SAMPLE No	SAMPLE ID	EASTING	NORTHING
133776	217	326937	7390855
143005	518	330588	7389062
143006	521	332018	7392542
143007	522	333125	7394368
143008	519	331512	7394525
143009	554	351327	7391251
143010	555	351014	7393089
143011	551	350041	7392568
143012	553	349461	7392275
143013	550	348672	7392042
143014	544	345049	7392874
143015	545	345202	7391781
143016	547	346618	7392323
143017	548	347270	7391635
143018	546	346288	7392912
143019	549	347526	7392806
143020	524	334718	7390931
143021	523	334625	7390958
143022	525	335047	7392296
143023	527	336192	7393620
143024	528	335380	7394060
143025	559	352828	7393704
143026	558	352703	7393744
143027	571	355533	7393003
143028	570	357171	7393047
143029	561	354201	7392141
143030	562	354397	7392300
143031	560	353893	7392262
143032	579	353051	7391399
143033	530	338781	7391987
143034	533	339745	7392557
143035	531	339368	7392621

143036	529	337714	7392444
143037	532	337345	7392551
143038	534	341107	7392153
143039	538	341764	7392107
143040	539	342972	7392140
143041	542	343734	7392130
143042	535	340677	7393950
143043	541	342737	7393414
143044	537	342144	7393527
143045	536	341599	7394523
143046	540	343794	7393999
143047	580	355367	7390928
143048	592	356650	7390968
143049	578	357892	7392054
143050	569	357203	7390105
143051	411	325015	7390694
143052	412	325061	7390829
143053	413	322562	7390243
143054	403	320142	7389489
143055	404	320524	7389852
143056	402	319382	7390129
143057	427	318303	7390636
143060	422	315542	7387891
143061	423	315468	7387869
143062	421	315418	7388203
143063	420	314236	7388054
143064	419	313559	7388074
143065	417	312829	7388741
143066	416	312816	7388920
143067	429	313813	7387108
143069	418	311917	7387833
143096	568	371822	7395525
143097	588	370295	7393349

143098	589	368811	7391957
143099	576	366324	7392057
143100	577	362827	7392031
143101	591	364251	7393270
143102	590	369165	7395598
143103	564	359292	7390170
143104	567	357493	7390274
143105	565	357878	7389982
143106	566	357793	7389931
143107	585	359744	7392050
143108	587	360430	7392105
143109	586	359970	7394196
143110	563	358105	7394690
143111	572	354458	7395389
143112	556	350628	7395590
143113	557	351054	7396094
143114	511	344151	7388712
143138	470	339117	7386718
143139	469	338925	7386673
143140	459	334738	7385525
143141	461	334590	7386028
143142	462	334820	7386074
143146	574	369135	7389861
143147	573	369030	7389969
143148	575	366731	7390149
143149	517	330341	7388999
143150	520	333252	7391042
143151	526	336216	7391628
151792	408	319521	7385340
151797	1053	362448	7392611
151798	1027	361585	7392273
151799	1026	360855	7391764
151800	1028	360303	7391565

143301	1029	359918	7391455
143302	1007	359432	7391857
143303	1001	358905	7389931
143304	1062	358873	7389642
143305	1003	358644	7389599
143306	1030	358991	7390988
143307	1044	354395	7394567
143308	1043	353887	7395581
143309	552	346954	7390450
143318	1105	312567	7390532
143319	1106	312454	7390551
143321	1108	311861	7389779
143333	1098	352889	7392634
143334	1099	354012	7391120
143335	1096	351082	7395142
143336	1090	351110	7395268
143337	1095	350866	7395115
143338	1097	351477	7395249
143339	1093	351972	7395568
143340	1089	353090	7394885
143342	1121	353903	7389334
143347	1133	355126	7389560
143349	1134	356619	7390014
143369	1052	362847	7394424
143370	1064	363425	7395774
143371	1068	364581	7395345
143372	1063	364407	7394743
143373	1058	365765	7396453
143374	1065	367393	7395552
143375	1054	367250	7394399
143376	1018	366529	7394094
143377	1055	366296	7395015
143378	1066	368726	7394681

143379	1023	369260	7393726
143380	1002	368036	7393770
143381	1024	369551	7392884
143382	1020	370211	7392997
143383	1021	370418	7393111
143384	1067	370054	7394604
143385	1046	372455	7393731
143386	1045	372147	7393572
143387	1010	372167	7392475
143388	1047	371525	7393020
143389	1006	371482	7393289
143390	1022	371510	7393784
143391	1060	370901	7395398
143392	1071	362690	7391640
143393	1005	361595	7390482
143394	1069	363190	7391140
143395	1070	362719	7391141
143396	1072	362780	7390655
143397	1042	362724	7390144
143398	1008	363168	7390109
143399	1059	370059	7396025
143400	1009	363851	7390653
143401	1004	364487	7391521
143402	1057	366609	7391704
143403	1015	367065	7391522
143404	1031	367294	7391418
143405	1038	367440	7392534
143406	1037	368231	7392583
143407	1056	366908	7393470
143408	1050	365870	7392618
143409	1048	365504	7392826
143410	1049	365138	7392735
143411	1051	365277	7393280

143412	1033	366473	7389799
143413	1034	366676	7390188
143414	1032	365961	7391313
143415	1014	366729	7391915
143416	1074	371358	7389970
143417	1075	372007	7390274
143418	1076	371868	7390901
143419	1139	371363	7391714
143420	1040	371408	7391791
143421	1012	371262	7392041
143422	1011	371463	7392070
143423	1013	370429	7392010
143424	1019	368285	7391855
143425	1035	369789	7390396
143426	1077	370392	7390782
143427	1041	370702	7391848
143428	1016	369288	7391469
143429	1036	369253	7391413
143430	1017	368828	7391570
143431	1025	369728	7392092
143432	1061	364487	7396618

Description	Lab	Despatch_Date
Alluvial flats, small channel	ALS	20110218
Solid outcrop in all directions. Inaccessable to any vehicle type for 1.3kms. Small channel	ALS	20110218
Alluvial flats, medium channel	ALS	20110218
Alluvial flats, slight contour, limited sand	ALS	20110218
Alluvial flats, medium channel	ALS	20110218
Mountains both sides. Rubble throughout creek. Small channel	ALS	20110218
Alluvial flats, small channel	ALS	20110218
Alluvial flats, small channel	ALS	20110218
Alluvial flats, small channel	ALS	20110218
Alluvial flats, small channel	ALS	20110311
Alluvial flats, small to medium channel	ALS	20110311
Scattered outcrop all around, rubble filled creek. Small to medium channel	ALS	20110218
Alluvial flats, small channel	ALS	20110218
Semi-solid outcrop all around & throughout creek. Small to medium channel	ALS	20110218
Alluvial flats, small to medium channel	ALS	20110218
Alluvial flats, small to medium channel	ALS	20110218
Solid & scattered outcrop in all directions. Inaccessable to any vehicle type for 700m. Small channel	ALS	20110218
Solid & scattered outcrop in all directions. Inaccessable to any vehicle type for 700m. Small channel	ALS	20110218
Alluvial flats, small to medium channel	ALS	20110218
Alluvial flats, small to medium channel	ALS	20110218
Alluvial flats, small channel	ALS	20110218
Alluvial flats, small to medium channel	ALS	20110218
Alluvial flats, medium channel	ALS	20110218
Alluvial flats, medium channel	ALS	20110218
Alluvial flats, small channel	ALS	20110218
Alluvial flats, medium channel	ALS	20110218
Alluvial flats, small channel	ALS	20110218
Alluvial flats, medium channel	ALS	20110218
Alluvial flats, small to medium channel	ALS	20110218
Solid & scattered outcrop in all directions. Rubble filled creek. Small channel	ALS	20110218
Alluvial flats, small channel	ALS	20110218
Alluvial flats, small channel	ALS	20110218

