

Sample	H86-118	RTD-A	CF3500	LM392	H86-144	WT768
Age, Ma	42	47	47		41.1	47
Long W	103 36.1	105 28.4	103 26.8	103 34	103 34.5	
Lat N	29 28.3	31 17	29 09.8	29 21	29 23.5	
SiO2	50.76	52.51	52.28	53.32	52.53	53.50
TiO2	2.00	1.28	1.94	1.87	1.84	2.05
Al2O3	18.09	17.14	17.55	18.81	16.78	16.97
Fe2O3	2.41	8.04	1.33	3.43	2.26	9.30
FeO	5.95		5.49	5.28	6.82	
FeO*						
MnO	0.17	0.17	0.16	0.20	0.20	0.24
MgO	2.19	4.35	5.79	1.95	1.91	1.93
CaO	6.17	6.00	5.19	5.86	4.98	5.21
Na2O	6.05	5.23	5.32	6.11	6.35	6.35
K2O	3.14	2.55	2.99	3.07	3.90	3.70
P2O5	0.51	0.59	0.85	0.73	0.63	0.76
H2O+	2.93				2.13	
H2O-						
CO2	0.04				0.11	
Total	100.41	100	98.89	100	100.44	100.01
SiO2'	52.09	52.51	52.87	53.32	53.49	53.50
(Na2O+K2O)'	9.43	7.78	8.40	9.18	10.44	10.05
Sc			3.23			
V			75			
Cr			2.25			
Ni			15.8			
Cu						
Zn			128			
Ga						
Rb		146	83.08	61		
Sr		919	786	988		
Y		33	46	36		
Zr		165	479	389		
Nb		13*	57.86	67		
Cs			1.98			
Ba			884			
La			64.9			
Ce			127.05	114.9		
Pr						
Nd			56.39	53.44		
Sm			10.39	10.14		
Eu			3.29	3.779		
Gd				8.257		
Tb			2.03			
Dy				6.797		
Ho						
Er				3.291		
Tm						
Yb			3.55	2.743		
Lu			0.48			

Hf			10.08		
Ta			5.23		
Pb					
Th		8	8.24		
U			4.67		
Li					
F					
Rb/Sr		0.18	0.11	0.06	
Cen/Ybn			9.67	11.32	
Eu*			0.89	1.22	
Zr/Hf			47.5		
Ba/Rb			10.6		
Rb/Th		18.3	10.1		
$^{87}\text{Sr}/^{86}\text{Sr}_i$				0.70438	
$^{143}\text{Nd}/^{144}\text{Nd}$				0.51277	
$^{206}\text{Pb}/^{204}\text{Pb}$					
$^{207}\text{Pb}/^{204}\text{Pb}$					
$^{208}\text{Pb}/^{204}\text{Pb}$					

Sample	LM 21A	BM-1	H86-143	SM84010	81030	XM-56
Age, Ma		47	42	42	39.3	41
Long W	103 34	103 46	103 33.5	103 37.5	104 02.5	103 27.8
Lat N	29 21	29 17	29 27.3	29 22.4	30 54.0	29 26
SiO2	53.71	53.78	53.79	52.40	52.34	53.63
TiO2	1.95	2.46	1.91	1.83	1.45	1.48
Al2O3	17.19	15.03	16.91	17.30	19.00	15.92
Fe2O3	9.84	1.16	2.83	2.43	4.87	7.09
FeO		9.64	6.53	6.40	2.23	5.24
FeO*						
MnO	0.18	0.21	0.21	0.20	0.12	0.22
MgO	1.80	2.20	1.99	1.88	2.68	1.64
CaO	6.65	7.64	5.45	4.77	6.68	4.84
Na2O	5.47	4.14	6.03	5.89	4.12	5.50
K2O	3.01	2.64	3.76	3.67	2.88	3.15
P2O5	0.20	1.11	0.51	0.61	0.88	0.60
H2O+			1.16	1.60	1.51	0.43
H2O-				0.40	0.72	0.15
CO2			0.04	0.10	0.14	0.06
Total	100	100	101.18	99.48	99.62	99.95
SiO2'	53.71	53.78	53.80	53.81	53.82	54.00
(Na2O+K2O)'	8.48	6.78	9.79	9.82	7.20	8.71
Sc						
V		89				
Cr		1.5				
Ni		6				
Cu						
Zn					87	
Ga						
Rb		53		70		71
Sr		620		790		880
Y		56		40		
Zr		371		430		
Nb		41		80		
Cs						
Ba		642			1007	
La		52				
Ce		117				
Pr						
Nd		64				
Sm						
Eu						
Gd						
Tb						
Dy						
Ho						
Er						
Tm						
Yb						
Lu						

