Domain	SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	ELEMENT	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Sc	Sn	W
d201	MB-02-QFG-047	24.2	42.2	4.36	15.1	2.9	0.59	1.98	0.29	1.28	0.18	0.47	0.05	0.29	0.06	7.2	1.4	11	14	2.8	< .5	< .1	< .1	< .1	< .1	0.7	< .01	< .1	2	< 1	0.7
d201	MB-02-QFG-115	6.7	11.6	1.32	5.9	1.8	0.61	1.74	0.25	1.77	0.38	1.23	0.17	1.04	0.21	5.9	1	6.1	4	1.8	< .5	< .1	< .1	< .1	< .1	< .5	< .01	< .1	< 1	< 1	0.9
d201	MB-02-QFG-116	23	44.3	4.25	16.2	3.1	0.64	2.13	0.22	1.18	0.15	0.43	< .05	0.33	0.05	7.4	6.3	8.7	8	5.4	< .5	< .1	< .1	< .1	< .1	1.1	< .01	< .1	1	1	1.3
d201	MB-02-QFG-117	45.9	88.9	8.67	33.1	7.2	1.19	4.31	0.68	4	0.73	1.68	0.33	1.11	0.17	9.5	1.7	10.2	4	5.5	< .5	< .1	< .1	< .1	< .1	< .5	< .01	< .1	1	< 1	2.5
d201	MB-02-QFG-118	15.2	26.5	2.87	10.9	3.3	0.52	1.97	0.23	1.26	0.23	0.51	< .05	0.35	0.03	7.7	3.5	7.3	4	4.7	< .5	< .1	< .1	< .1	< .1	< .5	< .01	< .1	1	< 1	0.6
d201	RE MB-02-QFG-118	13.9	25.1	2.71	10.9	2.8	0.5	1.92	0.19	0.98	0.19	0.47	< .05	0.28	0.06	7.9	3.3	6.7	3	5	< .5	< .1	< .1	< .1	< .1	< .5	< .01	< .1	1	< 1	0.6
d201	MB-02-QFG-137/115	6.7	11	1.38	5.4	1.6	0.51	1.54	0.29	1.85	0.44	1.27	0.18	1.17	0.22	6	1.3	6	3	2.3	< .5	< .1	< .1	< .1	< .1	1.1	< .01	< .1	< 1	1	< .1
d202	MB-02-BG-110	57.6	101.4	10.22	37.8	6.6	1.35	4.7	0.51	2.83	0.48	1.19	0.19	1.15	0.17	4.4	1.3	11.7	8	8.7	< .5	< .1	< .1	0.2	< .1	1.4	< .01	< .1	4	1	1.3
d202	MB-02-BG-111	45.4	83.6	8.34	30.1	5	1.64	3.76	0.55	2.99	0.66	1.82	0.25	1.46	0.28	2.5	1	7.3	4	5.8	< .5	< .1	< .1	0.1	< .1	0.9	< .01	< .1	4	2	0.1
d202	MB-02-BG-112	70.5	128.4	12.89	51.3	9.2	1.71	6.05	0.78	3.95	0.68	1.87	0.33	2.6	0.49	5	1.1	9.4	5	6.1	< .5	< .1	< .1	0.3	< .1	1.1	0.01	< .1	4	2	0.2
d202	MB-02-BG-113	57.2	101.5	10.05	38.3	7.1	1.73	4.58	0.62	3.23	0.67	1.95	0.3	1.7	0.28	2.6	2.1	10.6	5	6.4	< .5	< .1	< .1	0.4	< .1	1.2	< .01	< .1	3	2	0.1
d202	MB-02-BG-114	50.1	87.1	8.88	33	6.2	1.45	4.25	0.74	3.46	0.75	2.09	0.32	1.94	0.32	6.6	1.1	7.5	4	3.9	< .5	< .1	< .1	0.4	< .1	0.7	< .01	< .1	3	1	0.6
d202	MB-02-QFG-136/110	54.2	93.6	9.42	33.6	6.5	1.35	4.27	0.52	2.4	0.44	1.2	0.16	1.24	0.2	4.4	1.6	12.2	9	8.9	< .5	< .1	< .1	0.2	< .1	2.1	< .01	< .1	4	4	0.2
