

Sample#	585410	585408	585409	585402	585411	585412	585413	585414	585403	585415	585416
From(m)	961.82	962.05	967.85	970.58	974.87	977.53	978.83	979.14	981.85	986.1	993.11
To (m)	961.91	962.22	967.98	970.71	974.97	977.67	979	979.27	981.99	986.24	993.26
Sc	46	46	32	32	20	37	20	22	34	44	46
V	527	476	655	633	286	549	286	302	650	493	482
Cr	390	404	27	27	274	219	349	349	14	855	411
Co	74	69	84	92	44	79	47	48	92	67	60
Ni	101	102	66	70	94	94	119	99	161	88	88
Cu	57	47	69	78	36	69	74	50	87	49	39
Zn	100	96	116	133	78	115	96	109	131	100	106
Rb	0.20	2.60	0.60	1.40	64.60	1.20	88.60	84.60	0.40	0.40	1.60
Sr	208	220	227	287	936	255	1080	1350	212	222	226
Y	23	22	25	37	26	27	30	33	24	24	23
Zr	108	146	126	116	157	115	82	201	167	119	192
Nb	0.50	5.00			15.50		1.00	5.00		0.50	3.50
Ba	8	37	16	33	1090	25	1430	1820	14	13	34
La	16.4	17.6	20.6	32.2	87.2	26.4	89.6	92.6	19.9	17.4	15.7
Ce	52.8	52.3	63.2	92.8	179.0	74.4	181.0	189.0	59.7	54.7	49.4
Pr	8.60	8.42	10.00	15.20	20.90	11.70	20.90	21.70	10.10	9.04	8.18
Nd	44.2	42.9	52.3	69.6	77.1	57.9	79.1	80.7	47.7	48.1	40.2
Sm	10.7	10.1	12.2	17.2	14.1	14.5	14.1	15.1	11.8	11.9	10.4
Eu	3.25	3.10	3.70	5.00	4.00	4.10	4.20	4.40	3.35	3.80	3.20
Gd	9.20	8.60	11.20	14.00	10.00	11.80	11.00	11.40	9.80	10.20	9.40
Tb	1.35	1.30	1.55	2.15	1.40	1.65	1.60	1.70	1.40	1.45	1.35
Dy	7.30	6.45	7.35	9.85	7.15	8.00	7.85	8.10	6.75	6.90	6.40
Ho	1.00	0.96	1.10	1.56	1.12	1.18	1.26	1.34	1.08	1.12	1.04
Y	22.7	22.0	24.9	36.7	26.3	26.5	30.4	32.8	24.2	24.2	23.4
Er	2.10	1.95	2.25	3.15	2.55	2.35	2.75	3.05	2.15	2.30	2.15
Tm	0.24	0.22	0.26	0.36	0.30	0.26	0.34	0.38	0.24	0.26	0.24
Yb	1.15	1.20	1.30	1.90	1.95	1.35	2.05	2.20	1.30	1.30	1.30
Lu	0.16	0.16	0.16	0.22	0.24	0.16	0.26	0.30	0.16	0.16	0.16
Hf	2.20	3.80	2.80	2.00	1.80	2.60	0.80	2.00	4.00	3.00	7.00
Ta		0.20			0.30			0.20			0.20
Pb	2.0	2.0	4.0	2.0	4.0	2.0	7.0	12.0		3.0	8.0
Th	0.3	0.8	1.1	10.9	10.2	1.1	8.3	9.9	0.6	0.4	0.4
Y/Ho	22.70	22.92	22.64	23.53	23.48	22.46	24.13	24.48	22.41	21.61	22.50
Zr/Hf	49.09	38.42	45.00	58.00	87.22	44.23	102.50	100.50	41.75	39.67	27.43
Cu/Ni	0.56	0.46	1.05	1.11	0.38	0.73	0.62	0.51	0.54	0.56	0.44
Ni/Co	1.36	1.48	0.79	0.76	2.14	1.19	2.53	2.06	1.75	1.31	1.47

Sample #	585417	585418	585419	585404	585420	585306	585307	585308	585309	585310
From(m)	999.1	1004.84	1014.1	1020.2	1026.54	1030	1031	1032	1033	1034
To (m)	999.24	1004.96	1014.23	1020.34	1026.7	1031	1032	1033	1034	1035
Sc	37	40	29	36	29	29	31	26	28	27
V	588	510	599	588	622	627	605	482	566	493
Cr	171	109	21	157	41	68	21	89	21	89
Co	80	67	72	66	80	72	73	59	70	61
Ni	122	125	55	66	40	63	104	81	59	66
Cu	57	65	57	49	72	48	64	48	60	47
Zn	132	93	102	104	131	85	119	110	116	110
Rb	1.00	1.00	0.60		0.40	1.60	2.60	20.60	1.20	15.80
Sr	165	231	300	262	323	257	225	434	234	335
Y	18	25	33	30	34	29	27	46	31	34
Zr	139	136	128	154	115	101	69	59	58	87
Nb							0.50	2.50		
Ba	15	22	18	7	8	33	55	339	32	239
La	11.4	17.7	31.5	23.9	35.5	25.2	20.0	43.7	24.9	38.0
Ce	36.6	55.6	90.6	74.6	101.0	75.1	62.6	110.0	75.2	100.0
Pr	6.48	9.24	14.50	12.30	16.50	12.10	10.50	16.00	12.10	15.10
Nd	31.5	45.7	71.3	60.1	79.9	59.4	53.6	71.2	59.9	69.6
Sm	8.4	11.3	17.3	14.6	18.4	15.3	13.5	17.7	14.6	17.0
Eu	2.55	3.45	4.80	4.50	5.25	4.35	3.90	5.55	4.45	4.80
Gd	7.00	10.00	14.80	13.20	15.40	12.00	11.00	14.40	13.00	14.20
Tb	1.05	1.45	2.15	1.85	2.15	1.80	1.60	2.25	1.80	2.00
Dy	5.20	7.00	8.95	8.70	10.00	8.50	7.75	11.80	8.65	9.20
Ho	0.82	1.06	1.44	1.32	1.58	1.24	1.14	1.84	1.34	1.48
Y	18.1	25.1	32.6	30.0	33.9	28.5	27.3	45.5	30.7	33.6
Er	1.75	2.20	2.85	2.65	3.05	2.50	2.40	4.00	2.70	2.95
Tm	0.20	0.24	0.30	0.28	0.32	0.28	0.28	0.48	0.30	0.34
Yb	1.05	1.20	1.65	1.55	1.70	1.50	1.50	2.70	1.70	1.80
Lu	0.14	0.14	0.20	0.18	0.20	0.16	0.16	0.32	0.20	0.22
Hf	4.80	3.00	2.60	2.60	1.80	2.20	1.60	0.80	1.00	1.20
Ta										
Pb	4.0	18.0	5.0	2.0	1.0	3.0	4.0	5.0	3.0	3.0
Th	0.4	0.4	0.9	0.6	0.8	2.4	3.7	23.9	5.1	9.7
Y/Ho	22.07	23.68	22.64	22.73	21.46	22.98	23.95	24.73	22.91	22.70
Zr/Hf	28.96	45.33	49.23	59.23	63.89	45.91	43.13	73.75	58.00	72.50
Cu/Ni	0.47	0.52	1.04	0.74	1.80	0.76	0.62	0.59	1.02	0.71
Ni/Co	1.53	1.87	0.76	1.00	0.50	0.88	1.42	1.37	0.84	1.08

Sample#	585421	585311	585422	585423	585424	585425	585426	585427	585428	585429
From(m)	1035.12	1040	1045.7	1047.2	1057.17	1065.34	1070.41	1073.5	1078.18	1080.71
To (m)	1035.24	1041	1045.87	1047.25	1057.32	1065.8	1070.54	1073.64	1078.35	1080.85
Sc	31	31	24	24	29	34	18	31	26	23
V	532	672	633	325	650	566	314	515	571	577
Cr	21	34	41	55	0	137	164	390	82	27
Co	64	72	76	37	66	57	40	55	51	63
Ni	61	43	35	32	41	115	58	69	100	45
Cu	45	40	84	48	85	85	54	45	51	61
Zn	118	125	141	132	142	123	109	129	136	141
Rb	1.00	1.00	0.60	92.60	0.40	0.20	92.80	0.60	0.60	0.40
Sr	273	267	281	1570	315	263	1630	270	234	299
Y	29	23	29	51	34	31	34	31	30	35
Zr	49	99	128	106	159	151	114	161	139	98
Nb				1.00			2.50			
Ba	24	34	12	1440	8	6	1270	12	13	8
La	30.1	21.8	22.6	179.0	29.4	23.7	100.0	23.2	20.9	31.0
Ce	89.7	65.0	68.1	373.0	89.9	75.1	199.0	72.6	65.8	92.9
Pr	13.80	10.40	11.30	43.80	14.50	12.50	22.80	12.50	11.40	15.90
Nd	69.3	48.8	58.6	157.0	69.4	62.1	86.1	60.7	59.4	76.3
Sm	15.9	12.8	14.9	28.3	16.5	15.6	15.5	15.9	14.1	18.5
Eu	4.60	3.70	4.20	7.95	4.75	4.50	4.90	4.65	4.65	5.45
Gd	13.40	10.20	13.00	19.20	14.20	13.20	11.20	13.20	12.80	15.80
Tb	1.85	1.55	1.85	2.75	2.05	1.80	1.80	1.95	1.95	2.20
Dy	8.25	7.00	8.40	13.30	9.35	8.40	8.20	9.20	9.15	9.80
Ho	1.24	1.04	1.26	2.34	1.44	1.30	1.40	1.44	1.32	1.54
Y	29.4	23.0	28.9	51.1	33.8	30.5	34.3	30.7	29.8	34.7
Er	2.55	2.05	2.50	4.55	2.85	2.70	3.10	2.75	2.75	3.05
Tm	0.28	0.24	0.28	0.60	0.32	0.28	0.40	0.30	0.28	0.32
Yb	1.35	1.15	1.40	3.40	1.70	1.60	2.30	1.60	1.50	1.65
Lu	0.16	0.14	0.16	0.44	0.20	0.18	0.30	0.18	0.18	0.20
Hf	0.40	2.00	2.80		3.00	2.80	0.40	2.60	2.60	1.40
Ta										
Pb	7.0	2.0	3.0	22.0	2.0	1.0	9.0	5.0	4.0	7.0
Th	0.7	1.6	1.0	15.9	1.1	0.9	11.3	1.1	0.6	1.2
Y/Ho	23.71	22.12	22.94	21.84	23.47	23.46	24.50	21.32	22.58	22.53
Zr/Hf	122.50	49.50	45.71		53.00	53.93	285.00	61.92	53.46	70.00
Cu/Ni	0.74	0.93	2.40	1.50	2.07	0.74	0.93	0.65	0.51	1.36
Ni/Co	0.95	0.60	0.46	0.86	0.62	2.02	1.45	1.25	1.96	0.71

