

line_id	sample_id	distance (m)	P	S	Cl	K	Ca	Ti	V	Cr	Mn	Fe	Co
BFX18GTP-001	1598501	0	-1	-1	896	13234	10864	3811	112	-1	685	41727	-1
BFX18GTP-001	1598502	5	-1	-1	521	15761	5668	3130	102	17	638	34039	-1
BFX18GTP-001	1598503	10	-1	-1	527	16138	5736	3299	107	-1	642	42170	-1
BFX18GTP-001	1598504	15	-1	-1	553	18029	10526	3480	131	-1	416	30460	-1
BFX18GTP-001	1598505	20	-1	-1	758	14279	20684	3677	105	-1	677	45399	-1
BFX18GTP-001	1598506	25	-1	-1	420	13196	7177	4136	101	21	739	43277	-1
BFX18GTP-001	1598507	30	-1	-1	-1	22629	21994	2989	88	-1	815	44902	-1
BFX18GTP-001	1598508	35	-1	-1	355	18607	2420	2997	85	-1	846	60982	-1
BFX18GTP-001	1598509	40	-1	-1	317	12827	7008	2947	108	23	451	24632	-1
BFX18GTP-001	1598510	45	-1	-1	526	11808	8993	3500	76	24	695	33965	-1
BFX18GTP-001	1598511	50	-1	898	409	10369	8524	3512	75	-1	745	39053	-1
BFX18GTP-001	1598512	55	-1	-1	585	11911	7508	3338	60	-1	639	32169	-1
BFX18GTP-001	1598513	60	-1	-1	473	16795	8493	3590	78	20	569	40202	-1
BFX18GTP-001	1598514	65	-1	-1	466	9679	7363	3026	72	20	440	28544	-1
BFX18GTP-001	1598515	70	-1	-1	414	14969	13854	5255	146	-1	768	42615	-1
BFX18GTP-001	1598516	75	-1	-1	435	9632	13074	3488	90	18	534	30935	-1
BFX18GTP-001	1598517	80	-1	-1	416	11173	15111	3795	82	54	685	41415	-1
BFX18GTP-001	1598518	85	-1	-1	388	22147	18524	5910	132	-1	898	59408	-1
BFX18GTP-001	1598519	90	-1	-1	635	12327	6165	3601	220	23	587	26885	-1
BFX18GTP-001	1598520	95	-1	-1	-1	13599	10126	4863	131	25	771	56631	-1
BFX18GTP-001	1598521	100	-1	1483	428	18049	11240	5744	217	28	665	45997	-1
BFX18GTP-001	1598522	105	-1	-1	528	12528	10745	3898	119	32	623	43773	-1
BFX18GTP-001	1598523	110	-1	-1	370	12318	12184	3904	114	28	653	40429	-1
BFX18GTP-001	1598524	115	-1	-1	366	9761	11293	3727	108	27	572	38732	-1
BFX18GTP-001	1598525	120	-1	-1	417	8984	13708	4339	110	-1	617	45593	-1
BFX18GTP-001	1598527	125	-1	-1	550	12022	7325	4195	117	46	852	47977	-1
BFX18GTP-001	1598528	130	-1	-1	348	11590	16122	4314	159	41	648	43184	-1
BFX18GTP-001	1598529	135	-1	-1	545	10652	13311	3591	105	76	878	54239	-1
BFX18GTP-001	1598530	140	-1	1506	454	12054	11238	4324	152	-1	803	43870	-1
BFX18GTP-001	1598531	145	-1	-1	341	8267	11514	3180	92	-1	516	39623	-1
BFX18GTP-001	1598532	150	-1	-1	427	12523	6470	2554	118	-1	412	31416	-1
BFX18GTP-001	1598533	155	-1	953	500	8886	7626	4828	130	21	596	50049	-1
BFX18GTP-001	1598534	160	-1	2368	543	11759	8107	3754	93	-1	452	51995	-1
BFX18GTP-001	1598535	165	9572	4042	-1	12261	4160	5027	143	-1	652	115949	-1
BFX18GTP-001	1598536	170	6772	1038	503	10878	3990	3857	100	45	560	68736	-1
BFX18GTP-001	1598537	175	6368	2908	456	11471	6629	3690	119	-1	560	67600	-1
BFX18GTP-001	1598538	180	-1	2208	540	10822	10649	5075	129	-1	723	70136	-1
BFX18GTP-001	1598539	185	-1	1328	367	9120	9394	3009	106	29	610	53794	-1
BFX18GTP-001	1598540	190	-1	1104	-1	10049	2389	2756	96	-1	407	52779	-1
BFX18GTP-001	1598541	195	-1	2690	415	11479	3855	2719	75	-1	345	43917	-1
BFX18GTP-001	1598542	200	-1	1084	580	12508	8986	4058	141	60	512	68299	-1
BFX18GTP-002	1598551	0	-1	-1	477	5301	10247	2384	65	27	452	30649	-1
BFX18GTP-002	1598552	5	-1	-1	685	11100	18997	3981	120	-1	842	56215	-1
BFX18GTP-002	1598553	10	-1	-1	448	5525	9859	2491	60	30	552	24827	-1
BFX18GTP-002	1598554	15	-1	575	300	5385	5321	1562	46	26	323	14004	-1
BFX18GTP-002	1598555	20	-1	-1	425	3836	9895	2093	42	23	378	19161	-1

sample_id	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Nb	Mo	Ag	Cd	Sn	Sb	Ba	W	Au	Hg	Pb	Bi
1598501	-1	31	68	6.7	-1	48.1	246	13.6	125	4.9	-1	-1	-1	-1	-1		-1	-1	-1	10	-1
1598502	41	34	68	12.3	-1	60.6	137	22.1	151	7.9	-1	-1	-1	-1	-1		-1	-1	-1	16	23
1598503	40	53	132	-1	-1	62.2	239	16	183	9.3	-1	-1	-1	-1	-1		-1	-1	-1	16	-1
1598504	75	137	55	-1	-1	61.5	66	26	119	10	-1	-1	-1	-1	-1		-1	-1	-1	18	-1
1598505	50	57	89	6.3	-1	49.2	155	20.6	122	-1	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
1598506	71	72	75	-1	-1	57.6	172	29	187	7.5	-1	-1	-1	-1	-1		-1	-1	-1	17	-1
