		AU	PT	PD	AU_1	AG	CU	CD	MO	PB	NI	ZN	S	AL	AS	BA	BE	BI	BR	CA	CO	CR	CS	EU	FE	HF	HG	IR	K	MG	MN	NA	P	RB	SB	SC	SE	SR	TA	TI	TH	U	V	W	LA	CE	ND	SM	SN	TB	YB	LU	MASS
	Analyte Symbol	AU	PT	PD	AU_1	AG	CU	CD	MO	PB	NI	ZN	S	AL	AS	BA	BE	BI	BR	CA	CO	CR	CS	EU	FE	HF	HG	IR	K	MG	MN	NA	P	RB	SB	SC	SE	SR	TA	TI	TH	U	V	W	LA	CE	ND	SM	SN	TB	YB	LU	MASS
	Unit Symbol	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	g
	Detection Limit	1	0.5	0.5	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1	0.01	0.5	0.2	0.05	
	Analysis Method	FA-MS	FA-MS	FA-MS	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	
Map Key	**GSC Sample No.**																																																				
1	06SAB-S124C-01		5	4	2	< 2	< 0.3	143	< 0.3	5	11	430	57	4	3	18	400	1	3	3	10	46	1220	2	1	6	2	< 1	< 5	2	5	1240	0	0	< 15	1	20	< 3	326	< 0.5	1	6	2	175	< 1	13	15	32	10	3	< 0.01	< 0.5	1	0	28
2	06SAB-Y138A-01		2	0	2	< 2	0.3	114	0.6	4	5	82	136	2	2	18	3570	2	0	0	7	27	218	2	2	6	4	< 1	< 5	1	4	1320	0	0	49	0	15	< 3	188	3.6	1	5	4	170	< 1	15	44	89	23	7	< 0.01	< 0.5	2	0	19
3	06SAB-Y136A-01		3	0	0	3	< 0.3	45	< 0.3	11	7	81	0	1	4	8	0	3	0	5	15	9	300	2	3	3	6	< 1	< 5	1	5	313	1	0	< 15	0	26	< 3	54	4.7	1	8	14	245	< 1	64	99	255	87	22	< 0.01	2.3	7	1	26
4	06SAB-Y092A-01		0	17	0	< 2	< 0.3	117	< 0.3	3	35	128	26	2	2	18	300	2	0	0	3	21	14	0	4	5	15	< 1	< 5	0	0	366	4	0	< 15	0	6	< 3	450	6.3	0	8	2	17	< 1	52	0	134	41	15	< 0.01	2.6	10	1	25
5	06SAB-Y092A-02		2	5	3	< 2	< 0.3	273	0.5	3	15	397	87	4	3	463	410	1	3	0	7	48	983	0	1	8	1	< 1	< 5	0	8	1780	1	0	< 15	0	26	< 3	337	< 0.5	0	1	0	238	< 1	14	10	22	9	3	< 0.01	< 0.5	2	0	24
6	06SAB-Y092A-03		2	2	8	< 2	< 0.3	117	0.5	3	26	123	57	3	3	277	1680	1	0	0	4	27	198	2	2	6	3	< 1	< 5	1	3	1300	2	0	< 15	0	19	< 3	575	< 0.5	1	7	0	157	< 1	12	26	51	14	4	< 0.01	< 0.5	2	0	22
7	06SAB-Y090A-03		2	4	4	< 2	< 0.3	134	< 0.3	3	11	335	75	3	3	278	540	1	0	0	10	41	898	0	1	7	2	< 1	< 5	0	5	1880	1	0	< 15	0	24	< 3	704	4	1	4	0	255	< 1	18	16	39	10	4	< 0.01	1	2	0	26
8	06SAB-Y192A-01		3	5	5	5	< 0.3	364	< 0.3	3	0	711	31	6	2	21	170	4	4	0	9	98	1370	0	1	14	3	< 1	< 5	0	8	1500	0	0	29	0	24	< 3	209	1.3	1	2	2	182	< 1	18	18	38	22	4	< 0.01	0.6	2	0	16
