	12	943	4.76	70	5	ND	3	30	3	2	2	88	.67	.048	15	31	.79	809	.03	3	3.00	.03	.06	1	5
KC-L4275E 1975N	6	370	19	207	1.8	34	12	1295	4.13	64	22	ND	5	41	3	4	2	74	1.49	.103	37	33	.80	927	.01	3	3.40	.04	.08	1	9
KC-L4275E 1950N	5	69	27	218	1.1	17	10	567	4.39	51	8	ND	2	33	3	2	2	99	.71	.057	7	26	.89	454	.03	2	2.42	.03	.05	1	14
KC-L4275E 1925N	5	127	20	144	.2	18	12	574	4.52	37	5	ND	2	41	1	2	2	89	.66	.020	7	28	.96	279	.07	4	2.21	.03	.04	1	148
KC-L4275E 1900N	7	419	20	263	1.4	21	11	1015	3.79	16	7	ND	3	39	4	2	2	68	1.29	.037	8	28	.82	316	.04	3	2.33	.04	.08	1	63
KC-L4275E 1800N	19	476	12	81	.3	9	9	360	3.68	3	5	ND	3	24	1	2	2	60	.59	.019	7	14	.89	255	.05	2	1.80	.03	.09	2	350
KC-L4275E 1775N	16	468	6	80	.8	5	6	287	2.68	5	5	ND	2	17	1	2	2	46	.40	.023	12	8	.58	237	.03	2	1.70	.03	.06	1	390
KC-L4275E 1750N	58	1601	19	116	1.4	17	18	1215	4.75	13	10	ND	4	31	1	5	2	70	.53	.056	13	25	.71	417	.01	2	2.87	.03	.12	2	105
KC-L4275E 1725N	30	1978	13	85	.9	12	8	324	3.55	8	5	ND	3	36	1	2	2	58	.46	.032	13	19	.50	400	.02	2	2.13	.03	.07	1	122
KC-L4275E 1700N	27	349	11	57	.4	5	4	157	2.98	4	5	ND	1	19	1	2	2	59	.25	.022	8	8	.43	134	.04	3	1.41	.02	.09	2	215
KC-L4275E 1675N	20	570	15	84	.5	12	8	312	5.01	17	5	ND	2	26	1	2	2	78	.23	.026	7	20	.59	164	.04	4	2.20	.02	.06	1	205
KC-L4275E 1650N	18	1134	21	81	1.1	13	9	1185	4.63	17	5	ND	3	22	2	2	2	76	.15	.019	8	17	.70	150	.05	3	2.03	.02	.10	1	320
KC-L4275E 1625N	36	1558	14	87	1.9	15	10	360	5.17	13	5	ND	3	22	1	2	2	70	.16	.079	8	21	.57	77	.07	3	2.45	.02	.05	1	490
KC-L4275E 1600N	43	647	17	69	1.6	4	4	312	4.84	4	5	ND	4	11	1	2	2	65	.04	.060	11	10	.87	213	.03	2	2.64	.02	.23	1	485
KC-L4275E 1500N	5	166	18	108	.4	36	21	1495	5.57	14	5	ND	4	76	1	2	2	86	.71	.071	18	43	1.18	376	.01	2	6.09	.04	.12	1	12
KCA-L4275E 1550N	2	83	11	96	.3	18	8	540	3.44	6	5	ND	2	66	1	2	2	64	.88	.049	9	23	.72	275	.09	3	1.96	.04	.05	1	37
KCA-L4275E 1525N	2	62	9	77	.6	20	10	705	3.73	6	15	ND	4	73	1	3	2	74	.67	.039	12	29	.78	174	.13	5	2.08	.05	.10	2	21
KCA-L4275E 1500N	2	33	8	82	.1	18	10	601	3.98	7	5	ND	3	62	1	2	2	76	.45	.035	9	25	.92	197	.12	5	2.86	.04	.07	1	6
KC-L4300E 2250N	4	51	66	507	1.0	15	20	3379	6.19	118	5	ND	2	33	7	2	2	110	.72	.070	6	27	.81	409	.03	2	2.92	.03	.06	1	3
KC-L4300E 2225N	3	46	17	319	.6	15	11	641	5.15	28	5	ND	1	22	2	2	2	101	.28	.085	5	30	1.00	112	.05	3	2.69	.03	.05	1	5
KC-L4300E 2200N	4	64	71	384	1.8	18	18	1493	7.03	39	5	ND	2	36	3	2	2	124	.42	.067	5	30	1.21	212	.06	2	3.51	.03	.09	1	3
KC-L4300E 2175N	5	450	22	458	7.1	28	12	3006	3.45	147	10	ND	3	54	17	3	2	57	2.12	.160	13	36	.61	255	.02	3	3.47	.04	.07	1	14
KC-L4300E 2150N	5	65	36	278	.8	21	17	992	7.14	45	5	ND	1	29	2	2	2	134	.34	.047	3	33	1.44	73	.05	2	4.51	.03	.06	1	1
KC-L4300E 2125N	3	106	42	237	.8	25	17	855	5.47	96	12	ND	4	39	1	2	2	109	.60	.031	6	38	1.31	94	.08	4	3.69	.04	.06	1	15
STD C/AU-S	20	61	38	135	7.2	68	28	1050	4.11	38	19	8	41	50	18	18	21	57	.48	.087	38	57	.86	171	.07	37	1.84	.08	.13	14	50
KC-L4300E 2100N	4	101	37	547	1.1	27	18	1450	6.10	150	8	ND	4	30	3	2	2	111	.60	.033	9	35	1.07	169	.05	4	4.09	.04	.08	1	13
KC-L4300E 2075N	3	370	32	447	1.3	28	12	1139	4.52	102	5	ND	2	42	7	2	2	80	1.53	.063	13	36	.82	219	.01	2	3.68	.03	.03	1	8
KC-L4300E 2050N	6	58	33	284	.3	21	14	1023	4.93	135	5	ND	2	23	2	2	2	112	.59	.035	6	33	1.15	172	.03	3	2.81	.03	.06	1	12
KC-L4300E 2025N	3	329	26	636	1.6	32	12	1719	4.44	137	17	ND	5	28	12	6	2	69	1.33	.067	31	34	.61	544	.04	2	2.89	.04	.07	1	18

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
KC-L4300E 2000N	5	91	25	158	1.2	23	12	874	4.00	52	6	ND	4	33	1	2	2	80	.82	.030	12	35	.91	506	.04	3	2.51	.04	.06	2	34
KC-L4300E 1950N	8	69	17	102	.7	10	5	294	3.27	23	6	ND	2	29	1	2	2	81	.73	.021	7	18	.48	240	.05	5	1.50	.03	.06	1	32
KC-L4300E 1925N	9	785	19	245	1.3	23	14	1256	3.70	24	5	ND	3	41	4	2	2	60	1.22	.076	14	30	.85	457	.03	7	2.46	.04	.07	1	48
KC-L4300E 1800N	15	1161	15	80	.9	11	7	269	3.31	8	5	ND	4	27	1	4	2	55	.52	.022	10	17	.69	235	.03	3	1.66	.03	.10	3	310
KC-L4300E 1775N	20	1947	13	104	1.2	19	10	493	3.92	17	5	ND	4	36	1	10	2	60	.52	.022	11	23	.79	241	.05	4	1.85	.03	.07	1	390
KC-L4300E 1750N	14	1097	13	102	.5	14	10	433	3.74	8	5	ND	3	43	1	2	2	57	.43	.017	10	17	.72	301	.06	2	1.67	.03	.08	1	720
KC-L4300E 1725N	23	531	12	78	.3	11	7	286	3.30	6	5	ND	1	33	1	2	2	63	.41	.016	9	17	.60	262	.04	5	1.67	.03	.05	1	115
KC-L4300E 1700N	19	551	18	70	1.2	10	7	246	4.57	11	5	ND	4	19	1	4	2	76	.19	.017	7	16	.57	121	.03	6	1.94	.02	.07	2	325
KC-L4300E 1675N	32	581	17	65	1.6	5	5	206	5.13	4	5	ND	6	8	1	5	2	70	.04	.068	10	9	.73	113	.02	3	2.79	.02	.09	1	665
KC-L4300E 1650N	13	167	16	64	1.9	12	6	247	4.39	9	5	ND	4	14	1	2	2	72	.09	.047	9	21	.54	103	.03	3	2.61	.02	.06	1	240
KC-L4300E 1625N	42	335	19	62	3.0	3	4	173	5.05	5	5	ND	6	11	1	4	2	63	.02	.081	11	9	.66	223	.02	5	2.79	.02	.18	1	530
KC-L4300E 1600N	37	399	18	82	2.1	5	5	254	4.81	5	5	ND	5	11	1	2	2	67	.06	.043	10	11	.61	159	.02	2	2.93	.02	.10	2	480
KC-L4300E 1550N	2	69	10	106	.4	19	10	728	3.78	2	5	ND	2	67	1	2	2	70	.66	.048	17	25	.87	309	.04	5	3.42	.04	.09	1	12
KC-L4300E 1525N	3	84	14	103	.7	28	14	1471	4.09	5	5	ND	4	92	1	2	2	69	.77	.060	27	33	1.09	343	.03	3	4.22	.04	.12	2	1
KC-L4300E 1500N	2	22	11	89	.6	15	7	323	3.31	6	5	ND	3	36	1	2	2	68	.23	.026	10	23	.72	159	.08	4	2.22	.03	.08	2	1
KC-L4300E 1475N	2	44	9	98	.4	20	11	781	3.77	8	5	ND	2	83	1	2	2	68	.68	.048	13	26	1.08	316	.04	3	3.69	.04	.09	1	1
KC-L4300E 1450N	2	28	12	108	.3	17	10	441	4.31	6	5	ND	1	68	1	2	2	79	.34	.049	9	25	.96	211	.08	3	3.58	.03	.06	1	3
KC-L4300E 1425N	1	44	16	186	.6	16	9	593	3.63	6	5	ND	2	92	1	2	2	68	.60	.058	17	21	.86	311	.05	4	3.50	.04	.09	1	6
KC-L4300E 1400N	1	26	12	97	.4	13	10	663	3.82	3	5	ND	2	123	1	2	2	82	.73	.029	11	15	1.11	224	.13	3	2.84	.05	.09	1	1
KC-L4300E 1375N	1	24	13	96	.7	13	10	649	3.85	2	5	ND	3	101	1	2	2	85	.74	.032	9	17	1.14	223	.15	7	2.84	.05	.11	1	1
KC-L4300E 1350N	1	24	9	100	.3	16	9	470	3.92	2	5	ND	2	81	1	2	2	81	.54	.044	9	20	.92	238	.11	7	3.12	.04	.08	1	12
KC-L4300E 1325N	1	18	10	112	.3	13	9	632	3.98	2	5	ND	3	70	1	2	2	84	.43	.031	9	18	1.01	192	.16	7	2.79	.04	.09	1	15
KC-L4300E 1300N	2	18	12	118	.3	12	10	497	4.59	5	5	ND	2	68	1	2	2	96	.35	.088	7	14	.97	203	.18	8	2.91	.04	.09	1	6
KCA-L4300E 1975N	7	446	27	159	.9	29	13	1092	3.92	61	5	ND	3	53	1	2	2	68	1.11	.065	13	38	.89	312	.06	5	1.99	.04	.10	1	146
KCA-L4300E 1900N	8	700	19	116	.5	19	11	624	3.82	17	5	ND	2	46	1	2	2	69	.90	.046	13	20	1.01	323	.08	8	2.00	.04	.09	1	290
KCA-L4300E 1875N	12	818	13	112	1.2	13	9	558	3.55	14	5	ND	4	35	1	2	2	57	1.16	.061	14	15	1.03	271	.06	8	2.05	.04	.11	1	315
KCA-L4300E 1850N	16	1190	18	140	1.4	15	17	1182	4.06	25	7	ND	4	29	2	4	2	65	.88	.079	15	19	.88	280	.06	7	1.82	.04	.11	1	575
KCA-L4300E 1825N	12	825	14	96	.5	14	10	558	3.92	13	5	ND	4	28	1	2	2	66	.56	.033	9	20	.99	225	.07	4	1.86	.03	.10	1	780
KCA-L4300E 1575N	2	137	11	88	.7	19	10	684	3.55	6	7	ND	3	81	1	2	2	64	1.18	.053	13	25	.85	308	.07	7	2.54	.05	.09	1	17
KC-L4325E 2300N	3	64	16	383	.6	15	15	761	4.58	37	5	ND	2	34	4	2	2	95	.43	.042	6	30	.55	110	.10	8	2.06	.03	.05	1	8
KC-L4325E 2275N	3	44	63	491	.9	13	15	1204	5.58	67	5	ND	2	31	4	2	2	110	.59	.064	5	27	.81	226	.02	2	2.56	.03	.10	1	2
KC-L4325E 2250N	4	49	59	645	.8	18	18	2496	6.54	50	5	ND	2	36	6	2	2	101	.57	.090	8	28	1.26	955	.03	2	3.33	.04	.07	1	1
KC-L4325E 2225N	3	57	34	313	1.0	16	15	1005	6.70	42	5	ND	2	39	4	2	2	135	.50	.090	6	28	1.10	157	.06	3	2.93	.04	.09	1	1
KC-L4325E 2200N	3	38	37	282	.4	14	16	1701	4.99	14	5	ND	1	43	4	2	2	106	.53	.077	5	24	.81	361	.06	4	2.30	.04	.07	1	2
STD C/AU-S	18	60	39	130	7.3	66	27	1010	3.98	42	21	7	39	48	18	16	21	55	.47	.085	37	58	.87	174	.07	38	1.77	.08	.15	13	50
KC-L4325E 2175N	2	38	27	312	1.1	18	12	824	5.19	34	5	ND	4	29	2	2	2	99	.37	.046	9	31	.92	146	.05	2	2.80	.03	.11	1	2
KC-L4325E 2150N	3	41	28	311	.7	17	15	920	5.94	65	5	ND	1	29	2	2	2	130	.50	.068	4	38	1.30	179	.05	2	3.14	.03	.08	1	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4325E 2125N	2	59	27	227	.7	19	19	1061	5.81	35	5	ND	1	36	1	4	2	123	.77	.043	4	38	1.44	82	.05	2	3.61	.03	.02	1	1
KC-L4325E 2100N	4	128	38	322	.3	22	16	1441	4.64	112	5	ND	1	43	3	5	2	94	1.31	.050	7	35	1.06	157	.03	2	2.77	.04	.04	2	3
KC-L4325E 2075N	4	232	36	304	1.6	28	15	1496	4.59	128	5	ND	2	48	3	3	2	91	1.27	.064	11	42	.96	207	.03	2	2.83	.03	.05	1	6
KC-L4325E 2025N	3	47	22	181	.1	18	10	494	4.00	51	5	ND	1	28	2	2	2	78	.81	.028	9	26	.70	295	.05	2	2.33	.03	.02	2	1
KC-L4325E 2000N	6	47	20	118	.2	15	8	325	4.25	42	5	ND	2	25	1	2	2	95	.46	.022	7	24	.68	240	.05	2	2.18	.03	.03	3	3
KC-L4325E 1950N	7	362	18	156	.4	20	10	456	3.85	20	5	ND	2	32	1	3	2	72	.61	.021	10	27	.84	388	.04	2	2.49	.03	.03	1	48
KC-L4325E 1850N	13	487	18	104	.5	17	9	570	3.83	21	6	ND	3	27	1	6	2	71	.51	.021	8	24	.74	261	.04	2	2.04	.03	.05	1	169
KC-L4325E 1825N	18	773	13	87	.4	12	9	341	3.63	5	5	ND	2	21	1	4	2	65	.31	.016	8	19	.81	260	.03	2	2.20	.02	.04	1	250
KC-L4325E 1800N	15	693	16	87	.1	17	9	378	3.46	9	5	ND	2	28	1	4	2	58	.36	.019	9	24	.73	226	.05	2	1.86	.03	.05	2	94
KC-L4325E 1775N	21	1227	12	78	.3	11	7	299	3.13	12	5	ND	1	34	1	5	2	62	.60	.019	11	21	.48	367	.03	2	1.54	.03	.05	2	112
KC-L4325E 1750N	29	1859	18	113	.6	19	10	654	3.85	19	6	ND	3	38	1	9	2	65	.63	.028	13	24	.77	320	.04	2	2.11	.03	.07	1	138
KC-L4325E 1725N	24	729	16	81	.1	13	7	309	4.26	9	5	ND	2	27	1	6	2	71	.30	.014	7	19	.58	208	.04	2	1.57	.02	.03	2	315
KC-L4325E 1700N	16	476	13	79	.6	16	8	289	4.39	13	5	ND	2	17	1	3	2	67	.13	.033	9	24	.69	123	.04	2	2.97	.02	.05	1	280
KC-L4325E 1675N	25	529	16	77	1.4	9	8	284	5.24	8	5	ND	4	15	1	7	2	70	.10	.059	8	16	.68	140	.03	2	2.84	.02	.07	1	410
KC-L4325E 1650N	31	841	17	78	1.7	9	8	281	5.27	12	5	ND	4	12	1	4	2	67	.09	.066	9	15	.71	98	.02	2	2.94	.02	.09	2	535
KC-L4325E 1625N	48	362	19	61	1.7	5	5	191	5.59	7	5	ND	4	11	1	7	2	59	.09	.090	8	10	.64	175	.02	2	2.54	.02	.13	3	740
KC-L4325E 1600N	19	449	16	77	1.6	19	11	340	5.00	12	5	ND	3	15	1	3	2	72	.09	.036	8	25	.76	125	.04	2	3.20	.02	.04	1	265
KC-L4325E 1550N	2	31	13	65	.1	8	4	256	2.72	7	5	ND	1	45	1	2	2	62	.32	.027	10	18	.39	125	.06	2	1.46	.02	.06	1	6
KC-L4325E 1525N	1	18	10	76	.4	11	6	283	2.82	3	5	ND	2	48	1	2	2	62	.33	.022	8	16	.60	132	.11	2	1.59	.03	.05	1	5
KC-L4325E 1500N	2	29	11	83	.4	16	8	475	3.46	11	11	ND	3	58	1	2	2	74	.39	.015	9	24	.83	130	.09	2	1.98	.03	.06	1	3
KC-L4325E 1475N	2	30	9	91	.1	17	9	512	3.81	4	5	ND	2	72	1	2	2	75	.47	.031	9	25	.91	184	.09	2	2.42	.04	.05	1	3
KC-L4325E 1450N	2	28	13	106	.3	16	9	519	4.11	4	5	ND	3	66	1	2	2	80	.39	.038	10	27	.90	190	.09	2	2.77	.03	.06	1	11
KC-L4325E 1425N	2	33	12	115	.2	17	11	703	4.15	6	5	ND	2	78	1	2	2	81	.56	.044	10	23	1.09	188	.10	2	3.08	.04	.07	1	6
KC-L4325E 1400N	2	30	11	84	.2	15	9	521	3.59	3	5	ND	1	107	1	2	2	72	.66	.038	11	18	.99	243	.11	2	3.21	.04	.06	1	1
KC-L4325E 1375N	2	37	15	124	.6	16	12	1238	3.76	6	5	ND	3	87	1	2	2	73	.74	.071	18	24	.87	241	.05	8	3.35	.03	.13	1	1
KC-L4325E 1350N	1	25	10	115	.2	15	10	699	3.81	3	5	ND	3	63	1	2	2	74	.46	.037	13	20	1.00	152	.09	3	2.75	.04	.08	1	1
KC-L4325E 1325N	1	24	12	128	.6	13	10	1038	4.00	2	5	ND	1	68	1	2	2	76	.48	.065	10	19	.86	265	.08	2	2.89	.03	.08	1	2
KC-L4325E 1300N	1	27	9	95	.4	20	9	491	3.70	2	9	ND	2	68	1	2	2	70	.48	.045	9	25	.93	182	.10	3	2.85	.04	.07	2	2
KCA-L4325E 2050N	3	228	27	235	2.0	26	13	1076	4.19	158	5	ND	3	45	2	5	2	83	1.41	.061	17	39	1.01	212	.04	3	2.53	.05	.05	1	1
KCA-L4325E 2000N	4	120	30	145	.4	21	12	1048	3.90	67	5	ND	3	39	1	2	2	71	.79	.030	11	31	.91	349	.06	2	2.17	.04	.05	1	1
KCA-L4325E 1975N	7	184	21	197	1.1	18	11	1249	3.47	53	5	ND	1	52	3	5	2	59	1.94	.089	10	26	.75	466	.03	2	2.00	.03	.04	1	41
KCA-L4325E 1925N	14	452	17	118	.5	22	12	910	3.87	29	5	ND	3	47	1	2	2	65	1.06	.055	11	28	.91	341	.06	2	2.09	.04	.07	2	73
KCA-L4325E 1900N	9	467	13	115	.8	14	9	677	3.50	13	5	ND	2	42	1	3	2	63	1.16	.062	10	21	.93	299	.06	2	1.87	.04	.08	1	425
KCA-L4325E 1875N	16	1035	18	114	.6	19	13	1066	3.65	14	9	ND	3	46	2	4	2	61	1.10	.056	13	21	.77	306	.06	2	1.75	.04	.09	1	380
KC-L4350E 2275N	3	41	53	713	.8	11	12	1515	5.15	214	5	ND	1	36	7	6	2	100	.63	.059	5	24	.58	423	.02	2	2.19	.03	.06	1	10
KC-L4350E 2250N	4	44	84	385	.6	13	15	1638	5.88	799	5	ND	1	32	8	5	2	98	.51	.076	6	26	.70	304	.03	2	2.29	.03	.06	1	4
STD C/AU-S	18	57	36	132	7.0	67	28	1028	3.97	37	16	7	38	49	17	18	20	55	.47	.084	36	57	.83	174	.08	33	1.79	.08	.12	12	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4350E 2225N	3	34	15	192	.4	13	9	460	4.17	31	5	ND	1	28	2	2	3	90	.31	.043	8	30	.62	142	.09	2	1.96	.03	.07	1	4
KC-L4350E 2200N	2	44	22	227	.1	16	11	662	4.94	40	5	ND	1	43	2	2	2	100	.47	.080	8	33	.81	116	.10	2	2.30	.03	.06	1	17
KC-L4350E 2175N	2	28	45	276	.9	11	11	670	5.00	50	5	ND	1	25	2	2	2	143	.31	.059	7	30	.66	154	.06	2	2.43	.03	.09	1	2
KC-L4350E 2125N	2	72	36	309	.5	18	23	1346	5.60	34	5	ND	1	60	3	2	2	117	1.09	.064	5	34	1.29	120	.05	2	3.37	.04	.12	1	10
KC-L4350E 2100N	2	96	24	249	.1	23	22	1373	5.92	37	5	ND	1	42	2	2	2	130	.79	.056	4	37	1.95	86	.16	2	3.61	.05	.10	1	3
KC-L4350E 1900N	18	65	10	97	.3	6	4	170	2.76	8	5	ND	3	26	1	2	2	98	.35	.013	8	14	.42	231	.07	2	1.40	.03	.05	1	205
KC-L4350E 1850N	15	77	13	92	.4	14	6	269	3.85	27	5	ND	3	26	1	3	2	90	.54	.013	8	25	.58	172	.06	2	1.77	.03	.07	1	77
KC-L4350E 1825N	16	104	10	48	.1	4	4	136	2.87	2	5	ND	1	12	1	2	2	59	.12	.012	8	13	.18	123	.03	2	1.01	.01	.06	1	415
KC-L4350E 1800N	45	3766	15	124	1.0	19	18	1129	3.49	4	5	ND	1	82	2	2	2	45	2.05	.095	33	24	.62	986	.01	2	2.97	.03	.09	1	107
KC-L4350E 1775N	24	1441	13	105	1.0	17	12	654	4.23	7	5	ND	2	31	1	2	2	71	.54	.041	14	26	.82	459	.03	2	2.72	.03	.13	1	255
KC-L4350E 1750N	21	1355	28	86	.5	10	8	340	3.88	7	5	ND	1	34	1	2	2	67	.58	.026	12	18	.56	454	.02	2	2.07	.03	.08	1	320
KC-L4350E 1725N	57	307	12	75	1.3	6	6	245	4.18	7	5	ND	4	18	1	5	2	76	.17	.038	12	12	.70	123	.04	2	1.93	.02	.14	1	625
KC-L4350E 1700N	25	1098	11	79	.6	9	6	265	3.66	3	5	ND	3	23	1	2	2	69	.23	.020	11	15	.90	232	.04	2	2.60	.03	.10	1	405
KC-L4350E 1675N	40	1198	17	87	.9	13	11	421	5.34	9	5	ND	6	15	1	6	2	67	.12	.074	11	21	.73	115	.03	3	2.86	.02	.13	1	645
KC-L4350E 1650N	50	1821	17	61	1.8	6	7	304	4.56	6	5	ND	3	11	1	2	2	63	.13	.070	12	11	.60	127	.02	2	2.75	.02	.11	1	655
KC-L4350E 1625N	57	996	18	78	1.2	6	6	254	6.49	5	5	ND	5	13	1	2	2	69	.05	.098	13	13	.72	183	.02	2	3.78	.02	.11	2	540
KC-L4350E 1600N	29	1522	17	88	.5	13	17	565	4.94	3	5	ND	4	14	1	2	2	74	.08	.073	11	23	.63	170	.03	2	3.51	.02	.09	1	325
KC-L4350E 1575N	11	2315	17	116	.5	15	18	1194	4.04	10	5	ND	2	39	1	2	2	71	.45	.048	11	25	.63	356	.04	2	2.02	.03	.12	1	224
KC-L4350E 1550N	3	142	12	83	.6	16	7	832	3.36	4	5	ND	2	75	1	2	2	68	.77	.042	12	25	.64	207	.08	2	2.15	.04	.09	1	17
KC-L4350E 1525N	4	29	10	95	.1	14	8	489	3.96	5	5	ND	1	36	1	2	2	87	.18	.046	9	22	.70	143	.12	2	2.27	.03	.08	1	1
KC-L4350E 1500N	3	39	11	94	.3	13	8	609	3.62	7	5	ND	1	66	1	2	2	81	.54	.037	11	22	.69	183	.06	2	2.52	.04	.09	1	9
KC-L4350E 1475N	2	20	8	94	.8	10	6	324	3.37	2	5	ND	3	40	1	2	2	74	.27	.031	9	21	.61	115	.12	2	1.82	.03	.10	1	12
KC-L4350E 1450N	1	19	10	101	.4	14	8	406	3.79	2	5	ND	2	63	1	2	2	75	.31	.059	9	19	.83	171	.15	3	2.83	.04	.09	1	6
KC-L4350E 1425N	2	24	8	106	.8	15	8	407	3.86	2	5	ND	3	60	1	2	2	77	.33	.044	11	22	.81	140	.13	2	2.55	.03	.10	1	5
KC-L4350E 1400N	3	83	11	109	.1	10	8	657	3.70	2	5	ND	2	70	1	2	2	82	.51	.026	13	15	.78	172	.13	3	2.48	.04	.07	1	19
KC-L4350E 1375N	1	25	9	91	.2	16	9	433	3.36	5	5	ND	3	81	1	2	2	72	.55	.026	10	21	.89	169	.14	3	2.48	.05	.07	1	23
KC-L4350E 1350N	1	24	9	87	.7	18	9	1011	3.24	2	5	ND	3	75	1	2	2	65	.50	.035	12	25	.87	228	.11	2	2.83	.04	.12	1	3
KC-L4350E 1325N	1	24	4	76	.4	17	9	371	3.72	2	5	ND	2	70	1	2	2	70	.43	.134	8	24	.71	173	.13	3	3.45	.04	.10	1	2
KC-L4350E 1300N	2	27	14	94	.3	17	9	418	4.27	3	5	ND	3	48	1	2	2	81	.31	.087	10	26	.74	163	.10	2	2.94	.03	.11	1	7
KCA-L4350E 2075N	6	247	88	503	2.3	24	18	2554	5.43	169	5	ND	1	58	4	2	2	100	1.60	.084	12	41	1.18	206	.04	2	3.33	.04	.08	1	4
KCA-L4350E 2050N	4	244	21	231	1.5	28	12	1331	4.17	113	5	ND	2	50	3	2	2	89	1.68	.066	14	39	.95	240	.03	4	2.65	.04	.09	1	995
KCA-L4350E 2025N	7	199	23	197	1.0	27	16	2524	4.65	178	5	ND	4	50	2	5	2	92	1.07	.058	15	35	1.07	259	.08	2	2.42	.05	.12	1	31
KCA-L4350E 2000N	3	160	20	126	.5	22	14	733	3.83	47	5	ND	3	53	1	2	2	85	1.09	.055	11	38	1.07	245	.10	3	2.31	.05	.07	2	81
KCA-L4350E 1975N	66	348	18	138	.9	23	13	719	5.04	74	5	ND	4	47	1	2	2	95	.95	.055	13	43	1.11	350	.10	2	2.27	.05	.09	1	79
KCA-L4350E 1950N	13	451	21	157	.4	24	17	1307	4.09	42	5	ND	3	60	1	2	2	83	1.04	.065	12	32	1.05	309	.11	2	2.24	.05	.11	1	395
KCA-L4350E 1925N	12	578	21	130	.5	22	11	452	3.86	21	5	ND	3	49	1	2	2	73	.87	.066	14	30	.92	296	.08	2	2.09	.04	.11	1	207
STD C/AU-S	19	58	39	132	7.5	69	27	1041	4.01	38	18	6	39	51	18	18	21	57	.48	.087	38	59	.84	179	.08	37	1.82	.08	.15	13	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KCA-L4350E 1875N	78	894	16	95	.7	12	9	461	4.74	15	5	ND	6	57	1	6	2	52	.90	.078	15	13	.80	267	.03	5	1.87	.04	.12	2	275
KCA-L4350E 1525N	2	71	11	69	.4	18	10	654	3.58	7	5	ND	4	61	1	2	2	75	.46	.050	11	24	.63	170	.15	7	2.02	.04	.05	1	38
KC-L4375E 2300E	2	87	27	362	.6	24	25	1111	5.12	75	5	ND	3	34	4	2	2	104	.41	.052	7	32	.68	127	.09	3	3.33	.04	.05	2	4
KC-L4375E 2275N	2	88	55	745	.4	17	15	868	5.52	111	5	ND	1	43	5	2	2	95	.61	.077	7	26	.69	172	.05	2	2.67	.04	.04	2	1
KC-L4375E 2250N	2	37	39	502	.8	16	16	820	5.74	53	5	ND	3	41	5	2	2	129	.62	.044	6	36	.97	275	.06	2	2.89	.04	.07	3	9
KC-L4375E 2225N	3	68	30	327	.3	19	13	1008	5.20	73	5	ND	2	37	6	2	2	98	.36	.063	7	28	.82	148	.07	3	2.76	.04	.04	1	4
KC-L4375E 2200N	2	41	14	205	.3	13	12	1330	3.73	27	5	ND	1	44	7	2	2	84	.42	.069	9	22	.55	170	.07	4	1.74	.03	.06	2	21
KC-L4375E 2175N	2	39	15	186	.6	16	9	400	4.89	50	5	ND	3	30	2	2	2	113	.31	.067	9	32	.68	82	.10	2	2.21	.03	.06	2	7
KC-L4375E 2150N	2	36	31	411	.7	17	15	1632	6.16	55	6	ND	3	26	4	2	2	132	.39	.076	9	38	.91	219	.07	2	2.85	.03	.06	2	24
KC-L4375E 2125N	2	55	36	444	.9	21	16	1477	4.93	79	5	ND	2	30	4	2	2	113	.73	.045	8	39	.94	150	.04	2	3.02	.03	.06	2	5
KC-L4375E 2100N	4	76	104	439	.9	21	23	3423	5.14	157	5	ND	2	38	5	5	2	103	.93	.060	8	35	.83	181	.04	2	2.80	.04	.07	1	3
KC-L4375E 2075N	2	45	25	273	.9	15	16	1032	5.35	29	5	ND	3	41	8	2	2	129	.59	.049	5	31	.95	149	.06	2	2.86	.04	.09	2	1
KC-L4375E 2050N	3	146	56	452	1.1	22	16	1579	5.12	117	6	ND	4	61	3	5	2	104	1.61	.051	8	37	1.23	186	.05	2	3.31	.04	.07	1	14
KC-L4375E 1900N	9	387	13	151	.4	18	9	622	3.64	15	5	ND	2	39	1	2	2	72	.77	.031	12	26	.84	420	.05	2	2.51	.04	.04	1	16
KC-L4375E 1875N	11	160	15	104	.5	13	7	285	3.25	16	10	ND	3	34	1	2	2	80	.38	.023	9	21	.49	324	.04	2	1.69	.03	.07	2	52
KC-L4375E 1825N	29	500	16	75	.6	9	8	266	3.11	8	5	ND	3	31	1	2	2	59	.81	.034	13	17	.51	556	.02	2	1.96	.03	.06	1	182
KC-L4375E 1800N	31	1319	12	94	1.0	14	10	500	3.67	9	8	ND	4	29	1	5	2	64	.68	.038	12	19	1.02	338	.03	2	2.70	.03	.11	1	675
KC-L4375E 1775N	40	1112	16	97	1.0	12	12	534	3.98	8	5	ND	1	36	1	2	2	77	.47	.043	12	19	.68	1416	.02	2	2.36	.03	.10	1	260
KC-L4375E 1750N	29	887	15	98	1.1	12	8	381	3.91	7	5	ND	3	25	1	3	2	70	.34	.033	11	19	.62	285	.02	2	2.11	.03	.09	2	305
KC-L4375E 1725N	26	281	12	72	.7	6	5	196	3.42	6	5	ND	2	24	1	2	2	66	.25	.022	10	15	.51	143	.03	3	1.68	.03	.06	1	305
KC-L4375E 1700N	43	514	13	69	.6	7	7	248	4.15	9	5	ND	1	19	1	2	2	79	.16	.034	10	16	.52	188	.03	2	1.77	.02	.06	1	345
KC-L4375E 1675N	39	732	15	74	1.3	8	7	282	5.41	6	5	ND	4	13	1	4	2	65	.11	.059	10	13	.72	132	.02	2	2.47	.02	.10	1	485
KC-L4375E 1650N	46	1841	14	70	.7	6	9	594	4.21	3	5	ND	4	20	1	2	2	64	.29	.075	13	11	.75	318	.02	3	2.41	.03	.13	2	625
KC-L4375E 1625N	60	1029	17	85	1.0	14	8	371	5.39	12	7	ND	3	23	1	3	2	93	.21	.039	10	23	.77	111	.03	2	2.83	.02	.08	1	275
KC-L4375E 1600N	16	869	13	93	.5	15	11	421	4.38	9	5	ND	2	28	1	2	2	82	.19	.028	9	25	.64	151	.06	2	2.37	.03	.06	1	142
KC-L4375E 1525N	1	34	9	83	.7	16	8	416	3.43	5	7	ND	2	46	1	2	2	73	.35	.044	9	26	.73	134	.13	5	2.21	.04	.04	1	24
KC-L4375E 1500N	2	38	15	97	.7	14	10	558	3.50	6	5	ND	1	53	1	2	3	70	.39	.062	12	24	.66	197	.05	2	2.44	.03	.06	1	5
KC-L4375E 1475N	2	35	15	113	.9	19	9	412	4.36	6	8	ND	3	46	1	4	2	84	.27	.066	10	29	.77	168	.11	5	3.29	.03	.10	2	15
KC-L4375E 1450N	1	36	11	101	.5	21	11	450	4.33	13	5	ND	3	65	1	2	2	81	.39	.060	11	28	.95	212	.12	5	3.79	.04	.07	1	12
KC-L4375E 1425N	1	26	11	123	.9	16	9	424	4.50	17	5	ND	4	52	1	2	2	83	.28	.064	11	24	.86	153	.12	6	3.42	.04	.09	3	9
KC-L4375E 1400N	1	32	10	89	.1	20	11	462	4.23	10	5	ND	3	85	1	2	2	80	.54	.085	10	25	.94	243	.13	2	3.83	.05	.07	1	2
KC-L4375E 1375N	1	20	8	100	.5	16	10	452	4.31	7	5	ND	2	72	1	2	2	81	.43	.089	10	23	.92	186	.16	2	3.15	.04	.07	1	1
KC-L4375E 1350N	1	23	8	113	.7	17	10	452	4.14	3	10	ND	4	83	1	2	2	78	.57	.091	10	24	.89	156	.15	2	2.82	.04	.09	1	3
KC-L4375E 1325N	1	24	11	99	.6	17	10	432	4.36	2	5	ND	2	62	1	2	2	84	.36	.080	10	21	.83	173	.13	2	3.44	.04	.07	1	1
KC-L4375E 1300N	1	25	10	93	.4	17	10	637	3.81	4	5	ND	2	78	1	2	2	76	.47	.040	10	23	.96	181	.10	3	2.89	.04	.08	1	19
KCA-L4375E 2025N	5	186	44	283	1.1	24	17	1840	4.80	124	5	ND	2	51	4	2	2	90	1.13	.062	11	36	1.00	213	.06	2	2.52	.04	.06	1	35
STD C/AU-S	18	57	37	132	7.0	68	28	1047	4.00	42	18	7	39	51	18	16	21	57	.48	.088	38	60	.84	181	.08	35	1.81	.08	.13	11	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KCA-L4375E 2000N	6	177	37	231	1.0	26	15	2190	4.27	102	5	ND	3	42	3	2	2	75	1.10	.063	13	31	.94	269	.05	2	2.24	.04	.07	1	21
KCA-L4375E 1975N	5	349	18	140	1.0	23	13	779	4.08	65	5	ND	4	51	1	2	2	74	1.06	.062	14	32	1.01	254	.09	2	2.29	.04	.09	2	121
KCA-L4375E 1950N	9	296	17	123	.9	20	11	1104	3.62	38	5	ND	2	49	1	2	2	68	1.33	.048	10	28	.87	316	.07	4	2.03	.04	.06	1	72
KCA-L4375E 1925N	7	327	10	96	1.4	17	9	684	3.58	30	5	ND	4	41	1	2	2	66	1.15	.059	11	22	.93	316	.09	3	1.91	.04	.08	2	212
KCA-L4375E 1850N	12	475	12	97	.6	10	9	509	3.78	19	5	ND	3	32	1	2	2	64	.87	.081	11	17	.85	198	.07	2	1.68	.04	.09	1	340
KCA-L4375E 1575N	13	1314	12	91	.6	16	15	671	4.05	10	5	ND	3	31	1	2	2	71	.26	.024	10	26	.67	135	.08	2	1.80	.03	.06	1	245
KCA-L4375E 1550N	5	175	9	73	.6	17	9	553	3.16	2	5	ND	2	75	1	2	2	64	.81	.042	10	24	.71	206	.12	2	1.84	.05	.06	1	45
KC-L4400E 2300N	3	66	20	456	.5	19	15	904	5.68	53	5	ND	1	28	4	2	2	118	.30	.050	6	34	1.31	90	.07	2	3.38	.03	.06	1	1
KC-L4400E 2275N	3	70	46	509	.8	19	17	1031	6.99	58	5	ND	3	40	3	2	2	130	.63	.059	5	32	1.60	292	.05	2	4.03	.04	.08	3	2
KC-L4400E 2250N	3	74	351	700	.7	15	22	1519	7.14	696	5	ND	2	38	4	3	2	95	.73	.123	7	26	.87	124	.02	4	2.92	.03	.08	1	1
KC-L4400E 2225N	3	58	27	280	.6	18	10	576	5.02	61	5	ND	2	33	4	2	2	94	.35	.042	7	33	.86	150	.08	2	2.51	.03	.06	1	5
KC-L4400E 2200N	2	52	17	205	.7	18	11	438	4.84	49	6	ND	3	31	1	2	2	97	.29	.044	8	32	.86	82	.10	2	2.46	.03	.06	1	2
KC-L4400E 2175N	3	37	23	392	.8	15	16	1393	5.17	44	5	ND	2	25	4	2	2	103	.28	.075	8	33	.72	168	.08	2	2.33	.03	.06	3	8
KC-L4400E 2150N	3	51	23	242	.6	21	13	688	4.80	49	5	ND	2	33	1	2	2	101	.50	.026	7	37	1.01	124	.07	2	2.54	.03	.07	1	6
KC-L4400E 2125N	4	55	74	345	1.1	20	16	2089	6.41	208	5	ND	2	29	3	2	2	120	.58	.062	9	35	.84	227	.05	3	3.25	.03	.07	1	3
KC-L4400E 2100N	3	80	89	449	.9	27	17	1721	5.56	386	5	ND	2	32	2	2	2	92	.57	.045	8	38	.96	419	.04	2	3.35	.03	.09	1	14
KC-L4400E 2075N	3	57	26	206	.4	18	19	918	5.21	43	5	ND	1	43	1	2	2	109	.92	.037	3	32	1.30	135	.05	2	3.27	.04	.06	1	3
KC-L4400E 2025N	5	219	58	387	3.2	22	18	1754	4.98	133	5	ND	3	49	5	2	2	97	.94	.079	12	39	1.04	233	.04	2	3.40	.04	.08	1	19
KC-L4400E 2000N	3	147	27	262	.9	15	8	426	3.58	63	5	ND	1	56	3	2	2	66	2.05	.028	8	28	.53	244	.03	3	2.08	.03	.04	1	26
KC-L4400E 1900N	8	125	18	144	.6	11	9	490	3.38	10	5	ND	3	25	1	2	2	70	.48	.022	8	19	.78	225	.06	3	1.92	.03	.07	1	255
KC-L4400E 1875N	17	183	14	107	.8	13	7	254	3.20	10	5	ND	2	28	1	2	2	64	.26	.035	8	21	.63	387	.03	2	1.87	.02	.08	1	151
KC-L4400E 1850N	14	557	12	138	.6	16	10	436	3.99	15	5	ND	3	35	1	2	2	65	.72	.022	9	19	.83	323	.03	2	2.50	.03	.07	1	142
KC-L4400E 1825N	16	1367	14	147	.8	18	13	886	3.97	13	5	ND	3	42	3	4	2	56	1.24	.064	13	25	.65	443	.02	2	2.28	.03	.08	1	117
KC-L4400E 1800N	30	882	11	78	.7	10	7	232	3.78	5	7	ND	2	26	1	2	2	61	.41	.050	15	20	.46	480	.01	2	2.21	.03	.08	1	335
KC-L4400E 1775N	31	388	13	70	.7	7	7	221	3.58	7	7	ND	3	21	1	2	2	66	.30	.023	9	13	.56	234	.03	2	1.71	.02	.10	1	425
KC-L4400E 1750N	27	423	9	69	.6	8	6	310	3.49	3	5	ND	2	22	1	2	2	68	.26	.015	9	15	.55	171	.04	2	1.61	.02	.07	1	250
KC-L4400E 1725N	67	626	17	93	.8	10	8	253	5.04	7	5	ND	3	18	1	2	2	75	.17	.061	10	17	.70	138	.02	2	2.41	.02	.07	1	360
KC-L4400E 1700N	53	1620	12	111	.8	11	9	503	4.51	8	5	ND	4	29	1	2	2	72	.39	.036	13	17	.85	523	.04	4	2.22	.03	.14	1	390
KC-L4400E 1675N	79	2942	18	101	1.0	13	14	628	5.53	8	5	ND	3	31	1	4	2	63	.40	.060	14	20	.84	360	.02	2	2.58	.03	.13	1	445
KC-L4400E 1650N	40	1665	18	91	.7	11	9	349	4.59	10	5	ND	4	29	1	4	2	72	.33	.029	11	21	.81	382	.02	2	2.45	.03	.11	1	455
KC-L4400E 1625N	37	620	16	78	.7	10	7	280	4.81	8	5	ND	3	19	1	2	2	81	.15	.037	9	19	.66	152	.03	2	2.36	.02	.08	1	305
KC-L4400E 1600N	47	1616	12	91	.7	12	9	429	4.74	2	5	ND	3	24	1	2	2	72	.23	.035	11	20	.70	238	.03	3	2.44	.02	.08	1	370
KC-L4400E 1575N	28	984	11	97	.8	19	10	413	4.97	12	5	ND	3	38	1	2	2	80	.29	.033	10	27	.74	283	.05	3	2.69	.03	.10	2	104
KC-L4400E 1525N	5	89	10	77	.4	14	7	334	3.73	6	5	ND	2	37	1	2	2	75	.25	.033	7	25	.56	106	.11	3	1.86	.02	.06	2	27
KC-L4400E 1500N	2	43	15	89	.5	20	9	409	3.98	12	5	ND	3	41	1	2	2	78	.29	.022	9	34	.89	133	.09	4	2.44	.03	.07	1	9
KC-L4400E 1475N	3	206	10	93	.6	18	10	485	4.03	5	5	ND	3	63	1	2	2	77	.44	.033	10	29	.82	306	.09	2	2.79	.03	.07	1	7
STD C/AU-S	18	58	38	133	7.5	68	28	1035	4.00	37	20	7	39	50	18	17	22	56	.48	.084	37	59	.84	176	.08	38	1.81	.08	.13	13	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4400E 1450N	1	41	9	120	.1	19	10	548	4.17	2	5	ND	1	69	1	2	2	78	.43	.057	9	26	.98	266	.09	3	3.83	.04	.09	1	5
KC-L4400E 1425N	1	30	7	132	.1	19	10	549	4.44	5	5	ND	2	54	1	2	2	82	.37	.077	9	26	.97	200	.12	2	3.50	.04	.08	1	8
KC-L4400E 1400N	1	29	8	114	.3	17	9	596	4.01	4	5	ND	3	67	1	2	2	80	.42	.049	10	25	.92	263	.14	2	3.28	.04	.09	1	2
KC-L4400E 1375N	1	30	6	81	.1	18	9	503	3.58	2	5	ND	2	63	1	2	2	68	.46	.053	10	23	.79	197	.13	2	2.69	.04	.08	1	1
KC-L4400E 1350N	1	19	9	147	.3	11	8	501	4.91	2	5	ND	2	48	1	2	2	88	.30	.099	12	22	.72	144	.17	3	2.61	.04	.07	1	1
KC-L4400E 1325N	3	470	15	116	.8	24	13	1047	4.94	9	5	ND	3	81	1	2	2	90	.62	.080	13	35	.97	686	.03	2	4.57	.04	.15	1	8
KC-L4400E 1300N	1	24	9	109	.4	16	11	572	4.11	2	5	ND	2	81	1	2	2	84	.49	.053	10	23	1.02	190	.14	5	3.28	.04	.10	1	1
KCA-L4400E 2050N	2	296	68	360	1.9	23	18	680	4.70	82	5	ND	1	62	3	4	2	115	1.88	.094	10	55	1.46	166	.08	2	3.47	.05	.07	1	16
KCA-L4400E 1975N	3	495	21	155	.8	27	15	919	4.25	49	5	ND	3	60	2	2	2	80	1.57	.035	19	30	1.04	342	.07	3	2.59	.04	.08	1	82
KCA-L4400E 1950N	5	412	23	185	.7	23	15	725	3.61	37	5	ND	3	53	1	2	2	100	1.29	.080	13	36	1.26	368	.09	3	2.56	.05	.07	1	172
KCA-L4400E 1925N	7	391	21	146	.5	21	12	887	4.17	40	5	ND	2	50	1	2	2	76	1.38	.075	12	32	.98	390	.07	3	2.41	.04	.07	1	12
KCA-L4400E 1550N	7	368	11	89	.4	30	12	825	3.94	4	5	ND	4	71	1	2	2	72	.95	.076	14	67	1.14	348	.08	3	3.38	.04	.12	1	2
KC-L4425E 2300N	2	42	34	302	.9	13	11	799	6.07	41	5	ND	1	24	2	2	2	99	.25	.066	11	30	.66	154	.07	3	2.81	.03	.07	1	15
KC-L4425E 2275N	2	48	12	242	.3	17	14	1199	4.90	27	5	ND	1	28	1	2	2	108	.36	.051	7	27	1.03	129	.09	3	2.65	.03	.05	1	26
KC-L4425E 2250N	1	48	22	257	1.2	14	9	496	4.70	65	5	ND	1	31	2	2	2	97	.34	.045	7	33	.71	144	.09	2	2.11	.03	.07	1	2
KC-L4425E 2225N	1	30	15	191	.3	11	8	612	3.80	29	5	ND	1	35	3	2	2	89	.48	.048	8	25	.49	154	.09	2	1.48	.03	.07	1	1
KC-L4425E 2200N	1	22	12	206	.3	8	6	599	2.90	18	5	ND	2	34	5	2	2	65	.38	.062	9	18	.29	127	.06	2	1.18	.03	.07	1	1
KC-L4425E 2175N	2	42	13	165	.2	16	10	524	4.71	45	5	ND	1	31	2	2	2	104	.34	.046	8	32	.68	134	.10	2	2.03	.03	.06	1	6
KC-L4425E 2150N	2	40	33	219	.9	16	12	710	5.72	56	5	ND	2	29	2	2	2	138	.50	.072	6	32	1.02	93	.06	3	2.79	.03	.09	1	24
KC-L4425E 2125N	3	50	48	279	.2	16	15	1325	5.68	83	5	ND	1	44	2	2	2	129	.51	.055	7	35	.83	749	.08	2	2.74	.03	.07	1	3
KC-L4425E 2100N	3	60	32	246	1.1	17	11	916	5.60	223	5	ND	2	31	2	2	2	121	.42	.050	8	35	.85	118	.08	2	2.97	.03	.05	1	4
KC-L4425E 2075N	3	76	25	242	.6	16	15	1221	5.64	82	5	ND	1	22	5	2	2	142	.71	.048	7	34	.78	147	.07	3	3.23	.04	.10	1	2
KC-L4425E 2025N	3	144	61	404	2.1	19	14	1224	4.85	110	5	ND	2	56	3	2	2	95	1.80	.054	7	38	.98	181	.04	2	3.25	.04	.05	1	10
KC-L4425E 1950N	1	337	10	138	1.4	14	7	730	2.02	25	5	ND	1	93	2	5	2	32	5.12	.102	12	20	.49	335	.02	5	1.41	.02	.02	1	39
KC-L4425E 1925N	4	374	16	126	1.1	17	9	783	3.20	27	5	ND	2	54	1	2	2	58	2.01	.061	11	23	.77	332	.05	4	1.89	.04	.07	2	90
KC-L4425E 1900N	5	187	15	131	.8	16	10	587	3.56	18	5	ND	3	34	1	2	2	71	.73	.023	9	24	.87	296	.08	3	2.26	.04	.06	1	81
KC-L4425E 1875N	19	299	24	206	.7	17	12	874	4.80	33	5	ND	2	37	2	2	2	90	.42	.044	9	27	.77	459	.03	3	2.78	.03	.10	1	41
KC-L4425E 1850N	49	145	13	67	1.1	4	4	142	3.51	13	5	ND	2	14	1	5	2	82	.10	.046	10	10	.29	184	.02	2	1.51	.02	.12	1	185
KC-L4425E 1825N	13	1172	14	200	.8	18	12	1034	4.16	12	5	ND	2	42	2	2	2	67	1.07	.045	17	24	.70	453	.03	2	2.63	.04	.08	1	107
KC-L4425E 1800N	17	1071	19	128	.7	15	18	1210	4.23	10	5	ND	3	42	1	2	2	67	.77	.061	14	21	.77	466	.03	3	2.35	.04	.10	1	325
KC-L4425E 1775N	18	358	11	55	1.0	3	5	199	2.37	2	5	ND	1	30	1	2	2	50	.56	.036	12	9	.25	289	.01	2	1.65	.03	.05	1	440
KC-L4425E 1750N	26	183	9	52	.8	4	4	118	2.78	2	5	ND	1	18	1	2	2	59	.24	.026	10	10	.27	207	.02	2	1.24	.02	.06	1	410
KC-L4425E 1725N	31	170	9	67	.8	3	4	120	2.74	2	7	ND	2	22	1	2	2	59	.28	.036	12	12	.28	221	.01	2	1.48	.02	.10	2	420
KC-L4425E 1700N	35	1176	13	124	.9	12	13	514	4.51	8	5	ND	2	17	1	2	2	73	.15	.051	12	20	.80	277	.02	2	2.87	.02	.11	1	280
KC-L4425E 1675N	41	1728	13	114	1.0	10	8	326	3.92	7	5	ND	3	27	1	2	2	67	.36	.042	12	16	.70	496	.02	2	2.64	.03	.11	1	440
KC-L4425E 1650N	27	662	18	90	1.2	9	9	255	4.80	8	5	ND	5	22	1	3	2	81	.17	.042	10	18	.58	311	.03	2	2.06	.02	.14	2	320
STD C/AU-S	18	57	38	129	7.0	68	27	1030	4.01	39	20	7	38	50	18	18	19	57	.48	.085	37	58	.84	178	.08	38	1.82	.08	.14	12	48