Alluvial flats, small channel	ALS	20110218
Alluvial flats, small channel	ALS	20110218
Scattered outcropall around & throughout creek. Small channel	ALS	20110218
Scattered outcropall around & throughout creek. Small to medium channel	ALS	20110218
Scattered outcrop upstream. Rubble filled creek. Small channel	ALS	20110218
Alluvial flats, medium channel	ALS	20110218
Alluvial flats, slight contour, limited sand	ALS	20110218
Alluvial flats, small channel	ALS	20110218
Alluvial flats, medium channel	ALS	20110218
Alluvial flats, medium channel	ALS	20110218
Alluvial flats,no sign of any creek channel in vicinity. Soil sample taken	ALS	20110218
Solid & scattered outcrop upstream. Rubble filled creek. Small channel	ALS	20110218
Alluvial flats, small channel	ALS	20110218
Alluvial flats, medium to large channel	ALS	20110218
Alluvial flats, medium channel	ALS	20110218
Alluvial flats, small channel	ALS	20110218
Alluvial flats, small to medium channel	ALS	20110218
Alluvial flats, small channel	ALS	20110218
Mountains all around, scattered outcrop on creek flats. Medium channel	ALS	20110218
Mountains all around, scattered outcrop on creek flats. Medium channel	ALS	20110218
Mountains all around, scattered outcrop on creek flats.Small to medium channel	ALS	20110218
Solid outcrop upstream. Scattered outcrop around & in creek. Small to medium channel	ALS	20110218
Solid & scattered outcrop in all directions. Rubble filled creek. Medium channel. No vehicle access 600m	ALS	20110311
Solid & scattered outcrop in all directions. Rubble filled creek. Medium channel. No vehicle access 600m	ALS	20110218
Solid & scattered outcrop in all directions. Rubble filled creek. Small channel. No vehicle access 400m	ALS	20110311
Solid & scattered outcrop in all directions. Rubble filled creek. Medium channel.	ALS	20110218
Solid outcrop all around. Small to medium channel	ALS	20110311
Alluvial flats, medium channel	ALS	20110311
Alluvial flats, small to medium channel	ALS	20110311
Solid & scattered outcrop in all directions. Rubble filled creek. Small to medium channel. No vehicle access 1.3km	ALS	20110311
100m flats each side. Mountains past this. Medium channel	ALS	20110311
Alluvial flats, small channel	ALS	20110404
Alluvial flats,no sign of any creek channel in vicinity. Soil sample taken	ALS	20110404

Alluvial flats, small channel	ALS	20110404
Alluvial flats, small channel	ALS	20110404
Alluvial flats, small to medium channel	ALS	20110404
Alluvial flats, small channel	ALS	20110404
Alluvial flats,no sign of any creek channel in vicinity. Soil sample taken	ALS	20110404
Solid outcrop all around. Small to medium channel	ALS	20110404
Alluvial flats, small channel	ALS	20110404
Alluvial flats, medium channel	ALS	20110404
Alluvial flats, medium channel	ALS	20110404
Alluvial flats, small channel	ALS	20110404
Alluvial flats, small channel	ALS	20110404
Alluvial flats,no sign of any creek channel in vicinity. Soil sample taken	ALS	20110404
Alluvial flats, small channel	ALS	20110404
Alluvial flats, small to medium channel	ALS	20110404
Alluvial flats, small to medium channel	ALS	20110404
Alluvial flats, small channel	ALS	20110404
Solid outcrop all around. No access 1km, medium channel. Semi-concentrated sample	ALS	20110404
Solid & scattered outcrop all around. Medium channel	ALS	20110404
Solid & scattered outcrop all around. Medium channel	ALS	20110404
Solid outcrop all around. Small to medium channel	ALS	20110404
Solid outcrop all around. Medium channel, no access 300m	ALS	20110404
Solid outcrop all around. Medium channel, no access 200m	ALS	20110404
Solid & scattered outcrop all around. Medium channel, no access 2.5km	ALS	20110412
Solid & scattered outcrop all around. Medium channel, no access 2.5km	ALS	20110412
Solid & scattered outcrop all around. Medium channel, no access 2km	ALS	20110412
Solid outcrop all around. Medium channel, no access 1.5km	ALS	20110412
Solid outcrop all around. Medium channel	ALS	20110412
Scattered outcrop, medium channel	ALS	20110412
Solid outcrop all around, small to medium channel. Panned 15kg sample for transport		
Alluvial flats, no channel visable at sample site		
Alluvial flats, small channel		
Base of mountain, small channel		
Base of mountain, small to medium channel		

Alluvial flats, medium channel
Alluvial flats, small channel
Solid outcrop all around, small to medium channel
Mountain valley, small channel
Mountain valley, small channel
Solid outcrop all around, small channel
Alluvial flats, no channel visable at sample site
Alluvial flats, no channel visable at sample site
Solid outcrop all around, small to medium channel. No access 2km, lighter sample taken for transport
Mountain valley, small to medium channel
Mountain valley, small to medium channel
Mountain valley, small to medium channel
Alluvial flats, small to medium channel
Alluvial flats, small channel
Alluvial flats, small to medium channel
Alluvial flats, small to medium channel
Alluvial flats, small to medium channel
Alluvial flats, small channel
Alluvial flats, slight channel
Alluvial flats, slight channel
Solid outcrop all around, small channel
Solid outcrop all around, small channel
Mountain valley, small to medium channel
Alluvial flats, slight channel
Alluvial flats, no channel visable at sample site
Alluvial flats, no channel visable at sample site
Alluvial flats, no channel visable at sample site
Alluvial flats, no channel visable at sample site
Alluvial flats, no channel visable at sample site
Alluvial flats, slight channel
Alluvial flats, small channel
Alluvial flats, slight channel
Alluvial flats, no channel visable at sample site

Alluvial flats, small channel
Alluvial flats, slight channel
Alluvial flats, small channel
Alluvial flats, small channel
Alluvial flats, small channel
Alluvial flats, small channel
Alluvial flats, small channel
Alluvial flats, small channel
Alluvial flats, small channel
Alluvial flats, small to medium channel
Alluvial flats, small to medium channel
Alluvial flats, small channel
Alluvial flats, no channel visable at sample site
Alluvial flats, small to medium channel
Mountain valley, small channel
Alluvial flats, small channel
Alluvial flats, small channel
Alluvial flats, small channel
Base of mountains, small channel
Base of mountains, small to medium channel
Alluvial flats, no channel visable at sample site
Base of mountains, small channel
Mountain valley, small to medium channel
Base of mountains, small channel
Base of mountains, small to medium channel
Base of mountains, small channel
Alluvial flats, small channel
Alluvial flats, small channel
Alluvial flats, slight channel
Alluvial flats, slight channel
Alluvial flats, slight channel
Alluvial flats, slight channel
Alluvial flats, small channel

Solid outcrop all around, small to medium channel. No access 2.5km. Smaller sample taken for transport
Solid outcrop all around, medium channel. No access 2.5km. Smaller sample taken for transport
Small channel, scattered outcrop all around, no access 1 km. Lighter sample taken for transport.
Alluvial flats, small channel
Small channel, scattered outcrop all around, no access 2.5 km. Lighter sample taken for transport.
Small to medium channel, scattered outcrop all around, no access 2 km. Lighter sample taken for transport.
Small channel, scattered outcrop all around, no access 1.5 km. Lighter sample taken for transport.
Solid outcrop all around, small to medium channel.
Solid outcrop all around, small to medium channel.
Alluvial flats, small to medium channel
Base of mountains, small to medium channel
Base of mountains, small channel
Alluvial flats, small channel
Small to medium channel, scattered outcrop all around, no access 2.5 km. Lighter sample taken for transport.
Small to medium channel, solid outcrop all around, no access 2 km. Lighter sample taken for transport.
Base of mountains, small channel
Solid outcrop all around, small channel.
Solid outcrop all around, small channel.
Solid outcrop all around, small to medium channel.
Base of mountains, small channel
Alluvial flats, slight channel