9	06SAB-D145A-01		3	1	1	9	< 0.3	62	0.5	2	81	19	101	1	3	37	960	2	0	0	1	7	67	15	1	4	4	< 1	< 5	4	1	548	1	0	136	0	14	< 3	125	< 0.5	0	13	2	89	< 1	6	38	70	19	5	< 0.01	< 0.5	2	0	25
10	06SAB-J202B-01		4	3	9	< 2	< 0.3	400	< 0.3	8	0	1300	0	18	1	84	0	1	15	0	3	232	33	0	1	26	1	< 1	< 5	0	0	167	1	0	43	0	6	< 3	78	< 0.5	0	2	1	77	< 1	3	7	16	0	2	< 0.01	< 0.5	1	0	34
11	06SAB-Y159A-01		0	1	2	< 2	< 0.3	94	0.3	4	31	64	87	4	6	20	970	2	0	0	0	24	139	4	2	7	2	< 1	< 5	3	1	397	1	0	107	0	17	< 3	179	< 0.5	0	20	7	132	< 1	13	62	126	30	8	< 0.01	< 0.5	3	1	17
12	06SAB-Y186A-01		0	1	1	14	< 0.3	46	< 0.3	4	24	30	135	1	4	4	400	1	0	0	2	11	105	3	2	6	5	< 1	< 5	2	1	434	3	0	102	0	19	< 3	166	2	0	18	5	144	< 1	6	49	85	40	6	< 0.01	1.3	3	1	15
13	06SAB-Y173A-01		0	1	1	< 2	< 0.3	66	< 0.3	19	8	118	3	2	4	9	0	0	0	0	5	12	84	0	0	4	4	< 1	< 5	0	3	192	3	0	< 15	0	6	< 3	27	2.9	0	16	7	76	5	7	0	14	0	1	< 0.01	< 0.5	1	0	22
14	06SAB-S257A-01		0	0	0	< 2	< 0.3	47	< 0.3	4	36	22	38	2	2	6	380	1	0	0	1	6	28	0	1	3	16	< 1	< 5	2	0	169	1	0	63	0	5	< 3	110	< 0.5	0	52	26	69	< 1	10	21	43	8	2	< 0.01	< 0.5	2	0	26
15	06SAB-Y191A-01		2	5	6	< 2	< 0.3	178	0.5	3	0	573	26	3	2	250	0	0	6	0	7	71	1680	0	1	9	3	< 1	< 5	0	11	1060	0	0	< 15	0	26	< 3	47	1.4	1	2	0	225	< 1	12	12	27	20	3	< 0.01	< 0.5	2	0	17
16	06SAB-J201B-01		0	6	4	< 2	< 0.3	179	0.4	3	7	309	0	2	3	13	190	0	6	0	8	48	1400	0	1	7	2	< 1	< 5	0	11	1110	0	0	< 15	0	27	< 3	621	< 0.5	1	1	0	268	< 1	11	14	26	10	3	< 0.01	< 0.5	1	0	28
17	06SAB-Y165B-01		0	0	1	< 2	< 0.3	100	< 0.3	11	7	131	15	8	2	6	1680	1	0	0	4	29	25	0	1	14	3	< 1	< 5	2	2	382	0	0	106	0	8	< 3	161	< 0.5	0	13	8	65	< 1	14	35	69	16	4	< 0.01	< 0.5	2	0	15
18	06SAB-Y165B-02		4	0	6	< 2	0.5	381	< 0.3	15	13	245	27	13	1	18	1160	0	8	3	2	67	33	0	0	20	2	< 1	< 5	1	1	226	0	0	82	0	6	< 3	85	< 0.5	0	9	6	40	< 1	7	24	45	11	2	< 0.01	< 0.5	1	0	18
19	06SAB-M223A-01		2	0	0	< 2	1	111	< 0.3	3	11	217	21	3	3	214	310	12	0	0	11	60	423	0	3	10	7	< 1	< 5	1	6	1390	1	0	< 15	0	28	< 3	407	5.5	3	5	0	371	< 1	22	56	110	37	10	< 0.01	< 0.5	2	0	33
20	06SAB-W089A-01		0	1	0	8	< 0.3	26	< 0.3	3	23	12	119	0	4	5	860	1	0	0	1	5	90	5	1	4	4	< 1	< 5	4	1	514	1	0	165	0	18	< 3	119	1.9	0	17	5	158	< 1	5	48	102	24	6	< 0.01	< 0.5	3	0	26
21	06SAB-Y193A-01		2	2	2	< 2	< 0.3	71	0.5	7	7	193	31	1	4	32	850	2	0	0	5	29	536	0	2	5	7	< 1	< 5	2	4	666	1	0	51	0	14	< 3	143	< 0.5	0	17	3	124	5	17	34	57	25	4	< 0.01	0.5	3	0	16