Hf						
Ta						
Pb						
Th						
U						
Li						
F						
Rb/Sr		0.09		0.09		0.08
Cen/Ybn						
Eu*						
Zr/Hf						
Ba/Rb		12.1				
Rb/Th						
$^{87}\text{Sr}/^{86}\text{Sr}_l$						0.7042
$^{143}\text{Nd}/^{144}\text{Nd}$						
$^{206}\text{Pb}/^{204}\text{Pb}$						
$^{207}\text{Pb}/^{204}\text{Pb}$						
$^{208}\text{Pb}/^{204}\text{Pb}$						

Sample	S35	CF3540	H91-62	CF3532	CF3524	CF3516
Age, Ma	42	47	47	47	47	47
Long W	103 27	103 26.8	103 46.2	103 26.8	103 26.8	103 26.8
Lat N	29 27.2	29 09.8	29 16.6	29 09.8	29 09.8	29 09.8
SiO2	53.00	52.52	54.07	52.12	53.28	53.87
TiO2	2.62	1.97	2.56	1.80	1.93	1.87
Al2O3	15.50	17.52	15.24	17.45	17.82	17.74
Fe2O3	5.30	1.42		1.46	1.36	1.37
FeO	4.90	5.87		6.01	5.62	5.67
FeO*			10.42			
MnO	0.19	0.22	0.21	0.18	0.21	0.20
MgO	3.43	2.58	2.62	2.81	2.38	2.37
CaO	6.40	4.20	6.78	4.51	4.19	4.38
Na2O	3.70	6.42	4.58	5.52	6.07	6.34
K2O	2.40	3.63	2.34	3.63	3.64	3.44
P2O5	0.70	0.79	1.17	0.84	0.86	0.85
H2O+	0.79					
H2O-						
CO2						
Total	98.93	97.19	96.85	96.33	97.36	98.10
SiO2'	54.00	54.04	54.07	54.11	54.72	54.91
(Na2O+K2O)'	6.22	10.34	6.92	9.50	9.97	10.01
Sc		3.3	19	3.34	3.37	3.2
V		76	98		86	93
Cr		1.82		1.69	1.73	1.84
Ni		15.55		16.02	12.36	18.25
Cu						
Zn		123	132	123	124	126
Ga			22			
Rb		64.67	41	65.5	61.37	58.5
Sr		673	646	685	733	704
Y		47	49	51	48	53
Zr		481	345	479	454	462
Nb		54.66	41.4	54.18	52.24	46.47
Cs		2.94	1	1.31	1.56	1.12
Ba		823	726	841	829	778
La		65.74	51	66.04	63.85	64.49
Ce		129.02	106	127.59	127.11	129.38
Pr			12.8			
Nd		55.33	54.4	55.37	58.81	52.56
Sm		10.51	13.1	10.55	10.41	10.36
Eu		3.26	3.97	3.4	3.29	3.27
Gd			10.6			
Tb		1.96	1.75	1.91	1.96	1.94
Dy			9.9			
Ho			1.85			
Er			4.92			
Tm			0.65			
Yb		3.67	3.84	3.68	3.6	3.64
Lu		0.5	0.58	0.49	0.48	0.49

