

Type	Analysis number	Hole, core, section, interval (cm)	Depth (m)	Lithology	SiO ₂ (wt%)	TiO ₂ (wt%)	Al ₂ O ₃ (wt%)	Fe ₂ O ₃ (wt%)	MnO (wt%)	MgO (wt%)	CaO (wt%)	K ₂ O (wt%)	P ₂ O ₅ (wt%)	S (ppm)	V (ppm)	Cr (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)	Rb (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Nb (ppm)	Mo (ppm)	Pb (ppm)	Th (ppm)	U (ppm)	
U1504A Unit II clast of Unit III	2	U1504A-14R-1-A, 18	124.68	Greenish gray metamorphic clast	41.94	2.12	19.26	11.35	0.21	7.89	14.26	0.25	478	202	234	48		81	7	353	31	133	24	12					
U1504A Unit II clast of Unit III	3	U1504A-14R-1-A, 22	124.72	Metamorphic clast	51.31	1.96	18.25	11.31	0.15	6.39	6.52	1.31	0.48				26	33	138	29	285	43	356	83	11	8			
U1504A Unit IIIA matrix	4	U1504A-16R-1-A, 25	136.65	Green chlorite gneiss	48.52	1.88	19.34	11.23	0.15	7.03	10.16	0.49	0.6				55	26	93	10	444	27	147	26	10	5			
U1504A Unit IIIA matrix	5	U1504A-16R-1-A, 76	137.16	Foliated green chlorite gneiss	52.25	1.05	20.57	9.36	0.11	7.99	7.68	1.07	0.21				41	29	68	19	328	17	87	15	9				
U1504A Unit IIIA matrix	6	U1504A-16R-1-A, 107	137.47	Green chlorite gneiss	49.96	1.22	21.84	9.56	0.13	9.7	8.8	1.29	0.16				51	18	88	25	50	15	106	18	9			6	
U1504A Unit IIIA matrix	7	U1504A-16R-1-A, 131	137.71	Green foliated chlorite gneiss	47.55	1.43	21	11.02	0.15	9.27	9.87	0.68	0.28				46	33	93	14	414	18	108	19	9				
U1504A Unit IIIA matrix	13	U1504A-17R-1-A, 26	144.16	Green foliated schist	49.95	1.56	20.22	9.44	0.1	6.87	8.83	1.38	0.45				36	27	63	26	282	17	103	19	10				
U1504A Unit IIIA matrix	14	U1504A-17R-1-A, 37	144.27	Green foliated schist	47.89	1.25	20.11	9.06	0.1	6.48	9.8	1.09	0.63	578	143		32	29	61	23	253	18	113	18	10	6			
U1504A Unit IIIA matrix	16	U1504A-17R-1-A, 50	144.4	Matrix green chlorite schist	52.1	1.13	19.86	7.61	0.1	7.28	7.83	1.23					19	21	57	23	269	16	76	17	7				
U1504A Unit IIIA matrix	18	U1504A-17R-1-A, 55	144.45	Matrix green chlorite schist	47.35	1.18	19.97	10.62	0.12	9.58	8.71	0.64	0.15				46	28	84	14	86	17	86	18	11	6			
U1504A Unit IIIA matrix	19	U1504A-17R-1-A, 90	144.8	Green coarse foliated	44.64	1.48	17.71	11.01	0.14	9.89	8.27			2541			65	29	86	8	361	17	101	19	11	6			
U1504A Unit IIIA matrix	20	U1504A-17R-1-A, 110	145	Green coarse foliated	44.72	1.08	17.01	9.14	0.13	7.9	10.31	0.61	0.15				41	28	72	12	172	13	79	15	11	7			
U1504A Unit IIIA matrix	21	U1504A-18R-1-A, 18	148.78	Green coarse foliated	48.4	1.81	18.61	13.93	0.16	8.48	8.34	0.34	0.51				41	27	120	7	441	23	127	22	14	6			
U1504A Unit IIIA matrix	22	U1504A-18R-1-A, 34	148.94	Green coarse foliated	49.33	1.43	19.7	7.49	0.1	7.09	8.9	1.11	0.2				28	20	56	23	183	14	106	20	7				
U1504A Unit IIIA matrix	23	U1504A-18R-1-A, 78	149.38	Green coarse foliated	48.75	1.39	19.72	9.48	0.11	7.87	8.15	1.19	0.25	1384	175		31	27	68	23	278	16	106	20	9				
U1504A Unit IIIA matrix	24	U1504A-19R-1-A, 57	153.17	Matrix green foliated	42.31	2.36	18.54	14.31	0.19	8.17	13.41	0.63	0.75	1569	235		57	67	115	12	537	27	131	25	16	6			
U1504A Unit IIIA matrix	27	U1504A-20R-1-A, 6	158.36	Matrix green schist	49.59	2	18.1	10.75	0.12	6.96	8.96	0.41	0.28				39	31	88	10	268	22	137	37	12	6		7	
U1504A Unit IIIA matrix	29	U1504A-20R-1-A, 16	158.46	Matrix green schist	49.82	2.23	18.38	10.05	0.13	6.58	9.51	0.4					210	41	39	78	9	282	26	135	32	11			
U1504A Unit IIIA matrix	30	U1504A-20R-1-A, 65	158.95	Matrix green schist	48.44	1.86	19.71	12.09	0.18	7.32	10.12	0.83					153	43	44	110	17	460	28	123	26	13			
U1504A Unit IIIA matrix	31	U1504A-20R-1-A, 69	158.99	Coarse pale green schist	54.75	1.38	18.15	4.64	0.07	3.86	8.49		0.31	1845	231		16	16	35	9	607	18	99	21	7		13		