1598507	77	61	76	7	-1	99	83	30	173	9.9	-1	-1	-1	-1	-1		-1	-1	-1	15	-1
1598508	48	55	86	12	-1	106	52	24	91	-1	-1	-1	-1	-1	-1		-1	-1	-1	15	-1
1598509	26	27	51	-1	-1	43.9	303	19.1	139	7	-1	-1	-1	-1	-1		-1	-1	-1	10	-1
1598510	25	36	57	-1	-1	60.7	207	19.6	168	8	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598511	59	102	69	-1	-1	56.2	179	52	179	9.7	-1	-1	-1	-1	-1		-1	-1	-1	15	-1
1598512	58	74	68	13	-1	50.5	162	34	165	8.5	-1	-1	-1	-1	-1		-1	-1	-1	6.6	-1
1598513	52	116	85	-1	-1	80	113	28	199	8.6	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598514	57	39	57	5	-1	42.5	145	18	188	7.6	-1	-1	-1	-1	-1		-1	-1	-1	10.7	-1
1598515	49	58	79	-1	-1	53.3	320	24	151	6.2	-1	-1	-1	-1	-1		-1	-1	-1	20	-1
1598516	45	48	54	-1	-1	41.1	214	21.6	156	5.3	-1	-1	-1	-1	-1		-1	-1	-1	20	-1
1598517	55	76	77	-1	-1	39.7	195	25.6	147	7.2	-1	-1	-1	-1	-1		-1	-1	-1	16	-1
1598518	62	119	103	-1	-1	86	92	30	120	10.8	-1	-1	-1	-1	-1		-1	-1	-1	18	-1
1598519	61	46	56	-1	-1	52.6	213	16	149	5.2	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
1598520	96	108	76	-1	-1	54.2	192	38	145	13	-1	-1	-1	-1	-1		-1	-1	12	23	-1
1598521	80	70	86	-1	-1	67	138	27	169	11.4	-1	-1	-1	-1	-1		-1	-1	-1	15	-1
1598522	53	73	79	-1	-1	51.6	175	26	191	12.2	-1	-1	-1	-1	-1		-1	-1	-1	18	-1
1598523	65	84	68	-1	-1	50.5	203	31	179	11.6	-1	-1	-1	-1	-1		-1	-1	-1	14	-1
1598524	50	58	73	-1	-1	39.6	186	24.7	129	7.3	-1	-1	-1	-1	-1		-1	-1	-1	16	-1
1598525	89	93	65	-1	-1	40.4	192	30	153	8.8	-1	-1	-1	-1	-1		-1	-1	12	20	-1
1598527	56	97	119	-1	-1	48.1	204	29	158	7.4	-1	-1	-1	-1	-1		-1	-1	-1	18	-1
1598528	55	34	74	-1	-1	39.9	144	18.1	131	-1	-1	-1	-1	-1	-1		-1	-1	-1	16	-1
1598529	81	68	83	-1	-1	54.2	188	24	172	8.8	-1	-1	-1	-1	-1		-1	-1	-1	22	-1
1598530	68	80	73	-1	-1	37.8	203	22	153	12.1	-1	-1	-1	-1	-1		-1	-1	-1	21	-1
1598531	63	86	100	-1	-1	36.7	122	31	240	-1	-1	-1	-1	-1	-1		-1	-1	-1	28	-1
1598532	39	47	69	-1	-1	43	285	24.3	153	9.4	-1	-1	-1	-1	-1		-1	-1	-1	11	-1
1598533	64	88	80	-1	-1	48.5	157	24.6	145	7.4	-1	-1	-1	-1	-1		-1	-1	-1	18	-1
1598534	57	72	140	-1	-1	34.1	145	16	150	-1	-1	-1	-1	-1	-1		-1	-1	16	108	-1
1598535	83	176	282	-1	6.7	38	106	22	154	-1	-1	-1	-1	-1	-1		-1	-1	-1	74	-1
1598536	59	141	263	-1	-1	42.9	165	35	184	8.8	-1	-1	-1	-1	-1		-1	-1	-1	29	-1
1598537	51	120	167	-1	-1	34.1	129	20.1	153	-1	-1	-1	-1	-1	-1		-1	-1	-1	18	-1
1598538	66	105	165	-1	-1	37.4	162	25	149	-1	-1	-1	-1	-1	-1		-1	-1	-1	16	-1
1598539	54	62	120	-1	-1	27.6	176	20.4	136	10.7	-1	-1	-1	-1	-1		-1	-1	-1	18	-1
1598540	58	115	131	-1	3.9	45.2	172	19.8	135	-1	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
1598541	24	49	103	-1	-1	30.2	146	16.2	220	5	-1	-1	-1	-1	-1		-1	-1	-1	11	-1
1598542	41	92	134	-1	-1	43.5	293	14.5	115	-1	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
1598551	87	26	59	-1	-1	18.2	215	41	223	14.5	-1	-1	-1	-1	-1		-1	-1	11	18	-1
1598552	62	33	88	-1	-1	37.6	388	30	169	7.8	-1	-1	-1	-1	-1		-1	-1	-1	24	-1
1598553	33	27	45	-1	-1	21.4	192	30.7	167	8.1	-1	-1	-1	-1	-1		-1	-1	-1	17	-1
1598554	33	20	36	-1	-1	24.4	206	17.5	157	4.2	-1	-1	-1	-1	-1		-1	-1	-1	11.6	-1
1598555	45	15	25	-1	-1	13.9	188	26.7	141	7.4	-1	-1	-1	-1	-1		-1	-1	-1	15	-1

sample_id	Th	U
1598501	-1	-1
1598502	-1	-1
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1598509	-1	-1
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1598554	-1	-1
1598555	-1	-1

line_id	sample_id	distance (m)	P	S	Cl	K	Ca	Ti	V	Cr	Mn	Fe	Co
BFX18GTP-002	1598556	25	-1	-1	351	4507	11329	1971	48	22	403	22354	-1
BFX18GTP-002	1598557	30	-1	-1	581	7301	4721	2324	79	52	447	24064	-1
BFX18GTP-002	1598558	35	-1	-1	362	5160	7364	1912	62	17	412	24434	-1
BFX18GTP-002	1598559	40	-1	-1	473	5586	12942	2450	70	48	638	39554	-1
BFX18GTP-002	1598560	45	-1	-1	476	5811	8369	2980	84	39	557	34942	-1
BFX18GTP-002	1598561	50	-1	-1	376	8414	20241	3431	109	51	664	51489	-1
BFX18GTP-002	1598562	55	8646	-1	477	10992	23340	4413	140	52	1096	63224	-1
BFX18GTP-002	1598563	60	-1	-1	567	9773	32442	5617	131	49	1084	75801	-1