Despatch	Our_Ref	Results_received_NON_MAG	Batch_	Lab_Report_No	Method	In_ppm	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm
20110418		20110530	8	PH11067055	ME-MS81h		13700	425	193.5	48.2	715
20110418		20110530	8	PH11067055	ME-MS81h		2150	136.5	80	9.2	165.5
20110418		20110530	8	PH11067055	ME-MS81h		8310	347	146.5	23.5	595
20110418		20110530	8	PH11067055	ME-MS81h		14200	536	267	45.6	914
20110418		20110530	8	PH11067055	ME-MS81h		7650	343	172	29.2	486
20110418		20110530	8	PH11067055	ME-MS81h		2620	204	155	19.6	211
20110418		20110530	8	PH11067055	ME-MS81h		1690	149.5	110.5	16.9	150
20110418		20110530	8	PH11067055	ME-MS81h		3860	232	162	23.4	286
20110418		20110530	8	PH11067055	ME-MS81h		3700	295	205	35.2	326
20110602		20110627	10	PH11097084	ME-MS81h		4720	236	150.5	20.1	293
20110602		20110627	10	PH11097084	ME-MS81h		2920	172.5	129	14.2	187.5
20110418		20110530	8	PH11067055	ME-MS81h		1700	155	113.5	13.9	155.5
20110418		20110530	8	PH11067055	ME-MS81h		629	100	72.2	15.5	92.9
20110418		20110530	8	PH11067055	ME-MS81h		748	117	84.8	16.8	108
20110418		20110530	8	PH11067055	ME-MS81h		3220	196.5	137.5	19.4	228
20110418		20110530	8	PH11067055	ME-MS81h		3760	269	207	26.3	283
20110418		20110530	8	PH11067055	ME-MS81h		1050	55.5	29.1	6	77.9
20110418		20110530	8	PH11067055	ME-MS81h		8370	268	102	26.9	487
20110418		20110530	8	PH11067055	ME-MS81h		1090	52.8	27.7	5.9	79.1
20110418		20110530	8	PH11067055	ME-MS81h		1330	69.5	41.3	8.3	90.7
20110418		20110530	8	PH11067055	ME-MS81h		3480	142.5	71.8	15.4	231
20110418		20110530	8	PH11067055	ME-MS81h		9520	353	214	39	515
20110418		20110530	8	PH11067055	ME-MS81h		14000	487	260	53.4	772
20110418		20110530	8	PH11067055	ME-MS81h		NSS	NSS	NSS	NSS	NSS
20110418		20110530	8	PH11067055	ME-MS81h		13400	463	244	49.4	716
20110418		20110530	8	PH11067055	ME-MS81h		6530	287	178	36	409
20110418		20110530	8	PH11067055	ME-MS81h		12050	438	256	47.9	641
20110418		20110530	8	PH11067055	ME-MS81h		6350	262	179.5	26.3	367
20110418		20110530	8	PH11067055	ME-MS81h		3800	242	179.5	25.3	273
20110418		20110530	8	PH11067055	ME-MS81h		1620	93.8	64.2	11.5	108
20110418		20110530	8	PH11067055	ME-MS81h		2220	162	132.5	17.1	169
20110418		20110530	8	PH11067055	ME-MS81h		1240	154.5	124	24.1	146

20110418	20110530	8	PH11067055	ME-MS81h	3730	226	143	24.5	269
20110418	20110530	8	PH11067055	ME-MS81h	3920	211	127.5	19.4	256
20110418	20110530	8	PH11067055	ME-MS81h	3920	211	127.5	19.4	256
20110418	20110530	8	PH11067055	ME-MS81h	836	52.5	33.1	6.6	59.2
20110418	20110530	8	PH11067055	ME-MS81h	469	79.8	61	11.3	65.5
20110418	20110530	8	PH11067055	ME-MS81h	909	115.5	88.4	14.7	101.5
20110418	20110530	8	PH11067055	ME-MS81h	2400	120.5	74.7	12.2	154.5
20110418	20110530	8	PH11067055	ME-MS81h	1400	105	70.9	12	113.5
20110418	20110530	8	PH11067055	ME-MS81h	2030	123.5	82.5	14.7	148.5
20110418	20110530	8	PH11067055	ME-MS81h	2580	178	139	17.2	187.5
20110418	20110530	8	PH11067055	ME-MS81h	4500	204	108.5	21.4	288
20110418	20110530	8	PH11067055	ME-MS81h	1560	139	93.9	18.4	148.5
20110418	20110530	8	PH11067055	ME-MS81h	2770	136.5	75.7	16.4	175
20110418	20110530	8	PH11067055	ME-MS81h	10850	354	146.5	38.9	573
20110418	20110530	8	PH11067055	ME-MS81h	7980	270	118	27.9	418
20110418	20110530	8	PH11067055	ME-MS81h	3660	247	158	17.7	268
20110418	20110530	8	PH11067055	ME-MS81h	4110	190	91.1	19.1	273
20110418	20110530	8	PH11067055	ME-MS81h	1900	135.5	94.1	13.4	151
20110418	20110530	8	PH11067055	ME-MS81h	8350	214	87	22.8	433
20110418	20110530	8	PH11067055	ME-MS81h	593	42.7	26.5	5	45.1
20110418	20110530	8	PH11067055	ME-MS81h	2340	84.3	41.2	8.9	137.5
20110418	20110530	8	PH11067055	ME-MS81h	1470	60.3	31.5	4.9	94.5
20110602	20110627	10	PH11097084	ME-MS81h	3010	110	57.5	10.2	169.5
20110418	20110530	8	PH11067055	ME-MS81h	6200	207	88.7	22.7	389
20110602	20110627	10	PH11097084	ME-MS81h	3630	127	60.1	8.6	211
20110418	20110530	8	PH11067055	ME-MS81h	11300	403	158.5	42.2	727
20110602	20110627	10	PH11097084	ME-MS81h	8160	235	95.6	22.6	437
20110602	20110627	10	PH11097084	ME-MS81h	3360	116.5	52.5	10.6	197.5
20110602	20110627	10	PH11097084	ME-MS81h	4940	153	56.2	13.1	280
20110602	20110627	10	PH11097084	ME-MS81h	2760	119.5	64	8.1	175.5
20110602	20110627	10	PH11097084	ME-MS81h	4930	170	78.1	13.9	282
20110602	20110627	12	PH11097084	ME-MS81h	33400	817	343	97.4	1435
20110602	20110627	12	PH11097084	ME-MS81h	30000	626	242	88.3	1175

20110602	20110627	12	PH11097084	ME-MS81h	49100	938	299	158	1850
20110602	20110627	12	PH11097084	ME-MS81h	45200	1050	320	158.5	2060
20110602	20110627	12	PH11097084	ME-MS81h	45400	898	319	140	1680
20110602	20110627	12	PH11097084	ME-MS81h	50900	1360	460	182	2470
20110602	20110627	12	PH11097084	ME-MS81h	53000	1195	439	175	2220
20110602	20110627	12	PH11097084	ME-MS81h	39200	921	312	126.5	1725
20110602	20110627	12	PH11097084	ME-MS81h	20600	527	215	65.5	883
20110602	20110627	12	PH11097084	ME-MS81h	147000	3460	904	509	6700
20110602	20110627	12	PH11097084	ME-MS81h	47800	1240	454	147	2190
20110602	20110627	12	PH11097084	ME-MS81h	78700	2150	762	288	4080
20110602	20110627	12	PH11097084	ME-MS81h	76000	2380	1015	234	3790
20110602	20110627	12	PH11097084	ME-MS81h	96200	2600	941	330	4000
20110602	20110627	12	PH11097084	ME-MS81h	75100	2240	936	227	3650
20110602	20110627	12	PH11097084	ME-MS81h	50200	1355	500	160	2420
20110602	20110627	12	PH11097084	ME-MS81h	36900	993	421	105	1635
20110602	20110627	12	PH11097084	ME-MS81h	25500	731	331	81.5	1190
20110602	20110627	12	PH11097084	ME-MS81h	1810	66.8	30.7	7.7	100.5
20110602	20110627	12	PH11097084	ME-MS81h	8400	527	326	31.8	587
20110602	20110627	12	PH11097084	ME-MS81h	6860	243	103	24	378
20110602	20110627	12	PH11097084	ME-MS81h	82700	3070	1380	243	4650
20110602	20110627	12	PH11097084	ME-MS81h	42400	1750	873	131.5	2260
20110602	20110627	12	PH11097084	ME-MS81h	65900	2070	807	197	3380
20110602	20110628	13	PH11097089	ME-MS81h	3190	109.5	50.2	18.4	177.5
20110602	20110628	13	PH11097089	ME-MS81h	32900	615	210	103	1205
20110602	20110628	13	PH11097089	ME-MS81h	44500	1110	491	141.5	1745
20110602	20110628	13	PH11097089	ME-MS81h	21500	846	465	69.9	1125
20110602	20110628	13	PH11097089	ME-MS81h	2670	131.5	71	9.8	160
20110602	20110628	13	PH11097089	ME-MS81h	4780	155.5	66.9	17	255