d203	MB-02-BG-042	12.8	22.8	2.45	8.8	2.3	0.45	1.65	0.24	0.9	0.19	0.33	0.07	0.37	0.03	1.9	2.2	7.4	3	5.6	< .5	< .1	< .1	< .1	< .1	0.6	< .01	< .1	1	< 1	0.6
d401	MB-02-BG-124	16.7	29	3.14	12.3	2.9	0.79	2.41	0.44	2.8	0.69	1.83	0.29	1.63	0.18	7.1	1.2	5	9	3.8	< .5	< .1	< .1	< .1	< .1	< .5	< .01	< .1	1	< 1	0.6
d401	MB-02-BG-125	26.5	46.5	4.6	17	2.6	1.28	1.36	0.19	1.2	0.24	0.81	0.13	0.82	0.14	2.2	1.6	8.4	20	5.6	< .5	< .1	0.1	< .1	< .1	0.6	< .01	< .1	2	< 1	1
d401	MB-02-BG-126	15.4	28.8	2.72	10.6	2.2	0.78	1.27	0.23	1.67	0.39	0.91	0.12	0.94	0.13	2.7	1.5	6.6	11	4.6	< .5	< .1	< .1	< .1	< .1	1.6	< .01	< .1	3	< 1	0.4
d401	MB-02-BG-127	61.9	106.1	9.74	35.8	7.1	0.75	3.67	0.59	2.65	0.45	1.09	0.13	0.82	0.13	4.7	1.8	14.7	24	3.3	< .5	< .1	< .1	< .1	< .1	3	< .01	< .1	2	1	0.7
d401	MB-02-BG-128	49.9	88.3	8.53	32.3	6.7	0.67	4.19	0.68	3.11	0.58	1.51	0.19	1.27	0.23	2.7	1.4	13.8	13	4.5	0.7	0.1	0.1	0.1	< .1	4.2	< .01	< .1	1	< 1	1
d402	MB-02-QFG-051	63.1	140.3	18.63	77.1	14.7	4.26	8.78	1.1	5.11	0.85	1.76	0.26	1.58	0.22	4.7	1.1	10.5	9	1.6	< .5	< .1	< .1	< .1	< .1	1.6	< .01	< .1	17	1	1.1
d403	MB-02-QFG-129	12	34.3	2.94	12.2	2.5	0.47	1.4	0.25	0.72	0.11	0.3	< .05	0.26	0.04	2.3	1.7	7.4	5	5.7	< .5	< .1	< .1	< .1	< .1	< .5	< .01	< .1	1	< 1	0.4
d403	MB-02-QFG-130	1.7	3.6	0.39	2.2	1	0.49	0.79	0.12	0.62	0.12	0.51	< .05	0.26	0.06	8	17.9	5.1	7	7.2	< .5	< .1	< .1	< .1	< .1	1	< .01	< .1	1	< 1	1
d403	MB-02-QFG-131	8.7	16.2	1.71	7.8	2.1	0.42	1.19	0.22	1.14	0.28	0.68	0.08	0.55	0.09	2.5	0.9	5.5	6	4.1	< .5	< .1	< .1	< .1	< .1	0.6	< .01	< .1	1	< 1	0.6
d403	MB-02-QFG-132	15.7	29.3	3.34	12.2	2.5	0.47	1.68	0.25	1.26	0.21	0.64	0.07	0.52	0.08	1.2	0.8	5.3	6	4	< .5	< .1	< .1	< .1	< .1	< .5	< .01	< .1	< 1	< 1	0.3
gr01	MB-02-QFG-040	27.5	43.6	4.33	16.2	2.6	0.68	1.52	0.19	1.11	0.2	0.39	0.09	0.51	0.07	2.1	1.2	0.8	3	2.2	< .5	< .1	< .1	0.1	< .1	< .5	< .01	< .1	2	1	0.8
gr01	MB-02-QFG-105	7.9	13.2	1.42	5.2	1.4	0.48	1.24	0.16	1.49	0.31	0.76	0.13	0.97	0.2	0.9	1.2	2.3	5	2.3	< .5	< .1	< .1	< .1	< .1	1.4	< .01	< .1	18	3	< .1
