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Expedition 367/368 Site U1502, Table T4. Major element oxides and minor elements in rocks, Site U1502.
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Type	Analysis number	Core, section, interval (cm)	Depth (m)	Lithology	SiO_2 (wt%)	TiO_2 (wt%)	Al_2O_3 (wt%)	Fe_2O_3 (wt%)	MnO (wt%)	MgO (wt%)	CaO (wt%)	K_2O (wt%)	P_2O_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)
		367/368-U1502B-																								
U1502 basalt Unit 1	171	2R-1, 29	728.25	Basalt clast Unit II	50.80	2.36	19.18	6.57	0.02	3.23	7.02		0.37			422	38	69	85	6	226	52	64	19	7	6
U1502 basalt Unit 1	172	2R-1, 30	728.26	Basalt clast Unit II	50.90	2.32	19.26	6.19	0.03	3.03	7.07		0.38			427	41	73	82	6	234	58	68	20	8	6
U1502 basalt Unit 1	173	2R-1, 33	728.29	Basalt clast Unit II	51.00	2.42	19.33	6.26	0.02	3.20	6.98		0.37			456	36	44	88	6	235	51	65	19	8	5
U1502 basalt Unit 1	45	2R-1, 28	728.24	Basalt clast Unit II	49.51	2.32	18.54	6.71	0.03	2.46	7.02		0.35			404	40	74	85	7	227	51	63	19	9	5
U1502 basalt Unit 2a	82	4R-1, 83	739.53	Fine-grained sparsely phyric	55.29	2.92	19.68	3.11	0.00	1.89	3.37	0.52	0.34	10,836	329	295	17	180	62	9	200	61	223	18	4	6
U1502 basalt Unit 2a	83	4R-1, 139	740.09	Fine-grained sparsely phyric	57.08	2.49	20.24	1.46	0.00	1.72	4.16	0.59	0.28	3,849	298	302	15	44	68	12	177	44	190	16		6
U1502 basalt Unit 2a	138	4R-2, 11	740.28	Sparsely phyric basalt clast	56.46	2.24	18.43	1.92	0.00	2.41	3.65		0.25	6,303	322	355	23	78	63	7	176	30	150	14		5
U1502 basalt Unit 2a	84	4R-CC, 2	741.13	Fine-grained basalt	55.78	2.03	17.15	4.67	0.01	2.78	3.51		0.23		253	316	14	29	67	8	194	24	151	12		11
U1502 basalt Unit 2a	139	5R-1, 110	749.40	Sparsely phyric altered basalt	56.31	2.08	16.65	6.15	0.01	2.83	3.80		0.24		201	326	27		57	7	167	20	131	10	4	7
U1502 basalt Unit 2a	77	5R-CC, 16	749.85	Fine-grained basalt	47.05	1.98	14.87	3.17	0.01	2.19	4.54		0.23	546	265	287	19	17	82	8	132	35	166	13		3
U1502 basalt Unit 2a	78	6R-3, 17	760.90	Fine-grained basalt	55.59	1.71	18.86	2.30	0.01	2.21	5.45		0.16		250	387	8	133	58		203	15	95	9	4	4
U1502 basalt Unit 2a	140	6R-3, 50	761.23	Sparsely phyric basalt clast	56.66	1.75	18.93	1.71	0.01	2.29	4.61	0.34	0.15	2,513	258	391	10	274	66	8	209	27	105	10		6
U1502 basalt Unit 2a	79	6R-3, 84	761.57	Fine-grained basalt	51.22	1.58	16.94	1.34	0.00	0.86	2.60		0.16		185	358	11	82	52	8	223	30	110	12	8	
U1502 basalt Unit 2a	80	6R-3, 114	761.87	Fine-grained basalt	58.62	1.74	19.73	2.08	0.01	2.26	2.01		0.15		204	416	15	21	70	7	208	24	103	10	3	4