BFX18GTP-002	1598564	65	11690	-1	553	10228	36123	6518	176	-1	1155	80684	-1
BFX18GTP-002	1598565	70	-1	1144	635	7257	12507	3019	91	39	606	39752	-1
BFX18GTP-002	1598566	75	-1	-1	367	7090	17598	3695	101	-1	703	58995	-1
BFX18GTP-002	1598567	80	-1	-1	-1	5224	11125	3339	95	34	628	41332	-1
BFX18GTP-002	1598568	85	-1	-1	293	6628	9347	3011	79	36	523	33467	-1
BFX18GTP-002	1598569	90	-1	-1	-1	13086	28922	6465	178	-1	1199	98161	-1
BFX18GTP-002	1598570	95	-1	-1	448	9281	9381	2713	110	30	544	32363	-1
BFX18GTP-002	1598571	100	-1	-1	426	11494	11364	4655	149	24	1077	62317	-1
BFX18GTP-002	1598572	105	8158	-1	552	9163	17693	5971	146	29	1069	68224	-1
BFX18GTP-002	1598573	110	-1	-1	456	9652	12356	4556	98	41	747	55065	-1
BFX18GTP-002	1598574	115	-1	-1	585	10966	14335	4008	118	31	724	51918	-1
BFX18GTP-002	1598575	120	-1	-1	762	11931	18582	4076	132	30	682	54159	-1
BFX18GTP-002	1598577	125	-1	-1	338	7148	8842	4516	93	58	643	39184	-1
BFX18GTP-002	1598578	130	-1	-1	598	6702	20403	3414	80	-1	674	52380	-1
BFX18GTP-002	1598579	135	10408	-1	-1	13571	24953	6937	148	47	1231	84585	-1
BFX18GTP-002	1598580	140	7935	-1	572	11019	15841	4758	118	88	1443	107131	-1
BFX18GTP-002	1598581	145	7123	-1	533	7216	19651	5007	142	22	904	58931	-1
BFX18GTP-002	1598582	150	8698	-1	557	11834	20018	4715	126	59	1433	83114	-1
BFX18GTP-002	1598583	155	8173	-1	501	14031	18226	6298	180	103	1218	83300	-1
BFX18GTP-002	1598584	160	-1	-1	-1	9987	16832	4873	117	92	1175	71315	-1
BFX18GTP-002	1598585	165	-1	-1	474	11067	19969	5770	137	70	1139	71177	-1
BFX18GTP-002	1598586	170	-1	-1	473	8050	11404	3700	86	66	683	50902	-1
BFX18GTP-002	1598587	175	-1	-1	455	10499	15656	5144	137	59	1033	75122	-1
BFX18GTP-002	1598588	180	-1	-1	396	5731	9415	3041	59	44	649	36132	-1
BFX18GTP-002	1598589	185	-1	-1	444	13050	15208	4946	154	45	1018	67567	-1
BFX18GTP-002	1598590	190	-1	-1	348	5803	8097	2432	67	41	526	33134	-1
BFX18GTP-002	1598591	195	10735	-1	-1	13706	30264	7614	162	57	1263	90489	-1
BFX18GTP-002	1598592	200	10096	-1	-1	12379	21244	5829	145	98	1070	77811	-1
BFX18GTP-003	1598594	0	-1	-1	-1	8344	9616	4129	108	60	695	47351	-1
BFX18GTP-003	1598595	5	-1	-1	579	9617	22134	6720	149	-1	1030	76121	-1
BFX18GTP-003	1598596	10	-1	-1	706	6370	22105	3892	89	35	744	54764	-1
BFX18GTP-003	1598597	15	-1	-1	725	8189	16655	5041	117	54	957	52353	-1
BFX18GTP-003	1598598	20	-1	-1	506	7111	16141	3571	120	-1	931	48058	-1
BFX18GTP-003	1598599	25	-1	-1	594	7067	26144	4646	95	34	871	64243	-1
BFX18GTP-003	1598600	30	-1	-1	442	4223	14776	2786	78	-1	605	37758	-1
BFX18GTP-003	1598601	35	-1	-1	-1	6446	27918	3118	102	62	659	43729	-1
BFX18GTP-003	1598602	40	-1	-1	455	5864	21779	3172	82	124	1150	48086	-1
BFX18GTP-003	1598603	45	-1	-1	517	8160	23824	4097	105	60	990	53927	-1

sample_id	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Nb	Mo	Ag	Cd	Sn	Sb	Ba	W	Au	Hg	Pb	Bi
1598556	44	17	28	-1	-1	15.9	248	25.3	148	9.4	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598557	32	24	43	-1	-1	24.7	149	29.8	134	-1	-1	-1	-1	-1	-1		-1	-1	-1	14	-1
1598558	82	38	53	-1	-1	25.5	406	20.9	156	7	-1	-1	-1	-1	-1		-1	10	-1	17	-1
1598559	38	31	50	-1	-1	24.9	242	31	172	9	-1	-1	-1	-1	-1		30	-1	-1	48	-1
1598560	35	34	45	-1	-1	26.7	178	25.2	130	6.1	-1	-1	-1	-1	-1		-1	-1	-1	11	-1
1598561	97	49	106	5.9	-1	25.3	345	38	223	7.7	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1
1598562	82	45	108	-1	-1	32.3	265	38	176	8.3	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598563	71	76	96	-1	-1	26.1	260	49	172	19	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1
1598564	101	31	112	-1	-1	39.6	423	65	182	16	-1	-1	-1	-1	-1		-1	-1	-1	9	-1
1598565	77	46	74	-1	-1	32.6	196	35	203	12.1	-1	-1	-1	-1	-1		-1	-1	-1	11	-1
1598566	49	44	68	-1	-1	19.3	219	31	116	7	-1	-1	-1	-1	-1		-1	-1	-1	23	-1
1598567	90	53	68	-1	-1	32.4	208	34	167	9	-1	-1	-1	-1	-1		-1	-1	-1	14	-1
1598568	54	29	50	-1	-1	28.2	181	39	171	9.9	-1	-1	-1	-1	-1		-1	-1	-1	15	-1
1598569	92	90	115	-1	-1	55	198	60	112	18	-1	-1	-1	-1	-1		-1	-1	17	21	-1