gr01	MB-02-QFG-106	6.4	10.2	0.95	4.1	0.9	0.4	0.96	0.09	0.95	0.25	0.53	0.12	0.55	0.09	1.2	1	1.2	5	2.3	< .5	< .1	< .1	< .1	< .1	0.7	< .01	< .1	1	< 1	< .1
gr01	MB-02-QFG-107	5.2	6.5	0.94	3.3	0.9	0.38	0.79	0.06	0.92	0.17	0.46	0.07	0.38	0.07	0.8	2.5	1.2	5	2.5	< .5	< .1	< .1	< .1	< .1	0.5	< .01	< .1	1	< 1	< .1
gr01	MB-02-QFG-108	3.4	4	0.46	1.9	0.3	0.26	0.46	< .01	0.27	0.07	0.14	< .05	0.19	0.02	1.1	0.7	1.3	2	1.3	< .5	< .1	< .1	< .1	< .1	1.4	< .01	< .1	< 1	< 1	0.5
gr01	MB-02-QFG-109	3.7	6.1	0.67	2.8	0.9	0.31	0.96	0.11	1.11	0.24	0.58	0.1	0.47	0.07	1.1	1.5	1.2	4	2.3	< .5	< .1	< .1	< .1	< .1	0.9	< .01	< .1	1	< 1	< .1
gr02	MB-02-QFG-101	41	51	7.1	30.5	5.5	1.11	3.86	0.56	3.21	0.54	1.36	0.2	1.15	0.22	3.4	5	2.2	16	18	< .5	< .1	< .1	< .1	< .1	< .5	< .01	0.1	2	< 1	0.5
gr02	MB-02-QFG-102	24.4	35.9	4.33	17.1	3.3	0.72	2.21	0.39	1.6	0.3	0.75	0.11	0.65	0.16	3.3	6.4	2.5	24	7.8	< .5	0.1	< .1	< .1	< .1	1.8	< .01	0.1	2	1	0.3
gr02	MB-02-QFG-103	28	38.6	4.47	18.1	3	0.65	1.71	0.21	1.17	0.3	0.75	0.1	0.85	0.14	3.7	7.5	1.7	42	11.1	< .5	< .1	< .1	< .1	< .1	6.2	< .01	0.2	2	1	0.2
gr02	MB-02-QFG-104	21.8	36.7	3.61	14.4	2.3	0.64	1.95	0.22	1.25	0.23	0.55	0.08	0.57	0.09	4.7	3.9	1.9	38	10	< .5	< .1	< .1	< .1	< .1	8	0.01	0.1	1	< 1	0.5
gr03	MB-02-QFG-119	9.1	18.8	1.85	7.4	1.9	0.52	1.48	0.22	1.25	0.23	0.56	0.07	0.41	0.06	6.4	14.2	17.4	3	6.4	< .5	< .1	0.1	< .1	< .1	0.9	0.01	< .1	1	< 1	0.3
gr03	MB-02-QFG-120	5.3	8.5	1	4.2	1.4	0.38	1.47	0.31	2.67	0.7	2.14	0.38	2.56	0.39	3.6	1.5	3.2	2	5.3	< .5	< .1	0.1	< .1	< .1	< .5	< .01	< .1	< 1	< 1	0.4
gr03	MB-02-QFG-121	7.9	11.6	1.5	6	1.7	0.27	1.39	0.3	1.61	0.36	0.95	0.13	1.13	0.17	1.3	2.3	4.6	2	7.9	< .5	< .1	< .1	< .1	< .1	< .5	< .01	< .1	2	< 1	0.2
gr03	MB-02-QFG-122	5.1	11.9	1.13	4.3	1.8	0.37	1.07	0.26	1.75	0.4	1.17	0.14	0.89	0.25	2	14.9	6	2	3.5	< .5	< .1	< .1	< .1	< .1	0.9	< .01	< .1	1	< 1	0.3
gr03	MB-02-QFG-123	10	20.9	2.07	8.1	2	0.6	1.58	0.28	1.75	0.34	0.85	0.13	0.7	0.09	1	2.5	5.3	3	5.1	< .5	< .1	< .1	< .1	< .1	0.5	< .01	< .1	1	< 1	0.3