Hf		10.44	7.4	10.39	10.36	10.47
Ta		5.21	2.2	5.22	5.2	5.28
Pb			9.1			
Th		7.87	5.7	8.06	8.41	8.12
U		4.87	1.4	4.43	3.29	4.66
Li						
F						
Rb/Sr		0.1	0.06	0.1	0.08	0.08
Cen/Ybn		9.5	7.46	9.37	9.54	9.61
Eu*		0.88	0.99	0.93	0.9	0.9
Zr/Hf		46.1	46.6	46.1	43.8	44.1
Ba/Rb		12.7	17.7	12.8	13.5	13.3
Rb/Th		8.21	7.19	8.13	7.3	7.2
87Sr/86Sr,l						
143Nd/144Nd						
206Pb/204Pb						
207Pb/204Pb						
208Pb/204Pb						

Sample	CF3508	85615	CF8532	8213	FM-021	XM13-4
Age, Ma	47		47	42	47	42
Long W	103 26.8	103 59.8	103 30.4	103 33.1	105 37	103 27.4
Lat N	29 09.8	30 51	29 08.6	29 26.5	31 21.4	29 25.8
SiO2	53.89	54.00	53.35	55.54	55.63	54.78
TiO2	1.88	1.94	1.99	1.45	0.89	1.58
Al2O3	17.68	17.90	15.71	18.38	16.81	18.04
Fe2O3	1.37		1.30		7.46	2.94
FeO	5.67		5.36			4.50
FeO*		6.83		6.26		
MnO	0.18	0.23	0.16		0.18	0.16
MgO	2.86	1.26	2.41	2.07	2.73	2.00
CaO	4.13	7.59	4.55	4.61	9.39	4.75
Na2O	6.24	4.42	5.12	4.49	4.20	5.37
K2O	3.39	2.63	5.58	6.76	2.44	3.63
P2O5	0.74	1.23	0.88	0.45	0.36	0.57
H2O+						1.03
H2O-						0.07
CO2						0.06
Total	98.03	98.03	96.41	100	100	99.48
SiO2'	54.97	55.09	55.34	55.54	55.63	55.72
(Na2O+K2O)'	9.82	7.19	11.10	11.25	6.64	9.15
Sc	3.28		5.47	4.4		
V	76		36	37.5	151	
Cr	1.53		1.91	0.4	14	
Ni	19.38		17.3	0.1	7	
Cu						
Zn	132		129			87
Ga						
Rb	53.95	61	76.85	71.1	60	60
Sr	644	1100	561	598	939	960
Y	52	40	54	33.1	25	35
Zr	455	440	560	521	190	326
Nb	48.83	3*	57.99	88.5	12*	10*
Cs	1.33		0.64			
Ba	777	1068	838	1061	1233	1302
La	64.21		68.36	57.4		
Ce	127.56		128.57	112.3		
Pr						
Nd	52.46		62.05	43.02		
Sm	10.35		11.38	7.914		
Eu	3.26		3.33	2.387		
Gd				6.018		
Tb	1.98		1.99			
Dy				5.592		
Ho						
Er				2.817		
Tm						
Yb	3.62		3.83	2.591		
Lu	0.49		0.5			

Hf	10.43		10.56			
Ta	5.24		5.16			
Pb						
Th	7.72		9.14		7	
U	4.29		5.58			
Li						
F						
Rb/Sr	0.08	0.06	0.14	0.12	0.06	0.06
Cen/Ybn	9.52		9.07	11.7		
Eu*	0.89		0.85	1.01		
Zr/Hf	43.6		53			
Ba/Rb	14.4	17.5	10.9	14.9	20.6	21.7
Rb/Th	6.99		8.41		8.57	
$^{87}\text{Sr}/^{86}\text{Sr}_i$		0.70424				0.7033
$^{143}\text{Nd}/^{144}\text{Nd}$		0.51269				
$^{206}\text{Pb}/^{204}\text{Pb}$		17.786				
$^{207}\text{Pb}/^{204}\text{Pb}$		15.485				
$^{208}\text{Pb}/^{204}\text{Pb}$		37.578				



