Site	Sample	Temp (°C)	Mg (mmol/kg)	Li (μM)	Rb (μM)	Ca (mmol/kg)	Sr (μmol/kg)	87Sr/86Sr	Cl (mM)	Mn (μM)	Fe (μM)	Cu (μM)	Zn (μM)	U (nmol/kg)	Si (μM)	pH	La (pmol/kg)	Ce (pmol/kg)	Nd (pmol/kg)	Sm (pmol/kg)	Eu (pmol/kg)	Gd (pmol/kg)	Dy (pmol/kg)	Er (pmol/kg)	Yb (pmol/kg)	Lu (pmol/kg)
BRAVEX 1994																										
TAG-3	1			27		10.5	87.6			0.87	60				39											
TAG-3	4			27		10.2	86.8	0.70909		1.1	15				48											
TAG-3	5		54.3	27		10.3		0.70914		1.2	10				47		198	336	119	7	9.4			4.9	4.6	0.86
TAG-4 NE Site	1	28±2	52	29		10.6	87.4	0.70912		4.6	43				130											
TAG-4 diabutsu	2	20±2	53.5	28		10.7	87.4	0.7092		3.6	27				105											
TAG-4 NE Site	3	28±2	53.7	29		11.5		0.7091		4.5	25				138											
TAG-4 diabutsu	4	15±2	53.5	27		10.6	88.1	0.70916		2.6	38				61											
TAG-4 NE Site	5	33±2	52.4	32		10.7		0.70906		9.2	56				234		231	295	122	12.4	53.4	15.4	22	7.5	7.3	
TAG 1995																										
2892	3	>11	52.8	26	1.4	11		0.70916							67.2											
2892	4	>11	54.2	26	1.8	10.8	88.1	0.70912							28.4											
2896-1	HT1	26±6	52.2	27	1.3	10.6		0.70918		4.5	14	1.4	4.2	14.9	136											
2896-1	HT2	28±6	52.6	27		10.4		0.70914		4.2	1.9	1.2	2.3		161	7.91	70.9	139	82.6	15.9	38.7	23.8	13.2	7.9	6.9	
2896-2	M2	110±20	47.7	74	2	12.5	87.9	0.70645		74	360	1.7	6.4		1650	6.58										
2896-2	M3	110±20	42.8	96	2.4	12.5	84.1	0.70801		130	700	1.2	12	5.1	3160	6.48		540	302	60.7	348		38.2	16	10	
2896-2	M4	110±20	48.8	65	2.2			0.70852		68					543	6.51										
2896-2	HT10	110±20	39.3	120	3.8	13.2	83.4	0.70756	571	180	790	1.2	23	4.7	4500	5.73	552	1670	1080	218	1190	196	120	48	50	
2896-2	HT20	110±20	41	110	3.9	13.4	84.4	0.70766	570	170	710	0.76	9.9	5.3	4000	6.22	995	1750	1600	190	1090	160	109	44	62	4.1
2896-3	M6	>35	51.2	36	1.5		87	0.70901		26					543	7.06										
2896-3	HT4	>35	46.4	75	2	11.5	85.7	0.70849	557	61	470	0.97	2.6		1740											
2896-3	HT5	>35	39.5	120	3.3	12.3	80.6	0.70766	571	180	840	0.87		8.1	4120	6.39		1990	1420	306	4840	280	192	77	52	6.7
2900	HT1c	42±1	47.4	72	1.8	11.6	87.1	0.7085	557	76	330	0.87		11.1	1840	6.32	379	702	398	72.2	164	76	53.2	24	30	
2900	HT2c	42±1	46.8	72	2.3	11.4	86	0.70854	554	77	340	0.84		11.9	2080		400	714	368	74.8	159		48.3	23	19	2.7
2900	M2	42±1	53	26	1.7			0.70917		3.7	28	1.3			104											
2900	M3	42±1	52.5	26	1.6			0.7092		1.7	5.5		0.7	14.8	49.9											