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4425E 1625N	43	1815	14	108	.6	12	10	476	4.88	8	5	ND	2	29	1	4	2	68	.36	.036	12	19	.77	311	.02	2	2.26	.03	.12	1	385
KC-L4425E 1600N	24	1672	14	88	2.1	13	10	406	3.86	2	5	ND	2	48	1	4	2	56	.56	.080	13	20	.64	663	.01	2	3.16	.03	.13	1	160
KC-L4425E 1575N	19	713	13	105	.6	15	11	767	3.91	3	5	ND	1	39	1	2	2	65	.40	.044	10	23	.61	463	.02	2	2.29	.03	.10	1	108
KC-L4425E 1550N	28	1920	14	103	1.6	16	15	968	4.31	6	5	ND	3	59	1	2	2	68	.67	.052	18	26	.74	755	.01	2	3.43	.04	.13	1	90
KC-L4425E 1525N	27	1067	16	106	.5	24	29	1315	5.20	5	5	ND	2	42	2	2	2	69	.36	.064	13	33	.67	398	.03	2	3.17	.03	.11	2	35
KC-L4425E 1500N	1	47	11	76	.4	10	6	365	3.53	8	5	ND	1	28	1	2	2	72	.19	.088	8	17	.42	141	.08	2	1.80	.02	.06	1	10
KC-L4425E 1475N	2	59	15	80	1.4	14	7	329	3.81	8	5	ND	3	25	1	2	2	73	.17	.042	10	27	.50	123	.07	2	2.26	.02	.07	1	4
KC-L4425E 1450N	4	484	9	77	.5	16	10	601	3.41	6	5	ND	2	69	1	2	2	60	.53	.028	28	23	.72	511	.06	2	2.37	.04	.06	1	1
KC-L4425E 1425N	1	54	8	91	.4	26	11	446	3.91	11	5	ND	3	45	1	2	2	65	.36	.052	11	34	.88	177	.08	2	3.40	.03	.07	1	1
KC-L4425E 1400N	1	28	9	116	.5	18	11	513	4.57	9	5	ND	3	65	1	2	2	83	.37	.136	8	23	1.00	232	.14	2	4.27	.04	.11	1	1
KC-L4425E 1375N	7	102	11	79	.3	12	7	544	4.55	2	5	ND	2	31	1	2	2	79	.18	.093	8	23	.54	133	.08	2	2.12	.02	.07	1	1
KC-L4425E 1350N	12	504	12	89	.7	15	22	993	4.60	7	5	ND	2	95	1	2	2	69	.77	.058	9	21	.74	449	.06	3	2.39	.04	.08	1	89
KC-L4425E 1325N	3	519	11	90	.4	21	10	559	4.02	2	5	ND	2	70	1	2	2	73	.45	.037	13	26	.90	266	.07	4	3.35	.04	.09	1	9
KC-L4425E 1300N	1	191	8	82	.5	23	10	480	4.03	6	5	ND	2	62	1	2	2	76	.44	.031	9	30	.92	272	.08	2	3.40	.04	.08	1	1
KC-L4450E 2300N	1	45	16	252	.5	14	11	575	4.91	30	5	ND	2	22	3	2	2	96	.23	.065	8	30	.65	111	.09	2	1.90	.03	.05	1	1
KC-L4450E 2275N	1	39	108	224	.9	11	8	478	4.35	158	5	ND	2	27	2	2	2	72	.23	.068	9	24	.41	141	.06	3	1.71	.02	.07	1	1
KC-L4450E 2250N	1	37	18	219	.9	14	10	1116	3.66	32	5	ND	2	32	2	2	2	70	.33	.046	8	25	.63	168	.07	2	1.76	.03	.06	1	31
STD C/AU-S	18	61	37	131	7.1	67	28	1031	4.00	38	17	7	39	49	18	17	21	56	.47	.085	38	60	.84	174	.08	36	1.80	.08	.13	13	52
KC-L4450E 2225N	1	31	15	147	.6	8	5	380	2.76	18	6	ND	2	32	3	2	2	66	.35	.050	8	20	.32	118	.05	2	1.29	.03	.06	1	1
KC-L4450E 2200N	1	36	18	361	.6	14	13	1562	4.12	27	5	ND	1	36	6	2	2	88	.54	.038	8	25	.57	328	.08	3	1.92	.03	.06	1	1
KC-L4450E 2175N	2	64	20	257	.7	11	15	1575	4.27	26	5	ND	2	40	5	2	2	99	.73	.054	8	24	.51	149	.08	2	1.83	.03	.08	1	1
KC-L4450E 2150N	2	40	27	219	.5	17	17	1237	5.98	63	5	ND	2	22	2	2	2	129	.45	.075	6	32	1.29	84	.13	3	2.54	.04	.07	1	3
KC-L4450E 2125N	2	40	28	190	.3	12	8	666	4.73	48	5	ND	2	23	2	2	2	111	.31	.059	8	30	.57	140	.06	2	2.10	.03	.05	1	5
KC-L4450E 2100N	2	41	15	165	.7	21	10	432	4.77	65	5	ND	3	29	1	2	2	87	.37	.027	8	38	.83	122	.07	3	2.73	.03	.06	1	4
KC-L4450E 2075N	2	75	24	262	1.2	14	14	1557	4.91	35	5	ND	2	31	4	2	2	113	1.06	.032	12	27	.61	121	.09	2	2.68	.04	.04	1	2
KC-L4450E 1975N	3	420	17	202	1.7	17	10	1060	2.71	40	5	ND	1	78	3	2	2	49	3.62	.096	11	20	.65	360	.02	5	1.83	.03	.05	1	13
KC-L4450E 1950N	2	402	12	122	1.1	15	7	526	2.54	19	5	ND	2	65	1	2	2	45	3.11	.054	10	21	.59	388	.03	5	1.59	.03	.03	1	3
KC-L4450E 1925N	5	384	21	280	1.7	19	14	2082	4.03	19	5	ND	2	46	7	2	2	65	1.47	.050	12	28	.63	538	.04	2	2.46	.03	.06	1	8
KC-L4450E 1900N	20	143	15	123	.6	10	7	281	3.96	26	5	ND	3	32	1	2	2	84	.30	.033	8	18	.68	285	.05	2	1.73	.03	.08	1	92
KC-L4450E 1875N	22	109	15	80	.5	5	4	170	3.08	11	5	ND	1	30	1	2	2	72	.23	.043	8	12	.39	212	.03	2	1.36	.02	.07	1	186
KC-L4450E 1850N	12	504	19	127	1.0	11	11	692	3.96	11	5	ND	2	27	1	2	2	68	.39	.040	10	17	.61	323	.02	2	2.04	.03	.07	1	325
KC-L4450E 1825N	10	130	9	77	.8	7	5	139	2.98	5	5	ND	2	19	1	2	2	62	.22	.024	7	17	.30	223	.02	2	1.22	.02	.07	1	158
KC-L4450E 1800N	38	447	14	71	.3	6	8	222	4.47	10	5	ND	1	14	1	2	2	74	.17	.033	9	9	.63	164	.03	2	1.89	.02	.09	1	420
KC-L4450E 1775N	60	445	14	80	.8	6	7	217	4.52	15	5	ND	2	13	1	3	2	80	.12	.042	9	13	.61	123	.02	2	2.09	.02	.08	2	405
KC-L4450E 1750N	18	265	10	46	.8	3	3	83	2.43	2	8	ND	2	22	1	2	2	46	.38	.029	11	7	.20	267	.01	2	1.04	.02	.09	1	605
KC-L4450E 1725N	28	188	14	50	.7	4	4	135	3.60	7	5	ND	2	23	1	2	2	69	.25	.049	10	10	.34	138	.02	2	1.26	.02	.09	1	390
KC-L4450E 1700N	47	1436	20	97	1.0	9	9	314	4.67	5	5	ND	3	22	1	3	2	61	.23	.037	11	15	.75	286	.02	2	2.29	.02	.13	1	495

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4450E 1675N	108	1356	17	101	1.5	8	8	327	5.78	5	5	ND	5	21	1	5	2	75	.19	.054	11	16	.78	228	.03	2	2.21	.02	.14	2	650
KC-L4450E 1650N	29	1343	16	88	.9	10	7	321	4.05	6	5	ND	4	29	1	2	2	69	.32	.030	14	19	.75	486	.03	2	2.16	.02	.11	1	295
KC-L4450E 1625N	28	2574	21	104	1.5	17	11	625	4.41	10	5	ND	2	46	1	3	2	64	.58	.070	18	26	.83	668	.01	2	2.87	.03	.13	1	235
KC-L4450E 1600N	15	649	17	99	1.2	14	10	418	3.98	6	9	ND	3	33	1	3	2	75	.30	.027	10	24	.66	417	.03	4	1.96	.02	.13	1	97
KC-L4450E 1575N	13	222	14	72	.7	8	6	354	3.35	8	5	ND	3	22	1	2	2	77	.16	.023	9	19	.31	247	.05	2	1.37	.02	.08	1	55
KC-L4450E 1550N	10	324	12	65	.6	21	8	355	3.58	6	5	ND	2	36	1	2	2	64	.33	.028	10	33	.67	192	.06	4	1.93	.03	.10	1	59
KC-L4450E 1525N	4	74	14	86	.6	15	8	443	4.55	6	5	ND	2	29	1	2	2	83	.21	.078	7	26	.65	122	.09	4	1.99	.03	.06	1	41
KC-L4450E 1500N	5	52	13	79	1.1	13	8	290	4.50	3	5	ND	4	26	1	2	2	83	.15	.043	8	24	.61	146	.09	3	2.62	.02	.08	2	30
KC-L4450E 1500NA	5	60	17	89	.6	16	8	333	4.60	7	5	ND	3	31	1	2	2	81	.19	.064	8	29	.67	161	.08	4	2.26	.02	.06	2	66
STD C/AU-S	19	58	37	128	7.2	65	26	1022	3.92	37	17	7	38	48	17	16	20	59	.46	.083	37	57	.90	175	.07	36	1.76	.08	.13	13	52
KC-L4450E 1475N	4	110	14	105	1.8	12	9	603	3.67	7	5	ND	4	38	1	2	2	70	.29	.069	12	19	.50	314	.04	3	2.13	.02	.13	1	9
KC-L4450E 1450N	3	32	9	131	.8	13	10	855	4.80	4	5	ND	3	35	1	2	2	96	.24	.172	9	23	1.02	169	.17	3	3.59	.04	.09	1	6
KC-L4450E 1425N	3	52	12	87	.3	27	10	494	4.07	11	5	ND	2	39	1	2	2	77	.37	.037	9	35	.99	167	.08	2	2.89	.03	.06	1	3
KC-L4450E 1400N	2	37	10	96	2.5	19	8	408	3.91	6	5	ND	2	48	1	2	2	79	.37	.044	10	31	.84	221	.08	5	2.40	.03	.08	1	8
KC-L4450E 1375N	2	52	9	60	.4	14	6	348	3.10	2	5	ND	2	47	1	2	2	68	.34	.025	9	28	.64	175	.10	2	1.71	.03	.07	1	3
KC-L4450E 1350N	4	97	12	97	.6	14	8	393	3.82	3	5	ND	3	63	1	2	2	83	.45	.031	10	26	.69	198	.08	3	2.09	.03	.11	1	3
KC-L4450E 1325N	3	70	12	82	.6	15	9	523	3.80	2	5	ND	2	57	1	2	2	81	.35	.030	8	25	.79	197	.09	2	2.09	.03	.10	1	2
KC-L4450E 1300N	3	160	18	97	.8	29	14	885	4.42	9	5	ND	3	84	1	2	2	80	.70	.048	15	42	1.09	365	.05	4	3.60	.04	.13	1	7
KC-L4475E 2300N	3	40	18	228	.6	15	12	524	5.12	37	5	ND	3	23	2	2	2	105	.25	.072	8	34	.78	115	.08	4	1.96	.03	.07	1	4
KC-L4475E 2275N	3	49	33	257	.5	16	9	429	4.77	182	5	ND	2	34	1	2	2	105	.41	.045	7	34	.72	101	.07	3	2.06	.03	.07	1	1
KC-L4475E 2250N	3	57	19	281	1.0	16	12	1455	4.16	37	5	ND	4	35	3	2	2	89	.39	.072	8	30	.76	209	.09	3	1.75	.03	.09	1	6
KC-L4475E 2225N	3	44	20	277	.3	17	11	589	4.69	50	5	ND	2	46	2	2	2	109	.54	.041	7	33	.87	182	.12	3	2.20	.03	.06	1	2
KC-L4475E 2200N	4	42	32	502	1.0	13	15	2204	4.63	60	5	ND	3	44	15	2	2	108	.75	.061	7	26	.67	338	.08	4	1.91	.03	.14	1	3
KC-L4475E 2175N	3	28	23	284	.5	12	9	736	5.92	52	5	ND	1	33	3	2	2	140	.53	.097	7	31	.69	84	.10	2	2.12	.03	.08	2	3
KC-L4475E 2150N	3	31	25	215	.5	14	9	696	4.44	33	5	ND	2	28	1	2	2	99	.43	.045	9	29	.76	125	.09	3	1.94	.03	.07	1	5
KC-L4475E 2125N	3	32	27	157	.9	11	8	573	4.05	41	5	ND	3	28	2	2	2	119	.53	.043	7	26	.60	156	.08	5	1.72	.03	.09	1	44
KC-L4475E 2100N	4	52	31	213	.6	16	12	780	5.78	58	5	ND	1	34	2	2	2	159	.42	.039	6	33	1.07	106	.11	3	3.20	.04	.05	1	7
KC-L4475E 2075N	3	122	31	202	2.2	17	14	1912	5.07	40	5	ND	3	38	5	2	2	144	1.50	.044	14	31	.83	120	.09	3	3.17	.04	.06	1	6
KC-L4475E 2025N	8	284	36	266	1.9	19	22	2861	5.38	162	5	ND	1	77	3	2	2	96	2.73	.089	11	33	.83	280	.03	4	2.04	.03	.05	1	3
KC-L4475E 1975N	4	156	31	233	.6	22	13	981	4.48	72	5	ND	3	46	1	2	2	91	1.18	.028	8	38	1.13	241	.06	2	2.82	.04	.08	1	10
KC-L4475E 1950N	4	247	25	143	.6	20	12	579	4.03	39	5	ND	4	43	1	2	2	88	.85	.022	10	31	.99	250	.05	2	2.51	.03	.09	1	15
KC-L4475E 1925N	3	374	17	181	1.2	19	8	624	3.31	31	5	ND	2	47	2	2	2	62	1.75	.056	10	25	.81	356	.04	3	1.96	.04	.07	1	163
KC-L4475E 1925NA	5	466	26	230	.9	21	13	768	4.10	25	5	ND	3	41	7	2	2	69	1.37	.033	12	32	.72	544	.04	3	2.46	.04	.07	1	114
KC-L4475E 1900N	27	337	16	121	.4	10	9	416	4.11	24	5	ND	2	28	1	2	2	76	.35	.039	7	17	.80	356	.03	4	1.87	.03	.10	1	205
KC-L4475E 1875N	36	137	16	92	.9	7	5	206	4.08	17	5	ND	2	31	1	2	2	91	.20	.053	9	14	.63	206	.05	7	1.54	.02	.13	2	225
KC-L4475E 1850N	24	519	18	122	.4	10	10	401	4.32	12	5	ND	2	25	1	2	2	75	.28	.039	9	16	.67	345	.02	2	2.16	.02	.09	1	206
KC-L4475E 1825N	20	389	14	130	.7	8	11	765	4.46	7	5	ND	3	27	3	2	2	64	.63	.046	8	15	.70	296	.03	5	1.83	.03	.12	1	184