Hf_ppm	Ho_ppm	La_ppm	Lu_ppm	Nb_ppm	Nd_ppm	Pr_ppm	Rb_ppm	Sm_ppm	Sn_ppm	Ta_ppm	Tb_ppm	Th_ppm	Tm_ppm	U_ppm	W_ppm
2810	71	7220	32.2	22	4680	1470	14	886	1.66667	2.9	83.3	3920	24.8	384	15
380	27.3	1040	11.25	51	945	257	41	188	8	3.8	23.3	3370	10.45	266	34
1720	57.5	4080	22.2	61	3390	969	23	736	12	6.6	76.2	4000	19.25	402	42
2560	98.5	7320	42.3	133	5850	1580	16	1080	13	16.2	107.5	>5000	36.1	539	19
709	64.2	4050	22.5	31	3060	842	30	588	16	3.7	64.2	3710	21.9	353	36
4170	46.6	1300	36.9	122	1175	311	23	234	39	12.1	32.7	949	24.8	268	90
2500	33.7	822	24.6	126	766	202	24	163	30	12.5	24	639	17.1	175.5	24
4880	50	1940	40.1	89	1640	445	19	324	17	9.3	40.1	1235	25.6	365	52
4900	63.4	1860	44.6	259	1665	441	28	356	51	24.9	50.6	1250	31.6	387	118
2670	43.3	2330	27.2	97	1765	480	25	347	18	9.2	38.6	1495	21.4	217	72
4030	34.6	1460	27.6	245	1095	293	12	210	32	22.2	25.9	1070	19.9	192	29
2090	35	809	22.7	155	781	202	31	162	42	18.8	24.2	747	16.75	156	146
893	22.3	289	13.3	164	356	85.2	47	91.2	42	16.7	15.85	221	10.6	75.6	30
1170	26.3	359	16.1	178	421	102.5	58	104	57	19.2	17.85	261	12.6	101	73
2920	43	1620	29.5	201	1375	372	20	269	35	20.8	33.5	1275	21	220	69
4630	61.8	1800	48.4	148	1550	410	16	309	28	14.9	42.8	1055	33.2	308	15
213	10.5	609	4.44	20	522	141	18	94.8	6	2.1	10.25	409	3.75	44.4	15
909	43.8	4390	13.2	29	3370	961	15	631	7	3.5	58.5	2920	12.1	275	253
247	9.93	613	4.29	17	529	142.5	21	97.8	6	1.7	10.35	404	3.62	46.3	16
570	13.95	692	7.39	35	589	159	19	109	11	3.6	12.2	499	5.82	79.4	7
1190	26.6	1810	13.2	38	1505	409	18	279	11	3.7	28.4	1080	9.97	156	5
5510	70	5040	45.2	144	3400	1010	9	644	20	13.3	67.8	2710	31.7	402	16
5230	91.9	7470	47.7	119	4820	1535	10	967	37	12.1	96.6	4210	35.7	478	11
NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
3750	88.4	7150	41	82	4540	1430	22	899	14	8.9	89.4	4190	32.6	416	11
3870	58.3	3470	35.9	221	2620	717	15	485	30	20	52.2	2010	25.9	299	17
6020	85.9	6540	51.9	87	4160	1285	13	815	13	8.5	82.6	3680	36.9	473	11
6310	54.5	3310	46.4	97	2470	677	5	447	11	9.2	46.8	1985	28.4	363	10
5130	53.5	1920	44.4	136	1610	438	15	316	25	12.4	39.8	1445	28.5	341	85
1350	20.3	832	13.6	85	698	188	38	124	16	7.9	15.65	554	9.86	118	92
4860	37.9	1020	34.5	146	977	257	19	192	29	12.4	25.3	721	22	247	31
3700	35.9	600	29.5	235	630	153	30	145.5	86	19	23.8	449	19.85	200	18

3110	42.2	1910	28.9	135	1615	423	36	295	52	12.3	34.2	1160	22	226	25
2430	38	1980	24.5	169	1625	431	33	285	44	23.7	31.5	1265	19.15	214	10
2430	38	1980	24.5	169	1625	431	33	285	44	23.7	31.5	1265	19.15	214	10
471	9.82	464	5.81	50	340	92.7	35	62.1	10	4.8	7.78	295	4.85	48.9	37
1190	16.6	205	12.25	127	247	58.2	36	58.5	36	11.8	10.35	222	9.49	87.5	19
2530	23.6	451	20.5	163	444	110	35	95.1	28	20.3	15.55	355	14.2	150	155
1630	22.4	1270	15.7	71	978	256	20	170.5	18	6.9	18.6	808	11.5	131	8
1760	20	765	15.65	84	650	171	21	122.5	14	8.2	15.15	480	11.2	126	52
2160	23.4	1060	17.7	121	865	225	23	162.5	22	12.3	18.65	682	12.8	155	14
4630	36.8	1310	35.5	114	1095	279	12	202	15	12.3	24.8	870	23.4	271	12
1980	34.8	2320	20	93	1910	503	16	335	14	9	33.3	1305	15.75	198	9
2030	26.6	854	19.15	173	770	194	35	156.5	34	15.7	20	567	14.45	141.5	17
1180	24	1430	13	72	1155	309	29	201	31	6.6	21.5	820	10.95	120	12
428	55.1	5930	14.6	40	3990	1105	22	688	10	3.8	63.3	3170	17.45	212	23
807	42.8	4380	14.3	25	3030	849	21	506	9	2.7	46.9	2320	14.95	206	41
3650	46.6	1830	32.3	188	1495	395	24	284	40	17.5	35.4	1790	24.8	305	34
815	31.3	2210	12.55	58	1780	476	29	312	23	5	32.6	1465	12.15	166.5	28
2610	26.4	968	21.9	177	844	220	22	160.5	16	15.6	19.75	830	15.15	207	52
670	31.5	4530	12.15	27	3340	899	19	552	8	2.6	41.3	2580	11.45	201	53
139	7.99	316	4.12	27	265	69.9	22	48.9	8	2.6	6.09	237	3.8	25.2	1.66667
269	13.85	1230	5.73	17	1000	266	21	168.5	6	1.6	14.95	738	5.52	72.8	27
92	10.15	850	4.44	5	678	178	15	113.5	1.66667	0.6	10.2	421	4.34	42.9	29
365	18.55	1540	8.07	24	1180	317	28	211	12	2.2	19.95	1105	7.56	75.5	16
750	31.2	3290	12.85	22	2650	701	28	477	8	2.3	39.1	2840	11.75	169	18
405	20.1	1840	7.99	37	1385	375	35	258	7	3.6	24.1	1205	7.84	93.2	25
82	60.4	5920	16.55	21	4650	1230	35	870	9	0.8	76.4	4510	18.95	248	6
526	34.6	4170	11.65	15	3130	821	38	563	8	2.1	47.6	2920	11.3	163	19
337	18.1	1710	6.63	28	1305	348	35	241	11	2.6	22.2	1175	6.63	80.9	15
121	21.4	2490	5.94	11	1885	512	25	350	6	1.1	31.6	1600	6.5	107.5	28
171	20.4	1380	8.24	18	1090	290	54	209	7	1.7	21.2	1230	8.53	77.5	8
399	26.6	2500	9.66	16	1915	513	50	346	9	1.5	32.1	1785	9.84	117.5	12
848	125	17600	39.3	43	12500	3550	23	1940	9	13.7	158.5	>5000	42.9	518	14
571	93.2	16050	25.9	37	10900	3160	21	1625	7	15.1	125	>5000	29.9	429	9

253	127	28900	24.7	92	18200	5600	29	2640	16	38.8	200	>5000	33	633	69
230	141.5	26600	22.5	38	17550	5300	23	2790	12	5.3	227	>5000	33.1	674	15
277	129	24600	27.9	113	15850	4730	38	2340	16	48.1	187.5	>5000	36.5	603	72
265	189	29400	39.3	24	20300	6000	29	3310	10	4.2	281	>5000	51.6	1005	9
458	173.5	31900	44	85	20400	5800	31	3090	12	38.7	244	>5000	52.6	874	51
303	131.5	20800	25.5	22	14700	4190	33	2360	10	2.8	191.5	>5000	34.8	610	36
470	79.6	10900	23	63	7460	2160	36	1205	10	21.8	101.5	>5000	26.8	323	24
251	430	75100	53.2	6	60100	18000	12	11000	<5	2.8	791	>5000	87.6	1170	9
230	184	25100	37.6	21	17850	5300	26	2960	8	5.3	249	>5000	51.6	590	16
241	310	43600	68.2	26	33300	9400	23	5700	9	6.2	445	>5000	89.8	834	10
303	372	43000	106.5	20	30500	9000	23	4980	6	4.9	451	>5000	127	1435	13
263	376	51300	84	15	41200	11200	17	6300	39	4.4	522	>5000	108	1620	13
414	345	44000	96.9	26	29900	8700	21	4840	11	7.1	423	>5000	115.5	1425	14
654	197.5	28100	48.3	25	20300	6000	22	3310	16	4.4	271	>5000	59.5	824	8
2050	153	19300	49.5	98	13300	3790	19	2190	22	14.9	191.5	>5000	54.2	652	14
3840	116.5	13300	47.6	96	9340	2650	16	1560	16	9.8	138.5	>5000	44.9	559	11
83	10.8	912	3.68	14	713	194	16	126.5	8	1.8	12.05	512	3.96	40	34
358	104	4350	51.3	39	3460	954	20	656	17	11.2	84.5	>5000	48.5	415	39
157	40	3590	11.45	106	2660	721	17	470	8	56.5	45.4	1850	12.85	166	33
130	531	46500	133.5	10	33000	9800	15	5400	<5	6.1	545	>5000	168	2190	49
124	316	22600	103	24	16550	4590	23	2720	8	23.2	299	>5000	117	1100	120
204	333	36000	72.1	8	26500	7800	25	4260	7	2.5	397	>5000	93.5	1305	36
100	20.2	1610	6.07	32	1320	372	23	233	12	1.7	23	1010	6.85	83.8	<5
17	99	17650	19.2	16	10800	3330	24	1635	10	0.5	144.5	>5000	25.7	530	18
16	203	24000	49	25	15000	4520	27	2350	11	1.3	236	>5000	64.2	772	50
18	170.5	11400	55	11	7750	2270	27	1330	9	0.9	164	>5000	65.4	639	58
107	26.4	1370	9.47	18	1055	305	30	188	7	2.4	24.7	1200	10.1	98	10
215	27.7	2460	8.27	18	1915	553	16	322	9	1.8	33.6	1555	9	130	26