U1502 basalt Unit 2a	85	6R-5, 33	763.92	Sparsely phyric basalt	57.00	1.88	15.97	3.11	0.01	2.76	4.37		0.21		225	288	12	103	53	9	207	21	127	11	5	4
U1502 basalt Unit 2a	86	6R-5, 138	764.97	Fine-grained basalt	53.61	2.78	13.72	3.55	0.01	1.72	2.86		0.30		343	271	15	41	48	6	192	35	177	16	9	5
U1502 basalt Unit 2a	141	6R-6, 25	765.27	Light greenish gray aphyric basalt clast	58.32	2.64	16.76	4.38	0.01	3.06	3.31		0.31		337	276	22	20	53		184	33	187	13	4	6
U1502 basalt Unit 2a	74	7R-1, 18	767.68	Fine-grained basalt	52.19	2.24	15.46	5.32	0.02	2.39	2.22		0.32		250	228	23		65	7	152	55	212	15		
U1502 basalt Unit 2a	75	7R-1, 68	768.18	Fine-grained basalt	54.45	2.36	15.93	5.18	0.01	2.15	1.52		0.33		217	240	18	10	60	8	177	58	218	15	5	
U1502 basalt Unit 2a	76	7R-1, 138	768.88	Fine-grained basalt	50.17	2.47	16.22	2.17	0.00	1.42	2.04		0.36		254	245	15	117	67	8	94	67	222	16		
U1502 basalt Unit 2a	72	7R-2, 33	769.30	Altered fine-grained basalt	39.07	2.18	11.50	2.10	0.01	1.37	4.66		0.26	1,879	229	224	14	13	57	6	111	61	221	18	4	
U1502 basalt Unit 2a	73	7R-2, 117	770.14	Fine-grained basalt	48.60	2.36	13.91	8.79	0.11	2.95	3.59		0.29		210		43	19	125		180	35	169	13	10	7
U1502 basalt Unit 2a	87	8R-1, 122	778.32	Brown phyric basalt	47.86	2.08	14.65	8.08	0.03	2.87	3.77		0.29	508	188	235	21	16	66	6	186	25	156	11	5	5
U1502 basalt Unit 2a	142	8R-2, 35	778.93	Greenish gray altered basalt clast	55.88	2.35	16.41	4.69	0.01	1.94	1.76		0.30		275	253	24	19	56	6	183	23	168	15	4	
U1502 basalt Unit 2a	88	8R-2, 80	779.38	Tan sparsely phyric	43.62	2.08	13.55	12.86	0.15	3.01	3.61		0.25		142		63		169		169	28	146	10	18	7
U1502 basalt Unit 2a	143	9R-1, 4	786.74	Dark gray basalt clast	42.97	2.07	10.80	5.36	0.02	1.68	1.82		0.28	315	162	215	27	51	57	6	191	33	198	14	4	4
U1502 basalt Unit 2a	144	9R-1, 23	786.93	Brownish altered basalt clast	36.92	1.71	10.84	7.13	0.03	1.42	4.22		0.16	2,855	164	229	42		90	6	208	17	126	11	6	4
U1502 basalt Unit 2a	89	9R-2, 45	788.42	Brown sparsely phyric	47.42	2.19	13.00	13.04	0.11	4.43	4.76		0.28		147		53		173		168	38	162	9	13	7
U1502 basalt Unit 2a	145	9R-2, 78	788.75	Brownish altered basalt clast	51.10	2.27	14.71	10.26	0.08	4.40	5.41		0.29		163		47		123	6	198	34	155	8	7	7
U1502 basalt Unit 2a	90	10R-1, 108	792.38	Highly phyric	48.47	1.33	18.39	3.45	0.02	1.95	7.41			11,392	138	359	19	62	97	7	197	6	67	8	4	5
U1502 basalt Unit 2a	91	10R-3, 55	794.75	Tan aphyric basalt	42.60	2.29	12.03	4.64	0.12	1.44	3.29		0.29	1,907	226	229	13		296		94	35	206	15	5	18