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
KC-L4475E 1800N	30	321	16	67	.7	7	6	202	4.25	11	5	ND	3	18	1	2	2	78	.22	.038	8	13	.54	198	.04	3	1.57	.02	.09	1	350
KC-L4475E 1775N	33	319	15	61	.6	4	4	147	3.24	8	5	ND	2	23	1	2	2	63	.38	.034	11	10	.44	218	.02	2	1.58	.02	.08	1	420
KC-L4475E 1750N	57	421	17	60	1.1	5	5	165	4.79	8	5	ND	3	17	1	3	2	80	.20	.049	11	11	.54	184	.02	2	1.90	.02	.10	3	365
KC-L4475E 1725N	35	4439	22	100	1.3	12	26	1010	3.71	5	5	ND	3	50	2	4	2	35	.69	.095	43	15	.66	667	.01	3	2.50	.03	.14	2	139
KC-L4475E 1700N	39	1514	16	97	.9	9	9	365	4.26	8	5	ND	3	23	1	2	2	65	.27	.041	12	13	.77	295	.01	2	2.30	.02	.13	1	435
KC-L4475E 1675N	34	1713	14	99	1.0	9	6	283	3.76	4	5	ND	2	24	1	2	2	64	.32	.044	12	12	.65	359	.01	2	2.33	.03	.11	1	325
KC-L4475E 1650N	31	976	16	78	1.1	9	8	415	3.97	6	5	ND	2	16	1	2	2	64	.15	.050	12	18	.60	284	.02	3	2.28	.02	.11	1	275
KC-L4475E 1625N	12	326	13	73	.3	9	5	254	3.36	2	5	ND	1	30	1	2	2	67	.25	.027	7	18	.41	244	.04	3	1.29	.02	.07	1	132
KC-L4475E 1600N	20	815	12	75	1.0	13	8	386	3.66	9	5	ND	2	36	1	2	2	58	.34	.038	12	22	.70	354	.03	2	1.97	.03	.13	1	179
KC-L4475E 1575N	13	365	11	80	.3	19	9	401	3.94	10	5	ND	2	28	1	2	2	68	.22	.023	9	30	.76	201	.05	3	2.29	.03	.08	1	41
STD C/AU-S	19	61	38	128	6.9	66	27	988	3.92	40	17	7	38	48	18	18	20	55	.46	.083	37	58	.90	173	.07	38	1.76	.08	.16	14	51
KC-L4475E 1550N	10	125	14	65	.2	16	7	311	3.50	10	5	ND	1	28	1	2	2	69	.22	.052	9	30	.61	164	.05	4	2.03	.02	.08	1	19
KC-L4475E 1525N	9	136	13	64	.8	11	6	305	3.42	9	6	ND	2	47	1	2	2	66	.34	.033	11	24	.47	394	.04	3	2.17	.03	.08	1	26
KC-L4475E 1500N	3	48	16	90	.1	24	12	613	4.13	18	5	ND	2	32	1	2	2	72	.26	.061	9	35	.88	182	.05	2	2.70	.03	.05	1	9
KC-L4475E 1475N	4	135	10	96	.5	18	11	936	3.75	5	5	ND	1	75	1	2	2	66	.55	.049	12	29	.84	367	.04	3	2.59	.03	.07	1	17
KC-L4475E 1450N	2	29	9	105	.1	14	8	575	3.42	5	5	ND	1	42	1	2	2	66	.31	.066	8	23	.68	161	.07	3	2.37	.03	.07	1	5
KC-L4475E 1425N	3	54	12	83	.3	18	9	369	3.94	7	5	ND	1	40	1	2	2	67	.26	.028	9	27	.80	186	.06	3	2.77	.03	.06	1	5
KC-L4475E 1400N	3	185	12	83	.1	25	12	601	3.89	8	5	ND	2	59	1	2	2	70	.63	.017	10	35	.97	137	.11	4	2.37	.04	.06	1	10
KC-L4475E 1375N	3	40	14	91	.6	21	9	401	4.04	9	5	ND	3	46	1	2	2	72	.43	.054	9	34	.83	149	.07	5	2.18	.03	.08	1	9
KC-L4475E 1350N	5	283	14	71	.1	20	10	622	3.45	4	5	ND	1	82	1	2	2	62	.63	.032	11	28	.81	316	.05	2	2.43	.04	.07	1	2
KC-L4475E 1325N	7	391	12	82	.4	19	14	557	4.35	7	5	ND	1	73	1	2	2	72	.52	.030	9	25	.88	260	.07	2	2.27	.03	.08	1	28
KC-L4475E 1300N	3	201	5	127	.4	12	6	431	2.03	2	5	ND	2	123	4	2	2	35	1.40	.059	9	17	.48	315	.04	7	1.28	.04	.12	1	4
KC-L4500E 2250N	3	60	27	228	.4	17	9	552	4.49	76	5	ND	1	33	2	2	2	81	.33	.040	7	32	.84	157	.08	3	2.23	.03	.04	1	27
KC-L4500E 2225N	2	70	26	210	.5	20	11	423	4.63	83	5	ND	2	36	2	2	2	92	.44	.036	6	34	.93	125	.07	5	2.46	.03	.03	1	49
KC-L4500E 2200N	3	60	35	379	.6	17	12	632	5.38	101	5	ND	1	37	4	2	2	110	.58	.052	7	30	.78	110	.08	4	2.59	.03	.05	1	2
KC-L4500E 2175N	3	68	34	295	.8	18	11	684	5.77	126	5	ND	2	36	2	2	2	109	.50	.034	6	36	1.14	85	.08	4	2.95	.04	.06	2	13
KC-L4500E 2150N	3	60	32	273	.5	18	11	658	5.42	81	5	ND	1	24	1	2	2	115	.34	.039	5	36	1.12	105	.05	2	2.86	.03	.07	2	26
KC-L4500E 2125N	3	43	18	215	.5	20	13	781	4.83	62	6	ND	2	37	1	2	2	94	.48	.073	5	36	1.00	138	.07	3	2.30	.03	.05	2	4
KC-L4500E 2100N	3	41	29	248	.8	16	10	549	5.09	59	5	ND	2	23	2	2	2	102	.38	.037	7	33	.82	106	.07	3	2.60	.03	.05	1	2
KC-L4500E 2075N	4	68	16	129	.6	21	9	534	4.53	36	5	ND	2	27	1	2	2	83	.28	.023	9	36	.92	139	.06	3	2.57	.03	.04	1	31
KC-L4500E 2050N	5	122	22	181	.5	18	15	653	4.26	47	5	ND	3	42	1	2	2	96	.48	.017	7	29	1.10	165	.07	4	2.41	.03	.06	2	166
KC-L4500E 2025N	3	77	21	146	.8	12	8	1483	2.92	51	5	ND	1	62	2	2	2	54	3.25	.078	6	25	.69	165	.03	4	1.81	.03	.03	1	10
KC-L4500E 2000N	3	225	25	211	.7	15	10	653	3.54	35	5	ND	2	52	1	2	2	66	1.24	.051	8	25	.87	143	.06	4	1.77	.04	.05	2	215
KC-L4500E 1975N	4	163	23	144	.3	19	11	663	4.02	39	5	ND	1	36	1	2	2	79	.53	.022	7	29	.91	259	.05	4	2.16	.03	.04	1	29
KC-L4500E 1950N	4	383	21	152	.4	17	10	562	3.63	34	5	ND	2	45	2	2	2	67	1.07	.028	11	26	.72	286	.03	2	2.18	.04	.05	1	76
KC-L4500E 1925N	9	323	19	111	.5	14	9	413	4.20	35	5	ND	2	31	1	2	2	62	.94	.030	10	21	.73	322	.02	2	2.23	.03	.03	1	139
KC-L4500E 1900N	8	693	21	147	.7	21	13	1194	4.52	13	5	ND	4	28	5	2	2	58	.66	.039	14	25	.75	489	.03	2	2.55	.03	.07	1	78

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
KC-L4500E 1875N	34	743	14	74	.6	8	8	274	4.02	8	5	ND	4	35	1	11	2	63	.49	.029	11	13	.65	362	.03	2	2.03	.03	.13	1	192
KC-L4500E 1850N	26	355	13	80	1.1	14	8	312	4.86	102	5	ND	3	23	1	4	2	70	.17	.032	9	22	.73	158	.05	3	2.50	.02	.06	1	210
KC-L4500E 1825N	34	1377	19	74	1.2	12	8	321	4.81	15	8	ND	5	40	1	7	2	64	.70	.049	21	17	.64	378	.04	2	1.94	.03	.12	1	215
KC-L4500E 1800N	23	544	13	66	.9	6	5	189	3.95	7	5	ND	4	24	1	8	2	63	.58	.033	10	11	.56	265	.02	2	1.93	.03	.10	1	305
KC-L4500E 1775N	39	380	16	67	.4	5	5	203	4.89	7	5	ND	2	13	1	5	2	88	.12	.075	9	11	.51	188	.03	2	2.05	.02	.09	1	360
KC-L4500E 1750N	39	793	19	74	1.8	10	7	247	5.44	7	5	ND	5	12	1	5	2	69	.10	.062	10	14	.64	115	.03	2	2.84	.02	.10	1	450
KC-L4500E 1725N	34	1627	13	99	1.2	8	12	536	4.41	2	5	ND	3	22	1	6	2	66	.32	.045	12	12	.98	164	.04	2	2.45	.03	.16	1	490
KC-L4500E 1700N	63	1103	18	78	.9	6	6	280	5.70	8	5	ND	1	13	1	3	2	74	.11	.061	10	15	.75	181	.02	2	2.83	.02	.11	1	455
KC-L4500E 1675N	78	1034	15	84	2.1	8	7	268	4.97	3	5	ND	4	11	1	6	2	71	.10	.085	11	15	.68	138	.02	4	2.56	.02	.15	1	520
KC-L4500E 1650N	61	1395	16	92	1.2	13	11	470	5.39	6	5	ND	3	17	1	3	2	72	.16	.060	10	23	.82	181	.02	4	2.74	.02	.13	1	525
KC-L4500E 1625N	14	605	12	84	.7	18	8	345	4.85	12	5	ND	1	25	1	2	2	81	.19	.034	8	29	.63	153	.06	3	2.44	.02	.06	1	162
KC-L4500E 1600N	12	884	13	80	1.0	15	8	374	3.82	4	5	ND	2	38	1	4	2	68	.31	.028	10	23	.64	251	.05	6	1.91	.03	.09	1	157
KC-L4500E 1575N	19	550	11	70	.5	15	9	377	3.98	6	5	ND	3	39	1	6	2	64	.33	.020	10	19	.65	215	.07	3	1.56	.03	.08	1	235
KC-L4500E 1550N	9	323	10	70	.2	16	8	470	3.29	4	5	ND	2	50	1	2	2	64	.41	.029	10	28	.62	242	.07	6	1.93	.03	.08	1	35
KC-L4500E 1525N	14	1902	13	90	.7	21	11	854	3.87	5	8	ND	4	69	1	3	2	55	.67	.078	26	28	.74	365	.03	2	2.92	.03	.12	1	109
KC-L4500E 1500N	6	107	16	83	.4	23	11	522	4.54	12	5	ND	2	31	1	4	2	74	.22	.048	9	34	.78	169	.06	6	2.52	.03	.10	1	15
KC-L4500E 1475N	5	126	12	98	.8	20	12	782	4.08	6	5	ND	2	64	1	2	2	71	.47	.041	10	26	.84	289	.07	3	2.52	.03	.09	1	5
KC-L4500E 1450N	3	52	10	94	.7	26	11	420	4.65	9	5	ND	2	30	1	2	2	77	.21	.031	10	40	.84	133	.06	6	3.12	.03	.09	1	1
KC-L4500E 1425N	7	153	13	66	.9	20	9	422	3.57	7	5	ND	4	66	1	5	2	65	.67	.033	14	31	.69	252	.04	4	2.41	.04	.11	1	10
KC-L4500E 1400N	5	182	9	97	.3	23	11	561	4.31	5	5	ND	2	45	1	2	2	75	.36	.025	11	33	.88	204	.07	5	3.00	.03	.10	1	2
KC-L4500E 1375N	2	37	11	111	.7	22	10	461	4.19	6	5	ND	3	41	1	4	2	77	.39	.072	8	34	.82	149	.07	5	2.71	.03	.08	2	1
KC-L4500E 1350N	9	873	11	99	.4	25	14	670	4.11	4	5	ND	3	115	1	2	2	55	1.04	.062	22	31	.91	524	.04	4	3.24	.04	.10	1	25
KC-L4500E 1325N	8	999	14	134	.3	36	14	802	4.69	3	5	ND	4	116	1	2	2	59	1.29	.066	17	39	1.16	860	.02	2	5.09	.05	.16	1	23
KC-L4500E 1300N	4	1081	9	106	.5	25	8	661	2.76	2	5	ND	3	152	1	2	2	39	2.32	.070	25	21	.64	465	.01	3	2.90	.04	.10	1	14
KC-L4525E 2300N	4	156	57	307	1.3	19	26	1887	6.40	300	5	ND	4	134	2	6	2	111	1.78	.052	5	33	1.43	97	.03	4	5.73	.04	.16	1	1
KC-L4525E 2275N	3	52	25	310	.4	13	16	2664	4.28	44	5	ND	1	31	5	2	2	89	.39	.044	7	30	.50	187	.08	6	1.84	.03	.05	1	3
KC-L4525E 2250N	3	30	15	316	.4	15	13	1131	3.85	24	5	ND	2	32	10	2	2	82	.51	.035	6	34	.55	135	.09	6	1.48	.03	.07	1	1
KC-L4525E 2225N	3	43	23	357	1.0	14	10	756	4.62	46	5	ND	3	32	6	2	2	109	.48	.032	6	28	.72	109	.12	6	2.06	.03	.08	1	6
KC-L4525E 2200N	4	52	36	343	1.0	12	10	700	6.37	106	5	ND	3	44	3	2	2	150	.96	.060	6	20	.88	77	.13	6	2.85	.04	.06	1	1
KC-L4525E 2175N	4	32	27	289	.7	10	9	588	5.07	49	5	ND	2	29	3	4	2	129	.60	.033	5	23	.60	74	.08	5	2.24	.03	.06	1	17
KC-L4525E 2150N	3	48	19	229	.6	20	11	640	4.96	57	5	ND	4	25	2	2	2	93	.26	.031	8	34	.91	109	.09	6	2.58	.03	.11	1	21
KC-L4525E 2125N	4	60	20	213	.6	17	10	573	4.88	80	5	ND	2	25	2	3	2	94	.31	.032	8	30	.75	160	.08	2	2.42	.03	.07	2	11
KC-L4525E 2100N	4	98	23	143	.9	22	12	548	4.39	46	5	ND	3	34	2	2	2	86	.79	.027	7	41	.87	166	.05	8	2.55	.04	.07	3	33
KC-L4525E 2075N	3	81	21	152	.5	20	11	519	3.95	28	5	ND	2	34	1	2	2	76	.51	.021	9	33	.82	182	.07	5	2.38	.04	.06	1	12
KC-L4525E 2050N	3	95	24	235	.8	18	12	726	4.22	45	5	ND	3	28	2	2	2	75	.76	.034	10	34	.91	165	.04	2	2.80	.03	.06	1	71
KC-L4525E 2025N	5	520	31	146	.7	22	17	1220	4.60	57	7	ND	5	50	1	5	2	86	.74	.046	10	31	1.03	222	.09	9	2.35	.04	.13	1	95
STD C/AU-S	19	58	39	132	7.3	68	27	1024	4.02	37	22	7	39	50	18	17	19	57	.48	.085	37	60	.84	178	.08	34	1.81	.08	.15	12	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4525E 2000N	5	485	18	110	.4	18	13	699	4.47	33	5	ND	4	50	1	2	2	83	.67	.030	11	28	.91	194	.08	2	2.30	.04	.09	1	225
KC-L4525E 1975N	5	113	19	92	.3	10	6	353	3.78	16	5	ND	3	35	1	2	2	84	.43	.017	7	26	.38	263	.06	2	1.37	.03	.04	1	83
KC-L4525E 1950N	5	887	14	160	1.7	14	7	688	2.34	18	8	ND	3	70	2	3	2	34	3.72	.071	16	20	.44	418	.02	4	1.56	.02	.06	1	56
KC-L4525E 1925N	11	856	12	77	.3	18	11	459	3.59	7	5	ND	2	35	1	2	2	54	.61	.048	16	23	.67	303	.03	2	2.11	.03	.07	1	230
KC-L4525E 1900N	47	780	20	95	.7	12	8	280	5.06	12	5	ND	4	34	1	6	2	68	.40	.041	11	20	.68	263	.03	2	2.48	.03	.11	2	235
KC-L4525E 1875N	28	175	15	73	1.1	6	4	162	3.88	10	5	ND	2	32	1	3	2	78	.31	.036	8	16	.38	194	.06	2	1.27	.03	.09	1	245
KC-L4525E 1850N	21	463	19	73	1.0	9	7	254	3.92	7	5	ND	3	29	1	3	2	64	.53	.037	10	15	.64	291	.03	2	1.90	.03	.09	2	325
KC-L4525E 1825N	29	1326	14	114	1.0	9	10	494	3.82	2	5	ND	4	40	2	5	2	51	1.24	.061	17	11	.84	330	.05	2	1.84	.04	.14	1	270
KC-L4525E 1800N	44	1069	18	78	.6	12	8	326	4.94	11	5	ND	3	22	1	4	2	64	.20	.033	11	25	.71	238	.03	2	2.27	.02	.08	2	390
KC-L4525E 1775N	29	795	16	79	.3	11	8	263	5.49	15	5	ND	4	14	1	2	2	76	.11	.073	9	24	.68	154	.02	2	3.10	.02	.06	1	325
KC-L4525E 1750N	58	1015	21	90	1.6	8	9	319	6.51	11	5	ND	5	16	1	3	2	74	.20	.094	9	15	.74	126	.02	2	3.02	.02	.10	1	1680
KC-L4525E 1725N	25	1358	18	104	2.0	23	11	404	5.22	18	5	ND	5	21	1	2	2	74	.20	.064	10	33	.87	152	.04	2	3.44	.02	.09	1	305
KC-L4525E 1700N	40	1000	16	83	1.1	8	7	317	4.70	7	5	ND	3	13	1	3	2	75	.11	.055	9	14	.80	133	.02	2	2.64	.02	.10	2	510
KC-L4525E 1675N	41	644	17	84	.9	12	8	303	4.53	8	5	ND	3	25	1	2	2	72	.21	.037	10	20	.76	210	.03	2	2.42	.02	.13	2	325
KC-L4525E 1650N	18	1430	15	85	.5	16	10	443	3.96	10	5	ND	2	40	1	2	2	67	.42	.024	12	25	.64	339	.03	3	2.10	.03	.08	1	255
KC-L4525E 1625N	16	1998	17	98	.4	23	13	765	4.16	6	5	ND	3	53	1	3	2	62	.56	.034	20	30	.93	440	.04	2	2.85	.03	.09	1	152
KC-L4525E 1600N	9	987	14	81	.4	21	10	580	3.71	9	5	ND	5	60	1	2	2	63	.62	.024	18	31	.77	330	.11	2	1.89	.04	.07	2	139
KC-L4525E 1575N	12	443	14	79	.4	25	10	507	4.00	7	5	ND	1	42	1	2	2	66	.39	.027	12	42	.77	205	.03	2	2.74	.03	.07	1	78
KC-L4525E 1550N	10	2392	11	95	.3	18	12	747	3.89	8	5	ND	2	64	1	2	2	62	.98	.073	16	25	.69	363	.03	2	2.51	.04	.06	1	218
KC-L4525E 1525N	2	94	16	91	.5	25	10	469	4.21	12	5	ND	3	29	1	2	2	69	.22	.031	10	36	.81	128	.07	4	2.68	.03	.07	2	62
KC-L4525E 1500N	7	138	15	80	.2	19	10	484	4.35	9	5	ND	3	38	1	2	2	69	.30	.053	9	28	.72	141	.10	2	2.07	.03	.05	1	151
KC-L4525E 1475N	4	140	13	94	.5	29	12	491	4.38	9	5	ND	2	45	1	2	2	68	.35	.020	12	39	.94	189	.06	2	3.36	.03	.06	1	4
KC-L4525E 1450N	2	90	11	87	.3	25	10	469	4.11	10	5	ND	3	45	1	2	2	73	.37	.019	10	36	.90	145	.07	4	2.58	.03	.08	1	23
KC-L4525E 1425N	2	73	12	75	.3	23	10	462	3.81	8	5	ND	2	42	1	2	2	64	.31	.029	10	33	.80	145	.10	2	2.48	.03	.06	1	20
KC-L4525E 1400N	4	83	14	81	.1	21	10	598	3.31	10	5	ND	2	64	1	2	2	61	.72	.037	10	30	.69	204	.08	2	1.94	.03	.09	1	6
KC-L4525E 1325N	4	348	9	125	.1	17	7	622	2.82	4	5	ND	1	67	1	2	2	58	.72	.026	9	28	.56	263	.06	3	2.06	.04	.05	1	2
KC-L4525E 1300N	3	80	10	79	.2	20	7	370	4.28	2	5	ND	3	44	1	2	2	90	.42	.027	8	49	.57	158	.10	2	1.93	.03	.04	1	4
KC-L4550E 2300N	2	70	54	409	.6	13	19	1241	7.28	150	5	ND	2	54	6	2	2	156	.84	.096	6	29	1.07	93	.19	2	2.69	.04	.12	2	146
KC-L4550E 2275N	2	75	21	329	1.4	19	13	1196	5.32	158	5	ND	1	39	2	2	2	99	.52	.045	6	33	.91	197	.09	4	2.72	.04	.04	2	17
KC-L4550E 2250N	2	49	22	569	1.3	18	11	647	5.65	61	5	ND	3	25	4	2	2	108	.25	.046	11	38	.68	91	.14	3	2.89	.03	.07	2	2
KC-L4550E 2225N	2	45	29	371	.4	12	16	1583	6.18	65	5	ND	2	42	3	2	2	160	.88	.080	6	35	.79	146	.14	2	2.40	.04	.08	2	1
KC-L4550E 2200N	3	54	28	344	.4	15	16	1302	6.63	60	5	ND	3	48	6	2	2	155	.44	.066	6	38	1.04	123	.22	2	2.97	.04	.06	2	1
KC-L4550E 2175N	2	47	31	378	.1	12	21	2446	6.39	36	5	ND	1	45	23	2	2	160	.52	.078	5	35	.87	177	.22	2	2.52	.04	.06	1	1
KC-L4550E 2150N	3	50	18	212	.4	19	10	588	4.74	105	5	ND	3	30	3	5	2	93	.30	.033	8	29	.76	103	.09	2	2.28	.03	.06	3	3
KC-L4550E 2125N	2	50	22	249	.4	20	12	817	5.04	47	5	ND	2	32	2	2	2	98	.46	.042	7	35	.91	117	.07	2	2.67	.03	.05	1	7
KC-L4550E 2100N	3	101	22	201	.5	26	12	653	5.51	41	5	ND	2	33	1	2	2	116	.26	.036	7	42	1.06	104	.13	3	3.33	.03	.06	1	8
STD C/AU-S	18	60	38	132	7.1	67	27	1033	4.03	41	18	7	38	49	17	17	19	55	.48	.084	37	55	.84	176	.08	38	1.81	.08	.16	13	48