Y_ppm	Yb_ppm	Zr_ppm	Ce_%	La_%	Nd_%	Pr_%	Sm_%	Method_2	Al2O3_%	As_%	BaO_%	CaO_%	Cl_%	Co_%	Cr2O3_%
1690	178	>50000	0	0	0	0	0	ME-XRF12	9.99	0.014	0.034	4.73	0.025	0.000333	0.031
717	72	13800	0	0	0	0	0	ME-XRF12	15.3	0.001	0.000333	7.85	0.03	0.003	0.042
1550	130	>50000	0	0	0	0	0	ME-XRF12	14.9	0.009	0.005	6.89	0.026	0.001	0.058
2610	246	>50000	0	0	0	0	0	ME-XRF12	11.7	0.013	0.000333	3.77	0.007	0.000333	0.062
1560	142.5	26300	0	0	0	0	0	ME-XRF12	13.5	0.003	0.003	9.19	0.028	0.003	0.063
1150	192	>50000	0	0	0	0	0	ME-XRF12	7.64	0.019	0.005	5.92	0.022	0.000333	0.005
817	132.5	>50000	0	0	0	0	0	ME-XRF12	11.15	0.012	0.002	7.29	0.031	0.000333	0.008
1250	205	>50000	0	0	0	0	0	ME-XRF12	8.47	0.021	0.007	4.72	0.014	0.000333	0.002
1590	241	>50000	0	0	0	0	0	ME-XRF12	7.13	0.022	0.008	7.65	0.015	0.000333	0.004
1340	160	>50000	0	0	0	0	0	ME-XRF12	12.65	0.013	0.008	6.37	0.034	<0.001	0.012
1120	155.5	>50000	0	0	0	0	0	ME-XRF12	10.05	0.018	0.023	6.79	0.004	<0.001	0.004
824	127	>50000	0	0	0	0	0	ME-XRF12	12.2	0.013	0.005	9.61	0.041	0.000333	0.011
584	77.6	39200	0	0	0	0	0	ME-XRF12	13.35	0.004	0.008	12.55	0.086	0.002	0.015
647	93.8	48300	0	0	0	0	0	ME-XRF12	12.15	0.005	0.000333	11.95	0.085	0.003	0.02
1130	157.5	>50000	0	0	0	0	0	ME-XRF12	8.16	0.015	0.000333	7.13	0.021	0.000333	0.005
1620	257	>50000	0	0	0	0	0	ME-XRF12	8.13	0.021	0.007	5.49	0.014	0.000333	0.001
267	26.8	8350	0	0	0	0	0	ME-XRF12	12.5	0.007	0.000333	10.5	0.034	0.000333	0.263
1000	77.4	38400	0	0	0	0	0	ME-XRF12	11.8	0.004	0.000333	8.8	0.029	0.002	0.078
256	25.5	10200	0	0	0	0	0	ME-XRF12	12.25	0.000333	0.014	10.35	0.041	0.006	0.06
361	43.1	23000	0	0	0	0	0	ME-XRF12	12.6	0.002	0.005	10.45	0.042	0.004	0.036
633	72.7	>50000	0	0	0	0	0	ME-XRF12	13.65	0.006	0.001	9.34	0.038	0.002	0.034
1850	237	>50000	0	0	0	0	0	ME-XRF12	4.15	0.024	0.000333	3.07	0.001	0.000333	0.003
2320	258	>50000	0	0	0	0	0	ME-XRF12	5.89	0.023	0.000333	3.1	0.000333	0.000333	0.005
NSS	NSS	NSS	0	0	0	0	0	ME-XRF12	4.14	0.009	0.000333	2.14	0.000333	0.000333	0.000333
2150	230	>50000	0	0	0	0	0	ME-XRF12	9.42	0.017	0.048	4.54	0.01	0.000333	0.022
1490	192.5	>50000	0	0	0	0	0	ME-XRF12	5.58	0.018	0.006	5.03	0.009	0.000333	0.011
2250	279	>50000	0	0	0	0	0	ME-XRF12	5.61	0.025	0.004	2.64	0.000333	0.000333	0.013
1460	230	>50000	0	0	0	0	0	ME-XRF12	1.6	0.028	0.000333	1.16	0.000333	0.000333	0.000333
1430	227	>50000	0	0	0	0	0	ME-XRF12	4.57	0.025	0.000333	4.24	0.006	0.000333	0.012
537	74.2	>50000	0	0	0	0	0	ME-XRF12	14.4	0.006	0.013	9.08	0.04	0.002	0.031
972	175	>50000	0	0	0	0	0	ME-XRF12	5	0.023	0.000333	4.56	0.013	0.000333	0.000333
936	156	>50000	0	0	0	0	0	ME-XRF12	7.75	0.018	0.005	8.23	0.015	0.000333	0.009

1190	155.5	>50000	0	0	0	0	0	ME-XRF12	11.15	0.015	0.007	4.77	0.022	0.000333	0.203
1090	132	>50000	0	0	0	0	0	ME-XRF12	10.9	0.012	0.003	5.73	0.022	0.000333	0.046
1090	132	>50000	0	0	0	0	0	ME-XRF12	10.9	0.012	0.003	5.73	0.022	0.000333	0.046
302	33.3	18900	0	0	0	0	0	ME-XRF12	12.65	0.001	0.009	9.53	0.063	0.004	0.035
507	67.8	48200	0	0	0	0	0	ME-XRF12	11.45	0.005	0.007	10.95	0.054	0.003	0.032
721	107.5	>50000	0	0	0	0	0	ME-XRF12	8.62	0.013	0.001	8.56	0.036	0.000333	0.014
706	84	>50000	0	0	0	0	0	ME-XRF12	11.05	0.008	0.011	6.82	0.025	0.002	0.057
613	82.4	>50000	0	0	0	0	0	ME-XRF12	9.86	0.009	0.003	9	0.033	0.000333	0.025
726	94.3	>50000	0	0	0	0	0	ME-XRF12	10.85	0.01	0.036	8.99	0.027	0.000333	0.015
1140	180.5	>50000	0	0	0	0	0	ME-XRF12	6.88	0.022	0.000333	4.23	0.000333	0.000333	0.002
990	109.5	>50000	0	0	0	0	0	ME-XRF12	11.25	0.01	0.015	6.8	0.013	0.000333	0.021
805	103	>50000	0	0	0	0	0	ME-XRF12	8.43	0.01	0.016	8.17	0.057	0.000333	0.01
705	74.4	49500	0	0	0	0	0	ME-XRF12	10.95	0.006	0.032	9.78	0.045	0.002	0.057
1450	96.7	17300	0	0	0	0	0	ME-XRF12	11.3	0.003	0.003	10.15	0.043	0.002	0.046
1160	88.5	32700	0	0	0	0	0	ME-XRF12	10.95	0.004	0.000333	9.32	0.034	0.002	0.051
1350	175	>50000	0	0	0	0	0	ME-XRF12	6.47	0.018	0.000333	5.19	0.019	0.000333	0.005
878	77.5	33600	0	0	0	0	0	ME-XRF12	12.65	0.004	0.000333	9.63	0.027	0.003	0.039
785	114	>50000	0	0	0	0	0	ME-XRF12	6.83	0.013	0.000333	6.3	0.035	0.000333	0.013
879	71.4	26400	0	0	0	0	0	ME-XRF12	15.3	0.004	0.002	4.74	0.011	0.000333	0.027
235	25.1	5300	0	0	0	0	0	ME-XRF12	13.25	0.000333	0.005	9.08	0.034	0.003	0.037
397	36	10600	0	0	0	0	0	ME-XRF12	14.05	0.001	0.000333	7.24	0.018	0.003	0.047
300	28.4	3740	0	0	0	0	0	ME-XRF12	16.35	0.000333	0.000333	5.56	0.007	0.002	0.026
538	51.8	13500	0	0	0	0	0	ME-XRF12	13.95	0.001	0.008	8.23	0.037	0.003	0.035
859	75.5	29200	0	0	0	0	0	ME-XRF12	11.65	0.005	0.000333	8.42	0.018	0.001	0.039
589	51.8	14900	0	0	0	0	0	ME-XRF12	15.7	0.001	0.009	6.26	0.021	0.002	0.025
1610	109	4930	0	0	0	0	0	ME-XRF12	12.6	0.003	0.005	8.97	0.028	0.000333	0.046
990	74.2	19600	0	0	0	0	0	ME-XRF12	14.9	0.003	0.003	8.23	0.033	0.001	0.039
529	43.9	12300	0	0	0	0	0	ME-XRF12	13.95	0.001	0.005	9.06	0.033	0.003	0.035
600	40.2	4260	0	0	0	0	0	ME-XRF12	14.4	<0.001	0.003	8.41	0.026	0.002	0.036
623	55.9	6140	0	0	0	0	0	ME-XRF12	16.6	<0.001	0.008	6.67	0.033	0.002	0.034
779	63.2	14200	0	0	0	0	0	ME-XRF12	16	0.002	0.003	7.42	0.034	0.002	0.032
3750	250	31000	0	0	0	0	0	ME-XRF12	13.1	0.009	<0.001	3.38	0.014	<0.001	0.037
2770	165.5	22100	0	0	0	0	0	ME-XRF12	12	0.007	0.005	4.32	0.008	<0.001	0.025

