

Sample#	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514
From (m)	902.2	903.82	904.8	916.51	920	920.67	921.16	925.1	936.1	940.2
To (m)	902.4	904	905	916.72	920.67	921.16	922	925.3	936.3	940.41
Sc	55	3	10	31	45	62	50	10	52	2
V	683	39	140	286	392	588	387	168	627	22
Cr	445	27		376	595	588	746	21	499	14
Co	104	9	25	58	68	98	73	29	113	7
Ni	201	10	7	190	294	492	329	18	136	10
Cu	88	25	10	60	110	582	66	24	103	18
Zn	122	32	124	102	78	93	80	116	113	45
Rb	15	223	82	56	34	6	32	95	40	144
Sr	289	582	1330	647	588	199	477	1190	207	395
Zr	208	336	455	327	186	167	178	441	237	240
Nb	2.5	199.0	119.0	59.0	8.0	4.5	27.5	143.0	16.5	77.5
Ba	188	603	1420	513	504	96	334	1250	119	810
La	17.6	67.5	109.0	42.6	18.5	10.6	16.9	93.3	15.6	41.0
Ce	43.6	91.8	225.0	91.6	45.8	31.0	41.6	187.0	38.2	80.8
Pr	6.32	6.34	25.30	11.10	6.60	5.14	6.50	20.60	5.36	8.46
Nd	29.40	16.90	91.60	46.30	30.70	24.60	29.90	71.00	24.10	29.50
Sm	7.20	2.30	15.90	9.45	7.55	6.70	7.35	13.40	6.10	4.75
Eu	2.35	0.50	5.15	3.00	2.55	2.20	2.55	4.10	1.95	1.75
Gd	6.40	2.00	11.60	8.00	6.60	7.00	7.00	9.80	6.00	3.40
Tb	1.00	0.35	1.80	1.25	1.00	1.00	1.05	1.45	0.90	0.60
Dy	5.50	2.30	9.00	6.85	5.60	5.00	5.45	7.45	4.70	3.05
Ho	0.92	0.52	1.60	1.14	0.92	0.86	0.90	1.38	0.78	0.56
Y	21.70	15.40	40.60	27.20	21.60	19.90	20.70	36.00	18.50	14.70
Er	2.15	1.70	4.10	2.70	2.15	1.95	2.10	3.40	1.95	1.50
Tm	0.26	0.28	0.54	0.34	0.26	0.24	0.26	0.46	0.24	0.22
Yb	1.50	2.10	3.30	2.10	1.50	1.25	1.45	2.95	1.40	1.35
Lu	0.20	0.30	0.44	0.28	0.18	0.16	0.18	0.38	0.18	0.18
Hf	5.40	6.80	8.60	6.60	4.60	5.20	4.80	7.60	5.80	3.80
Ta	0.00	4.80	5.40	2.40	0.20	0.20	0.30	4.90	0.50	3.10
Pb	2.00	37.00	4.00	4.00	2.00	2.00	2.00	7.00	3.00	11.00
Th	2.70	164.00	9.80	6.20	2.40	0.90	4.40	9.40	2.90	4.50
U	0.70	35.30	1.70	1.50	0.50	0.20	0.90	1.50	0.60	0.90
Y/Ho	23.59	29.62	25.38	23.86	23.48	23.14	23.00	26.09	23.72	26.25
Zr/Hf	38.52	49.41	52.91	49.55	40.43	32.12	37.08	58.03	40.86	63.16
Cu/Ni	0.44	2.50	1.43	0.32	0.37	1.18	0.20	1.33	0.76	1.80
Ni/Co	1.93	1.11	0.28	3.28	4.32	5.02	4.51	0.62	1.20	1.43

Sample #	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524
From (m)	949.55	957.78	960.34	961.31	979.53	990.8	999.4	1010.1	1020.75	1030.57
To (m)	949.74	958	960.53	961.48	979.72	991	999.59	1010.32	1020.97	1030.76
Sc	59	61	29	29	65	2	32	32	15	14