Sample#	585421	585311	585422	585423	585424	585425	585426	585427	585428	585429
From(m)	1035.12	1040	1045.7	1047.2	1057.17	1065.34	1070.41	1073.5	1078.18	1080.71
To (m)	1035.24	1041	1045.87	1047.25	1057.32	1065.8	1070.54	1073.64	1078.35	1080.85
Sc	31	31	24	24	29	34	18	31	26	23
V	532	672	633	325	650	566	314	515	571	577
Cr	21	34	41	55	0	137	164	390	82	27
Co	64	72	76	37	66	57	40	55	51	63
Ni	61	43	35	32	41	115	58	69	100	45
Cu	45	40	84	48	85	85	54	45	51	61
Zn	118	125	141	132	142	123	109	129	136	141
Rb	1.00	1.00	0.60	92.60	0.40	0.20	92.80	0.60	0.60	0.40
Sr	273	267	281	1570	315	263	1630	270	234	299
Y	29	23	29	51	34	31	34	31	30	35
Zr	49	99	128	106	159	151	114	161	139	98
Nb				1.00			2.50			
Ba	24	34	12	1440	8	6	1270	12	13	8
La	30.1	21.8	22.6	179.0	29.4	23.7	100.0	23.2	20.9	31.0
Ce	89.7	65.0	68.1	373.0	89.9	75.1	199.0	72.6	65.8	92.9
Pr	13.80	10.40	11.30	43.80	14.50	12.50	22.80	12.50	11.40	15.90
Nd	69.3	48.8	58.6	157.0	69.4	62.1	86.1	60.7	59.4	76.3
Sm	15.9	12.8	14.9	28.3	16.5	15.6	15.5	15.9	14.1	18.5
Eu	4.60	3.70	4.20	7.95	4.75	4.50	4.90	4.65	4.65	5.45
Gd	13.40	10.20	13.00	19.20	14.20	13.20	11.20	13.20	12.80	15.80
Tb	1.85	1.55	1.85	2.75	2.05	1.80	1.80	1.95	1.95	2.20
Dy	8.25	7.00	8.40	13.30	9.35	8.40	8.20	9.20	9.15	9.80
Ho	1.24	1.04	1.26	2.34	1.44	1.30	1.40	1.44	1.32	1.54
Y	29.4	23.0	28.9	51.1	33.8	30.5	34.3	30.7	29.8	34.7
Er	2.55	2.05	2.50	4.55	2.85	2.70	3.10	2.75	2.75	3.05
Tm	0.28	0.24	0.28	0.60	0.32	0.28	0.40	0.30	0.28	0.32
Yb	1.35	1.15	1.40	3.40	1.70	1.60	2.30	1.60	1.50	1.65
Lu	0.16	0.14	0.16	0.44	0.20	0.18	0.30	0.18	0.18	0.20
Hf	0.40	2.00	2.80		3.00	2.80	0.40	2.60	2.60	1.40
Ta										
Pb	7.0	2.0	3.0	22.0	2.0	1.0	9.0	5.0	4.0	7.0
Th	0.7	1.6	1.0	15.9	1.1	0.9	11.3	1.1	0.6	1.2
Y/Ho	23.71	22.12	22.94	21.84	23.47	23.46	24.50	21.32	22.58	22.53
Zr/Hf	122.50	49.50	45.71		53.00	53.93	285.00	61.92	53.46	70.00
Cu/Ni	0.74	0.93	2.40	1.50	2.07	0.74	0.93	0.65	0.51	1.36
Ni/Co	0.95	0.60	0.46	0.86	0.62	2.02	1.45	1.25	1.96	0.71

Sample#	585430	585405	585432	585431	585433	585434	585435	585436	585452	585437
From(m)	1083.7	1086.15	1091.41	1092.19	1098.42	1106.5	1116.12	1124.25	1124.8	1128.57
To (m)	1083.84	1086.29	1091.52	1093.32	1098.57	1106.63	1116.28	1124.43	1124.95	1128.86
Sc	23	17	28	27	19	31	6	18	12	15
V	258	202	510	543	706	487	230	269	353	409
Cr	328	445	96	109	68	239	21	274	34	27
Co	55	64	50	54	63	46	23	48	44	47
Ni	178	334	109	132	53	139	14	134	8	8
Cu	42	33	66	53	30	43	8	43	7	20
Zn	143	128	152	154	229	153	90	118	110	122
Rb	49.20	54.80	0.20	0.40	0.40	0.20	4.00	63.00	3.20	2.20
Sr	1270	956	256	262	296	267	4180	1210	2310	1900
Y	43	35	31	30	37	35	15	38	34	43
Zr	78	239	144	163	135	232	76	91	108	129
Nb	1.50	23.00	0.50	1.50		2.50	4.00	1.50		
Ba	799	800	4	7	6	8	101	969	54	111
La	115.0	102.0	18.3	19.0	26.5	18.1	16.2	116.0	29.7	30.5
Ce	250.0	208.0	60.1	61.7	87.0	64.9	47.0	239.0	92.6	99.0
Pr	30.30	23.80	10.90	10.80	14.50	11.80	7.68	28.50	15.10	16.90
Nd	114.0	86.8	57.9	56.7	75.9	63.9	38.1	105.0	76.3	86.2
Sm	22.3	15.9	14.4	14.8	20.1	17.2	8.2	18.7	18.2	22.3
Eu	6.40	4.95	4.35	4.25	5.25	4.90	3.20	5.75	5.80	7.00
Gd	15.80	11.80	13.00	13.00	15.80	14.80	6.40	13.60	14.60	19.00
Tb	2.40	1.85	2.00	2.00	2.25	2.25	0.90	2.05	2.25	2.50
Dy	11.40	9.10	8.80	8.85	10.50	10.40	4.10	9.80	9.95	12.20
Ho	1.92	1.46	1.36	1.34	1.70	1.64	0.64	1.66	1.48	2.00
Y	42.7	34.6	30.5	29.8	37.2	35.3	14.6	37.9	34.4	42.5
Er	3.95	3.40	2.80	2.75	3.15	3.25	1.20	3.55	3.00	3.65
Tm	0.50	0.42	0.30	0.28	0.32	0.34	0.14	0.42	0.32	0.40
Yb	2.90	2.60	1.60	1.55	1.80	1.80	0.70	2.50	1.70	2.10
Lu	0.38	0.34	0.18	0.18	0.22	0.22	0.08	0.32	0.20	0.26
Hf		2.60	3.80	4.80	2.80	7.00	2.20	0.40	1.80	2.40
Ta		0.50		0.10		0.20	0.30			
Pb	7.0	9.0	7.0	6.0	5.0	4.0	4.0	10.0	1.0	6.0
Th	7.8	9.1	0.3	0.4	1.1	0.8	0.4	10.5	1.1	5.4
Y/Ho	22.24	23.70	22.43	22.24	21.88	21.52	22.81	22.83	23.24	21.25
Zr/Hf		91.92	37.89	33.96	48.21	33.14	34.55	227.50	60.00	53.75
Cu/Ni	0.24	0.10	0.61	0.40	0.57	0.31	0.57	0.32	0.88	2.50
Ni/Co	3.24	5.22	2.18	2.44	0.84	3.02	0.61	2.79	0.18	0.17