ms01a	MB-02-QFG-069	116.2	205.8	24.79	99.4	25	2.36	23.37	4.39	29.49	5.81	15.94	2.62	16.1	2.54	13.8	3.2	11	13	3.7	1	0.1	0.1	< .1	< .1	2.6	< .01	< .1	4	4	2.2
ms01a	MB-02-QFG-070	96.1	186.7	20.61	81.1	21.3	2.41	19.55	3.78	25.86	5.47	14.7	2.53	15.53	2.35	11.2	2.4	11.4	17	6.4	1.4	< .1	< .1	< .1	< .1	3.5	< .01	< .1	1	5	2.1
ms01a	MB-02-QFG-071	68	160.4	15.79	61.9	14.7	2.3	13.76	2.77	19.2	4.21	12.18	2.05	12.9	1.96	13.2	2.9	12.5	28	11	1.1	0.1	< .1	< .1	< .1	2.2	< .01	< .1	3	3	2.4
ms01a	MB-02-QFG-072	125.3	217.9	27.28	110.1	26.2	2.65	24.52	4.8	30.83	6.19	16.51	2.65	16.54	2.48	13.8	7.1	13.3	31	3.1	1.4	0.1	< .1	< .1	< .1	3.1	< .01	< .1	4	3	2.1
ms01a	MB-02-QFG-073	116.8	206.7	24.98	102.5	24	2.72	24.12	4.59	30.42	6.32	17.26	2.8	17.3	2.75	14.2	3.5	10.8	26	3.7	1.1	< .1	0.1	< .1	< .1	1.9	< .01	< .1	3	4	2.6
ms01a	MB-02-QFG-074	97.5	173.8	21.23	84.9	20.8	2.4	20.81	3.93	27.2	5.83	16.15	2.67	16.63	2.5	11.6	2.3	10.3	26	2.8	1.3	< .1	< .1	< .1	< .1	2.3	< .01	< .1	1	3	2.2
ms01a	MB-02-QFG-075	85.2	164.6	19.98	81.8	20.3	2.57	21.82	4.1	28.35	5.89	16.35	2.56	17.05	2.46	13.4	2.7	13.1	14	5.2	0.9	< .1	< .1	< .1	< .1	2.2	< .01	< .1	4	3	2.5
ms01a	RE MB-02-QFG-075	85.6	164.2	20.49	86.1	21.1	2.63	21.65	4.03	27.87	5.64	16.12	2.61	16.04	2.47	13.8	2.5	13.2	14	6	1	< .1	< .1	< .1	< .1	1.2	< .01	< .1	3	3	2.4
ms01a	MB-02-QFG-134/073	110.5	225	24	102.5	22.8	2.6	23.75	4.37	27.85	6.24	17.45	2.72	16.97	2.56	14	3.1	11.6	27	4.1	1.1	< .1	< .1	< .1	< .1	2.4	< .01	< .1	1	4	2.5
ms01b	MB-02-QFG-076	10.9	13.9	1.77	7.4	2.2	0.45	2.42	0.46	3.06	0.54	1.67	0.22	1.5	0.19	3.4	1.9	2.6	4	4.1	< .5	< .1	< .1	< .1	< .1	< .5	< .01	< .1	< 1	< 1	1.1
ms01c	MB-02-QFG-077	15.7	28.2	3.23	12.4	3.4	0.43	2.78	0.46	2.79	0.58	1.87	0.3	2.22	0.34	6.4	7	7.4	3	8.2	< .5	< .1	< .1	< .1	< .1	0.7	0.01	< .1	3	< 1	0.9
ms01c	MB-02-QFG-078	9.5	15.8	1.9	7.7	1.8	0.43	1.68	0.27	1.71	0.4	1.34	0.29	1.79	0.32	4.1	6.6	6.8	3	8.4	< .5	< .1	< .1	< .1	< .1	0.6	< .01	< .1	2	< 1	0.8
ms01c	MB-02-QFG-079	4	6.1	0.56	3	0.5	0.44	0.68	0.1	0.89	0.21	0.87	0.16	1.22	0.21	8.9	5.3	7.5	2	7	< .5	< .1	< .1	< .1	< .1	3	< .01	< .1	1	< 1	1