V	695	846	286	286	795	17	330	471	403	235
Cr	89	21	335	342	68	14	629	96	34	34
Co	116	128	58	56	115	8	74	61	52	37
Ni	159	59	175	180	278	6	362	198	18	36
Cu	168	111	62	68	257	9	65	40	21	35
Zn	116	126	100	100	122	58	96	109	102	122
Rb	23	11	66	57	15	108	48	51	15	80
Sr	242	216	661	666	206	874	575	587	1270	1340
Zr	227	199	346	327	201	217	326	275	140	487
Nb	11.5	7.0	65.0	62.5	5.0	83.0	53.5	32.5	3.5	80.0
Ba	158	128	521	505	117	2150	446	456	384	1120
La	17.3	13.7	44.0	44.2	12.8	49.9	39.0	33.4	49.3	106.0
Ce	39.9	35.2	94.8	93.1	34.2	96.3	86.0	76.9	115.0	206.0
Pr	5.70	5.38	11.60	11.40	5.44	10.80	10.70	10.80	15.80	23.20
Nd	25.8	24.8	44.7	44.6	26.4	39.6	42.8	47.3	65.5	79.7
Sm	6.55	6.65	9.25	9.20	6.75	6.45	9.30	11.00	14.20	14.40
Eu	2.15	2.15	3.10	3.00	2.25	2.95	2.95	3.65	4.30	4.75
Gd	6.20	6.40	7.80	8.20	6.20	4.60	7.40	10.00	11.80	11.40
Tb	0.95	0.95	1.25	1.25	0.95	0.70	1.20	1.60	1.75	1.80
Dy	4.95	4.90	6.25	6.55	4.95	3.55	5.90	7.15	7.70	9.10
Ho	0.86	0.84	1.10	1.12	0.86	0.64	1.04	1.26	1.40	1.66
Y	19.8	20.0	27.5	26.6	19.5	14.7	23.8	29.7	33.0	39.2
Er	2.00	2.00	2.70	2.70	2.00	1.50	2.50	2.85	3.05	3.90
Tm	0.26	0.24	0.34	0.34	0.24	0.22	0.30	0.32	0.34	0.52
Yb	1.40	1.35	2.10	2.10	1.35	1.35	1.85	2.05	2.00	3.25
Lu	0.18	0.16	0.28	0.26	0.16	0.18	0.24	0.24	0.24	0.44
Hf	6.60	6.00	6.60	6.20	5.80	4.00	7.20	6.20	2.00	8.20
Ta	0.50	0.20	1.80	2.40	0.10	2.40	1.30	0.50	-0.10	2.00
Pb	3.00	2.00	4.00	4.00	2.00	8.00	3.00	2.00	2.00	4.00
Th	4.30	1.40	6.30	5.70	1.10	3.40	4.80	6.10	2.60	10.80
U	1.50	0.40	1.60	1.50	0.30	0.50	1.20	1.70	0.50	1.60
Y/Ho	23.02	23.81	25.00	23.75	22.67	22.97	22.88	23.57	23.57	23.61
Zr/Hf	34.39	33.17	52.42	52.74	34.66	54.25	45.28	44.35	70.00	59.39
Cu/Ni	1.06	1.88	0.35	0.38	0.92	1.50	0.18	0.20	1.17	0.97
Ni/Co	1.37	0.46	3.02	3.21	2.42	0.75	4.89	3.25	0.35	0.97

Sample #	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534
From (m)	1040.58	1049.56	1059.76	1068.37	1082.3	1090.37	1096.78	1106	1116	1126.17
To (m)	1040.8	1049.75	1060	1068.59	1082.55	1090.6	1096.96	1106.25	1116.22	1126.42
Sc	5	2	1	23	41	22	31	2	29	51
V	62	17	22	476	420	241	482	45	437	605
Cr		14	27	14	684	369	14		14	164
Co	18	7	5	67	72	53	64	7	61	74
Ni	12	14	2	31	354	230	38	7	21	97
Cu	9	13	4	55	91	32	71	5	55	64
Zn	112	72	58	91	92	101	100	46	102	115
Rb	59	112	128	17	29	110	15	105	34	10