Sample #	585438	585439	585441	585440	585442	585443	585444	585498	585445	585499
From(m)	1132.3	1137.8	1145.33	1146.44	1152.1	1154.2	1155.64	1161.5	1163.69	1168.9
To (m)	1132.48	1137.99	1145.49	1146.58	1152.1	1152.65	1155.81	1162	1163.84	1169.1
Sc	14	23	28	37	27	18	27	26	28	23
V	431	605	482	420	566	302	667	515	622	543
Cr	7	21	68	472	34	130	41	21	82	0
Co	64	60	58	48	83	52	82	44	56	63
Ni	22	13	138	114	139	81	30	38	34	42
Cu	32	47	77	46	117	43	76	31	33	63
Zn	65	150	120	124	175	129	221	60	206	132
Rb	1.60	0.20	4.60	1.00	0.60	63.20	0.40	0.60	0.40	2.20
Sr	542	412	1890	377	503	1340	300	379	301	299
Y	25	49	93	38	41	36	38	44	40	34
Zr	28	202	127	114	176	108	162	153	200	46
Nb	1.50					2.50				
Ba	25	5	598	26	21	1130	13	17	10	16
La	26.0	38.0	156.0	23.8	34.1	129.0	30.7	34.7	22.6	30.0
Ce	83.7	121.0	309.0	78.8	103.0	273.0	96.9	108.0	77.5	95.7
Pr	14.80	20.20	38.00	13.70	17.90	32.10	16.00	17.90	13.70	15.80
Nd	73.5	105.0	164.0	74.2	90.0	118.0	80.3	89.4	70.5	82.0
Sm	19.3	27.1	48.4	19.1	23.0	18.7	19.7	22.4	19.4	20.7
Eu	5.20	7.40	17.40	5.60	6.35	6.20	5.45	7.00	5.65	5.75
Gd	15.40	22.00	46.80	17.00	17.80	15.40	16.60	19.00	16.60	17.60
Tb	2.15	3.10	6.55	2.40	2.50	2.15	2.45	2.80	2.55	2.40
Dy	8.20	14.60	28.80	11.30	11.20	10.50	10.90	11.90	12.00	10.50
Ho	1.10	2.36	4.40	1.78	1.80	1.84	1.82	1.94	1.88	1.56
Y	24.6	48.6	93.4	38.3	41.4	36.2	38.0	44.2	39.5	34.1
Er	1.90	4.30	9.35	3.45	3.60	3.20	3.45	3.65	3.70	2.80
Tm	0.18	0.44	0.98	0.36	0.38	0.40	0.38	0.36	0.38	0.28
Yb	0.75	2.20	5.30	1.85	2.00	2.30	2.05	2.00	2.10	1.40
Lu	0.08	0.26	0.68	0.22	0.22	0.30	0.24	0.22	0.24	0.16
Hf	0.80	4.40	2.40	0.60	4.00	0.40	3.60	2.60	4.20	0.80
Ta										
Pb	15.0	4.0	12.0	3.0	4.0	7.0	2.0		4.0	2.0
Th	0.8	0.7	97.4	1.0	1.9	17.2	0.9	0.7	0.6	0.7
Y/Ho	22.36	20.59	21.23	21.52	23.00	19.67	20.88	22.78	21.01	21.86
Zr/Hf	35.00	45.91	52.92	190.00	44.00	270.00	45.00	58.85	47.62	57.50
Cu/Ni	1.45	3.62	0.56	0.40	0.84	0.53	2.53	0.82	0.97	1.50
Ni/Co	0.34	0.22	2.38	2.38	1.67	1.56	0.37	0.86	0.61	0.67

Sample #	585446	585500	585302	585303	585304	585305	585447	585448	585449	585450
From(m)	1172.46	1175	1176	1177	1178	1179	1181.76	1184.7	1193.13	1197.54
To (m)	1172.6	1176	1177	1178	1179	1180	1181.92	1184.87	1193.27	1197.7
Sc	28	28	25	26	28	27	31	20	27	29
V	627	611	599	588	599	611	605	476	454	471
Cr	82	21	14	34	89	75	137	34	123	123
Co	74	72	72	66	56	55	69	55	53	45
Ni	72	92	94	87	87	99	75	89	80	61
Cu	74	72	76	65	50	49	72	35	27	55
Zn	205	175	188	161	118	112	197	68	132	113
Rb	0.60		0.40	0.40	0.20	0.20		0.40	1.20	4.80
Sr	392	324	327	300	297	297	292	472	242	273
Y	40	39	40	37	38	36	36	24	28	128
Zr	160	186	136	129	147	148	72	25	16	136
Nb										14.00
Ba	47	7	14	15	15	14	11	40	17	129
La	31.8	28.6	33.6	29.9	28.1	26.8	23.5	23.1	22.3	19.3
Ce	91.4	91.2	104.0	94.5	89.4	86.7	78.5	73.0	72.2	76.8
Pr	15.00	15.80	16.80	15.20	15.10	14.60	13.60	12.40	12.40	15.80
Nd	74.2	80.6	85.7	77.0	78.4	74.3	68.4	64.3	65.0	93.6
Sm	19.5	19.9	20.3	18.8	19.0	18.7	18.6	16.6	16.6	36.9
Eu	6.00	5.65	6.00	6.15	5.60	5.60	5.15	4.75	4.85	11.90
Gd	17.60	16.20	17.60	16.20	16.60	16.20	15.40	14.20	13.60	33.60
Tb	2.60	2.35	2.55	2.15	2.30	2.35	2.30	1.85	2.00	5.70
Dy	12.10	11.20	11.90	10.70	10.70	10.80	10.10	7.65	9.40	28.60
Ho	1.98	1.74	1.78	1.94	1.68	1.78	1.70	1.08	1.26	5.06
Y	39.6	38.7	39.6	36.9	37.7	36.2	35.6	23.8	27.6	128.0
Er	3.70	3.40	3.50	3.25	3.35	3.35	3.10	2.00	2.30	12.50
Tm	0.40	0.34	0.38	0.34	0.34	0.36	0.32	0.22	0.22	1.56
Yb	2.10	1.90	2.00	1.75	1.85	1.85	1.65	1.05	0.95	8.75
Lu	0.24	0.22	0.22	0.20	0.22	0.22	0.18	0.12	0.12	1.12
Hf	3.00	4.00	2.20	2.40	2.80	3.00	0.80	0.80		2.60
Ta										
Pb	2.0		1.0	1.0			1.0	5.0	2.0	13.0
Th	6.8	0.7	0.8	0.6	0.6	0.6	0.6	9.0	0.4	116.0
Y/Ho	20.00	22.24	22.25	19.02	22.44	20.34	20.94	22.04	21.90	25.30
Zr/Hf	53.33	46.50	61.82	53.75	52.50	49.33	90.00	31.25		52.31
Cu/Ni	1.03	0.78	0.81	0.75	0.57	0.49	0.96	0.39	0.34	0.90
Ni/Co	0.97	1.28	1.31	1.32	1.55	1.80	1.09	1.62	1.51	1.36

Sample #	585451	585453	585454	585455	585456	585457	585312	585313	585458	585459
From(m)	1208.14	1217.74	1227.57	1238.52	1245.45	1255.51	1256	1257	1265.23	1274.66
To (m)	1208.3	1217.91	1227.74	1238.68	1245.57	1255.7	1257	1258	1265.39	1274.84
Sc	29	36	19	25	16	24	23	23	14	11
V	644	504	246	599	465	605	566	571	415	426
Cr	62	281	151	14	7	21	7	82	48	7
Co	75	58	41	65	58	55	67	47	38	47
Ni	78	131	89	10	11	40	49	18	8	4
Cu	96	72	44	63	16	41	71	27	8	4
Zn	209	162	133	179	22	128	137	75	104	125
Rb	0.20	0.40	86.00	0.60	1.40	0.40	1.40	2.00	1.60	1.20
Sr	251	237	3130	342	437	291	305	343	1440	1860
Y	36	31	49	41	21	32	32	45	29	27
Zr	236	225	171	149	52	154	94	99	112	138
Nb	1.00	4.00	3.00		6.00					0.50
Ba	15	8	1230	12	23	6	23	29	37	40
La	19.1	14.9	178.0	31.4	23.4	24.9	28.4	30.4	22.6	22.0
Ce	63.5	53.0	351.0	98.1	73.4	77.7	85.4	89.9	70.0	68.8
Pr	11.50	9.86	39.20	16.80	12.60	13.40	13.90	15.30	11.90	11.50
Nd	60.6	52.0	142.0	83.8	63.8	69.8	71.2	75.7	59.4	56.0
Sm	16.3	14.9	24.3	22.3	15.0	17.4	17.5	21.2	14.9	14.9
Eu	4.60	4.40	7.45	6.35	4.65	5.25	5.15	6.05	4.65	4.45
Gd	15.00	12.60	16.80	17.80	12.40	15.00	15.40	18.60	12.40	12.00
Tb	2.05	1.85	2.60	2.70	1.65	2.20	2.20	2.60	1.85	1.70
Dy	10.50	8.85	12.10	11.70	7.15	9.60	9.85	12.60	8.90	7.95
Ho	1.78	1.34	1.98	1.88	0.94	1.42	1.54	2.10	1.24	1.20
Y	36.1	30.8	49.0	40.7	20.7	31.9	31.8	44.6	28.7	26.7
Er	3.15	2.75	4.35	3.65	1.70	2.80	2.70	4.05	2.50	2.35
Tm	0.34	0.30	0.56	0.38	0.18	0.28	0.28	0.44	0.28	0.26
Yb	1.85	1.60	3.25	2.00	0.75	1.45	1.45	2.35	1.30	1.35
Lu	0.22	0.18	0.42	0.24	0.08	0.16	0.16	0.28	0.16	0.16
Hf	7.80	7.80	0.60	3.00	2.20	3.40	1.60	1.80	2.00	3.20
Ta		0.40	0.10		0.40					
Pb	5.0	1.0	16.0	4.0	11.0	1.0	2.0	2.0		2.0
Th	1.7	0.4	18.7	4.2	0.7	0.9	0.9	7.9	0.9	0.8
Y/Ho	20.28	22.99	24.75	21.65	22.02	22.46	20.65	21.24	23.15	22.25
Zr/Hf	30.26	28.85	285.00	49.67	23.64	45.29	58.75	55.00	56.00	43.13
Cu/Ni	1.23	0.55	0.49	6.30	1.45	1.03	1.45	1.50	1.00	1.00
Ni/Co	1.04	2.26	2.17	0.15	0.19	0.73	0.73	0.38	0.21	0.09