ms02	MB-02-QFGw-080	12	21.1	2.64	11.3	3.3	0.31	3.76	0.69	4.04	0.7	1.96	0.31	1.89	0.29	2.5	5.4	10.3	24	10.3	< .5	0.1	< .1	< .1	< .1	1.2	< .01	0.1	4	5	0.7
ms02	MB-02-QFGw-081	31.2	52.1	5.59	20.8	5.2	0.54	5.46	0.81	3.97	0.56	1.33	0.15	0.73	0.44	2.8	2.2	7.9	49	4.9	0.5	< .1	< .1	< .1	< .1	2.2	< .01	0.2	3	5	1.1
ms02	MB-02-QFGw-087	34.2	56	5.88	20.5	4.9	0.36	4.04	0.65	3.92	0.67	1.59	0.24	1.57	0.22	1.8	1.9	6.4	56	4.5	< .5	< .1	< .1	< .1	< .1	1.9	0.01	0.2	5	9	0.7
ms02	MB-02-QFG-135/081	30.5	53.4	5.52	19	5.2	0.55	5.8	0.94	4.14	0.63	1.24	0.16	0.86	0.12	3.3	2.1	7.9	49	4.7	0.9	< .1	< .1	< .1	< .1	3.7	< .01	0.2	2	8	0.5
ms03	MB-02-QFGu-082	9.5	16.1	2.03	8.4	2.6	0.25	1.93	0.28	1.53	0.25	0.62	0.1	0.57	0.09	10.7	2	5.5	4	4	< .5	< .1	0.1	< .1	< .1	3.1	< .01	< .1	1	2	1.1
ms03	MB-02-QFGu-083	3.8	5.2	0.47	2.2	0.9	0.26	1.1	0.25	1.76	0.33	1.13	0.17	1.17	0.15	6.6	24.8	5.7	6	3.9	0.5	< .1	< .1	< .1	< .1	1	< .01	< .1	1	3	1
ms03	MB-02-QFGu-084	13	21.6	2.52	10.3	2.6	0.29	2.55	0.48	2.65	0.54	1.38	0.19	1.24	0.19	8.6	1.5	5.1	29	3	< .5	< .1	0.1	< .1	< .1	1.8	0.03	< .1	3	6	1.3
ms03	MB-02-QFGu-085	6.7	9.9	1.1	4.5	2.1	0.12	2.15	0.46	3.16	0.76	2.12	0.24	1.85	0.26	7.8	1.4	3.7	4	3.4	< .5	< .1	< .1	< .1	< .1	6.3	< .01	< .1	4	6	1.5
ms03	MB-02-QFGu-086	2.8	4.3	0.24	2.2	0.6	0.25	0.82	0.21	1.96	0.59	2.17	0.35	2.62	0.43	10.8	1.9	4.3	6	4.3	< .5	< .1	< .1	< .1	< .1	2.3	< .01	< .1	4	3	1.4
ms04	MB-02-QFGb-088	14.6	25.6	2.75	12.5	4.2	0.34	3.5	0.57	3.65	0.77	2.36	0.4	2.62	0.43	6.7	2.3	4.3	10	3.5	< .5	< .1	< .1	0.1	< .1	0.9	< .01	< .1	5	4	0.9
ms04	MB-02-QFGb-089	15.9	27.1	2.91	11.9	3.3	0.42	3.79	0.74	4.34	0.91	3.02	0.45	3.06	0.49	10.8	2.3	6.4	16	6.5	0.7	0.1	< .1	< .1	< .1	1.5	< .01	0.1	4	5	1.4
ms04	MB-02-QFGb-090	5.7	9.6	0.96	5.4	1.5	0.21	1.94	0.45	3.3	0.73	2.27	0.34	2.27	0.32	2.7	3	4.9	4	3.5	< .5	< .1	0.1	< .1	< .1	2.7	< .01	< .1	2	4	0.9
ms04	MB-02-QFGb-091	17.9	29.4	2.94	12.6	3	0.25	3.26	0.71	3.37	0.52	1.23	0.19	1.02	0.16	4.1	2.4	6.5	39	5.2	< .5	< .1	< .1	< .1	< .1	1.4	< .01	0.1	3	9	1.1
ms04	MB-02-QFGb-092	17	28.1	2.93	11.2	2.7	0.39	2.17	0.45	3.04	0.65	1.78	0.33	2.01	0.36	9.5	4.4	7.6	29	4.8	< .5	< .1	< .1	< .1	< .1	1	< .01	0.2	3	2	1.4