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4550E 2075N	5	74	31	267	.5	13	9	600	5.04	126	5	ND	3	19	2	2	2	92	.17	.054	8	22	.64	213	.06	4	2.12	.02	.07	1	62
KC-L4550E 2050N	4	84	15	138	.5	14	9	391	4.26	33	5	ND	2	26	1	2	2	90	.39	.021	7	25	.73	136	.06	2	2.00	.03	.06	2	80
KC-L4550E 2025N	3	244	20	244	.6	21	14	1264	4.69	92	5	ND	3	46	2	2	2	87	1.22	.054	16	37	.86	191	.06	2	2.54	.04	.04	1	96
KC-L4550E 2000N	3	232	22	197	1.3	20	13	912	4.24	41	6	ND	3	33	3	2	2	74	1.06	.034	8	28	.83	238	.04	2	2.43	.04	.06	1	52
KC-L4550E 1975N	4	195	31	237	.7	20	14	1520	4.55	44	5	ND	3	28	3	2	2	76	.60	.044	10	26	.84	220	.05	2	2.46	.04	.09	1	80
KC-L4550E 1950N	3	157	31	106	.4	19	12	624	4.20	44	5	ND	2	32	1	2	2	77	.37	.025	7	28	.87	99	.05	2	2.37	.03	.06	2	48
KC-L4550E 1925N	5	399	24	220	.7	16	11	849	4.57	49	5	ND	2	47	2	2	2	83	1.01	.043	10	29	.88	210	.06	2	2.18	.04	.07	1	270
KC-L4550E 1900N	7	457	18	144	.7	18	10	367	4.47	20	5	ND	4	22	1	2	2	66	.40	.022	8	23	.75	146	.02	3	2.93	.03	.09	1	189
KC-L4550E 1875N	9	1334	12	95	.7	13	8	478	3.27	12	5	ND	1	55	1	3	2	36	2.46	.062	19	11	.54	392	.02	4	1.65	.03	.06	2	165
KC-L4550E 1850N	25	746	14	84	.4	13	10	366	4.18	11	5	ND	3	35	1	2	2	53	.45	.035	12	17	.69	191	.04	2	1.75	.03	.10	1	240
KC-L4550E 1825N	29	897	11	81	.8	8	6	243	3.51	5	5	ND	2	32	1	3	2	57	.41	.025	12	11	.56	416	.02	2	1.76	.02	.09	2	285
KC-L4550E 1825N A	28	976	11	73	.6	10	8	362	4.04	11	5	ND	2	33	1	2	2	58	.46	.032	14	17	.73	239	.03	2	1.98	.03	.08	1	290
KC-L4550E 1800N	22	1155	15	77	1.0	10	9	392	3.73	8	8	ND	3	33	1	2	2	52	.79	.037	12	16	.58	247	.02	4	1.77	.03	.10	2	330
KC-L4550E 1775N	33	2314	15	86	.6	12	9	390	4.29	8	5	ND	4	38	1	4	2	51	.60	.058	24	15	.74	403	.04	2	1.92	.03	.11	1	365
KC-L4550E 1750N	39	999	9	79	.5	10	8	369	4.79	8	5	ND	3	21	1	2	2	68	.25	.033	10	16	.84	280	.03	2	2.15	.03	.13	1	385
KC-L4550E 1725N	51	1030	15	79	.8	13	9	379	4.91	13	5	ND	4	28	1	2	2	73	.37	.045	14	19	.88	186	.04	3	2.18	.03	.12	1	435
KC-L4550E 1700N	58	1290	19	82	.5	12	9	408	5.82	11	5	ND	3	21	1	2	2	66	.25	.067	11	19	.71	199	.03	2	2.10	.02	.09	2	530
KC-L4550E 1675N	18	443	14	81	1.2	13	7	292	4.47	9	5	ND	2	22	1	2	2	75	.18	.051	9	24	.57	251	.03	2	2.20	.02	.07	2	224
KC-L4550E 1650N	21	1447	14	96	1.0	18	11	532	4.32	10	5	ND	2	35	1	2	2	65	.32	.050	16	31	.70	541	.02	2	2.81	.03	.11	1	172
KC-L4550E 1625N	26	1077	16	85	.4	14	9	458	4.16	9	5	ND	1	37	1	2	2	70	.43	.029	11	23	.71	330	.04	2	1.89	.03	.08	1	262
KC-L4550E 1600N	15	2246	17	89	1.4	19	11	472	3.85	6	5	ND	3	54	1	2	2	58	.60	.045	34	27	.72	513	.02	3	2.50	.03	.10	1	139
KC-L4550E 1575N	10	651	11	83	.3	20	9	450	3.47	8	5	ND	2	43	1	2	2	58	.43	.026	14	30	.68	319	.04	3	1.95	.03	.07	2	107
KC-L4550E 1550N	11	581	12	83	.4	22	12	667	3.84	8	5	ND	3	44	1	2	2	63	.44	.026	13	33	.79	211	.07	6	2.01	.03	.08	1	230
KC-L4550E 1525N	7	2496	9	113	.5	21	10	691	3.20	7	5	ND	1	77	2	2	2	46	1.43	.062	18	24	.66	496	.03	5	2.35	.04	.08	1	138
KC-L4550E 1500N	11	259	13	137	.4	16	17	1378	4.31	5	5	ND	2	52	1	2	2	70	.47	.047	9	28	.71	289	.03	4	2.20	.03	.11	1	76
KC-L4550E 1475N	5	53	12	84	.3	17	8	332	4.36	9	5	ND	2	26	1	2	2	76	.20	.034	8	31	.55	168	.05	2	2.08	.02	.08	1	23
KC-L4550E 1450N	2	81	11	78	.1	25	11	518	3.74	12	5	ND	4	44	1	2	2	64	.35	.020	11	36	.83	125	.10	6	2.13	.03	.07	1	1
KC-L4550E 1425N	2	54	12	89	1.0	21	13	632	3.97	6	5	ND	3	33	1	2	2	68	.26	.049	9	35	.68	152	.04	4	2.47	.03	.09	1	1
KC-L4550E 1400N	4	146	14	89	.3	30	14	688	4.14	12	5	ND	3	40	1	2	2	69	.33	.015	11	40	.96	126	.09	3	2.81	.03	.07	1	9
KC-L4550E 1375N	11	420	8	105	.4	27	16	1142	3.56	5	5	ND	3	26	2	2	2	61	.17	.035	9	47	.55	146	.01	4	2.96	.02	.08	1	2
KC-L4550E 1350N	6	254	12	95	.4	26	9	550	3.35	6	5	ND	2	117	1	2	2	53	1.40	.065	13	32	.65	339	.02	2	2.55	.04	.09	2	1
KC-L4550E 1325N	4	34	9	65	.1	13	6	314	3.14	6	5	ND	2	43	1	2	2	84	.36	.013	5	37	.45	78	.10	2	1.19	.03	.02	1	44
KC-L4550E 1300N	3	55	12	76	.7	17	8	351	5.81	9	5	ND	3	24	1	2	2	116	.17	.072	6	54	.50	71	.11	3	2.77	.02	.05	1	23
KC-L4575E 2300N	3	45	34	483	.3	14	25	3784	5.61	33	5	ND	1	51	10	2	2	99	.73	.081	7	27	.91	430	.04	2	2.46	.03	.10	1	1
KC-L4575E 2275N	2	84	43	329	.5	20	27	1827	5.36	85	5	ND	2	51	5	2	2	97	.68	.058	5	26	1.43	83	.06	2	3.48	.04	.06	1	33
KC-L4575E 2250N	2	61	28	310	.8	15	13	787	6.50	94	5	ND	3	37	3	2	2	138	.44	.061	7	38	.93	77	.16	5	2.80	.04	.06	1	12
STD C/AU-S	18	58	37	133	7.2	67	27	1034	4.02	42	21	7	38	50	18	18	20	56	.48	.084	37	56	.84	178	.08	37	1.82	.08	.12	13	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4575E 2225N	3	71	31	381	.6	14	16	1110	7.67	74	5	ND	1	45	4	2	2	164	.66	.104	6	37	.95	139	.18	6	3.25	.05	.06	1	1
KC-L4575E 2200N	3	46	28	487	.6	14	16	1182	6.60	85	5	ND	2	26	6	2	2	149	.34	.070	8	35	.75	87	.13	4	2.93	.03	.09	1	1
KC-L4575E 2175N	4	35	23	255	.5	16	10	672	5.29	39	5	ND	2	24	2	2	2	108	.23	.050	8	34	.75	72	.12	5	2.36	.02	.09	1	5
KC-L4575E 2150N	3	44	24	303	.6	11	10	1286	4.97	35	5	ND	1	22	6	2	2	101	.24	.096	9	26	.53	150	.08	2	2.02	.03	.06	1	12
KC-L4575E 2125N	3	50	21	219	1.3	15	12	1090	5.80	50	5	ND	2	31	2	2	2	124	.44	.066	7	35	.96	151	.11	4	2.74	.03	.07	1	8
KC-L4575E 2100N	4	144	27	195	.5	15	11	1233	4.64	46	5	ND	1	24	2	2	2	89	.22	.051	7	28	.76	201	.04	2	2.31	.02	.05	1	72
KC-L4575E 2075N	4	50	20	151	.6	12	7	451	4.93	31	5	ND	1	21	1	2	2	101	.19	.040	8	28	.65	122	.07	2	2.07	.02	.05	2	42
KC-L4575E 2050N	4	51	20	154	.8	14	8	364	4.31	37	5	ND	1	22	2	2	2	92	.49	.031	8	26	.79	106	.06	4	2.32	.03	.05	1	13
KC-L4575E 2025N	3	138	28	374	2.4	19	12	1390	4.27	65	5	ND	3	47	3	2	2	82	1.29	.052	13	32	1.06	240	.06	4	2.57	.07	.06	1	39
KC-L4575E 2000N	5	69	26	160	.3	11	8	414	4.51	38	5	ND	1	23	3	2	2	90	.61	.037	7	26	.54	180	.06	2	1.73	.03	.05	1	51
KC-L4575E 1975N	7	324	13	80	.6	24	13	747	4.04	13	5	ND	4	75	1	2	2	60	.96	.044	12	33	.87	219	.07	2	2.25	.04	.10	2	133
KC-L4575E 1950N	11	354	16	85	.6	14	10	362	4.41	17	5	ND	3	26	1	2	2	69	.47	.029	9	22	.87	223	.04	4	2.36	.03	.11	1	265
KC-L4575E 1925N	6	217	38	278	1.7	16	16	1150	5.05	61	8	ND	3	35	3	3	2	99	.56	.036	7	32	1.03	155	.04	4	2.84	.03	.09	1	68
KC-L4575E 1900N	8	302	18	121	.4	18	11	485	4.74	32	5	ND	2	27	1	2	2	80	.41	.030	8	28	.77	253	.04	2	2.32	.03	.06	1	183
KC-L4575E 1875N	8	1054	11	112	.6	13	8	483	2.87	14	5	ND	1	71	1	2	2	37	2.57	.064	14	16	.57	382	.02	4	1.59	.03	.07	1	132
KC-L4575E 1850N	24	2105	16	101	1.0	17	10	540	4.10	12	19	ND	4	45	1	5	2	53	.86	.056	25	18	.81	320	.03	2	2.08	.04	.11	1	235
KC-L4575E 1825N	37	2852	16	125	.8	22	15	1417	4.48	10	5	ND	3	66	2	2	2	55	.97	.068	32	21	.84	591	.02	2	2.97	.03	.11	1	205
KC-L4575E 1800N	23	1007	20	95	.4	12	11	558	4.53	35	5	ND	3	47	1	3	2	67	.67	.056	15	19	.85	287	.06	5	1.62	.04	.09	1	405
KC-L4575E 1775N	21	1988	16	88	.4	11	8	405	4.00	11	5	ND	2	43	1	2	2	54	1.07	.054	21	16	.74	369	.03	2	1.98	.03	.08	1	375
KC-L4575E 1750N	31	2455	17	98	1.4	16	13	627	4.44	15	14	ND	3	45	2	4	2	56	.75	.053	18	19	.82	495	.04	2	2.00	.03	.11	1	260
KC-L4575E 1725N	55	1020	18	77	.8	13	15	555	5.35	9	5	ND	4	23	1	10	2	64	.23	.041	11	19	.86	133	.07	3	1.88	.02	.10	1	495
KC-L4575E 1700N	28	882	16	99	.6	19	14	637	4.71	21	5	ND	3	28	1	2	3	69	.28	.052	9	29	.83	139	.06	5	2.51	.03	.09	1	320
KC-L4575E 1675N	35	673	15	66	.7	14	11	414	4.89	8	5	ND	2	20	1	3	2	62	.20	.053	9	24	.76	127	.05	5	2.16	.02	.07	1	290
KC-L4575E 1650N	14	372	17	84	.6	16	8	314	4.86	13	5	ND	3	21	1	2	2	81	.15	.039	9	29	.71	213	.04	4	2.76	.02	.06	1	89
KC-L4575E 1625N	21	1717	20	111	1.9	23	13	485	5.14	13	5	ND	3	21	1	2	2	67	.18	.050	11	29	.83	274	.03	2	3.39	.02	.11	1	186
KC-L4575E 1600N	16	2692	16	113	1.0	27	16	1084	4.56	10	5	ND	2	44	1	2	2	78	.50	.044	27	44	.82	311	.04	2	2.63	.03	.08	1	305
KC-L4575E 1575N	21	2126	14	106	.8	22	12	589	4.39	9	5	ND	2	63	2	2	2	66	.76	.049	21	35	.93	609	.02	3	3.10	.04	.11	1	112
KC-L4575E 1550N	11	829	11	112	.8	28	14	760	5.30	7	7	ND	2	53	1	2	2	99	.47	.056	10	54	1.06	277	.07	5	2.96	.04	.08	1	2
KC-L4575E 1525N	14	917	15	108	.7	25	13	660	4.83	9	5	ND	3	46	2	2	2	77	.60	.032	10	38	.88	252	.03	3	3.01	.03	.10	1	62
KC-L4575E 1500N	12	2548	15	160	.6	41	12	877	4.38	9	5	ND	5	101	2	2	2	47	1.28	.093	48	38	.98	732	.01	2	5.44	.04	.13	1	39
STD C/AU-S	19	59	38	129	7.1	66	26	1037	3.94	37	21	7	37	48	17	17	19	54	.47	.082	37	57	.91	176	.07	37	1.78	.08	.14	13	47
KC-L4575E 1475N	13	435	15	99	.2	19	12	749	4.15	6	5	ND	2	52	1	2	2	64	.59	.047	12	25	.92	254	.04	2	2.43	.04	.10	1	116
KC-L4575E 1450N	4	144	7	65	.7	15	7	481	2.42	4	5	ND	1	68	1	2	2	48	.68	.035	10	29	.49	231	.04	2	1.62	.03	.06	1	25
KC-L4575E 1425N	3	75	11	177	.4	16	8	798	3.41	2	5	ND	1	38	2	2	2	80	.37	.039	5	37	.55	174	.06	2	1.77	.03	.06	1	12
KC-L4575E 1400N	7	700	15	150	.8	34	12	703	5.10	10	6	ND	3	68	2	2	2	93	.69	.086	16	56	.76	303	.03	3	4.12	.04	.08	1	52
KC-L4575E 1375N	5	111	12	100	.3	23	9	481	5.19	9	5	ND	1	48	2	2	2	99	.38	.048	7	47	.77	177	.07	2	2.59	.03	.06	1	6
KC-L4575E 1350N	6	120	11	110	.6	18	8	704	4.02	2	5	ND	2	54	1	2	2	87	.53	.034	7	46	.59	183	.05	4	1.87	.03	.05	1	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
KC-L4575E 1325N	3	51	10	106	.2	20	8	438	4.72	8	5	ND	1	36	1	2	2	90	.26	.039	6	44	.63	170	.09	2	1.97	.03	.04	1	21
KC-L4575E 1300N	5	288	8	98	1.1	28	14	1357	4.30	4	5	ND	2	90	2	2	2	89	1.02	.061	15	45	.80	244	.04	2	3.07	.04	.08	2	35
KC-L4600E 2225N	3	68	18	221	.4	20	13	543	5.31	64	5	ND	2	38	1	3	2	104	.47	.048	7	32	.89	84	.10	3	3.17	.04	.04	1	11
KC-L4600E 2200N	3	62	18	321	.2	18	12	955	6.38	115	5	ND	2	33	4	2	2	126	.43	.063	8	32	.88	89	.13	3	2.91	.04	.04	2	2
KC-L4600E 2175N	3	52	20	193	.5	20	11	595	5.96	51	5	ND	2	36	2	2	2	108	.47	.047	7	38	.95	118	.12	2	2.96	.03	.06	1	5
KC-L4600E 2150N	3	43	21	200	.7	13	9	498	4.83	48	5	ND	3	29	2	2	2	109	.56	.040	8	26	.63	85	.09	2	2.25	.03	.06	1	3
KC-L4600E 2125N	2	51	17	343	.5	16	13	1259	4.36	49	5	ND	2	30	3	2	2	84	.65	.031	8	30	.68	143	.07	2	2.43	.04	.04	2	1
KC-L4600E 2100N	3	85	18	197	.4	18	13	872	4.81	49	5	ND	1	32	3	2	2	102	.88	.050	7	30	.96	128	.06	2	2.66	.04	.03	1	1
KC-L4600E 2075N	4	102	47	251	2.1	15	19	2267	4.61	131	5	ND	2	43	4	2	2	104	1.39	.076	12	26	.53	175	.04	2	3.02	.04	.05	2	9
KC-L4600E 2050N	4	58	21	218	.7	15	9	512	5.49	73	5	ND	2	33	2	2	2	97	.58	.044	9	27	.67	130	.07	2	2.55	.03	.05	1	3
KC-L4600E 2025N	3	75	23	273	.5	20	15	820	4.78	57	5	ND	1	32	4	2	2	86	.60	.043	9	32	.85	204	.06	3	2.72	.03	.04	2	10
KC-L4600E 2000N	4	261	26	337	1.3	19	16	2387	4.68	44	5	ND	4	29	5	5	2	72	.93	.069	14	24	.65	280	.05	2	2.39	.03	.08	2	38
KC-L4600E 1975N	11	298	18	96	.7	16	11	910	5.49	28	5	ND	2	28	1	2	2	80	.48	.049	8	27	.76	154	.04	3	2.28	.03	.07	1	130
KC-L4600E 1950N	7	393	19	207	.5	21	14	645	5.28	33	5	ND	1	26	1	2	2	87	.31	.034	7	31	.87	173	.04	4	3.05	.03	.05	3	89
KC-L4600E 1925N	5	270	29	199	.8	19	14	698	4.80	66	5	ND	2	38	1	2	2	93	.83	.035	7	30	1.01	192	.04	2	2.95	.03	.06	1	105
KC-L4600E 1900N	8	825	21	176	.5	18	14	919	4.74	37	5	ND	2	49	2	2	2	82	1.01	.043	13	26	.95	220	.05	2	2.50	.04	.10	1	109
KC-L4600E 1875N	8	811	10	93	.5	16	11	534	3.65	14	5	ND	3	41	1	2	2	53	.84	.041	14	22	.70	276	.05	3	1.79	.04	.06	1	154
KC-L4600E 1850N	15	2756	12	102	.7	18	10	570	3.72	10	5	ND	3	60	2	4	2	43	1.34	.064	31	16	.68	445	.02	2	2.13	.04	.11	2	195
KC-L4600E 1825N	31	1386	16	91	.7	15	13	602	4.50	14	5	ND	2	44	1	5	2	62	.55	.056	20	19	.85	259	.05	2	1.99	.03	.09	1	345
KC-L4600E 1800N	33	1882	19	123	.5	20	16	1022	4.68	32	5	ND	3	67	1	4	2	60	1.27	.073	16	26	.90	541	.01	2	2.93	.04	.15	1	64
KC-L4600E 1775N	42	1130	16	84	1.1	13	8	358	4.43	13	7	ND	4	34	1	6	2	54	.83	.077	14	21	.82	283	.04	3	1.74	.04	.14	1	275
KC-L4600E 1750N	8	340	13	79	.2	17	7	346	6.03	8	5	ND	2	47	1	2	2	140	.83	.035	6	54	.50	255	.23	2	1.63	.04	.05	1	12
KC-L4600E 1725N	3	24	8	80	.3	16	8	464	4.29	6	5	ND	2	29	1	2	2	91	.27	.038	5	39	.52	217	.11	2	1.66	.02	.07	2	46
KC-L4600E 1700N	8	77	10	91	.4	21	9	366	5.01	7	5	ND	2	24	1	2	2	98	.22	.062	7	51	.61	111	.08	2	2.77	.02	.03	1	107
KC-L4600E 1675N	25	2064	15	126	.8	22	17	687	4.92	23	5	ND	4	45	1	3	2	63	.44	.065	14	27	.83	218	.02	2	3.34	.03	.14	1	75
KC-L4600E 1650N	33	3018	18	139	1.0	29	48	1481	5.07	20	5	ND	6	40	2	3	2	60	.55	.063	25	29	.91	299	.03	2	3.30	.03	.12	2	175
KC-L4600E 1625N	29	1308	16	86	1.0	14	10	427	4.83	13	5	ND	2	41	1	4	2	55	.46	.070	15	20	.81	247	.02	4	2.53	.03	.13	1	205
KC-L4600E 1600N	147	6905	25	130	.5	44	41	28125	8.68	27	5	ND	9	61	9	2	2	76	.71	.098	43	36	.81	1554	.01	2	4.81	.04	.14	1	69
KC-L4600E 1575N	25	1907	14	125	.8	28	21	1861	4.37	15	6	ND	4	80	1	2	2	55	1.07	.079	14	32	.89	685	.01	2	3.81	.04	.15	1	56
KC-L4600E 1550N	14	1079	11	81	.3	18	11	616	3.76	5	5	ND	2	53	1	2	2	60	.73	.044	10	25	.78	268	.05	2	2.27	.04	.08	2	205
KC-L4600E 1525N	27	2482	11	87	.8	12	10	499	4.25	9	5	ND	4	35	1	3	2	62	.54	.057	14	16	.80	244	.05	2	1.98	.03	.13	1	360
KC-L4600E 1500N	16	791	9	78	.3	15	13	598	4.12	5	5	ND	2	37	1	2	2	71	.41	.036	8	26	.73	155	.06	2	1.96	.03	.07	2	275
KC-L4600E 1475N	7	1126	13	88	.6	19	10	559	2.68	7	5	ND	3	75	1	2	2	48	.80	.055	21	24	.68	329	.04	2	2.37	.04	.07	1	102
KC-L4600E 1450N	8	652	14	122	.6	35	16	946	5.94	19	5	ND	3	75	1	2	2	116	.70	.048	15	55	.96	295	.06	2	3.76	.04	.11	1	52
KC-L4600E 1425N	4	198	16	192	.1	30	13	906	5.31	11	5	ND	1	44	2	2	2	113	.44	.052	7	47	.76	206	.09	2	2.97	.04	.07	2	8
KC-L4600E 1400N	3	30	12	144	.6	13	7	433	7.92	8	5	ND	2	33	3	2	2	161	.34	.144	4	52	.40	131	.25	2	2.11	.03	.07	1	2
STD C/AU-S	19	58	39	131	7.2	67	27	1029	4.04	38	18	6	38	50	18	18	19	57	.48	.086	38	61	.88	179	.08	34	1.82	.08	.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
KC-L4600E 1375N	2	117	12	150	.5	28	11	649	5.88	6	5	ND	3	67	1	2	2	110	.61	.059	8	52	.93	212	.12	2	2.64	.04	.11	1	9
KC-L4600E 1350N	1	80	9	81	.3	20	8	466	4.12	4	5	ND	2	41	1	2	2	91	.36	.030	9	45	.65	116	.09	2	1.94	.03	.05	1	7
KC-L4600E 1325N	2	210	8	104	.6	21	8	426	3.77	8	5	ND	2	33	1	2	2	75	.29	.036	19	33	.59	99	.06	2	2.55	.03	.04	1	22
KC-L4600E 1300N	1	54	9	66	.3	18	7	304	3.74	7	5	ND	2	44	1	2	2	82	.39	.022	7	36	.62	95	.09	3	1.63	.03	.05	1	25
KC-L4625E 2300N	1	40	21	280	.6	14	12	529	5.42	34	5	ND	3	42	3	2	2	103	.45	.066	8	22	.66	87	.10	2	2.11	.04	.08	1	7
KC-L4625E 2275N	1	48	16	271	.8	19	18	1078	5.27	46	5	ND	2	38	2	2	2	101	.43	.055	6	24	.94	82	.07	2	2.71	.04	.06	1	5
KC-L4625E 2250N	1	76	18	194	.8	14	12	880	5.43	48	5	ND	1	42	3	2	2	142	.64	.050	5	28	.93	116	.14	2	2.67	.04	.05	2	5
KC-L4625E 2225N	1	29	22	174	.5	13	10	1335	3.97	30	5	ND	2	32	2	2	2	101	.48	.033	6	25	.46	156	.09	2	1.59	.03	.06	1	4
KC-L4625E 2200N	1	29	30	227	.5	14	9	538	4.50	176	5	ND	2	21	2	2	2	82	.31	.023	8	26	.55	84	.08	2	1.98	.03	.03	1	5
KC-L4625E 2175N	1	158	36	350	.9	24	14	1226	5.31	86	5	ND	3	30	2	2	2	99	.76	.038	12	38	1.06	201	.04	2	4.15	.04	.05	1	26
KC-L4625E 2150N	1	95	30	341	1.3	22	18	938	5.22	91	5	ND	3	38	3	2	2	110	.72	.043	7	34	.97	119	.07	2	3.66	.04	.05	1	1
KC-L4625E 2125N	1	515	30	548	3.3	32	15	1558	5.20	121	5	ND	3	49	7	2	2	92	2.15	.055	13	43	1.16	266	.02	2	5.16	.04	.07	1	12
KC-L4625E 2100N	1	236	30	386	2.6	20	14	2707	4.55	62	5	ND	4	47	9	2	2	82	1.95	.086	15	29	.71	242	.04	2	3.09	.04	.07	1	2
KC-L4625E 2075N	2	55	19	130	.8	17	8	424	5.20	57	5	ND	3	29	1	2	2	122	.44	.030	6	27	.72	101	.10	3	2.19	.03	.07	1	5
KC-L4625E 2050N	10	108	14	164	.5	14	9	474	5.45	37	5	ND	1	28	1	2	2	95	.39	.045	7	23	.70	136	.06	3	2.29	.03	.09	1	66
STD C/AU-S	18	59	37	127	6.9	67	26	1000	3.89	40	20	7	38	48	17	17	21	55	.46	.083	36	55	.89	179	.07	38	1.74	.08	.16	13	48
KC-L4625E 2025N	2	69	14	111	.2	17	8	375	4.08	38	5	ND	2	25	1	2	2	81	.39	.034	6	27	.74	122	.06	2	1.92	.03	.06	1	39
KC-L4625E 2000N	6	286	15	132	.5	12	9	418	4.76	27	5	ND	2	21	1	2	2	93	.43	.039	7	25	.61	138	.04	3	1.94	.03	.09	1	123
KC-L4625E 1975N	7	745	21	218	1.1	14	16	1652	5.15	28	5	ND	3	32	4	2	2	71	.85	.085	18	22	.58	298	.02	2	2.29	.04	.06	1	109
KC-L4625E 1950N	6	138	17	168	.6	13	10	793	4.84	29	5	ND	2	24	1	2	2	83	.30	.047	9	19	.60	323	.04	2	1.96	.03	.09	1	93
KC-L4625E 1925N	3	428	22	152	.5	18	12	776	4.57	37	5	ND	2	53	1	2	2	88	.97	.052	10	31	.87	191	.09	4	1.82	.04	.08	1	484
KC-L4625E 1900N	3	393	25	146	.9	17	13	851	4.41	42	5	ND	2	52	1	3	2	83	.85	.043	10	24	.95	185	.06	3	2.34	.04	.08	1	304
KC-L4625E 1875N	6	397	10	93	.5	15	10	460	3.39	24	5	ND	2	39	2	2	2	58	.86	.031	9	19	.65	290	.03	2	1.95	.03	.06	1	180
KC-L4625E 1850N	11	1793	12	102	.9	17	10	585	3.97	15	5	ND	2	51	1	3	2	49	1.40	.068	19	17	.78	316	.03	2	1.98	.04	.10	1	224
KC-L4625E 1825N	13	883	14	101	1.1	14	7	344	3.76	12	5	ND	3	42	2	3	2	55	1.10	.036	11	17	.67	322	.04	2	1.76	.04	.08	1	202
KC-L4625E 1800N	40	3853	17	151	1.2	24	14	1033	4.30	28	5	ND	4	108	2	6	2	49	1.90	.114	22	22	.73	803	.01	2	3.20	.04	.12	1	163
KC-L4625E 1775N	7	106	12	79	.2	14	5	307	5.16	3	5	ND	2	45	2	2	2	141	.66	.036	5	43	.39	193	.18	3	1.33	.03	.05	1	1240
KC-L4625E 1750N	20	1539	17	142	.8	15	8	460	4.63	12	5	ND	3	46	2	4	2	66	1.09	.052	15	21	.62	441	.02	2	2.27	.03	.07	1	205
KC-L4625E 1725N	14	988	14	84	.8	16	11	634	4.04	21	5	ND	2	39	1	5	2	70	.73	.052	10	22	.73	214	.05	2	1.64	.03	.07	1	192
KC-L4625E 1700N	8	277	13	75	.1	20	7	324	3.10	12	5	ND	1	39	1	2	2	62	.54	.024	7	34	.75	186	.08	2	1.67	.03	.03	1	36
KC-L4625E 1675N	4	833	9	95	.6	24	8	415	2.89	6	5	ND	2	50	1	3	2	52	.92	.048	11	36	.81	288	.04	2	2.13	.04	.06	1	225
KC-L4625E 1650N	17	1084	11	107	.4	25	13	863	4.71	74	5	ND	3	32	1	2	2	71	.34	.049	14	33	.93	203	.04	2	2.88	.03	.10	1	230
KC-L4650E 2300N	1	81	15	232	.8	14	14	526	6.26	60	5	ND	3	61	4	2	2	118	.69	.075	7	24	.89	42	.11	2	3.60	.05	.06	1	5
KC-L4650E 2275N	1	62	14	238	.2	13	13	592	6.12	62	5	ND	1	56	5	2	2	133	.66	.063	6	27	.90	49	.15	4	2.86	.05	.04	1	4
KC-L4650E 2250N	1	44	19	375	.8	15	14	1915	4.47	29	5	ND	2	36	7	2	2	80	.60	.039	8	26	.57	157	.06	2	2.09	.03	.06	1	2
KC-L4650E 2225N	1	100	23	215	.9	20	15	771	5.25	74	5	ND	2	46	5	2	2	100	.81	.056	6	31	.89	76	.07	2	2.56	.04	.07	1	18
KC-L4650E 2200N	1	65	27	286	1.3	16	12	595	6.18	77	5	ND	2	37	4	2	2	124	.53	.052	5	25	1.00	83	.09	2	3.01	.04	.04	2	2