Sr	2320	774	768	993	639	724	755	647	928	471
Zr	510	312	264	129	221	495	261	452	171	299
Nb	250.0	85.5	130.0	2.5	23.5	87.5	19.0	110.0	3.0	23.5
Ba	2820	1240	1770	557	484	810	537	943	671	307
La	131.0	52.1	65.0	83.1	24.1	54.8	34.1	51.9	76.3	26.8
Ce	282.0	99.0	142.0	188.0	62.8	102.0	86.3	110.0	172.0	68.4
Pr	31.90	10.90	16.90	24.30	8.94	12.00	12.20	11.80	21.20	9.66
Nd	112.0	39.1	57.8	99.0	41.9	42.6	54.1	40.3	86.6	42.3
Sm	18.40	6.30	10.00	19.50	9.30	8.10	13.10	6.75	17.90	9.40
Eu	5.85	2.45	3.15	6.25	3.15	2.45	3.95	1.95	5.55	2.95
Gd	13.80	4.60	6.80	16.60	8.20	6.60	10.60	4.80	15.00	8.60
Tb	2.15	0.75	1.20	2.45	1.25	1.00	1.70	0.80	2.25	1.30
Dy	11.20	3.95	6.25	11.60	6.50	5.25	8.50	4.45	10.80	6.75
Ho	2.02	0.72	1.08	2.00	1.06	0.96	1.38	0.80	1.86	1.16
Y	49.5	17.4	25.7	47.8	26.0	23.8	32.4	20.6	41.9	27.6
Er	4.80	1.80	2.65	4.20	2.50	2.45	3.15	2.20	3.95	2.75
Tm	0.62	0.28	0.34	0.50	0.30	0.32	0.36	0.30	0.48	0.32
Yb	3.60	1.60	2.10	2.90	1.80	2.05	2.10	1.95	2.70	2.05
Lu	0.46	0.22	0.26	0.36	0.22	0.28	0.28	0.26	0.34	0.26
Hf	10.60	5.40	5.60	1.00	5.40	8.60	6.00	6.80	2.00	7.60
Ta	13.40	3.70	8.50	-0.10	0.30	1.50	0.30	7.00	-0.10	0.30
Pb	5.00	10.00	9.00	2.00	1.00	3.00	3.00	10.00	4.00	1.00
Th	6.50	6.10	5.50	3.70	1.80	6.70	1.30	8.10	3.90	1.30
U	1.20	1.70	1.10	0.80	0.50	1.50	0.40	1.80	1.00	0.30
Y/Ho	24.50	24.17	23.80	23.90	24.53	24.79	23.48	25.75	22.53	23.79
Zr/Hf	48.11	57.78	47.14	129.00	40.93	57.56	43.50	66.47	85.50	39.34
Cu/Ni	0.75	0.93	2.00	1.77	0.26	0.14	1.87	0.71	2.62	0.66
Ni/Co	0.67	2.00	0.40	0.46	4.92	4.34	0.59	1.00	0.34	1.31

Sample #	2535	2536	2537	2593	2538	2539	2540	2541	2542	2543
From (m)	1138.8	1149.6	1157.37	1168.91	1177.16	1186.2	1188.28	1199.3	1201.21	1209.64
To (m)	1139.05	1149.82	1157.49	1169.16	1177.36	1186.57	1188.5	1199.5	1201.46	1209.89
Sc	24	19	22	25	26	3	26	29	12	36
V	465	370	454	415	392	39	426	392	213	482
Cr	21	34	34	27		27	14	89		34
Co	61	56	57	53	54	6	60	54	35	66
Ni	33	26	20	24	22	7	24	72	35	89
Cu	50	44	36	43	48	6	45	37	26	69
Zn	120	135	124	89	97	16	101	136	131	111
Rb	10	35	11	18	12	122	17	15	126	24
Sr	945	1080	835	1050	1040	254	994	787	1270	762
Zr	162	221	198	140	102	120	139	366	472	274
Nb	1.0	0.5	0.5	0.5	-0.5	38.0	1.0	56.5	119.0	54.5
Ba	484	669	522	599	541	247	535	574	1100	534
La	91.0	98.9	82.0	90.7	94.1	24.4	85.7	49.1	104.0	35.0