3750	167.5	9750	4.91	0	0	0.56	0	ME-XRF12	7.69	0.009	0.004	8.73	0.028	<0.001	0.069
4260	163	6950	4.52	0	0	0.53	0	ME-XRF12	8.58	0.007	0.004	10.55	0.03	<0.001	0.048
3840	194	10100	0	0	0	0	0	ME-XRF12	10.15	0.007	0.011	8.73	0.032	<0.001	0.058
5570	270	9750	5.09	0	0	0.6	0	ME-XRF12	9.55	0.009	<0.001	7.23	0.023	<0.001	0.042
5360	289	20000	5.3	0	0	0.58	0	ME-XRF12	8.13	0.011	0.001	5.28	0.018	<0.001	0.047
3840	176	13200	0	0	0	0	0	ME-XRF12	9.43	0.006	0.008	9.07	0.039	<0.001	0.062
2440	151	18200	0	0	0	0	0	ME-XRF12	11.5	0.004	0.007	9.37	0.043	0.002	0.055
12000	388	8280	14.7	7.51	6.01	1.8	1.1	ME-XRF12	2.67	0.015	0.005	2.47	<0.001	<0.001	0.048
5450	262	7510	0	0	0	0.53	0	ME-XRF12	9.24	0.005	0.007	8.57	0.033	<0.001	0.05
9090	468	8720	7.87	0	0	0.94	0.57	ME-XRF12	7.11	0.011	0.004	6.83	0.012	<0.001	0.049
11750	714	10500	7.6	0	0	0.9	0	ME-XRF12	6.41	0.013	0.007	4.72	0.009	<0.001	0.037
11200	569	9870	9.62	5.13	0	1.12	0.63	ME-XRF12	5.2	0.014	<0.001	3.47	0.005	<0.001	0.043
10950	646	18400	7.51	0	0	0.87	0	ME-XRF12	6.3	0.013	0.004	4.1	0.009	<0.001	0.038
5890	322	25900	5.02	0	0	0.6	0	ME-XRF12	9.02	0.01	<0.001	5.85	0.02	<0.001	0.042
4850	314	>50000	0	0	0	0	0	ME-XRF12	9.31	0.012	<0.001	5.85	0.022	<0.001	0.028
3650	276	>50000	0	0	0	0	0	ME-XRF12	7.58	0.017	<0.001	4.59	0.015	<0.001	0.018
326	23.7	3180	0	0	0	0	0	ME-XRF12	11.6	<0.001	0.007	10.55	0.046	0.005	0.041
3200	344	12300	0	0	0	0	0	ME-XRF12	12	0.002	0.001	9.06	0.03	0.004	0.045
1110	81.3	5610	0	0	0	0	0	ME-XRF12	12.1	<0.001	0.003	9.2	0.024	0.004	0.045
15450	972	4150	8.27	0	0	0.98	0.54	ME-XRF12	9.13	0.008	<0.001	2.82	0.001	<0.001	0.043
9410	737	3860	0	0	0	0	0	ME-XRF12	11.15	0.005	<0.001	5.46	0.013	<0.001	0.04
9270	540	6700	6.59	0	0	0.78	0	ME-XRF12	8.51	0.007	0.002	5.16	0.012	<0.001	0.057
558	37.7	4270	0	0	0	0	0	ME-XRF12	10.6	<0.001	0.014	13.45	0.059	0.007	0.097
2540	123.5	1410	0	0	0	0	0	ME-XRF12	8.66	0.005	0.008	9.48	0.034	0.002	0.07
5520	325	520	0	0	0	0	0	ME-XRF12	11.4	0.005	0.015	10.9	0.024	<0.001	0.057
4780	352	820	0	0	0	0	0	ME-XRF12	12.95	0.002	0.005	7.71	0.016	0.002	0.045
770	58	3830	0	0	0	0	0	ME-XRF12	13.65	<0.001	0.005	9.16	0.025	0.004	0.046
761	49.8	8120	0	0	0	0	0	ME-XRF12	11.2	0.007	<0.001	9.46	0.026	<0.001	0.175

Cu_%	Fe2O3_%	K2O_%	MgO_%	MnO_%	Mo_%	Na2O_%	Ni_%	P2O5_%	Pb_%	Sb2O3_%	SiO2_%	SnO2_%	SO3_%	SrO_%
0.000333	14.3	0.377	3.92	0.762	0.357	0.385	0.003	2.3	0.000333		32.7		0.000333	
0.000333	20.4	0.748	6.81	0.704	0.364	0.687	0.014	0.633	0.000333		41.9		0.000333	
0.000333	19.95	0.619	5.82	0.817	0.548	0.66	0.016	1.52	0.000333		40.7		0.000333	
0.000333	16.45	0.256	2.67	0.684	0.129	0.248	0.053	1.855	0.000333		28.4		0.000333	
0.000333	17.95	0.746	7.1	0.726	0.72	0.721	0.027	1.54	0.000333		41.1		0.000333	
0.000333	12.15	0.417	2.09	0.603	0.494	0.354	0.001	0.803	0.000333		31.2		0.000333	
0.000333	16.2	0.498	2.52	0.751	0.738	0.345	0.003	0.654	0.000333		34		0.000333	
0.000333	10.65	0.33	1.63	0.7	0.716	0.268	0.000333	0.841	0.000333		31.4		0.000333	
0.000333	6.38	0.333	1.17	0.431	0.475	0.228	0.000333	0.712	0.000333		31.4		0.000333	
<0.001	17.8	0.586	1.84	1.235	0.571	0.309	<0.001	0.935	<0.001	<0.001	34.6	0.015	<0.001	<0.001
<0.001	12.4	0.175	1.09	0.529	0.796	0.175	<0.001	0.545	<0.001	<0.001	31.8	0.021	<0.001	0.005
0.000333	19.25	0.795	2.63	0.754	0.258	0.571	0.005	0.645	0.000333		39.8		0.000333	
0.003	16.7	1.155	2.76	0.492	0.222	0.642	0.008	0.608	0.000333		40.2		0.000333	
0.003	16.05	1.145	2.75	0.403	0.564	0.62	0.011	0.645	0.000333		38		0.000333	
0.000333	14.1	0.408	1.43	0.607	0.581	0.306	0.001	0.697	0.000333		29.2		0.000333	
0.000333	10	0.284	1.05	0.862	0.023	0.217	0.000333	0.73	0.000333		30		0.000333	
0.000333	16.45	0.806	9.57	0.412	0.239	0.836	0.017	0.34	0.000333		44.8		0.000333	
0.000333	18.25	0.667	8.73	0.643	0.067	0.79	0.015	1.345	0.000333		41.7		0.000333	
0.003	17.2	0.872	9.31	0.42	0.126	0.926	0.018	0.315	0.005		44.5		0.000333	
0.005	19	0.888	7.02	0.554	0.254	0.851	0.011	0.593	0.000333		41.9		0.000333	
0.000333	18.25	0.766	6.18	0.575	0.969	0.709	0.01	0.747	0.000333		41		0.000333	
0.000333	9.21	0.155	1.02	0.467	0.732	0.223	0.000333	1.27	0.000333		25.1		0.000333	
0.000333	9.23	0.148	1.06	0.546	0.645	0.197	0.000333	1.84	0.000333		25.7		0.000333	
0.000333	4.57	0.161	0.99	0.164	0.285	0.083	0.000333	0.74	0.000333		12.15		0.000333	
0.000333	12.55	0.361	1.73	0.376	0.676	0.314	0.002	1.785	0.000333		28.3		0.015	
0.000333	15.6	0.271	1.24	0.455	0.993	0.24	0.000333	0.989	0.000333		25.5		0.000333	
0.000333	8.75	0.191	1.11	0.373	1.115	0.251	0.000333	1.665	0.000333		26.1		0.000333	
0.000333	11.1	0.075	0.42	0.385	0.904	0.16	0.000333	0.941	0.000333		22		0.000333	
0.000333	9.74	0.246	0.9	0.442	0.3	0.243	0.011	0.727	0.000333		27.4		0.000333	
0.002	18.05	0.749	4.43	0.42	0.902	0.606	0.011	0.576	0.000333		40.6		0.000333	
0.000333	12.4	0.361	1.08	0.442	0.674	0.277	0.000333	0.498	0.000333		27.3		0.000333	
0.000333	9.23	0.427	0.98	0.347	0.647	0.236	0.007	0.386	0.000333		31		0.000333	