Sample	AC559	CF8533	CF8515	SB-D	CF8508	XM51
Age, Ma	47	47	47	40.6	47	41
Long W	103 26.8	103 26.5	103 23.5	105 26.7	103 26.8	103 27.8
Lat N	29 09.8	29 09.8	29 02.2	31 15.8	29 09.8	29 25.7
SiO2	55.82	54.10	55.31	56.09	54.84	55.04
TiO2	1.93	2.13	1.92	0.88	1.92	1.44
Al2O3	17.78	16.25	16.82	17.75	16.98	16.69
Fe2O3	0.84	1.42	1.38	6.40	1.39	3.65
FeO	6.98	5.85	5.70		5.72	4.43
FeO*						
MnO	0.22	0.16	0.22	0.19	0.20	0.15
MgO	2.13	3.62	3.14	2.76	3.46	1.71
CaO	4.85	5.07	4.58	6.48	4.66	4.58
Na2O	5.54	3.92	5.16	4.67	4.21	4.48
K2O	3.24	3.63	3.62	2.23	3.52	4.24
P2O5	0.73	0.76	0.84	0.42	0.75	0.61
H2O+						1.16
H2O-						0.08
CO2						1.12
Total	100	96.91	98.69	100	97.65	99.38
SiO2'	55.82	55.82	56.04	56.09	56.16	56.73
(Na2O+K2O)'	8.78	7.79	8.90	6.90	7.92	8.99
Sc		3.3	3.23		3.18	
V	33	66			158	
Cr	1.2	1.79	3.06		2.16	
Ni	2	18.08	16.37		16.33	
Cu						
Zn		134	123		125	115
Ga						
Rb	58	38.68	58.91	67	50.73	95
Sr	719	1944	849	991	973	650
Y	40	49	49	26	51	31
Zr	537	417	499	153	513	270
Nb	72	63.61	46.58	11*	50.1	36
Cs		0.18	1.5		0.33	
Ba	728	746	897		1117	884
La	62	63.16	64.89		64.94	
Ce	133.4	124.47	121.38		128.04	
Pr						
Nd	59.22	55.19	58.24		59.24	
Sm	11.14	10.09	10.1		10.1	
Eu	3.492	3.22	3.23		3.1	
Gd	9.117					
Tb		1.94	1.64		1.68	
Dy	8.148					
Ho						
Er	4.217					
Tm						
Yb	3.54	3.63	3.74		3.75	
Lu		0.47	0.48		0.49	

Hf		9.79	10		10.19	
Ta		5.08	5.19		5.3	
Pb						
Th		7.98	8.22	12	8.51	
U		5.62	5.11		6.72	
Li						
F						
Rb/Sr	0.08	0.02	0.07	0.07	0.05	0.15
Cen/Ybn	10.19	9.09	8.77		9.23	
Eu*	1.02	0.9	0.95		0.9	
Zr/Hf		42.6	49.9		50.3	
Ba/Rb	12.6	19.3	15.2		22	9.31
Rb/Th		4.85	7.17	5.58	5.96	
$^{87}\text{Sr}/^{86}\text{Sr}_i$	0.70404					0.7042
$^{143}\text{Nd}/^{144}\text{Nd}$						
$^{206}\text{Pb}/^{204}\text{Pb}$						
$^{207}\text{Pb}/^{204}\text{Pb}$						
$^{208}\text{Pb}/^{204}\text{Pb}$						

