

Table 3. Screamer geochemical and isotopic data				
Method:			Fire assay w/ AA finish	Leco
reporting limit:			0.001	0.01
upper limit:			3.000	9
Drill core hole #	depth from (feet)	depth to (feet)	Au oz/ton	S %
SJ-513c	1,020	1,025	0.003	0.87
SJ-513c	1,025	1,030	0.000	1.15
SJ-513c	1,030	1,035	0.000	0.79
SJ-513c	1,035	1,040	0.000	0.63
SJ-513c	1,040	1,045	0.027	0.64
SJ-513c	1,045	1,050	0.001	0.46
SJ-513c	1,050	1,055	0.001	0.64
SJ-513c	1,055	1,060	0.034	0.88
SJ-513c	1,060	1,065	0.056	1.01
SJ-513c	1,065	1,070	0.032	0.96
SJ-513c	1,070	1,075	0.003	0.91
SJ-513c	1,075	1,080	0.001	0.97
SJ-513c	1,080	1,085	0.003	0.93
SJ-513c	1,085	1,090	0.022	0.95
SJ-513c	1,090	1,095	0.008	1.03
SJ-513c	1,095	1,100	0.011	1.00
SJ-513c	1,100	1,105	0.026	0.91
SJ-513c	1,105	1,110	0.022	1.01
SJ-513c	1,110	1,115	0.019	0.86
SJ-513c	1,115	1,120	0.087	1.03
SJ-513c	1,120	1,125	0.034	0.68
SJ-513c	1,125	1,130	0.022	0.64
SJ-513c	1,130	1,135	0.035	1.17
SJ-513c	1,135	1,140	0.014	1.44
SJ-513c	1,140	1,145	0.001	0.62
SJ-513c	1,145	1,150	0.000	0.69
SJ-513c	1,150	1,155	0.000	0.78
SJ-513c	1,155	1,160	0.000	0.57
SJ-513c	1,160	1,165	0.000	0.50
SJ-513c	1,165	1,170	0.000	0.69
SJ-513c	1,170	1,175	0.000	0.64
SJ-513c	1,175	1,180	0.000	0.56
SJ-513c	1,180	1,185	0.000	0.63
SJ-513c	1,185	1,190	0.000	0.76

Table3.xlsx

SJ-513c	1,190	1,195	0.000	0.74
SJ-513c	1,195	1,200	0.000	0.66
SJ-513c	1,200	1,205	0.000	0.63
SJ-513c	1,205	1,210	0.000	0.71
SJ-513c	1,210	1,215	0.000	0.84
SJ-513c	1,215	1,220	0.000	0.67
SJ-513c	1,220	1,225	0.000	0.51
SJ-513c	1,225	1,230	0.000	0.74
SJ-513c	1,230	1,235	0.000	0.54
SJ-513c	1,235	1,240	0.000	0.75
SJ-513c	1,240	1,245	0.000	0.11
SJ-513c	1,245	1,250	0.000	0.28
SJ-513c	1,250	1,255	0.000	0.36
SJ-513c	1,255	1,260	0.000	0.30
SJ-513c	1,260	1,265	0.000	0.20
SJ-513c	1,265	1,270	0.000	0.38
SJ-513c	1,270	1,275	0.000	0.18
SJ-513c	1,275	1,280	0.000	0.08
SJ-497c	820	825	0.000	1.24
SJ-497c	825	830	0.000	0.92
SJ-497c	830	835	0.000	0.80
SJ-497c	835	840	0.000	0.97
SJ-497c	840	845	0.000	0.73
SJ-497c	845	850	0.000	0.98
SJ-497c	850	855	0.000	0.71
SJ-497c	855	860	0.000	0.45
SJ-497c	860	865	0.000	0.57
SJ-497c	865	870	0.000	0.51
SJ-497c	870	875	0.000	0.65
SJ-497c	875	880	0.000	0.50
SJ-497c	880	885	0.000	0.57
SJ-497c	885	890	0.000	0.57
SJ-497c	890	895	0.000	0.52
SJ-497c	895	900	0.000	0.37
SJ-497c	900	905	0.000	0.38
SJ-497c	905	910	0.000	0.27
SJ-497c	910	915	0.000	0.34
SJ-497c	915	920	0.000	0.33
SJ-497c	920	925	0.000	0.47
SJ-497c	925	930	0.000	0.42
SJ-497c	930	935	0.000	0.10
SJ-497c	935	940	0.000	0.31
SJ-497c	940	945	0.000	0.42

Table3.xlsx

SJ-497c	945	950	0.001	0.74
SJ-497c	950	955	0.000	0.50
SJ-497c	955	960	0.000	0.51
SJ-497c	960	965	0.000	0.75
SJ-497c	965	970	0.000	0.86
SJ-497c	970	975	0.000	0.77
SJ-497c	975	980	0.000	0.70
SJ-497c	980	985	0.000	0.85
SJ-497c	985	990	0.000	0.80
SJ-497c	990	995	0.000	1.01
SJ-497c	995	1,000	0.000	2.73
SJ-497c	1,000	1,005	0.000	0.96
SJ-497c	1,005	1,010	0.000	1.76
SJ-497c	1,010	1,015	0.001	1.35
SJ-497c	1,015	1,020	0.000	0.93
SJ-497c	1,020	1,025	0.000	0.85
SJ-497c	1,025	1,030	0.000	0.82
SJ-497c	1,030	1,035	0.000	0.72
SJ-497c	1,035	1,040	0.000	0.67
SJ-497c	1,040	1,045	0.000	0.86
SJ-497c	1,045	1,050	0.000	0.56
SJ-497c	1,050	1,055	0.001	0.74
SJ-497c	1,055	1,060	0.001	0.60
SJ-497c	1,060	1,065	0.000	0.57
SJ-497c	1,065	1,070	0.000	0.58
SJ-497c	1,070	1,075	0.000	0.68
SJ-497c	1,075	1,080	0.001	0.60
SJ-497c	1,080	1,085	0.001	0.52
SJ-497c	1,085	1,090	0.000	0.56
SJ-497c	1,090	1,095	0.001	0.66
SJ-497c	1,095	1,100	0.001	0.71
SJ-497c	1,100	1,105	0.000	0.56
SJ-497c	1,105	1,110	0.000	0.52
SJ-497c	1,110	1,115	0.001	0.41
SJ-497c	1,115	1,120	0.000	0.31
SJ-497c	1,120	1,125	0.000	0.41
SJ-497c	1,125	1,130	0.001	0.51
SJ-497c	1,130	1,135	0.000	0.44
SJ-497c	1,135	1,140	0.000	0.40
SJ-497c	1,140	1,145	0.000	0.32
SJ-497c	1,145	1,150	0.000	0.15
SJ-497c	1,150	1,155	0.001	0.25
SJ-497c	1,155	1,160	0.000	0.42

Table3.xlsx

SJ-497c	1,160	1,165	0.000	0.06
SJ-497c	1,165	1,170	0.000	0.24
SJ-497c	1,170	1,175	0.001	0.75
SJ-497c	1,175	1,180	0.001	0.73
SJ-477c	560	565	0.003	0.46
SJ-477c	565	570	0.001	0.43
SJ-477c	570	575	0.001	0.57
SJ-477c	575	580	0.005	0.51
SJ-477c	580	585	0.004	0.58
SJ-477c	585	590	0.002	0.62
SJ-477c	590	595	0.001	0.52
SJ-477c	595	600	0.001	0.57
SJ-477c	600	605	0.001	0.72
SJ-477c	605	610	0.003	0.92
SJ-477c	610	615	0.001	1.17
SJ-477c	615	620	0.001	1.39
SJ-477c	620	625	0.000	1.09
SJ-477c	625	630	0.000	0.89
SJ-477c	630	635	0.000	1.25
SJ-477c	635	640	0.000	1.49
SJ-477c	640	645	0.000	1.39
SJ-477c	645	650	0.000	0.91
SJ-477c	650	655	0.000	1.43
SJ-477c	655	660	0.000	1.09
SJ-477c	660	665	0.000	1.33
SJ-477c	665	670	0.000	1.17
SJ-477c	670	675	0.000	1.29
SJ-477c	675	680	0.000	1.27
SJ-477c	680	685	0.000	1.40
SJ-477c	685	690	0.000	1.72
SJ-477c	690	695	0.000	1.81
SJ-477c	695	700	0.000	1.56
SJ-477c	700	705	0.000	1.03
SJ-477c	705	710	0.000	1.26
SJ-477c	710	715	0.000	0.43
SJ-477c	715	720	0.000	0.31
SJ-477c	720	725	0.000	0.58
SJ-477c	725	730	0.000	1.74
SJ-477c	730	735	0.002	0.51
SJ-477c	735	740	0.001	0.43
SJ-477c	740	745	0.001	0.59
SJ-477c	745	750	0.001	0.61
SJ-477c	750	755	0.001	0.90

Table3.xlsx

SJ-477c	755	760	0.001	0.29
SJ-477c	760	765	0.001	0.00
SJ-477c	765	770	0.000	0.00
SJ-477c	770	775	0.002	2.70
SJ-477c	775	780	0.020	0.63
SJ-477c	780	785	0.028	1.54
SJ-477c	785	790	0.009	1.05
SJ-477c	790	795	0.005	0.90
SJ-477c	795	800	0.011	0.82
SJ-477c	800	805	0.004	0.76
SJ-477c	805	810	0.001	0.80
SJ-477c	810	815	0.000	1.06
SJ-477c	815	820	0.000	0.41
SJ-477c	820	825	0.000	0.45
SJ-477c	825	830	0.000	0.79
SJ-477c	830	835	0.000	0.29
SJ-477c	835	840	0.001	0.48
SJ-477c	840	845	0.002	0.89
SJ-477c	845	850	0.000	0.86
SJ-477c	850	855	0.004	0.85
SJ-477c	855	860	0.003	0.90
SJ-477c	860	865	0.009	0.81
SJ-477c	865	870	0.000	0.77
SJ-477c	870	875	0.000	0.76
SJ-477c	875	880	0.003	0.79
SJ-477c	880	885	0.012	0.63
SJ-477c	885	890	0.065	0.64
SJ-477c	890	895	0.044	0.55
SJ-477c	895	900	0.013	0.49
SJ-477c	900	905	0.032	0.56
SJ-477c	905	910	0.024	0.62
SJ-477c	910	915	0.014	0.46
SJ-477c	915	920	0.012	0.28
SJ-477c	920	925	0.018	0.06
SJ-477c	925	930	0.045	0.28
SJ-477c	930	935	0.077	0.29
SJ-477c	935	940	0.081	0.55
SJ-448c	900	905	0.000	0.76
SJ-448c	905	910	0.001	0.62
SJ-448c	910	915	0.000	0.67
SJ-448c	915	920	0.000	0.66
SJ-448c	920	925	0.001	0.72
SJ-448c	925	930	0.000	0.75

Table3.xlsx

SJ-448c	930	935	0.000	0.65
SJ-448c	935	940	0.000	0.62
SJ-448c	940	945	0.000	0.48
SJ-448c	945	950	0.001	0.51
SJ-448c	950	955	0.002	0.54
SJ-448c	955	960	0.000	0.42
SJ-448c	960	965	0.006	0.45
SJ-448c	965	970	0.003	0.69
SJ-448c	970	975	0.007	0.78
SJ-448c	975	980	0.033	0.56
SJ-448c	980	985	0.001	0.43
SJ-448c	985	990	0.122	0.37
SJ-448c	990	995	0.265	0.72
SJ-448c	995	1,000	0.207	1.10
SJ-448c	1,000	1,005	0.113	1.19
SJ-448c	1,005	1,010	0.105	1.29
SJ-448c	1,010	1,015	0.088	0.97
SJ-448c	1,015	1,020	0.071	1.26
SJ-448c	1,020	1,025	0.053	0.88
SJ-448c	1,025	1,030	0.262	0.88
SJ-448c	1,030	1,035	0.274	1.05
SJ-448c	1,035	1,040	0.303	0.92
SJ-448c	1,040	1,045	0.539	2.47
SJ-448c	1,045	1,050	0.367	3.42
SJ-448c	1,050	1,055	0.235	1.48
SJ-448c	1,055	1,060	0.113	1.04
SJ-448c	1,060	1,065	0.328	0.62
SJ-448c	1,065	1,070	0.273	0.70
SJ-448c	1,070	1,075	0.280	0.55
SJ-448c	1,075	1,080	0.311	0.53
SJ-448c	1,080	1,085	0.339	0.47
SJ-448c	1,085	1,090	0.465	0.94
SJ-448c	1,090	1,095	0.496	0.73
SJ-448c	1,095	1,100	0.348	0.71
SJ-448c	1,100	1,105	0.146	0.67
SJ-448c	1,105	1,110	0.162	1.03
SJ-448c	1,110	1,115	0.094	1.71
SJ-448c	1,115	1,120	0.359	1.46
SJ-448c	1,120	1,125	0.051	1.12
SJ-448c	1,125	1,130	0.015	0.89
SJ-448c	1,130	1,135	0.081	0.94
SJ-448c	1,135	1,140	0.199	0.85
SJ-448c	1,140	1,145	0.019	0.68

Table3.xlsx

SJ-448c	1,145	1,150	0.018	0.88
SJ-448c	1,150	1,155	0.039	0.73
SJ-448c	1,155	1,160	0.069	0.64
SJ-448c	1,160	1,165	0.047	0.58
SJ-448c	1,165	1,170	0.053	0.82
SJ-448c	1,170	1,175	0.111	0.80
SJ-448c	1,175	1,180	0.050	0.77
SJ-448c	1,180	1,185	0.066	0.82
SJ-448c	1,185	1,190	0.113	0.85
SJ-448c	1,190	1,195	0.076	0.84
SJ-448c	1,195	1,200	0.167	3.05
SJ-448c	1,200	1,205	0.390	4.53
SJ-448c	1,205	1,210	0.154	2.08
SJ-448c	1,210	1,215	0.167	1.78
SJ-448c	1,215	1,220	0.079	1.22
SJ-448c	1,220	1,225	0.024	0.67
SJ-448c	1,225	1,230	0.015	0.75
SJ-448c	1,230	1,235	0.015	0.67
SJ-448c	1,235	1,240	0.001	0.56
BZ-954c	960	965	0.007	0.95
BZ-954c	965	970	0.012	0.76
BZ-954c	970	975	0.018	0.80
BZ-954c	975	980	0.005	0.72
BZ-954c	980	985	0.003	0.64
BZ-954c	985	990	0.003	0.51
BZ-954c	990	995	0.004	0.58
BZ-954c	995	1,000	0.005	0.64
BZ-954c	1,000	1,005	0.004	0.49
BZ-954c	1,005	1,010	0.006	0.57
BZ-954c	1,010	1,015	0.007	0.72
BZ-954c	1,015	1,020	0.005	0.71
BZ-954c	1,020	1,025	0.005	0.96
BZ-954c	1,025	1,030	0.007	1.21
BZ-954c	1,030	1,035	0.011	1.31
BZ-954c	1,035	1,040	0.007	1.18
BZ-954c	1,040	1,045	0.005	1.19
BZ-954c	1,045	1,050	0.008	1.11
BZ-954c	1,050	1,055	0.027	1.22
BZ-954c	1,055	1,060	0.055	1.01
BZ-954c	1,060	1,065	0.011	1.07
BZ-954c	1,065	1,070	0.030	1.00
BZ-954c	1,070	1,075	0.044	1.06
BZ-954c	1,075	1,080	0.022	1.08

Table3.xlsx

BZ-954c	1,080	1,085	0.025	1.10
BZ-954c	1,085	1,090	0.054	1.30
BZ-954c	1,090	1,095	0.034	1.17
BZ-954c	1,095	1,100	0.054	1.22
BZ-954c	1,100	1,105	0.048	1.26
BZ-954c	1,105	1,110	0.093	1.37
BZ-954c	1,110	1,115	0.141	1.18
BZ-954c	1,115	1,120	0.288	1.36
BZ-954c	1,120	1,125	0.148	1.47
BZ-954c	1,125	1,130	0.206	1.10
BZ-954c	1,130	1,135	0.236	1.14
BZ-954c	1,135	1,140	0.576	1.20
BZ-954c	1,140	1,145	0.426	1.36
BZ-954c	1,145	1,150	0.637	1.41
BZ-954c	1,150	1,155	0.330	1.51
BZ-954c	1,155	1,160	0.532	1.62
BZ-954c	1,160	1,165	0.578	INS
BZ-954c	1,165	1,170	0.198	0.86
BZ-954c	1,170	1,175	0.064	1.34
BZ-954c	1,175	1,180	0.086	1.58
BZ-954c	1,180	1,185	0.018	1.41
BZ-954c	1,185	1,190	0.066	1.27
BZ-954c	1,190	1,195	0.089	1.27
BZ-954c	1,195	1,200	0.291	1.50
BZ-954c	1,200	1,205	0.033	0.75
BZ-954c	1,205	1,210	0.006	1.14
BZ-954c	1,210	1,215	0.010	1.25
BZ-954c	1,215	1,220	0.005	0.93
BZ-954c	1,220	1,225	0.004	1.58
BZ-954c	1,225	1,230	0.051	1.33
BZ-954c	1,230	1,235	0.240	6.25
BZ-954c	1,235	1,240	0.069	1.42
BZ-954c	1,240	1,245	0.074	1.42
BZ-954c	1,245	1,250	0.070	1.35
BZ-954c	1,250	1,255	0.168	4.94
BZ-954c	1,255	1,260	0.072	1.18
BZ-954c	1,260	1,265	0.046	0.98
BZ-954c	1,265	1,270	0.046	0.99
BZ-954c	1,270	1,275	0.034	0.92
BZ-954c	1,275	1,280	0.079	1.41