U1502 basalt Unit 2a	92	11R-1, 22	796.52	Tan slightly phyric	51.33	2.20	13.96	9.58	0.28	2.18	2.33		0.25	4,268			37	32	321		126	38	158	12	12	10
U1502 basalt Unit 2a	93	11R-1, 79	797.09	Tan slightly phyric	57.92	3.45	15.75	4.23	0.08	2.65	3.54		0.29	16,348	261		16	28	117		71	46	207	17	5	10
U1502 basalt Unit 2a	146	11R-2, 18	797.92	Light gray altered basalt	37.79	1.71	13.68	3.61	0.07	2.88	5.52		0.19	26,550	190	299	12	281	173	6	186	20	110	9		9
U1502 basalt Unit 2a	94	11R-2, 93	798.67	Fine-grained tan	50.35	1.55	13.96	4.31	0.03	1.90	3.20		0.18	36,478	133	336	8		94		147	17	101	11	6	4
U1502 basalt Unit 2a	96	12R-1, 57	801.47	Fine-grained tan	55.79	3.57	16.26	1.22	0.02	2.26	2.94		0.34	358	285		6	10	100	6	87	55	228	20	8	4
U1502 basalt Unit 2b	147	12R-2, 107	803.43	Gray sparsely phyric altered basalts	58.91	1.28	18.11	4.52	0.15	4.24	4.35	0.36			143	280	25	10	118	7	195	25	142	10		4
U1502 basalt Unit 2b	97	12R-3, 68	804.50	Fine-grained tan	51.87	2.09	14.51	3.69	0.12	4.51	4.31		0.16		151	246	34		156	6	93	20	139	14	6	4
U1502 basalt Unit 2b	19	13R-4, 86	810.93	Matrix and porphyritic basalt	60.05	1.62	18.55	5.94	0.22	7.92	4.55	0.34	0.16	4,040	147	346	66	136	461	6	173	21	105	9	6	5
U1502 basalt Unit 2b	70	14R-2, 145	813.32	Highly plagioclase phyric	53.74	1.01	21.66	3.03	0.13	4.46	4.81	0.89			137	352	12	289	207	19	185	9	52	7	4	
U1502 basalt Unit 2b	148	15R-1, 122	816.72	Highly phyric basalt	47.37	0.76	22.04	6.11	0.17	6.56	8.60					462	61	12	139	6	238	9	43		4	
U1502 basalt Unit 2b	20	15R-2, 74	817.74	Porphyritic basalt	49.40	1.13	20.06	6.97	0.17	5.06	7.52			310		320	55	282	151		213	13	60	8	6	6
U1502 basalt Unit 2b	23	16R-1, 8	820.18	Fine-grained basalt	55.09	1.59	14.92	7.88	0.14	5.09	8.53		0.17	160	254	374	61	28	77		184	30	120	10	12	
U1502 basalt Unit 2b	24	16R-1, 42	820.52	Fine-grained basalt	53.08	1.56	16.49	8.88	0.20	5.99	9.31		0.17		170	248	65		99		212	29	114	9	10	
U1502 basalt Unit 2b	22	16R-1, 99	821.09	Fine-grained chill	42.46	1.31	12.93	6.30	0.11	2.58	3.86		0.18	28,915	148	250	20		100		243	16	86	11	9	
U1502 basalt Unit 2b	25	16R-1, 125	821.35	Fine-grained basalt	52.80	2.03	18.73	4.67	0.09	5.65	4.62		0.20	6,863	221	311	44		108	6	237	13	122	11	6	4
U1502 basalt Unit 2b	149	17R-1, 57	825.67	Sparsely phyric basalt	54.37	1.55	16.39	8.84	0.24	8.54	9.31		0.19	2,139	154	274	70	2,035	117		213	32	119	9	8	
U1502 basalt Unit 2b	26	17R-3, 61	828.55	Fine-grained basalt	46.06	1.65	16.22	8.79	0.28	8.79	5.42		0.21	366	147	273	59	152	218		227	38	124	10	8	5