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4650E 2175N	3	652	51	666	2.8	40	19	1728	6.17	191	5	ND	3	43	8	13	2	116	1.63	.059	12	55	1.19	288	.01	2	6.22	.04	.06	3	5
KC-L4650E 2150N	3	299	37	251	1.8	26	17	1546	4.97	62	5	ND	2	39	7	10	2	89	1.79	.051	19	36	.85	223	.02	2	4.38	.04	.05	1	3
KC-L4650E 2125N	1	36	19	168	.7	11	6	575	3.33	18	5	ND	1	27	3	5	2	72	.53	.031	9	24	.38	124	.07	2	1.52	.03	.04	2	1
KC-L4650E 2100N	2	227	29	175	.4	23	14	1293	4.11	47	5	ND	2	40	5	11	2	81	1.50	.053	15	35	.81	207	.04	2	2.97	.04	.03	1	1
KC-L4650E 2075N	2	75	21	176	.6	19	13	744	4.45	45	5	ND	1	29	1	5	2	83	.45	.037	9	34	.73	183	.06	2	2.22	.03	.06	1	53
KC-L4650E 2050N	5	50	18	166	.8	9	10	742	3.96	14	5	ND	2	28	2	5	2	80	.30	.041	7	20	.32	243	.06	2	1.35	.02	.07	3	63
KC-L4650E 2025N	5	111	22	179	.2	14	11	763	5.12	34	5	ND	2	26	3	5	2	97	.21	.063	7	29	.61	209	.06	2	1.96	.02	.06	3	115
KC-L4650E 2000N	16	483	103	288	.4	34	18	6037	5.10	64	5	ND	3	35	3	11	2	39	.36	.045	15	20	1.08	1565	.02	2	2.45	.03	.10	2	68
KC-L4650E 1975N	6	221	23	132	.7	17	12	776	4.49	40	5	ND	2	28	1	8	2	77	.32	.038	8	29	.73	216	.06	2	2.05	.03	.06	1	192
KC-L4650E 1950N	6	448	17	143	.2	19	14	1290	3.65	36	5	ND	2	47	1	8	2	64	.81	.055	10	26	.80	420	.05	2	1.93	.04	.09	2	154
KC-L4650E 1925N	5	353	31	236	.7	18	14	1034	4.23	65	5	ND	2	47	3	8	2	76	1.19	.054	9	30	.95	226	.04	2	2.37	.04	.07	3	225
KC-L4650E 1900N	7	361	20	153	.4	17	15	758	5.95	35	5	ND	2	42	1	10	2	107	.96	.061	9	39	.89	164	.07	2	1.71	.04	.05	3	445
KC-L4650E 1875N	9	282	46	211	.6	23	18	2661	4.78	151	5	ND	2	61	3	6	2	65	1.21	.068	10	30	.79	195	.04	2	1.84	.04	.06	3	48
KC-L4650E 1850N	9	401	16	111	.3	21	13	1079	4.45	64	5	ND	2	55	1	8	2	75	.91	.057	12	34	.87	213	.06	4	2.13	.04	.07	1	274
KC-L4650E 1825N	9	144	13	104	.4	20	9	607	5.48	18	5	ND	2	48	2	5	2	118	.84	.036	9	53	.49	165	.10	2	1.71	.03	.05	2	13
KC-L4650E 1800N	10	611	8	193	.5	24	13	532	4.76	13	5	ND	2	53	5	4	2	87	.59	.045	8	42	.73	307	.05	2	2.61	.03	.06	1	11
KC-L4650E 1775N	11	1634	15	121	.5	32	15	591	4.82	17	5	ND	2	71	2	9	2	88	1.03	.064	17	40	.81	279	.06	2	2.68	.04	.06	2	480
KC-L4650E 1750N	6	53	11	78	.3	15	8	371	5.41	11	5	ND	2	29	1	3	2	135	.26	.040	5	43	.65	121	.22	2	1.88	.04	.05	2	15
KC-L4650E 1725N	5	137	9	55	.1	20	7	289	3.28	3	5	ND	1	42	1	5	2	66	.50	.023	6	35	.64	158	.07	2	1.77	.03	.02	1	2
KC-L4650E 1700N	2	25	7	65	.4	27	9	304	3.59	2	5	ND	3	34	1	7	2	78	.32	.037	7	50	.66	85	.10	3	2.22	.03	.05	2	1
KC-L4650E 1675N	2	28	9	68	.1	27	10	332	4.37	6	5	ND	2	35	1	5	2	98	.36	.050	8	59	.64	81	.12	3	2.19	.03	.02	1	275
KC-L4650E 1650N	1	27	10	69	.6	26	9	320	4.20	4	9	ND	4	34	1	4	2	96	.34	.045	8	54	.63	84	.11	3	2.04	.03	.06	1	405
KC-L4675E 2300N	2	42	18	219	.4	11	15	1280	4.28	20	5	ND	1	49	6	4	2	90	.79	.061	6	21	.44	139	.08	3	1.57	.04	.05	1	30
KC-L4675E 2275N	3	52	18	372	.6	13	12	972	6.07	52	5	ND	2	32	4	9	2	131	.44	.072	6	28	.87	108	.12	2	2.63	.03	.11	1	8
KC-L4675E 2250N	3	62	93	417	.5	11	12	2941	5.75	164	5	ND	1	54	6	12	2	110	.77	.087	6	18	.83	178	.10	3	2.35	.03	.09	3	9
KC-L4675E 2225N	2	104	24	208	.6	14	12	1081	4.72	78	5	ND	1	54	3	6	2	103	1.13	.056	6	27	.86	113	.06	2	2.49	.04	.05	1	1
KC-L4675E 2200N	3	103	27	380	1.1	21	24	2125	5.05	68	5	ND	2	41	11	7	2	91	.80	.065	8	36	.90	149	.07	2	2.52	.04	.06	1	15
KC-L4675E 2175N	2	137	28	380	.7	18	16	1515	4.38	103	5	ND	1	42	6	8	2	84	.94	.056	7	30	.88	161	.05	2	2.78	.04	.04	2	91
KC-L4675E 2150N	1	369	18	227	3.7	19	9	1285	2.72	46	5	ND	1	59	7	7	2	51	3.32	.108	11	26	.49	203	.01	2	2.26	.03	.05	1	1
KC-L4675E 2125N	2	49	15	167	.8	15	9	456	4.67	31	5	ND	2	25	2	7	2	96	.36	.044	8	28	.72	99	.08	2	2.24	.03	.05	3	8
KC-L4675E 2100N	2	361	39	375	1.3	25	16	2304	4.64	80	5	ND	2	44	6	7	2	96	1.42	.076	25	30	.74	200	.05	2	3.38	.05	.05	1	10
KC-L4675E 2075N	2	105	20	214	.5	23	13	1384	4.24	36	5	ND	2	30	2	3	2	72	.69	.053	12	33	.80	122	.05	2	2.44	.04	.08	1	35
KC-L4675E 2050N	4	72	18	141	.3	14	10	828	4.37	45	5	ND	1	25	2	4	2	91	.26	.051	5	25	.67	225	.05	2	1.88	.02	.07	1	85
KC-L4675E 2025N	6	196	16	101	.9	19	9	438	4.26	46	17	ND	2	30	1	7	2	78	.32	.042	7	31	.76	104	.06	3	2.28	.03	.08	2	189
KC-L4675E 2000N	4	26	9	141	.2	14	8	977	3.85	20	5	ND	1	19	1	2	2	76	.18	.061	6	39	.39	130	.06	2	1.83	.02	.04	1	8
KC-L4675E 1975N	5	27	13	113	.5	18	9	769	5.56	42	5	ND	2	44	1	4	2	122	.18	.092	7	64	.50	148	.08	2	2.54	.02	.06	3	58
STD C/AU-S	18	57	39	132	7.0	67	27	1033	3.97	40	16	6	37	49	18	17	21	56	.48	.084	37	57	.87	175	.08	38	1.80	.08	.12	12	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4675E 1950N	2	17	12	58	.1	17	7	349	3.74	5	5	ND	2	22	1	2	2	80	.17	.077	6	48	.39	79	.08	2	2.32	.02	.03	1	101
KC-L4675E 1925N	3	12	11	60	.3	9	4	491	3.91	2	5	ND	1	21	1	2	3	93	.15	.083	5	39	.23	118	.09	4	1.57	.02	.06	1	2
KC-L4675E 1900N	2	19	14	104	.2	15	7	447	3.67	2	5	ND	1	29	1	2	2	79	.25	.053	6	43	.40	130	.07	6	1.60	.02	.04	1	1
KC-L4675E 1875N	3	74	13	159	.2	25	11	448	4.47	2	6	ND	1	50	1	2	2	88	.41	.056	7	53	1.28	170	.11	4	3.12	.04	.07	1	129
KC-L4675E 1850N	12	87	20	130	.8	25	10	617	4.49	66	5	ND	2	31	2	2	2	85	.27	.064	6	44	.71	126	.04	3	1.88	.03	.09	1	38
KC-L4675E 1825N	10	254	22	112	.2	19	14	1133	4.33	75	5	ND	2	48	1	2	2	73	.78	.063	10	33	.83	128	.06	4	2.05	.04	.08	1	239
KC-L4675E 1800N	11	461	18	107	.2	19	15	1266	4.31	50	5	ND	2	42	1	2	2	70	.63	.056	11	30	.82	189	.06	5	2.12	.04	.07	1	235
KC-L4675E 1775N	11	244	21	165	.4	16	19	1453	3.95	22	5	ND	2	44	2	2	2	70	.58	.085	8	28	.89	250	.05	5	1.96	.04	.10	1	325
KC-L4675E 1750N	2	187	15	145	.1	22	9	345	2.86	9	5	ND	1	49	1	2	2	59	.62	.052	7	36	.89	148	.05	2	2.47	.04	.05	1	50
KC-L4675E 1725N	5	302	18	124	.3	24	13	708	3.54	36	7	ND	2	54	1	2	2	66	.66	.057	9	39	.95	164	.06	2	2.60	.04	.07	2	72
KC-L4675E 1700N	5	120	15	111	.1	23	10	385	3.56	22	5	ND	1	44	1	2	2	73	.44	.044	7	44	.93	121	.08	2	2.41	.03	.05	1	78
KC-L4700E 2250N	8	115	12	128	.1	27	16	674	3.95	79	5	ND	1	68	1	2	2	64	1.08	.073	8	42	.86	153	.07	2	2.11	.05	.06	1	2
KC-L4700E 2100N	9	39	9	102	.3	16	8	498	3.94	109	8	ND	2	26	2	2	2	82	.28	.049	6	37	.37	120	.06	2	1.57	.02	.10	1	1
KC-L4700E 2075N	4	39	9	69	.1	26	9	582	3.63	28	5	ND	2	32	1	2	2	72	.28	.032	8	47	.62	103	.08	7	2.12	.03	.04	1	1
KC-L4700E 2050N	4	25	10	93	.1	19	10	761	5.04	58	5	ND	2	20	1	2	2	108	.18	.070	6	52	.48	88	.09	5	2.45	.02	.06	1	16
KC-L4700E 2025N	1	25	16	120	.4	27	11	672	5.84	7	5	ND	3	41	1	2	2	129	.35	.111	8	74	.71	115	.12	3	3.46	.03	.05	1	136
KC-L4700E 2000N	2	22	12	104	.1	18	9	807	5.25	4	5	ND	1	25	1	2	2	105	.20	.144	7	59	.47	136	.10	6	3.75	.03	.03	1	105
KC-L4700E 1975N	1	33	10	84	.1	29	10	456	4.00	6	5	ND	3	32	1	2	2	84	.28	.048	8	56	.72	100	.09	7	2.40	.03	.04	1	1
KC-L4700E 1950N	1	25	9	70	.1	14	8	667	5.10	2	5	ND	1	20	1	2	2	117	.14	.091	5	64	.22	134	.08	2	1.98	.02	.03	1	1
KC-L4700E 1925N	1	16	13	85	.1	13	7	464	5.36	3	5	ND	1	29	1	2	2	127	.19	.075	5	54	.35	188	.11	5	1.74	.02	.04	1	1
KC-L4700E 1900N	3	31	9	68	.3	21	6	239	2.06	5	5	ND	2	72	1	2	2	45	.97	.056	8	38	.62	150	.06	2	2.05	.04	.05	1	6
KC-L4700E 1875N	1	15	8	78	.1	18	6	269	1.73	2	6	ND	2	66	1	2	2	39	.69	.035	6	32	.72	145	.09	5	2.05	.04	.03	1	12
KC-L4700E 1850N	1	40	14	100	.3	18	8	267	1.79	3	5	ND	2	62	1	2	2	44	.72	.039	7	33	.64	168	.06	3	2.29	.04	.05	2	8
KC-L3925E 1750N	8	1182	35	121	.7	14	11	319	2.96	18	5	ND	2	48	2	3	2	75	1.05	.058	12	20	.74	275	.06	6	1.74	.05	.06	1	1340
KC-L3925E 1650N	6	329	11	118	.4	23	12	646	3.86	11	8	ND	2	70	1	2	2	77	1.01	.064	11	59	1.04	469	.07	2	2.41	.05	.05	1	95
KC-L3925E 1625N	4	784	17	118	.3	17	9	565	4.17	15	8	ND	2	45	1	2	2	71	.62	.051	13	23	.80	314	.06	7	1.66	.04	.07	1	161
KC-L3925E 1600N	2	655	14	197	.1	17	10	755	3.96	15	5	ND	1	22	1	2	2	71	.62	.021	8	24	1.38	557	.07	5	2.74	.04	.10	1	143
KC-L3925E 1575N	4	659	12	163	.4	17	9	808	3.81	15	8	ND	1	37	1	2	2	65	.99	.040	8	23	1.27	463	.06	6	2.47	.04	.08	1	185
KC-L3950E 1650N	6	154	18	113	.1	18	13	401	3.28	7	5	ND	3	68	1	2	2	91	.88	.029	11	24	1.25	480	.11	2	2.84	.06	.06	1	5
KC-L3950E 1550N	9	1043	10	175	.4	29	13	1826	3.54	21	5	ND	2	39	2	2	2	81	1.11	.045	9	38	1.19	419	.08	2	2.12	.04	.13	1	20
KC-L3975E 1625N	2	100	11	89	.1	10	13	1266	4.26	9	7	ND	4	87	1	2	2	76	1.10	.049	12	13	1.24	412	.11	2	2.61	.06	.11	1	6
KC-L3975E 1600N	3	131	5	115	.1	10	14	881	4.51	8	5	ND	3	62	1	2	2	103	1.24	.048	12	11	1.56	404	.15	5	2.60	.06	.07	1	1
KC-L3975E 1575N	3	100	10	85	.3	19	10	436	3.05	2	5	ND	3	88	1	2	2	79	.87	.047	12	31	.96	368	.13	6	2.02	.05	.06	1	13
KC-L3975E 1550N	5	123	14	93	.4	18	10	377	2.81	9	8	ND	5	59	1	2	2	76	.75	.032	14	27	.89	393	.08	5	2.31	.05	.05	1	21
KC-L3975E 1525N	4	185	11	133	.1	10	11	651	3.03	6	5	ND	2	107	1	2	2	78	1.56	.053	11	14	1.05	324	.16	6	3.06	.10	.03	1	10
STD C/AU-S	18	57	37	132	7.1	68	27	1027	4.04	39	18	7	38	50	18	18	20	56	.48	.085	37	61	.85	177	.08	33	1.83	.08	.12	13	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
KC-L4075E 1725N	12	2278	15	124	.4	13	12	646	4.01	13	5	ND	2	48	2	2	2	57	1.13	.061	9	22	.67	402	.04	3	1.74	.04	.09	1	475
KC-L4075E 1700N	13	2453	21	115	1.0	15	8	516	4.03	10	5	ND	3	61	2	2	2	60	1.04	.058	13	24	.73	377	.07	6	2.00	.04	.08	1	205
KC-L4075E 1675N	15	2456	16	99	1.2	14	8	836	4.26	11	5	ND	2	67	1	2	2	53	1.21	.074	16	22	.64	406	.04	5	2.02	.04	.06	2	185
KC-L4075E 1650N	4	432	15	103	.4	18	11	517	3.60	11	5	ND	3	75	1	2	2	70	1.09	.043	14	24	.85	365	.06	4	2.52	.05	.07	1	52
KC-L4075E 1625N	9	145	9	83	.4	17	10	550	3.34	10	5	ND	3	76	1	2	2	72	.94	.043	15	24	.95	348	.12	2	2.53	.06	.07	1	6
KC-L4075E 1600N	5	123	8	85	.1	15	11	465	3.23	11	5	ND	2	75	1	2	2	76	1.03	.052	12	21	.93	386	.08	4	2.52	.05	.05	1	15
KC-L4075E 1575N	3	171	10	101	.3	14	11	928	3.42	10	5	ND	3	76	1	2	2	69	.87	.048	11	22	1.05	471	.09	3	2.73	.05	.07	1	12
KC-L4075E 1550N	1	47	10	80	.1	14	9	567	3.56	7	5	ND	3	115	1	2	2	71	.88	.043	11	20	.94	259	.13	3	2.29	.06	.08	2	19
KC-L4075E 1525N	3	56	10	80	.5	17	10	770	3.49	7	5	ND	3	117	1	2	2	71	1.20	.038	13	23	.95	304	.07	2	2.92	.05	.10	1	2
KC-L4075E 1500N	2	76	8	101	.9	12	11	573	4.32	9	5	ND	3	147	1	2	2	83	1.64	.071	18	15	1.14	381	.07	2	3.14	.06	.10	1	6
KC-L4225E 2250N	2	136	15	138	.5	23	14	768	4.04	57	5	ND	2	43	1	2	2	82	.84	.036	10	39	.95	136	.07	2	3.02	.04	.06	1	1
KC-L4225E 2225N	2	143	19	108	.2	21	17	996	3.80	44	5	ND	3	47	1	2	2	79	.77	.029	9	36	.96	128	.12	6	2.06	.04	.05	2	18
KC-L4275E 2250N	7	91	33	215	.6	26	14	2100	4.86	200	5	ND	3	24	2	3	2	100	.56	.037	9	36	1.12	286	.04	2	2.93	.03	.07	1	7
STD C/AU-S	19	58	39	126	7.2	65	26	1011	3.93	40	20	7	38	48	18	17	19	55	.46	.083	37	55	.90	176	.07	36	1.85	.08	.12	14	47
KC-L4275E 2225N	3	484	40	772	1.3	27	16	2087	4.30	405	5	ND	3	53	10	4	2	75	1.13	.054	15	36	.97	128	.05	2	2.86	.05	.08	2	10
KC-L4350E 2150N	3	198	79	343	1.5	24	15	1297	4.75	210	5	ND	2	43	3	2	2	99	1.06	.035	8	41	1.28	129	.04	2	3.46	.04	.07	2	38
KC-L4525E 1375N	6	737	20	150	.5	21	12	767	4.15	38	5	ND	2	47	1	2	2	77	.86	.027	18	28	.93	327	.05	2	2.56	.04	.07	1	73
KC-L4525E 1350N	6	601	24	129	.4	20	13	928	4.12	52	5	ND	3	49	1	2	2	75	.82	.029	13	30	1.00	290	.06	4	2.39	.04	.09	1	225
KC-L4425E 2000N	5	366	40	263	1.6	24	15	1502	4.83	97	5	ND	2	55	2	2	2	94	1.40	.070	13	37	1.30	215	.05	2	3.25	.04	.07	1	42
KC-L4425E 1975N	5	616	19	173	.5	25	14	1022	4.49	54	5	ND	2	54	1	2	2	82	1.20	.040	12	34	1.17	269	.06	3	2.90	.04	.08	1	56
KC-L4450E 2025N	6	250	32	229	1.0	24	18	1761	4.06	56	5	ND	4	65	2	2	2	91	1.07	.054	10	37	1.33	276	.10	5	2.76	.05	.10	1	72
KC-L4450E 2000N	5	314	33	219	.5	26	17	1512	4.79	83	5	ND	3	51	2	2	2	88	1.04	.045	13	38	1.23	244	.07	2	3.02	.04	.08	1	14
KCA-L4100E 1675N	13	2237	16	97	.9	23	14	1497	4.41	18	5	ND	4	66	1	2	2	63	1.37	.098	29	30	.95	662	.01	2	4.24	.04	.13	1	142
KCA-L4100E 1650N	9	831	15	95	.9	14	8	331	3.10	10	5	ND	3	58	1	2	2	70	.98	.048	11	24	.75	346	.05	5	2.17	.04	.07	2	172
KCA-L4100E 1625N	3	145	13	97	.3	17	12	539	3.90	7	5	ND	4	174	1	2	2	81	1.00	.050	12	26	.94	424	.11	5	2.48	.06	.05	1	29
KCA-L4100E 1600N	2	74	10	82	.3	21	9	510	3.50	7	5	ND	3	65	1	2	2	64	.94	.039	13	30	.84	300	.09	2	2.45	.05	.07	1	44
KCA-L4100E 1575N	2	59	11	77	.1	18	9	627	3.25	4	5	ND	2	66	1	2	2	61	1.03	.039	11	24	.81	311	.08	2	2.21	.04	.05	1	18
KCA-L4100E 1550N	2	40	11	67	.2	14	8	429	3.17	5	5	ND	3	85	1	2	2	65	.82	.036	10	22	.82	279	.13	8	2.01	.05	.06	1	103
KCA-L4100E 1525N	2	50	10	79	.6	15	11	725	4.02	10	5	ND	4	92	1	2	2	78	.90	.036	12	26	1.14	450	.13	5	3.01	.06	.09	1	10
KCA-L4100E 1500N	2	366	11	147	.7	14	9	326	2.21	4	5	ND	4	113	1	2	2	75	1.26	.060	16	23	1.25	357	.09	5	2.81	.06	.06	1	3
KC-L4100N 1700E	6	830	17	91	.4	14	9	401	3.89	10	5	ND	2	40	1	2	2	64	.42	.014	8	16	.63	276	.05	2	1.94	.03	.08	1	415
KC-L4100N 1725E	5	706	19	94	.5	18	9	369	4.27	20	5	ND	2	30	1	2	2	77	.29	.014	9	26	.80	270	.05	4	2.25	.03	.06	1	93
KC-L4100N 1750E	8	427	20	138	.7	8	10	575	4.63	6	5	ND	2	17	1	3	2	74	.26	.034	6	15	.59	250	.02	2	2.02	.03	.08	1	83
KC-L4100N 1775E	11	264	20	109	.2	6	6	210	4.43	8	5	ND	1	19	1	2	2	73	.22	.029	5	14	.37	138	.03	2	1.59	.02	.05	2	295
KC-L4100N 1800E	16	445	19	117	.3	11	11	299	4.66	9	5	ND	1	22	1	3	2	69	.21	.021	6	19	.61	134	.04	4	1.82	.02	.06	1	305
KC-L4100N 1825E	7	1786	17	113	.5	16	12	532	3.97	10	5	ND	5	39	1	2	2	61	.58	.055	11	23	.77	240	.06	4	1.62	.04	.12	1	390
KC-L4100N 1850E	5	589	16	166	.4	16	11	528	4.45	21	5	ND	1	17	1	2	2	79	.15	.033	7	25	.80	157	.04	5	2.30	.02	.06	1	112

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
KC-L4100N 1875E	6	159	33	141	.4	18	10	469	4.37	74	5	ND	3	21	1	4	2	85	.20	.033	6	30	.79	147	.04	4	2.17	.02	.05	1	32
KC-L4100N 1900E	4	646	15	114	.7	15	9	354	3.69	19	5	ND	2	22	1	2	2	64	.53	.022	8	19	.82	353	.02	3	2.30	.03	.04	1	162
KC-L4100N 1925E	6	571	18	160	.2	13	8	340	4.12	31	5	ND	1	22	1	3	2	82	.57	.025	6	17	.76	278	.02	3	2.24	.03	.04	1	131
KC-L4100N 1950E	4	56	28	253	.5	16	15	972	6.23	101	5	ND	1	25	1	2	2	134	.58	.051	4	36	1.05	263	.03	2	3.01	.03	.05	2	3
KC-L4100N 1975E	2	50	25	293	.5	18	14	868	5.84	89	6	ND	2	26	2	4	2	127	.67	.062	4	38	1.19	185	.03	2	3.19	.03	.05	3	64
KC-L4100N 2000E	3	39	30	371	.1	13	13	1419	5.65	84	6	ND	1	25	5	2	2	127	.49	.082	5	32	.85	388	.03	2	2.42	.03	.06	1	1
KC-L4100N 2025E	4	37	25	332	.4	14	13	2068	5.28	74	5	ND	1	51	7	2	2	120	.95	.091	6	27	.78	1245	.03	3	2.43	.04	.06	1	26
KC-L4100N 2050E	3	41	19	545	.3	15	14	982	5.23	72	5	ND	2	34	3	4	2	124	.56	.060	5	32	1.01	557	.04	3	2.92	.03	.07	1	12
KC-L4100N 2075E	2	107	40	329	.5	23	19	1255	5.22	122	5	ND	2	24	6	4	2	111	.52	.039	7	42	1.25	331	.06	4	2.94	.03	.07	1	4
KC-L4100N 2100E	2	37	19	422	.4	15	11	821	4.77	42	5	ND	2	21	3	3	2	110	.38	.033	6	34	.93	142	.12	5	2.27	.03	.04	1	1
KC-L4100N 2125E	4	228	87	1692	1.2	20	12	3652	4.04	489	7	ND	3	32	26	6	2	77	1.20	.097	19	37	.62	342	.02	3	3.16	.03	.06	1	2
KC-L4100N 2150E	3	43	54	486	.2	16	16	3101	5.91	56	5	ND	1	17	4	4	2	121	.31	.046	6	29	1.14	377	.02	2	3.41	.03	.05	2	1
KC-L4100N 2175E	2	51	68	513	.5	17	12	922	5.08	54	7	ND	2	20	1	6	2	115	.35	.033	6	32	1.13	95	.03	3	3.12	.03	.05	1	3
KC-L4100N 2200E	1	55	18	167	.5	17	9	444	5.11	59	5	ND	2	17	1	2	2	113	.13	.043	7	30	.73	92	.07	4	2.90	.02	.06	1	25
KC-L4100N 2225E	2	35	44	235	.4	15	10	562	4.72	33	5	ND	2	24	2	3	2	111	.39	.028	7	42	.74	86	.07	3	1.98	.03	.03	1	1
KC-L4100N 2250E	1	48	13	140	.4	14	9	424	5.02	56	5	ND	2	25	1	5	2	101	.17	.049	8	26	.73	88	.13	4	2.51	.03	.04	1	1
KCA-L4050E 1675N	35	3178	18	87	1.8	14	10	985	4.98	18	6	ND	3	74	2	5	2	55	1.39	.107	19	21	.50	470	.03	2	2.01	.04	.10	1	245
KCA-L4050E 1675NA	4	320	12	104	.3	19	12	782	4.28	8	5	ND	2	63	1	2	2	75	1.14	.047	13	31	.91	404	.08	2	2.59	.05	.05	2	38
KCA-L4050E 1625N	9	228	10	75	.9	16	11	567	3.18	8	5	ND	3	88	1	2	2	74	1.39	.071	14	24	.79	438	.07	2	2.48	.07	.06	1	8
KCA-L4050E 1600N	5	200	8	97	.3	12	8	533	3.21	7	5	ND	2	77	1	2	2	55	1.56	.058	9	17	.59	602	.05	2	2.00	.04	.03	1	10
KCA-L4050E 1575N	4	107	8	100	.3	13	15	1387	5.02	8	5	ND	3	53	1	2	2	75	.69	.051	9	21	.99	401	.09	2	2.30	.04	.04	1	27
KCA-L4050E 1550N	1	40	10	72	.1	12	8	511	3.37	5	5	ND	2	115	1	3	2	67	.93	.038	9	16	.85	256	.13	2	2.12	.05	.08	1	26
STD C/AU-S	17	57	37	132	7.3	67	27	1034	4.00	40	19	7	38	49	17	17	18	56	.48	.085	37	55	.84	175	.08	33	1.80	.08	.12	12	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
KC-L4223 1850	5	2311	13	109	.1	10	22	2316	4.91	17	5	ND	1	57	1	2	2	70	.83	.019	2	27	.38	1181	.02	3	.67	.04	.04	1	310

Appendix B
Geophysical Raw Data

VLF-EM SURVEY : Kemmess Creek Property

Date : September/October 1987
Instrument : Sabre Electronics Model 27 Electromagnetometer
Frequency : 21.4 kHz transmitted from NSS Annapolis, MD
18.6 kHz transmitted from NLK Seattle, WA

Baseline : 0.0N Baseline Azimuth : 90 Degrees
Number of Lines : 34 NTS : 94D/15E&W & 94E/2E&W

Dip Angles measured in degrees.
Field Strength measure in relative percentages.

Line: 3900.0E Number of Stations: 44

Station	Seattle Dip Angle	Field Str.	Annapolis Dip Angle	Field Str.
1300.0N	-5.0	75.0	nil	nil
1325.0N	-2.0	68.0	nil	nil
1350.0N	1.0	67.0	nil	nil
1375.0N	0.0	72.0	nil	nil
1400.0N	4.0	72.0	nil	nil
1425.0N	4.0	68.0	nil	nil
1450.0N	1.0	70.0	nil	nil
1475.0N	0.0	69.0	nil	nil
1500.0N	2.0	68.0	3.0	49.0
1525.0N	-2.0	64.0	-1.0	45.0
1550.0N	-3.0	62.0	1.0	44.0
1575.0N	-5.0	60.0	2.0	44.0
1600.0N	-4.0	59.0	-2.0	44.0
1625.0N	-2.0	54.0	-2.0	41.0
1650.0N	-2.0	52.0	-1.0	38.0
1675.0N	-2.0	56.0	4.0	38.0
1700.0N	-3.0	58.0	3.0	41.0
1725.0N	-1.0	59.0	1.0	38.0
1750.0N	-1.0	57.0	1.0	38.0
1775.0N	1.0	61.0	4.0	36.0
1800.0N	2.0	60.0	8.0	36.0
1825.0N	1.0	60.0	7.0	38.0
1850.0N	2.0	63.0	9.0	38.0
1875.0N	5.0	63.0	11.0	38.0
1900.0N	4.0	70.0	7.0	48.0
1925.0N	-6.0	65.0	0.0	42.0
1950.0N	-5.0	62.0	10.0	37.0
1975.0N	-3.0	64.0	14.0	34.0
2000.0N	-2.0	64.0	19.0	39.0
2025.0N	5.0	67.0	18.0	44.0
2050.0N	10.0	60.0	-3.0	45.0
2075.0N	7.0	64.0	9.0	38.0
2100.0N	10.0	66.0	19.0	36.0
2125.0N	10.0	68.0	24.0	48.0
2150.0N	6.0	75.0	9.0	61.0
2175.0N	3.0	76.0	5.0	56.0

2200.0N	0.0	73.0	3.0	50.0
2225.0N	-1.0	68.0	2.0	48.0
2250.0N	0.0	63.0	4.0	49.0
2275.0N	0.0	66.0	nil	nil
2300.0N	-1.0	64.0	nil	nil
2325.0N	nil	nil	nil	nil
2350.0N	nil	nil	nil	nil
2375.0N	nil	nil	nil	nil

Line: 3925.0E Number of Stations: 41

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-1.0	58.0	nil	nil
1325.0N	-9.0	60.0	nil	nil
1350.0N	-5.0	62.0	nil	nil
1375.0N	-4.0	64.0	nil	nil
1400.0N	-3.0	65.0	nil	nil
1425.0N	-4.0	67.0	nil	nil
1450.0N	-5.0	63.0	nil	nil
1475.0N	-5.0	58.0	nil	nil
1500.0N	-2.0	60.0	0.0	41.0
1525.0N	-3.0	55.0	-2.0	40.0
1550.0N	-2.0	58.0	-1.0	38.0
1575.0N	-4.0	57.0	1.0	38.0
1600.0N	-3.0	58.0	1.0	38.0
1625.0N	-2.0	67.0	1.0	37.0
1650.0N	1.0	67.0	0.0	37.0
1675.0N	4.0	66.0	4.0	36.0
1700.0N	0.0	67.0	5.0	39.0
1725.0N	1.0	68.0	4.0	38.0
1750.0N	0.0	72.0	5.0	37.0
1775.0N	2.0	69.0	5.0	39.0
1800.0N	2.0	69.0	7.0	36.0
1825.0N	1.0	80.0	5.0	37.0
1850.0N	1.0	78.0	8.0	36.0
1875.0N	1.0	77.0	10.0	37.0
1900.0N	1.0	80.0	5.0	44.0
1925.0N	0.0	71.0	1.0	35.0
1950.0N	-2.0	0.0	2.0	39.0
1975.0N	-1.0	65.0	15.0	32.0
2000.0N	0.0	73.0	23.0	38.0
2025.0N	3.0	69.0	13.0	59.0
2050.0N	-2.0	62.0	0.0	2.0
2075.0N	6.0	76.0	9.0	36.0
2100.0N	19.0	79.0	27.0	34.0
2125.0N	12.0	84.0	16.0	56.0
2150.0N	4.0	84.0	8.0	55.0
2175.0N	2.0	83.0	3.0	50.0
2200.0N	2.0	80.0	2.0	45.0
2225.0N	3.0	75.0	1.0	45.0
2250.0N	2.0	77.0	4.0	47.0
2275.0N	3.0	80.0	5.0	43.0
2300.0N	1.0	80.0	3.0	45.0

Line: 3950.0E Number of Stations: 42

Station	Seattle Dip Angle	Field Str.	Annapolis Dip Angle	Field Str.
1300.0N	-3.0	53.0	nil	nil
1325.0N	-3.0	50.0	nil	nil
1350.0N	-3.0	55.0	nil	nil
1375.0N	-1.0	53.0	nil	nil
1400.0N	-2.0	60.0	nil	nil
1425.0N	0.0	63.0	nil	nil
1450.0N	-2.0	62.0	nil	nil
1475.0N	-2.0	60.0	nil	nil
1500.0N	-2.0	60.0	0.0	33.0
1525.0N	-1.0	70.0	-1.0	33.0
1550.0N	-3.0	70.0	-1.0	32.0
1575.0N	-4.0	71.0	-2.0	32.0
1600.0N	-3.0	66.0	6.0	32.0
1625.0N	-4.0	71.0	-1.0	33.0
1650.0N	-1.0	66.0	2.0	30.0
1675.0N	1.0	70.0	3.0	30.0
1700.0N	-2.0	68.0	1.0	32.0
1725.0N	-2.0	72.0	2.0	29.0
1750.0N	3.0	73.0	7.0	30.0
1775.0N	5.0	70.0	7.0	31.0
1800.0N	5.0	72.0	5.0	32.0
1825.0N	3.0	73.0	6.0	28.0
1850.0N	5.0	78.0	9.0	30.0
1875.0N	1.0	82.0	8.0	30.0
1900.0N	-1.0	78.0	7.0	29.0
1925.0N	0.0	71.0	2.0	29.0
1950.0N	0.0	68.0	12.0	22.0
1975.0N	2.0	68.0	17.0	22.0
2000.0N	4.0	70.0	25.0	25.0
2025.0N	7.0	67.0	17.0	37.0
2050.0N	10.0	79.0	0.0	35.0
2075.0N	8.0	88.0	14.0	28.0
2100.0N	0.0	90.0	19.0	36.0
2125.0N	5.0	85.0	4.0	39.0
2150.0N	0.0	85.0	1.0	36.0
2175.0N	1.0	81.0	-1.0	33.0
2200.0N	1.0	82.0	2.0	33.0
2225.0N	0.0	83.0	2.0	31.0
2250.0N	1.0	84.0	3.0	33.0
2275.0N	-1.0	82.0	2.0	33.0
2300.0N	-3.0	74.0	2.0	30.0
2325.0N	nil	nil	nil	nil

Line: 3975.0E Number of Stations: 42

	Seattle		Annapolis	

Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-2.0	55.0	nil	nil
1325.0N	0.0	57.0	nil	nil
1350.0N	0.0	61.0	nil	nil
1375.0N	3.0	64.0	nil	nil
1400.0N	0.0	65.0	nil	nil
1425.0N	1.0	67.0	nil	nil
1450.0N	-1.0	67.0	nil	nil
1475.0N	-3.0	65.0	nil	nil
1500.0N	0.0	80.0	5.0	47.0
1525.0N	0.0	84.0	-1.0	47.0
1550.0N	-2.0	82.0	0.0	40.0
1575.0N	2.0	83.0	-2.0	47.0
1600.0N	-2.0	79.0	2.0	38.0
1625.0N	-2.0	79.0	0.0	38.0
1650.0N	0.0	80.0	2.0	36.0
1675.0N	1.0	85.0	2.0	38.0
1700.0N	-1.0	88.0	0.0	38.0
1725.0N	-2.0	88.0	0.0	34.0
1750.0N	0.0	86.0	7.0	34.0
1775.0N	3.0	91.0	10.0	36.0
1800.0N	3.0	96.0	3.0	38.0
1825.0N	0.0	97.0	2.0	34.0
1850.0N	-3.0	93.0	0.0	33.0
1875.0N	-5.0	90.0	5.0	31.0
1900.0N	-5.0	85.0	8.0	29.0
1925.0N	-3.0	78.0	10.0	28.0
1950.0N	4.0	75.0	12.0	24.0
1975.0N	6.0	78.0	21.0	25.0
2000.0N	11.0	78.0	24.0	28.0
2025.0N	9.0	88.0	19.0	38.0
2050.0N	8.0	92.0	1.0	38.0
2075.0N	4.0	91.0	4.0	32.0
2100.0N	0.0	94.0	14.0	50.0
2125.0N	0.0	91.0	3.0	40.0
2150.0N	0.0	88.0	2.0	35.0
2175.0N	1.0	85.0	0.0	34.0
2200.0N	0.0	82.0	1.0	33.0
2225.0N	-2.0	82.0	1.0	34.0
2250.0N	-2.0	82.0	-2.0	32.0
2275.0N	4.0	79.0	1.0	30.0
2300.0N	-4.0	79.0	5.0	29.0
2325.0N	nil	nil	nil	nil

Line: 4000.0E Number of Stations: 40

Station	Seattle Dip Angle	Field Str.	Annapolis Dip Angle	Field Str.
1300.0N	1.0	57.0	8.0	35.0
1325.0N	4.0	62.0	7.0	41.0
1350.0N	3.0	58.0	8.0	41.0
1375.0N	0.0	70.0	4.0	45.0
1400.0N	0.0	70.0	4.0	43.0
1425.0N	1.0	71.0	2.0	38.0

1450.0N	0.0	74.0	0.0	44.0
1475.0N	2.0	73.0	1.0	41.0
1500.0N	-3.0	66.0	0.0	45.0
1525.0N	-3.0	64.0	-3.0	44.0
1550.0N	-3.0	62.0	-3.0	42.0
1575.0N	-4.0	64.0	-2.0	38.0
1600.0N	-2.0	59.0	2.0	38.0
1625.0N	-1.0	58.0	5.0	41.0
1650.0N	0.0	67.0	3.0	42.0
1675.0N	-2.0	65.0	2.0	48.0
1700.0N	-8.0	62.0	-4.0	37.0
1725.0N	-5.0	63.0	3.0	36.0
1750.0N	-4.0	63.0	5.0	40.0
1775.0N	-6.0	68.0	0.0	44.0
1800.0N	-6.0	67.0	-7.0	40.0
1825.0N	-9.0	60.0	0.0	35.0
1850.0N	-8.0	61.0	3.0	35.0
1875.0N	-7.0	58.0	6.0	35.0
1900.0N	-5.0	58.0	6.0	35.0
1925.0N	0.0	60.0	12.0	34.0
1950.0N	6.0	60.0	17.0	30.0
1975.0N	6.0	62.0	25.0	34.0
2000.0N	9.0	68.0	21.0	43.0
2025.0N	4.0	74.0	16.0	49.0
2050.0N	3.0	75.0	1.0	56.0
2075.0N	3.0	68.0	10.0	41.0
2100.0N	0.0	71.0	19.0	56.0
2125.0N	-1.0	73.0	10.0	56.0
2150.0N	-1.0	73.0	0.0	53.0
2175.0N	0.0	72.0	1.0	46.0
2200.0N	1.0	73.0	3.0	43.0
2225.0N	-1.0	74.0	0.0	44.0
2250.0N	-4.0	71.0	2.0	46.0
2275.0N	nil	nil	nil	nil

Line: 4025.0E Number of Stations: 42

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	4.0	66.0	6.0	40.0
1325.0N	1.0	70.0	7.0	41.0
1350.0N	-1.0	79.0	5.0	38.0
1375.0N	0.0	70.0	5.0	39.0
1400.0N	-1.0	72.0	1.0	40.0
1425.0N	0.0	70.0	2.0	46.0
1450.0N	-3.0	70.0	-2.0	45.0
1475.0N	-2.0	73.0	1.0	43.0
1500.0N	-4.0	73.0	-2.0	45.0
1525.0N	-3.0	70.0	-5.0	46.0
1550.0N	-5.0	67.0	-6.0	40.0
1575.0N	-3.0	69.0	-3.0	38.0
1600.0N	-2.0	66.0	2.0	38.0
1625.0N	-1.0	72.0	3.0	35.0
1650.0N	-2.0	74.0	3.0	37.0

1675.0N	-3.0	77.0	0.0	45.0
1700.0N	-5.0	69.0	-5.0	37.0
1725.0N	-1.0	63.0	4.0	35.0
1750.0N	-3.0	66.0	5.0	38.0
1775.0N	-3.0	65.0	0.0	39.0
1800.0N	-5.0	64.0	0.0	37.0
1825.0N	-4.0	63.0	1.0	35.0
1850.0N	-2.0	66.0	4.0	36.0
1875.0N	1.0	70.0	7.0	34.0
1900.0N	3.0	68.0	6.0	34.0
1925.0N	2.0	70.0	13.0	32.0
1950.0N	4.0	75.0	16.0	32.0
1975.0N	7.0	80.0	22.0	34.0
2000.0N	7.0	80.0	24.0	43.0
2025.0N	5.0	85.0	12.0	50.0
2050.0N	6.0	85.0	18.0	53.0
2075.0N	12.0	84.0	20.0	42.0
2100.0N	4.0	100.0	13.0	50.0
2125.0N	-4.0	94.0	4.0	49.0
2150.0N	-3.0	91.0	1.0	43.0
2175.0N	-2.0	87.0	0.0	46.0
2200.0N	-3.0	83.0	-1.0	49.0
2225.0N	-5.0	nil	-1.0	45.0
2250.0N	-4.0	78.0	1.0	41.0
2275.0N	-1.0	78.0	1.0	39.0
2300.0N	-2.0	73.0	2.0	39.0
2325.0N	nil	nil	nil	nil

Line: 4050.0E Number of Stations: 39

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	0.0	32.0	nil	nil
1325.0N	-2.0	32.0	nil	nil
1350.0N	-2.0	33.0	nil	nil
1375.0N	0.0	31.0	nil	nil
1400.0N	0.0	33.0	nil	nil
1425.0N	0.0	34.0	nil	nil
1450.0N	-1.0	35.0	nil	nil
1475.0N	-1.0	34.0	nil	nil
1500.0N	0.0	35.0	nil	nil
1525.0N	-5.0	60.0	nil	nil
1550.0N	-4.0	63.0	nil	nil
1575.0N	-4.0	61.0	nil	nil
1600.0N	-2.0	66.0	nil	nil
1625.0N	-1.0	72.0	nil	nil
1650.0N	-3.0	76.0	nil	nil
1675.0N	-8.0	65.0	nil	nil
1700.0N	-5.0	62.0	nil	nil
1725.0N	-1.0	60.0	nil	nil
1750.0N	-1.0	64.0	nil	nil
1775.0N	-2.0	61.0	nil	nil
1800.0N	-2.0	63.0	nil	nil
1825.0N	1.0	62.0	nil	nil

1850.0N	1.0	60.0	nil	nil
1875.0N	0.0	65.0	nil	nil
1900.0N	0.0	66.0	nil	nil
1925.0N	2.0	66.0	nil	nil
1950.0N	2.0	66.0	nil	nil
1975.0N	5.0	70.0	nil	nil
2000.0N	6.0	70.0	nil	nil
2025.0N	4.0	72.0	nil	nil
2050.0N	8.0	82.0	nil	nil
2075.0N	-14.0	91.0	nil	nil
2100.0N	-18.0	72.0	nil	nil
2125.0N	-6.0	72.0	nil	nil
2150.0N	-7.0	71.0	nil	nil
2175.0N	-5.0	63.0	nil	nil
2200.0N	-5.0	63.0	nil	nil
2225.0N	-5.0	69.0	nil	nil
2250.0N	-5.0	68.0	nil	nil