Sample#	585460	585461	585489	585462	585463	585464	585465	585466	585467	585468
From(m)	1285.4	1296.24	1301.79	1312.14	1321.54	1333.4	1340.52	1347.63	1353	1354.17
To (m)	1285.56	1296.4	1301.95	1312.32	1321.7	1333.58	1340.68	1347.82	1354.17	1355.05
Sc	10	20	16	20	22	23	23	20	17	10
V	347	622	207	605	611	566	571	605	538	280
Cr	7	14	424	0	0	14	14	14	34	21
Co	35	53	69	56	59	59	52	43	48	33
Ni	4	3	396	4	2	2	9	1	2	27
Cu	5	27	32	38	46	52	40	25	29	9
Zn	103	150	100	144	138	125	141	92	131	115
Rb	2.60	0.20	49.00	0.40	0.20	0.40	0.40	0.40	3.40	7.80
Sr	1330	322	644	298	295	331	310	269	358	796
Y	23	38	23	36	37	33	36	36	33	67
Zr	89	135	237	161	187	143	100	128	100	52
Nb			61.50							11.50
Ba	33	6	641	9	6	14	18	16	463	671
La	19.6	30.5	41.2	29.9	29.1	27.4	30.9	31.4	26.8	55.6
Ce	59.9	95.3	88.3	92.5	91.3	85.0	94.3	95.0	82.3	180.0
Pr	9.68	15.80	10.80	15.70	15.30	14.00	15.40	16.10	14.40	27.30
Nd	50.9	81.4	43.3	76.2	80.5	73.6	78.9	78.5	70.8	118.0
Sm	12.7	20.5	8.7	19.8	19.8	19.4	18.5	18.5	17.6	27.3
Eu	3.95	5.65	2.70	5.65	5.75	5.35	5.75	5.75	5.10	8.20
Gd	10.80	17.60	7.00	17.00	16.60	15.60	16.80	17.20	15.80	19.80
Tb	1.55	2.55	1.05	2.35	2.35	2.25	2.30	2.30	2.40	3.10
Dy	6.60	11.20	5.35	10.90	10.70	10.10	10.30	11.40	10.20	15.30
Ho	1.02	1.80	0.92	1.72	1.70	1.54	1.56	1.64	1.52	2.60
Y	22.7	37.7	22.8	36.2	36.8	33.3	35.7	35.6	33.0	66.7
Er	1.90	3.30	2.20	3.20	3.20	2.85	2.85	3.00	3.00	6.70
Tm	0.20	0.34	0.28	0.32	0.32	0.28	0.30	0.30	0.32	0.80
Yb	0.95	1.80	1.65	1.70	1.75	1.55	1.55	1.50	1.60	4.75
Lu	0.12	0.20	0.20	0.20	0.20	0.16	0.16	0.18	0.18	0.58
Hf	2.00	2.60	4.80	3.40	4.20	3.40	2.40	3.00	2.20	1.20
Ta			2.20							0.20
Pb			3.0		1.0	1.0	2.0	4.0	3.0	11.0
Th	0.9	0.8	5.0	0.8	0.7	0.7	1.4	0.8	2.0	29.5
Y/Ho	22.25	20.94	24.78	21.05	21.65	21.62	22.88	21.71	21.71	25.65
Zr/Hf	44.50	51.92	49.38	47.35	44.52	42.06	41.67	42.67	45.45	43.33
Cu/Ni	1.25	9.00	0.08	9.50	23.00	26.00	4.44	25.00	14.50	0.33
Ni/Co	0.11	0.06	5.74	0.07	0.03	0.03	0.17	0.02	0.04	0.82

Sample#	585469	585470	585471	585472	585473	585474	585475	585476	585477	585478
From(m)	1355.05	1356.05	1357.05	1358.08	1359.07	1360.07	1360.73	1361.64	1362.64	1363.66
To (m)	1356.07	1357.05	1358.08	1359.07	1360.07	1360.73	1361.64	1362.64	1363.66	1364.67
Sc	5	3	6	18	22	17	5	5	5	14
V	112	56	162	521	510	409	84	123	90	218
Cr	14	0	7	7	0	0	7	55	21	55
Co	29	60	31	44	45	44	44	26	41	55
Ni	22	41	10	11	19	18	37	23	43	115
Cu	25	15	5	13	21	19	14	1	9	44
Zn	110	165	190	155	222	451	139	87	130	155
Rb	3.20		3.00	23.60	8.60	7.80				1.20
Sr	943	745	1050	300	350	457	678	894	1110	342
Y	28	22	27	108	117	70	21	29	52	27
Zr	15	4	9	34	29	19	4	4	2	20
Nb	125.00	51.50	36.00				92.50	161.00	198.00	47.00
Ba	344	54	867	689	829	472	42	40	46	41
La	181.0	669.0	165.0	33.4	44.9	63.8	378.0	282.0	423.0	19.2
Ce	457.0	1620.0	448.0	114.0	165.0	199.0	910.0	689.0	1120.0	62.0
Pr	53.90	182.00	57.70	18.70	29.40	29.60	102.00	79.30	141.00	8.62
Nd	184.0	586.0	206.0	92.3	152.0	124.0	337.0	267.0	529.0	37.6
Sm	28.0	70.9	31.5	27.7	46.3	27.8	41.7	35.0	85.1	8.9
Eu	6.80	14.60	7.45	9.35	13.90	7.85	9.40	7.75	20.10	2.80
Gd	13.60	27.20	14.80	25.80	36.00	20.20	18.60	16.00	40.60	7.00
Tb	1.65	2.45	1.80	4.45	5.40	3.10	1.95	1.80	4.30	1.20
Dy	7.50	8.50	6.25	22.60	26.30	14.60	6.55	7.85	16.80	6.15
Ho	1.14	1.02	1.14	4.26	4.68	2.80	0.98	1.24	2.50	1.08
Y	28.2	21.9	26.7	108.0	117.0	70.3	21.1	29.4	52.4	26.8
Er	2.20	0.10	2.15	10.50	11.10	7.05	1.10	2.20	3.65	2.85
Tm	0.36	0.26	0.34	1.32	1.40	0.90	0.28	0.40	0.64	0.38
Yb	2.20	1.50	2.15	8.00	8.35	5.95	1.75	2.50	3.75	2.40
Lu	0.30	0.22	0.30	0.96	1.02	0.76	0.22	0.34	0.48	0.32
Hf			0.40	0.40	0.40					0.80
Ta	0.10						0.20	0.20	0.30	
Pb	16.0	16.0	47.0	31.0	92.0	43.0	19.0	8.0	11.0	8.0
Th	10.4	24.7	8.9	61.6	24.2	13.6	16.9	23.7	34.2	10.4
Y/Ho	24.74	21.47	23.42	25.35	25.00	25.11	21.53	23.71	20.96	24.81
Zr/Hf			22.50	85.00	72.50					25.00
Cu/Ni	1.14	0.37	0.50	1.18	1.11	1.06	0.38	0.04	0.21	0.38
Ni/Co	0.76	0.68	0.32	0.25	0.42	0.41	0.84	0.88	1.05	2.09

Sample #	585479	585480	585481	585482	585483	585488	585484	585485	585314	585315
From(m)	1364.67	1365.29	1366.3	1367.3	1368.3	1378.62	1388.77	1389.79	1390	1391
To (m)	1365.29	1366.3	1367.3	1368.3	1369.3	1378.81	1388.97	1389.95	1391	1392
Sc	20	15	12	14	12	22	19	22	18	18
V	504	387	302	325	364	515	521	521	521	504
Cr	27	7	14	7	27	0	0	48	14	48
Co	46	40	36	39	34	43	44	35	47	41
Ni	12	10	24	12	8	42	18	18	15	12
Cu	78	23	36	14	9	30	21	12	23	25
Zn	136	111	192	247	161	67	76	42	71	68
Rb	10.60	8.00	8.60	12.60	8.60	0.20	0.60	0.60	1.20	1.60
Sr	348	733	1040	728	1030	258	288	310	274	298
Y	76	123	94	82	81	35	40	39	35	34
Zr	12	25	18	8	59	111	102	104	68	79
Nb	1.00	0.50	1.00	0.50						
Ba	65	456	583	529	518	20	31	53	30	28
La	33.9	36.5	37.7	59.7	25.2	28.2	27.9	31.0	29.1	30.7
Ce	117.0	125.0	120.0	202.0	88.4	85.9	88.1	95.5	93.4	94.5
Pr	19.40	21.30	19.90	31.50	16.50	14.70	14.70	15.80	15.80	16.30
Nd	96.2	104.0	99.0	149.0	87.6	74.6	76.2	81.8	80.1	82.9
Sm	27.0	28.5	27.0	36.5	32.1	19.0	20.6	19.8	20.0	20.6
Eu	7.85	9.60	9.05	11.20	10.40	5.35	5.75	6.15	5.60	5.80
Gd	21.80	27.00	24.20	30.40	27.20	15.40	17.40	17.40	16.40	17.40
Tb	3.55	4.65	4.10	4.50	4.35	2.25	2.50	2.45	2.50	2.45
Dy	18.30	25.10	21.10	20.90	20.20	10.00	11.40	10.90	10.10	11.20
Ho	3.00	4.50	3.58	3.28	3.28	1.46	1.86	1.74	1.60	1.76
Y	76.3	123.0	93.7	82.2	80.7	34.5	39.5	39.0	35.0	34.4
Er	7.05	11.30	9.30	7.05	7.65	2.80	3.45	3.20	2.80	3.00
Tm	0.86	1.40	1.10	0.86	0.86	0.30	0.36	0.34	0.28	0.32
Yb	4.90	8.25	6.60	4.55	5.00	1.45	1.95	1.75	1.40	1.55
Lu	0.60	0.96	0.74	0.54	0.62	0.16	0.20	0.18	0.16	0.18
Hf					0.60	2.60	2.40	2.60	1.40	1.40
Ta										
Pb	24.0	43.0	46.0	14.0	10.0	2.0	5.0	3.0	2.0	1.0
Th	47.1	230.0	60.5	36.4	28.7	0.8	10.2	8.9	1.9	3.3
Y/Ho	25.43	27.33	26.17	25.06	24.60	23.63	21.24	22.41	21.88	19.55
Zr/Hf					98.33	42.69	42.50	40.00	48.57	56.43
Cu/Ni	6.50	2.30	1.50	1.17	1.13	0.71	1.17	0.67	1.53	2.08
Ni/Co	0.26	0.25	0.67	0.31	0.24	0.98	0.41	0.51	0.32	0.29

