TABLE 4

ELEMENTS	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hf	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Re	S	Sb	Sc	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
UNITS	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb	ppm	ppm	ppb	ppm	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppm	ppb	ppb	ppm	ppm	ppb	ppb	ppm	ppm
DETECTION	0.5	5	5	0.2	5	0.1	0.01	5	20	5	10	0.02	0.2	1	0.1	0.5	0.5	0.5	10	5	0.5	0.5	2	0.1	2	10	5	0.02	0.1	10	0.5	0.02	20	2	5	0.2	10	0.02	2	1	1	0.01	2	10	0.02	0.02	0.02	10	1	0.05	0.05	5	0.5	0.02	5	0.5	0.05	0.5	2	0.2	0.02	5	0.5	0.2	0.05
METHOD	BG/MS	BG/MS	BG/OE	BG/MS	BG/OE	BG/MS	BG/MS	BG/MS	BG/OE	BG/MS	BG/MS	BG/OE	BG/OE	BG/MS	BG/OE	BG/MS	BG/MS	BG/MS	BG/OE	BG/MS	BG/MS	BG/MS	BG/MS	BG/MS	BG/MS	BG/OE	BG/MS	BG/MS	BG/MS	BG/OE	BG/OE	BG/MS	BG/OE	BG/MS	BG/MS	BG/MS	BG/OE	BG/OE	BG/MS	BG/MS	BG/MS	BG/MS	BG/MS	BG/OE	BG/MS	BG/OE	BG/MS	BG/MS	BG/MS	BG/MS	BG/MS	BG/MS	BG/MS	BG/OE	BG/MS	BG/MS	BG/MS	BG/MS	BG/OE	BG/MS	BG/MS	BG/MS	BG/OE	BG/MS
LV1	X	8	752	X	20	1.9	0.01	8	10919	84	364	0.13	0.8	41	2	15.2	7.1	4.8	161	108	21.2	X	36	X	X	1841	204	0.12	0.7	2025	1730	0.04	211	11	145	0.5	518	0.27	X	40	X	3.34	X	1080	X	X	0.57	14	28	X	18.69	X	3.1	X	15	1.4	0.04	0.8	7	0.5	X	79	5.4	18.3	X
LV2	X	8	808	X	19	1	0.01	14	8595	48	593	0.15	0.9	57	1.7	24.6	11	8.2	123	138	37.3	X	115	4.3	X	1440	294	0.17	1.3	1766	1088	0.08	198	23	238	1.1	511	0.52	X	63	X	2.5	X	1389	X	X	0.52	12	46	X	15.41	X	5	X	49	0.9	0.03	1.4	13	0.6	X	124	7.3	14.9	5
LV3	X	23	567	X	16	2.7	0.01	8	6473	39	343	0.13	0.6	39	2.6	15.2	8	5.3	169	95	23.3	X	58	2.8	X	1252	170	0.1	0.8	1305	992	0.04	219	13	146	0.9	360	0.47	X	38	X	2.48	X	1058	X	X	0.72	13	29	X	14.01	X	3.3	X	29	1.4	0.02	0.9	7	0.4	X	85	4.9	12.7	0.09
LV4	X	9	621	X	18	2.4	0.02	8	9311	23	457	0.15	0.7	49	2.2	17.7	8	6.3	245	132	29.3	X	82	3.6	X	1256	239	0.15	0.9	2036	1503	0.05	310	18	191	1	381	0.36	X	49	X	1.78	X	1020	X	X	0.61	14	17	X	11.83	X	3.7	X	37	5.3	0.03	1.1	9	0.4	X	92	6.3	53.3	X
LV5	X	8	705	X	19	3.2	0.02	8	11207	17	613	0.15	0.5	77	6.5	22.1	10.6	7.7	311	142	35.3	X	82	4.2	X	1230	312	0.18	1.1	1757	1137.6	0.08	127	24	237	1.2	498	0.42	X	62	X	2.21	X	1496	X	X	0.56	14	45	X	18.96	X	4.8	X	39	5.1	0.03	1.3	11	0.7	0.02	118	8.2	36.5	X