U1502 basalt Unit 2b	27	18R-1, 35	829.95	Fine-grained basalt	47.21	1.91	16.27	4.51	0.19	5.54	9.06		0.23	3,290	180	304	23	155	99		222	36	113	11	5	4
U1502 basalt Unit 2b	30	18R-4, 76	834.36	Fine-grained basalt	53.90	1.58	18.18	9.62	0.22	8.54	7.10		0.20		134	273	72		148		205	26	105		8	
U1502 basalt Unit 2b	39	19R-1, 59	835.19	Fine-grained basalt	52.10	1.63	16.57	9.00	0.18	8.07	7.61		0.20		150	270	70		116		205	24	116	9	10	
U1502 basalt Unit 2b	43	19R-3, 37	837.56	Dark gray basalt	52.00	1.19	17.31	8.72	0.16	7.21	9.89		0.17		153	244	53	41	91		215	23	87	8	11	
U1502 basalt Unit 2b	44	20R-2, 77	841.19	Dark gray fine-grained basalt	51.79	1.39	18.18	7.84	0.10	6.28	8.53	0.34	0.17		151		50	51	77		236	19	88	8	10	
U1502 basalt Unit 2b	60	21R-1, 39	844.59	Pillow rim next to chilled margin	54.70	1.84	17.30	5.26	0.07	5.99	3.58		0.19	352	240	293	45		97		251	18	125	12	6	
U1502 basalt Unit 2b	61	21R-1, 105	845.25	Pillow basalt fine-grained	47.72	1.64	15.28	7.57	0.20	7.48	5.30		0.19	1,202	144	275	61	169	174		191	22	123	10	8	5
U1502 basalt Unit 2b	62	21R-2, 56	845.95	Pillow basalt fragment	56.61	1.70	18.32	6.74	0.17	7.91	3.26	0.42	0.18		169	297	69	121	219		201	18	123	7	5	
U1502 basalt Unit 2b	66	21R-3, 22	847.11	Dark gray basalt	64.61	2.17	15.95	8.39	0.20	8.72	2.09		0.23	31,681	187	229	47	46	250		217	34	140	11	7	9
U1502 basalt Unit 2b	6	23R-1, 55	850.85	Aphyric flow middle	54.30	1.93	17.12	5.73	0.14	5.99	3.15		0.18	10,853	182	325	54	11	162		176	18	127	12	5	5
U1502 basalt Unit 2b	7	23R-2, 9	851.43	Fine-grained near margin	53.25	1.45	16.61	5.92	0.14	7.68	3.57		0.16	165	150	300	61	14	164		173	21	86	8	7	
U1502 basalt Unit 2b	8	23R-2, 34	851.68	Aphyric flow middle	53.92	1.45	16.23	7.14	0.18	9.92	2.52		0.16			304	70		214		141	20	98	8	8	
U1502 basalt Unit 2b	9	23R-2, 91	852.25	Coarse-grained core	48.82	1.59	15.43	9.24	0.30	10.88	4.50		0.19	959	129		72		254		159	22	98		9	6
U1502 basalt Unit 2b	4	24R-1, 15	853.95	Coarse pillow core	50.08	2.07	15.45	7.90	0.22	5.55	6.17		0.22	5,743	188	241	41		155		188	34	119	9	9	
U1502 basalt Unit 2b	5	24R-1, 43	854.23	Fine pillow	45.38	1.28	15.86	12.27	0.34	6.65	5.81		0.16			261	103	68	274		173	27	85		13	7
U1502 basalt Unit 2b	2	24R-2, 28	855.34	Aphyric basalt	53.86	2.82	14.97	8.99	0.18	4.43	2.52		0.31		259		25	62	148		154	39	168	13	8	6
U1502 basalt Unit 2b	3	24R-2, 93	855.99	Aphyric basalt	43.74	1.59	15.09	13.57	0.47	11.05	1.84		0.22	17,045		275	100		364		64	30	128		15	9