Ce	215.0	224.0	190.0	214.0	223.0	48.6	206.0	120.0	193.0	83.5
Pr	29.60	28.10	24.70	28.50	29.30	5.38	27.40	16.60	21.30	11.20
Nd	120.0	113.0	100.0	119.0	122.0	18.2	114.0	68.7	76.1	47.4
Sm	25.30	21.00	20.70	24.70	25.60	3.20	23.10	15.40	14.00	11.00
Eu	7.05	6.40	6.10	7.15	7.05	0.85	6.70	4.65	4.45	3.60
Gd	19.60	17.40	16.00	19.60	20.00	2.60	17.40	12.60	10.60	9.20
Tb	2.95	2.60	2.40	2.85	3.05	0.45	2.75	1.95	1.75	1.55
Dy	14.00	12.60	12.90	13.70	13.70	2.25	12.80	9.05	9.25	7.85
Ho	2.46	2.16	2.12	2.26	2.52	0.42	2.06	1.66	1.56	1.28
Y	51.9	50.9	48.8	52.6	52.7	10.4	47.9	38.4	38.4	28.9
Er	4.90	4.90	4.75	4.85	4.90	1.15	4.55	3.85	3.90	2.95
Tm	0.58	0.60	0.58	0.56	0.58	0.16	0.54	0.46	0.52	0.34
Yb	3.15	3.45	3.25	3.10	3.10	1.00	2.95	2.75	3.30	2.10
Lu	0.40	0.46	0.42	0.40	0.40	0.14	0.40	0.36	0.44	0.26
Hf	2.00	1.60	1.80	1.40	0.80	2.60	1.60	8.20	7.80	6.80
Ta	-0.10	-0.10	-0.10	-0.10	-0.10	2.40	-0.10	2.50	2.00	2.00
Pb	-1.00	3.00	2.00	1.00	1.00	8.00	2.00	2.00	4.00	4.00
Th	2.90	4.90	2.70	2.60	2.30	5.90	3.40	2.60	10.10	3.70
U	0.60	1.10	0.50	0.50	0.50	1.60	0.70	0.60	2.10	0.70
Y/Ho	21.10	23.56	23.02	23.27	20.91	24.76	23.25	23.13	24.62	22.58
Zr/Hf	81.00	138.13	110.00	100.00	127.50	46.15	86.88	44.63	60.51	40.29
Cu/Ni	1.52	1.69	1.80	1.79	2.18	0.86	1.88	0.51	0.74	0.78
Ni/Co	0.54	0.46	0.35	0.45	0.41	1.17	0.40	1.33	1.00	1.35

Sample #	2544	2555	2556	2557	2558	2559	2560	2561	2562	2563
From (m)	1215.38	1225.34	1235.33	1246.23	1256.08	1266.61	1275.74	1280.35	1282	1291.3
To (m)	1215.7	1225.55	1235.33	1246.47	1256.3	1266.87	1275.97	1280.59	1282.24	1291.49
Sc	16	33	22	7	7	9	2	23	1	23
V	224	527	302	118	118	157	28	381	17	426
Cr	75	62	349		21			21		
Co	37	76	56	24	25	26	9	59	3	63
Ni	69	66	175	10	11	9	6	23	2	19
Cu	50	105	56	12	17	21	33	46	11	47
Zn	116	132	101	111	100	118	25	133	63	138
Rb	82	18	41	132	104	107	96	14	237	23
Sr	1190	538	850	1640	1950	1600	2410	1040	490	1110
Zr	462	305	407	469	412	363	140	177	413	124
Nb	113.0	37.0	35.5	193.0	164.0	23.0	47.0	1.0	138.0	1.5
Ba	1020	356	653	1580	1180	1190	3020	667	137	623
La	85.1	37.5	57.8	128.0	116.0	143.0	30.2	90.2	47.4	94.6
Ce	172.0	89.8	123.0	240.0	213.0	261.0	50.5	217.0	69.3	223.0
Pr	19.30	12.40	14.90	25.00	22.40	26.70	5.16	28.20	5.32	29.40
Nd	71.10	50.60	55.90	85.70	76.00	89.60	17.60	117.00	15.00	120.00
Sm	13.80	11.90	10.80	14.80	13.40	15.60	2.70	23.90	1.95	24.70