22	06SAB-Y190A-01		1	4	3	< 2	< 0.3	204	< 0.3	4	5	260	146	2	3	14	200	2	0	0	12	35	1260	0	1	10	2	< 1	< 5	0	2	4320	0	0	< 15	0	21	< 3	286	0.5	1	4	3	209	6	18	14	32	17	3	< 0.01	< 0.5	3	1	27
23	06SAB-D143A-01		6	6	7	8	< 0.3	104	< 0.3	2	8	375	41	1	3	246	220	0	8	0	7	44	1050	0	1	8	2	< 1	< 5	0	11	1490	0	0	< 15	2	24	< 3	81	< 0.5	1	4	4	222	< 1	15	15	27	10	3	< 0.01	< 0.5	2	0	29
24	06SAB-J200A-01		8	6	5	< 2	< 0.3	301	< 0.3	5	0	1500	12	12	2	50	0	0	0	0	5	177	842	0	1	19	1	< 1	< 5	0	5	400	1	0	< 15	0	17	< 3	67	< 0.5	1	2	1	170	< 1	6	8	20	7	2	< 0.01	< 0.5	1	0	28
25	06SAB-Y194A-01		2	1	1	5	< 0.3	123	0.5	8	15	150	117	1	3	21	330	2	0	0	9	42	350	1	4	10	10	< 1	< 5	0	4	1480	1	0	< 15	0	24	< 3	536	5	2	9	3	337	< 1	28	57	128	9	11	< 0.01	1.3	3	0	22
26	06SAB-Y189C-01		2	3	3	< 2	< 0.3	334	< 0.3	3	0	555	21	3	3	17	170	0	2	0	11	63	903	0	2	9	3	< 1	< 5	0	7	1180	0	0	< 15	0	22	< 3	349	1.5	1	3	0	265	< 1	17	20	40	26	4	< 0.01	< 0.5	2	0	23
27	06SAB-Y185A-01		0	1	1	< 2	0.5	112	0.3	2	6	113	68	4	2	7	220	2	0	0	7	32	179	3	6	7	9	< 1	< 5	1	4	1740	0	0	37	0	18	< 3	121	4.5	1	7	2	208	< 1	24	61	113	67	10	< 0.01	1.6	2	0	16
28	06SAB-S256A-01		0	0	2	< 2	0.3	60	< 0.3	11	4	24	13	1	2	4	220	0	0	0	1	5	64	2	1	3	3	< 1	< 5	1	1	88	1	0	43	0	7	< 3	59	< 0.5	0	7	3	108	< 1	5	22	47	11	3	< 0.01	< 0.5	2	0	26
29	06SAB-W088A-01		0	0	3	< 2	0.4	165	1	2	38	45	87	2	6	30	680	2	0	0	1	18	116	3	1	3	4	< 1	< 5	4	2	1320	1	0	124	0	14	< 3	85	< 0.5	0	11	4	95	< 1	9	36	88	35	5	< 0.01	< 0.5	2	0	13
30	06SAB-J199A-01		6	0	2	< 2	< 0.3	65	< 0.3	1	9	14	30	1	2	16	220	1	0	0	1	7	22	0	1	2	2	< 1	< 5	1	1	279	1	0	< 15	0	5	< 3	64	< 0.5	0	4	2	42	< 1	11	17	33	8	3	< 0.01	< 0.5	2	0	25
31	06SAB-D142A-01		14	4	12	13	< 0.3	275	1.1	4	11	78	209	3	3	17	0	2	0	0	3	27	58	0	1	7	2	< 1	< 5	1	2	2540	1	0	< 15	0	17	< 3	144	< 0.5	1	6	2	191	< 1	18	13	34	11	3	< 0.01	1	2	0	31
32	06SAB-D141A-01		4	1	5	< 2	< 0.3	284	0.7	3	12	47	186	2	3	4	470	2	0	0	3	18	85	0	1	5	3	< 1	< 5	2	3	1230	2	0	< 15	0	19	< 3	146	< 0.5	1	8	4	191	< 1	21	17	33	12	3	< 0.01	< 0.5	2	0	28
33	06SAB-Y188A-01		7	6	4	9	< 0.3	148	< 0.3	3	0	622	10	3	3	17	270	1	5	0	9	68	1580	0	4	8	3	< 1	< 5	0	10	1090	0	0	< 15	0	29	< 3	336	1.3	1	2	0	269	< 1	13	22	50	23	5	< 0.01	< 0.5	2	0	15