U1502 basalt Unit 2b	18	25R-3, 42	861.58	Matrix and porphyritic basalt	48.09	1.55	17.29	8.67	0.29	7.32	5.79		0.18		171	309	47	73	161		216	26	94	9	11	7
U1502 basalt Unit 2b	151	25R-3, 103	862.19	Moderately phyric basalt	53.15	1.30	20.57	5.66	0.13	8.82	4.59	0.37		5,697	126	296	63	54	150	6	190	15	79	7	4	4
U1502 basalt Unit 2b	12	26R-1, 84	864.24	Very highly porphyritic	40.89	0.82	20.36	10.16	0.34	6.32	8.92	0.34		1,651		338	88		234	6	173	17	48		12	6
U1502 basalt Unit 2b	13	26R-2, 64	865.30	Matrix of plagioclase 1	56.46	1.59	16.94	4.78	0.12	4.18	3.53	0.44	0.17	1,586		244	32		123	7	204	25	166	11	7	
U1502 basalt Unit 2b	10	26R-3, 100	866.94	Matrix of plagioclase phyric flow	57.74	1.48	16.46	5.55	0.12	4.61	3.45		0.17		158	253	37	191	158	6	187	23	158	11	8	5
U1502 basalt Unit 2b	11	26R-4, 21	867.34	Fine-grained flow	56.72	2.40	15.01	6.75	0.21	8.63	1.76		0.31	8,697	193		37		176		62	36	186	14	9	4
U1502 basalt Unit 2b	17	27R-2, 39	869.80	Aphyric matrix	59.89	2.01	16.38	2.93	0.06	3.12	1.51		0.23	160	277	257	15	86	109		108	25	182	14	6	
U1502 basalt Unit 2b	15	27R-3, 8	870.88	Aphyric margin	51.41	2.01	16.24	8.93	0.28	5.67	1.91		0.22	2,842	171	227	44		401		155	29	148	9	10	5
U1502 basalt Unit 2b	16	27R-3, 133	872.13	Matrix sparse phyric	51.66	2.06	15.37	7.29	0.17	4.62	5.18		0.25		226	237	19		169	6	159	34	134	11	8	4
U1502 basalt Unit 2b	14	27R-4, 65	872.95	Aphyric basalt	46.73	1.98	13.77	13.07	0.27	8.80	5.14		0.24		155		47		244		211	37	145	9	16	
U1502 basalt Unit 2b	32	28R-1, 60	873.66	Sparsely phyric basalt	49.96	1.89	15.27	11.56	0.19	8.53	4.62		0.21		182		48		218		185	31	135	9	13	
U1502 basalt Unit 2b	36	29R-1, 55	878.15	Matrix of moderately phyric basalt	51.12	2.00	16.18	7.75	0.20	8.66	1.67		0.28	26,405	156	234	31	26	348		166	23	164	12	9	6
U1502 basalt Unit 2b	35	29R-2, 83	879.77	Phyric basalt matrix	58.15	1.89	18.90	6.91	0.20	10.07	1.67	0.36	0.24	7,553	183	239	29		380	6	157	31	156	11	6	4
U1502 basalt Unit 2b	37	30R-1, 67	883.27	Fine-grained basalt	61.77	2.03	16.75	5.82	0.19	7.41	1.31		0.26	458	233	251	36	35	276		163	20	179	13	5	5
U1502 basalt Unit 2b	38	30R-3, 122	886.71	Fine-grained phyric basalt	56.64	1.69	18.16	7.19	0.23	9.78	1.47		0.23	16,332	169	244	65	14	673		198	32	153	9	6	5
U1502 basalt Unit 2b	48	31R-1, 36	886.96	Fine-grained basalt	45.91	1.77	16.46	9.06	0.29	9.84	2.33		0.23	12,721		223	36		807		155	21	155	9	9	6
U1502 basalt Unit 2b	49	31R-2, 26	888.19	Sparsely phyric basalt	52.98	1.78	16.89	7.47	0.21	9.30	1.61		0.22	7,232	131	232	44	139	337		188	25	150	11	9	5