Sample	DT-1	FM-042	77036	SM84018	86204	FM-022
Age, Ma	47	47	47	42		47
Long W	105 27.3	105 34.4	103 30	103 37.5	103 52	105 37.1
Lat N	31 15.3	31 18.8	29 09	29 22.4	30 30	31 21.3
SiO2	56.88	56.88	54.91	55.70	57.25	58.96
TiO2	0.90	0.69	1.89	1.24	1.76	0.53
Al2O3	17.48	18.74	16.23	17.20	15.44	18.41
Fe2O3	6.30	5.98	4.52	5.79		4.87
FeO			3.06	1.20		
FeO*					6.60	
MnO	0.17	0.19	0.16	0.12	0.21	0.07
MgO	2.34	1.71	1.87	1.81	2.20	1.13
CaO	7.04	5.69	3.66	3.51	5.13	4.24
Na2O	4.45	4.71	5.05	5.17	4.28	6.01
K2O	2.23	4.60	3.85	4.24	3.57	2.90
P2O5	0.59	0.30	0.82	0.55	1.26	0.18
H2O+			1.76	1.80		
H2O-			0.98	0.70		
CO2			0.28	0.20		
Total	100	100	99.04	99.23	97.70	100
SiO2'	56.88	56.88	57.19	57.70	58.60	58.96
(Na2O+K2O)'	6.68	9.31	9.27	9.75	8.03	8.91
Sc						
V		105				80
Cr		4				3
Ni		5				3
Cu						
Zn			93			
Ga						
Rb		138	70	80		86
Sr		1225	470	550		1073
Y		38	62	40		29
Zr		226	620	470		300
Nb		23	50	60		18*
Cs						
Ba		1875	93			2150
La						
Ce						
Pr						
Nd						
Sm						
Eu						
Gd						
Tb						
Dy						
Ho						
Er						
Tm						
Yb						
Lu						

Hf					
Ta					
Pb					
Th		9			16
U					
Li					
F					
Rb/Sr		0.11	0.15	0.15	0.08
Cen/Ybn					
Eu*					
Zr/Hf					
Ba/Rb		13.6	1.33		25
Rb/Th		15.4			5.38
$^{87}\text{Sr}/^{86}\text{Sr}_i$					
$^{143}\text{Nd}/^{144}\text{Nd}$					
$^{206}\text{Pb}/^{204}\text{Pb}$					
$^{207}\text{Pb}/^{204}\text{Pb}$					
$^{208}\text{Pb}/^{204}\text{Pb}$					

Sample	7458	FM-036	Acorn-2A	CR5E	SM84056	CR69EN
Age, Ma		47	48	48	41.6	48
Long W	103 44	105 34	106 32	106 32.5	103 37.5	106 32.5
Lat N	29 36	31 19.1	31 49	31 47.5	29 22.4	31 47.5
SiO2	57.35	59.33	58.82	60.00	58.60	60.40
TiO2	0.87	0.49	0.68	0.83	0.65	0.92
Al2O3	18.26	18.68	17.67	18.50	17.70	17.40
Fe2O3	6.00	4.64		2.05	4.38	3.34
FeO	0.20			3.16	1.20	2.30
FeO*			4.69			
MnO	0.13	0.16	0.11	0.16	0.13	0.10
MgO	0.32	1.23	4.04	1.79	0.65	2.74
CaO	2.55	4.48	4.70	4.47	2.89	4.45
Na2O	5.59	5.52	4.68	5.34	6.16	5.37
K2O	5.14	4.34	2.49	3.04	4.53	2.41
P2O5	0.72	0.21	0.26	0.71	0.24	0.56
H2O+	1.50				1.00	
H2O-	0.36				0.40	
CO2	0.12				0.40	
Total	99.04	99.08	98.12	100.10	98.93	100
SiO2'	59.09	59.88	59.95	59.97	60.33	60.40
(Na2O+K2O)'	11.06	9.95	7.31	8.38	11.01	7.78
Sc			12.57	4.5		11
V		69				
Cr		9	148	4		48
Ni		5	65	12		32
Cu						
Zn			47.5			
Ga						
Rb		153	56.2	55	80	33
Sr		1122	931	1270	420	1707
Y		35			30	16
Zr		285	163	132	470	157
Nb		30	14.9*	6*	70	5*
Cs			1.61	1.06		
Ba		1689	1216	1580		1595
La			29.7	18.9		
Ce			62.9	36.7		
Pr						
Nd			27.6	17.8		
Sm			5.76	4.1		
Eu			1.819	1.13		
Gd						
Tb			0.578	0.38		
Dy						
Ho						
Er						
Tm						
Yb			1.35	0.77		
Lu			0.199	0.12		