Table3.xlsx

Leco	Leco	Kevex EDS-XRF	Kevex EDS-XRF	core hole
0.01	0.01	10	10	
50	10	~50,0000	~50,0000	
CO₃ %	TCM %	Sb ppm XRF	Ba ppm XRF	FieldNo
17.99	2.41	159	260	SJ-513-1020
17.85	1.98	324	366	SJ-513-1025
14.91	1.50	184	116	SJ-513-1030
14.20	1.58	123	656	SJ-513-1035
14.76	1.93	232	1908	SJ-513-1040
13.82	2.55	87	271	SJ-513-1045
13.76	2.30	85	514	SJ-513-1050
19.95	2.07	111	201	SJ-513-1055
18.14	1.75	202	151	SJ-513-1060
20.54	2.13	91	145	SJ-513-1065
24.53	1.89	30	230	SJ-513-1070
25.57	2.25	43	341	SJ-513-1075
26.97	1.98	43	421	SJ-513-1080
24.02	1.93	79	117	SJ-513-1085
25.93	1.78	101	171	SJ-513-1090
26.41	1.76	109	123	SJ-513-1095
26.22	1.66	109	149	SJ-513-1100
26.55	1.65	90	149	SJ-513-1105
27.34	1.28	58	93	SJ-513-1110
19.44	1.33	103	2089	SJ-513-1115
12.01	0.73	48	144	SJ-513-1120
16.25	0.61	105	1402	SJ-513-1125
4.81	1.15	227	154	SJ-513-1130
23.47	0.64	84	103	SJ-513-1135
28.23	0.39	33	192	SJ-513-1140
29.54	0.43	12	2501	SJ-513-1145
30.89	0.75	39	195	SJ-513-1150
23.82	0.80	39	121	SJ-513-1155
33.47	0.26	21	440	SJ-513-1160
33.21	0.35	38	188	SJ-513-1165
22.56	0.37	37	175	SJ-513-1170
28.24	0.38	10	277	SJ-513-1175
32.35	0.36	26	366	SJ-513-1180
32.65	0.38	<10	262	SJ-513-1185

Table3.xlsx

30.70	0.52	35	184	SJ-513-1190
32.21	0.47	11	177	SJ-513-1195
32.12	0.40	10	416	SJ-513-1200
29.25	0.44	<10	2281	SJ-513-1205
26.62	0.56	14	2177	SJ-513-1210
29.18	0.59	15	881	SJ-513-1215
30.93	0.39	<10	505	SJ-513-1220
24.24	0.49	79	717	SJ-513-1225
18.39	0.28	19	727	SJ-513-1230
17.77	0.41	198	1183	SJ-513-1235
43.59	0.20	<10	151	SJ-513-1240
35.49	0.34	<10	52	SJ-513-1245
33.22	0.23	<10	200	SJ-513-1250
37.66	0.32	<10	120	SJ-513-1255
41.89	0.28	<10	72	SJ-513-1260
35.05	0.39	32	2177	SJ-513-1265
42.84	0.37	41	830	SJ-513-1270
46.02	0.23	<10	142	SJ-513-1275
42.50	0.61	<10	345	SJ-497C-820
44.15	0.88	<10	288	SJ-497C-825
35.81	4.04	45	160	SJ-497C-830
34.76	4.02	75	5754	SJ-497C-835
37.90	3.83	18	1375	SJ-497C-840
31.75	4.34	31	17208	SJ-497C-845
41.98	3.90	33	598	SJ-497C-850
44.74	3.55	<10	250	SJ-497C-855
44.58	4.30	<10	171	SJ-497C-860
46.19	2.97	<10	164	SJ-497C-865
43.34	3.53	<10	144	SJ-497C-870
45.64	4.01	<10	130	SJ-497C-875
45.48	3.28	<10	105	SJ-497C-880
39.76	3.58	<10	1083	SJ-497C-885
32.66	3.66	14	229	SJ-497C-890
35.61	2.64	<10	87	SJ-497C-895
37.38	1.98	<10	115	SJ-497C-900
25.15	1.14	<10	784	SJ-497C-905
31.90	1.83	<10	266	SJ-497C-910
35.14	2.22	<10	111	SJ-497C-915
35.63	2.45	<10	103	SJ-497C-920
29.96	2.78	<10	31	SJ-497C-925
35.10	2.50	<10	55	SJ-497C-930
36.39	2.58	<10	215	SJ-497C-935
34.47	2.26	<10	102	SJ-497C-940

Table3.xlsx

35.96	2.91	<10	108	SJ-497C-945
36.83	2.21	<10	143	SJ-497C-950
36.97	2.58	<10	1390	SJ-497C-955
36.18	1.75	<10	401	SJ-497C-960
33.58	2.18	37	95	SJ-497C-965
34.62	1.51	14	97	SJ-497C-970
35.21	1.91	29	411	SJ-497C-975
35.30	1.83	<10	277	SJ-497C-980
32.77	2.21	<10	175	SJ-497C-985
30.53	1.40	25	597	SJ-497C-990
15.52	1.03	104	939	SJ-497C-995
24.26	1.78	19	84	SJ-497C-1000
12.79	0.62	152	324	SJ-497C-1005
29.40	0.64	143	55	SJ-497C-1010
27.08	1.08	17	83	SJ-497C-1015
29.20	0.82	68	116	SJ-497C-1020
29.71	0.76	43	390	SJ-497C-1025
24.20	0.67	77	516	SJ-497C-1030
27.95	0.39	51	542	SJ-497C-1035
27.11	1.00	64	224	SJ-497C-1040
32.93	0.32	27	685	SJ-497C-1045
32.86	0.36	37	447	SJ-497C-1050
29.60	0.56	20	493	SJ-497C-1055
32.06	0.35	17	240	SJ-497C-1060
33.36	0.33	10	192	SJ-497C-1065
29.55	0.48	27	225	SJ-497C-1070
34.57	0.43	<10	259	SJ-497C-1075
33.99	0.49	<10	391	SJ-497C-1080
33.50	0.49	22	2586	SJ-497C-1085
33.37	0.36	56	1630	SJ-497C-1090
29.29	0.39	26	753	SJ-497C-1095
31.39	0.30	<10	525	SJ-497C-1100
30.77	0.32	25	643	SJ-497C-1105
40.97	0.42	<10	623	SJ-497C-1110
39.59	0.27	<10	392	SJ-497C-1115
36.15	0.29	35	247	SJ-497C-1120
23.74	0.36	66	465	SJ-497C-1125
3.87	0.36	31	6106	SJ-497C-1130
3.37	0.32	17	13729	SJ-497C-1135
15.57	0.43	74	3019	SJ-497C-1140
40.96	0.41	<10	395	SJ-497C-1145
37.53	0.42	<10	196	SJ-497C-1150
32.52	0.69	18	155	SJ-497C-1155

Table3.xlsx

46.53	0.44	<10	224	SJ-497C-1160
41.66	0.48	<10	108	SJ-497C-1165
25.29	0.76	79	234	SJ-497C-1170
31.71	0.84	109	143	SJ-497C-1175
11.32	5.41	191	103	SJ-477-560
8.24	4.77	133	161	SJ-477-565
8.37	6.44	145	120	SJ-477-570
11.28	6.48	94	74	SJ-477-575
16.73	5.80	212	2550	SJ-477-580
16.98	5.38	96	140	SJ-477-585
14.94	4.64	14	126	SJ-477-590
23.17	5.84	56	545	SJ-477-595
30.87	5.04	58	181	SJ-477-600
36.27	4.73	93	158	SJ-477-605
30.08	3.83	<10	326	SJ-477-610
24.84	3.24	25	297	SJ-477-615
32.10	3.14	17	193	SJ-477-620
37.27	2.12	<10	159	SJ-477-625
36.84	2.31	12	81	SJ-477-630
32.44	2.75	<10	319	SJ-477-635
31.65	2.68	<10	253	SJ-477-640
35.95	1.53	<10	863	SJ-477-645
31.75	2.38	<10	455	SJ-477-650
32.89	1.38	<10	643	SJ-477-655
33.70	1.38	<10	796	SJ-477-660
31.03	1.11	<10	556	SJ-477-665
32.30	1.12	<10	544	SJ-477-670
34.20	1.61	<10	577	SJ-477-675
29.65	0.72	<10	670	SJ-477-680
26.15	0.67	<10	622	SJ-477-685
27.01	0.63	<10	615	SJ-477-690
26.00	0.59	<10	483	SJ-477-695
34.09	0.27	<10	403	SJ-477-700
32.51	0.27	<10	357	SJ-477-705
38.72	0.48	<10	371	SJ-477-710
40.78	0.18	<10	375	SJ-477-715
38.70	0.28	<10	356	SJ-477-720
27.96	0.48	<10	312	SJ-477-725
40.28	0.33	<10	338	SJ-477-730
44.58	0.48	<10	337	SJ-477-735
45.45	0.45	<10	320	SJ-477-740
43.75	0.54	<10	338	SJ-477-745
27.88	0.41	19	607	SJ-477-750

Table3.xlsx

9.09	0.04	<10	1550	SJ-477-755
5.77	0.02	<10	1718	SJ-477-760
6.01	0.02	<10	1825	SJ-477-765
8.99	0.02	97	6099	SJ-477-770
10.02	0.03	40	2354	SJ-477-775
16.37	0.50	60	7678	SJ-477-780
2.58	0.58	33	6676	SJ-477-785
1.22	0.53	105	955	SJ-477-790
0.31	0.54	140	573	SJ-477-795
0.39	0.48	127	168	SJ-477-800
0.18	0.47	27	1892	SJ-477-805
31.11	0.45	35	314	SJ-477-810
47.76	0.36	<10	169	SJ-477-815
46.61	0.48	<10	530	SJ-477-820
44.53	0.55	<10	248	SJ-477-825
48.23	0.41	<10	167	SJ-477-830
46.02	0.91	<10	148	SJ-477-835
27.05	4.01	115	130	SJ-477-840
22.11	3.50	138	127	SJ-477-845
26.72	3.60	84	116	SJ-477-850
32.60	3.53	76	111	SJ-477-855
37.70	3.94	36	87	SJ-477-860
31.66	4.27	91	90	SJ-477-865
25.02	3.51	62	101	SJ-477-870
37.78	3.25	80	209	SJ-477-875
41.80	2.99	22	175	SJ-477-880
38.07	2.67	31	149	SJ-477-885
28.73	2.83	72	144	SJ-477-890
15.06	2.26	89	143	SJ-477-895
20.78	2.07	75	235	SJ-477-900
8.53	2.29	113	255	SJ-477-905
2.52	2.74	136	2054	SJ-477-910
9.11	1.81	44	22469	SJ-477-915
16.31	2.13	57	11112	SJ-477-920
16.37	1.83	72	7086	SJ-477-925
30.51	1.78	<10	6368	SJ-477-930
28.85	2.13	54	636	SJ-477-935
39.64	3.76	12	775	SJ-448-900
39.65	3.32	<10	1315	SJ-448-905
38.14	4.26	<10	305	SJ-448-910
39.51	3.83	<10	452	SJ-448-915
39.60	3.63	12	368	SJ-448-920
38.69	4.13	<10	457	SJ-448-925

Table3.xlsx

39.29	3.91	17	928	SJ-448-930
40.34	3.97	16	7236	SJ-448-935
40.59	3.51	<10	1587	SJ-448-940
39.74	2.68	<10	258	SJ-448-945
32.89	2.70	22	95	SJ-448-950
30.22	2.85	15	155	SJ-448-955
25.93	1.99	36	599	SJ-448-960
20.27	1.79	89	367	SJ-448-965
19.16	2.16	97	110	SJ-448-970
26.56	2.50	<10	98	SJ-448-975
34.43	2.41	<10	28	SJ-448-980
23.82	2.86	48	64	SJ-448-985
28.46	2.25	21	100	SJ-448-990
29.38	2.79	82	144	SJ-448-995
29.60	2.51	27	106	SJ-448-1000
27.26	1.93	32	99	SJ-448-1005
27.85	1.94	15	116	SJ-448-1010
25.43	2.19	38	74	SJ-448-1015
26.92	1.46	75	93	SJ-448-1020
24.23	1.67	73	88	SJ-448-1025
32.06	1.43	15	110	SJ-448-1030
34.65	0.82	14	91	SJ-448-1035
15.27	0.26	58	136	SJ-448-1040
0.73	0.04	34	363	SJ-448-1045
24.77	0.25	39	330	SJ-448-1050
35.10	0.63	24	179	SJ-448-1055
41.85	0.42	15	163	SJ-448-1060
36.57	0.24	22	141	SJ-448-1065
34.73	0.34	18	86	SJ-448-1070
35.67	0.36	38	115	SJ-448-1075
35.35	0.28	24	108	SJ-448-1080
33.18	0.31	66	87	SJ-448-1085
31.39	0.43	39	98	SJ-448-1090
35.14	0.33	27	149	SJ-448-1095
32.77	0.26	15	154	SJ-448-1100
22.15	0.33	88	131	SJ-448-1105
17.90	0.39	200	196	SJ-448-1110
17.37	0.48	236	250	SJ-448-1115
16.65	0.38	145	210	SJ-448-1120
20.30	0.35	36	182	SJ-448-1125
14.98	0.21	95	164	SJ-448-1130
12.98	0.20	164	127	SJ-448-1135
16.06	0.25	89	128	SJ-448-1140

Table3.xlsx

21.24	0.26	100	134	SJ-448-1145
15.46	0.23	31	160	SJ-448-1150
3.96	0.30	119	116	SJ-448-1155
4.08	0.25	54	127	SJ-448-1160
1.81	0.42	129	90	SJ-448-1165
3.05	0.42	132	94	SJ-448-1170
0.94	0.39	163	123	SJ-448-1175
0.89	0.56	122	95	SJ-448-1180
2.14	0.74	189	59	SJ-448-1185
2.12	0.79	217	114	SJ-448-1190
0.41	0.63	481	73	SJ-448-1195
5.48	1.10	315	155	SJ-448-1200
1.71	0.90	180	114	SJ-448-1205
0.32	0.53	210	3570	SJ-448-1210
3.26	0.72	177	429	SJ-448-1215
13.63	0.65	39	254	SJ-448-1220
9.27	0.90	113	134	SJ-448-1225
4.86	0.99	111	176	SJ-448-1230
5.17	0.86	67	190	SJ-448-1235
23.34	3.43	47	191	BZ-954-960
12.23	3.15	79	685	BZ-954-965
13.10	2.06	93	1347	BZ-954-970
9.93	2.81	71	172	BZ-954-975
16.43	2.83	107	196	BZ-954-980
9.36	2.56	46	687	BZ-954-985
12.44	2.82	67	735	BZ-954-990
14.57	2.64	69	2381	BZ-954-995
10.39	1.98	76	1027	BZ-954-1000
8.73	3.06	114	467	BZ-954-1005
16.08	2.26	86	187	BZ-954-1010
15.23	2.12	59	93	BZ-954-1015
20.57	2.45	79	138	BZ-954-1020
18.34	2.28	64	144	BZ-954-1025
20.12	2.07	26	128	BZ-954-1030
20.59	1.98	39	164	BZ-954-1035
19.98	1.74	38	92	BZ-954-1040
19.15	2.11	27	98	BZ-954-1045
20.26	1.55	52	116	BZ-954-1050
10.00	1.19	91	131	BZ-954-1055
20.80	1.68	65	120	BZ-954-1060
12.76	1.80	56	105	BZ-954-1065
13.23	1.49	130	155	BZ-954-1070
17.05	0.97	111	88	BZ-954-1075