1598570	51	36	47	-1	-1	32.6	189	29.1	171	8.6	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
1598571	63	55	86	8	-1	54.9	195	37	208	14	-1	-1	-1	-1	-1		-1	-1	-1	26	-1
1598572	88	58	102	-1	-1	38.6	208	49	126	14	-1	-1	-1	-1	-1		-1	-1	-1	110	-1
1598573	71	64	95	7	-1	44.1	207	41	166	10.7	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
1598574	61	48	72	-1	-1	36.3	315	35	121	6.8	-1	-1	-1	-1	-1		-1	-1	-1	9	-1
1598575	74	44	86	-1	-1	40.6	377	35	297	16	-1	-1	-1	-1	-1		-1	-1	14	16	-1
1598577	63	38	57	5.3	-1	30.5	176	26.2	169	9.6	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598578	57	56	59	-1	-1	18.5	344	19.7	123	10	-1	-1	-1	-1	-1		-1	-1	-1	8	-1
1598579	95	93	128	-1	-1	43.8	193	35	136	14	-1	-1	-1	-1	-1		-1	-1	-1	8	-1
1598580	109	119	147	-1	-1	38.2	175	34	124	9.8	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
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1598582	112	80	127	-1	-1	40.9	214	31	127	-1	-1	-1	-1	-1	-1		-1	-1	-1	8	-1
1598583	112	83	137	-1	-1	65	195	39	160	13	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598584	95	55	118	-1	-1	45	182	28	147	13	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1
1598585	80	54	108	-1	-1	42.7	253	33	171	10	-1	-1	-1	-1	-1		-1	-1	-1	14	-1
1598586	106	41	83	7	-1	45.8	195	29	179	10.9	-1	-1	-1	-1	-1		-1	-1	-1	14	-1
1598587	99	78	119	-1	-1	50.9	204	33	159	12	-1	-1	-1	-1	-1		-1	-1	-1	14	-1
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1598589	75	48	144	-1	-1	52.6	267	27	135	8.5	-1	-1	-1	-1	-1		-1	-1	-1	23	-1
1598590	55	31	61	-1	-1	24.5	206	18.8	98	5.8	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598591	87	60	141	-1	-1	41.5	256	35	131	12	-1	-1	-1	-1	-1		-1	-1	-1	17	-1
1598592	103	54	128	-1	-1	48.1	270	36	139	7.9	-1	-1	-1	-1	-1		-1	-1	-1	8	-1
1598594	49	24	75	-1	-1	33.4	197	21.5	150	5.1	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598595	27	22	136	-1	-1	35.5	183	29	144	5.8	-1	-1	-1	-1	-1		-1	-1	-1	9	-1
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1598598	51	20	69	-1	-1	26	236	24.6	138	9.4	-1	-1	-1	-1	-1		-1	-1	-1	15	-1
1598599	79	39	87	-1	-1	29.6	194	27	140	5.3	-1	-1	-1	-1	-1		-1	-1	-1	8	-1
1598600	32	34	66	-1	-1	21.7	178	26	136	-1	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1
1598601	105	28	56	-1	3.7	27.7	256	20	122	-1	-1	-1	-1	-1	-1		-1	-1	-1	8	-1
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BFX18GTP-003	1598604	50	-1	-1	532	4318	37038	2669	65	62	932	43178	-1
BFX18GTP-003	1598605	55	-1	-1	-1	7359	18287	3272	93	64	829	44290	-1
BFX18GTP-003	1598606	60	-1	-1	-1	7515	10094	3690	104	56	653	39913	-1
BFX18GTP-003	1598607	65	-1	-1	426	11971	23771	4777	124	65	931	52194	-1
BFX18GTP-003	1598608	70	-1	-1	490	7920	16854	3694	91	37	772	44974	-1
BFX18GTP-003	1598609	75	-1	-1	496	6448	35521	3910	94	32	1172	56966	-1
BFX18GTP-003	1598610	80	-1	-1	516	7780	12726	2620	90	18	757	40222	-1
BFX18GTP-003	1598611	85	-1	-1	272	8482	13375	3083	72	34	686	31683	-1
BFX18GTP-003	1598612	90	-1	-1	-1	12242	7962	2995	88	48	597	31637	-1
BFX18GTP-003	1598613	95	-1	-1	453	6095	18400	2665	68	40	698	39974	-1
BFX18GTP-003	1598614	100	11342	-1	665	8185	35482	6868	118	-1	1139	96152	-1
BFX18GTP-003	1598615	105	-1	-1	-1	14172	11064	2664	90	40	694	38154	-1
BFX18GTP-003	1598616	110	-1	800	464	6640	12205	2347	62	45	521	24784	-1
BFX18GTP-003	1598617	115	-1	1167	-1	9436	21649	4720	117	-1	1225	60713	-1
BFX18GTP-003	1598618	120	18799	-1	-1	16974	42222	5987	140	-1	2974	160722	-1
BFX18GTP-003	1598619	125	-1	-1	-1	4499	13691	3407	77	-1	694	40777	-1
BFX18GTP-003	1598620	130	-1	-1	400	8149	19676	4194	106	45	934	56897	-1
BFX18GTP-003	1598621	135	-1	-1	-1	6769	22862	5041	131	-1	1144	65598	-1
BFX18GTP-003	1598622	140	6900	-1	471	10161	11324	4840	136	71	1164	66637	-1
BFX18GTP-003	1598623	145	-1	-1	567	8082	17348	4804	133	29	1001	68277	-1
BFX18GTP-003	1598624	150	8804	-1	641	10784	10707	3834	107	28	1127	63461	-1
BFX18GTP-003	1598625	155	-1	-1	812	11925	24654	4791	120	154	1835	62317	-1