Sample #	585316	585317	585318	585319	585320	585321	585322	585323	585325	585324
From(m)	1392	1393	1394	1400	1401	1402	1403	1404	1404	1405
To (m)	1393	1394	1395	1401	1402	1403	1404	1405	1407	1406
Sc	20	19	19	22	22	22	23	23	26	26
V	560	538	543	515	521	555	543	588	566	527
Cr	14	21	62	34	130	7	34	41	96	219
Co	47	53	58	57	58	65	59	66	64	59
Ni	14	20	21	40	42	47	47	53	66	74
Cu	29	35	38	32	26	47	40	41	45	38
Zn	100	127	157	130	136	151	130	163	144	149
Rb	0.40	0.40	0.40	0.40	0.40	0.60	1.20	2.60	2.00	3.40
Sr	287	279	282	239	266	206	179	186	186	208
Y	35	34	36	32	35	32	24	23	25	28
Zr	138	114	156	112	145	114	102	54	165	116
Nb							1.50		3.00	4.00
Ba	20	20	19	39	38	46	42	43	40	75
La	29.9	28.2	28.9	26.2	27.9	22.4	14.5	13.3	11.0	10.8
Ce	92.3	87.2	90.0	81.8	86.7	72.4	47.8	45.2	40.5	40.8
Pr	15.60	14.90	15.60	14.10	14.40	12.40	8.90	8.22	7.82	7.62
Nd	78.7	75.5	80.2	71.1	72.0	64.8	46.2	44.6	42.8	43.3
Sm	19.4	20.2	19.4	17.6	19.0	17.4	13.0	12.1	12.0	12.8
Eu	5.85	5.50	5.75	5.35	5.75	5.00	3.70	3.85	3.90	4.05
Gd	16.40	16.20	16.60	15.80	15.20	14.20	10.80	10.80	11.00	11.80
Tb	2.35	2.35	2.30	2.30	2.05	2.15	1.65	1.65	1.65	1.70
Dy	10.90	10.20	10.50	9.75	10.70	9.35	7.50	7.00	7.80	8.45
Ho	1.68	1.62	1.66	1.52	1.72	1.54	1.10	1.06	1.18	1.26
Y	35.2	34.4	36.4	32.1	34.6	32.4	23.6	23.0	24.6	27.6
Er	3.05	2.95	3.05	2.85	2.90	2.90	2.15	2.10	2.40	2.65
Tm	0.32	0.28	0.30	0.28	0.28	0.30	0.24	0.22	0.26	0.28
Yb	1.60	1.50	1.55	1.40	1.55	1.60	1.10	1.10	1.40	1.50
Lu	0.18	0.16	0.16	0.16	0.16	0.18	0.14	0.12	0.16	0.16
Hf	3.00	2.60	3.40	2.60	3.40	3.20	4.20	2.20	6.60	4.40
Ta							0.20		0.20	0.30
Pb	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0
Th	0.8	0.8	1.0	1.7	0.9	5.7	2.1	6.0	2.0	6.4
Y/Ho	20.95	21.23	21.93	21.12	20.12	21.04	21.45	21.70	20.85	21.90
Zr/Hf	46.00	43.85	45.88	43.08	42.65	35.63	24.29	24.55	25.00	26.36
Cu/Ni	2.07	1.75	1.81	0.80	0.62	1.00	0.85	0.77	0.68	0.51
Ni/Co	0.30	0.38	0.36	0.70	0.72	0.72	0.80	0.80	1.03	1.25

Sample#	585486	585487	585490	585491	585492	585493	585494	585326	585327	585328
From(m)	1408.37	1419.12	1429.58	1439.4	1449.61	1458.65	1467.57	1470	1471	1472
To (m)	1408.57	1419.27	1429.78	1439.62	1449.8	1458.85	1467.8	1471	1472	1473
Sc	24	22	28	32	34	22	24	27	25	24
V	588	560	566	555	549	286	622	599	566	566
Cr	301	14	34	116	137	376	68	144	130	116
Co	63	39	73	66	53	57	52	54	52	53
Ni	68	15	123	107	55	231	100	82	76	78
Cu	42	29	68	54	36	43	31	36	35	36
Zn	165	41	141	122	132	103	90	126	133	140
Rb	0.20	0.40	0.60	0.40	0.20	81.80	1.00	0.40	3.00	9.40
Sr	199	339	320	304	216	1280	251	227	247	292
Y	26	38	34	32	26	30	30	29	31	34
Zr	184	157	81	148	231	209	165	192	184	160
Nb	2.50				1.50	7.50				
Ba	23	45	24	15	10	1090	20	10	23	83
La	12.7	32.3	30.1	27.5	14.4	81.2	22.0	18.8	20.9	21.9
Ce	44.6	98.5	90.8	82.4	48.7	168.0	66.7	59.9	64.9	71.9
Pr	8.32	16.50	14.70	14.20	8.84	19.90	11.40	10.60	11.10	12.20
Nd	45.7	83.0	73.0	68.5	47.3	73.1	58.7	56.8	58.6	60.9
Sm	13.0	20.7	18.3	16.8	11.7	14.2	15.2	15.8	15.5	16.4
Eu	3.85	5.55	5.30	4.95	4.00	4.40	4.55	4.05	4.55	4.65
Gd	11.80	17.60	15.00	13.80	11.80	10.80	13.00	12.80	13.00	14.00
Tb	1.65	2.40	2.15	2.05	1.55	1.60	1.85	1.85	2.00	2.10
Dy	8.30	10.80	9.55	9.05	7.80	7.50	8.65	8.90	8.85	9.85
Ho	1.14	1.62	1.46	1.38	1.14	1.24	1.30	1.34	1.40	1.62
Y	26.0	38.0	34.1	31.5	25.5	30.3	29.5	29.3	30.5	34.3
Er	2.40	3.25	2.75	2.80	2.40	2.80	2.65	2.65	2.85	3.25
Tm	0.26	0.32	0.28	0.28	0.26	0.34	0.28	0.28	0.30	0.36
Yb	1.25	1.75	1.50	1.50	1.35	2.05	1.45	1.50	1.60	2.00
Lu	0.16	0.20	0.16	0.16	0.16	0.26	0.16	0.18	0.18	0.24
Hf	7.60	3.00	1.00	2.60	8.00	2.60	3.20	4.40	4.60	3.00
Ta	0.20									
Pb	2.0			2.0		11.0	2.0		2.0	3.0
Th	0.8	1.1	1.6	0.7	0.4	8.1	2.0	3.5	2.9	6.6
Y/Ho	22.81	23.46	23.36	22.83	22.37	24.44	22.69	21.87	21.79	21.17
Zr/Hf	24.21	52.33	81.00	56.92	28.88	80.38	51.56	43.64	40.00	53.33
Cu/Ni	0.62	1.93	0.55	0.50	0.65	0.19	0.31	0.44	0.46	0.46
Ni/Co	1.08	0.38	1.68	1.62	1.04	4.05	1.92	1.52	1.46	1.47