0.000333	17.45	0.542	1.52	0.421	0.509	0.23	0.249	0.778	0.000333		29.1		0.000333	
0.000333	19.85	0.57	2.64	0.463	0.118	0.345	0.038	0.801	0.000333		31.1		0.000333	
0.000333	19.85	0.57	2.64	0.463	0.118	0.345	0.038	0.801	0.000333		31.1		0.000333	
0.001	19.85	0.972	6.31	0.426	0.102	0.909	0.011	0.334	0.000333		41.7		0.000333	
0.004	16.9	0.818	4.4	0.369	0.27	0.656	0.01	0.398	0.000333		37.9		0.000333	
0.000333	15.5	0.617	2.7	0.384	0.495	0.458	0.002	0.453	0.000333		32.4		0.000333	
0.004	21.1	0.463	4.44	0.558	0.394	0.364	0.052	0.404	0.000333		34.2		0.000333	
0.000333	15.25	0.673	5.19	0.42	0.372	0.646	0.005	0.634	0.000333		37		0.000333	
0.001	14.7	0.549	3.47	0.549	0.447	0.525	0.004	0.464	0.000333		35.3		0.000333	
0.000333	11.55	0.197	1.64	0.494	0.804	0.24	0.000333	0.475	0.000333		28.2		0.000333	
0.000333	17.95	0.43	3.52	0.754	0.411	0.38	0.003	0.732	0.000333		32.6		0.000333	
0.002	18.25	0.907	3.06	0.503	0.427	0.63	0.002	0.487	0.000333		33.8		0.000333	
0.003	16.25	0.79	5.81	0.398	0.259	0.703	0.037	0.925	0.000333		38		0.000333	
0.000333	16.05	0.727	6.89	0.435	0.102	0.763	0.008	1.965	0.000333		37.9		0.000333	
0.001	16	0.731	7.32	0.431	0.171	0.773	0.01	1.375	0.000333		39.1		0.000333	
0.000333	14.75	0.529	1.78	0.604	0.689	0.422	0.000333	0.874	0.000333		28.8		0.000333	
0.004	17.75	0.749	5.77	0.607	0.196	0.576	0.009	1.28	0.000333		38.4		0.000333	
0.000333	17.6	0.748	3.84	0.52	0.472	0.675	0.001	0.596	0.000333		30.3		0.000333	
0.000333	25.4	0.402	4.17	1.025	0.165	0.269	0.003	1.455	0.000333		34.9		0.000333	
0.005	21.1	0.868	7.15	0.649	0.049	0.766	0.008	0.529	0.000333		41.1		0.000333	
0.003	21.9	0.559	7.26	0.773	0.081	0.601	0.012	0.633	0.000333		40.3		0.000333	
0.002	26.2	0.409	6.39	0.86	0.039	0.435	0.006	0.354	0.000333		39.4		0.000333	
0.001	21.8	0.795	6.67	0.877	0.071	0.611	0.003	0.927	<0.001	<0.001	41.4	0.003	<0.001	0.005
0.006	19.05	0.665	5.85	0.879	0.191	0.625	0.007	1.82	0.000333		36.8		0.000333	
0.001	24	0.686	5.56	0.867	0.074	0.439	0.001	0.749	<0.001	<0.001	40.4	0.003	<0.001	0.003
0.000333	18.7	0.85	5.12	0.967	0.112	0.533	0.007	3.52	0.000333		34.2		0.000333	
<0.001	21.9	0.745	5.65	1.045	0.117	0.453	0.001	2.89	<0.001	<0.001	38.3	0.003	<0.001	0.001
<0.001	20.6	0.802	6.87	0.669	0.066	0.613	0.004	1.48	<0.001	<0.001	40.8	0.003	<0.001	0.007
<0.001	22.2	0.649	7.12	0.777	0.025	0.633	0.002	1.36	<0.001	<0.001	41.5	0.001	<0.001	0.001
0.001	23.8	0.877	6.11	0.969	0.033	0.424	0.005	0.907	<0.001	<0.001	40.3	0.002	<0.001	0.006
<0.001	22.1	0.92	5.86	0.865	0.074	0.51	0.002	1.35	<0.001	<0.001	40.2	0.004	<0.001	0.005
<0.001	14.8	0.47	3.18	0.494	0.183	0.242	0.004	3.85	<0.001	<0.001	33.5	<0.001	0.081	0.003
<0.001	10.45	0.538	4.08	0.27	0.077	0.301	0.003	3.43	<0.001	<0.001	40.9	<0.001	0.226	0.024

<0.001	9.18	0.527	5.15	0.248	0.143	0.528	0.007	7.07	<0.001	<0.001	28.8	0.002	<0.001	0.006
<0.001	9.71	0.448	4	0.187	0.074	0.483	0.004	7.79	<0.001	<0.001	28.3	0.005	0.02	0.01
<0.001	11.3	0.583	4.55	0.28	0.103	0.49	0.005	5.94	<0.001	<0.001	30	0.001	0.003	0.014
<0.001	10.85	0.431	3.05	0.247	0.149	0.398	0.002	7.19	<0.001	<0.001	26.2	<0.001	0.015	<0.001
<0.001	9.62	0.436	2.96	0.244	0.249	0.395	<0.001	7.37	<0.001	<0.001	23.6	0.001	0.004	<0.001
<0.001	10.85	0.547	5.86	0.216	0.103	0.586	0.009	5.3	<0.001	<0.001	32.9	0.002	0.005	0.043
<0.001	13.9	0.685	6.21	0.366	0.097	0.604	0.013	2.89	<0.001	<0.001	37	0.004	<0.001	0.047
<0.001	2.28	0.103	0.64	0.025	0.151	0.399	<0.001	15.8	<0.001	<0.001	9.55	<0.001	0.057	<0.001
<0.001	10.9	0.541	5.27	0.226	0.054	0.626	0.005	6.19	<0.001	<0.001	31.5	0.002	<0.001	<0.001
<0.001	5.44	0.289	2.11	0.096	0.135	0.39	<0.001	9.81	<0.001	<0.001	21	<0.001	0.034	<0.001
<0.001	7.34	0.295	2.19	0.186	0.241	0.383	<0.001	9.04	<0.001	<0.001	21	<0.001	<0.001	<0.001
<0.001	5	0.18	1.24	0.115	0.227	0.334	<0.001	11.35	<0.001	<0.001	15.5	0.002	0.021	<0.001
<0.001	7.22	0.271	1.93	0.198	0.273	0.37	<0.001	9.08	<0.001	<0.001	19.85	<0.001	<0.001	<0.001
<0.001	10.75	0.397	3.18	0.3	0.164	0.453	0.001	6	<0.001	<0.001	26.6	0.003	0.037	<0.001
<0.001	11.25	0.333	2.46	0.373	0.335	0.343	<0.001	4.53	<0.001	<0.001	27.4	0.007	<0.001	<0.001
<0.001	9.77	0.281	2.27	0.378	0.627	0.325	<0.001	2.99	<0.001	<0.001	27.7	0.013	<0.001	<0.001
0.003	18.3	0.919	8.76	0.412	0.015	0.92	0.015	0.35	<0.001	<0.001	45	0.005	0.069	0.006
<0.001	17.75	0.676	7.23	0.633	0.067	0.697	0.014	1.455	<0.001	<0.001	39	0.005	<0.001	<0.001
<0.001	18.4	0.655	8.79	0.655	0.032	0.765	0.016	1.02	<0.001	<0.001	41.6	0.005	<0.001	<0.001
<0.001	10.55	0.185	2.19	1.055	0.032	0.321	<0.001	10.45	<0.001	<0.001	19.75	<0.001	<0.001	<0.001
<0.001	14.9	0.444	4.94	0.79	0.033	0.49	0.007	5.68	<0.001	<0.001	30	<0.001	<0.001	<0.001
<0.001	10	0.454	4.72	0.496	0.075	0.508	0.004	8.25	<0.001	<0.001	25.2	0.001	0.002	<0.001
0.003	14.7	0.735	9.6	0.294	0.028	0.803	0.038	1.77	0.001	<0.001	41.3	0.006	<0.001	0.112
<0.001	11.6	0.592	7.34	0.24	0.092	0.656	0.009	4.77	<0.001	<0.001	33.4	0.001	<0.001	0.003
<0.001	12.4	0.519	5.29	0.313	0.036	0.618	0.01	7.2	<0.001	<0.001	33.4	0.004	0.012	0.012
<0.001	17.8	0.501	5.41	1.17	0.047	0.504	0.01	3.44	<0.001	<0.001	34.7	0.003	<0.001	0.002
<0.001	18.8	0.828	7.89	0.535	0.023	0.832	0.015	0.519	<0.001	<0.001	42	0.001	<0.001	0.005
<0.001	16.25	0.826	7.03	0.428	0.044	0.738	0.009	0.751	<0.001	<0.001	38.3	<0.001	<0.001	<0.001