BFX18GTP-003	1598627	160	-1	-1	385	9242	20384	3856	106	239	1154	62772	-1
BFX18GTP-003	1598628	165	8984	-1	452	8467	25559	5535	173	-1	1412	65304	-1
BFX18GTP-003	1598629	170	-1	-1	657	6085	8325	2781	75	27	534	31047	-1
BFX18GTP-003	1598630	175	-1	-1	547	8895	11503	2880	73	-1	579	28502	-1
BFX18GTP-003	1598631	180	-1	-1	396	8029	11259	2125	68	21	350	17534	-1
BFX18GTP-003	1598632	185	-1	-1	442	7838	12252	2852	65	-1	566	32832	-1
BFX18GTP-003	1598633	190	-1	-1	398	8326	9082	3154	63	30	605	22907	-1
BFX18GTP-003	1598634	195	-1	-1	498	7119	28225	3830	92	-1	1035	62677	-1
BFX18GTP-003	1598635	200	-1	-1	485	7991	25615	4361	90	30	1030	60698	-1
BFX18GTP-004	1598636	0	-1	-1	232	4464	4901	1852	43	18	511	29194	-1
BFX18GTP-004	1598637	5	-1	-1	360	6657	6262	3204	79	32	881	39251	-1
BFX18GTP-004	1598638	10	-1	-1	-1	7202	9059	3617	85	37	681	41090	-1
BFX18GTP-004	1598639	15	-1	-1	-1	4810	10508	2899	70	21	737	35699	-1
BFX18GTP-004	1598640	20	-1	-1	304	6161	7790	3353	88	-1	797	38030	-1
BFX18GTP-004	1598641	25	-1	-1	507	8226	16391	4038	110	-1	1339	63230	-1
BFX18GTP-004	1598642	30	-1	-1	251	6444	7035	2917	75	-1	644	37621	-1
BFX18GTP-004	1598643	35	-1	-1	661	7089	22686	3398	89	46	934	47326	-1
BFX18GTP-004	1598644	40	-1	-1	255	7841	7407	3843	93	33	540	34620	-1
BFX18GTP-004	1598645	45	-1	-1	373	12376	16545	3288	105	44	867	42714	-1
BFX18GTP-004	1598646	50	-1	-1	-1	7566	9254	3597	102	29	615	36544	-1
BFX18GTP-004	1598647	55	-1	-1	465	18491	5259	5279	182	-1	794	54850	-1
BFX18GTP-004	1598648	60	-1	-1	302	7185	16555	2956	94	19	744	37641	-1
BFX18GTP-004	1598649	65	-1	-1	-1	6135	7721	3652	95	48	546	32741	-1
BFX18GTP-004	1598650	70	-1	-1	335	6398	7463	3675	110	-1	1084	47911	-1

sample_id	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Nb	Mo	Ag	Cd	Sn	Sb	Ba	W	Au	Hg	Pb	Bi
1598604	91	43	68	-1	-1	19.2	270	20.6	112	6.4	-1	-1	-1	-1	-1		-1	-1	-1	17	-1
1598605	99	48	71	-1	-1	41.7	246	21	135	-1	-1	-1	-1	-1	-1		-1	-1	-1	11	-1
1598606	62	41	69	6.1	-1	31.3	192	20.1	127	4.9	-1	-1	-1	-1	-1		-1	-1	-1	10	-1
1598607	74	51	86	-1	-1	60.9	346	28	150	8.4	-1	-1	-1	-1	-1		-1	-1	-1	15	-1
1598608	73	42	78	-1	-1	36.8	335	17.8	110	-1	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598609	71	59	150	-1	-1	19.5	261	22	97	5.2	-1	-1	-1	-1	-1		-1	-1	-1	16	-1
1598610	71	46	74	-1	-1	40.1	279	13.2	142	10.8	-1	-1	-1	-1	-1		-1	-1	-1	10	-1
1598611	70	33	61	7	-1	34.9	228	21	135	-1	-1	-1	-1	-1	-1		-1	-1	14	8	-1
1598612	71	29	66	7.9	-1	55.1	222	17.2	157	8.7	-1	-1	-1	-1	-1		-1	-1	14	9	-1
1598613	78	28	56	-1	-1	24.4	254	23.7	123	5.9	-1	-1	-1	-1	-1		-1	-1	-1	8	-1
1598614	51	84	89	9	-1	32.6	246	43	170	-1	-1	-1	-1	-1	-1		-1	-1	-1	15	-1
1598615	44	43	63	6.7	-1	73	281	17	78	-1	-1	-1	-1	-1	-1		-1	-1	-1	11	-1
1598616	25	16	45	-1	-1	26.2	276	13.3	126	4.4	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598617	64	68	92	-1	-1	33.5	285	28	151	-1	-1	-1	-1	-1	-1		-1	-1	-1	9	-1
1598618	76	152	179	-1	-1	47	285	60	109	-1	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598619	75	39	68	-1	-1	26.3	257	32	142	10	-1	-1	-1	-1	-1		-1	11	-1	19	-1
1598620	67	89	94	-1	-1	34.8	236	22	118	-1	-1	-1	-1	-1	-1		-1	-1	-1	40	-1
1598621	76	42	132	-1	-1	28.2	170	33	147	-1	-1	-1	-1	-1	-1		-1	-1	-1	18	-1
1598622	100	42	110	-1	-1	46.4	161	26	130	-1	-1	-1	-1	-1	-1		-1	-1	-1	28	-1
1598623	79	35	93	-1	-1	45.3	178	26	142	6.6	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
1598624	83	40	87	-1	-1	84	126	37	99	-1	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
1598625	139	38	173	-1	-1	95	205	24	79	-1	-1	-1	-1	-1	-1		-1	-1	-1	10	-1
1598627	154	39	74	-1	-1	42.6	168	18.1	92	-1	-1	-1	-1	-1	-1		-1	-1	-1	10	-1
1598628	67	34	115	-1	-1	35.2	245	40	139	7.6	-1	-1	-1	-1	-1		-1	-1	-1	16	-1
1598629	55	26	63	-1	-1	31.9	194	24.2	174	8.5	-1	-1	-1	-1	-1		-1	-1	-1	14	-1
1598630	46	-1	44	-1	-1	31.8	300	24.3	136	7.2	-1	-1	-1	-1	-1		-1	-1	-1	11	-1
1598631	40	16	40	-1	-1	28.7	423	16.5	148	5.5	-1	-1	-1	-1	-1		-1	-1	-1	6.9	-1
1598632	48	29	50	-1	-1	31.3	261	21.5	129	6.3	-1	-1	-1	-1	-1		-1	-1	-1	10	-1