LV6	X	7	667	X	20	3.7	0.02	10	11750	11	545	0.15	0.7	62	5.7	21.6	9.7	7.3	280	128	32	X	80	4	X	1343	280	0.15	1.2	1847	981.3	0.06	116	24	219	0.9	477	0.41	X	57	X	2.2	X	1343	X	X	0.5	13	38	X	20.01	X	4.4	X	40	4.9	0.02	1.3	10	0.7	X	108	7	33	0.07
LV7	X	11	548	X	13	2.8	0.02	8	10204	22	536	0.17	0.9	44	1.9	22.5	11.2	8.1	253	118	34.8	X	88	4	X	846	267	0.13	0.9	1200	967.9	0.05	139	20	222	0.6	812	0.39	X	59	X	1.26	X	957	X	X	0.35	X	41	X	16.1	X	4.8	X	58	5.6	0.01	1.3	11	0.6	X	123	9.3	9.7	0.17
LV8	X	10	593	X	16	2.4	0.02	7	7571	23	469	0.15	0.8	82	2.3	20.1	10.4	5.8	196	121	30.6	X	70	4	X	1221	227	0.11	1	1635	1530.7	0.05	257	17	188	0.8	800	0.33	X	48	X	2.14	X	1039	X	X	0.39	X	36	X	11.45	X	4.4	X	39	4.3	0.05	1.3	9	0.4	X	110	6.8	11.1	0.07
LV9	X	12	451	X	14	3.2	0.02	12	9447	35	427	0.18	0.6	91	2.4	16.9	8.8	6.4	220	114	27.5	1.6	69	3.5	X	1095	210	0.14	0.8	1703	1164.3	0.05	161	17	178	0.9	329	0.35	X	46	X	2.45	X	1052	X	X	0.46	X	33	X	16.78	X	3.8	X	48	4	0.04	1.2	8	0.5	0.05	94	6.3	37.3	0.11
LV10	X	13	632	X	15	3	0.01	9	9042	17	478	0.19	0.8	39	2.3	22.2	10.5	7.2	256	139	33	X	79	4	X	1070	243	0.16	1.2	1308	1550.6	0.05	169	18	203	1	355	0.48	X	52	X	1.75	X	1089	X	X	0.29	X	38	X	15.39	X	4.5	X	25	3.5	0.03	1.1	9	0.6	X	115	7.1	45.8	X
LV11	X	11	590	X	16	3.8	0.02	12	9187	33	674	0.24	0.9	53	2.4	31.1	16.7	10.7	312	173	48.4	X	116	6.4	X	1272	344	0.17	1.6	1680	1879.9	0.07	150	24	289	1.2	340	0.53	X	75	X	2.92	X	1215	X	X	0.25	X	52	X	13.84	X	6.8	X	62	8.5	0.03	1.9	12	0.7	X	186	11.4	41.2	0.08
LV12	X	11	781	X	14	4	0.03	12	7272	20	763	0.25	1.2	77	4.8	35.1	15.5	10.5	380	176	49.3	X	148	6.2	X	1268	370	0.21	1.6	1587	1685.3	0.08	119	23	323	1.2	495	0.62	X	85	X	3.94	X	1470	X	0.03	0.45	X	61	0.05	16.86	X	6.5	X	70	8.7	0.04	2	15	0.8	X	179	13	29.8	X
LV13	X	5	472	X	16	2.3	0.02	8	6941	30	383	0.2	0.8	28	2.6	17.2	8.6	5.6	192	133	24.9	X	74	3.1	X	2092	182	0.12	1	1671	1711.4	0.04	235	15	188	0.5	435	0.38	X	42	X	3.27	X	1161	X	X	0.35	X	32	X	8.15	X	3.3	X	33	4.8	0.02	1.1	8	0.5	X	98	7.4	65.7	0.09
LV14	X	31	286	X	20	2	0.02	9	12769	37	248	0.15	1	24	2.6	15.8	8	4.3	120	145	21.6	X	69	5	X	3879	139	0.08	0.8	1756	2879.8	0.03	187	11	115	0.4	445	0.23	X	30	X	1.53	X	1130	X	X	0.33	X	24	X	7.66	X	2.9	X	20	3.2	0.07	0.9	7	0.4	X	99	5.6	122.3	0.05