34	06SAB-Y188B-01		2	5	5	< 2	< 0.3	80	0.8	2	0	545	21	3	2	23	0	0	6	0	8	62	1370	0	1	7	2	< 1	< 5	0	12	1180	0	0	< 15	0	22	< 3	74	0.7	0	1	1	182	< 1	10	9	20	14	2	< 0.01	< 0.5	1	0	16
35	06SAB-Y197A-02		0	4	6	5	< 0.3	69	< 0.3	2	79	18	36	1	3	4	600	1	0	0	0	11	110	3	2	5	6	< 1	< 5	4	1	691	0	0	89	0	13	< 3	99	1.4	0	17	3	127	< 1	6	45	87	37	6	< 0.01	0.7	2	0	13
36	06SAB-S255A-01		6	1	1	< 2	< 0.3	20	< 0.3	7	5	27	2	1	4	14	0	0	0	0	5	9	67	0	1	3	2	< 1	< 5	1	3	704	3	0	< 15	0	24	< 3	188	< 0.5	1	4	2	400	< 1	16	0	36	19	3	< 0.01	< 0.5	2	0	23
37	06SAB-S255B-01		2	1	1	3	< 0.3	111	< 0.3	4	7	149	0	3	3	14	160	4	0	0	7	41	155	0	3	6	5	< 1	< 5	1	4	341	3	0	< 15	0	13	< 3	42	5.8	1	12	4	206	< 1	36	141	298	79	16	< 0.01	1.9	3	0	26
38	06SAB-M222A-01		1	4	3	7	< 0.3	257	0.6	7	12	92	88	5	3	8	520	3	0	0	2	30	58	3	1	7	4	< 1	< 5	2	1	1380	1	0	< 15	0	7	< 3	91	< 0.5	0	11	5	187	< 1	24	37	72	18	5	< 0.01	< 0.5	3	1	27
39	06SAB-D140A-01		4	0	1	< 2	< 0.3	42	< 0.3	4	43	31	25	2	3	8	4900	2	0	0	0	10	42	2	1	6	6	< 1	< 5	3	1	288	0	0	< 15	0	6	< 3	56	1.9	0	16	4	65	< 1	7	35	59	16	4	< 0.01	< 0.5	2	0	30
40	06SAB-J198A-01		6	5	7	11	< 0.3	126	0.3	12	13	59	75	2	4	19	450	2	0	0	5	22	78	1	1	6	3	< 1	< 5	1	2	1130	1	0	66	0	25	< 3	217	2.2	1	6	3	379	< 1	15	23	46	13	4	< 0.01	< 0.5	3	0	27
41	06SAB-J198A-02		3	2	5	< 2	< 0.3	139	0.6	46	11	45	92	1	3	14	400	2	0	0	1	12	90	3	1	9	3	< 1	< 5	2	1	334	2	0	92	0	12	< 3	157	< 0.5	0	12	6	322	< 1	7	29	57	10	4	< 0.01	< 0.5	2	0	25
42	06SAB-Y187A-01		0	1	1	6	< 0.3	80	< 0.3	9	22	78	58	2	3	11	900	2	0	0	1	19	126	4	2	6	5	< 1	< 5	3	1	466	2	0	137	0	11	< 3	120	2.5	0	17	7	122	12	5	49	89	43	7	< 0.01	< 0.5	3	1	15
43	06SAB-Y184A-01		1	2	3	12	< 0.3	66	3.3	214	25	254	187	8	3	294	0	1	0	0	1	39	150	0	2	10	4	< 1	< 5	2	1	186	0	0	114	0	16	< 3	93	< 0.5	0	29	27	406	< 1	10	85	155	44	9	< 0.01	< 0.5	4	1	14
44	06SAB-Y184A-02		2	3	4	6	< 0.3	105	4.5	17	14	88	221	4	3	27	670	1	0	2	1	31	105	3	2	5	5	< 1	< 5	3	1	294	1	0	95	0	19	< 3	72	< 0.5	0	23	4	164	5	6	57	110	43	7	< 0.01	< 0.5	2	0	15
45	06SAB-J197A-02		3	3	12	< 2	0.4	194	1.5	4	7	100	39	3	3	21	680	1	0	0	1	32	58	2	1	4	3	< 1	< 5	3	1	454	0	0	< 15	0	13	< 3	47	< 0.5	0	14	3	91	< 1	9	40	76	25	5	< 0.01	< 0.5	2	0	24