U1502 basalt Unit 2b	51	31R-3, 72	890.07	Fine-grained basalt sparsely phyric	54.95	1.95	16.76	6.85	0.21	7.20	1.27		0.22	8,896		229	17		590		137	23	157	13	10	6
U1502 basalt Unit 2b	52	31R-4, 57	891.29	Moderately phyric basalt (light green)	54.34	1.66	16.86	7.56	0.25	9.88	1.34		0.23	1,982	160	244	39	101	510		193	22	145	10	8	5
U1502 basalt Unit 2b	53	31R-4, 77	891.49	Fine-grained sparse phyric light gray basalt	58.02	1.95	19.22	4.80	0.16	8.61	1.33		0.23		159	255	27		399		91	23	152	9		
U1502 basalt Unit 2b	54	32R-1, 42	892.52	Sparsely phyric basalt	55.49	1.89	16.45	8.17	0.20	9.58	3.06		0.22	23,189	192	241	70		370		173	24	156	11	10	6
U1502 basalt Unit 2b	56	32R-2, 116	894.11	Moderately phyric basalt	50.80	1.74	19.30	6.13	0.18	6.68	5.10	0.59	0.17		171	383	37	174	312	7	201	21	125	10	8	5
U1502 basalt Unit 2b	58	32R-4, 67	895.82	Moderately phyric basalt	51.98	1.87	18.02	6.97	0.16	8.66	2.77		0.23		154	247	49	185	176		230	29	155	9	7	
U1502 basalt Unit 2b	98	33R-1, 57	896.67	Sparsely phyric basalt	48.12	1.80	17.45	9.01	0.17	6.28	5.21		0.21		135	240	47		112		230	30	129	9	11	
U1502 basalt Unit 2b	99	33R-1, 127	897.37	Sparsely phyric basalt	48.99	1.89	16.10	11.91	0.17	9.16	5.48		0.23				58		135		168	33	131	9	13	5
U1502 basalt Unit 2b	100	33R-2, 32	897.79	Moderately phyric basalt	49.02	1.86	16.29	10.96	0.19	8.02	7.49		0.21		164		52		119		203	35	129	9	13	
U1502 basalt Unit 2b	101	33R-4, 29	900.36	Moderately phyric basalt	59.72	1.80	18.59	5.89	0.08	7.01	1.47		0.21	1,274	148	256	62	14	115		152	24	166	9		
U1502 basalt Unit 2b	103	34R-1, 101	902.61	Dark gray basalt	50.77	1.82	15.18	9.83	0.19	6.90	8.62		0.20			238	57		107		201	32	126	10	11	
U1502 basalt Unit 2b	105	34R-2, 142	904.33	Phyric basalt	54.51	1.90	18.78	7.03	0.15	10.20	2.66	0.38	0.25	9,755	166	251	51	150	178		191	21	153	9	5	5
U1502 basalt Unit 2b	108	35R-1, 25	905.95	Light green fine-grained basalt	53.15	1.64	17.43	5.73	0.17	7.34	4.57		0.19	4,653	123	322	66		135		121	19	119	10		5
U1502 basalt Unit 2b	109	35R-1, 75	906.45	Light green fine-grained basalt	51.45	1.67	18.21	6.88	0.17	10.09	3.16		0.22	2,230	138	322	83		165		171	16	109	9	4	5
U1502 basalt Unit 2b	111	35R-2, 71	907.79	Fine-grained basalt	51.86	1.93	17.36	4.79	0.09	4.56	3.68		0.23	2,065	185	259	60	64	84	6	239	26	151	11	6	4
U1502 basalt Unit 2b	112	35R-2, 138	908.46	Fine-grained basalt	48.33	1.82	16.96	9.76	0.17	5.33	4.87		0.21		162	232	43		120		222	30	127	9	9	