Eu	4.25	3.75	3.45	4.90	4.55	4.70	1.75	6.90	0.60	7.50
Gd	11.20	10.00	9.40	11.20	10.00	12.60	2.00	18.40	1.60	19.20
Tb	1.75	1.55	1.40	1.75	1.65	1.95	0.30	2.90	0.30	2.95
Dy	8.90	8.00	7.05	9.90	8.80	10.10	1.85	13.50	2.00	13.80
Ho	1.60	1.28	1.20	1.76	1.56	1.92	0.34	2.26	0.44	2.44
Y	36.80	30.70	29.00	43.40	39.00	46.70	9.00	53.40	13.20	53.80
Er	3.80	3.15	2.90	4.40	3.90	4.70	0.90	5.05	1.45	5.35
Tm	0.50	0.38	0.36	0.60	0.54	0.68	0.12	0.60	0.24	0.60
Yb	3.10	2.15	2.25	3.75	3.40	4.25	0.80	3.40	1.85	3.30
Lu	0.42	0.30	0.30	0.46	0.44	0.54	0.12	0.44	0.26	0.42
Hf	8.60	7.80	8.00	9.40	8.20	5.60	2.60	1.60	5.20	0.80
Ta	4.50	1.70	0.80	6.70	8.30	0.30	1.70	-0.10	4.00	-0.10
Pb	5.00	2.00	3.00	6.00	5.00	5.00	9.00	1.00	19.00	2.00
Th	8.00	3.10	5.30	12.00	10.00	13.80	4.40	2.90	51.10	3.00
U	1.80	0.70	1.20	2.10	1.70	2.30	0.90	0.60	14.60	0.60
Y/Ho	23.00	23.98	24.17	24.66	25.00	24.32	26.47	23.63	30.00	22.05
Zr/Hf	53.72	39.10	50.88	49.89	50.24	64.82	53.85	110.63	79.42	155.00
Cu/Ni	0.72	1.59	0.32	1.20	1.55	2.33	5.50	2.00	5.50	2.47
Ni/Co	1.86	0.87	3.13	0.42	0.44	0.35	0.67	0.39	0.67	0.30

Sample #	2564	2565	2566	2567	2568	2569	2590	2591	2592	2576
From (m)	1303.1	1312.35	1320.62	1328.4	1335.25	1347.59	1353.35	1363.22	1369.38	1379.12
To (m)	1303.37	1312.57	1320.86	1328.67	1335.48	1347.84	1353.65	1363.5	1369.59	1379.34
Sc	24	20	22	10	23	22	28	23	52	32
V	409	482	319	190	342	420	409	381	493	415
Cr	41	14	164		96	7	62	21	281	192
Co	61	56	50	50	51	59	58	58	57	53
Ni	22	21	80	15	72	22	41	34	149	107
Cu	56	40	56	131	62	51	53	66	63	67
Zn	106	124	98	96	104	137	128	103	119	130
Rb	15	12	63	132	37	20	17	15	16	13
Sr	1100	967	740	797	791	909	744	1080	578	617
Zr	147	201	355	336	349	139	344	182	303	427
Nb	2.5	1.5	70.0	62.0	34.5	1.0	62.5	1.0	11.0	56.5
Ba	630	571	584	894	599	521	502	736	358	300
La	94.8	77.9	48.5	93.8	49.2	67.6	34.1	82.3	30.5	48.1
Ce	217.0	178.0	102.0	177.0	106.0	154.0	87.9	202.0	79.7	116.0
Pr	28.30	23.60	12.90	19.90	13.50	20.10	12.60	26.60	11.60	15.10
Nd	117.00	92.20	50.70	73.00	52.30	80.40	54.30	109.00	49.80	63.20
Sm	23.20	20.00	10.40	13.30	12.00	16.70	13.30	23.10	11.00	13.30
Eu	6.75	5.65	3.35	4.05	3.55	5.00	4.05	7.10	3.60	4.20
Gd	19.20	15.00	9.00	10.80	9.00	13.80	10.60	19.20	10.00	10.60
Tb	2.85	2.20	1.40	1.70	1.50	2.10	1.65	2.95	1.60	1.80
Dy	12.90	11.30	7.05	8.20	7.45	9.95	8.60	13.20	7.95	9.05