Table3.xlsx

21.57	0.89	85	72	BZ-954-1080
22.84	0.92	72	88	BZ-954-1085
27.91	0.74	60	80	BZ-954-1090
30.90	0.51	46	66	BZ-954-1095
23.77	0.68	65	101	BZ-954-1100
22.44	0.45	109	82	BZ-954-1105
24.44	0.42	94	84	BZ-954-1110
26.20	0.63	71	69	BZ-954-1115
14.63	0.79	31	60	BZ-954-1120
25.49	0.34	40	79	BZ-954-1125
21.82	0.46	<10	49	BZ-954-1130
26.04	0.33	76	78	BZ-954-1135
23.17	0.41	87	82	BZ-954-1140
24.46	0.30	121	94	BZ-954-1145
12.67	0.43	119	108	BZ-954-1150
15.66	0.57	107	148	BZ-954-1155
INS	INS	89	83	BZ-954-1160
13.83	0.35	89	83	BZ-954-1165
12.04	0.38	40	100	BZ-954-1170
20.95	0.41	16	158	BZ-954-1175
18.67	0.32	<10	126	BZ-954-1180
11.47	0.32	89	98	BZ-954-1185
14.70	0.25	30	206	BZ-954-1190
12.28	0.23	123	246	BZ-954-1195
5.48	0.25	108	147	BZ-954-1200
16.04	0.30	65	206	BZ-954-1205
13.76	0.33	58	121	BZ-954-1210
11.10	0.38	44	123	BZ-954-1215
11.22	0.46	124	133	BZ-954-1220
13.60	0.43	175	90	BZ-954-1225
6.96	0.47	287	81	BZ-954-1230
4.98	0.99	155	53	BZ-954-1235
5.53	1.06	141	78	BZ-954-1240
11.50	1.06	203	54	BZ-954-1245
7.73	1.38	476	46	BZ-954-1250
18.00	1.00	207	64	BZ-954-1255
12.67	0.80	113	55	BZ-954-1260
11.04	0.98	119	75	BZ-954-1265
4.28	1.16	62	71	BZ-954-1270
2.77	1.12	354	51	BZ-954-1275

Table3.xlsx

Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES
	0.1	0.1	0.1
	50	50	25
Lab No	Al %	Ca %	Fe %
C-109508	1.5	6.4	1.3
C-109509	1.6	6.8	1.6
C-109510	1.4	5.4	1.2
C-109511	1.4	5.1	0.9
C-109512	1.4	5.5	0.9
C-109513	1.3	5.1	0.7
C-109514	1.3	5.1	0.9
C-109515	2.0	7.4	1.1
C-109516	2.0	6.8	1.3
C-109517	2.2	7.7	1.2
C-109518	2.3	8.6	1.1
C-109519	2.4	8.8	1.3
C-109520	2.4	9.9	1.2
C-109521	2.3	8.9	1.2
C-109522	2.3	9.4	1.2
C-109523	2.2	9.5	1.2
C-109524	2.0	8.4	1.1
C-109525	INS	INS	INS
C-109526	2.4	9.0	1.3
C-109527	2.0	8.7	1.1
C-109528	1.4	4.1	0.9
C-109529	1.2	5.8	1.0
C-109530	2.2	2.0	1.4
C-109531	2.6	7.7	1.7
C-109532	2.3	9.7	1.0
C-109533	2.5	10.0	1.2
C-109534	2.8	10.0	1.3
C-109535	2.1	7.9	1.0
C-109536	2.4	11.0	1.0
C-109537	2.8	11.0	1.2
C-109538	2.2	7.6	1.1
C-109539	2.4	9.7	1.0
C-109540	2.8	11.0	1.2
C-109541	3.3	11.0	1.3

Table3.xlsx

C-109542	2.8	10.0	1.2
C-109543	2.6	11.0	1.1
C-109544	3.0	11.0	1.1
C-109545	2.8	10.0	1.2
C-109546	3.0	9.5	1.2
C-109547	3.3	11.0	1.1
C-109548	2.2	15.0	0.9
C-109549	3.0	8.3	1.1
C-109550	2.6	6.5	0.8
C-109551	2.0	9.8	1.1
C-109552	0.9	25.0	0.4
C-109553	1.8	16.0	0.8
C-109554	1.8	19.0	0.7
C-109555	1.6	20.0	0.6
C-109556	1.3	21.0	0.5
C-109557	1.3	18.0	0.6
C-109558	1.2	22.0	0.5
C-109559	0.7	25.0	0.3
C-109560	3.1	20.0	1.7
C-109561	2.6	19.0	1.3
C-109562	1.9	13.0	1.0
C-109563	2.1	11.0	1.1
C-109564	1.8	15.0	0.9
C-109565	2.5	12.0	1.2
C-109566	1.8	16.0	0.8
C-109567	1.5	20.0	0.7
C-109568	1.5	19.0	0.7
C-109569	1.4	21.0	0.6
C-109570	1.6	18.0	0.7
C-109571	1.6	19.0	0.7
C-109572	1.6	19.0	0.8
C-109573	1.5	16.0	0.7
C-109574	1.3	14.0	0.6
C-109575	1.2	17.0	0.5
C-109576	1.3	17.0	0.6
C-109577	3.5	13.0	1.9
C-109578	1.7	16.0	0.8
C-109579	1.2	19.0	0.6
C-109580	1.2	15.0	0.6
C-109581	1.1	13.0	0.5
C-109582	0.7	19.0	0.3
C-109583	1.1	17.0	0.5
C-109584	1.2	16.0	0.6

Table3.xlsx

C-109585	2.0	14.0	0.9
C-109586	1.6	16.0	0.8
C-109587	1.8	17.0	0.8
C-109596	2.0	17.0	1.1
C-109597	2.1	14.0	1.1
C-109598	1.9	14.0	1.0
C-109599	2.1	14.0	1.1
C-109600	2.2	14.0	1.1
C-109601	2.5	13.0	1.2
C-109602	2.3	11.0	1.3
C-109603	4.7	6.0	3.1
C-109604	2.3	8.6	1.3
C-109605	4.8	4.8	2.3
C-109606	3.0	10.0	1.9
C-109607	2.5	9.4	1.5
C-109608	2.3	9.8	1.2
C-109609	2.4	10.0	1.2
C-109610	2.4	8.4	1.2
C-109611	2.5	9.5	1.2
C-109612	2.9	9.2	1.4
C-109613	2.7	12.0	1.1
C-109614	3.4	12.0	1.4
C-109615	2.6	10.0	1.1
C-109616	2.7	12.0	1.2
C-109617	2.9	13.0	1.2
C-109618	2.7	9.9	1.3
C-109619	2.6	12.0	1.2
C-109620	2.5	11.0	1.1
C-109621	2.5	13.0	1.1
C-109622	2.7	12.0	1.2
C-109623	2.6	11.0	1.2
C-109624	2.7	11.0	1.1
C-109625	2.7	10.0	1.1
C-109626	2.2	19.0	0.8
C-109627	1.8	19.0	0.8
C-109628	2.6	14.0	1.0
C-109629	2.3	9.0	1.0
C-109630	2.0	1.7	0.8
C-109631	1.6	1.5	0.7
C-109632	1.3	7.7	0.8
C-109633	1.3	21.0	0.6
C-109634	1.6	18.0	0.7
C-109635	1.8	16.0	0.8

Table3.xlsx

C-109636	0.9	27.0	0.4
C-109637	1.3	23.0	0.6
C-109638	2.1	11.0	1.2
C-109639	2.2	15.0	1.2
C-109640	1.0	3.9	0.7
C-109641	0.9	2.9	0.7
C-109642	1.2	3.0	0.8
C-109643	1.2	4.1	0.8
C-109644	1.4	5.7	0.9
C-109645	1.5	6.2	0.8
C-109646	1.3	5.5	0.8
C-109647	1.5	7.2	0.8
C-109648	1.8	12.0	0.9
C-109649	2.3	14.0	1.1
C-109650	3.0	12.0	1.4
C-109651	3.9	10.0	1.7
C-109652	3.2	12.0	1.4
C-109653	2.5	14.0	1.2
C-109654	3.0	13.0	1.5
C-109655	3.5	11.0	1.7
C-109656	3.4	11.0	1.6
C-109657	3.3	14.0	1.3
C-109658	3.6	11.0	1.8
C-109659	3.9	13.0	1.6
C-109660	4.0	12.0	1.8
C-109661	4.3	11.0	1.7
C-109662	4.4	12.0	1.9
C-109663	4.1	13.0	1.8
C-109664	5.2	11.0	2.2
C-109665	5.8	8.9	2.5
C-109666	5.6	9.0	2.6
C-109667	5.6	8.9	2.3
C-109668	4.2	12.0	1.8
C-109669	4.7	11.0	2.0
C-109670	2.1	13.0	1.2
C-109671	2.1	14.0	0.9
C-109672	2.8	13.0	1.3
C-109673	5.7	9.4	2.6
C-109674	2.9	15.0	1.2
C-109675	2.5	22.0	1.0
C-109684	2.9	20.0	1.2
C-109685	3.2	20.0	1.4
C-109686	3.6	10.0	2.2

Table3.xlsx

C-109687	7.0	5.0	3.8
C-109688	7.6	4.4	3.7
C-109689	7.1	4.1	3.6
C-109690	6.4	4.6	3.5
C-109691	7.7	6.4	3.8
C-109692	3.1	6.1	2.2
C-109693	2.5	1.0	1.2
C-109694	2.0	0.5	1.1
C-109695	1.8	0.2	1.0
C-109696	1.8	0.2	0.9
C-109697	1.9	0.2	0.9
C-109698	3.4	12.0	1.7
C-109699	2.1	26.0	0.9
C-109700	2.2	23.0	0.9
C-109701	2.8	22.0	1.2
C-109702	1.8	25.0	0.7
C-109703	2.0	23.0	0.9
C-109704	2.1	9.8	1.1
C-109705	1.9	6.9	1.0
C-109706	1.9	9.1	1.0
C-109707	2.1	11.0	1.0
C-109708	2.0	14.0	1.0
C-109709	1.8	10.0	1.0
C-109710	1.8	8.3	0.9
C-109711	2.0	13.0	0.9
C-109712	1.7	14.0	0.8
C-109713	1.7	12.0	0.9
C-109714	1.4	9.1	0.8
C-109715	1.2	5.3	0.7
C-109716	1.3	7.1	0.7
C-109717	1.5	2.9	0.8
C-109718	1.1	1.7	0.7
C-109719	0.9	6.0	0.5
C-109720	0.6	11.0	0.4
C-109721	0.9	11.0	0.5
C-109722	1.0	17.0	0.5
C-109723	1.6	12.0	0.8
C-109763	2.0	18.0	1.0
C-109724	1.4	19.0	0.8
C-109725	1.9	20.0	0.8
C-109726	2.0	19.0	0.9
C-109727	1.9	20.0	0.9
C-109728	2.0	18.0	0.9

Table3.xlsx

C-109729	1.7	19.0	0.8
C-109730	1.8	18.0	0.8
C-109731	1.6	19.0	0.7
C-109732	1.5	18.0	0.7
C-109733	1.3	15.0	0.8
C-109734	1.4	17.0	0.7
C-109735	1.5	10.0	0.7
C-109736	1.4	7.8	0.9
C-109737	1.5	7.4	0.9
C-109738	1.5	11.0	0.8
C-109739	1.4	15.0	0.6
C-109740	1.2	8.9	0.7
C-109741	1.3	10.0	0.9
C-109742	2.1	10.0	1.3
C-109743	2.7	12.0	1.3
C-109744	2.8	9.1	1.4
C-109745	2.2	9.2	1.1
C-109746	2.6	8.6	1.3
C-109747	2.0	9.8	1.2
C-109748	1.9	9.9	1.2
C-109749	2.1	13.0	1.3
C-109750	2.0	12.0	1.3
C-109751	5.4	5.8	2.5
C-109752	7.1	0.8	3.3
C-109753	4.8	11.0	1.9
C-109754	3.0	13.0	1.3
C-109755	2.1	21.0	1.2
C-109756	2.7	13.0	1.1
C-109757	2.3	14.0	1.1
C-109758	2.2	15.0	1.2
C-109759	2.5	15.0	1.2
C-109760	3.2	12.0	1.5
C-109761	2.3	13.0	1.2
C-109762	2.3	13.0	1.2
C-109772	2.6	13.0	1.2
C-109773	2.5	7.7	1.4
C-109774	3.1	6.2	2.0
C-109775	3.3	6.1	1.8
C-109776	2.8	5.9	1.4
C-109777	2.9	7.3	1.3
C-109778	2.9	5.2	1.4
C-109779	2.4	4.7	1.2
C-109780	2.1	5.6	1.1

Table3.xlsx

C-109781	2.9	7.0	1.4
C-109782	2.1	5.4	1.1
C-109783	1.6	1.6	0.9
C-109784	1.6	1.6	0.9
C-109785	1.7	0.9	1.1
C-109786	1.6	1.3	1.2
C-109787	1.7	0.6	1.0
C-109788	2.0	0.5	1.1
C-109789	1.7	1.2	1.2
C-109790	1.7	1.2	1.2
C-109791	1.7	0.3	3.1
C-109792	2.3	2.1	4.7
C-109793	2.5	0.8	2.3
C-109794	2.1	0.3	2.0
C-109795	1.6	1.3	1.5
C-109796	2.3	4.8	0.9
C-109797	2.2	3.2	1.0
C-109798	1.8	1.8	0.9
C-109799	2.0	2.0	0.8
C-109800	1.7	7.8	1.0
C-109801	1.4	4.2	1.0
C-109802	1.4	4.7	1.0
C-109803	1.6	3.5	0.9
C-109804	1.5	5.4	0.8
C-109805	1.1	3.3	0.7
C-109806	1.4	4.3	0.8
C-109807	1.4	5.0	0.8
C-109808	1.1	3.7	0.7
C-109809	1.3	3.2	0.8
C-109810	1.5	5.6	0.9
C-109811	1.6	5.8	0.9
C-109812	2.1	7.3	1.1
C-109813	2.7	6.5	1.4
C-109814	2.6	7.4	1.4
C-109815	2.6	7.9	1.4
C-109816	2.7	7.7	1.4
C-109817	2.7	7.1	1.4
C-109818	2.6	7.0	1.5
C-109819	1.7	3.7	1.3
C-109820	2.3	7.4	1.3
C-109821	2.2	4.7	1.3
C-109822	1.7	5.0	1.5
C-109823	1.7	6.2	1.4

Table3.xlsx

C-109824	2.0	8.0	1.4
C-109825	2.0	8.2	1.7
C-109826	2.5	10.0	1.5
C-109827	2.9	10.0	1.6
C-109828	2.9	8.7	1.7
C-109829	3.3	7.9	1.9
C-109830	2.9	8.6	1.6
C-109831	3.2	9.2	1.7
C-109832	2.5	5.3	1.8
C-109833	3.0	8.9	1.5
C-109834	2.5	7.8	1.6
C-109835	2.4	9.3	1.7
C-109836	2.9	8.2	1.7
C-109837	3.2	8.6	2.0
C-109838	2.6	4.6	2.1
C-109839	2.3	5.8	2.3
C-109840	INS	INS	INS
C-109841	2.3	5.0	1.6
C-109842	3.1	4.4	1.8
C-109843	3.5	7.4	1.8
C-109844	3.4	6.6	1.6
C-109845	2.7	4.2	1.5
C-109846	3.2	5.4	1.5
C-109847	2.8	4.4	1.9
C-109848	1.6	2.0	0.9
C-109849	3.1	5.8	1.3
C-109850	2.8	5.0	1.4
C-109859	2.5	4.2	1.1
C-109860	2.4	4.0	1.3
C-109861	1.8	5.0	1.6
C-109862	2.1	2.8	6.4
C-109863	2.0	2.1	1.7
C-109864	2.0	2.4	1.8
C-109865	2.5	4.4	1.6
C-109866	1.9	3.5	5.6
C-109867	3.0	6.7	1.7
C-109868	2.3	4.7	1.2
C-109869	3.2	4.0	1.2
C-109870	3.2	1.8	1.0
C-109871	2.7	1.3	1.7