Site	Sample	Temp (°C)	Mg (mmol/kg)	Li (μM)	Rb (μM)
BRAVEX 1994					
TAG-3	1			27	
TAG-3	4			27	
TAG-3	6		54.3	27	
TAG-4 NE Site	1	28±2	52	29	
TAG-4 diabutsu	2	20±2	53.5	28	
TAG-4 NE Site	3	28±2	53.7	29	
TAG-4 diabutsu	4	15±2	53.5	27	
TAG-4 NE Site	6	33±2	52.4	32	
TAG 1995					
2892	3	>11	52.8	26	1.4
2892	4	>11	54.2	26	1.8
2896-1	HT1	28±6	52.2	27	1.3
2896-1	HT2	28±6	52.8	27	
2896-2	M2	110±20	47.7	74	2
2896-2	M3	110±20	42.8	96	2.4
2896-2	M4	110±20	48.8	65	2.2
2896-2	HT10	110±20	39.3	120	3.6
2896-2	HT20	110±20	41	110	3.9
2896-3	M6	>35	51.2	38	1.5
2896-3	HT4	>35	46.4	75	2
2896-3	HT5	>35	39.5	120	3.3
2900	HT1c	42±1	47.4	72	1.8
2900	HT2c	42±1	46.8	72	2.3
2900	M2	42±1	53	26	1.7
2900	M3	42±1	52.5	26	1.6

Ca (mmol/kg)	Sr (μmol/kg)	87Sr/86Sr	Cl (mM)	Mn (μM)	Fe (μM)
10.5	87.6			0.87	60
10.2	88.8	0.70909		1.1	15
10.3		0.70914		1.2	10
10.6	87.4	0.70912		4.6	43
10.7	87.4	0.7092		3.6	27
11.5		0.7091		4.5	25
10.6	88.1	0.70916		2.6	38
10.7		0.70906		9.2	56
11		0.70916			
10.8	88.1	0.70912			
10.6		0.70918		4.5	14
10.4		0.70914		4.2	1.9
12.5	87.8	0.70845		74	380
12.5	84.1	0.70801		130	700
		0.70852		68	
13.2	83.4	0.70758	571	180	790
13.4	84.4	0.70765	570	170	710
	87	0.70901		26	
11.5	85.7	0.70849	557	81	470
12.3	80.6	0.70766	571	180	840
11.6	87.1	0.7085	557	76	330
11.4	86	0.70854	554	77	340
		0.70917		3.7	28
		0.7092		1.7	5.5

Cu (μM)	Zn (μM)	U (nmol/kg)	Si (μM)	pH	La (pmol/kg)
			39		
			48		
			47		198
			130		
			105		
			138		
			81		
			284		231
			67.2		
			28.4		
1.4	4.2	14.9	136		
1.2	2.3		161	7.91	78.9
1.7	6.4		1650	6.58	
1.2	12	5.1	3160	6.48	
			543	6.51	
1.2	23	4.7	4500	5.73	552
0.78	9.9	5.3	4000	6.22	995
			543	7.08	
0.97	2.6		1740		
0.87		8.1	4120	6.39	
0.87		11.1	1840	6.32	373
0.84		11.9	2080		400
1.3			104		
	0.7	14.8	49.9		

Ce (pmol/kg)	Nd (pmol/kg)	Sm (pmol/kg)	Eu (pmol/kg)	Gd (pmol/kg)	Dy (pmol/kg)
336	119	7	8.4		
295	122	12.4	53.4	15.4	22
139	82.8	15.9	38.7	23.8	13.2
540	302	60.7	348		38.2
1870	1080	218	1190	196	120
1750	1000	190	1090	160	109
1990	1420	306	4340	280	192
702	398	72.2	164	76	53.2
714	368	74.8	159		48.3

Er (pmol/kg)	Yb (pmol/kg)	Lu (pmol/kg)
4.9	4.6	0.96
7.5	7.3	
7.9	6.9	
16	10	
48	50	
44	62	4.1
77	52	6.7
24	30	
23	19	2.7