Ho	2.16	1.98	1.20	1.44	1.24	1.78	1.52	2.30	1.36	1.72
Y	49.90	44.20	27.90	36.40	29.80	41.10	33.40	53.20	31.50	34.20
Er	4.80	4.40	2.90	3.50	3.00	3.90	3.45	5.05	3.25	3.70
Tm	0.56	0.52	0.36	0.46	0.38	0.46	0.44	0.62	0.40	0.46
Yb	3.30	3.05	2.20	2.95	2.30	2.65	2.55	3.50	2.40	2.85
Lu	0.40	0.40	0.30	0.40	0.30	0.36	0.32	0.46	0.32	0.40
Hf	1.60	2.60	7.60	6.20	6.80	1.20	8.00	2.20	8.00	11.00
Ta	-0.10	-0.10	1.90	1.00	0.50	-0.10	2.70	-0.10	0.50	3.50
Pb	4.00	2.00	3.00	11.00	3.00	2.00	2.00	2.00	2.00	-1.00
Th	3.30	2.90	4.90	30.50	4.70	4.20	2.60	1.70	2.30	2.90
U	0.60	0.60	1.20	4.90	1.20	1.00	0.50	0.40	0.50	0.50
Y/Ho	23.10	22.32	23.25	25.28	24.03	23.09	21.97	23.13	23.16	19.88
Zr/Hf	91.88	77.31	46.71	54.19	51.32	115.83	43.00	82.73	37.88	38.82
Cu/Ni	2.55	1.90	0.70	8.73	0.86	2.32	1.29	1.94	0.42	0.63
Ni/Co	0.36	0.38	1.60	0.30	1.41	0.37	0.71	0.59	2.61	2.02

Sample #	2594	2577	2578	2579	2580	2581	2582	2583	2584	2585
From (m)	1382.26	1389.55	1393.14	1402.17	1414.13	1423.75	1435.26	1444.48	1454	1463.57
To (m)	1382.43	1389.73	1393.35	1402.3	1414.34	1423.95	1435.54	1444.72	1454.24	1463.84
Sc	20	5	32	35	19	3	44	41	46	50
V	230	56	588	465	258	45	622	521	549	566
Cr	506	75	55	68	192	68	34	137	383	226
Co	61	10	80	68	46	8	90	70	69	86
Ni	278	20	97	90	124	26	235	243	142	248
Cu	36	10	96	87	97	6	164	245	147	151
Zn	98	45	177	93	111	40	119	116	106	112
Rb	59	186	9	13	92	123	14	17	14	11
Sr	756	1210	547	852	963	593	413	477	406	319
Zr	284	213	224	238	337	395	233	301	262	246
Nb	80.5	96.0	4.5	15.5	21.5	68.0	18.0	38.0	13.5	13.5
Ba	542	2120	249	583	822	702	303	315	234	171
La	50.5	44.9	50.6	34.1	64.4	44.5	26.0	29.5	26.6	21.0
Ce	106.0	85.7	115.0	88.9	133.0	83.1	63.9	72.9	63.8	54.3
Pr	13.10	8.92	15.20	12.60	15.50	8.60	8.98	10.10	8.80	7.78
Nd	50.20	30.60	61.70	56.10	60.40	28.60	38.80	42.80	40.10	35.50
Sm	9.80	4.90	13.10	13.00	12.10	4.80	8.80	10.10	9.15	8.40
Eu	3.00	1.70	3.80	4.20	3.80	1.45	2.80	3.15	2.95	2.70
Gd	7.60	3.80	11.00	11.00	9.40	3.80	8.00	9.00	7.60	8.20
Tb	1.20	0.65	1.65	1.70	1.55	0.65	1.20	1.35	1.20	1.10
Dy	6.35	3.40	8.20	8.55	7.15	3.90	5.75	6.35	6.10	6.40
Ho	1.10	0.64	1.44	1.52	1.34	0.76	0.98	1.06	1.02	0.96
Y	26.40	16.70	32.80	31.50	32.10	19.80	23.50	25.10	23.30	21.40
Er	2.65	1.70	3.25	3.20	3.20	2.25	2.30	2.45	2.35	2.15
Tm	0.34	0.24	0.38	0.38	0.42	0.32	0.28	0.28	0.28	0.28