Table3.xlsx

Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES
0.1	0.1	0.01	0.01
50	5	50	50
K %	Mg %	Na %	P %
0.7	3.7	0.02	0.04
0.6	4.0	0.02	0.05
0.4	3.2	0.02	0.04
0.3	3.0	0.01	0.04
0.4	3.2	0.01	0.05
0.4	3.0	0.01	0.05
0.3	3.0	0.01	0.06
0.4	4.5	0.01	0.05
0.3	4.1	0.01	0.04
0.4	4.5	0.01	0.04
0.8	5.4	0.02	0.05
0.5	5.6	0.01	0.05
0.7	6.0	0.02	0.04
0.5	5.3	0.01	0.03
0.5	5.2	0.01	0.07
0.4	5.2	0.01	0.04
0.4	5.1	0.01	0.05
<i>INS</i>	<i>INS</i>	<i>INS</i>	<i>INS</i>
0.5	5.2	0.01	0.04
0.3	5.1	0.01	0.03
0.1	2.1	0.01	0.03
0.0	3.0	0.01	0.02
0.0	0.8	< 0.01	0.06
0.0	4.2	< 0.01	0.05
0.2	5.1	0.01	0.04
0.8	5.6	0.01	0.03
0.9	6.0	0.01	0.03
0.7	4.6	0.01	0.04
0.7	6.5	0.02	0.03
0.9	6.4	0.02	0.08
0.6	4.4	0.01	0.05
0.6	5.5	0.02	0.05
0.7	6.3	0.02	0.04
0.6	6.4	0.01	0.03

Table3.xlsx

0.4	5.9	0.01	0.05
0.4	6.2	0.01	0.05
0.5	6.2	0.01	0.05
0.4	5.7	0.01	0.08
0.4	5.4	0.01	0.07
0.4	5.0	0.01	0.07
0.3	3.5	0.01	0.06
0.4	4.7	0.01	0.11
0.3	3.4	0.01	0.05
0.3	1.2	0.01	0.07
0.1	1.4	< 0.01	0.04
0.3	3.8	0.01	0.06
0.2	2.7	0.01	0.07
0.2	3.5	0.01	0.09
0.3	3.4	0.01	0.09
0.3	2.5	0.01	0.06
0.3	2.6	0.01	0.05
0.4	2.0	0.01	0.04
1.5	4.5	0.02	0.03
1.1	4.5	0.02	0.03
0.7	6.2	0.02	0.10
0.9	6.6	0.02	0.04
0.9	6.2	0.03	0.03
1.4	7.3	0.03	0.05
1.0	7.2	0.03	0.03
1.0	5.1	0.02	0.03
1.1	5.2	0.02	0.04
1.1	5.2	0.02	0.02
1.1	5.3	0.02	0.04
1.0	5.4	0.02	0.03
0.8	5.5	0.02	0.03
0.5	5.4	0.02	0.03
0.3	3.9	0.01	0.03
0.4	3.4	0.01	0.04
0.8	4.3	0.02	0.03
2.0	3.4	0.55	0.11
1.0	3.5	0.15	0.05
0.5	3.3	0.02	0.04
0.4	4.4	0.02	0.04
0.3	3.3	0.01	0.04
0.2	2.0	0.01	0.03
0.4	3.6	0.02	0.03
0.3	4.4	0.02	0.03

Table3.xlsx

0.5	6.4	0.02	0.04
0.7	4.8	0.02	0.05
0.6	4.2	0.02	0.04
0.5	4.7	0.02	0.03
0.6	5.3	0.02	0.03
0.6	5.4	0.02	0.03
0.6	5.2	0.02	0.04
0.8	5.7	0.02	0.04
0.9	5.4	0.02	0.06
0.6	5.6	0.02	0.04
0.5	2.9	0.01	0.15
0.5	4.9	0.01	0.06
0.7	2.8	0.01	0.15
0.5	5.9	0.01	0.08
0.6	5.5	0.01	0.06
0.7	5.7	0.02	0.06
0.9	5.9	0.02	0.04
0.9	4.8	0.02	0.04
1.1	5.4	0.02	0.04
1.2	5.5	0.02	0.04
1.2	6.6	0.02	0.04
1.6	6.8	0.03	0.05
1.3	5.9	0.02	0.07
1.2	6.5	0.03	0.04
1.3	6.8	0.02	0.03
1.3	5.8	0.02	0.03
1.2	6.8	0.02	0.03
1.2	6.7	0.02	0.06
1.5	5.7	0.02	0.07
1.2	5.8	0.02	0.03
1.2	5.8	0.02	0.05
1.1	6.2	0.02	0.03
1.1	6.1	0.02	0.10
1.0	4.4	0.02	0.08
0.8	4.7	0.01	0.08
1.3	6.1	0.02	0.05
1.0	4.5	0.02	0.07
0.8	0.9	0.01	0.09
0.6	0.7	0.01	0.07
0.6	1.8	0.01	0.10
0.7	3.6	0.02	0.06
0.8	4.0	0.02	0.10
0.8	3.3	0.01	0.10

Table3.xlsx

0.5	1.8	0.01	0.06
0.6	2.5	0.01	0.04
1.0	3.9	0.01	0.05
1.1	3.9	0.01	0.18
0.3	2.2	0.01	0.09
0.3	1.6	0.01	0.09
0.3	1.7	0.01	0.07
0.3	2.4	0.01	0.05
0.4	3.3	0.02	0.06
0.5	3.6	0.02	0.11
0.4	3.2	0.02	0.09
0.6	4.6	0.03	0.04
0.8	6.6	0.04	0.36
1.3	8.0	0.04	0.84
2.7	6.6	0.04	1.00
3.0	5.9	0.04	0.52
2.3	7.3	0.04	0.55
1.5	8.3	0.03	0.79
1.3	8.3	0.02	0.23
1.9	7.1	0.02	0.07
2.6	7.1	0.03	0.09
2.4	7.9	0.03	0.18
3.1	6.9	0.03	0.11
3.1	7.3	0.03	0.19
3.4	7.2	0.03	0.03
3.8	6.9	0.04	0.12
3.8	7.1	0.04	0.04
3.6	6.9	0.04	0.28
4.7	6.2	0.04	0.03
5.3	5.6	0.04	0.02
5.1	5.8	0.04	0.02
4.8	5.6	0.04	0.02
3.1	7.3	0.03	0.04
3.0	7.3	0.03	0.03
1.5	8.3	0.02	0.03
1.5	7.6	0.03	0.05
1.7	7.3	0.03	0.05
3.0	5.8	0.03	0.02
1.7	7.0	0.03	0.05
1.6	3.9	0.02	0.04
1.9	5.4	0.03	0.03
2.0	5.6	0.03	0.03
1.4	4.6	0.02	0.07

Table3.xlsx

3.5	3.0	0.23	0.21
3.6	2.8	1.30	0.23
3.6	2.7	0.40	0.20
1.4	0.9	0.01	0.24
3.4	2.6	0.26	0.25
1.2	3.2	0.01	0.06
1.0	0.7	0.01	0.02
0.8	0.4	0.01	0.02
0.7	0.2	0.01	0.02
0.7	0.2	0.01	0.02
0.8	0.2	0.01	0.02
1.5	5.8	0.02	0.03
0.9	3.2	0.02	0.02
0.9	4.5	0.01	0.02
1.2	3.9	0.02	0.02
0.8	2.7	0.01	0.02
0.9	4.5	0.01	0.05
0.8	5.5	0.02	0.07
0.7	4.2	0.01	0.03
0.7	5.2	0.02	0.04
0.8	6.6	0.02	0.03
0.8	6.4	0.02	0.04
0.6	6.3	0.02	0.04
0.5	5.0	0.02	0.04
0.7	7.4	0.03	0.04
0.6	7.3	0.02	0.03
0.5	7.4	0.02	0.03
0.4	5.6	0.02	0.03
0.4	2.9	0.01	0.04
0.5	4.1	0.02	0.04
0.5	1.6	0.01	0.03
0.4	0.2	0.01	0.03
0.3	0.2	0.01	0.03
0.2	0.3	< 0.01	0.02
0.3	0.5	0.01	0.03
0.4	2.3	0.01	0.02
0.6	5.1	0.01	0.04
0.9	5.8	0.01	0.05
0.8	5.1	0.01	0.03
1.0	4.8	0.01	0.06
1.1	5.5	0.01	0.04
0.9	4.9	0.01	0.04
1.1	5.3	0.02	0.04

Table3.xlsx

1.0	5.2	0.01	0.04
1.0	5.9	0.02	0.04
0.9	4.8	0.01	0.03
0.7	4.6	0.01	0.03
0.5	4.1	0.01	0.03
0.5	3.1	0.01	0.04
0.5	4.2	0.02	0.04
0.4	3.3	0.01	0.03
0.5	3.3	0.01	0.04
0.4	3.7	0.01	0.04
0.5	4.3	0.01	0.04
0.3	3.8	0.01	0.04
0.3	4.7	0.01	0.03
0.5	5.3	0.01	0.04
0.5	4.8	0.01	0.05
0.5	5.3	0.01	0.04
0.5	5.4	0.01	0.05
0.5	5.1	0.01	0.06
0.5	4.8	0.01	0.05
0.4	4.6	0.01	0.04
0.4	6.2	0.01	0.04
0.4	6.2	0.01	0.04
0.4	2.3	< 0.01	0.09
0.6	0.1	0.01	0.13
0.4	3.0	0.01	0.07
0.4	5.7	0.01	0.03
0.2	5.8	0.01	0.03
0.2	6.6	0.01	0.05
0.3	5.1	0.01	0.06
0.3	5.0	0.01	0.04
0.3	5.9	0.01	0.03
0.3	6.3	0.01	0.03
0.2	4.4	0.01	0.04
0.1	5.9	0.01	0.05
0.2	5.7	0.01	0.06
0.3	4.1	0.01	0.07
0.4	3.5	0.01	0.05
1.0	3.4	0.01	0.06
0.6	3.2	0.01	0.04
0.9	4.0	0.01	0.08
1.1	3.0	0.01	0.05
0.9	2.5	0.01	0.05
0.8	3.0	0.01	0.06

Table3.xlsx

1.0	4.0	0.01	0.06
0.8	2.8	0.01	0.05
0.6	0.8	0.01	0.08
0.6	0.9	0.01	0.06
0.6	0.4	0.01	0.08
0.6	0.7	0.01	0.07
0.6	0.3	0.01	0.10
0.7	0.3	0.01	0.07
0.6	0.3	0.01	0.07
0.6	0.3	0.01	0.08
0.6	0.2	0.01	0.05
0.6	1.1	0.01	0.12
0.3	0.4	0.01	0.10
0.2	0.1	0.02	0.07
0.1	0.6	0.01	0.07
0.3	2.6	0.01	0.05
0.2	1.8	0.01	0.04
0.5	1.0	0.01	0.04
0.4	1.1	0.01	0.11
0.6	4.7	0.02	0.04
0.5	2.4	0.01	0.04
0.5	2.7	0.01	0.04
0.6	2.0	0.01	0.04
0.5	3.4	0.01	0.04
0.4	1.8	0.01	0.04
0.5	2.5	0.01	0.03
0.5	2.9	0.01	0.04
0.4	2.1	0.01	0.04
0.5	1.8	0.01	0.04
0.6	3.3	0.01	0.04
0.6	3.3	0.01	0.03
0.4	4.4	0.01	0.04
0.5	4.0	0.01	0.05
0.5	4.3	0.01	0.04
0.5	4.5	0.01	0.05
0.5	4.4	0.02	0.05
0.6	4.2	0.01	0.07
0.5	4.4	0.01	0.05
0.5	2.1	0.01	0.03
0.8	4.5	0.01	0.05
0.9	2.8	0.01	0.04
0.5	2.8	0.01	0.05
0.4	3.5	0.01	0.05

Table3.xlsx

0.5	4.6	0.01	0.04
0.4	4.8	0.01	0.04
0.3	5.8	0.01	0.05
0.3	6.4	0.01	0.04
0.4	4.9	0.01	0.05
0.3	4.6	0.01	0.05
0.3	5.0	0.01	0.04
0.4	5.4	0.01	0.04
0.2	3.0	0.01	0.05
0.3	5.3	0.01	0.04
0.4	4.5	0.01	0.06
0.4	5.4	0.01	0.04
0.4	4.8	0.01	0.05
0.4	5.1	0.01	0.03
0.4	2.7	0.01	0.04
0.4	3.4	0.01	0.06
INS	INS	INS	INS
0.3	2.8	0.01	0.06
0.4	2.5	0.01	0.05
0.6	4.5	0.01	0.05
0.6	3.9	0.01	0.04
0.4	2.4	0.01	0.07
0.8	3.1	0.01	0.07
1.1	2.6	0.01	0.06
0.6	1.1	0.01	0.05
0.8	3.4	0.01	0.08
0.3	2.9	0.01	0.08
0.3	2.3	0.01	0.15
0.4	2.3	0.01	0.06
0.3	2.9	0.01	0.08
0.4	1.6	0.01	0.10
0.5	1.1	0.01	0.10
0.5	1.3	0.01	0.13
0.5	2.5	0.01	0.14
0.4	1.8	0.01	0.25
0.5	4.0	0.01	0.11
0.4	2.6	0.01	0.08
0.5	2.3	0.01	0.06
0.4	1.0	0.01	0.06
0.3	0.7	0.01	0.07

Table3.xlsx

Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES
0.01	4	2	10
25	50,000	10,000	50,000
Ti %	Mn ppm	Ag ppm	As ppm
0.06	101	< 2	256
0.07	93	< 2	355
0.06	73	< 2	177
0.05	65	< 2	90
0.06	77	< 2	44
0.06	74	< 2	36
0.05	74	< 2	79
0.08	104	< 2	202
0.08	114	< 2	288
0.09	123	< 2	211
0.09	143	< 2	27
0.09	155	< 2	141
0.09	169	< 2	76
0.10	151	< 2	166
0.10	151	< 2	138
0.09	148	< 2	141
0.09	146	< 2	142
<i>INS</i>	<i>INS</i>	<i>INS</i>	<i>INS</i>
0.10	172	< 2	184
0.08	167	< 2	175
0.06	113	< 2	154
0.04	318	< 2	222
0.10	74	< 2	316
0.10	226	< 2	164
0.10	295	< 2	64
0.10	258	< 2	68
0.13	287	< 2	68
0.09	198	< 2	44
0.11	217	< 2	12
0.12	223	< 2	32
0.10	222	< 2	41
0.09	185	< 2	< 10
0.13	192	< 2	55
0.16	187	< 2	18

Table3.xlsx

0.12	170	< 2	41
0.11	179	< 2	< 10
0.13	187	< 2	< 10
0.12	191	< 2	25
0.14	179	< 2	65
0.14	209	< 2	< 10
0.09	177	< 2	12
0.13	125	< 2	87
0.12	107	< 2	33
0.10	63	< 2	264
0.04	110	< 2	< 10
0.08	172	< 2	63
0.08	245	< 2	< 10
0.07	174	< 2	< 10
0.06	142	< 2	< 10
0.05	158	< 2	49
0.05	210	< 2	23
0.04	82	< 2	< 10
0.11	247	< 2	< 10
0.10	255	< 2	< 10
0.08	120	< 2	34
0.09	123	< 2	63
0.07	135	< 2	< 10
0.11	137	< 2	< 10
0.07	131	< 2	17
0.07	106	< 2	< 10
0.07	94	< 2	< 10
0.07	96	< 2	< 10
0.07	114	< 2	< 10
0.06	150	< 2	16
0.07	151	< 2	< 10
0.06	152	< 2	69
0.05	149	< 2	27
0.05	148	< 2	< 10
0.06	97	< 2	< 10
0.31	384	< 2	73
0.11	144	< 2	< 10
0.05	147	< 2	< 10
0.05	154	< 2	< 10
0.04	136	< 2	< 10
0.03	121	< 2	< 10
0.05	143	< 2	16
0.05	155	< 2	< 10

Table3.xlsx

0.07	231	< 2	21
0.07	200	< 2	< 10
0.08	273	< 2	29
0.08	429	< 2	80
0.09	324	< 2	76
0.07	290	< 2	59
0.09	237	< 2	40
0.09	223	< 2	24
0.10	214	< 2	51
0.10	205	< 2	171
0.43	246	< 2	1,580
0.15	223	< 2	151
0.50	144	< 2	1,380
0.21	196	< 2	1,080
0.10	177	< 2	133
0.08	160	< 2	72
0.08	180	< 2	55
0.10	162	< 2	72
0.08	170	< 2	48
0.09	171	< 2	56
0.08	170	< 2	24
0.11	185	< 2	31
0.08	160	< 2	< 10
0.07	179	< 2	18
0.08	203	< 2	13
0.10	159	< 2	64
0.07	161	< 2	< 10
0.07	178	< 2	< 10
0.07	220	< 2	35
0.08	223	< 2	49
0.08	160	< 2	34
0.07	160	< 2	23
0.08	152	< 2	47
0.08	152	< 2	64
0.06	137	< 2	43
0.07	190	< 2	112
0.07	181	< 2	59
0.07	46	< 2	46
0.06	44	< 2	44
0.04	105	< 2	35
0.04	90	< 2	< 10
0.06	105	< 2	< 10
0.06	257	< 2	66