U1502 basalt Unit 2b	114	35R-3, 78	909.35	Sparsely phyric dark gray basalt	52.81	1.63	16.32	10.37	0.16	7.04	8.93		0.18		135		47		85	6	186	28	118	9	13	5
U1502 basalt Unit 2b	115	35R-4, 34	910.15	Sparsely phyric dark gray basalt	50.72	1.84	17.48	10.64	0.15	7.35	8.71		0.20				48		86		202	29	126	8	10	
U1502 basalt Unit 2b	116	36R-1, 11	911.31	Sparsely phyric dark gray basalt	56.37	1.58	18.47	8.69	0.11	7.12	8.17		0.18			234	46	33	70		228	25	108	8	8	
U1502 basalt Unit 2b	118	36R-1, 22	911.42	Dark gray basalt near rim	56.74	1.71	16.94	8.99	0.14	8.16	6.09		0.20		168		59	60	93		188	32	131	7	8	
U1502 basalt Unit 2b	117	36R-1, 29	911.49	Fine-grained basalt	52.48	2.06	16.81	11.78	0.17	7.51	5.17		0.26		186		61		112		236	35	157	9	11	7
U1502 basalt Unit 2b	120	36R-2, 54	913.14	Fine-grained basalt	55.21	2.47	16.57	8.49	0.10	6.07	4.09	0.33	0.32		197		37		93		234	31	175	11	6	
U1502 basalt Unit 2b	121	36R-2, 123	913.83	Coarser grained basalt	53.49	2.62	16.59	9.17	0.14	6.54	6.11	0.45	0.30		219		43		96	8	223	31	162	10	7	5
U1502 basalt Unit 2b	122	36R-3, 9	914.12	Coarse-grained basalt	46.67	2.53	14.24	10.55	0.21	5.59	7.05	0.52	0.26	1,904	165		41		103		218	38	153	11	11	6
U1502 basalt Unit 2b	123	36R-3, 47	914.50	Finer grained basalt	51.77	2.29	13.84	11.82	0.18	8.03	6.26		0.25		204		46		120		180	37	150	10	13	6
U1502 basalt Unit 2b	124	36R-3, 92	914.95	Medium-grained basalt	50.67	2.04	14.90	12.72	0.18	7.88	8.83		0.26				47		104		185	40	150	9	14	
U1502 basalt Unit 2b	125	36R-3, 118	915.21	Medium-grained basalt	52.22	2.00	14.73	11.84	0.17	7.35	8.69		0.30		174		42	25	100		190	44	176	11	15	
U1502 basalt Unit 2b	126	37R-1, 47	916.27	Moderately plagioclase phyric	52.47	1.87	13.74	12.17	0.18	7.38	8.01		0.25		181		43		108		180	38	143	10	17	
U1502 basalt Unit 2b	127	37R-1, 62	916.42	Fine-grained basalt	53.30	1.86	14.38	12.03	0.18	8.08	6.82		0.23		156		47		119		210	37	149	10	14	6
U1502 basalt Unit 2b	128	37R-1, 75	916.55	Fine-grained basalt	54.13	1.61	15.48	10.91	0.17	7.13	7.36		0.20		140	242	62	19	129		233	31	144	9	11	
U1502 basalt Unit 2b	129	37R-1, 102	916.82	Aphyric basalt	51.79	1.69	13.70	11.83	0.18	7.52	8.23		0.24				54	25	106		179	40	149	11	18	
U1502 basalt Unit 2b	130	37R-2, 66	917.74	Coarse-grained basalt	51.01	1.85	13.99	12.12	0.18	6.41	8.78		0.31		164		38	28	114		194	43	172	12	14	
U1502 basalt Unit 2b	132	37R-2, 140	918.48	Thin aphyric gine-grained segregation	62.74	1.06	12.60	10.11	0.09	6.43	3.39		0.58				21		132		272	71	422	23	9	6
U1502 basalt Unit 2b	131	37R-2, 141	918.49	Coarse-grained basalt	50.74	1.71	13.10	11.57	0.24	7.88	7.73		0.25		151		37		116		212	43	166	11	13	