Hf			4.76			
Ta			0.782	0.26		
Pb						
Th		26	4.28	2.86		
U				1.34		
Li						
F						
Rb/Sr		0.14	0.06	0.04	0.19	0.02
Cen/Ybn			12.6	12.9		
Eu*			1.03	0.91		
Zr/Hf			21			
Ba/Rb		11	21.6	28.7		48.3
Rb/Th		5.88	13.1	19.2		
$^{87}\text{Sr}/^{86}\text{Sr}_i$						
$^{143}\text{Nd}/^{144}\text{Nd}$						
$^{206}\text{Pb}/^{204}\text{Pb}$						
$^{207}\text{Pb}/^{204}\text{Pb}$						
$^{208}\text{Pb}/^{204}\text{Pb}$						

Sample	SM84057	THA	SM84044	CR40A	C8	Acorn-2B
Age, Ma	41.6	48	41.6	48	43.5	48
Long W	103 37.5	106 31	103 37.5	106 32.5	103 23.6	106 32
Lat N	29 22.4	31 52	29 22.4	31 47.5	29 23.1	31 49
SiO2	59.20	60.22	60.00	61.10	61.10	60.05
TiO2	0.67	0.90	0.59	0.81	0.56	0.69
Al2O3	17.80	16.93	17.90	17.00	15.31	17.20
Fe2O3	4.15		4.49	3.47	0.92	
FeO	1.50		1.00	1.88	6.13	
FeO*		5.52				4.42
MnO	0.14	0.05	0.13	0.11	0.20	0.05
MgO	0.73	3.58	0.59	2.16	0.08	3.57
CaO	2.76	4.32	2.45	4.81	2.31	4.21
Na2O	6.15	4.47	6.27	5.31	4.30	4.77
K2O	4.57	2.54	4.71	2.88	5.90	3.00
P2O5	0.24	0.26	0.20	0.53	0.19	0.21
H2O+	0.90		0.80			
H2O-	0.40		0.40			
CO2	0.20		0.20			
Total	99.41	98.79	99.73	100.10	100	98.17
SiO2'	60.46	60.96	61.02	61.06	61.10	61.17
(Na2O+K2O)'	10.95	7.10	11.17	8.19	10.20	7.91
Sc		10.27		8.1		10.83
V						
Cr		107.8		2		128.6
Ni		45				66
Cu						
Zn		84.4				54.5
Ga						
Rb	70	58.7	80	64		49.3
Sr	420	851	370	1062		690
Y	30		30	15		
Zr	530	175	530	143		145
Nb	80	10.8*	80	5*		7.7*
Cs		0.82				1.26
Ba		1202		2013		1300
La		30.6				25.85
Ce		64.7				54.3
Pr						
Nd		28.1				24.5
Sm		5.82				5.07
Eu		1.785				1.589
Gd						
Tb		0.544				0.56
Dy						
Ho						
Er						
Tm						
Yb		1.31				1.41
Lu		0.184				0.184

Hf		5.11				4.21
Ta		0.768				0.925
Pb						
Th		4.75				4.1
U						0.96
Li						
F						
Rb/Sr	0.17	0.07	0.22	0.06		0.07
Cen/Ybn		13.35				10.41
Eu*		1.01				1.01
Zr/Hf		34.2				34.4
Ba/Rb		20.5		31.5		26.4
Rb/Th		12.4				12
87Sr/86Sr,l						
143Nd/144Nd						
206Pb/204Pb						
207Pb/204Pb						
208Pb/204Pb						