Table3.xlsx

0.03	115	< 2	17
0.05	112	< 2	18
0.08	199	< 2	213
0.07	308	< 2	182
0.07	84	3	334
0.07	72	3	322
0.08	71	3	402
0.08	96	3	290
0.09	118	5	329
0.10	101	4	185
0.08	86	3	103
0.10	97	4	125
0.09	133	4	229
0.10	150	5	231
0.14	117	2	31
0.18	130	< 2	42
0.15	136	< 2	71
0.10	171	< 2	31
0.13	212	< 2	55
0.17	200	< 2	37
0.15	157	< 2	28
0.14	218	< 2	18
0.16	146	< 2	41
0.18	216	< 2	13
0.18	215	< 2	14
0.19	177	< 2	< 10
0.18	197	< 2	< 10
0.17	208	< 2	< 10
0.22	178	< 2	14
0.27	177	< 2	< 10
0.26	189	< 2	< 10
0.24	171	< 2	18
0.17	216	< 2	12
0.19	166	< 2	< 10
0.09	154	< 2	17
0.11	144	< 2	< 10
0.13	135	< 2	< 10
0.24	140	< 2	11
0.12	195	< 2	< 10
0.09	177	< 2	< 10
0.08	213	< 2	< 10
0.09	258	< 2	< 10
0.21	469	< 2	823

Table3.xlsx

0.60	709	< 2	24
0.67	687	< 2	< 10
0.57	671	< 2	< 10
0.65	340	< 2	14,300
0.75	720	< 2	4,480
0.15	326	< 2	1,470
0.09	28	2	181
0.07	29	< 2	113
0.07	38	< 2	103
0.07	16	< 2	88
0.07	16	< 2	67
0.12	293	< 2	44
0.06	211	< 2	11
0.07	226	< 2	< 10
0.09	219	< 2	22
0.06	167	< 2	< 10
0.06	194	< 2	15
0.09	102	< 2	76
0.08	77	< 2	63
0.09	129	< 2	93
0.09	156	< 2	91
0.09	205	< 2	79
0.08	159	< 2	96
0.07	114	< 2	67
0.09	225	< 2	111
0.08	288	< 2	209
0.07	306	< 2	271
0.05	182	< 2	546
0.05	81	< 2	349
0.05	114	< 2	303
0.06	63	< 2	244
0.05	56	< 2	108
0.03	185	< 2	81
0.03	294	< 2	128
0.04	293	< 2	172
0.04	433	< 2	275
0.05	234	< 2	320
0.09	174	< 2	21
0.06	203	< 2	19
0.09	141	< 2	< 10
0.08	141	< 2	17
0.09	223	< 2	28
0.11	171	< 2	19

Table3.xlsx

0.08	165	< 2	28
0.08	196	< 2	17
0.07	196	< 2	< 10
0.07	186	< 2	45
0.05	167	< 2	133
0.06	194	< 2	< 10
0.06	145	< 2	29
0.06	226	< 2	98
0.07	145	< 2	191
0.06	237	< 2	248
0.06	267	< 2	22
0.05	370	< 2	889
0.05	465	< 2	1,100
0.09	343	< 2	1,290
0.12	341	< 2	1,190
0.13	273	< 2	787
0.10	314	< 2	658
0.13	301	< 2	869
0.09	337	< 2	584
0.07	440	< 2	1,130
0.07	678	< 2	475
0.07	666	< 2	449
0.38	355	< 2	1,180
0.57	28	< 2	1,250
0.29	338	< 2	830
0.12	328	< 2	347
0.09	637	< 2	459
0.12	441	< 2	248
0.09	515	< 2	240
0.08	641	< 2	320
0.11	555	< 2	512
0.16	423	< 2	536
0.11	475	< 2	630
0.10	475	< 2	361
0.12	421	< 2	301
0.12	222	< 2	421
0.14	170	< 2	677
0.15	154	< 2	574
0.12	127	< 2	473
0.13	182	< 2	342
0.14	151	5	308
0.10	164	11	365
0.10	157	< 2	217

Table3.xlsx

0.13	175	< 2	391
0.09	150	3	492
0.08	71	13	208
0.07	50	3	166
0.08	37	3	229
0.08	43	3	274
0.09	29	3	213
0.10	29	2	221
0.09	46	4	269
0.08	41	3	230
0.09	29	< 2	798
0.10	47	< 2	1,290
0.12	31	< 2	832
0.09	34	< 2	880
0.07	53	< 2	579
0.13	191	< 2	310
0.12	103	< 2	395
0.10	48	< 2	228
0.11	53	< 2	109
0.08	103	< 2	321
0.06	60	< 2	379
0.07	77	< 2	262
0.08	51	< 2	170
0.07	68	< 2	187
0.05	54	< 2	188
0.06	62	< 2	149
0.07	70	< 2	166
0.05	73	< 2	129
0.06	64	< 2	197
0.07	96	< 2	199
0.08	112	< 2	176
0.10	142	< 2	230
0.14	111	< 2	274
0.12	155	< 2	369
0.12	144	< 2	493
0.13	146	< 2	277
0.13	147	< 2	265
0.13	169	< 2	314
0.08	116	< 2	829
0.10	155	< 2	322
0.09	106	< 2	166
0.06	181	< 2	358
0.07	254	< 2	395

Table3.xlsx

0.08	273	< 2	438
0.08	325	< 2	502
0.10	443	< 2	394
0.10	263	< 2	318
0.12	264	< 2	403
0.15	244	< 2	378
0.12	205	< 2	351
0.14	365	< 2	411
0.12	280	< 2	389
0.15	358	< 2	325
0.11	428	< 2	369
0.11	511	< 2	523
0.12	327	< 2	532
0.14	294	< 2	525
0.12	158	< 2	476
0.11	192	< 2	723
INS	INS	INS	INS
0.10	220	< 2	375
0.15	146	< 2	385
0.15	151	< 2	576
0.14	152	< 2	283
0.12	66	< 2	422
0.15	72	< 2	457
0.14	75	2	477
0.07	36	< 2	146
0.15	71	< 2	348
0.13	51	< 2	292
0.12	43	< 2	201
0.12	38	< 2	279
0.08	58	< 2	483
0.09	28	< 2	1,660
0.12	27	< 2	682
0.11	32	< 2	694
0.14	49	< 2	648
0.09	53	< 2	1,590
0.15	112	< 2	773
0.12	123	< 2	567
0.16	88	< 2	564
0.17	37	< 2	552
0.14	31	< 2	739

Table3.xlsx

Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES
8	1	1	10
50,000	35,000	5,000	50,000
Au ppm	Ba ppm	Be ppm	Bi ppm
< 8	239	< 1	< 10
< 8	379	< 1	< 10
< 8	90	< 1	< 10
< 8	623	< 1	< 10
< 8	395	< 1	< 10
< 8	209	< 1	< 10
< 8	566	< 1	< 10
< 8	194	< 1	< 10
< 8	130	< 1	< 10
< 8	131	< 1	< 10
< 8	211	< 1	< 10
< 8	114	< 1	< 10
< 8	358	< 1	< 10
< 8	144	< 1	< 10
< 8	167	< 1	< 10
< 8	111	< 1	< 10
< 8	102	< 1	< 10
<i>INS</i>	<i>INS</i>	<i>INS</i>	<i>INS</i>
< 8	130	< 1	< 10
< 8	73	< 1	< 10
< 8	139	< 1	< 10
< 8	1,190	< 1	< 10
< 8	147	< 1	< 10
< 8	82	< 1	< 10
< 8	174	< 1	< 10
< 8	313	< 1	< 10
< 8	173	< 1	< 10
< 8	111	< 1	< 10
< 8	402	< 1	< 10
< 8	168	< 1	< 10
< 8	145	< 1	< 10
< 8	249	< 1	< 10
< 8	302	< 1	< 10
< 8	193	< 1	< 10

Table3.xlsx

< 8	179	< 1	< 10
< 8	168	< 1	< 10
< 8	347	< 1	< 10
< 8	332	< 1	< 10
< 8	622	< 1	< 10
< 8	749	< 1	< 10
< 8	429	< 1	< 10
< 8	644	< 1	< 10
< 8	691	< 1	< 10
< 8	989	< 1	< 10
< 8	118	< 1	< 10
< 8	208	< 1	< 10
< 8	56	< 1	< 10
< 8	98	< 1	< 10
< 8	73	< 1	< 10
< 8	2,130	< 1	< 10
< 8	899	< 1	< 10
< 8	154	< 1	< 10
< 8	331	< 1	< 10
< 8	236	< 1	< 10
< 8	152	< 1	< 10
< 8	151	< 1	< 10
< 8	1,230	< 1	< 10
< 8	273	< 1	< 10
< 8	554	< 1	< 10
< 8	204	< 1	< 10
< 8	144	< 1	< 10
< 8	135	< 1	< 10
< 8	133	< 1	< 10
< 8	107	< 1	< 10
< 8	95	< 1	< 10
< 8	1,020	< 1	< 10
< 8	149	< 1	< 10
< 8	77	< 1	< 10
< 8	135	< 1	< 10
< 8	702	2	< 10
< 8	234	< 1	< 10
< 8	111	< 1	< 10
< 8	67	< 1	< 10
< 8	53	< 1	< 10
< 8	51	< 1	< 10
< 8	168	< 1	< 10
< 8	68	< 1	< 10

Table3.xlsx

< 8	77	< 1	< 10
< 8	133	< 1	< 10
< 8	1,310	< 1	< 10
< 8	414	< 1	< 10
< 8	76	< 1	< 10
< 8	64	< 1	< 10
< 8	368	< 1	< 10
< 8	227	< 1	< 10
< 8	186	< 1	< 10
< 8	614	< 1	< 10
< 8	494	< 1	< 10
< 8	81	< 1	< 10
< 8	273	< 1	< 10
< 8	103	< 1	< 10
< 8	86	< 1	< 10
< 8	97	< 1	< 10
< 8	405	< 1	< 10
< 8	467	< 1	< 10
< 8	483	< 1	< 10
< 8	155	< 1	< 10
< 8	596	< 1	< 10
< 8	445	< 1	< 10
< 8	478	< 1	< 10
< 8	241	< 1	< 10
< 8	198	< 1	< 10
< 8	194	< 1	< 10
< 8	268	< 1	< 10
< 8	351	< 1	< 10
< 8	2,240	< 1	< 10
< 8	1,510	< 1	< 10
< 8	756	< 1	< 10
< 8	521	< 1	< 10
< 8	600	< 1	< 10
< 8	674	< 1	< 10
< 8	388	< 1	< 10
< 8	219	< 1	< 10
< 8	485	< 1	< 10
< 8	1,380	< 1	< 10
< 8	1,040	< 1	< 10
< 8	3,060	< 1	< 10
< 8	374	< 1	< 10
< 8	221	< 1	< 10
< 8	151	< 1	< 10

Table3.xlsx

< 8	237	< 1	< 10
< 8	118	< 1	< 10
< 8	182	< 1	< 10
< 8	124	< 1	< 10
< 8	125	< 1	< 10
< 8	125	< 1	< 10
< 8	123	< 1	< 10
< 8	96	< 1	< 10
< 8	493	< 1	< 10
< 8	118	< 1	< 10
< 8	117	< 1	< 10
< 8	474	< 1	< 10
< 8	169	< 1	< 10
< 8	153	< 1	< 10
< 8	353	< 1	< 10
< 8	321	1	< 10
< 8	232	< 1	< 10
< 8	169	< 1	< 10
< 8	112	1	< 10
< 8	270	1	< 10
< 8	260	< 1	< 10
< 8	939	1	< 10
< 8	512	1	< 10
< 8	657	1	< 10
< 8	483	1	< 10
< 8	591	1	< 10
< 8	646	1	< 10
< 8	527	< 1	< 10
< 8	636	1	< 10
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< 8	583	1	< 10
< 8	529	1	< 10
< 8	427	1	< 10
< 8	349	2	< 10
< 8	355	< 1	< 10
< 8	361	< 1	< 10
< 8	274	< 1	< 10
< 8	304	1	< 10
< 8	297	< 1	< 10
< 8	292	< 1	< 10
< 8	297	< 1	< 10
< 8	345	< 1	< 10
< 8	498	1	< 10

Table3.xlsx

< 8	1,570	3	15
< 8	1,660	4	20
< 8	1,690	4	13
< 8	151	2	13
< 8	2,670	4	15
< 8	186	< 1	< 10
< 8	185	< 1	< 10
< 8	827	< 1	< 10
< 8	593	< 1	< 10
< 8	142	< 1	< 10
< 8	648	< 1	< 10
< 8	272	< 1	< 10
< 8	177	< 1	< 10
< 8	484	< 1	< 10
< 8	194	< 1	< 10
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< 8	138	< 1	< 10
< 8	108	< 1	< 10
< 8	96	< 1	< 10
< 8	100	< 1	< 10
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< 8	156	< 1	< 10
< 8	159	< 1	< 10
< 8	150	< 1	< 10
< 8	137	< 1	< 10
< 8	270	< 1	< 10
< 8	190	< 1	< 10
< 8	1,940	< 1	< 10
< 8	491	< 1	< 10
< 8	2,060	< 1	< 10
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< 8	632	< 1	< 10
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< 8	425	< 1	< 10
< 8	398	< 1	< 10
< 8	337	< 1	< 10
< 8	512	< 1	< 10

Table3.xlsx

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< 8	199	< 1	< 10
< 8	110	< 1	< 10
< 8	145	< 1	< 10
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< 8	125	< 1	< 10
< 8	89	< 1	< 10
< 8	74	< 1	< 10
< 8	82	< 1	< 10
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< 8	113	< 1	< 10
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< 8	87	< 1	< 10
< 8	100	< 1	< 10
< 8	97	< 1	< 10
17	122	< 1	< 10
11	294	< 1	20
< 8	321	< 1	< 10
< 8	163	< 1	< 10
9	164	< 1	< 10
< 8	119	< 1	< 10
< 8	89	< 1	< 10
10	111	< 1	< 10
10	96	< 1	< 10
12	95	< 1	< 10
14	100	< 1	< 10
10	140	< 1	< 10
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9	249	< 1	< 10
< 8	186	< 1	< 10
< 8	122	< 1	< 10
< 8	112	< 1	< 10
< 8	116	< 1	< 10
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Table3.xlsx

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< 8	127	< 1	< 10
< 8	104	< 1	< 10
< 8	108	< 1	< 10
< 8	131	< 1	< 10
< 8	96	< 1	< 10
< 8	79	< 1	< 10
< 8	73	< 1	< 10
< 8	82	< 1	< 10
9	190	< 1	< 10
< 8	146	< 1	< 10
< 8	511	< 1	< 10
< 8	412	< 1	< 10
< 8	252	< 1	< 10
< 8	95	< 1	< 10
< 8	153	< 1	< 10
< 8	148	< 1	< 10
< 8	198	< 1	< 10
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< 8	1,420	< 1	< 10
< 8	178	< 1	< 10
< 8	196	< 1	< 10
< 8	685	< 1	< 10
< 8	651	< 1	< 10
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< 8	193	< 1	< 10
< 8	118	< 1	< 10
< 8	105	< 1	< 10
< 8	98	< 1	< 10
< 8	112	< 1	< 10
< 8	151	< 1	< 10
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< 8	83	< 1	< 10
< 8	98	< 1	< 10
< 8	104	< 1	< 10
< 8	95	< 1	< 10
< 8	119	< 1	< 10
< 8	125	< 1	< 10
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Table3.xlsx

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< 8	75	< 1	< 10
< 8	79	< 1	< 10
< 8	74	< 1	< 10
< 8	89	< 1	< 10
< 8	70	< 1	< 10
< 8	59	< 1	< 10
< 8	62	< 1	< 10
< 8	49	< 1	< 10
< 8	62	< 1	< 10
< 8	81	< 1	< 10
16	76	< 1	< 10
11	78	< 1	< 10
20	98	< 1	< 10
9	99	< 1	< 10
14	136	< 1	< 10
<i>INS</i>	<i>INS</i>	<i>INS</i>	<i>INS</i>
< 8	95	< 1	< 10
< 8	98	< 1	< 10
< 8	135	< 1	< 10
< 8	111	< 1	< 10
< 8	100	< 1	< 10
< 8	162	< 1	< 10
8	200	< 1	< 10
< 8	126	< 1	< 10
< 8	158	< 1	< 10
< 8	90	< 1	< 10
< 8	102	< 1	< 10
< 8	87	< 1	< 10
< 8	61	< 1	< 10
9	64	< 1	< 10
< 8	59	< 1	< 10
< 8	61	< 1	< 10
< 8	56	< 1	< 10
8	50	< 1	< 10
< 8	69	< 1	< 10
< 8	54	< 1	< 10
< 8	69	< 1	< 10
< 8	58	< 1	< 10
< 8	57	< 1	< 10