Line: 4075.0E Number of Stations: 42

Station	Seattle Dip Angle	Field Str.	Annapolis Dip Angle	Field Str.
1300.0N	1.0	32.0	nil	nil
1325.0N	0.0	30.0	nil	nil
1350.0N	0.0	32.0	nil	nil
1375.0N	-1.0	30.0	nil	nil
1400.0N	0.0	32.0	nil	nil
1425.0N	-2.0	32.0	nil	nil
1450.0N	-4.0	31.0	nil	nil
1475.0N	-4.0	29.0	nil	nil
1500.0N	-3.0	28.0	nil	nil
1525.0N	-4.0	55.0	nil	nil
1550.0N	-3.0	58.0	nil	nil
1575.0N	-2.0	65.0	nil	nil
1600.0N	-4.0	65.0	nil	nil
1625.0N	-7.0	69.0	nil	nil
1650.0N	-12.0	55.0	nil	nil
1675.0N	-13.0	50.0	nil	nil
1700.0N	-7.0	46.0	nil	nil
1725.0N	-3.0	45.0	nil	nil
1750.0N	-2.0	51.0	nil	nil
1775.0N	-4.0	55.0	nil	nil
1800.0N	-6.0	52.0	nil	nil
1825.0N	-2.0	62.0	nil	nil
1850.0N	-3.0	59.0	nil	nil
1875.0N	-2.0	60.0	nil	nil
1900.0N	-4.0	57.0	nil	nil
1925.0N	0.0	64.0	nil	nil
1950.0N	5.0	72.0	nil	nil
1975.0N	6.0	70.0	nil	nil
2000.0N	0.0	82.0	nil	nil
2025.0N	-12.0	70.0	nil	nil
2050.0N	-8.0	67.0	nil	nil
2075.0N	-6.0	74.0	nil	nil

2100.0N	-5.0	69.0	nil	nil
2125.0N	-6.0	71.0	nil	nil
2150.0N	-5.0	69.0	nil	nil
2175.0N	-5.0	62.0	nil	nil
2200.0N	-5.0	62.0	nil	nil
2225.0N	-4.0	67.0	nil	nil
2250.0N	-4.0	66.0	nil	nil
2275.0N	-3.0	65.0	nil	nil
2300.0N	-2.0	65.0	nil	nil
2325.0N	nil	nil	nil	nil

Line: 4100.0E Number of Stations: 39

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-2.0	25.0	nil	nil
1325.0N	-2.0	26.0	nil	nil
1350.0N	-3.0	26.0	nil	nil
1375.0N	-3.0	26.0	nil	nil
1400.0N	1.0	28.0	nil	nil
1425.0N	-1.0	27.0	nil	nil
1450.0N	-3.0	29.0	nil	nil
1475.0N	0.0	27.0	nil	nil
1500.0N	0.0	29.0	0.0	45.0
1525.0N	-1.0	55.0	0.0	43.0
1550.0N	0.0	55.0	1.0	42.0
1575.0N	0.0	57.0	0.0	43.0
1600.0N	-3.0	58.0	-1.0	43.0
1625.0N	-7.0	57.0	-3.0	45.0
1650.0N	-10.0	47.0	-6.0	35.0
1675.0N	-7.0	47.0	2.0	33.0
1700.0N	-5.0	52.0	9.0	36.0
1725.0N	-3.0	54.0	6.0	40.0
1750.0N	-2.0	54.0	3.0	42.0
1775.0N	-2.0	54.0	3.0	38.0
1800.0N	-1.0	53.0	5.0	39.0
1825.0N	-2.0	56.0	4.0	38.0
1850.0N	-2.0	58.0	3.0	36.0
1875.0N	-2.0	57.0	6.0	36.0
1900.0N	-1.0	58.0	11.0	35.0
1925.0N	0.0	61.0	15.0	35.0
1950.0N	1.0	61.0	21.0	41.0
1975.0N	2.0	70.0	19.0	50.0
2000.0N	3.0	70.0	17.0	65.0
2025.0N	-3.0	74.0	1.0	80.0
2050.0N	-8.0	62.0	-8.0	46.0
2075.0N	-7.0	59.0	2.0	43.0
2100.0N	-8.0	64.0	2.0	50.0
2125.0N	-8.0	64.0	1.0	46.0
2150.0N	-5.0	67.0	3.0	48.0
2175.0N	-5.0	64.0	0.0	45.0
2200.0N	-6.0	61.0	1.0	45.0
2225.0N	-3.0	65.0	2.0	45.0
2250.0N	-5.0	62.0	1.0	42.0

Line: 4125.0E Number of Stations: 41

Station	Seattle Dip Angle	Field Str.	Annapolis Dip Angle	Field Str.
1300.0N	0.0	26.0	nil	nil
1325.0N	0.0	26.0	nil	nil
1350.0N	0.0	25.0	nil	nil
1375.0N	0.0	25.0	nil	nil
1400.0N	0.0	26.0	nil	nil
1425.0N	-3.0	25.0	nil	nil
1450.0N	-5.0	25.0	nil	nil
1475.0N	-6.0	25.0	nil	nil
1500.0N	-5.0	28.0	-1.0	39.0
1525.0N	-1.0	74.0	0.0	42.0
1550.0N	-2.0	72.0	-3.0	41.0
1575.0N	-6.0	75.0	-4.0	38.0
1600.0N	-5.0	70.0	-4.0	38.0
1625.0N	-4.0	64.0	-3.0	35.0
1650.0N	-4.0	58.0	-4.0	33.0
1675.0N	2.0	51.0	5.0	32.0
1700.0N	-1.0	43.0	6.0	34.0
1725.0N	-2.0	53.0	8.0	36.0
1750.0N	3.0	57.0	4.0	37.0
1775.0N	0.0	62.0	7.0	37.0
1800.0N	0.0	63.0	2.0	38.0
1825.0N	1.0	58.0	3.0	37.0
1850.0N	0.0	54.0	5.0	36.0
1875.0N	-1.0	55.0	9.0	34.0
1900.0N	0.0	64.0	11.0	35.0
1925.0N	-1.0	69.0	14.0	35.0
1950.0N	1.0	63.0	20.0	39.0
1975.0N	-1.0	73.0	18.0	48.0
2000.0N	-2.0	70.0	12.0	60.0
2025.0N	-3.0	50.0	-21.0	38.0
2050.0N	0.0	61.0	-2.0	40.0
2075.0N	-4.0	60.0	4.0	39.0
2100.0N	-6.0	67.0	2.0	46.0
2125.0N	-7.0	61.0	1.0	44.0
2150.0N	-9.0	65.0	0.0	38.0
2175.0N	-7.0	63.0	0.0	41.0
2200.0N	-4.0	55.0	4.0	40.0
2225.0N	-4.0	61.0	2.0	40.0
2250.0N	-5.0	61.0	3.0	36.0
2275.0N	-1.0	58.0	7.0	37.0
2300.0N	0.0	61.0	12.0	36.0

Line: 4150.0E Number of Stations: 42

Station	Seattle Dip Angle	Field Str.	Annapolis Dip Angle	Field Str.
1300.0N	0.0	28.0	nil	nil
1325.0N	-2.0	29.0	nil	nil
1350.0N	0.0	29.0	nil	nil
1375.0N	0.0	28.0	nil	nil

1400.0N	0.0	28.0	nil	nil
1425.0N	-1.0	28.0	nil	nil
1450.0N	-1.0	28.0	nil	nil
1475.0N	-3.0	28.0	nil	nil
1500.0N	-4.0	28.0	-1.0	43.0
1525.0N	-3.0	78.0	0.0	43.0
1550.0N	-8.0	82.0	-8.0	44.0
1575.0N	-10.0	73.0	-10.0	35.0
1600.0N	-7.0	70.0	-5.0	36.0
1625.0N	-7.0	61.0	-2.0	35.0
1650.0N	-5.0	60.0	-1.0	34.0
1675.0N	-3.0	65.0	7.0	33.0
1700.0N	-1.0	61.0	7.0	35.0
1725.0N	-3.0	63.0	8.0	38.0
1750.0N	0.0	62.0	5.0	39.0
1775.0N	0.0	69.0	5.0	39.0
1800.0N	0.0	69.0	0.0	40.0
1825.0N	0.0	67.0	0.0	38.0
1850.0N	-1.0	68.0	1.0	38.0
1875.0N	-3.0	69.0	3.0	37.0
1900.0N	-3.0	69.0	7.0	37.0
1925.0N	-4.0	68.0	8.0	35.0
1950.0N	-3.0	67.0	13.0	37.0
1975.0N	0.0	73.0	17.0	40.0
2000.0N	0.0	75.0	18.0	47.0
2025.0N	1.0	84.0	10.0	63.0
2050.0N	3.0	78.0	1.0	43.0
2075.0N	-3.0	77.0	3.0	39.0
2100.0N	-6.0	70.0	-1.0	45.0
2125.0N	-6.0	64.0	-2.0	43.0
2150.0N	-8.0	65.0	-1.0	41.0
2175.0N	-9.0	64.0	-3.0	39.0
2200.0N	-6.0	54.0	0.0	38.0
2225.0N	-3.0	55.0	5.0	40.0
2250.0N	-1.0	61.0	3.0	36.0
2275.0N	2.0	60.0	9.0	35.0
2300.0N	5.0	59.0	14.0	38.0
2325.0N	nil	nil	nil	nil

Line: 4175.0E Number of Stations: 40

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-1.0	30.0	nil	nil
1325.0N	0.0	30.0	nil	nil
1350.0N	-5.0	29.0	nil	nil
1375.0N	-5.0	28.0	nil	nil
1400.0N	-5.0	28.0	nil	nil
1425.0N	-4.0	28.0	nil	nil
1450.0N	-4.0	28.0	nil	nil
1475.0N	-5.0	28.0	nil	nil
1500.0N	-7.0	3.0	nil	nil
1525.0N	-12.0	73.0	nil	nil
1550.0N	-14.0	60.0	nil	nil

1575.0N	-12.0	59.0	nil	nil
1600.0N	-9.0	63.0	nil	nil
1625.0N	-9.0	64.0	nil	nil
1650.0N	-7.0	64.0	nil	nil
1675.0N	-4.0	66.0	nil	nil
1700.0N	-4.0	67.0	nil	nil
1725.0N	-3.0	68.0	nil	nil
1750.0N	-3.0	65.0	nil	nil
1775.0N	-3.0	68.0	nil	nil
1800.0N	-2.0	68.0	nil	nil
1825.0N	-2.0	72.0	nil	nil
1850.0N	-2.0	67.0	nil	nil
1875.0N	-1.0	68.0	nil	nil
1900.0N	0.0	70.0	nil	nil
1925.0N	-2.0	74.0	nil	nil
1950.0N	0.0	78.0	nil	nil
1975.0N	-1.0	80.0	nil	nil
2000.0N	-8.0	91.0	nil	nil
2025.0N	-22.0	78.0	nil	nil
2050.0N	21.0	62.0	nil	nil
2075.0N	-8.0	74.0	nil	nil
2100.0N	-7.0	73.0	nil	nil
2125.0N	-8.0	65.0	nil	nil
2150.0N	-8.0	70.0	nil	nil
2175.0N	-6.0	70.0	nil	nil
2200.0N	-3.0	62.0	nil	nil
2225.0N	0.0	67.0	nil	nil
2250.0N	3.0	70.0	nil	nil
2275.0N	nil	nil	nil	nil

Line: 4200.0E Number of Stations: 39

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-4.0	30.0	nil	nil
1325.0N	-3.0	28.0	nil	nil
1350.0N	-4.0	30.0	nil	nil
1375.0N	-5.0	29.0	nil	nil
1400.0N	-4.0	29.0	nil	nil
1425.0N	-7.0	28.0	nil	nil
1450.0N	-8.0	28.0	nil	nil
1475.0N	-9.0	28.0	nil	nil
1500.0N	-11.0	25.0	-8.0	40.0
1525.0N	-14.0	47.0	-9.0	36.0
1550.0N	-10.0	47.0	-4.0	35.0
1575.0N	-10.0	48.0	-3.0	33.0
1600.0N	-7.0	48.0	-3.0	33.0
1625.0N	-7.0	49.0	2.0	34.0
1650.0N	-8.0	49.0	4.0	33.0
1675.0N	-7.0	50.0	5.0	34.0
1700.0N	-5.0	53.0	7.0	35.0
1725.0N	-5.0	54.0	6.0	38.0
1750.0N	-6.0	55.0	6.0	40.0
1775.0N	-4.0	55.0	3.0	41.0

1800.0N	-5.0	55.0	2.0	38.0
1825.0N	-2.0	54.0	2.0	39.0
1850.0N	-2.0	55.0	5.0	38.0
1875.0N	-2.0	59.0	7.0	40.0
1900.0N	-4.0	57.0	4.0	42.0
1925.0N	-4.0	59.0	12.0	43.0
1950.0N	-2.0	65.0	15.0	58.0
1975.0N	-14.0	69.0	-2.0	67.0
2000.0N	-22.0	52.0	-12.0	41.0
2025.0N	-16.0	50.0	3.0	38.0
2050.0N	-12.0	54.0	13.0	48.0
2075.0N	-11.0	62.0	4.0	58.0
2100.0N	-13.0	61.0	-5.0	50.0
2125.0N	-10.0	59.0	-4.0	42.0
2150.0N	-8.0	58.0	-3.0	38.0
2175.0N	-4.0	59.0	3.0	39.0
2200.0N	-1.0	60.0	9.0	41.0
2225.0N	-3.0	61.0	5.0	42.0
2250.0N	-3.0	70.0	9.0	43.0

Line: 4225.0E Number of Stations: 40

Station	Seattle Dip Angle	Field Str.	Annapolis Dip Angle	Field Str.
1300.0N	-11.0	32.0	nil	nil
1325.0N	-8.0	31.0	nil	nil
1350.0N	-9.0	30.0	nil	nil
1375.0N	-11.0	30.0	nil	nil
1400.0N	-12.0	26.0	nil	nil
1425.0N	-10.0	25.0	nil	nil
1450.0N	-12.0	23.0	nil	nil
1475.0N	-11.0	24.0	nil	nil
1500.0N	-10.0	25.0	nil	nil
1525.0N	-8.0	58.0	nil	nil
1550.0N	-7.0	56.0	nil	nil
1575.0N	-6.0	57.0	nil	nil
1600.0N	-5.0	56.0	nil	nil
1625.0N	-6.0	54.0	nil	nil
1650.0N	-7.0	55.0	nil	nil
1675.0N	-6.0	55.0	nil	nil
1700.0N	-3.0	57.0	nil	nil
1725.0N	-4.0	57.0	nil	nil
1750.0N	-3.0	58.0	nil	nil
1775.0N	-3.0	61.0	nil	nil
1800.0N	-4.0	63.0	nil	nil
1825.0N	-3.0	61.0	nil	nil
1850.0N	-2.0	61.0	nil	nil
1875.0N	-3.0	61.0	nil	nil
1900.0N	-1.0	62.0	nil	nil
1925.0N	-3.0	64.0	nil	nil
1950.0N	-5.0	63.0	nil	nil
1975.0N	-11.0	54.0	nil	nil
2000.0N	-13.0	54.0	nil	nil
2025.0N	-11.0	52.0	nil	nil

2050.0N	-8.0	50.0	nil	nil
2075.0N	-12.0	65.0	nil	nil
2100.0N	-13.0	61.0	nil	nil
2125.0N	-10.0	62.0	nil	nil
2150.0N	-8.0	63.0	nil	nil
2175.0N	-7.0	60.0	nil	nil
2200.0N	-5.0	64.0	nil	nil
2225.0N	-4.0	69.0	nil	nil
2250.0N	-4.0	73.0	nil	nil
2275.0N	nil	nil	nil	nil

Line: 4250.0E Number of Stations: 39

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-20.0	31.0	nil	nil
1325.0N	-16.0	31.0	nil	nil
1350.0N	-10.0	32.0	nil	nil
1375.0N	-10.0	32.0	nil	nil
1400.0N	-13.0	33.0	nil	nil
1425.0N	-9.0	27.0	nil	nil
1450.0N	-9.0	29.0	nil	nil
1475.0N	-6.0	28.0	nil	nil
1500.0N	-5.0	27.0	nil	nil
1525.0N	-7.0	40.0	nil	nil
1550.0N	-5.0	48.0	nil	nil
1575.0N	-8.0	48.0	nil	nil
1600.0N	-7.0	46.0	nil	nil
1625.0N	-3.0	45.0	nil	nil
1650.0N	-1.0	48.0	nil	nil
1675.0N	-3.0	50.0	nil	nil
1700.0N	-3.0	48.0	nil	nil
1725.0N	-2.0	52.0	nil	nil
1750.0N	-2.0	52.0	nil	nil
1775.0N	1.0	51.0	nil	nil
1800.0N	-2.0	54.0	nil	nil
1825.0N	-4.0	53.0	nil	nil
1850.0N	-3.0	67.0	nil	nil
1875.0N	1.0	67.0	nil	nil
1900.0N	-1.0	75.0	nil	nil
1925.0N	2.0	69.0	nil	nil
1950.0N	0.0	72.0	nil	nil
1975.0N	-5.0	75.0	nil	nil
2000.0N	-8.0	65.0	nil	nil
2025.0N	-7.0	65.0	nil	nil
2050.0N	4.0	72.0	nil	nil
2075.0N	-12.0	81.0	nil	nil
2100.0N	-17.0	76.0	nil	nil
2125.0N	-12.0	66.0	nil	nil
2150.0N	-10.0	74.0	nil	nil
2175.0N	-7.0	80.0	nil	nil
2200.0N	-9.0	82.0	nil	nil
2225.0N	-7.0	85.0	nil	nil
2250.0N	-10.0	79.0	nil	nil

Line: 4275.0E Number of Stations: 40

Station	Seattle Dip Angle	Field Str.	Annapolis Dip Angle	Field Str.
1300.0N	-20.0	26.0	nil	nil
1325.0N	-20.0	22.0	nil	nil
1350.0N	-18.0	32.0	nil	nil
1375.0N	-13.0	31.0	nil	nil
1400.0N	-11.0	32.0	nil	nil
1425.0N	-10.0	32.0	nil	nil
1450.0N	-7.0	31.0	nil	nil
1475.0N	-7.0	30.0	nil	nil
1500.0N	-7.0	30.0	nil	nil
1525.0N	-8.0	55.0	nil	nil
1550.0N	-6.0	50.0	nil	nil
1575.0N	-3.0	46.0	nil	nil
1600.0N	2.0	50.0	nil	nil
1625.0N	0.0	49.0	nil	nil
1650.0N	1.0	53.0	nil	nil
1675.0N	3.0	54.0	nil	nil
1700.0N	1.0	58.0	nil	nil
1725.0N	-1.0	61.0	nil	nil
1750.0N	0.0	62.0	nil	nil
1775.0N	-2.0	63.0	nil	nil
1800.0N	-2.0	57.0	nil	nil
1825.0N	-2.0	58.0	nil	nil
1850.0N	-1.0	62.0	nil	nil
1875.0N	-2.0	64.0	nil	nil
1900.0N	1.0	65.0	nil	nil
1925.0N	-1.0	67.0	nil	nil
1950.0N	-6.0	65.0	nil	nil
1975.0N	-6.0	55.0	nil	nil
2000.0N	-4.0	54.0	nil	nil
2025.0N	1.0	67.0	nil	nil
2050.0N	-13.0	69.0	nil	nil
2075.0N	-15.0	60.0	nil	nil
2100.0N	-14.0	60.0	nil	nil
2125.0N	-13.0	65.0	nil	nil
2150.0N	-9.0	67.0	nil	nil
2175.0N	-10.0	67.0	nil	nil
2200.0N	-9.0	62.0	nil	nil
2225.0N	-11.0	65.0	nil	nil
2250.0N	-9.0	64.0	nil	nil
2275.0N	nil	nil	nil	nil

Line: 4300.0E Number of Stations: 40

Station	Seattle Dip Angle	Field Str.	Annapolis Dip Angle	Field Str.
1300.0N	-12.0	45.0	3.0	42.0
1325.0N	-13.0	45.0	4.0	40.0
1350.0N	-15.0	45.0	9.0	45.0
1375.0N	-13.0	51.0	5.0	54.0

1400.0N	-14.0	53.0	0.0	48.0
1425.0N	-14.0	54.0	0.0	43.0
1450.0N	-10.0	53.0	1.0	42.0
1475.0N	-7.0	53.0	1.0	42.0
1500.0N	-5.0	57.0	-1.0	43.0
1525.0N	-7.0	59.0	-5.0	43.0
1550.0N	-8.0	55.0	-9.0	37.0
1575.0N	-5.0	53.0	2.0	32.0
1600.0N	-1.0	54.0	9.0	35.0
1625.0N	1.0	57.0	9.0	39.0
1650.0N	3.0	59.0	7.0	39.0
1675.0N	2.0	60.0	7.0	42.0
1700.0N	2.0	62.0	7.0	42.0
1725.0N	0.0	63.0	8.0	42.0
1750.0N	-2.0	63.0	6.0	46.0
1775.0N	-2.0	63.0	4.0	43.0
1800.0N	-3.0	62.0	2.0	43.0
1825.0N	-3.0	60.0	3.0	42.0
1850.0N	-3.0	62.0	3.0	43.0
1875.0N	-2.0	62.0	6.0	43.0
1900.0N	-3.0	63.0	5.0	44.0
1925.0N	-3.0	65.0	4.0	46.0
1950.0N	-3.0	64.0	5.0	47.0
1975.0N	-8.0	57.0	2.0	43.0
2000.0N	-4.0	56.0	8.0	42.0
2025.0N	-5.0	62.0	6.0	55.0
2050.0N	-8.0	62.0	0.0	65.0
2075.0N	-14.0	53.0	-6.0	47.0
2100.0N	-16.0	53.0	-6.0	43.0
2125.0N	-13.0	55.0	-4.0	38.0
2150.0N	-15.0	59.0	-2.0	40.0
2175.0N	-12.0	60.0	0.0	41.0
2200.0N	-13.0	57.0	2.0	42.0
2225.0N	-12.0	54.0	3.0	38.0
2250.0N	-9.0	57.0	5.0	40.0
2275.0N	nil	nil	nil	nil

Line: 4325.0E Number of Stations: 41

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-9.0	52.0	nil	nil
1325.0N	-8.0	53.0	nil	nil
1350.0N	-6.0	54.0	nil	nil
1375.0N	-10.0	55.0	nil	nil
1400.0N	-9.0	55.0	nil	nil
1425.0N	-8.0	57.0	nil	nil
1450.0N	-6.0	60.0	nil	nil
1475.0N	-8.0	64.0	nil	nil
1500.0N	-10.0	69.0	nil	nil
1525.0N	-12.0	66.0	nil	nil
1550.0N	-10.0	63.0	nil	nil
1575.0N	-7.0	62.0	nil	nil
1600.0N	-2.0	71.0	nil	nil

1625.0N	-2.0	70.0	nil	nil
1650.0N	-2.0	70.0	nil	nil
1675.0N	-2.0	74.0	nil	nil
1700.0N	-4.0	74.0	nil	nil
1725.0N	-3.0	73.0	nil	nil
1750.0N	-5.0	72.0	nil	nil
1775.0N	-5.0	72.0	nil	nil
1800.0N	-4.0	72.0	nil	nil
1825.0N	-3.0	72.0	nil	nil
1850.0N	-5.0	72.0	nil	nil
1875.0N	-4.0	70.0	nil	nil
1900.0N	-6.0	72.0	nil	nil
1925.0N	-5.0	72.0	nil	nil
1950.0N	-6.0	68.0	nil	nil
1975.0N	-6.0	64.0	nil	nil
2000.0N	-3.0	60.0	nil	nil
2025.0N	1.0	62.0	nil	nil
2050.0N	-8.0	72.0	nil	nil
2075.0N	-11.0	68.0	nil	nil
2100.0N	-9.0	61.0	nil	nil
2125.0N	-9.0	63.0	nil	nil
2150.0N	-14.0	63.0	nil	nil
2175.0N	-14.0	60.0	nil	nil
2200.0N	-13.0	60.0	nil	nil
2225.0N	-12.0	58.0	nil	nil
2250.0N	-8.0	61.0	nil	nil
2275.0N	-7.0	64.0	nil	nil
2300.0N	-9.0	63.0	nil	nil

Line: 4350.0E Number of Stations: 41

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-5.0	55.0	nil	nil
1325.0N	-2.0	59.0	nil	nil
1350.0N	-3.0	57.0	nil	nil
1375.0N	-4.0	58.0	nil	nil
1400.0N	-5.0	54.0	nil	nil
1425.0N	-4.0	58.0	nil	nil
1450.0N	-6.0	63.0	nil	nil
1475.0N	-8.0	66.0	nil	nil
1500.0N	-10.0	64.0	nil	nil
1525.0N	-13.0	54.0	nil	nil
1550.0N	-9.0	62.0	nil	nil
1575.0N	-6.0	62.0	nil	nil
1600.0N	-4.0	65.0	nil	nil
1625.0N	-3.0	66.0	nil	nil
1650.0N	-4.0	74.0	nil	nil
1675.0N	-5.0	75.0	nil	nil
1700.0N	5.0	75.0	nil	nil
1725.0N	-4.0	73.0	nil	nil
1750.0N	-6.0	74.0	nil	nil
1775.0N	-6.0	75.0	nil	nil
1800.0N	-7.0	70.0	nil	nil

1825.0N	-5.0	77.0	nil	nil
1850.0N	-5.0	75.0	nil	nil
1875.0N	-5.0	75.0	nil	nil
1900.0N	-8.0	72.0	nil	nil
1925.0N	-8.0	73.0	nil	nil
1950.0N	-7.0	73.0	nil	nil
1975.0N	-2.0	68.0	nil	nil
2000.0N	7.0	80.0	nil	nil
2025.0N	-2.0	90.0	nil	nil
2050.0N	-14.0	68.0	nil	nil
2075.0N	-8.0	66.0	nil	nil
2100.0N	-10.0	68.0	nil	nil
2125.0N	-12.0	65.0	nil	nil
2150.0N	-12.0	64.0	nil	nil
2175.0N	-11.0	62.0	nil	nil
2200.0N	-11.0	65.0	nil	nil
2225.0N	-11.0	68.0	nil	nil
2250.0N	-10.0	67.0	nil	nil
2275.0N	-12.0	68.0	nil	nil
2300.0N	-11.0	62.0	nil	nil

Line: 4375.0E Number of Stations: 41

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-5.0	66.0	nil	nil
1325.0N	-9.0	68.0	nil	nil
1350.0N	-10.0	69.0	nil	nil
1375.0N	-11.0	68.0	nil	nil
1400.0N	-11.0	67.0	nil	nil
1425.0N	-9.0	68.0	nil	nil
1450.0N	-14.0	65.0	nil	nil
1475.0N	-11.0	64.0	nil	nil
1500.0N	-12.0	65.0	nil	nil
1525.0N	-11.0	57.0	nil	nil
1550.0N	-10.0	58.0	nil	nil
1575.0N	-6.0	63.0	nil	nil
1600.0N	-6.0	68.0	nil	nil
1625.0N	-8.0	69.0	nil	nil
1650.0N	-8.0	69.0	nil	nil
1675.0N	-8.0	69.0	nil	nil
1700.0N	-8.0	72.0	nil	nil
1725.0N	-7.0	72.0	nil	nil
1750.0N	-9.0	72.0	nil	nil
1775.0N	-8.0	72.0	nil	nil
1800.0N	-10.0	74.0	nil	nil
1825.0N	-9.0	75.0	nil	nil
1850.0N	-9.0	75.0	nil	nil
1875.0N	-11.0	74.0	nil	nil
1900.0N	-10.0	75.0	nil	nil
1925.0N	-10.0	72.0	nil	nil
1950.0N	-7.0	72.0	nil	nil
1975.0N	-5.0	81.0	nil	nil
2000.0N	-14.0	74.0	nil	nil

2025.0N	-14.0	64.0	nil	nil
2050.0N	-10.0	67.0	nil	nil
2075.0N	-10.0	57.0	nil	nil
2100.0N	-13.0	53.0	nil	nil
2125.0N	-13.0	62.0	nil	nil
2150.0N	-11.0	64.0	nil	nil
2175.0N	-12.0	64.0	nil	nil
2200.0N	-12.0	63.0	nil	nil
2225.0N	-10.0	65.0	nil	nil
2250.0N	-14.0	65.0	nil	nil
2275.0N	-10.0	63.0	nil	nil
2300.0N	-10.0	65.0	nil	nil

Line: 4400.0E Number of Stations: 40

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-10.0	55.0	-2.0	45.0
1325.0N	-11.0	53.0	0.0	44.0
1350.0N	-12.0	53.0	2.0	45.0
1375.0N	-11.0	72.0	-1.0	45.0
1400.0N	-11.0	54.0	-2.0	46.0
1425.0N	-10.0	56.0	-3.0	45.0
1450.0N	-10.0	54.0	-2.0	46.0
1475.0N	-11.0	4.0	-2.0	47.0
1500.0N	-13.0	5.0	-5.0	49.0
1525.0N	-11.0	9.0	-6.0	42.0
1550.0N	-9.0	92.0	-5.0	35.0
1575.0N	-5.0	92.0	8.0	37.0
1600.0N	-5.0	96.0	9.0	44.0
1625.0N	-7.0	95.0	5.0	48.0
1650.0N	-8.0	97.0	1.0	48.0
1675.0N	-7.0	95.0	0.0	45.0
1700.0N	-8.0	99.0	4.0	48.0
1725.0N	-9.0	97.0	2.0	47.0
1750.0N	-9.0	98.0	1.0	50.0
1775.0N	-10.0	99.0	1.0	48.0
1800.0N	-11.0	100.0	1.0	49.0
1825.0N	-13.0	100.0	2.0	49.0
1850.0N	-12.0	99.0	0.0	48.0
1875.0N	-13.0	99.0	1.0	49.0
1900.0N	-10.0	100.0	0.0	49.0
1925.0N	-9.0	100.0	0.0	47.0
1950.0N	-9.0	100.0	3.0	50.0
1975.0N	-9.0	99.0	3.0	54.0
2000.0N	-8.0	96.0	-7.0	52.0
2025.0N	-7.0	94.0	-7.0	48.0
2050.0N	-8.0	96.0	-2.0	49.0
2075.0N	-12.0	96.0	-5.0	52.0
2100.0N	-12.0	96.0	-9.0	43.0
2125.0N	-11.0	95.0	-7.0	42.0
2150.0N	-11.0	95.0	-2.0	42.0
2175.0N	-10.0	94.0	0.0	43.0
2200.0N	-10.0	95.0	2.0	44.0

2225.0N	-11.0	97.0	3.0	48.0
2250.0N	-12.0	96.0	2.0	45.0
2275.0N	nil	nil	nil	nil

Line: 4425.0E Number of Stations: 41

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-11.0	32.0	nil	nil
1325.0N	-10.0	33.0	nil	nil
1350.0N	-12.0	33.0	nil	nil
1375.0N	-13.0	34.0	nil	nil
1400.0N	-11.0	34.0	nil	nil
1425.0N	-12.0	35.0	nil	nil
1450.0N	-11.0	36.0	nil	nil
1475.0N	-11.0	35.0	nil	nil
1500.0N	-10.0	36.0	nil	nil
1525.0N	-12.0	51.0	nil	nil
1550.0N	-10.0	52.0	nil	nil
1575.0N	-7.0	54.0	nil	nil
1600.0N	-9.0	58.0	nil	nil
1625.0N	-12.0	58.0	nil	nil
1650.0N	-12.0	62.0	nil	nil
1675.0N	-12.0	62.0	nil	nil
1700.0N	-12.0	60.0	nil	nil
1725.0N	-13.0	62.0	nil	nil
1750.0N	-13.0	61.0	nil	nil
1775.0N	-13.0	62.0	nil	nil
1800.0N	-15.0	63.0	nil	nil
1825.0N	-16.0	61.0	nil	nil
1850.0N	-12.0	60.0	nil	nil
1875.0N	-15.0	60.0	nil	nil
1900.0N	-14.0	58.0	nil	nil
1925.0N	-13.0	64.0	nil	nil
1950.0N	-10.0	65.0	nil	nil
1975.0N	-10.0	65.0	nil	nil
2000.0N	-11.0	65.0	nil	nil
2025.0N	-8.0	66.0	nil	nil
2050.0N	-8.0	65.0	nil	nil
2075.0N	-11.0	62.0	nil	nil
2100.0N	-11.0	59.0	nil	nil
2125.0N	-10.0	59.0	nil	nil
2150.0N	-10.0	60.0	nil	nil
2175.0N	-11.0	63.0	nil	nil
2200.0N	-11.0	64.0	nil	nil
2225.0N	-12.0	63.0	nil	nil
2250.0N	-12.0	58.0	nil	nil
2275.0N	nil	-11.0	nil	nil
2300.0N	-12.0	60.0	nil	nil

Line: 4450.0E Number of Stations: 42

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.