Sample	FM-017	9911101	SM-50	CR6F	H86-67	SM84055
Age, Ma	47		41.6	48	44	41.6
Long W	105 36.9	103 31	103 37.5	106 32.5	103 27.4	103 37.5
Lat N	31 21.5	29 27	29 22.4	31 47.5	29 26.7	29 22.4
SiO2	61.52	59.49	61.81	61.90	60.22	61.10
TiO2	0.42	0.77	0.58	0.72	0.70	0.44
Al2O3	18.65	16.03	18.13	17.20	14.61	17.50
Fe2O3	2.31			2.54	7.41	3.40
FeO				2.22		1.30
FeO*		6.15	5.23			
MnO	0.08			0.09	0.15	0.13
MgO	0.76	0.80	0.70	2.29	0.26	0.41
CaO	4.28	2.78	2.35	4.28	3.10	1.68
Na2O	5.61	5.35	5.96	5.29	5.06	6.40
K2O	3.21	4.88	5.05	2.95	5.10	5.42
P2O5	0.10	0.27	0.20	0.48		0.13
H2O+					1.08	0.80
H2O-						0.40
CO2					1.50	
Total	100	96.52	100	99.96	99.19	99.21
SiO2'	61.52	61.63	61.81	61.92	62.33	62.34
(Na2O+K2O)'	8.82	10.60	11.01	8.24	10.52	12.06
Sc			4.7	6.1		
V	45		6.5			
Cr			6.5	40		
Ni	1		1.1	30		
Cu						
Zn						
Ga						
Rb	96		73	68		90
Sr	1087		292	1328		150
Y	30		40.7	12		40
Zr	329		595	158		680
Nb	19*		73.6	3*		80
Cs				1.62		
Ba	2074	792	2039	1736		
La			63.2	21.6		
Ce			117	40.7		
Pr						
Nd			47.52	23.3		
Sm			8.624	4.2		
Eu			3.136	1.03		
Gd			6.501			
Tb				0.4		
Dy			6.131			
Ho						
Er			3.611			
Tm						
Yb			3.574	0.8		
Lu				0.12		

Hf				3.28		
Ta				0.51		
Pb						
Th				4.49		
U				1.71		
Li						
F						
Rb/Sr	0.09		0.25	0.05		0.6
Cen/Ybn			8.85	13.8		
Eu*			1.22	0.81		
Zr/Hf				48.2		
Ba/Rb	21.6		27.9	25.5		
Rb/Th				15.1		
$^{87}\text{Sr}/^{86}\text{Sr}_i$						
$^{143}\text{Nd}/^{144}\text{Nd}$						
$^{206}\text{Pb}/^{204}\text{Pb}$						
$^{207}\text{Pb}/^{204}\text{Pb}$						
$^{208}\text{Pb}/^{204}\text{Pb}$						

Sample	H86-74
Age, Ma	44
Long W	103 26
Lat N	29 25.6
SiO2	61.71
TiO2	0.69
Al2O3	15.80
Fe2O3	6.43
FeO	
FeO*	
MnO	0.21
MgO	0.16
CaO	2.27
Na2O	5.92
K2O	5.90
P2O5	
H2O+	0.79
H2O-	
CO2	0.95
Total	100.73
SiO2'	62.34
(Na2O+K2O)'	11.84
Sc	
V	
Cr	
Ni	
Cu	
Zn	
Ga	
Rb	
Sr	
Y	
Zr	
Nb	
Cs	
Ba	
La	
Ce	
Pr	
Nd	
Sm	
Eu	
Gd	
Tb	
Dy	
Ho	
Er	
Tm	
Yb	
Lu	

Hf	
Ta	
Pb	
Th	
U	
Li	
F	
Rb/Sr	
Cen/Ybn	
Eu*	
Zr/Hf	
Ba/Rb	
Rb/Th	
$^{87}\text{Sr}/^{86}\text{Sr},\text{l}$	
$^{143}\text{Nd}/^{144}\text{Nd}$	
$^{206}\text{Pb}/^{204}\text{Pb}$	
$^{207}\text{Pb}/^{204}\text{Pb}$	
$^{208}\text{Pb}/^{204}\text{Pb}$	