Table3.xlsx

Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES
2	5	2	2
25,000	50,000	25,000	25,000
Cd ppm	Ce ppm	Co ppm	Cr ppm
2	22	3	139
< 2	28	3	76
< 2	27	2	94
< 2	25	< 2	156
17	32	2	141
< 2	25	3	134
< 2	26	3	124
< 2	23	3	90
< 2	25	4	46
< 2	25	4	99
< 2	37	4	72
< 2	31	4	69
< 2	30	4	70
< 2	26	4	36
< 2	28	4	76
< 2	25	3	55
< 2	23	3	66
<i>INS</i>	<i>INS</i>	<i>INS</i>	<i>INS</i>
< 2	25	4	62
< 2	17	3	69
< 2	14	3	55
< 2	16	3	33
2	32	4	29
< 2	32	4	33
< 2	28	3	13
< 2	30	3	12
< 2	29	3	42
< 2	23	3	52
< 2	36	3	24
< 2	44	3	5
< 2	40	3	17
< 2	34	3	73
< 2	37	4	19
< 2	40	5	10

Table3.xlsx

< 2	40	4	8
< 2	36	3	17
< 2	39	4	6
< 2	36	4	8
< 2	52	4	13
< 2	43	4	21
< 2	28	3	9
< 2	41	5	9
< 2	40	5	17
< 2	46	3	40
< 2	17	< 2	16
< 2	31	2	12
< 2	27	2	9
< 2	27	2	6
< 2	26	< 2	28
< 2	18	2	28
< 2	18	< 2	32
< 2	15	< 2	4
< 2	35	4	66
< 2	25	3	40
6	25	2	17
5	26	3	49
4	26	2	69
7	32	3	68
3	21	< 2	46
< 2	22	< 2	36
2	22	< 2	43
< 2	20	< 2	29
3	25	< 2	20
3	22	2	44
< 2	23	2	4
< 2	21	2	48
< 2	22	< 2	44
< 2	23	< 2	41
< 2	23	< 2	4
< 2	53	9	79
< 2	29	3	52
< 2	21	< 2	52
< 2	21	< 2	13
< 2	18	< 2	37
< 2	21	< 2	33
< 2	22	< 2	33
< 2	20	< 2	44

Table3.xlsx

< 2	27	3	8
< 2	26	2	84
< 2	29	2	46
< 2	30	3	54
< 2	29	3	59
< 2	27	3	55
< 2	29	3	64
< 2	31	4	27
< 2	34	3	61
< 2	28	3	11
5	104	16	92
< 2	39	6	36
5	116	17	90
3	59	8	28
< 2	34	4	81
< 2	33	3	13
< 2	37	3	12
< 2	37	3	26
< 2	34	4	36
< 2	34	4	107
< 2	39	3	77
< 2	46	4	42
< 2	33	3	72
< 2	38	4	31
< 2	37	4	49
< 2	36	3	22
< 2	32	3	17
< 2	31	3	21
< 2	39	3	92
< 2	35	3	17
< 2	33	4	31
< 2	33	4	41
< 2	38	4	26
< 2	31	3	19
< 2	25	3	26
< 2	30	3	44
< 2	30	4	30
< 2	27	4	46
< 2	21	4	85
< 2	21	3	79
< 2	20	< 2	19
< 2	26	2	14
< 2	29	2	30

Table3.xlsx

< 2	15	< 2	35
< 2	19	< 2	35
< 2	26	3	69
< 2	28	< 2	75
57	14	< 2	295
44	16	< 2	319
49	17	< 2	337
50	16	< 2	146
37	14	< 2	108
32	18	3	195
31	13	2	257
26	15	< 2	90
24	24	2	73
8	13	3	171
< 2	17	3	193
< 2	15	3	190
< 2	17	3	161
< 2	17	2	90
< 2	9	3	125
< 2	13	4	104
< 2	18	4	95
< 2	23	3	95
< 2	21	4	113
< 2	29	3	86
< 2	27	5	31
< 2	34	5	79
< 2	31	6	80
< 2	41	4	72
< 2	39	6	67
< 2	48	7	36
< 2	47	7	48
< 2	48	6	78
< 2	31	4	63
< 2	35	5	26
< 2	20	3	31
< 2	30	2	15
< 2	37	3	40
< 2	53	7	37
< 2	34	3	44
< 2	28	2	46
< 2	33	4	38
< 2	34	3	36
< 2	50	7	78

Table3.xlsx

< 2	111	22	127
< 2	122	19	141
< 2	110	19	114
62	77	21	83
17	160	22	113
5	27	5	65
< 2	19	3	35
< 2	21	2	65
< 2	17	< 2	56
< 2	14	2	70
< 2	20	2	78
< 2	33	5	36
< 2	25	< 2	12
< 2	23	< 2	31
< 2	27	3	38
< 2	25	< 2	13
< 2	22	< 2	35
7	19	3	65
3	15	2	69
4	17	2	83
4	19	2	60
5	23	3	63
5	18	3	70
< 2	18	3	86
3	26	2	63
3	21	2	53
3	19	2	43
7	14	2	56
< 2	15	< 2	118
< 2	16	< 2	95
< 2	20	2	127
< 2	18	2	167
< 2	7	< 2	141
< 2	13	< 2	167
< 2	9	< 2	46
< 2	7	< 2	79
< 2	17	2	70
3	32	2	52
< 2	23	2	32
5	26	2	42
2	26	2	34
2	30	2	38
4	32	2	38

Table3.xlsx

3	29	2	35
5	28	2	38
< 2	25	< 2	35
< 2	23	< 2	35
< 2	23	< 2	18
< 2	30	< 2	8
< 2	23	2	17
< 2	27	< 2	24
< 2	21	2	78
< 2	16	2	53
< 2	24	< 2	43
5	16	2	21
7	18	2	28
7	26	3	34
6	29	4	78
3	31	4	69
3	26	4	25
4	31	4	78
2	22	3	35
6	17	3	46
< 2	25	3	26
< 2	24	3	21
4	106	16	106
3	145	26	86
< 2	66	10	99
< 2	30	4	45
< 2	28	2	45
< 2	35	3	20
< 2	27	3	19
< 2	27	3	43
< 2	39	4	26
< 2	36	5	43
< 2	30	3	21
< 2	30	3	43
< 2	39	4	23
< 2	35	4	24
< 2	39	4	53
< 2	39	4	31
< 2	34	7	76
< 2	40	5	33
< 2	49	4	35
< 2	35	4	94
< 2	28	4	32

Table3.xlsx

< 2	39	5	30
< 2	28	4	49
< 2	20	4	31
< 2	23	3	98
< 2	24	4	53
< 2	33	4	67
< 2	40	4	54
< 2	34	4	114
< 2	25	3	192
< 2	25	3	87
< 2	34	4	113
3	46	4	163
3	49	3	91
3	40	3	134
< 2	18	2	224
< 2	34	3	158
2	32	3	114
< 2	23	3	32
< 2	46	3	66
3	23	3	17
4	15	2	32
< 2	20	3	41
< 2	22	3	108
< 2	18	2	38
< 2	16	< 2	56
< 2	15	2	137
< 2	21	3	37
< 2	16	< 2	26
< 2	22	2	33
< 2	19	3	34
< 2	23	3	50
2	25	3	90
< 2	32	4	78
< 2	29	5	73
2	36	4	24
< 2	38	4	35
< 2	35	4	34
< 2	33	4	25
4	23	3	44
3	23	3	38
< 2	27	3	89
< 2	19	3	92
< 2	22	3	48

Table3.xlsx

< 2	29	4	29
< 2	28	3	73
< 2	36	4	33
< 2	36	4	39
< 2	42	4	34
< 2	52	5	31
< 2	40	4	29
< 2	28	5	21
< 2	34	4	53
< 2	33	5	26
< 2	28	4	56
< 2	20	4	32
< 2	29	5	27
< 2	35	5	15
< 2	33	5	18
< 2	26	4	30
INS	INS	INS	INS
< 2	27	4	42
< 2	42	5	24
< 2	31	6	40
< 2	34	6	17
< 2	30	5	33
< 2	34	6	26
< 2	31	5	149
< 2	17	3	33
< 2	41	5	45
< 2	40	5	22
< 2	39	5	21
< 2	29	5	42
< 2	20	3	49
2	23	5	37
< 2	25	5	61
< 2	26	5	78
< 2	32	4	51
3	19	4	70
2	35	3	31
< 2	26	3	18
3	42	3	17
3	46	3	16
3	38	3	35

Table3.xlsx

Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES
2	2	4	4
15,000	5,000	50,000	5,000
Cu ppm	Eu ppm	Ga ppm	Ho ppm
30	< 2	6	< 4
22	< 2	5	< 4
20	< 2	< 4	< 4
20	< 2	6	< 4
96	< 2	5	< 4
27	< 2	5	< 4
24	< 2	4	< 4
29	< 2	7	< 4
27	< 2	10	< 4
29	< 2	8	< 4
30	< 2	< 4	< 4
27	< 2	9	< 4
30	< 2	8	< 4
26	< 2	7	< 4
28	< 2	7	< 4
26	< 2	7	< 4
21	< 2	4	< 4
<i>INS</i>	<i>INS</i>	<i>INS</i>	<i>INS</i>
25	< 2	7	< 4
20	< 2	10	< 4
16	< 2	< 4	< 4
17	< 2	6	< 4
26	< 2	< 4	< 4
20	< 2	8	< 4
14	< 2	9	< 4
18	< 2	5	< 4
18	< 2	7	< 4
16	< 2	5	< 4
14	< 2	7	< 4
15	< 2	8	< 4
12	< 2	6	< 4
13	< 2	7	< 4
17	< 2	9	< 4
18	< 2	11	< 4

Table3.xlsx

19	< 2	8	< 4
19	< 2	5	< 4
16	< 2	6	< 4
18	< 2	6	< 4
19	< 2	5	< 4
19	< 2	11	< 4
17	< 2	6	< 4
18	< 2	8	< 4
14	< 2	9	< 4
15	< 2	< 4	< 4
18	< 2	5	< 4
18	< 2	< 4	< 4
19	< 2	9	< 4
19	< 2	7	< 4
20	< 2	< 4	< 4
19	< 2	6	< 4
20	< 2	5	< 4
21	< 2	< 4	< 4
21	< 2	7	< 4
25	< 2	7	< 4
46	< 2	8	< 4
54	< 2	< 4	< 4
62	< 2	10	< 4
65	< 2	5	< 4
44	< 2	< 4	< 4
43	< 2	7	< 4
48	< 2	5	< 4
36	< 2	7	< 4
43	< 2	9	< 4
53	< 2	7	< 4
40	< 2	9	< 4
37	< 2	6	< 4
36	< 2	< 4	< 4
25	< 2	< 4	< 4
24	< 2	< 4	< 4
34	< 2	9	< 4
25	< 2	7	< 4
26	< 2	7	< 4
21	< 2	10	< 4
24	< 2	4	< 4
22	< 2	< 4	< 4
23	< 2	5	< 4
24	< 2	6	< 4

Table3.xlsx

32	< 2	< 4	< 4
29	< 2	6	< 4
28	< 2	6	< 4
29	< 2	11	< 4
29	< 2	9	< 4
25	< 2	10	< 4
28	< 2	5	< 4
29	< 2	6	< 4
30	< 2	7	< 4
24	< 2	8	< 4
56	3	12	< 4
30	< 2	7	< 4
58	3	8	< 4
34	< 2	< 4	< 4
26	< 2	6	< 4
21	< 2	8	< 4
22	< 2	10	< 4
18	< 2	6	< 4
18	< 2	8	< 4
23	< 2	5	< 4
17	< 2	12	< 4
18	< 2	11	< 4
18	< 2	12	< 4
17	< 2	8	< 4
18	< 2	9	< 4
19	< 2	7	< 4
19	< 2	8	< 4
20	< 2	4	< 4
17	< 2	5	< 4
22	< 2	13	< 4
21	< 2	6	< 4
16	< 2	10	< 4
18	< 2	11	< 4
20	< 2	5	< 4
18	< 2	< 4	< 4
17	< 2	8	< 4
16	< 2	7	< 4
13	< 2	6	< 4
14	< 2	< 4	< 4
16	< 2	7	< 4
21	< 2	5	< 4
22	< 2	9	< 4
22	< 2	8	< 4

Table3.xlsx

23	< 2	5	< 4
25	< 2	7	< 4
27	< 2	9	< 4
26	< 2	5	< 4
118	< 2	8	< 4
95	< 2	7	< 4
135	< 2	6	< 4
140	< 2	< 4	< 4
138	< 2	5	< 4
122	< 2	6	< 4
117	< 2	5	< 4
138	< 2	< 4	< 4
122	< 2	5	< 4
106	< 2	8	< 4
75	< 2	8	< 4
56	< 2	8	< 4
76	< 2	11	< 4
41	< 2	8	< 4
46	< 2	14	< 4
48	< 2	15	< 4
45	< 2	13	< 4
29	< 2	15	< 4
38	< 2	9	< 4
31	< 2	7	< 4
34	< 2	9	< 4
29	< 2	8	< 4
31	< 2	14	< 4
29	< 2	16	< 4
25	< 2	9	< 4
24	< 2	11	< 4
23	< 2	13	< 4
22	< 2	12	< 4
23	< 2	12	< 4
27	< 2	13	< 4
21	< 2	7	< 4
18	< 2	< 4	< 4
21	< 2	9	< 4
26	< 2	8	< 4
18	< 2	8	< 4
17	< 2	6	< 4
17	< 2	< 4	< 4
18	< 2	11	< 4
69	< 2	10	< 4

Table3.xlsx

47	3	13	< 4
44	3	11	< 4
41	3	11	< 4
34	3	11	< 4
48	4	15	< 4
13	< 2	8	< 4
7	< 2	5	< 4
5	< 2	5	< 4
7	< 2	< 4	< 4
6	< 2	< 4	< 4
5	< 2	< 4	< 4
13	< 2	10	< 4
18	< 2	8	< 4
16	< 2	4	< 4
18	< 2	11	< 4
19	< 2	6	< 4
25	< 2	5	< 4
54	< 2	9	< 4
40	< 2	7	< 4
47	< 2	8	< 4
42	< 2	10	< 4
56	< 2	6	< 4
61	< 2	4	< 4
38	< 2	6	< 4
42	< 2	8	< 4
41	< 2	< 4	< 4
33	< 2	6	< 4
33	< 2	7	< 4
20	< 2	6	< 4
15	< 2	7	< 4
15	< 2	4	< 4
12	< 2	< 4	< 4
12	< 2	< 4	< 4
14	< 2	< 4	< 4
16	< 2	< 4	< 4
19	< 2	5	< 4
23	< 2	7	< 4
57	< 2	10	< 4
45	< 2	5	< 4
55	< 2	7	< 4
52	< 2	6	< 4
56	< 2	< 4	< 4
56	< 2	5	< 4

Table3.xlsx

55	< 2	< 4	< 4
57	< 2	6	< 4
49	< 2	5	< 4
37	< 2	8	< 4
35	< 2	< 4	< 4
36	< 2	6	< 4
21	< 2	4	< 4
19	< 2	7	< 4
19	< 2	10	< 4
24	< 2	6	< 4
23	< 2	7	< 4
22	< 2	6	< 4
25	< 2	5	< 4
37	< 2	9	< 4
36	< 2	9	< 4
32	< 2	6	< 4
29	< 2	6	< 4
28	< 2	7	< 4
23	< 2	5	< 4
38	< 2	8	< 4
25	< 2	8	< 4
25	< 2	9	< 4
27	< 2	13	< 4
35	3	9	< 4
28	< 2	12	< 4
20	< 2	5	< 4
27	< 2	9	4
16	< 2	< 4	< 4
20	< 2	6	< 4
22	< 2	< 4	< 4
20	< 2	6	< 4
22	< 2	7	4
28	< 2	4	< 4
23	< 2	7	< 4
18	< 2	6	< 4
16	< 2	< 4	< 4
15	< 2	7	< 4
20	< 2	5	< 4
15	< 2	10	< 4
16	< 2	11	< 4
16	< 2	7	< 4
19	< 2	7	< 4
14	< 2	5	< 4