Yb	2.10	1.50	2.25	2.15	2.50	2.25	1.65	1.75	1.60	1.45
Lu	0.28	0.20	0.30	0.28	0.34	0.32	0.20	0.22	0.20	0.18
Hf	5.80	4.80	4.00	5.80	5.60	5.60	6.20	7.80	7.40	7.00
Ta	3.50	4.00	-0.10	0.60	0.40	2.50	0.90	1.80	0.60	0.50
Pb	3.00	11.00	1.00	1.00	5.00	10.00	1.00	2.00	1.00	-1.00
Th	7.30	4.80	1.90	1.30	5.80	10.50	2.20	2.80	3.20	1.70
U	1.80	1.00	0.40	0.30	1.60	2.90	0.50	0.70	0.80	0.40
Y/Ho	24.00	26.09	22.78	20.72	23.96	26.05	23.98	23.68	22.84	22.29
Zr/Hf	48.97	44.38	56.00	41.03	60.18	70.54	37.58	38.59	35.41	35.14
Cu/Ni	0.13	0.50	0.99	0.97	0.78	0.23	0.70	1.01	1.04	0.61
Ni/Co	4.56	2.00	1.21	1.32	2.70	3.25	2.61	3.47	2.06	2.88

Sample #	2595	2596	2597	2598	2599	2586	2587	2545	2546	2547
From (m)	1464	1465	1465.59	1466.2	1467.19	1472.72	1477.15	1478	1479.42	1479.42
To (m)	1465	1465.59	1466.2	1467.19	1468	1472.94	1477.39	1478.72	1479.87	1479.87
Sc	43	33	42	27	39	27	48	43	44	51
V	571	650	504	549	286	325	431	291	583	549
Cr	253	287	233	1314	458	287	787	411	424	623
Co	90	123	84	131	52	51	61	52	107	149
Ni	220	380	259	592	188	114	209	199	512	1370
Cu	113	273	191	452	117	56	69	69	309	979
Zn	107	124	109	151	76	106	84	80	124	140
Rb	15	19	12	27	31	71	17	39	19	11
Sr	438	571	572	291	685	814	401	626	396	293
Zr	251	241	313	161	234	490	223	288	253	251
Nb	33.0	48.5	53.5	26.0	52.5	27.5	23.0	29.0	27.0	15.0
Ba	256	373	397	250	482	584	242	513	248	162
La	24.2	27.5	35.9	15.4	36.9	60.2	17.5	32.3	19.9	17.5
Ce	60.3	66.5	85.2	38.3	84.5	123.0	48.8	75.7	52.4	46.1
Pr	8.30	9.20	11.60	5.62	11.30	14.60	7.20	10.30	7.36	6.90
Nd	36.90	39.50	48.00	23.80	44.70	57.90	34.70	41.50	32.80	30.90
Sm	8.60	8.85	10.60	5.60	9.15	12.10	8.45	9.50	8.20	7.80
Eu	2.80	2.85	3.35	1.80	2.95	3.75	2.75	2.80	2.55	2.25
Gd	7.60	7.80	8.60	4.80	7.60	9.40	8.20	7.60	7.00	6.60
Tb	1.10	1.10	1.40	0.75	1.20	1.45	1.20	1.20	1.05	1.00
Dy	5.75	5.70	7.25	3.70	6.10	7.35	6.25	5.70	5.00	5.00
Ho	0.94	0.94	1.14	0.62	1.04	1.36	1.00	1.06	0.94	0.92
Y	22.20	21.70	27.60	14.10	24.90	30.40	22.50	25.70	22.40	22.00
Er	2.20	2.10	2.65	1.40	2.45	3.20	2.35	2.95	2.50	2.40
Tm	0.28	0.28	0.30	0.18	0.30	0.40	0.28	0.34	0.28	0.28
Yb	1.50	1.50	1.90	1.00	1.75	2.45	1.55	1.90	1.60	1.60
Lu	0.18	0.18	0.24	0.14	0.22	0.32	0.20	0.28	0.20	0.20
Hf	7.20	6.00	7.40	4.20	6.40	8.20	6.60	9.20	7.00	7.00
Ta	1.40	2.20	2.50	1.20	2.90	0.50	1.00	2.30	1.90	1.10