LV15	X	15	1858	0.2	15	8.4	0.06	30	8161	31	1013	0.05	8.9	353	3.8	234.1	80.7	112.5	1484	483	493.2	2	47	34.3	X	1378	5055	0.07	6.2	1761	987.5	0.12	205	175	4081	0.1	392	1.23	X	1091	X	6.07	X	1189	0.03	0.14	0.2	15	723	0.11	22.68	X	57.8	X	1488	60.6	0.05	9.1	110	3	X	851	46.9	27	0.14
LV16	X	35	1467	0.2	16	11.1	0.06	27	6561	52	7594	0.46	8.9	364	8.2	192.9	70.2	83.7	1353	338	425.8	3.2	64	27	X	1505	3685	0.04	5.2	1918	783.9	0.13	255	147	3032	3.5	522	0.9	X	847	X	5.27	X	1484	0.07	0.2	0.28	X	535	0.1	33.35	X	51.8	X	774	47.7	0.03	7.3	91	2.8	X	653	44.3	32.8	0.14
LV17	X	20	1928	X	16	6.4	0.03	17	8723	46	3143	0.34	1.2	190	5.9	92.6	37.3	38.1	822	251	185.7	1.2	120	14.6	X	1406	1486	0.53	2.4	2055	1541.2	0.08	290	70	1259	2.1	620	0.67	X	348	X	3.21	X	1648	0.05	X	0.22	X	230	0.09	21.56	X	23.8	X	282	16.9	0.05	4	45	1.7	0.03	351	24.2	26.8	X
LV18	X	13	571	X	13	2.8	0.02	7	5869	37	818	0.15	2.1	58	3.9	30.1	12.7	11.2	350	116	56.6	X	56	5	X	1268	412	0.22	0.2	1130	960.9	0.05	189	29	353	1.3	484	0.47	X	97	X	2.02	X	1169	0.05	X	0.21	X	59	0.05	8.81	X	7	X	82	6.9	0.02	1.3	15	0.7	X	122	8.3	20.2	X
LV19	X	15	1037	X	13	3.7	0.02	14	6220	37	923	0.19	1.0	77	4.5	35.7	16.5	12.3	413	147	62.7	0.6	163	8	X	978	444	0.24	1.5	1518	1544.7	0.05	205	33	383	1.2	460	0.44	X	104	X	1.64	X	1354	0.06	X	0.15	X	73	0.08	10.28	X	8.3	X	77	8.4	0.02	1.9	16	1	0.02	157	12.1	29.3	X
LV20	X	12	1187	X	16	6.6	0.03	19	7834	81	2943	0.28	2.9	305	7.7	81.8	33.2	35	689	193	172	0.9	85	12.7	X	1524	1436	0.43	2.9	1955	997.9	0.07	238	72	1208	1.8	550	0.67	X	328	X	5.56	X	1488	0.06	X	0.23	X	212	0.07	22.82	X	20.9	X	277	20.2	0.06	3.4	41	1.5	X	319	21.8	31.4	X
LV21	X	13	1271	X	18	9.8	0.04	23	6993	79	4529	0.34	4.6	525	8.8	113.9	42	50.3	867	210	260.3	1.6	97	16.3	X	2216	2212	0.47	3.7	2166	540.3	0.11	330	115	1802	2.5	650	0.54	X	501	X	9.44	X	1485	0.07	X	0.27	X	315	0.07	24.06	X	31.4	X	494	34.3	0.05	4.4	56	1.8	X	404	28.4	53.8	0.09
LV22	X	14	1113	X	17	6.2	0.03	20	6820	39	2512	0.31	2.8	188	6.3	76.8	32	30.3	780	210	150	0.9	96	11.6	X	1770	1209	0.44	2.9	2105	1079	0.08	340	83	1013	1.8	575	0.5	X	276	X	3.59	X	1536	0.08	X	0.26	X	182	0.07	15.02	X	18.6	X	249	20.8	0.03	3.5	39	1.7	X	298	21.2	60.9	X