Table3.xlsx

15	< 2	8	< 4
16	< 2	9	< 4
16	< 2	6	< 4
17	< 2	8	< 4
28	< 2	4	< 4
23	< 2	4	< 4
16	< 2	4	< 4
17	< 2	5	< 4
21	< 2	4	< 4
24	< 2	< 4	< 4
31	< 2	< 4	< 4
55	< 2	< 4	< 4
31	< 2	5	< 4
25	< 2	< 4	< 4
41	< 2	< 4	< 4
18	< 2	6	< 4
18	< 2	8	< 4
14	< 2	5	< 4
15	< 2	5	< 4
35	< 2	7	< 4
31	< 2	5	< 4
22	< 2	< 4	< 4
21	< 2	5	< 4
22	< 2	6	< 4
18	< 2	< 4	< 4
23	< 2	7	< 4
20	< 2	6	< 4
17	< 2	< 4	< 4
20	< 2	5	< 4
24	< 2	7	< 4
23	< 2	7	< 4
29	< 2	9	< 4
32	< 2	11	< 4
29	< 2	11	< 4
28	< 2	8	< 4
29	< 2	9	< 4
30	< 2	14	< 4
26	< 2	6	< 4
24	< 2	5	< 4
27	< 2	5	< 4
23	< 2	9	< 4
23	< 2	9	< 4
22	< 2	6	< 4

Table3.xlsx

28	< 2	10	< 4
34	< 2	6	< 4
24	< 2	< 4	< 4
23	< 2	9	< 4
27	< 2	5	< 4
21	< 2	10	< 4
20	< 2	< 4	< 4
19	< 2	8	< 4
29	< 2	< 4	< 4
17	< 2	8	< 4
25	< 2	11	< 4
24	< 2	8	< 4
19	< 2	5	< 4
22	< 2	8	< 4
17	< 2	9	< 4
31	< 2	< 4	< 4
INS	INS	INS	INS
20	< 2	6	< 4
17	< 2	6	< 4
15	< 2	9	< 4
16	< 2	14	< 4
17	< 2	9	< 4
15	< 2	10	< 4
46	< 2	9	< 4
13	< 2	5	< 4
14	< 2	10	< 4
15	< 2	6	< 4
15	< 2	6	< 4
21	< 2	5	< 4
23	< 2	5	< 4
31	< 2	< 4	< 4
22	< 2	5	< 4
35	< 2	< 4	< 4
24	< 2	7	< 4
38	< 2	6	< 4
16	< 2	7	< 4
12	< 2	6	< 4
13	< 2	7	< 4
11	< 2	6	< 4
18	< 2	< 4	< 4

Table3.xlsx

Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES
2	2	2	4
50,000	50,000	50,000	50,000
La ppm	Li ppm	Mo ppm	Nb ppm
13	23	56	6
17	23	37	< 4
15	22	39	6
16	24	45	6
24	20	59	5
19	20	67	5
19	21	67	5
16	25	47	7
15	32	37	6
17	29	46	9
22	16	28	9
15	19	26	10
19	16	28	11
15	22	28	10
18	19	23	10
18	19	21	8
15	16	20	9
INS	INS	INS	INS
20	19	23	10
11	21	17	8
10	33	17	5
10	32	14	4
27	31	21	< 4
23	30	4	8
19	24	< 2	11
19	21	< 2	11
21	15	6	12
16	17	12	8
21	17	< 2	13
27	19	< 2	11
26	26	< 2	9
22	24	< 2	11
23	21	< 2	12
26	22	< 2	14

Table3.xlsx

25	20	< 2	11
24	21	< 2	10
24	22	< 2	11
23	19	< 2	12
34	22	< 2	10
29	23	< 2	10
19	17	< 2	7
28	24	< 2	11
25	21	< 2	8
31	20	3	5
9	10	3	< 4
18	20	< 2	7
17	21	< 2	7
16	17	< 2	7
15	13	< 2	7
11	12	4	< 4
11	12	3	5
8	9	< 2	< 4
24	14	< 2	10
19	12	4	10
21	17	48	9
17	18	61	9
18	14	42	11
18	18	77	12
16	12	57	10
19	7	45	9
19	8	57	8
17	7	51	8
18	9	47	8
19	10	56	9
19	10	57	9
18	12	54	8
19	16	52	7
19	11	37	6
18	7	21	7
37	22	17	15
19	13	26	8
17	10	35	6
17	11	31	6
17	12	35	5
15	7	33	< 4
19	9	36	< 4
18	11	35	7

Table3.xlsx

23	14	43	10
20	12	27	7
24	14	32	7
24	18	21	11
23	20	21	10
20	19	18	10
21	18	22	10
23	18	19	10
27	19	26	11
20	21	17	11
76	30	16	11
30	23	25	10
85	32	5	11
42	27	5	11
29	27	7	9
27	27	2	10
25	26	< 2	11
27	25	6	9
22	23	< 2	10
25	25	14	18
27	21	< 2	11
30	25	< 2	13
24	23	2	10
25	23	< 2	11
24	20	< 2	11
24	21	5	9
20	19	< 2	12
19	18	< 2	11
28	17	2	8
23	19	< 2	10
24	20	< 2	10
21	19	< 2	10
25	19	< 2	9
22	14	4	9
16	14	3	8
21	18	< 2	9
20	22	5	9
17	31	15	5
13	31	15	< 4
13	25	10	4
14	12	< 2	6
17	13	< 2	6
17	12	2	6

Table3.xlsx

9	7	< 2	5
13	9	3	4
19	13	10	7
16	14	5	8
14	14	105	7
20	14	105	< 4
23	18	150	5
16	15	145	5
13	12	143	6
18	17	123	7
14	13	131	8
17	12	122	8
23	14	80	10
23	13	33	13
28	13	12	13
24	22	13	13
22	16	13	14
23	15	8	12
16	17	7	14
17	20	7	14
20	17	7	16
26	18	6	15
22	19	6	14
28	19	5	14
23	18	6	17
28	17	6	16
25	17	7	15
35	13	6	14
30	14	7	18
34	16	5	18
33	16	6	19
34	16	5	19
24	15	5	16
26	22	6	21
18	12	5	11
20	11	< 2	15
21	14	< 2	16
33	23	< 2	20
23	15	< 2	16
22	15	< 2	9
21	14	< 2	12
21	13	< 2	14
33	23	< 2	13

Table3.xlsx

62	38	6	14
68	42	< 2	26
60	37	< 2	15
39	34	3	23
85	42	< 2	24
16	16	2	9
13	53	6	7
17	62	16	5
14	54	25	< 4
12	44	17	< 4
15	61	6	5
17	31	< 2	14
15	10	< 2	8
14	7	< 2	8
15	9	< 2	10
17	6	< 2	8
14	8	6	8
11	25	55	9
10	33	53	9
11	23	57	9
11	18	68	13
12	12	70	13
13	18	69	11
14	37	68	9
16	43	60	10
15	32	61	12
16	57	68	12
10	40	64	7
10	34	47	6
11	20	32	9
14	38	39	4
11	34	50	< 4
5	25	41	< 4
8	20	48	< 4
7	29	41	< 4
5	12	40	5
12	14	35	8
17	13	55	9
16	13	49	8
17	12	53	8
17	13	63	10
18	14	60	9
19	14	69	9

Table3.xlsx

18	10	62	9
18	11	76	12
17	10	71	8
16	8	61	10
13	11	60	< 4
20	14	61	7
16	18	31	8
17	18	32	5
15	27	44	8
10	49	54	5
16	9	44	9
13	40	62	6
9	68	47	8
16	73	48	10
18	60	41	11
16	46	27	10
16	41	24	12
17	34	30	11
11	26	24	10
11	37	36	10
14	21	7	11
16	21	9	12
55	118	3	15
75	173	6	26
34	62	< 2	16
16	27	6	11
13	28	9	11
17	32	< 2	13
13	26	< 2	10
12	25	< 2	10
16	35	< 2	10
18	38	< 2	16
14	30	< 2	7
14	47	< 2	14
19	43	< 2	15
18	34	< 2	10
20	42	< 2	11
20	47	< 2	10
17	71	3	10
20	19	< 2	11
22	16	3	8
17	23	7	9
14	20	2	7

Table3.xlsx

18	11	6	11
12	18	12	7
11	32	13	< 4
11	35	19	5
12	32	29	< 4
17	28	25	< 4
20	22	16	< 4
17	26	13	< 4
14	23	14	4
14	21	17	< 4
19	22	15	< 4
25	103	14	< 4
27	79	17	5
23	60	17	< 4
9	48	23	< 4
14	38	11	7
16	53	18	8
12	49	21	6
23	32	17	6
16	34	70	6
11	28	70	5
10	32	37	5
14	37	55	6
11	23	49	6
10	29	58	5
11	18	59	6
13	21	59	7
10	25	42	5
14	31	78	4
11	26	48	7
15	26	47	7
14	39	47	10
18	44	42	9
16	39	33	12
19	32	30	10
21	31	24	14
19	30	40	10
16	41	21	13
12	65	30	6
14	34	28	10
13	27	18	9
10	45	14	7
11	60	14	7

Table3.xlsx

14	46	18	7
14	40	27	10
17	39	4	11
16	38	< 2	13
20	31	8	11
23	40	4	12
17	41	4	12
18	41	11	11
24	38	23	7
21	36	11	12
17	30	20	10
12	29	30	10
17	42	8	9
20	42	6	10
20	36	7	7
17	34	13	7
INS	INS	INS	INS
18	30	16	7
24	35	8	8
19	60	< 2	12
21	31	< 2	11
19	34	12	7
21	58	3	10
17	19	61	8
10	37	15	5
23	76	< 2	10
24	22	< 2	7
25	25	< 2	8
19	24	7	9
14	33	15	6
14	44	10	< 4
19	32	10	5
18	33	33	4
23	28	9	6
12	20	13	< 4
23	29	4	10
17	23	5	7
28	29	10	10
29	30	10	8
23	39	28	5

Table3.xlsx

Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES
9	3	4	2
50,000	50,000	50,000	50,000
Nd ppm	Ni ppm	Pb ppm	Sc ppm
9	68	10	2
12	51	8	2
9	51	11	< 2
10	56	12	< 2
16	71	573	< 2
11	79	17	2
9	84	34	< 2
11	65	15	3
< 9	52	14	3
11	65	13	3
14	50	10	4
< 9	42	9	4
13	50	11	5
< 9	47	10	4
11	43	9	4
11	41	6	4
< 9	35	10	4
INS	INS	INS	INS
14	39	9	4
10	31	7	3
< 9	25	10	< 2
< 9	18	64	< 2
19	39	42	< 2
18	24	10	4
15	16	9	4
12	18	6	5
16	21	10	5
10	22	9	4
18	12	8	5
23	15	7	6
22	14	7	4
17	14	9	5
17	16	8	5
19	17	8	6

Table3.xlsx

19	21	10	6
18	15	7	5
19	14	10	5
20	17	7	5
27	24	9	5
23	13	11	6
11	13	6	4
22	24	8	5
19	16	5	4
23	23	6	2
< 9	5	< 4	2
13	14	< 4	3
11	12	4	4
10	13	< 4	3
11	10	< 4	3
< 9	19	< 4	3
< 9	15	< 4	3
< 9	8	< 4	2
16	18	11	5
13	19	8	4
16	80	7	4
10	84	4	3
< 9	70	5	3
12	108	7	4
10	74	5	3
11	63	< 4	3
12	79	4	3
< 9	64	5	3
12	71	< 4	3
10	79	< 4	3
< 9	78	< 4	4
12	72	< 4	3
10	67	6	3
11	47	< 4	3
10	37	4	3
24	40	12	9
14	41	5	4
< 9	52	< 4	3
< 9	53	< 4	3
< 9	52	< 4	2
< 9	46	< 4	2
11	49	< 4	3
< 9	51	< 4	3

Table3.xlsx

12	61	8	4
10	45	< 4	3
15	50	5	3
11	38	6	4
13	44	8	4
11	34	5	4
15	40	6	4
17	38	6	4
17	45	6	5
13	34	6	4
70	72	17	10
24	48	11	5
79	66	23	10
36	37	10	7
21	31	6	5
18	22	8	5
18	24	6	5
19	22	7	4
16	19	9	5
19	29	12	5
21	16	11	5
23	18	10	6
17	20	17	5
22	16	18	5
16	17	12	6
19	20	10	5
16	18	8	4
16	17	7	4
22	20	8	5
20	16	8	5
20	20	10	6
15	16	10	5
21	18	21	5
17	15	20	5
12	15	8	4
18	15	6	5
13	19	9	4
15	21	6	3
9	22	5	2
11	22	6	2
< 9	15	< 4	3
11	15	< 4	3
10	21	< 4	5

Table3.xlsx

< 9	10	< 4	2
< 9	27	< 4	3
16	34	7	4
18	25	5	5
< 9	246	8	3
10	211	8	3
10	277	11	3
< 9	254	10	4
< 9	231	8	4
< 9	207	8	4
< 9	208	8	3
9	202	10	4
11	159	12	5
18	145	11	7
27	114	8	7
20	97	11	7
18	85	11	6
20	62	8	5
15	71	9	6
15	77	10	7
16	65	10	6
19	36	11	6
19	68	10	6
21	38	11	7
18	49	13	7
26	38	12	7
19	42	12	8
29	39	12	7
24	34	16	8
26	35	21	8
25	33	20	8
26	32	18	8
20	21	12	7
20	24	16	7
16	17	7	5
15	11	5	5
17	18	7	5
22	37	19	8
13	16	8	5
16	12	< 4	4
15	14	8	5
16	18	7	5
23	22	16	8

Table3.xlsx

49	46	16	18
48	44	21	18
45	42	23	17
38	48	18	16
71	49	29	20
15	20	10	7
12	15	11	4
10	15	9	3
< 9	15	9	2
< 9	15	11	2
< 9	15	10	2
14	18	15	6
< 9	9	< 4	4
9	10	4	4
< 9	14	6	5
9	32	< 4	3
< 9	19	< 4	4
< 9	85	7	4
< 9	73	5	3
< 9	84	9	4
< 9	86	5	4
< 9	97	8	5
< 9	95	8	4
9	84	6	3
< 9	80	8	4
< 9	77	6	4
< 9	81	8	4
< 9	73	91	3
< 9	53	8	2
< 9	43	12	3
< 9	52	13	< 2
< 9	59	11	< 2
< 9	43	< 4	< 2
< 9	49	6	< 2
< 9	43	4	< 2
< 9	39	< 4	2
< 9	46	6	3
< 9	80	4	4
< 9	65	5	4
< 9	83	5	4
10	79	< 4	4
< 9	80	5	5
9	91	7	5

Table3.xlsx

< 9	81	6	4
< 9	94	7	5
< 9	88	< 4	5
< 9	76	15	3
< 9	70	< 4	3
< 9	70	5	3
< 9	47	8	3
11	46	7	2
< 9	60	14	2
< 9	69	16	3
< 9	63	4	3
< 9	66	12	2
< 9	58	58	3
< 9	64	12	4
< 9	62	7	5
12	49	10	4
10	45	9	4
12	48	9	4
< 9	35	6	4
< 9	45	5	3
< 9	27	10	4
< 9	26	13	4
39	107	16	5
53	171	22	6
25	65	15	8
9	23	9	6
< 9	19	9	4
12	14	8	4
< 9	14	8	4
10	14	6	4
< 9	16	6	4
11	19	9	5
< 9	18	7	4
< 9	17	8	4
11	15	9	5
11	16	9	4
15	19	8	3
13	19	8	3
11	20	8	4
15	19	8	6
16	18	9	4
13	18	7	4
11	16	6	3

Table3.xlsx

11	29	30	4
9	18	5	3
< 9	18	21	< 2
< 9	19	5	< 2
< 9	27	7	< 2
14	22	6	< 2
15	23	6	< 2
12	25	7	< 2
10	29	8	< 2
11	27	6	< 2
13	29	8	< 2
18	35	8	< 2
15	30	6	< 2
14	20	7	< 2
< 9	21	7	< 2
< 9	21	11	5
11	27	11	4
< 9	28	8	2
16	27	8	< 2
< 9	86	7	4
< 9	79	6	2
< 9	51	6	< 2
< 9	74	5	< 2
< 9	67	5	2
< 9	67	5	< 2
< 9	72	6	< 2
< 9	77	< 4	2
< 9	50	4	< 2
< 9	92	6	< 2
< 9	62	9	3
< 9	58	10	3
< 9	67	8	4
< 9	63	7	4
10	55	10	4
11	53	11	4
12	44	11	5
10	52	9	5
11	39	10	5
< 9	37	9	3
< 9	44	9	5
< 9	34	7	4
< 9	24	8	3
< 9	23	7	3