Pb	-1.00	1.00	-1.00	1.00	3.00	3.00	4.00	3.00	-1.00	-1.00
Th	1.80	1.80	2.00	1.60	2.00	16.30	1.40	3.80	2.50	1.70
U	0.50	0.40	0.40	0.40	0.40	3.20	0.30	0.80	0.50	0.40
Y/Ho	23.62	23.09	24.21	22.74	23.94	22.35	22.50	24.25	23.83	23.91
Zr/Hf	34.86	40.17	42.30	38.33	36.56	59.76	33.79	31.30	36.14	35.86
Cu/Ni	0.51	0.72	0.74	0.76	0.62	0.49	0.33	0.35	0.60	0.71
Ni/Co	2.44	3.09	3.08	4.52	3.62	2.24	3.43	3.83	4.79	9.19

Sample #	2548	2549	2550	2551	2552	2553	2554	2588	2589
From (m)	1479.86	1480.31	1480.51	1481	1481.5	1482.18	1482.32	1483.01	1499.18
To (m)	1480.31	1480.51	1481	1481.5	1482.18	1482.32	1483	1483.24	1499.37
Sc	44	2	35	34	8	26	33	33	40
V	527	22	622	577	101	336	381	521	560
Cr	575	14	458	520	34	130	96	82	301
Co	135	8	175	159	20	66	63	68	70
Ni	1110	40	1290	1210	65	290	117	92	122
Cu	766	15	770	650	50	142	63	63	60
Zn	133	25	228	187	51	156	121	101	127
Rb	12	122	25	21	83	34	23	15	11
Sr	315	1500	508	495	1410	897	759	681	368
Zr	253	156	224	270	141	322	324	182	273
Nb	19.0	46.5	24.5	32.0	37.0	61.5	49.0	1.5	30.5
Ba	303	1620	347	281	1350	700	589	435	218
La	20.2	37.7	21.8	35.1	33.4	64.9	53.1	37.4	23.0
Ce	51.8	69.7	51.5	82.0	61.5	142.0	124.0	92.5	58.8
Pr	7.26	7.38	7.16	10.50	6.78	17.30	15.70	13.50	8.48
Nd	31.90	24.60	28.90	41.60	24.90	70.90	67.10	59.20	38.00
Sm	7.60	4.25	6.85	9.15	4.90	13.50	13.70	13.20	8.80
Eu	2.15	1.75	2.15	2.65	1.95	3.75	4.00	4.30	2.75
Gd	6.40	3.00	5.60	7.20	3.80	10.40	10.80	11.00	8.20
Tb	0.95	0.50	0.85	1.10	0.55	1.55	1.60	1.70	1.20
Dy	4.60	2.50	4.20	5.35	2.85	7.70	7.90	8.95	6.30
Ho	0.88	0.50	0.78	0.98	0.54	1.42	1.46	1.42	1.06
Y	20.30	12.20	18.10	23.90	13.20	33.20	35.00	31.40	24.90
Er	2.50	1.45	2.15	2.80	1.55	3.95	4.05	3.10	2.50
Tm	0.26	0.18	0.24	0.32	0.20	0.44	0.44	0.36	0.30
Yb	1.55	1.10	1.40	1.85	1.10	2.80	2.55	2.10	1.85
Lu	0.22	0.14	0.20	0.26	0.14	0.38	0.36	0.26	0.24
Hf	6.80	3.40	5.60	6.80	3.40	7.80	8.00	2.80	7.40
Ta	1.50	3.30	1.30	2.10	2.90	5.20	4.00	-0.10	1.20
Pb	3.00	9.00	3.00	12.00	11.00	3.00	4.00	4.00	2.00
Th	1.90	7.10	2.20	3.00	3.80	4.70	3.00	1.90	1.90
U	0.40	1.50	0.50	0.70	0.70	0.90	0.50	0.40	0.50
Y/Ho	23.07	24.40	23.21	24.39	24.44	23.38	23.97	22.11	23.49
Zr/Hf	37.21	45.88	40.00	39.71	41.47	41.28	40.50	65.00	36.89
Cu/Ni	0.69	0.38	0.60	0.54	0.77	0.49	0.54	0.68	0.49
Ni/Co	8.22	5.00	7.37	7.61	3.25	4.39	1.86	1.35	1.74