Sample #	585329	585330	585331	585332	585495	585496	585333	585334	585497	585335
From(m)	1473	1474	1475	1476	1477.2	1482.7	1486	1487.7	1493.41	1500.55
To (m)	1474	1475	1476	1477	1477.4	1482.89	1487	1488	1493.58	1501
Sc	23	24	26	28	27	25	12	23	22	19
V	599	571	521	487	560	274	330	263	627	655
Cr	41	192	198	458	328	239	34	239	34	62
Co	60	55	46	46	48	41	38	41	41	49
Ni	87	74	57	56	54	80	33	97	72	33
Cu	46	59	30	33	32	45	36	49	50	39
Zn	141	119	104	120	112	110	138	112	78	140
Rb	2.20	1.20	1.40	4.00	1.60	70.00	12.20	53.00	0.40	0.60
Sr	276	275	259	239	254	1340	778	954	268	240
Y	29	30	28	35	32	37	45	43	33	29
Zr	172	162	149	238	143	258	104	264	179	162
Nb				5.00		2.50	51.50	7.50		
Ba	22	18	20	58	16	1190	379	1070	10	13
La	19.5	20.2	19.7	17.9	20.0	91.1	61.2	89.0	23.7	19.9
Ce	63.9	65.2	62.6	60.6	64.4	191.0	158.0	190.0	75.7	63.7
Pr	11.00	11.20	10.50	10.80	10.90	22.20	21.00	23.80	12.60	10.80
Nd	57.2	57.6	54.5	57.6	57.6	86.4	83.1	91.6	63.0	56.6
Sm	14.4	14.9	14.0	15.9	15.6	16.7	18.3	19.4	17.6	15.1
Eu	4.45	4.30	4.60	4.95	4.40	5.05	5.70	5.95	4.95	4.45
Gd	12.40	13.00	13.40	13.60	13.40	11.80	14.20	14.80	14.20	13.20
Tb	1.80	1.85	2.00	2.05	2.05	1.85	2.25	2.30	2.15	1.85
Dy	8.60	8.65	8.70	9.80	8.90	9.10	11.10	11.20	9.60	8.90
Ho	1.36	1.44	1.28	1.56	1.38	1.54	2.00	1.80	1.44	1.34
Y	29.3	30.3	28.3	35.2	31.7	36.7	45.3	43.2	32.6	29.0
Er	2.70	2.90	2.65	3.25	2.70	3.25	4.45	4.15	2.85	2.60
Tm	0.28	0.30	0.28	0.36	0.30	0.40	0.56	0.52	0.30	0.28
Yb	1.55	1.65	1.45	2.05	1.55	2.45	3.25	3.00	1.55	1.45
Lu	0.18	0.20	0.16	0.24	0.18	0.30	0.40	0.38	0.18	0.16
Hf	4.40	4.80	3.60	8.20	2.60	2.20	3.40	3.20	3.60	3.60
Ta				0.30		0.10	1.20			
Pb	1.0	1.0		3.0		7.0	32.0	7.0	2.0	
Th	1.2	1.7	1.0	9.8	2.7	9.0	22.2	14.2	0.7	0.6
Y/Ho	21.54	21.04	22.11	22.56	22.97	23.83	22.65	24.00	22.64	21.64
Zr/Hf	39.09	33.75	41.39	29.02	55.00	117.27	30.59	82.50	49.72	45.00
Cu/Ni	0.53	0.80	0.53	0.59	0.59	0.56	1.09	0.51	0.69	1.18
Ni/Co	1.45	1.35	1.24	1.22	1.13	1.95	0.87	2.37	1.76	0.67

Sample #	585336	585337	585338	585339	585340	585341	585342	585343	585344	585345
From(m)	1515	1523	1524	1525	1535	1536	1537	1538	1539	1539.77
To (m)	1515.35	1524	1525	1526	1536	1537	1538	1539	1539.77	1540
Sc	19	16	24	23	26	27	26	25	24	24
V	415	426	543	538	622	566	627	706	650	633
Cr	82	41	7	7	96	82	34	14	7	34
Co	41	43	51	53	45	40	54	60	62	64
Ni	45	21	6	7	51	29	26	22	14	10
Cu	12	23	8	8	4	5	8	15	10	16
Zn	92	128	112	103	65	49	77	101	116	135
Rb	19.40	9.00	2.20	1.60	0.40	0.60	0.40	0.20	0.20	0.40
Sr	464	565	233	248	271	250	223	213	228	280
Y	28	40	26	27	31	28	25	25	27	27
Zr	87	51	83	80	129	124	114	128	114	84
Nb	0.50									
Ba	301	255	22	19	7	11	9	5	6	8
La	49.1	47.6	26.0	27.3	32.5	27.5	23.9	21.5	25.2	27.5
Ce	118.0	124.0	75.3	79.8	94.6	80.8	71.6	63.8	75.5	80.1
Pr	16.40	17.50	12.00	12.60	15.20	12.90	11.40	10.40	12.20	12.70
Nd	71.0	75.4	62.1	62.3	73.3	66.0	59.3	51.3	61.5	63.8
Sm	15.3	17.0	15.7	15.3	18.3	16.1	14.4	12.8	15.3	14.9
Eu	4.45	5.10	4.45	4.40	5.10	4.75	4.25	3.75	4.45	4.65
Gd	11.80	13.80	13.00	13.20	15.40	13.40	11.80	12.00	12.80	13.60
Tb	1.75	2.10	1.80	1.85	2.10	1.85	1.75	1.65	1.75	1.85
Dy	7.80	9.90	8.05	8.55	9.70	8.30	8.00	7.40	8.15	8.25
Ho	1.24	1.70	1.18	1.18	1.54	1.24	1.18	1.10	1.20	1.22
Y	28.3	39.6	26.3	26.8	31.0	27.9	25.4	24.8	27.0	27.2
Er	2.50	3.50	2.30	2.25	2.65	2.40	2.30	2.15	2.35	2.45
Tm	0.28	0.42	0.26	0.24	0.28	0.26	0.26	0.24	0.26	0.26
Yb	1.50	2.45	1.20	1.15	1.45	1.30	1.15	1.15	1.30	1.30
Lu	0.18	0.30	0.16	0.14	0.16	0.16	0.16	0.14	0.16	0.16
Hf	0.60	0.60	1.80	1.60	2.60	3.00	2.60	3.00	2.60	1.60
Ta										
Pb	3.0	23.0	2.0			1.0	3.0		1.0	
Th	4.9	14.5	2.2	1.9	0.8	0.7	0.6	0.4	0.7	0.7
Y/Ho	22.82	23.29	22.29	22.71	20.13	22.50	21.53	22.55	22.50	22.30
Zr/Hf	145.00	85.00	46.11	50.00	49.62	41.33	43.85	42.67	43.85	52.50
Cu/Ni	0.27	1.10	1.33	1.14	0.08	0.17	0.31	0.68	0.71	1.60
Ni/Co	1.10	0.49	0.12	0.13	1.13	0.73	0.48	0.37	0.23	0.16

Sample #	585346	585347	585348	585349	2570	585350	585351	585352	585353	585354
From(m)	1547.7	1554.78	1558.07	1559.32	1569.55	1580	1581	1582	1591.03	1591.4
To (m)	1548	1554.98	1558.37	1559.7	1569.75	1581	1582	1583	1591.27	1591.65
Sc	26	25	25	23	39	31	31	34	35	34
V	566	555	605	527	577	627	627	599	527	487
Cr	48	27	27	68	178	48	89	157	513	486
Co	64	50	44	40	66	61	79	79	69	60
Ni	19	7	3	26	88	114	87	79	45	42
Cu	21	14	8	13	45	22	39	48	48	39
Zn	118	60	58	48	112	54	97	105	98	80
Rb	12.20	0.40	0.40	17.40	2.80	0.40	0.40	0.40	0.40	1.00
Sr	329	232	246	565	280	271	223	227	191	227
Y	35	24	28	34	29	31	26	26	22	28
Zr	89	60	126	102	146	131	145	166	85	38
Nb					0.50					
Ba	180	9	8	337	45	6	7	6	21	23
La	36.2	24.9	26.5	51.5	25.3	28.5	19.5	19.3	17.4	15.6
Ce	96.2	71.6	76.8	120.0	73.5	81.4	59.1	58.8	53.8	50.4
Pr	14.90	11.90	12.80	17.00	12.00	13.20	9.76	9.96	9.20	8.74
Nd	69.2	58.6	62.2	75.9	57.8	64.3	50.8	50.2	45.4	44.2
Sm	17.5	14.0	16.1	16.6	14.4	16.5	13.4	13.1	11.8	12.5
Eu	5.35	4.30	4.50	5.00	4.20	4.75	3.85	3.85	3.30	3.70
Gd	15.80	11.80	14.00	13.40	12.60	13.60	11.20	12.20	10.80	11.80
Tb	2.30	1.60	1.75	2.00	1.70	2.00	1.70	1.70	1.40	1.60
Dy	10.00	7.70	8.60	9.35	8.30	8.75	7.25	7.50	6.65	7.90
Ho	1.60	1.06	1.26	1.46	1.32	1.36	1.10	1.12	0.98	1.16
Y	35.4	23.8	28.2	33.5	29.4	30.5	25.9	26.4	22.1	27.5
Er	3.10	2.00	2.50	3.00	2.60	2.75	2.30	2.30	2.05	2.45
Tm	0.34	0.22	0.26	0.34	0.28	0.28	0.26	0.26	0.22	0.28
Yb	1.90	1.05	1.25	1.90	1.50	1.50	1.30	1.30	1.05	1.55
Lu	0.22	0.12	0.16	0.22	0.18	0.18	0.16	0.16	0.14	0.18
Hf	1.40	1.20	2.60	1.20	2.60	2.60	3.20	4.00	1.40	
Ta										
Pb	4.0	1.0	1.0	8.0				2.0	6.0	2.0
Th	10.2	1.7	0.7	10.3	0.7	0.9	0.4	0.4	1.1	3.4
Y/Ho	22.13	22.45	22.38	22.95	22.27	22.43	23.55	23.57	22.55	23.71
Zr/Hf	63.57	50.00	48.46	85.00	56.15	50.38	45.31	41.50	60.71	
Cu/Ni	1.11	2.00	2.67	0.50	0.51	0.19	0.45	0.61	1.07	0.93
Ni/Co	0.30	0.14	0.07	0.65	1.33	1.87	1.10	1.00	0.65	0.70