46	06SAB-D139A-01		4	2	9	< 2	< 0.3	18	0.3	3	10	24	37	2	3	4	670	2	0	0	0	11	77	2	1	3	5	< 1	< 5	4	0	120	0	0	131	0	6	< 3	36	2.4	0	23	24	122	3	8	32	54	14	3	< 0.01	< 0.5	2	0	28
47	06SAB-J196B-01		3	4	17	< 2	< 0.3	201	2.4	12	15	51	328	2	3	7	260	1	0	0	1	13	151	1	1	6	3	< 1	< 5	3	2	943	0	0	84	0	15	< 3	76	< 0.5	0	11	7	318	< 1	19	36	60	19	5	< 0.01	< 0.5	3	0	24
48	06SAB-J196B-02		0	4	8	2	< 0.3	155	1	6	15	62	168	2	3	3	280	1	0	0	1	16	95	2	1	7	4	< 1	< 5	2	2	1010	0	0	47	0	16	< 3	62	< 0.5	0	9	4	263	< 1	19	33	59	18	5	< 0.01	< 0.5	3	0	23
49	06SAB-C297A-01		3	0	1	< 2	< 0.3	218	1.7	12	15	194	251	5	3	3	360	2	0	0	0	13	109	2	1	7	5	< 1	< 5	4	1	459	1	0	110	0	14	< 3	39	3.1	0	19	13	495	< 1	18	51	83	27	7	< 0.01	1.2	4	1	25
50	06SAB-W087B-01		2	0	0	< 2	< 0.3	81	0.7	13	10	43	9	2	5	36	370	0	0	0	7	19	145	0	1	4	3	< 1	< 5	1	4	815	2	0	< 15	0	31	< 3	247	< 0.5	1	4	2	368	< 1	22	20	48	23	5	< 0.01	< 0.5	2	0	25
51	06SAB-M221A-01		2	1	2	10	< 0.3	96	< 0.3	3	5	49	2	3	4	6	360	2	0	3	5	47	63	0	1	4	3	< 1	< 5	2	3	227	4	0	< 15	0	10	< 3	131	2.8	0	14	6	59	< 1	8	0	63	0	4	< 0.01	< 0.5	1	0	29
52	06SAB-S254A-01		3	5	8	< 2	< 0.3	166	0.7	16	21	102	160	7	3	54	680	1	0	0	1	56	54	2	1	10	2	< 1	< 5	3	1	192	1	0	92	0	13	< 3	73	< 0.5	0	10	4	166	< 1	4	37	70	12	5	< 0.0	< 0.5	2	0	27
53	06SAB-S254A-02		0	0	0	6	< 0.3	9	< 0.3	2	7	5	5	0	3	4	420	7	0	0	10	15	18	2	4	9	12	< 1	< 5	1	6	1780	1	0	< 15	0	5	< 3	189	5.1	2	2	2	300	< 1	46	80	142	28	10	< 0.01	1.7	3	0	30
54	06SAB-Y183A-01		1	2	4	< 2	< 0.3	104	< 0.3	6	17	36	5	2	3	10	420	2	0	0	3	32	62	3	1	6	2	< 1	< 5	2	2	1790	1	0	< 15	0	11	< 3	52	< 0.5	0	11	3	75	< 1	15	35	82	20	5	< 0.01	< 0.5	2	0	16
55	06SAB-Y182B-01		2	1	2	< 2	< 0.3	43	< 0.3	9	8	33	12	2	3	22	1010	2	0	0	1	6	82	0	1	3	3	< 1	< 5	3	1	113	2	0	99	1	17	< 3	96	< 0.5	0	16	6	168	< 1	12	42	81	25	5	< 0.01	< 0.5	3	0	18
56	06SAB-S264B-01		0	0	1	< 2	< 0.3	55	< 0.3	2	4	61	24	2	4	9	0	4	0	2	3	25	76	0	1	5	3	< 1	< 5	0	2	277	5	0	81	1	13	< 3	41	< 0.5	0	13	5	72	< 1	9	9	35	12	3	< 0.01	< 0.5	1	0	24
57	06SAB-J172A-03		3	0	0	6	< 0.3	197	0.8	4	6	97	41	2	1	36	0	4	0	0	0	26	28	3	0	4	0	< 1	< 5	1	0	156	0	0	54	0	3	< 3	34	1.4	0	2	4	33	6	5	0	10	0	1	< 0.01	< 0.5	1	0	25

Table 1. Table of assay sample results.