1300.0N	-11.0	53.0	nil	nil
1325.0N	-11.0	56.0	nil	nil
1350.0N	-10.0	51.0	nil	nil
1375.0N	-11.0	54.0	nil	nil
1400.0N	-9.0	55.0	nil	nil
1425.0N	-10.0	58.0	nil	nil
1450.0N	-10.0	58.0	nil	nil
1475.0N	-12.0	60.0	nil	nil
1500.0N	-13.0	60.0	nil	nil
1525.0N	-13.0	52.0	nil	nil
1550.0N	-11.0	62.0	nil	nil
1575.0N	-10.0	62.0	nil	nil
1600.0N	-11.0	68.0	nil	nil
1625.0N	-10.0	67.0	nil	nil
1650.0N	-12.0	68.0	nil	nil
1675.0N	-11.0	69.0	nil	nil
1700.0N	-10.0	67.0	nil	nil
1725.0N	-11.0	65.0	nil	nil
1750.0N	15.0	63.0	nil	nil
1775.0N	-16.0	65.0	nil	nil
1800.0N	-14.0	64.0	nil	nil
1825.0N	-16.0	62.0	nil	nil
1850.0N	-14.0	63.0	nil	nil
1875.0N	-12.0	61.0	nil	nil
1900.0N	-14.0	63.0	nil	nil
1925.0N	-12.0	63.0	nil	nil
1950.0N	-12.0	67.0	nil	nil
1975.0N	-11.0	66.0	nil	nil
2000.0N	-12.0	65.0	nil	nil
2025.0N	-9.0	71.0	nil	nil
2050.0N	-10.0	72.0	nil	nil
2075.0N	-12.0	71.0	nil	nil
2100.0N	-10.0	68.0	nil	nil
2125.0N	-10.0	60.0	nil	nil
2150.0N	-11.0	65.0	nil	nil
2175.0N	-11.0	67.0	nil	nil
2200.0N	-9.0	68.0	nil	nil
2225.0N	-14.0	65.0	nil	nil
2250.0N	-14.0	65.0	nil	nil
2275.0N	-11.0	63.0	nil	nil
2300.0N	-12.0	60.0	nil	nil
2325.0N	nil	nil	nil	nil

Line: 4475.0E Number of Stations: 42

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-8.0	32.0	nil	nil
1325.0N	-8.0	31.0	nil	nil
1350.0N	-8.0	31.0	nil	nil
1375.0N	-9.0	31.0	nil	nil
1400.0N	-10.0	31.0	nil	nil
1425.0N	-8.0	32.0	nil	nil
1450.0N	-10.0	33.0	nil	nil

1475.0N	-12.0	33.0	nil	nil
1500.0N	-13.0	32.0	nil	nil
1525.0N	-12.0	31.0	nil	nil
1550.0N	-10.0	33.0	nil	nil
1575.0N	-9.0	34.0	nil	nil
1600.0N	-11.0	35.0	nil	nil
1625.0N	-10.0	35.0	nil	nil
1650.0N	-12.0	35.0	nil	nil
1675.0N	-13.0	37.0	nil	nil
1700.0N	-11.0	37.0	nil	nil
1725.0N	-9.0	35.0	nil	nil
1750.0N	-12.0	36.0	nil	nil
1775.0N	-13.0	34.0	nil	nil
1800.0N	-15.0	35.0	nil	nil
1825.0N	-15.0	34.0	nil	nil
1850.0N	-15.0	35.0	nil	nil
1875.0N	-14.0	37.0	nil	nil
1900.0N	-15.0	36.0	nil	nil
1925.0N	-13.0	38.0	nil	nil
1950.0N	-12.0	38.0	nil	nil
1975.0N	-12.0	38.0	nil	nil
2000.0N	-9.0	41.0	nil	nil
2025.0N	-9.0	42.0	nil	nil
2050.0N	-15.0	42.0	nil	nil
2075.0N	-16.0	39.0	nil	nil
2100.0N	-15.0	38.0	nil	nil
2125.0N	-12.0	39.0	nil	nil
2150.0N	-11.0	39.0	nil	nil
2175.0N	-11.0	38.0	nil	nil
2200.0N	-11.0	38.0	nil	nil
2225.0N	-15.0	35.0	nil	nil
2250.0N	-13.0	35.0	nil	nil
2275.0N	-13.0	36.0	nil	nil
2300.0N	-14.0	36.0	nil	nil
2325.0N	nil	nil	nil	nil

Line: 4500.0E Number of Stations: 42

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-5.0	72.0	1.0	40.0
1325.0N	-5.0	69.0	2.0	42.0
1350.0N	-5.0	72.0	-2.0	41.0
1375.0N	-8.0	72.0	-1.0	41.0
1400.0N	-9.0	73.0	-1.0	42.0
1425.0N	-10.0	73.0	0.0	43.0
1450.0N	-11.0	75.0	-2.0	41.0
1475.0N	-12.0	74.0	-2.0	42.0
1500.0N	-11.0	75.0	-5.0	40.0
1525.0N	-9.0	70.0	-1.0	38.0
1550.0N	-8.0	78.0	0.0	40.0
1575.0N	-9.0	81.0	0.0	42.0
1600.0N	-10.0	82.0	1.0	43.0
1625.0N	-14.0	86.0	1.0	44.0

1650.0N	-13.0	86.0	1.0	47.0
1675.0N	-16.0	86.0	1.0	46.0
1700.0N	-16.0	93.0	-1.0	50.0
1725.0N	-16.0	91.0	-6.0	48.0
1750.0N	-16.0	88.0	-4.0	47.0
1775.0N	-17.0	87.0	-4.0	46.0
1800.0N	-15.0	82.0	-1.0	48.0
1825.0N	-14.0	82.0	0.0	49.0
1850.0N	-15.0	83.0	2.0	48.0
1875.0N	-15.0	85.0	1.0	49.0
1900.0N	-13.0	87.0	3.0	49.0
1925.0N	-10.0	90.0	4.0	51.0
1950.0N	-13.0	94.0	6.0	55.0
1975.0N	-14.0	97.0	3.0	53.0
2000.0N	-13.0	100.0	8.0	63.0
2025.0N	-18.0	97.0	8.0	63.0
2050.0N	-18.0	94.0	-4.0	63.0
2075.0N	-17.0	93.0	-10.0	55.0
2100.0N	-15.0	95.0	-5.0	52.0
2125.0N	-14.0	95.0	-7.0	49.0
2150.0N	-14.0	nil	-5.0	46.0
2175.0N	-12.0	93.0	-3.0	45.0
2200.0N	-14.0	93.0	-3.0	44.0
2225.0N	-13.0	93.0	0.0	40.0
2250.0N	-14.0	95.0	1.0	46.0
2275.0N	-13.0	94.0	1.0	45.0
2300.0N	-14.0	95.0	nil	nil
2325.0N	nil	nil	nil	nil

Line: 4525.0E Number of Stations: 42

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-4.0	30.0	nil	nil
1325.0N	-4.0	32.0	nil	nil
1350.0N	-5.0	34.0	nil	nil
1375.0N	-5.0	34.0	nil	nil
1400.0N	-6.0	33.0	nil	nil
1425.0N	-9.0	32.0	nil	nil
1450.0N	-9.0	33.0	nil	nil
1475.0N	-10.0	33.0	nil	nil
1500.0N	-11.0	33.0	nil	nil
1525.0N	-12.0	28.0	nil	nil
1550.0N	-10.0	29.0	nil	nil
1575.0N	-8.0	30.0	nil	nil
1600.0N	-11.0	29.0	nil	nil
1625.0N	-12.0	29.0	nil	nil
1650.0N	-13.0	29.0	nil	nil
1675.0N	-15.0	27.0	nil	nil
1700.0N	-17.0	29.0	nil	nil
1725.0N	-20.0	24.0	nil	nil
1750.0N	-18.0	25.0	nil	nil
1775.0N	-18.0	25.0	nil	nil
1800.0N	-16.0	28.0	nil	nil

1825.0N	-15.0	30.0	nil	nil
1850.0N	-14.0	31.0	nil	nil
1875.0N	-12.0	30.0	nil	nil
1900.0N	-13.0	28.0	nil	nil
1925.0N	-13.0	31.0	nil	nil
1950.0N	-11.0	35.0	nil	nil
1975.0N	-11.0	38.0	nil	nil
2000.0N	-14.0	36.0	nil	nil
2025.0N	-18.0	36.0	nil	nil
2050.0N	-19.0	35.0	nil	nil
2075.0N	-18.0	33.0	nil	nil
2100.0N	-16.0	32.0	nil	nil
2125.0N	-15.0	32.0	nil	nil
2150.0N	-16.0	32.0	nil	nil
2175.0N	-14.0	32.0	nil	nil
2200.0N	-14.0	31.0	nil	nil
2225.0N	-11.0	31.0	nil	nil
2250.0N	-15.0	31.0	nil	nil
2275.0N	-13.0	31.0	nil	nil
2300.0N	-11.0	33.0	nil	nil
2325.0N	nil	nil	nil	nil

Line: 4550.0E Number of Stations: 41

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-7.0	33.0	nil	nil
1325.0N	-8.0	34.0	nil	nil
1350.0N	-9.0	33.0	nil	nil
1375.0N	-9.0	32.0	nil	nil
1400.0N	-10.0	31.0	nil	nil
1425.0N	-8.0	32.0	nil	nil
1450.0N	-11.0	27.0	nil	nil
1475.0N	-11.0	30.0	nil	nil
1500.0N	-8.0	33.0	nil	nil
1525.0N	-8.0	33.0	nil	nil
1550.0N	-9.0	37.0	nil	nil
1575.0N	-10.0	37.0	nil	nil
1600.0N	10.0	35.0	nil	nil
1625.0N	-9.0	37.0	nil	nil
1650.0N	-11.0	35.0	nil	nil
1675.0N	-10.0	34.0	nil	nil
1700.0N	-12.0	34.0	nil	nil
1725.0N	-12.0	35.0	nil	nil
1750.0N	-10.0	35.0	nil	nil
1775.0N	-10.0	34.0	nil	nil
1800.0N	-10.0	34.0	nil	nil
1825.0N	-11.0	35.0	nil	nil
1850.0N	-9.0	35.0	nil	nil
1875.0N	-9.0	37.0	nil	nil
1900.0N	-10.0	38.0	nil	nil
1925.0N	-18.0	33.0	nil	nil
1950.0N	-21.0	34.0	nil	nil
1975.0N	-23.0	32.0	nil	nil

2000.0N	-20.0	32.0	nil	nil
2025.0N	-17.0	33.0	nil	nil
2050.0N	-15.0	33.0	nil	nil
2075.0N	-16.0	34.0	nil	nil
2100.0N	-16.0	34.0	nil	nil
2125.0N	-13.0	33.0	nil	nil
2150.0N	-13.0	33.0	nil	nil
2175.0N	-13.0	33.0	nil	nil
2200.0N	-15.0	33.0	nil	nil
2225.0N	-13.0	34.0	nil	nil
2250.0N	-12.0	33.0	nil	nil
2275.0N	-12.0	33.0	nil	nil
2300.0N	-10.0	33.0	nil	nil

Line: 4575.0E Number of Stations: 41

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-7.0	34.0	nil	nil
1325.0N	-8.0	33.0	nil	nil
1350.0N	-5.0	34.0	nil	nil
1375.0N	-5.0	34.0	nil	nil
1400.0N	-7.0	35.0	nil	nil
1425.0N	-6.0	33.0	nil	nil
1450.0N	-6.0	33.0	nil	nil
1475.0N	-7.0	32.0	nil	nil
1500.0N	-7.0	32.0	nil	nil
1525.0N	-10.0	30.0	nil	nil
1550.0N	-11.0	30.0	nil	nil
1575.0N	-12.0	31.0	nil	nil
1600.0N	-10.0	31.0	nil	nil
1625.0N	-11.0	32.0	nil	nil
1650.0N	-10.0	30.0	nil	nil
1675.0N	-12.0	29.0	nil	nil
1700.0N	-13.0	29.0	nil	nil
1725.0N	-14.0	30.0	nil	nil
1750.0N	-11.0	29.0	nil	nil
1775.0N	-10.0	30.0	nil	nil
1800.0N	-10.0	31.0	nil	nil
1825.0N	-12.0	33.0	nil	nil
1850.0N	-12.0	33.0	nil	nil
1875.0N	-13.0	33.0	nil	nil
1900.0N	-16.0	35.0	nil	nil
1925.0N	-18.0	30.0	nil	nil
1950.0N	-15.0	25.0	nil	nil
1975.0N	-17.0	26.0	nil	nil
2000.0N	-19.0	26.0	nil	nil
2025.0N	-15.0	32.0	nil	nil
2050.0N	-14.0	32.0	nil	nil
2075.0N	-16.0	30.0	nil	nil
2100.0N	-14.0	32.0	nil	nil
2125.0N	-15.0	27.0	nil	nil
2150.0N	-14.0	30.0	nil	nil
2175.0N	-13.0	30.0	nil	nil

2200.0N	-13.0	27.0	nil	nil
2225.0N	-12.0	32.0	nil	nil
2250.0N	-11.0	32.0	nil	nil
2275.0N	-11.0	31.0	nil	nil
2300.0N	-10.0	35.0	nil	nil

Line: 4600.0E Number of Stations: 40

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1300.0N	-7.0	71.0	1.0	39.0
1325.0N	-6.0	72.0	0.0	38.0
1350.0N	-6.0	72.0	-1.0	38.0
1375.0N	-6.0	70.0	1.0	36.0
1400.0N	-7.0	70.0	0.0	38.0
1425.0N	-8.0	70.0	-2.0	37.0
1450.0N	-7.0	67.0	-1.0	36.0
1475.0N	-6.0	67.0	-1.0	33.0
1500.0N	-5.0	67.0	0.0	36.0
1525.0N	-6.0	69.0	0.0	37.0
1550.0N	-6.0	63.0	-2.0	35.0
1575.0N	-5.0	63.0	0.0	34.0
1600.0N	-6.0	62.0	0.0	34.0
1625.0N	-6.0	61.0	1.0	33.0
1650.0N	-5.0	62.0	3.0	35.0
1675.0N	-7.0	33.0	1.0	35.0
1700.0N	-7.0	33.0	2.0	35.0
1725.0N	-9.0	34.0	1.0	37.0
1750.0N	-7.0	34.0	2.0	35.0
1775.0N	-5.0	35.0	1.0	37.0
1800.0N	-6.0	35.0	0.0	38.0
1825.0N	-9.0	35.0	-2.0	39.0
1850.0N	-12.0	35.0	-4.0	40.0
1875.0N	-13.0	36.0	-3.0	38.0
1900.0N	-15.0	36.0	-7.0	43.0
1925.0N	-19.0	33.0	-9.0	37.0
1950.0N	-18.0	34.0	-9.0	33.0
1975.0N	-17.0	33.0	-3.0	31.0
2000.0N	-16.0	32.0	3.0	30.0
2025.0N	-15.0	35.0	7.0	33.0
2050.0N	-15.0	36.0	1.0	50.0
2075.0N	-15.0	37.0	-8.0	38.0
2100.0N	-13.0	36.0	-8.0	36.0
2125.0N	-16.0	35.0	-7.0	36.0
2150.0N	-10.0	34.0	-10.0	30.0
2175.0N	-12.0	35.0	-5.0	30.0
2200.0N	-10.0	37.0	-2.0	31.0
2225.0N	-11.0	36.0	0.0	33.0
2250.0N	-10.0	34.0	5.0	33.0
2275.0N	nil	nil	nil	nil

Line: 4625.0E Number of Stations: 29

	Seattle		Annapolis	

Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1625.0N	-2.0	30.0	nil	nil
1650.0N	-3.0	32.0	nil	nil
1675.0N	-4.0	32.0	nil	nil
1700.0N	-5.0	32.0	nil	nil
1725.0N	-5.0	32.0	nil	nil
1750.0N	-6.0	32.0	nil	nil
1775.0N	-9.0	33.0	nil	nil
1800.0N	-10.0	35.0	nil	nil
1825.0N	-10.0	33.0	nil	nil
1850.0N	-10.0	33.0	nil	nil
1875.0N	-11.0	33.0	nil	nil
1900.0N	-17.0	31.0	nil	nil
1925.0N	-20.0	28.0	nil	nil
1950.0N	-18.0	30.0	nil	nil
1975.0N	-19.0	28.0	nil	nil
2000.0N	-16.0	31.0	nil	nil
2025.0N	-13.0	32.0	nil	nil
2050.0N	17.0	33.0	nil	nil
2075.0N	-17.0	33.0	nil	nil
2100.0N	-16.0	34.0	nil	nil
2125.0N	-16.0	34.0	nil	nil
2150.0N	-16.0	35.0	nil	nil
2175.0N	-12.0	37.0	nil	nil
2200.0N	-13.0	36.0	nil	nil
2225.0N	-13.0	35.0	nil	nil
2250.0N	-11.0	35.0	nil	nil
2275.0N	-12.0	34.0	nil	nil
2300.0N	-15.0	33.0	nil	nil
2325.0N	nil	nil	nil	nil

Line: 4650.0E Number of Stations: 26

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1675.0N	0.0	36.0	nil	nil
1700.0N	0.0	36.0	nil	nil
1725.0N	0.0	36.0	nil	nil
1750.0N	-2.0	38.0	nil	nil
1775.0N	-4.0	37.0	nil	nil
1800.0N	-4.0	34.0	nil	nil
1825.0N	-4.0	34.0	nil	nil
1850.0N	-5.0	35.0	nil	nil
1875.0N	-8.0	35.0	nil	nil
1900.0N	-12.0	30.0	nil	nil
1925.0N	-12.0	26.0	nil	nil
1950.0N	-9.0	25.0	nil	nil
1975.0N	-10.0	25.0	nil	nil
2000.0N	-12.0	28.0	nil	nil
2025.0N	-11.0	30.0	nil	nil
2050.0N	-10.0	31.0	nil	nil
2075.0N	-11.0	30.0	nil	nil
2100.0N	-11.0	31.0	nil	nil
2125.0N	-14.0	31.0	nil	nil

2150.0N	-15.0	31.0	nil	nil
2175.0N	-10.0	30.0	nil	nil
2200.0N	-12.0	31.0	nil	nil
2225.0N	-12.0	31.0	nil	nil
2250.0N	-11.0	31.0	nil	nil
2275.0N	-10.0	31.0	nil	nil
2300.0N	-11.0	30.0	nil	nil

Line: 4675.0E Number of Stations: 26

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1700.0N	0.0	21.0	nil	nil
1725.0N	-2.0	20.0	nil	nil
1750.0N	-1.0	21.0	nil	nil
1775.0N	0.0	20.0	nil	nil
1800.0N	-2.0	20.0	nil	nil
1825.0N	1.0	20.0	nil	nil
1850.0N	0.0	19.0	nil	nil
1875.0N	-2.0	19.0	nil	nil
1900.0N	-6.0	18.0	nil	nil
1925.0N	-3.0	18.0	nil	nil
1950.0N	-1.0	16.0	nil	nil
1975.0N	-6.0	17.0	nil	nil
2000.0N	-2.0	16.0	nil	nil
2025.0N	-1.0	17.0	nil	nil
2050.0N	-6.0	18.0	nil	nil
2075.0N	-8.0	18.0	nil	nil
2100.0N	15.0	18.0	nil	nil
2125.0N	-12.0	18.0	nil	nil
2150.0N	-11.0	18.0	nil	nil
2175.0N	-11.0	18.0	nil	nil
2200.0N	-11.0	18.0	nil	nil
2225.0N	-13.0	17.0	nil	nil
2250.0N	-12.0	17.0	nil	nil
2275.0N	-8.0	17.0	nil	nil
2300.0N	-10.0	17.0	nil	nil
2325.0N	nil	nil	nil	nil

Line: 4700.0E Number of Stations: 15

	Seattle		Annapolis	
Station	Dip Angle	Field Str.	Dip Angle	Field Str.
1800.0N	-2.0	35.0	nil	nil
1825.0N	-3.0	36.0	nil	nil
1850.0N	-3.0	37.0	nil	nil
1875.0N	-3.0	36.0	nil	nil
1900.0N	-3.0	36.0	nil	nil
1925.0N	-3.0	36.0	nil	nil
1950.0N	0.0	35.0	nil	nil
1975.0N	-1.0	35.0	nil	nil
2000.0N	0.0	36.0	nil	nil
2025.0N	0.0	35.0	nil	nil
2050.0N	0.0	35.0	nil	nil

2075.0N	-4.0	34.0	nil	nil
2100.0N	-6.0	33.0	nil	nil
2125.0N	-6.0	32.0	nil	nil
2150.0N	nil	nil	nil	nil

Appendix C
Certificates

CERTIFICATE

I, Herbert Mertens, of the City of Vancouver in the Province of British Columbia, do hereby certify:

I) I am a consulting geophysicist for the firm of Shangri-La Minerals Limited, based at 706-675 West Hastings Street, Vancouver, B.C., V6B 1N2.

II) I am a graduate of the University of British Columbia (1984) and hold a Bachelor of Science degree in Geophysics.

III) I am a member, in good standing, of both the Canadian Society of Exploration Geophysicists (CSEG) and the Society of Exploration Geophysicists (SEG).

IV) Since graduation, I have worked at seismic processing in Calgary, Alberta and at exploration on various properties in British Columbia.

V) This report is based on interpretation by this author of shootback electromagnetic and total field magnetic data gathered between September 19 and October 17 by a Shangri-La Minerals Limited crew.

VI) I have no direct or indirect interest in the property, nor do I expect to receive any.

Respectfully submitted at Vancouver, B.C.

Herbert Mertens, B.Sc.
4 January, 1988

CERTIFICATE

I, David Coffin, of the City of Vancouver in the Province of British Columbia, do hereby certify that:

I) I am a consultant with the firm of Shangri-La Minerals Limited at 706-675 West Hastings St., Vancouver, B.C., V6B 1N2.

II) I attended the Haileybury School of Mines, Ontario, in the department of Mining Technology, from 1975 to 1977.

III) Since 1974 I have worked at a variety of jobs in the Canadian mineral exploration field, including regional and detailed prospecting, detailed geological mapping, core logging, property management and program development.

IV) This assessment report is based upon field work conducted between September 19 and October 17, 1987 by a Shangri-La Minerals Limited crew.

V) I hold no direct or indirect interest in the property, nor do I expect to receive any.

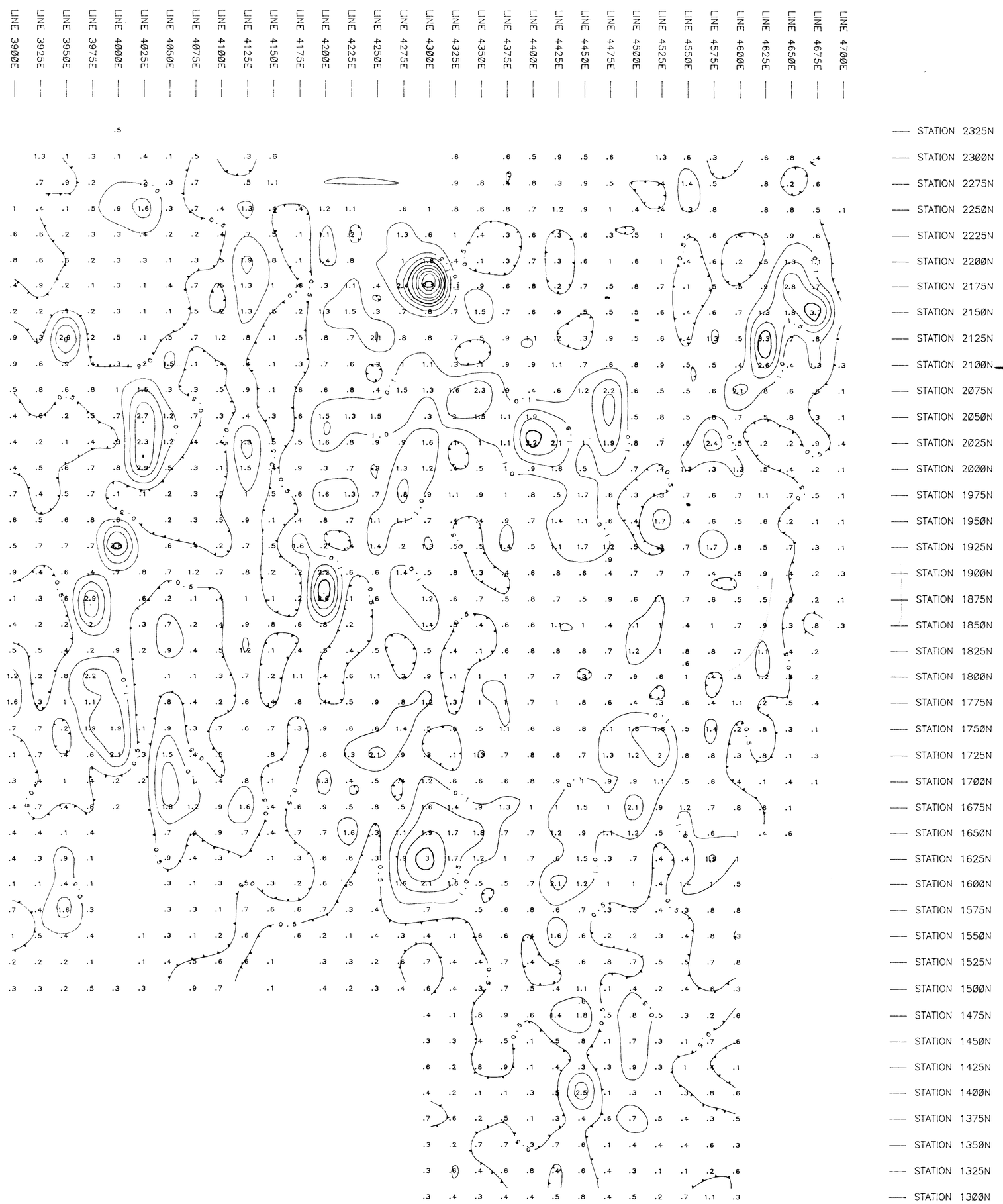
Submitted at Vancouver, B.C.

David Coffin
4 January, 1988

Appendix D
Cost Breakdown of Program

COST BREAKDOWN FOR
THE KEMISS CREEK PROJECT, 1987

STAFF CHARGES	$30,975.00
AIRPLANE AND HELICOPTER CHARTERS	9,165.52
SUPPLIES AND GROCERIES	5,918.71
VEHICLE AND EQUIPMENT RENTALS	5,443.13
ASSAYS AND ANALYSIS	16,530.00
TOTAL	$68,032.36



DU

Ron #4

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,852

SILVER CONTOUR INTERVAL
0.5 PPM

SCALE 1:2500

50 0 50 100 150

METERS

KEMMESS CREEK PROJECT

FOR: ST. PHILLIPS RESOURCES INC.

PLOTTED BY: RPM MAPPING
AND COMPUTER SERVICES LTD.

SOIL GEOCHEMISTRY

SILVER

OMINECA M.D., B.C.

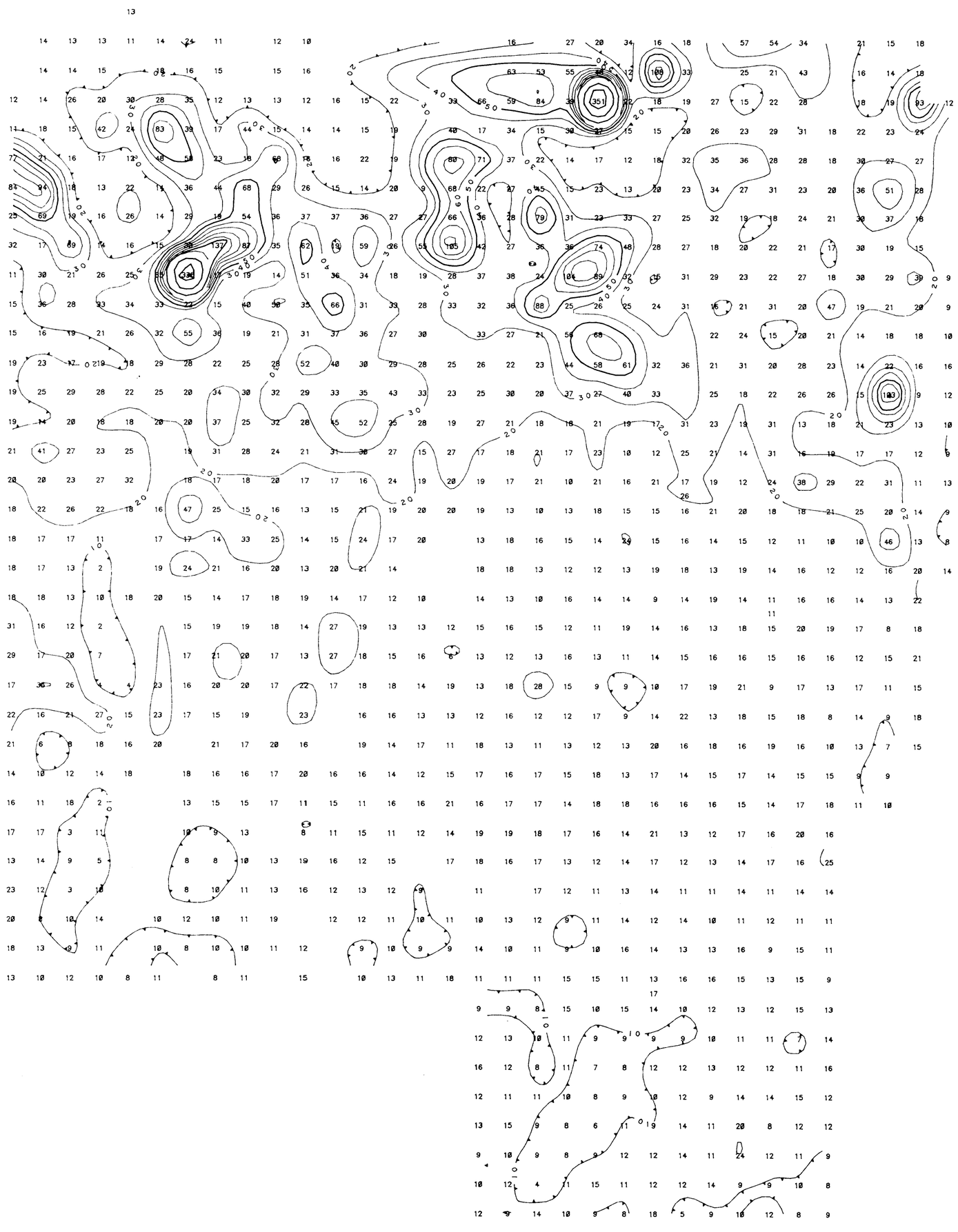
N.T.S.: 94E / 2W	DATE: DECEMBER 1987
PLOTTED BY: R.P.M.	FIGURE NO. 5c

SW corner of Duclaim

DU

Ron #4

LINE 3900E | LINE 3925E | LINE 3950E | LINE 3975E | LINE 4000E | LINE 4025E | LINE 4050E | LINE 4075E | LINE 4100E | LINE 4125E | LINE 4150E | LINE 4175E | LINE 4200E | LINE 4225E | LINE 4250E | LINE 4275E | LINE 4300E | LINE 4325E | LINE 4350E | LINE 4375E | LINE 4400E | LINE 4425E | LINE 4450E | LINE 4475E | LINE 4500E | LINE 4525E | LINE 4550E | LINE 4575E | LINE 4600E | LINE 4625E | LINE 4650E | LINE 4675E | LINE 4700E



STATION 2325N
STATION 2300N
STATION 2275N
STATION 2250N
STATION 2225N
STATION 2200N
STATION 2175N
STATION 2150N
STATION 2125N
STATION 2100N
STATION 2075N
STATION 2050N
STATION 2025N
STATION 2000N
STATION 1975N
STATION 1950N
STATION 1925N
STATION 1900N
STATION 1875N
STATION 1850N
STATION 1825N
STATION 1800N
STATION 1775N
STATION 1750N
STATION 1725N
STATION 1700N
STATION 1675N
STATION 1650N
STATION 1625N
STATION 1600N
STATION 1575N
STATION 1550N
STATION 1525N
STATION 1500N
STATION 1475N
STATION 1450N
STATION 1425N
STATION 1400N
STATION 1375N
STATION 1350N
STATION 1325N
STATION 1300N

N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,852

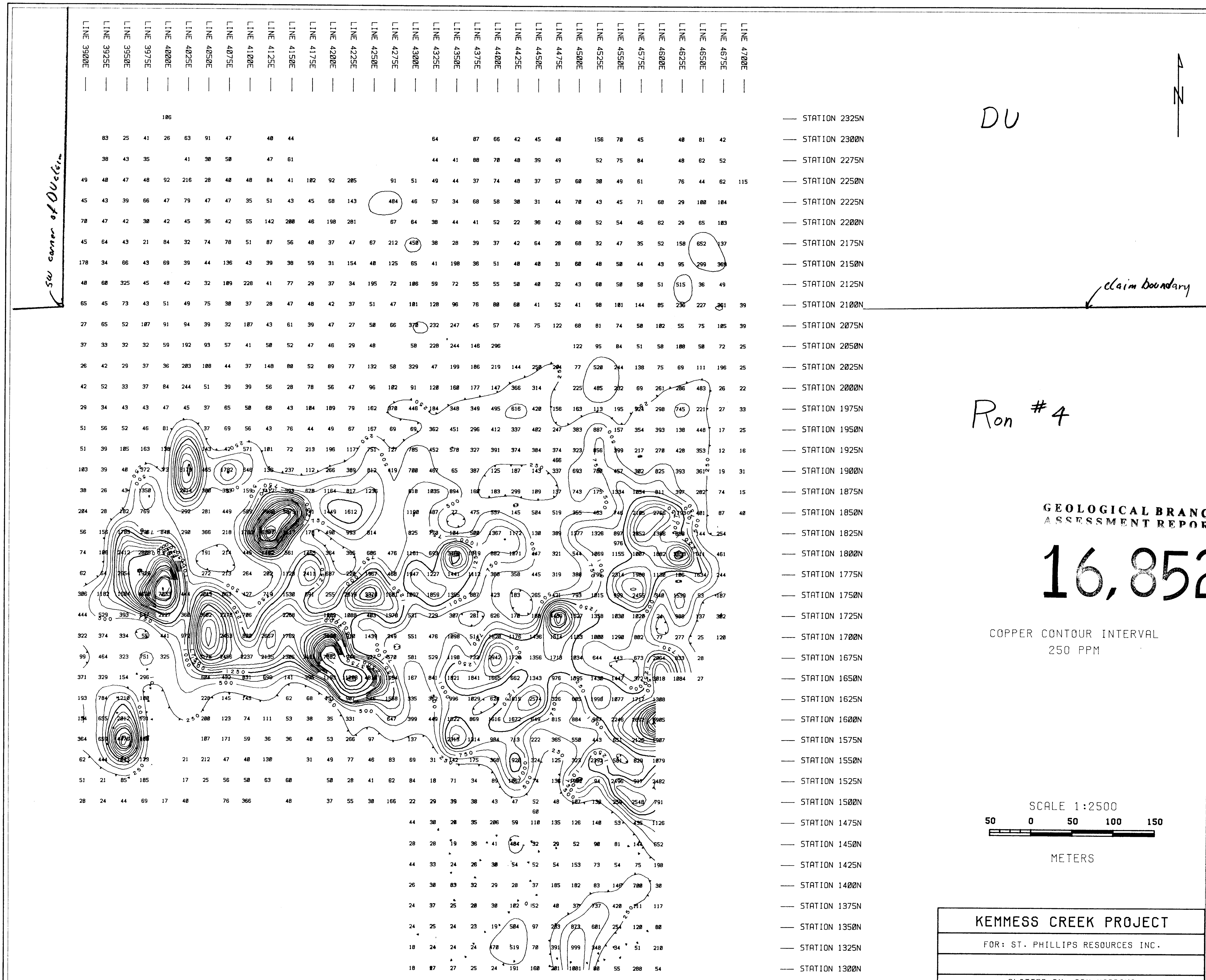
LEAD CONTOUR INTERVAL
10 PPM

SCALE 1:2500

50 0 50 100 150

METERS

KEMMESS CREEK PROJECT	
FOR: ST. PHILLIPS RESOURCES INC.	
PLOTTED BY: RPM MAPPING AND COMPUTER SERVICES LTD.	
SOIL GEOCHEMISTRY	
LEAD	
OMINECA M.D., B.C.	
N.T.S.: 94E / 2W	DATE: DECEMBER 1987
PLOTTED BY: R.P.M.	FIGURE NO. 5c



DU

Ron #4

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,852

COPPER CONTOUR INTERVAL
250 PPM

SCALE 1:2500
50 0 50 100 150
METERS

KEMMESS CREEK PROJECT

FOR: ST. PHILLIPS RESOURCES INC.