U1504A Unit IIIA veined clast	8	U1504A-16R-1-A, 86	137.26	Vein rich clast in green foliated chlorite gneiss	55.09	1.22	19.66	11.41	0.1	7.88	4.09	0.88	0.31				36	50	79	18	261	13	81	13	11				
U1504A Unit IIIA veined clast	15	U1504A-17R-1-A, 49	144.39	Veined clast in green chlorite schist	47.54	1.8	16.86	13.22	0.1	8.66	6.15	0.52	0.85				16	50	90	9	806	29	241	47	11				
U1504A Unit IIIA veined clast	17	U1504A-17R-1-A, 57	144.47	Vein-rich clast in green chlorite schist	54.44	1.16	20	6.61	0.07	6.46	6.09	2.29	0.54					14	44	37	900	47	521	123			24		
U1504A Unit IIIA veined clast	25	U1504A-19R-1-A, 60	153.2	Veined clast in green foliated	54.22	1.93	17.42	9.23	0.08	4.56	6.47	1	0.59	196	148		11	15	52	17	612	25	295	49	8	5			
U1504A Unit IIIA veined clast	26	U1504A-20R-1-A, 5	158.35	Vein-rich clast in green matrix	52.49	1.59	17.52	11.26	0.1	6.5	3.95	0.48					22	48	83	6	176	14	89	17	14				
U1504A Unit IIIA veined clast	28	U1504A-20R-1-A, 14	158.44	Vein-rich clast in matrix	45.91	1.8	17.63	15.04	0.15	10.38	7.37	0.74	0.95				45	31	135	12	272	19	125	21	16	8		7	
U1504B Unit IIIA clast	42	U1504B-6R-1-A, 75	122.85	Brown veined clast	53.64	1.02	13.26	9.17	0.13	10.36	9.54	0.34	0.21			216	732	87	17	50	7	67	14	58	12	13	5		
U1504B Unit IIIA clast	62	U1504B-9R-1-A, 84	137.64	Clast in green schist	44.09	1.29	17.44	19.65	0.22	11.34	6.45	0.42	0.57				85	30	152	7	69	11	60	9	22	11	7		
U1504B Unit IIIA clast	33	U1504B-5R-1-A, 12	117.52	Fine-grained clast	42.62	1.5	14.54	16.96	0.22	13.94	6.2	0.74	0.58	4259			123	28	148	17	89	17	98	14	19	8		9	
U1504B Unit IIIA clast	34	U1504B-5R-1-A, 44	117.84	Fine-grained clast	49.03	2.08	13.69	13.18	0.17	10.46	7.93	1.4	0.33				162	106	36	88	28	184	25	144	24	15			
U1504B Unit IIIA clast	55	U1504B-8R-1-A, 30	132.1	Fine-grained clast	59.48	1.94	16.1	8.97	0.1	6.28	7.33	0.47	0.3				152	41	28	63	12	232	21	140	25	9			
U1504B Unit IIIA clast	57	U1504B-8R-1-A, 120	133	Fine-grained clast	47.13	1.42	13.9	17.8	0.2	11.78	9.44	0.61	1.15				76	51	102	11	60	16	90	15	19	8			
U1504B Unit IIIA clast	49	U1504B-7R-1-A, 54	127.64	Fine-grained gray clast	45.27	2.04	17.07	17.54	0.21	13.71	8.41	1.2	0.31			173	107	16	142	19	184	25	114	18	18				
U1504B Unit IIIA clast	37	U1504B-5R-1-A, 88	118.28	Fine-grained clast	45.31	1.6	9.28	17.23	0.22	14.16	11.56	0.65	0.73				97	31	125	12	315	19	112	18	22	7			
U1504B Unit IIIA clast	38	U1504B-5R-2-A, 2	118.92	Fine-grained clast	45.88	4.66	8.95	17.27	0.25	11.93	15.71	0.36				274	32	62	120	537	34	323	64	18	9				
U1504B Unit IIIA clast	43	U1504B-6R-1-A, 4	122.14	Fine-grained clast	47.13	2.16	13.94	17.54	0.22	13.87	9.1	0.55	0.59				91	131	9	267	22	155	23	18	8				
U1504B Unit IIIA clast	44	U1504B-6R-1-A, 13	122.23	Fine-grained clast	47.69	2.96	10.44	18.66	0.23	14.74	11.75	0.59					77	31	141	339	22	221	38	19	9				
U1504B Unit IIIA clast	40	U1504B-5R-2-A, 54	119.44	Fine-grained irregular clast	37.53	1.82	12.84	20.98	0.29	13.74	8.32	1.15					153	41	187		43	16	119	21	27	11	7		
U1504B Unit IIIA clast	52	U1504B-7R-1-A, 126	128.36	Reddish brown veined clast	52.46	3.04	15.12	8.72	0.06	5.58	6.63	0.45	2366	170			14	58	65	8	298	30	243	46	10				
U1504B Unit IIIA matrix	56	U1504B-8R-1-A, 93	132.73	Coarse grained green schist	41.4	2.02	15.87	13.65	0.2	9.78	11.06	1.67	0.29	12704	230		68	36	115	37	200	25	193	30	12	8		6	
U1504B Unit IIIA matrix	35	U1504B-5R-1-A, 52	117.92	Coarse matrix	40.07	1.78	14.17	16.27	0.22	10.36	12.19	0.21	394			121	36	115		403	24	118	21	19					
U1504B Unit IIIA matrix	39	U1504B-5R-2-A, 5	118.95	Coarse matrix	40.8	1.18	12.29	8.24	0.12	5.26	18.34						41	31	42		801	14	82	15	9				
U1504B Unit IIIA matrix	41	U1504B-5R-2-A, 55	119.45	Coarse matrix	54.36	1.16	15.56	7.31	0.09	5.43	5.88	0.27	727			27	20	42		269	14	82	17	11					