Sample #	2571	2572	2573	2574	585355	585356	585357	585358	585359	585360
From(m)	1602.39	1612.47	1624.15	1637.39	1644	1645	1646	1647	1648	1649
To (m)	1602.52	1612.67	1624.43	1637.64	1645	1646	1647	1648	1649	1650
Sc	41	48	29	42	43	40	37	37	33	27
V	605	443	706	493	588	650	650	683	672	661
Cr	164	944	123	657	328	116	89	48	27	21
Co	81	51	72	54	57	62	64	73	75	44
Ni	74	102	185	107	169	176	167	108	74	74
Cu	66	33	79	49	41	59	72	102	157	89
Zn	114	79	144	106	125	130	130	142	132	54
Rb	1.20	1.40	1.00	1.20	0.20	0.20	0.20	0.40	0.40	0.20
Sr	186	186	221	216	158	145	161	181	190	248
Y	22	24	29	25	21	20	22	23	24	30
Zr	131	236	168	211	198	184	208	207	125	115
Nb		3.50		4.00	1.00	2.50	2.50	2.50		
Ba	12	21	12	31	3	3	4	5	4	3
La	14.4	12.0	19.4	15.8	9.2	8.8	10.4	12.9	15.5	26.4
Ce	45.2	39.3	61.3	49.6	32.9	31.4	35.8	43.6	48.9	77.2
Pr	7.60	7.04	10.50	8.60	6.14	5.78	6.64	7.62	8.34	12.40
Nd	38.2	38.4	54.1	45.0	34.4	32.2	36.6	38.9	44.8	64.2
Sm	10.2	10.7	14.3	11.1	9.4	9.0	9.8	10.6	11.9	16.2
Eu	3.30	3.35	4.25	3.55	2.85	2.75	2.95	3.20	3.40	4.70
Gd	9.60	10.00	12.80	10.00	8.40	8.20	9.20	9.60	10.60	13.40
Tb	1.30	1.40	1.85	1.55	1.25	1.20	1.30	1.35	1.45	1.85
Dy	6.35	7.10	8.50	7.00	6.25	5.85	6.40	7.20	6.85	9.00
Ho	0.96	1.06	1.30	1.12	0.96	0.94	0.96	1.04	1.04	1.28
Y	22.2	23.8	29.0	25.1	21.2	19.8	21.7	23.0	23.7	30.2
Er	2.00	2.20	2.55	2.25	1.95	1.90	2.05	2.05	2.20	2.60
Tm	0.22	0.26	0.28	0.26	0.22	0.22	0.24	0.24	0.24	0.28
Yb	1.15	1.30	1.45	1.35	1.10	1.10	1.15	1.20	1.25	1.40
Lu	0.14	0.16	0.18	0.16	0.14	0.14	0.16	0.16	0.16	0.16
Hf	2.80	8.00	3.80	7.60	7.40	7.40	7.60	7.40	3.40	2.40
Ta		0.30		0.20	0.20	0.20	0.20	0.20		
Pb				1.0						2.0
Th	0.4	0.4	0.7	0.4	0.2	0.2	0.2	0.3	0.3	0.7
Y/Ho	23.13	22.45	22.31	22.41	22.08	21.06	22.60	22.12	22.79	23.59
Zr/Hf	46.79	29.50	44.21	27.76	26.76	24.86	27.37	27.97	36.76	47.92
Cu/Ni	0.89	0.32	0.43	0.46	0.24	0.34	0.43	0.94	2.12	1.20
Ni/Co	0.91	2.00	2.57	1.98	2.96	2.84	2.61	1.48	0.99	1.68

Sample #	585361	585362	585363	585364	585365	585366	585367	585368	585369	585370
From(m)	1650	1651	1652	1653	1655	1656	1657	1658	1659	1662.2
To (m)	1651	1652	1653	1654	1656	1657	1658	1659	1660	1662.55
Sc	31	29	34	33	36	41	40	45	46	42
V	672	655	622	611	549	549	549	538	482	650
Cr	21	151	246	178	253	267	431	759	753	185
Co	73	69	70	68	61	55	57	54	59	81
Ni	137	157	145	171	159	156	180	157	179	239
Cu	161	136	140	149	111	93	87	68	98	86
Zn	132	112	129	127	118	112	87	115	106	144
Rb	0.20			0.60	10.00	2.20	1.20	0.40	0.20	0.40
Sr	268	271	218	234	377	184	238	178	186	156
Y	32	32	26	26	27	23	25	22	24	20
Zr	136	142	142	98	163	149	143	165	195	173
Nb						0.50			1.50	1.00
Ba	3	3	3	6	180	4	14	5	5	8
La	28.3	28.7	21.1	23.1	31.5	14.2	20.1	10.8	11.8	9.3
Ce	84.0	85.1	64.0	67.3	79.8	46.2	60.8	38.0	40.9	33.8
Pr	13.70	13.60	10.50	11.10	11.80	8.06	10.10	6.94	7.50	5.98
Nd	69.7	69.8	51.9	55.8	55.6	42.7	51.6	37.2	40.6	32.7
Sm	16.4	16.5	13.7	14.2	13.1	11.0	12.7	9.9	10.8	8.8
Eu	4.80	4.95	3.90	4.35	4.05	3.30	3.85	3.15	3.30	2.75
Gd	14.40	13.80	11.80	12.00	11.40	10.00	11.20	9.40	9.80	8.20
Tb	2.05	2.10	1.70	1.60	1.65	1.45	1.50	1.30	1.40	1.20
Dy	9.65	9.65	7.80	8.00	7.65	6.50	7.70	6.65	6.85	5.65
Ho	1.38	1.44	1.18	1.18	1.14	1.00	1.10	0.98	1.06	0.88
Y	32.2	32.1	25.8	26.0	26.8	22.9	25.0	22.2	23.7	20.4
Er	2.70	2.75	2.30	2.35	2.40	2.10	2.30	2.05	2.20	1.90
Tm	0.28	0.30	0.26	0.26	0.26	0.24	0.26	0.22	0.24	0.22
Yb	1.50	1.50	1.30	1.30	1.40	1.15	1.20	1.15	1.25	1.10
Lu	0.18	0.18	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.14
Hf	2.60	2.60	3.40	1.80	3.40	4.00	3.60	6.00	7.20	6.00
Ta									0.20	0.10
Pb	2.0				1.0					1.0
Th	0.8	0.7	0.4	0.6	2.1	0.3	0.4	0.2	0.2	0.2
Y/Ho	23.33	22.29	21.86	22.03	23.51	22.90	22.73	22.65	22.36	23.18
Zr/Hf	52.31	54.62	41.76	54.44	47.94	37.25	39.72	27.50	27.08	28.83
Cu/Ni	1.18	0.87	0.97	0.87	0.70	0.60	0.48	0.43	0.55	0.36
Ni/Co	1.88	2.28	2.07	2.51	2.61	2.84	3.16	2.91	3.03	2.95

Sample #	585371	585372	585373	585374	585375	585376	585377	585378	585379	585380
From(m)	1671.37	1681	1682	1683	1684	1698	1701.6	1704.36	1717.2	1718.65
To (m)	1671.83	1682	1683	1684	1685	1699	1701.94	1704.61	1717.63	1718.85
Sc	37	40	44	40	39	18	46	29	42	31
V	571	459	415	420	437	235	493	633	627	672
Cr	178	718	499	472	465	335	390	68	287	82
Co	70	52	43	47	48	43	50	70	68	81
Ni	180	171	131	159	112	43	64	116	153	132
Cu	119	57	43	49	36	29	47	88	59	85
Zn	111	89	93	85	123	281	110	112	123	123
Rb	0.20	3.00	3.00	7.60	0.60		10.40	7.60	0.40	0.40
Sr	233	260	218	376	371	1030	265	221	157	243
Y	27	34	29	36	23	22	49	25	20	25
Zr	123	37	168	9	126	29	172	104	153	106
Nb			4.00		19.00	44.00	42.00	0.50	1.50	
Ba	10	132	79	140	36	121	134	44	45	52
La	22.3	30.7	16.4	39.5	61.4	417.0	41.7	23.2	10.0	24.9
Ce	67.5	90.5	54.3	108.0	151.0	917.0	126.0	68.1	34.5	71.8
Pr	11.40	14.20	9.52	16.40	18.60	97.50	18.40	11.10	6.34	11.10
Nd	56.1	68.4	49.9	75.5	71.6	308.0	83.5	53.2	32.8	55.7
Sm	14.7	16.2	12.7	18.2	12.9	36.1	21.3	14.2	8.7	14.1
Eu	4.15	5.05	3.95	5.15	3.85	7.70	6.40	4.05	2.70	4.00
Gd	12.40	15.00	12.00	15.00	10.20	15.40	16.20	11.60	8.20	12.20
Tb	1.80	2.05	1.70	2.30	1.35	1.80	2.60	1.65	1.20	1.65
Dy	8.20	10.10	8.30	10.10	6.50	6.55	12.10	7.80	5.75	7.25
Ho	1.24	1.66	1.26	1.56	1.02	0.96	2.06	1.14	0.86	1.10
Y	27.4	33.8	28.7	35.7	22.8	22.2	48.5	25.3	19.7	24.8
Er	2.50	3.15	2.75	3.20	2.10	1.25	4.70	2.25	1.75	2.15
Tm	0.28	0.34	0.30	0.34	0.26	0.28	0.60	0.24	0.20	0.24
Yb	1.40	1.85	1.65	1.90	1.35	1.75	3.45	1.20	1.05	1.20
Lu	0.16	0.22	0.18	0.22	0.18	0.22	0.44	0.16	0.14	0.16
Hf	2.60		5.80		5.00	1.60	6.80	2.40	6.20	2.00
Ta			0.10		0.10	0.10	0.20		0.10	
Pb		4.0	6.0	6.0	7.0	31.0	16.0	4.0	9.0	2.0
Th	0.4	5.1	2.3	3.5	2.6	13.3	17.7	0.9	0.9	0.7
Y/Ho	22.10	20.36	22.78	22.88	22.35	23.13	23.54	22.19	22.91	22.55
Zr/Hf	47.31		28.97		25.20	18.13	25.29	43.33	24.68	53.00
Cu/Ni	0.66	0.33	0.33	0.31	0.32	0.67	0.73	0.76	0.39	0.64
Ni/Co	2.57	3.29	3.05	3.38	2.33	1.00	1.28	1.66	2.25	1.63