1598633	48	14	51	-1	-1	35.2	304	19.2	182	8.8	-1	-1	-1	-1	-1		-1	-1	-1	8	-1
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1598639	36	29	60	-1	-1	24.9	211	24.8	181	6.3	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
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1598641	56	24	75	-1	-1	35.9	227	29	147	8.8	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
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1598643	63	13	59	-1	-1	30	233	23.4	150	8.8	-1	-1	-1	-1	-1		-1	-1	-1	9	-1
1598644	38	18	66	5.6	-1	40	180	17.9	171	9.4	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
1598645	26	16	60	-1	-1	46.1	212	25	146	5.8	-1	-1	-1	-1	-1		-1	-1	-1	10	-1
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1598647	29	26	92	-1	-1	70	156	27	142	7.2	-1	-1	-1	-1	-1		-1	-1	-1	10	-1
1598648	39	27	56	-1	-1	28.2	278	14	111	-1	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598649	41	20	63	-1	-1	32.6	197	14	152	6.9	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
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1598649	-1	-1
1598650	-1	-1

line_id	sample_id	distance (m)	P	S	Cl	K	Ca	Ti	V	Cr	Mn	Fe	Co
BFX18GTP-004	1598651	75	-1	-1	-1	6955	16234	3285	79	-1	826	43919	-1
BFX18GTP-004	1598652	80	-1	-1	-1	8790	12169	3012	93	29	935	53725	-1
BFX18GTP-004	1598653	85	-1	-1	483	8670	28131	3317	90	25	778	46046	-1
BFX18GTP-004	1598654	90	-1	-1	565	9422	11769	3096	93	35	751	39437	-1
BFX18GTP-004	1598655	95	-1	-1	572	9648	25723	3888	93	-1	973	53546	-1
BFX18GTP-004	1598656	100	-1	-1	556	11632	12722	3278	99	34	737	38661	-1
BFX18GTP-004	1598657	105	-1	-1	570	5895	24481	3304	84	51	1026	58845	-1
BFX18GTP-004	1598658	110	-1	-1	-1	8587	29133	9823	131	-1	1072	77438	-1
BFX18GTP-004	1598659	115	-1	-1	-1	6629	19263	5701	112	-1	1026	59313	-1
BFX18GTP-004	1598660	120	-1	-1	434	6346	21521	3559	97	23	865	56648	-1
BFX18GTP-004	1598661	125	-1	-1	1343	8672	16118	5025	132	-1	859	58285	-1
BFX18GTP-004	1598662	130	-1	1263	-1	5679	17223	3521	96	34	613	39871	-1
BFX18GTP-004	1598663	135	-1	-1	-1	6757	19016	3297	90	46	660	39707	-1
BFX18GTP-004	1598664	140	-1	-1	-1	5335	10003	2666	73	43	465	26371	-1
BFX18GTP-004	1598665	145	-1	-1	507	7081	16081	4111	107	33	739	42514	-1
BFX18GTP-004	1598666	150	-1	-1	505	6225	22490	3868	101	35	681	40845	-1
BFX18GTP-004	1598667	155	-1	-1	554	6298	25383	3475	105	49	662	40704	-1
BFX18GTP-004	1598668	160	-1	-1	447	5811	13968	3352	90	39	739	38554	-1
BFX18GTP-004	1598669	165	-1	-1	309	7980	17935	3714	107	33	800	46178	-1
BFX18GTP-004	1598670	170	-1	-1	327	6768	23407	3924	103	30	771	48793	-1
BFX18GTP-004	1598671	175	7602	-1	471	7286	24395	3613	110	24	900	49261	-1
BFX18GTP-004	1598672	180	-1	-1	399	5897	17971	3332	84	37	650	36896	-1
BFX18GTP-004	1598673	185	-1	-1	317	8595	13926	3301	92	48	651	35724	-1
BFX18GTP-004	1598674	190	-1	-1	619	7454	15207	3734	86	48	870	34793	-1
BFX18GTP-004	1598675	195	-1	-1	325	9062	17430	3994	100	40	874	51632	-1
BFX18GTP-005	1598678	0	-1	-1	194	6892	4887	1874	61	32	458	21300	-1
BFX18GTP-005	1598679	5	-1	-1	397	10498	5707	2455	82	34	579	26357	-1
BFX18GTP-005	1598680	10	-1	-1	388	10642	9487	2077	63	26	436	26020	-1
BFX18GTP-005	1598681	15	-1	-1	325	9436	4362	1804	53	26	465	22128	-1
BFX18GTP-005	1598682	20	-1	-1	144	1272	292	327	11	16	85	8376	-1
BFX18GTP-005	1598683	25	-1	825	380	11077	3754	2652	41	16	726	35853	-1
BFX18GTP-005	1598684	30	-1	-1	443	8522	7264	2469	51	64	434	27298	-1
BFX18GTP-005	1598685	35	-1	723	334	10364	3836	2174	66	27	425	27655	-1
BFX18GTP-005	1598686	40	-1	-1	404	15091	6267	2910	94	40	320	29576	-1
BFX18GTP-005	1598687	45	-1	-1	297	11562	9502	1462	64	17	499	23695	-1
BFX18GTP-005	1598688	50	-1	-1	220	9428	3935	1824	67	31	491	20677	-1
BFX18GTP-005	1598689	55	-1	-1	421	8571	9584	2711	84	52	438	32799	-1
BFX18GTP-005	1598690	60	-1	769	340	6314	8262	3098	82	53	527	27691	-1
BFX18GTP-005	1598691	65	-1	-1	-1	5827	6071	2693	77	55	392	27152	-1
BFX18GTP-005	1598692	70	-1	-1	420	5001	6480	2917	101	-1	1027	52591	-1