PLOTTED BY: RPM MAPPING
AND COMPUTER SERVICES LTD.

SOIL GEOCHEMISTRY

COPPER

OMINECA M.D., B.C.

N.T.S.: 94E / 2W	DATE: DECEMBER 1987
PLOTTED BY: R.P.M.	FIGURE NO. 5b

SW corner of DU claim

LINE 3900E | LINE 3925E | LINE 3950E | LINE 3975E | LINE 4000E | LINE 4025E | LINE 4050E | LINE 4075E | LINE 4100E | LINE 4125E | LINE 4150E | LINE 4175E | LINE 4200E | LINE 4225E | LINE 4250E | LINE 4275E | LINE 4300E | LINE 4325E | LINE 4350E | LINE 4375E | LINE 4400E | LINE 4425E | LINE 4450E | LINE 4475E | LINE 4500E | LINE 4525E | LINE 4550E | LINE 4575E | LINE 4600E | LINE 4625E | LINE 4650E | LINE 4675E | LINE 4700E

STATION 2325N
STATION 2300N
STATION 2275N
STATION 2250N
STATION 2225N
STATION 2200N
STATION 2175N
STATION 2150N
STATION 2125N
STATION 2100N
STATION 2075N
STATION 2050N
STATION 2025N
STATION 2000N
STATION 1975N
STATION 1950N
STATION 1925N
STATION 1900N
STATION 1875N
STATION 1850N
STATION 1825N
STATION 1800N
STATION 1775N
STATION 1750N
STATION 1725N
STATION 1700N
STATION 1675N
STATION 1650N
STATION 1625N
STATION 1600N
STATION 1575N
STATION 1550N
STATION 1525N
STATION 1500N
STATION 1475N
STATION 1450N
STATION 1425N
STATION 1400N
STATION 1375N
STATION 1350N
STATION 1325N
STATION 1300N

N

DU

Ron #4

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,852

GOLD CONTOUR INTERVAL
50 PPB

SCALE 1:2500

50 0 50 100 150

METERS

KEMMESS CREEK PROJECT

FOR: ST. PHILLIPS RESOURCES INC.

PLOTTED BY: RPM MAPPING
AND COMPUTER SERVICES LTD.

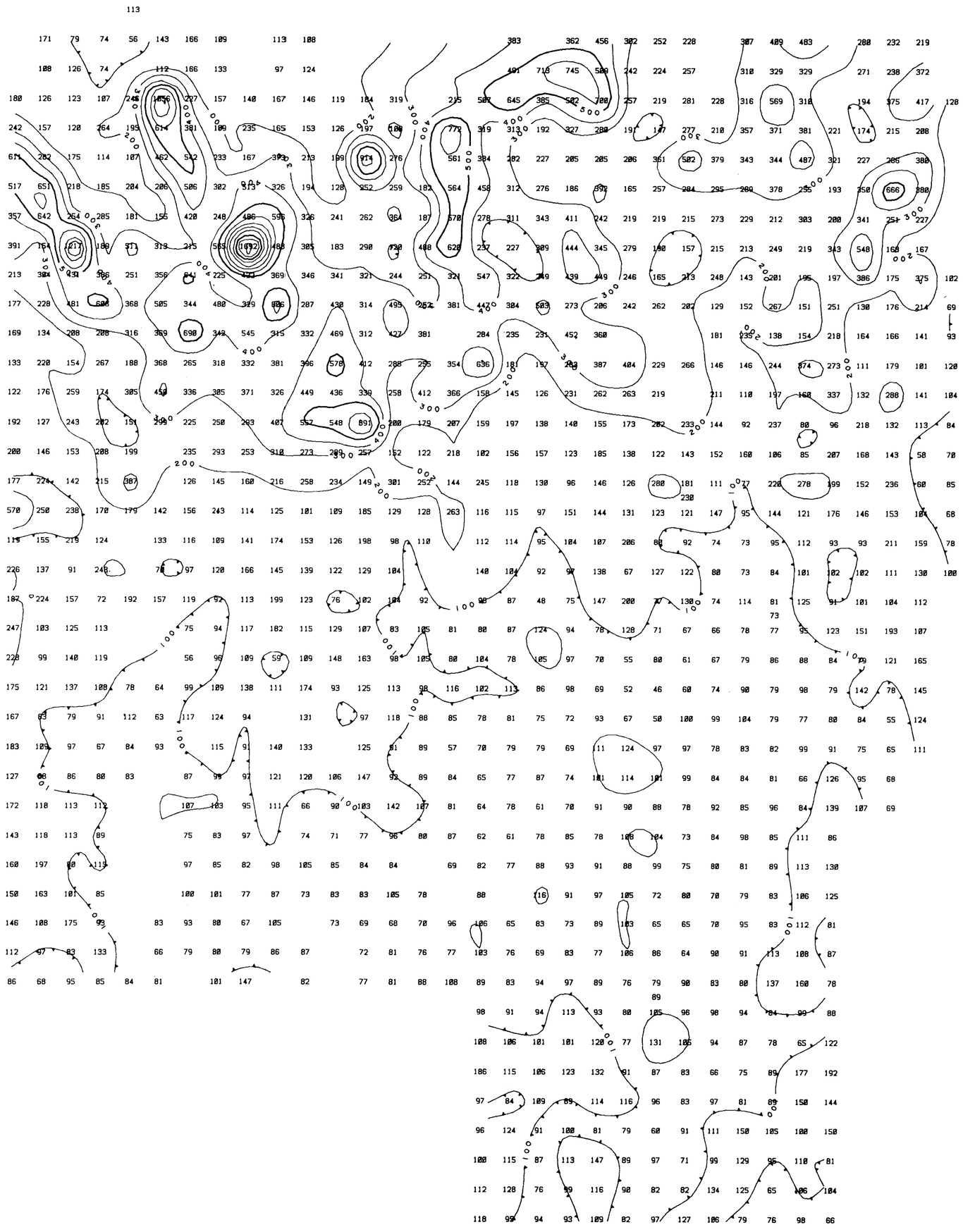
SOIL GEOCHEMISTRY

GOLD

OMINECA M.D., B.C.

N.T.S.: 94E / 2W	DATE: DECEMBER 1987
PLOTTED BY: R.P.M.	FIGURE NO. 59

LINE 3900E | LINE 3925E | LINE 3950E | LINE 3975E | LINE 4000E | LINE 4025E | LINE 4050E | LINE 4075E | LINE 4100E | LINE 4125E | LINE 4150E | LINE 4175E | LINE 4200E | LINE 4225E | LINE 4250E | LINE 4275E | LINE 4300E | LINE 4325E | LINE 4350E | LINE 4375E | LINE 4400E | LINE 4425E | LINE 4450E | LINE 4475E | LINE 4500E | LINE 4525E | LINE 4550E | LINE 4575E | LINE 4600E | LINE 4625E | LINE 4650E | LINE 4675E | LINE 4700E



STATION 2325N
STATION 2300N
STATION 2275N
STATION 2250N
STATION 2225N
STATION 2200N
STATION 2175N
STATION 2150N
STATION 2125N
STATION 2100N
STATION 2075N
STATION 2050N
STATION 2025N
STATION 2000N
STATION 1975N
STATION 1950N
STATION 1925N
STATION 1900N
STATION 1875N
STATION 1850N
STATION 1825N
STATION 1800N
STATION 1775N
STATION 1750N
STATION 1725N
STATION 1700N
STATION 1675N
STATION 1650N
STATION 1625N
STATION 1600N
STATION 1575N
STATION 1550N
STATION 1525N
STATION 1500N
STATION 1475N
STATION 1450N
STATION 1425N
STATION 1400N
STATION 1375N
STATION 1350N
STATION 1325N
STATION 1300N

N

DU

Ron #4

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,852

ZINC CONTOUR INTERVAL
100 PPM

SCALE 1:2500

50 0 50 100 150

METERS

KEMMESS CREEK PROJECT

FOR: ST. PHILLIPS RESOURCES INC.

PLOTTED BY: RPM MAPPING
AND COMPUTER SERVICES LTD.

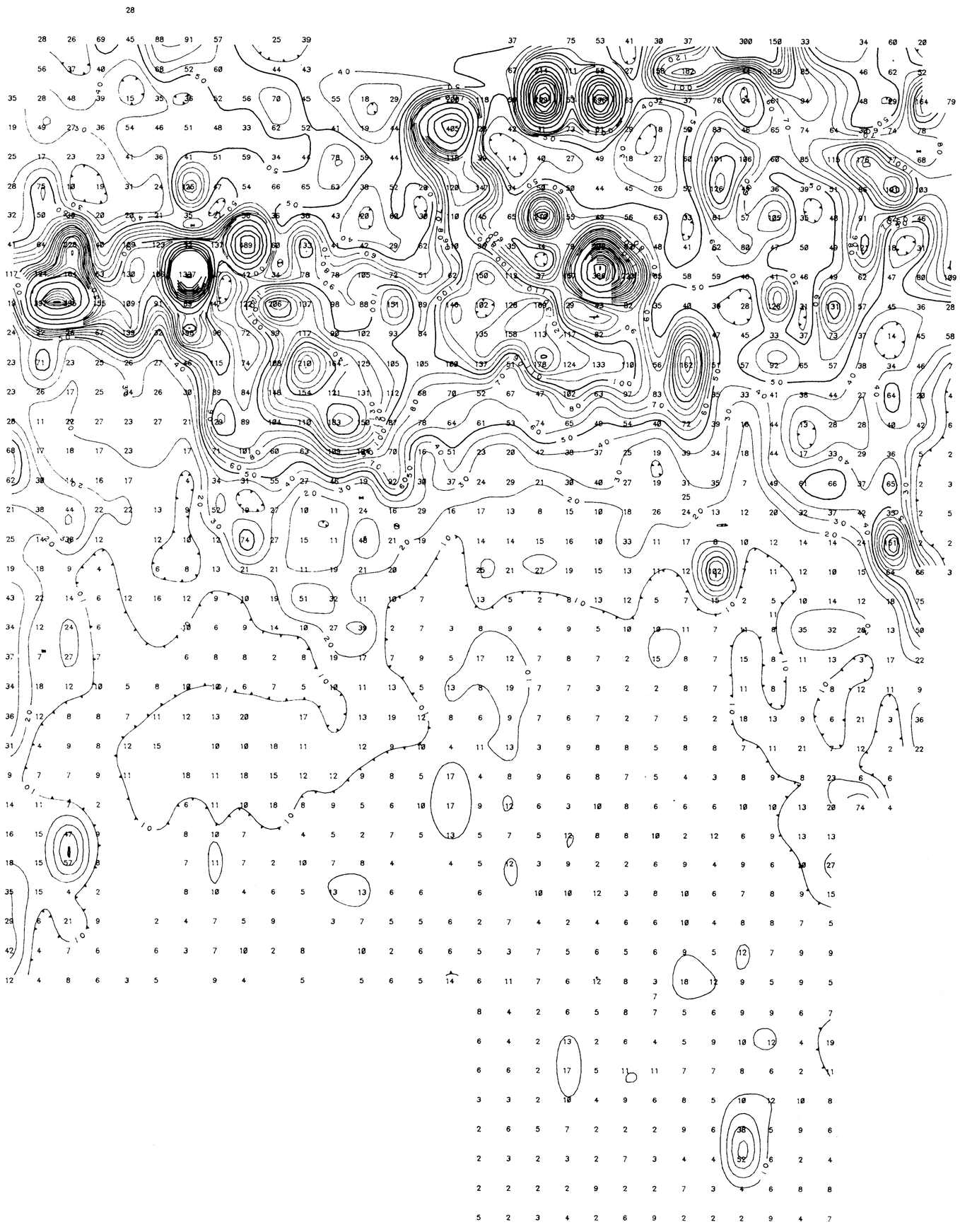
SOIL GEOCHEMISTRY

ZINC

OMINECA M.D., B.C.

N.T.S.: 94E / 2W	DATE: DECEMBER 1987
PLOTTED BY: R.P.M.	FIGURE NO. 54

LINE 3900E
LINE 3925E
LINE 3950E
LINE 3975E
LINE 4000E
LINE 4025E
LINE 4050E
LINE 4075E
LINE 4100E
LINE 4125E
LINE 4150E
LINE 4175E
LINE 4200E
LINE 4225E
LINE 4250E
LINE 4275E
LINE 4300E
LINE 4325E
LINE 4350E
LINE 4375E
LINE 4400E
LINE 4425E
LINE 4450E
LINE 4475E
LINE 4500E
LINE 4525E
LINE 4550E
LINE 4575E
LINE 4600E
LINE 4625E
LINE 4650E
LINE 4675E
LINE 4700E



STATION 2325N
STATION 2300N
STATION 2275N
STATION 2250N
STATION 2225N
STATION 2200N
STATION 2175N
STATION 2150N
STATION 2125N
STATION 2100N
STATION 2075N
STATION 2050N
STATION 2025N
STATION 2000N
STATION 1975N
STATION 1950N
STATION 1925N
STATION 1900N
STATION 1875N
STATION 1850N
STATION 1825N
STATION 1800N
STATION 1775N
STATION 1750N
STATION 1725N
STATION 1700N
STATION 1675N
STATION 1650N
STATION 1625N
STATION 1600N
STATION 1575N
STATION 1550N
STATION 1525N
STATION 1500N
STATION 1475N
STATION 1450N
STATION 1425N
STATION 1400N
STATION 1375N
STATION 1350N
STATION 1325N
STATION 1300N

sw corner of NUclaim

claim boundary

N

DU

Ron #4

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,852

ARSENIC CONTOUR INTERVAL
10 PPM

SCALE 1:2500

50 0 50 100 150

METERS

KEMMESS CREEK PROJECT

FOR: ST. PHILLIPS RESOURCES INC.

PLOTTED BY: RPM MAPPING
AND COMPUTER SERVICES LTD.

SOIL GEOCHEMISTRY

ARSENIC

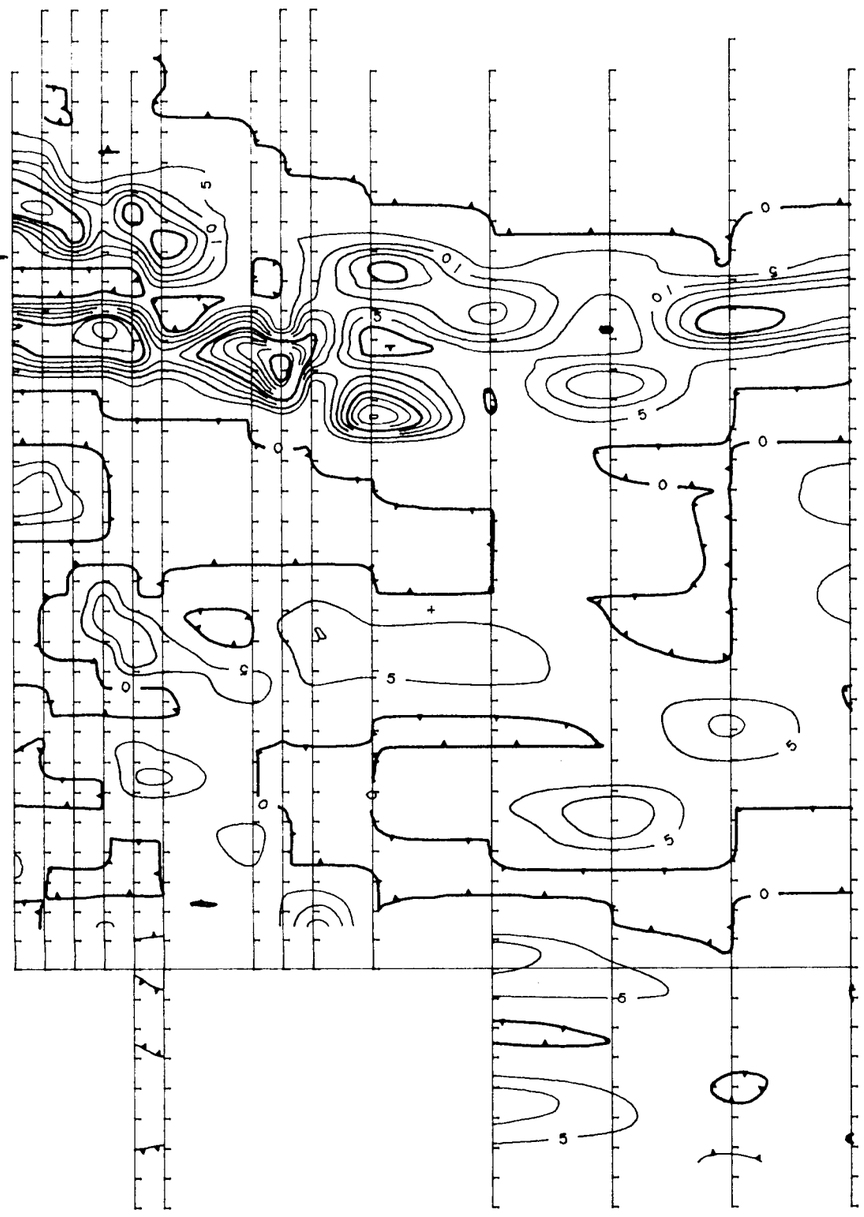
OMINECA M.D., B.C.

N.T.S.: 94E / 2W	DATE: DECEMBER 1987
PLOTTED BY: R.P.M.	FIGURE NO. 5d

3900E
3925E
3950E
3975E
4000E
4025E
4100E
4125E
4150E
4200E
4300E
4400E
4500E
4600E

N

2300N
2100N
1900N
1700N
1500N
1300N



DU

claim boundry

Ron #4

BASELINE

SCALE 1:5000

100 0 100 200 300

METERS

CONTOUR INTERVAL: 5 DEGREES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,852

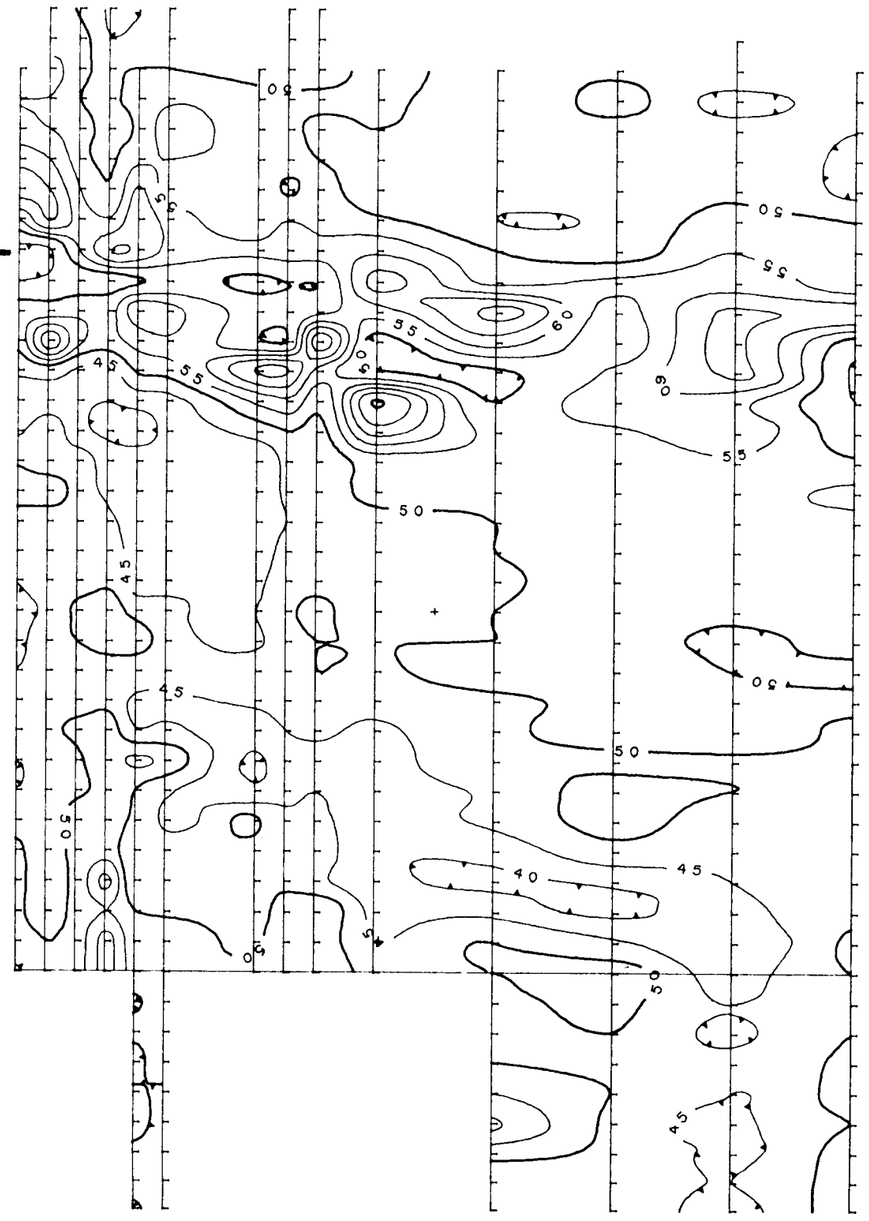
KEMMESS CREEK PROJECT	
PLOTTED BY: RPM MAPPING AND COMPUTER SERVICES LTD.	
VLF-EM (ANNAPOLIS) **FORWARD FRASER FILTERED DIP ANGLES** OMINECA M.D., B.C.	
N.T.S.: 94E / 2W	DATE: DECEMBER 1987
PLOTTED BY: R.P.M.	FIGURE NO. 39

3900E
3925E
3950E
3975E
4000E
4025E
4100E
4125E
4150E
4200E
4300E
4400E
4500E
4600E

N

DU

2300N
2100N
1900N
1700N
1500N
1300N



Ron #4

BASELINE

SCALE 1:5000

100 0 100 200 300

METERS

CONTOUR INTERVAL: 5 PERCENT

KEMMESS CREEK PROJECT

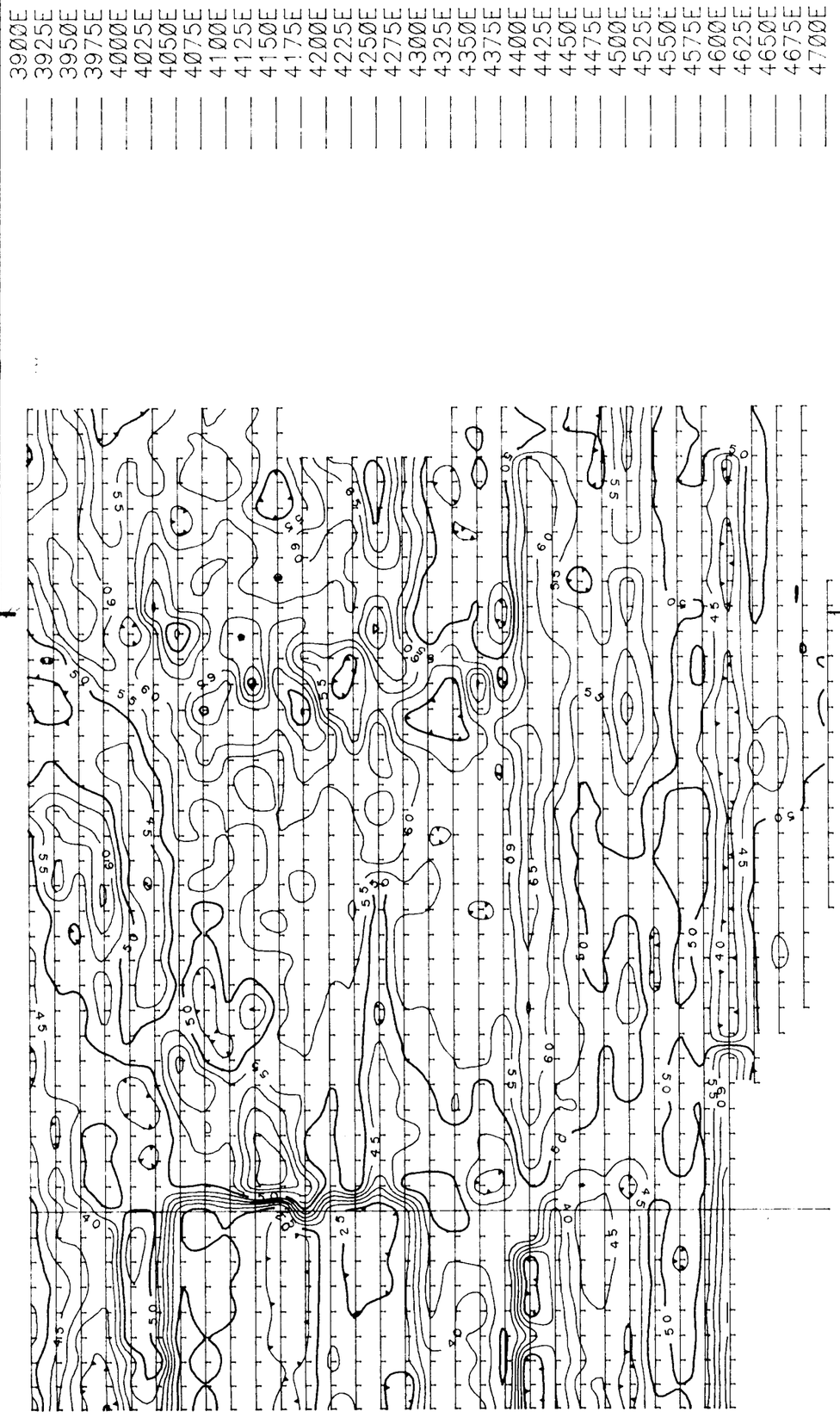
PLOTTED BY: RPM MAPPING
AND COMPUTER SERVICES LTD.

VLF-EM (ANNAPOLIS)

FIELD STRENGTH

OMINECA M.D., B.C.

N.T.S.: 94E / 2W	DATE: DECEMBER 1987
PLOTTED BY: R.P.M.	FIGURE NO. 36



N

SCALE 1:5000

100 0 100 200 300

METERS

CONTOUR INTERVAL: 5 PERCENT

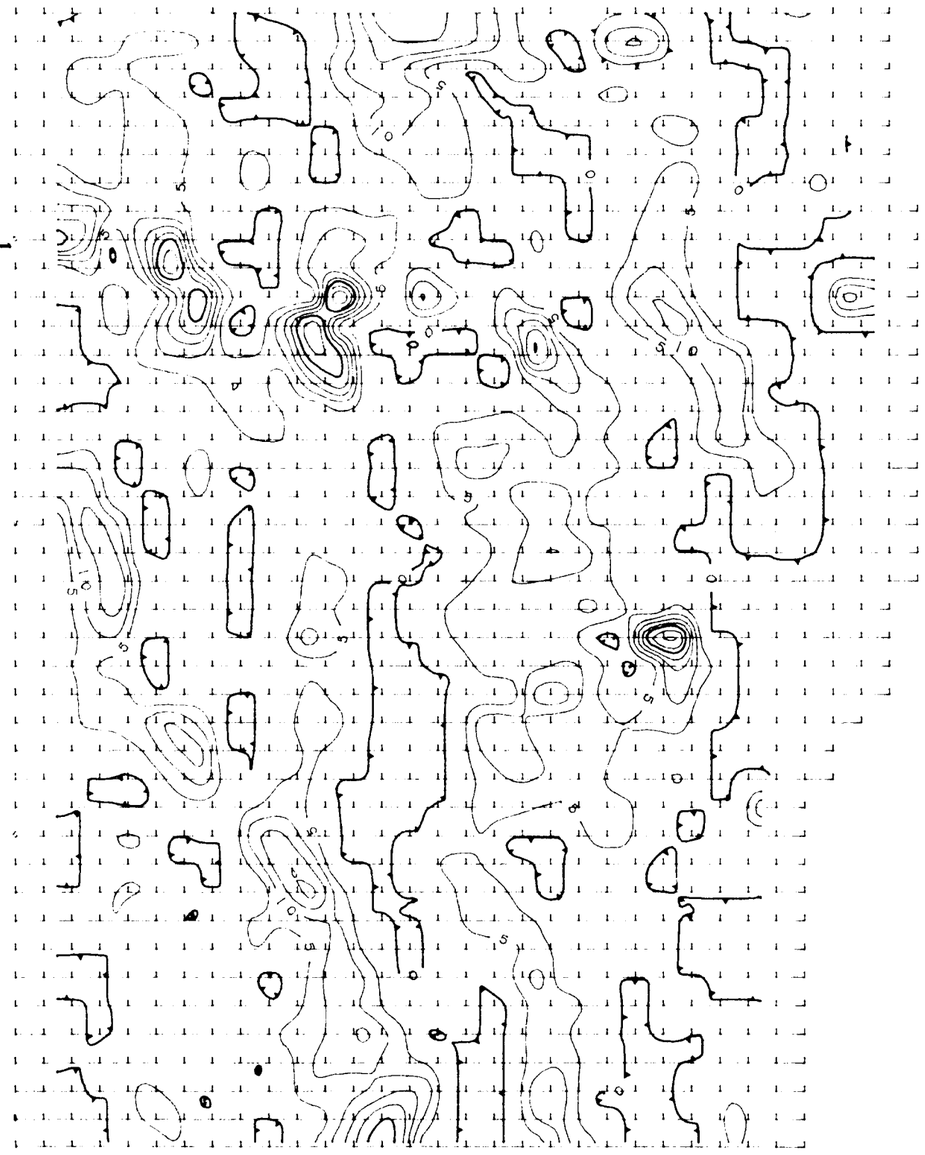
GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,852

KEMMESS CREEK PROJECT	
PLOTTED BY: RPM MAPPING AND COMPUTER SERVICES LTD.	
VLF-EM (SEATTLE) FIELD STRENGTH OMINECA M.D., B.C.	
N.T.S.: 94E / 2W	DATE: DECEMBER 1987
PLOTTED BY: R.P.M.	FIGURE NO. 4b

3400E | 4100E | 4300E | 4500E | 4700E

2300N
2275N
2250N
2225N
2200N
2175N
2150N
2125N
2100N
2075N
2050N
2025N
2000N
1975N
1950N
1925N
1900N
1875N
1850N
1825N
1800N
1775N
1750N
1725N
1700N
1675N
1650N
1625N
1600N
1575N
1550N
1525N
1500N
1475N
1450N
1425N
1400N
1375N
1350N
1325N
1300N



N

DU

claim boundary

Ron #4

BASELINE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,852

SCALE 1:5000

100 0 100 200 300

METERS

CONTOUR INTERVAL: 5 DEGREES

KEMMESS CREEK PROJECT

PLOTTED BY: RPM MAPPING
AND COMPUTER SERVICES LTD.

VLF-EM (SEATTLE)

VIRTUAL LINES

FORWARD FRASER FILTERED DIP ANGLES

OMINECA M.D., B.C.

N.T.S.: 94E / 2W	DATE: DECEMBER 1987
PLOTTED BY: R.P.M.	FIGURE NO. 4a