Ta2O5_%	ThO2_%	TiO2_%	U_%	V2O5_%	W_%	Y2O3_%	Zn_%	ZrO2_%	LOI_1000_%
		1.46		0.032			0.000333		0.16
		1.56		0.057			0.019		0.9
		2.85		0.053			0.037		0.25
		4.58		0.043			0.012		0.08
		2.25		0.062			0.017		0.6
		4.63		0.031			0.001		0.51
		5.01		0.033			0.007		0.2
		3.36		0.019			0.000333		0.3
		6.35		0.03			0.000333		0.68
0.015	0.006	4.69	0.035	0.035	0.064	0.124	0.006	17.05	0.45
0.024	0.005	9.84	0.036	0.042	0.054	0.128	0.001	24.3	0.52
		8.45		0.055			0.011		0.46
		6.4		0.056			0.013		0.93
		6.18		0.057			0.014		1.05
		8.75		0.041			0.005		0.25
		4.92		0.021			0.000333		0.22
		1.43		0.049			0.002		0.77
		2.59		0.059			0.01		0.48
		1.44		0.065			0.013		0.61
		2.37		0.071			0.012		0.55
		2.75		0.065			0.009		0.6
		5.94		0.026			0.000333		0.05
		4.9		0.02			0.000333		0.05
		1.07		0.003			0.000333		0.42
		4.13		0.043			0.000333		7.84
		8.51		0.056			0.001		0.14
		3.94		0.028			0.000333		0.33
		4.92		0.038			0.000333		-0.05
		4.75		0.03			0.000333		0.4
		4.7		0.062			0.01		1.05
		6.64		0.034			0.000333		0.29
		8.56		0.042			0.000333		0.82

		5.79		0.046			0.009		0.69
		5.24		0.061			0.01		0.68
		5.24		0.061			0.01		0.68
		3.53		0.068			0.013		1
		6.14		0.064			0.011		1.07
		6.65		0.053			0.005		0.79
		4.88		0.079			0.01		0.42
		4.38		0.059			0.007		0.57
		5.15		0.052			0.007		0.71
		5.71		0.035			0.000333		0.06
		5.42		0.055			0.006		0.32
		6.49		0.057			0.012		0.54
		3.35		0.057			0.009		0.84
		2.66		0.059			0.007		0.76
		2.1		0.058			0.007		0.75
		6.61		0.035			0.007		0.31
		2.93		0.054			0.009		0.73
		8.21		0.052			0.012		0.11
		1.84		0.037			0.005		0.01
		1.78		0.06			0.012		0.45
		1.43		0.049			0.009		0.44
		0.9		0.045			0.008		0.37
<0.001	0.004	1.71	0.011	0.056	0.035	0.037	0.01	2.14	0.5
		2.34		0.056			0.008		1.18
<0.001	0.004	2.24	0.013	0.053	0.034	0.039	0.01	2.29	0.46
		1.97		0.048			0.006		0.21
<0.001	0.009	1.3	0.023	0.045	0.038	0.06	0.006	3.68	0.39
<0.001	0.003	2.02	0.013	0.06	0.032	0.035	0.01	2.04	0.73
<0.001	0.003	1.5	0.019	0.058	0.035	0.028	0.009	0.688	0.54
<0.001	0.003	1.23	0.009	0.046	0.032	0.033	0.008	0.96	0.84
<0.001	0.004	1.29	0.016	0.05	0.033	0.044	0.008	2.31	0.69
<0.001	0.014	1.92	0.069	0.036	0.041	0.128	0.006	6.38	2.4
<0.001	0.011	1.4	0.052	0.025	<0.001	0.084	0.007	3.59	3.58

<0.001	0.017	1.57	0.085	0.036	0.044	0.094	<0.001	5.05	1.29
<0.001	0.018	2.41	0.09	0.045	0.035	0.099	<0.001	2.58	1.38
<0.001	0.016	1.92	0.078	0.042	0.046	0.097	0.001	3.45	1.56
<0.001	0.019	2.47	0.115	0.041	0.041	0.133	<0.001	5.25	1.52
<0.001	0.018	2.47	0.117	0.036	0.055	0.131	<0.001	8.6	1.55
<0.001	0.018	1.57	0.079	0.043	0.037	0.104	<0.001	3.54	1.54
<0.001	0.01	2.03	0.045	0.048	0.044	0.083	0.007	3.23	1.39
<0.001	0.034	0.4	0.114	0.017	0.028	0.132	<0.001	6.51	0.98
<0.001	0.02	1.33	0.077	0.049	0.047	0.139	<0.001	1.77	1.32
<0.001	0.028	2.48	0.099	0.036	0.043	0.168	<0.001	5.26	1.41
<0.001	0.021	1.78	0.164	0.03	0.068	0.213	<0.001	9.17	1.09
<0.001	0.027	2.43	0.171	0.025	0.048	0.17	<0.001	9.14	1.05
<0.001	0.021	2.55	0.166	0.03	0.067	0.205	<0.001	10.1	1.09
<0.001	0.019	2.74	0.093	0.042	0.022	0.144	<0.001	6.92	0.97
<0.001	0.015	3.73	0.096	0.037	0.049	0.152	<0.001	11.95	0.92
<0.001	0.011	3.93	0.079	0.032	0.056	0.14	<0.001	20.9	0.72
<0.001	<0.001	1.38	0.004	0.077	0.034	0.016	0.017	0.434	0.89
<0.001	0.011	1.38	0.054	0.066	0.055	0.116	0.011	2.02	0.99
<0.001	0.003	1.04	0.019	0.069	0.044	0.045	0.012	0.879	0.94
<0.001	0.027	0.44	0.228	0.019	0.075	0.269	<0.001	0.804	0.55
<0.001	0.015	0.91	0.133	0.042	0.082	0.225	<0.001	0.9	0.84
<0.001	0.026	0.87	0.149	0.039	0.056	0.189	<0.001	2.55	0.98
<0.001	0.003	1.97	0.006	0.059	0.056	0.024	0.01	0.768	1.42
<0.001	0.016	1.42	0.069	0.052	0.053	0.073	<0.001	3.1	1.38
<0.001	0.022	2.54	0.122	0.058	0.082	0.156	<0.001	1.01	1.57
<0.001	0.013	1.07	0.09	0.05	0.081	0.16	0.004	1.38	0.99
<0.001	0.002	1.27	0.005	0.057	0.059	0.031	0.024	0.621	1.36
<0.001	<0.001	1.35	0.015	0.054	0.059	0.02	0.002	1.38	0.95