BFX18GTP-005	1598693	75	-1	-1	421	8504	9535	3296	104	-1	1013	46778	-1
BFX18GTP-005	1598694	80	-1	-1	277	6901	7250	2252	134	32	536	25629	-1
BFX18GTP-005	1598695	85	-1	651	-1	6497	6179	1827	68	42	565	24472	-1
BFX18GTP-005	1598696	90	-1	-1	270	10736	3133	2589	79	34	562	28686	-1
BFX18GTP-005	1598697	95	-1	-1	-1	8281	15849	5255	112	28	838	47437	-1
BFX18GTP-005	1598698	100	-1	-1	460	7131	32577	6405	108	-1	1023	70940	-1

sample_id	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Nb	Mo	Ag	Cd	Sn	Sb	Ba	W	Au	Hg	Pb	Bi
1598651	64	32	58	-1	-1	31.3	282	16.8	163	6.9	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
1598652	41	31	55	-1	-1	40.5	249	18	134	-1	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598653	43	32	57	-1	-1	27.3	375	22.8	178	7.6	-1	-1	-1	-1	-1		-1	-1	-1	8	-1
1598654	48	24	53	-1	-1	39.4	245	20.7	169	6.2	-1	-1	-1	-1	-1		-1	-1	-1	11	-1
1598655	51	33	71	-1	-1	29.4	330	27	163	-1	-1	-1	-1	-1	-1		-1	-1	-1	10	-1
1598656	41	30	59	-1	-1	38.3	227	18.6	158	8.7	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
1598657	56	46	64	-1	-1	22.4	255	22.5	109	-1	-1	-1	-1	-1	-1		-1	-1	-1	9	-1
1598658	58	22	92	-1	-1	28.6	397	43	312	15	-1	-1	-1	-1	-1		-1	-1	-1	11	-1
1598659	48	25	78	8	-1	28.6	231	32	166	11.5	-1	-1	-1	-1	-1		-1	-1	-1	9	-1
1598660	44	43	83	-1	-1	31.8	356	30	175	10.7	-1	-1	-1	-1	-1		-1	-1	-1	11	-1
1598661	42	50	94	-1	-1	42.2	191	26	124	-1	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
1598662	23	15	52	-1	-1	23.5	161	15.5	121	4.8	-1	-1	-1	-1	-1		-1	-1	-1	10	-1
1598663	42	23	53	-1	-1	32.1	200	19.3	146	7.1	-1	-1	-1	-1	-1		-1	-1	-1	8	-1
1598664	31	28	43	-1	-1	27.5	234	11.8	124	8.6	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
1598665	42	55	61	-1	-1	28.7	190	18	147	9.9	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1
1598666	36	38	54	5.1	-1	26.8	175	19.6	139	5.7	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1
1598667	50	37	55	-1	-1	20.2	174	17.8	126	5.6	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1
1598668	37	37	66	-1	-1	30.8	204	17.4	156	10.3	-1	-1	-1	-1	-1		-1	-1	-1	6	-1
1598669	55	33	61	-1	-1	39	255	20.2	157	7.7	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
1598670	34	30	54	-1	-1	32.9	233	17.6	138	6.2	-1	-1	-1	-1	-1		-1	-1	-1	8	-1
1598671	-1	35	63	-1	-1	32.7	230	22	108	-1	-1	-1	-1	-1	-1		-1	-1	-1	9	-1
1598672	28	26	49	-1	-1	22	201	14.8	153	-1	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1
1598673	43	19	59	-1	-1	38.6	200	18.8	155	9.2	-1	-1	-1	-1	-1		-1	-1	-1	10	-1
1598674	-1	36	61	-1	-1	37.2	214	15.8	144	5.9	-1	-1	-1	-1	-1		-1	-1	-1	10	-1
1598675	49	26	80	-1	-1	40.6	201	29	135	-1	-1	-1	-1	-1	-1		-1	-1	-1	9	-1
1598678	-1	16	45	4.1	-1	39.9	78	23.5	118	-1	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1
1598679	22	17	64	-1	-1	48.2	111	18.8	150	-1	-1	-1	-1	-1	-1		-1	-1	-1	10.7	-1
1598680	35	15	64	-1	-1	37.4	145	28.1	184	6.5	-1	-1	-1	-1	-1		-1	-1	-1	17	-1
1598681	26	15	59	-1	-1	36.3	159	22.5	167	5.3	-1	-1	-1	-1	-1		-1	-1	-1	12.2	-1
1598682	-1	-1	19	-1	-1	17.1	41	5.3	44	-1	-1	-1	-1	-1	-1		-1	-1	-1	4.8	-1
1598683	21	13	108	5.2	-1	45.6	102	56	235	7.4	-1	-1	-1	-1	-1		-1	-1	-1	9.1	-1
1598684	30	43	53	8	-1	31.9	123	29.7	161	10.1	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1
1598685	45	27	74	-1	-1	52	121	31	173	7.9	-1	-1	-1	-1	-1		-1	-1	-1	15	-1
1598686	33	19	58	-1	-1	50.6	176	27.6	197	9.4	-1	-1	-1	-1	-1		-1	-1	-1	14	-1
1598687	26	13	76	-1	-1	30.3	203	27	167	6.3	-1	-1	-1	-1	-1		-1	-1	-1	8.1	-1
1598688	26	16	63	6.6	-1	33.7	109	27.2	169	7	-1	-1	-1	-1	-1		-1	-1	-1	12.1	-1
1598689	50	26	63	7.8	-1	37.1	190	17.7	169	9.1	-1	-1	-1	-1	-1		-1	-1	-1	24	-1
1598690	50	24	46	-1	-1	27.6	172	18	160	-1	-1	-1	-1	-1	-1		-1	-1	-1	33	-1
1598691	52	26	60	-1	-1	33.1	167	14.4	167	6.7	-1	-1	-1	-1	-1		-1	-1	-1	18.3	-1
1598692	42	23	126	-1	-1	21.8	194	32	120	-1	-1	-1	-1	-1	-1		-1	-1	-1	21	-1
1598693	32	12	110	-1	-1	32.2	183	35	190	-1	-1	-1	-1	-1	-1		-1	-1	-1	14	-1