Sample #	585381	585382	585383	585384	585385	585386	585387	585388	585389	585390
From(m)	1722	1723	1724	1725	1726	1733	1734	1745.65	1751.6	1756
To (m)	1723	1724	1725	1726	1727	1734	1735	1746	1752	1757
Sc	32	31	35	37	35	33	32	37	34	37
V	605	359	476	543	650	487	599	571	543	577
Cr	89	322	390	404	103	643	137	185	253	109
Co	65	46	53	58	73	63	61	58	69	80
Ni	107	88	99	139	187	171	110	29	66	19
Cu	67	38	52	57	78	65	68	25	44	79
Zn	128	103	128	103	130	113	120	116	93	118
Rb	19.00	23.80	5.80	0.40	0.40	1.40	1.60	2.80	0.40	0.60
Sr	332	569	239	174	146	139	151	161	216	212
Y	36	43	36	21	18	23	22	24	24	22
Zr	118	124	16	153	146	102	88	192	128	77
Nb	84.50	68.00	1.00	2.50	3.00	3.00	1.50	4.50		
Ba	215	157	131	19	19	35	33	51	26	14
La	63.4	146.0	23.5	13.9	10.5	11.2	15.2	10.9	20.3	18.4
Ce	185.0	393.0	74.8	44.8	34.1	39.5	48.0	39.3	58.4	55.5
Pr	25.00	48.40	11.60	7.66	6.16	7.22	7.86	7.16	9.82	9.14
Nd	98.1	172.0	55.8	41.4	33.3	38.1	41.6	38.7	49.2	46.0
Sm	20.3	26.3	14.4	10.1	8.5	9.9	10.2	10.1	12.6	11.3
Eu	5.45	6.90	4.65	3.05	2.60	3.00	3.10	3.10	3.50	3.45
Gd	13.20	15.80	12.40	9.20	8.00	8.40	9.40	9.00	10.00	10.80
Tb	2.00	2.25	1.80	1.30	1.10	1.25	1.30	1.35	1.40	1.40
Dy	9.30	10.40	8.85	6.60	5.15	5.85	5.90	6.90	6.70	6.35
Ho	1.56	1.76	1.44	0.92	0.82	1.00	0.96	1.04	1.00	0.98
Y	35.8	43.1	35.6	20.6	18.1	23.1	22.2	24.4	23.7	22.0
Er	3.35	3.45	3.30	1.90	1.65	2.10	1.95	2.25	2.00	1.90
Tm	0.42	0.48	0.38	0.20	0.18	0.26	0.24	0.26	0.22	0.22
Yb	2.60	2.80	2.15	1.00	0.95	1.25	1.20	1.45	1.10	1.10
Lu	0.34	0.36	0.26	0.12	0.12	0.16	0.16	0.16	0.14	0.14
Hf	4.40	4.00	0.40	4.40	5.20	3.60	3.20	6.00	3.20	1.40
Ta	0.50	0.90		0.20	0.20	0.10		0.20		
Pb	20.0	25.0	17.0	6.0	4.0	5.0	6.0	8.0	3.0	3.0
Th	15.8	20.7	23.3	0.8	0.8	7.9	3.5	9.7	0.7	0.9
Y/Ho	22.95	24.49	24.72	22.39	22.07	23.10	23.13	23.46	23.70	22.45
Zr/Hf	26.82	31.00	40.00	34.77	28.08	28.33	27.50	32.00	40.00	55.00
Cu/Ni	0.63	0.43	0.53	0.41	0.42	0.38	0.62	0.86	0.67	4.16
Ni/Co	1.65	1.91	1.87	2.40	2.56	2.71	1.80	0.50	0.96	0.24

Sample #	585391	585392	585393	585394	585395	585396	585397	2501	2502	2503
From(m)	1761	1762	1763	1764	1765	1766	1767	1776	1777	1778
To (m)	1762	1763	1764	1765	1766	1767	1768	1777	1778	1779
Sc	32	29	33	35	39	40	35	50	45	46
V	661	655	633	571	549	599	650	700	711	706
Cr	14	7	48	239	260	137	75	14	41	14
Co	81	72	81	80	74	79	83	108	119	118
Ni	44	116	127	97	90	102	141	93	72	90
Cu	96	79	85	75	70	73	66	85	81	76
Zn	132	123	115	93	91	116	79	124	125	111
Rb	2.00	6.20	1.20	2.20	3.20	7.60	1.00	0.60	0.60	0.40
Sr	233	240	247	208	200	201	216	178	193	175
Y	26	31	25	22	23	30	22	19	19	18
Zr	88	88	107	107	38	151	111	95	81	89
Nb						8.50		0.50		
Ba	20	45	24	41	27	348	18	14	11	8
La	22.2	23.7	23.0	16.9	15.3	13.1	18.3	12.0	14.1	12.0
Ce	65.3	70.9	67.5	52.5	48.6	45.8	54.3	36.0	42.5	37.8
Pr	10.90	10.90	11.10	9.16	8.22	8.44	9.00	6.56	7.36	6.54
Nd	52.5	55.5	55.3	45.0	41.5	45.1	43.4	32.5	36.1	32.9
Sm	12.8	13.5	13.0	11.5	10.9	12.5	10.9	8.4	9.4	8.4
Eu	3.70	4.25	3.90	3.50	3.30	4.00	3.40	2.55	2.80	2.55
Gd	11.00	12.00	11.40	9.80	9.80	11.00	9.60	7.60	8.40	7.40
Tb	1.55	1.80	1.55	1.40	1.40	1.65	1.35	1.05	1.10	1.00
Dy	7.15	8.65	7.00	7.20	6.25	8.25	6.45	5.10	5.55	4.90
Ho	1.06	1.28	1.08	1.04	1.00	1.24	0.96	0.80	0.84	0.78
Y	25.7	30.5	25.4	22.3	22.7	29.7	21.8	19.1	19.0	17.8
Er	2.20	2.70	2.15	2.10	2.10	2.75	1.95	1.65	1.70	1.55
Tm	0.24	0.30	0.24	0.24	0.24	0.30	0.22	0.20	0.20	0.18
Yb	1.25	1.60	1.20	1.25	1.25	1.75	1.05	0.95	1.00	0.90
Lu	0.16	0.18	0.16	0.16	0.16	0.20	0.14	0.12	0.12	0.12
Hf	1.60	1.80	2.20	2.60	0.40	5.60	2.60	3.60	2.00	2.60
Ta						0.10				
Pb	5.0	10.0	3.0	4.0	3.0	6.0	8.0			
Th	1.8	7.0	1.1	2.2	2.3	5.9	1.1	0.4	0.7	0.2
Y/Ho	24.25	23.83	23.52	21.44	22.70	23.95	22.71	23.88	22.62	22.82
Zr/Hf	55.00	48.89	48.64	41.15	95.00	26.96	42.69	26.39	40.50	34.23
Cu/Ni	2.18	0.68	0.67	0.77	0.78	0.72	0.47	0.91	1.13	0.84
Ni/Co	0.54	1.61	1.57	1.21	1.22	1.29	1.70	0.86	0.61	0.76

Sample #	2504	585398	585399	585400	2575
From(m)	1779	1783.1	1785.4	1787.25	1787.6
To (m)	1780	1783.84	1786	1787.55	1787.89
Sc	45	41	36	37	35
V	672	599	577	627	627
Cr	75	157	75	41	27
Co	120	100	96	110	101
Ni	107	88	92	91	79
Cu	66	54	44	69	42
Zn	115	120	124	117	92
Rb	0.20	7.60	13.60	0.60	1.20
Sr	190	176	176	200	223
Y	20	28	37	20	22
Zr	113	131	75	96	114
Nb		5.00	1.50		
Ba	7	172	210	14	19
La	15.6	10.5	9.9	16.3	19.7
Ce	47.0	37.4	35.7	49.8	58.5
Pr	7.74	7.04	6.68	8.40	9.48
Nd	39.1	36.8	33.9	41.0	47.7
Sm	9.4	10.6	10.7	9.9	12.3
Eu	2.80	3.35	3.75	2.95	3.40
Gd	8.80	9.20	10.40	8.60	9.80
Tb	1.20	1.45	1.70	1.25	1.40
Dy	5.50	7.40	9.30	5.65	6.65
Ho	0.84	1.14	1.50	0.88	1.00
Y	19.5	27.9	37.0	20.3	21.8
Er	1.70	2.55	3.55	1.80	2.00
Tm	0.20	0.30	0.44	0.22	0.22
Yb	0.90	1.85	2.55	1.00	1.15
Lu	0.12	0.20	0.32	0.14	0.14
Hf	2.80	4.60	2.00	2.00	2.60
Ta		0.20			
Pb		10.0	14.0	4.0	3.0
Th	0.4	9.8	20.2	1.8	0.7
Y/Ho	23.21	24.47	24.67	23.07	21.80
Zr/Hf	40.36	28.48	37.50	48.00	43.85
Cu/Ni	0.62	0.61	0.48	0.76	0.53
Ni/Co	0.89	0.88	0.96	0.83	0.78