Table3.xlsx

< 9	25	8	4
< 9	26	8	5
10	25	8	6
< 9	21	8	7
12	25	7	6
15	22	10	5
12	19	7	5
12	26	6	5
15	28	7	3
16	18	10	4
12	20	5	4
< 9	19	5	4
11	21	6	4
13	21	13	5
13	22	7	3
11	23	8	3
INS	INS	INS	INS
12	17	8	2
19	20	7	3
14	25	9	5
16	22	8	4
12	36	6	3
15	23	7	4
13	23	8	3
< 9	16	5	< 2
17	22	6	3
19	22	6	3
19	23	6	3
14	24	7	3
10	20	< 4	2
9	24	< 4	< 2
15	36	6	< 2
15	35	7	< 2
16	36	7	2
9	35	6	2
16	26	11	4
12	21	6	3
22	27	9	3
24	32	7	< 2
13	30	9	< 2

Table3.xlsx

Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES
5	2	40	6
50,000	15,000	50,000	50,000
Sn ppm	Sr ppm	Ta ppm	Th ppm
< 5	58	< 40	< 6
< 5	59	< 40	< 6
< 5	49	< 40	< 6
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Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES	Mixed acid 40 Element ICP-AES
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Table3.xlsx

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Table3.xlsx

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Table3.xlsx

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Table3.xlsx

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Table3.xlsx

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Table3.xlsx

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Table3.xlsx

Mixed acid 40 Element ICP-AES	HGAAS Te	HGAAS Te	Continuous flow Optima MS
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15,000		15,000	
Zn ppm	Te Lab #	Te ppm	$\delta^{34}\text{S}$ in ‰ vs. VCDT
124	C-274512	<0.1	-3.3
109	C-274513	<0.1	-9.1
76	C-274514	<0.1	-2.8
67	C-274515	<0.1	4.4
861	C-274516	0.2	9.5
94	C-274517	<0.1	12.1
92	C-274518	0.1	8.5
127	C-274519	<0.1	8.5
128	C-274520	<0.1	4.5
167	C-274521	<0.1	9.7
118	C-274522	<0.1	9.5
84	C-274523	<0.1	9.6
110	C-274524	<0.1	8.2
82	C-274525	<0.1	8.5
83	C-274526	<0.1	6.4
77	C-274527	<0.1	5.3
75	C-274528	<0.1	7.3
INS	C-274529	<0.1	7.4
82	C-274530	<0.1	6.8
92	C-274531	<0.1	5.7
64	C-274532	<0.1	4.1
102	C-274533	<0.1	-2.1
154	C-274534	0.1	0.4
48	C-274535	0.2	7.1
17	C-274536	<0.1	-2.5
18	C-274537	<0.1	-2.0
65	C-274538	<0.1	-2.3
72	C-274539	<0.1	-0.7
22	C-274540	<0.1	-3.8
36	C-274541	<0.1	-1.6
15	C-274542	<0.1	-3.7
33	C-274543	<0.1	-2.1
16	C-274544	<0.1	-5.8
29	C-274545	<0.1	-4.2

Table3.xlsx

32	C-274546	<0.1	-5.4
61	C-274547	<0.1	-4.4
38	C-274548	<0.1	-4.3
32	C-274549	<0.1	-1.3
54	C-274550	<0.1	-1.7
38	C-274551	<0.1	-5.4
35	C-274552	<0.1	-6.8
53	C-274553	<0.1	-7.2
30	C-274554	<0.1	-6.9
31	C-274555	<0.1	-11.0
15	C-274556	<0.1	-7.4
27	C-274557	<0.1	-5.4
28	C-274558	<0.1	-8.7
25	C-274559	<0.1	-5.8
34	C-274560	<0.1	-7.0
44	C-274561	<0.1	-6.0
28	C-274562	<0.1	-8.0
12	C-274563	<0.1	-7.2
25	C-274564	<0.1	9.2
73	C-274565	<0.1	8.7
668	C-274566	<0.1	13.1
547	C-274567	<0.1	13.7
444	C-274568	<0.1	13.6
708	C-274569	<0.1	15.5
394	C-274570	<0.1	14.1
208	C-274571	<0.1	13.5
257	C-274572	<0.1	12.9
177	C-274573	<0.1	12.7
298	C-274574	<0.1	13.8
328	C-274575	<0.1	12.4
222	C-274576	<0.1	12.7
140	C-274577	<0.1	10.3
112	C-274578	<0.1	7.5
60	C-274579	<0.1	13.8
57	C-274580	<0.1	14.8
49	C-274581	<0.1	11.0
43	C-274582	<0.1	13.8
57	C-274583	<0.1	14.3
44	C-274584	<0.1	14.0
42	C-274585	<0.1	13.6
31	C-274586	<0.1	13.2
59	C-274587	<0.1	14.0
62	C-274588	<0.1	14.1

Table3.xlsx

122	C-274589	<0.1	14.4
90	C-274590	<0.1	13.0
81	C-274591	<0.1	13.5
60	C-274592	<0.1	11.3
86	C-274593	<0.1	12.3
66	C-274594	<0.1	11.2
88	C-274595	<0.1	11.7
68	C-274596	<0.1	12.1
103	C-274597	<0.1	12.1
86	C-274598	<0.1	9.4
77	C-274599	<0.1	7.6
126	C-274600	<0.1	7.1
95	C-274601	<0.1	2.5
50	C-274602	<0.1	-1.2
57	C-274603	<0.1	1.3
43	C-274604	<0.1	-1.4
28	C-274605	<0.1	-1.3
70	C-274606	<0.1	-1.8
21	C-274607	<0.1	-4.6
83	C-274608	<0.1	-1.7
56	C-274609	<0.1	-1.4
23	C-274610	<0.1	-2.1
53	C-274611	<0.1	-1.3
33	C-274622	<0.1	-1.7
21	C-274623	<0.1	-2.9
176	C-274624	<0.1	-3.8
33	C-274625	<0.1	-2.1
43	C-274626	<0.1	-2.9
66	C-274627	<0.1	-0.4
41	C-274628	<0.1	-5.8
77	C-274629	<0.1	-4.0
53	C-274630	<0.1	-3.6
50	C-274631	<0.1	-4.0
71	C-274632	<0.1	-4.1
30	C-274633	<0.1	-5.7
56	C-274634	<0.1	-5.7
56	C-274635	<0.1	-6.9
42	C-274636	<0.1	-3.5
41	C-274637	<0.1	3.3
33	C-274638	<0.1	-6.7
26	C-274639	<0.1	-7.9
44	C-274640	<0.1	-10.6
43	C-274641	<0.1	-12.3

Table3.xlsx

33	C-274642	<0.1	-9.4
72	C-274643	<0.1	-9.5
96	C-274644	<0.1	-14.2
73	C-274645	<0.1	-16.4
3430	C-274646	<0.1	-1.2
2750	C-274647	<0.1	-2.2
3210	C-274648	<0.1	-1.8
3450	C-274649	<0.1	-1.1
2490	C-274650	0.1	0.2
2100	C-274651	<0.1	0.5
2260	C-274652	<0.1	0.2
2000	C-274653	0.1	1.4
1260	C-274654	<0.1	-0.4
536	C-274655	0.1	-2.4
326	C-274656	<0.1	-4.0
335	C-274657	<0.1	-2.9
266	C-274658	<0.1	-1.8
160	C-274659	<0.1	-1.4
187	C-274660	<0.1	-3.3
209	C-274661	<0.1	-2.3
195	C-274662	<0.1	-2.1
90	C-274663	<0.1	-1.1
230	C-274664	<0.1	-3.0
89	C-274665	<0.1	-4.7
258	C-274666	<0.1	-3.9
57	C-274667	<0.1	-5.3
194	C-274668	<0.1	-4.1
267	C-274669	<0.1	-3.6
24	C-274670	<0.1	-6.2
20	C-274671	<0.1	-3.5
19	C-274677	<0.1	-8.3
18	C-274678	<0.1	-8.4
35	C-274679	0.1	-6.8
26	C-274680	<0.1	-2.4
100	C-274681	<0.1	-2.7
29	C-274682	<0.1	0.6
63	C-274683	<0.1	-1.0
28	C-274684	<0.1	-4.9
49	C-274685	<0.1	-4.0
22	C-274686	<0.1	-5.4
31	C-274687	<0.1	-0.7
31	C-274688	<0.1	-1.7
42	C-274689	0.1	-1.6

Table3.xlsx

59	C-274690	<0.1	-2.4
65	C-274691	<0.1	1
63	C-274692	<0.1	4
58	C-274693	0.8	6.8
82	C-274694	0.2	6.8
55	C-274695	<0.1	-5.5
49	C-274696	0.1	1.6
29	C-274697	<0.1	-1.6
70	C-274698	<0.1	-1.5
46	C-274699	<0.1	-1.1
39	C-274700	<0.1	2.4
19	C-274701	<0.1	4.2
18	C-274702	<0.1	3.0
20	C-274703	<0.1	3.6
34	C-274704	<0.1	2.8
15	C-274705	<0.1	3.6
118	C-274706	<0.1	5.3
791	C-274707	<0.1	12.0
393	C-274708	<0.1	12.1
476	C-274709	0.1	12.4
482	C-274710	<0.1	12.2
549	C-274711	<0.1	11.8
437	C-274712	<0.1	9.4
192	C-274713	<0.1	10.4
412	C-274714	<0.1	12.7
358	C-274715	<0.1	11.8
187	C-274716	<0.1	10.4
380	C-274717	<0.1	9.4
82	C-274718	<0.1	10.1
65	C-274719	<0.1	11.2
75	C-274720	<0.1	11.4
60	C-274721	<0.1	12.3
42	C-274722	0.2	-7.2
44	C-274723	<0.1	13.0
68	C-274724	0.1	12.4
67	C-274725	0.2	13.2
95	C-274726	<0.1	12.4
514	C-274771	<0.1	15.4
335	C-274732	<0.1	13.8
600	C-274733	<0.1	16.0
353	C-274734	<0.1	15.9
361	C-274735	<0.1	15.4
496	C-274736	<0.1	15.9

Table3.xlsx

391	C-274737	0.1	15.1
505	C-274738	0.1	15.5
283	C-274739	<0.1	14.5
164	C-274740	0.3	12.1
135	C-274741	<0.1	3.6
120	C-274742	<0.1	12.2
68	C-274743	<0.1	13.4
86	C-274744	0.1	3.2
65	C-274745	0.1	2.6
87	C-274746	<0.1	11.2
55	C-274747	0.1	13.4
71	C-274748	0.2	7.9
162	C-274749	<0.1	7.8
136	C-274750	0.1	6.7
136	C-274751	0.2	9.8
110	C-274752	<0.1	8.7
99	C-274753	0.1	9.4
119	C-274754	0.2	8.6
126	C-274755	0.1	7.4
128	C-274756	0.1	8.0
64	C-274757	0.2	8.6
83	C-274758	0.2	5.3
60	C-274759	<0.1	5.7
107	C-274760	0.2	4.6
35	C-274761	0.1	3.2
96	C-274762	0.1	1.3
32	C-274763	0.2	2.3
16	C-274764	0.1	-1.2
49	C-274765	<0.1	-0.9
39	C-274766	0.1	-0.4
17	C-274767	0.2	-0.8
37	C-274768	<0.1	-0.9
86	C-274769	<0.1	0.5
29	C-274770	0.2	5.2
23	C-274772	<0.1	-0.1
29	C-274773	<0.1	-5.1
65	C-274774	<0.1	-10.0
32	C-274775	<0.1	-6.7
29	C-274776	<0.1	-5.4
76	C-274777	<0.1	-4.7
28	C-274778	0.2	-3.2
19	C-274779	0.5	-0.6
58	C-274780	0.1	-4.2

Table3.xlsx

34	C-274781	<0.1	-5.1
38	C-274787	0.8	-2.4
23	C-274788	0.4	-3.1
26	C-274789	0.2	-1.5
35	C-274790	0.3	-2.7
32	C-274791	0.3	-3.7
40	C-274792	0.4	-4.3
31	C-274793	0.3	-5.1
63	C-274794	0.2	-7.0
49	C-274795	0.3	-7.4
46	C-274796	0.2	-8.8
81	C-274797	0.2	0.3
69	C-274798	<0.1	-2.9
30	C-274799	0.2	-0.7
32	C-274800	<0.1	-3.5
45	C-274801	<0.1	-2.9
63	C-274802	<0.1	-4.7
64	C-274803	<0.1	-4.2
83	C-274804	<0.1	-5.5
182	C-274805	<0.1	6.3
141	C-274806	<0.1	3.9
57	C-274807	<0.1	5.4
95	C-274808	<0.1	9.7
65	C-274809	<0.1	9.5
51	C-274810	<0.1	8.9
86	C-274811	<0.1	9.7
75	C-274812	<0.1	8.6
52	C-274813	<0.1	8.0
75	C-274814	<0.1	7.4
93	C-274815	<0.1	7.8
103	C-274816	<0.1	7.3
145	C-274817	<0.1	9.1
122	C-274818	<0.1	8.2
107	C-274819	<0.1	7.1
101	C-274820	<0.1	7.0
86	C-274821	<0.1	7.2
104	C-274822	<0.1	8.3
91	C-274823	<0.1	6.7
80	C-274824	<0.1	3.5
157	C-274825	<0.1	5.3
60	C-274826	0.2	5.4
34	C-274827	<0.1	-3.1
52	C-274828	<0.1	-2.6

Table3.xlsx

57	C-274829	<0.1	-1.7
67	C-274830	<0.1	-1.4
80	C-274831	<0.1	-1.3
21	C-274832	<0.1	-3.8
45	C-274833	<0.1	-2.7
22	C-274834	<0.1	-3.4
24	C-274835	<0.1	-4.8
45	C-274836	<0.1	-2.3
116	C-274842	<0.1	1.8
235	C-274843	<0.1	-0.8
65	C-274844	<0.1	-0.1
104	C-274845	<0.1	-0.5
19	C-274846	<0.1	-0.9
54	C-274847	<0.1	-0.5
200	C-274848	<0.1	-4.0
44	C-274849	<0.1	-4.3
INS	C-274851	<0.1	-4
27	C-274852	<0.1	-3.2
37	C-274853	<0.1	-4.4
75	C-274854	<0.1	-2.4
32	C-274855	<0.1	-2.5
43	C-274856	<0.1	-6.2
43	C-274857	<0.1	-3.4
66	C-274858	0.1	-6.2
18	C-274859	<0.1	-3.9
37	C-274860	<0.1	-4.4
64	C-274861	<0.1	-8.2
47	C-274862	<0.1	-8.3
42	C-274863	<0.1	-12.1
24	C-274864	<0.1	-8.9
30	C-274865	<0.1	-3.1
58	C-274866	<0.1	-11.2
69	C-274867	<0.1	-11.4
82	C-274868	<0.1	-13.4
76	C-274869	<0.1	-0.3
57	C-274870	<0.1	-10.1
60	C-274871	<0.1	-6.5
89	C-274872	<0.1	-4.0
100	C-274873	<0.1	-2.8
66	C-274842	<0.1	-11.8

Phosphoric acid digestion CO2 MAT252 MS	Phosphoric acid digestion CO2 MAT252 MS
$\delta^{13}\text{C}$ in ‰ vs. VPDB	$\delta^{18}\text{O}$ in ‰ vs. VSMOW
0.4	25.9
0.3	23.5
-0.2	22.2
0.4	22.3
-0.2	23.6
-1.1	25.1
0.6	21.9

Table3.xlsx

0.2	22.6
0.4	21.7
0.8	19.5
-0.1	21.0
1.6	14.0
0.5	26.0
0.3	24.1
0.1	24.5
0.6	24.1
0.3	24.2

Table3.xlsx

0.8	19.7
0.1	23.8
-0.8	24.3
-0.1	24.6
-0.2	25.0
0.0	24.4
0.3	22.7
0.7	19.2
0.4	22.4
0.3	22.1

Table3.xlsx

0.8	18.9
-2.0	25.1
-1.7	25.4
-1.4	23.9
-1.6	25.7
-1.0	26.7
-0.4	26.5
-0.6	25.0
0.4	26.8
1.1	25.0
1.2	24.6

Table3.xlsx

1.1	24.5
0.5	24.4
1.8	23.5
1.2	19.1
0.7	25.9
0.8	26.1
0.8	23.7
0.8	8.6
0.4	8.9
0.3	20.2
-0.5	21.1

Table3.xlsx

1.1	14.7
0.7	16.9
0.1	19.8
0.0	16.4
-0.2	17.0
0.0	16.5
0.2	17.6
1.0	21.1
0.3	22.2

Table3.xlsx

0.3	24.2
0.3	24.3
0.1	23.0
1.5	21.2
0.3	24.7
0.2	25.9
0.3	26.5
0.0	25.6
-0.7	24.8
-0.3	24.2
0.0	22.6

Table3.xlsx

0.3	21.1
0.9	20.6
0.8	17.5
1.3	19.6
1.4	19.3
0.9	18.1
1.7	19.8
1.9	19.2
1.8	16.8
2.0	18.0