1598694	38	25	67	-1	-1	32.5	224	20.7	155	4.6	-1	-1	-1	-1	-1		-1	-1	-1	17	-1
1598695	-1	15	53	-1	-1	27.5	164	19.6	109	-1	-1	-1	-1	-1	-1		-1	-1	-1	16	-1
1598696	-1	15	65	10.8	-1	52	150	31	184	12.9	-1	-1	-1	-1	-1		-1	-1	-1	8	-1
1598697	33	44	75	-1	-1	27.9	178	27	150	8	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598698	55	52	99	-1	-1	17.7	263	36	184	19	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1

sample_id	Th	U
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1598692	-1	-1
1598693	-1	-1
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1598695	-1	-1
1598696	-1	-1
1598697	-1	-1
1598698	-1	-1

line_id	sample_id	distance (m)	P	S	Cl	K	Ca	Ti	V	Cr	Mn	Fe	Co
BFX18GTP-005	1598699	105	-1	-1	485	8748	27006	6842	118	30	902	71923	-1
BFX18GTP-005	1598700	110	-1	1024	601	13465	18302	5701	129	26	879	61868	-1
BFX18GTP-005	1598701	115	-1	1275	372	8052	19721	4142	104	20	674	48154	-1
BFX18GTP-005	1598702	120	-1	-1	-1	8104	13259	3989	105	42	704	42385	-1
BFX18GTP-005	1598703	125	-1	-1	339	9424	9559	3071	76	35	527	32588	-1
BFX18GTP-005	1598704	130	-1	1379	720	10728	19737	4581	109	31	817	68702	-1
BFX18GTP-005	1598705	135	-1	1531	-1	9769	12458	4672	119	-1	767	60345	-1
BFX18GTP-005	1598706	140	-1	1099	-1	10536	12053	3034	105	36	526	50511	-1
BFX18GTP-005	1598707	145	-1	2269	-1	10038	14437	3989	104	38	761	60908	-1
BFX18GTP-005	1598708	150	-1	-1	408	6407	14778	2754	76	32	1085	38435	-1
BFX18GTP-005	1598709	155	-1	-1	-1	8940	22164	5483	118	-1	945	94702	-1
BFX18GTP-005	1598710	160	-1	1105	427	8596	13425	4470	117	54	672	39391	-1
BFX18GTP-005	1598711	165	-1	1486	397	12442	12525	3562	120	32	773	44091	-1
BFX18GTP-005	1598712	170	-1	912	512	7040	5899	1860	57	24	472	18985	-1
BFX18GTP-005	1598713	175	-1	1758	-1	10634	17542	4532	119	34	1073	51023	-1
BFX18GTP-005	1598714	180	-1	1586	328	8404	13649	3601	101	28	845	53437	-1
BFX18GTP-005	1598715	185	-1	-1	389	8799	12385	4506	113	51	816	54115	-1
BFX18GTP-005	1598716	190	-1	-1	456	9101	4923	2034	69	45	488	31136	-1
BFX18GTP-005	1598717	195	-1	1399	544	10576	11579	4041	98	30	681	42440	-1
BFX18GTP-005	1598718	200	-1	-1	-1	11151	11067	2658	82	28	526	38751	-1

sample_id	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Nb	Mo	Ag	Cd	Sn	Sb	Ba	W	Au	Hg	Pb	Bi
1598699	64	55	108	-1	-1	29.3	267	35	227	23	-1	-1	-1	-1	-1		-1	-1	-1	10	-1
1598700	69	52	118	-1	-1	44.5	190	26	144	11.8	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598701	42	39	98	-1	-1	24.6	258	26	158	11.9	-1	-1	-1	-1	-1		-1	-1	-1	14	-1
1598702	23	54	90	-1	-1	30.9	210	26	160	7	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
1598703	28	30	88	-1	-1	32	188	18.3	135	4.5	-1	-1	-1	-1	-1		-1	-1	-1	8	-1
1598704	40	86	129	-1	-1	34.4	270	31	132	8.2	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598705	31	114	191	6.4	-1	36.2	183	27	117	8.4	-1	-1	-1	-1	-1		-1	-1	-1	7	-1
1598706	41	95	155	-1	-1	36.1	308	26	201	10.5	-1	-1	-1	-1	-1		-1	-1	-1	14	-1
1598707	27	75	200	8	-1	32.3	203	23	140	9.3	-1	-1	-1	-1	-1		-1	-1	-1	12	-1
1598708	37	58	100	-1	-1	27.8	301	26	118	6.5	-1	-1	-1	-1	-1		-1	-1	-1	11	-1
1598709	-1	69	119	-1	-1	26	151	33	122	7	-1	-1	-1	-1	-1		-1	-1	-1	17	-1
1598710	57	52	78	-1	-1	34.8	216	28	190	13.6	-1	-1	-1	-1	-1		-1	-1	-1	18	-1
1598711	35	68	89	-1	-1	38	181	18.1	118	4.8	-1	-1	-1	-1	-1		-1	-1	-1	8	-1
1598712	-1	-1	54	-1	-1	37.6	140	24	133	-1	-1	-1	-1	-1	-1		-1	-1	-1	10	-1
1598713	-1	191	161	-1	-1	37.6	190	27	142	8.1	-1	-1	-1	-1	-1		-1	-1	-1	10	-1
1598714	50	85	138	6	-1	28.9	187	28	123	10	-1	-1	-1	-1	-1		-1	-1	-1	19	-1
1598715	60	104	152	-1	-1	34.5	184	25.9	165	8.1	-1	-1	-1	-1	-1		-1	-1	-1	13	-1
1598716	31	23	57	13.1	-1	40.1	149	23.1	135	-1	-1	-1	-1	-1	-1		-1	-1	-1	8.5	-1
1598717	44	50	111	9	-1	42.7	186	26	188	8.8	-1	-1	-1	-1	-1		-1	-1	-1	-1	-1
1598718	43	50	93	8.4	-1	41	208	25	189	10.1	-1	-1	-1	-1	-1		-1	-1	-1	8	-1

sample_id	Th	U
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1598713	-1	-1
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1598716	42	-1
1598717	-1	-1
1598718	-1	-1