U1502 basalt Unit 2b	133	37R-3, 7	918.59	Thin aphyric fine-grained segregation	58.91	1.11	12.90	11.11	0.10	6.84	3.98		0.56				21		106		247	73	388	21	13	
U1502 basalt Unit 2b	135	37R-3, 95	919.47	Coarse-grained basalt	51.40	2.02	13.60	11.16	0.19	8.47	7.24		0.27		184		36		109		209	42	169	10	13	
U1502 basalt Unit 2b	136	37R-4, 90	920.44	Coarse-grained basalt	50.54	1.94	12.93	10.39	0.17	7.18	5.43		0.28	1,436	154		43		106		229	43	179	13	13	6
U1502 basalt Unit 2b	137	37R-4, 135	920.89	Aphyric basalt	52.51	1.52	15.04	11.16	0.18	8.69	7.98		0.21			234	66	47	113		223	36	137	10	12	6
U1502 Unit 2b altered margin	21	16R-1, 94	821.04	Dark green altered chilled margin	27.60	1.31	11.19	13.25	0.35	10.26	1.17	0.35	0.16	1,173		223	126	27	389		95	16	107		13	10
U1502 Unit 2b altered margin	28	18R-2, 91	831.99	Chilled margin	44.37	1.33	18.73	9.06	0.30	15.89	0.77		0.15		103	280	99	11	417		49	30	101		6	5
U1502 Unit 2b altered margin	31	18R-3, 77	833.03	Chilled dark greenish margin	38.60	0.73	18.06	15.94	0.42	20.37	4.23		0.16	14,637			94		414		106	16	53		16	9
U1502 Unit 2b altered margin	40	19R-1, 124	835.84	Chilled margin	32.19	1.62	12.56	15.55	0.42	16.73	6.95	0.34	0.18	1,534		264	101	165	325		83	38	107	8	17	10
U1502 Unit 2b altered margin	59	21R-1, 33	844.53	Chilled margin	36.84	1.55	15.76	15.52	0.27	17.63	3.01	0.50	0.22	1,022		231	83		247		58	22	105		21	10
U1502 Unit 2b altered margin	63	21R-2, 115	846.54	White chilled margin	7.94	0.12	1.55	5.65	0.31	24.52	28.33			1,032			12		226		148	10	16		5	6
U1502 Unit 2b altered margin	65	21R-2, 118	846.57	Brown part of pillow rim	13.92		4.73	38.74	1.22	15.31	7.14	0.37	0.16	3,274			85		1,154		39	62			63	98
U1502 Unit 2b altered margin	64	21R-2, 125	846.64	Brecciated pillow margin with pyrite	49.66	1.55	18.80	13.76	0.23	16.19	1.89		0.18	63,542		246	84		376		132	23	88		15	24
U1502 Unit 2b vein	150	17R-1, 54	825.64	Pyrite vein	32.57	0.48	8.44	20.25	0.30	7.56	5.34		0.17	91,578			89		146		63	19	39		39	21
U1502 Unit 2b vein	29	18R-2, 111	832.19	White vein (calcite)	6.31		0.69	2.47	0.17	21.80	31.12			738			7	11	78		133	22	30		5	
U1502 Unit 2b vein	67	21R-3, 58	847.47	Pyrite epidote calcite vein	48.89		3.50	13.19	0.41	8.34	10.48			88,234			15	25	510		50	10			13	67
U1502 Unit 2b vein	69	21R-3, 76	847.65	Pyrite	29.49		1.07	29.73	0.22	4.82	0.79			232,580			53		308		8	6			49	35
U1502 Unit 2b vein	34	29R-1, 70	878.30	Epidote veins + pyrite	62.12	0.28	6.97	6.84	0.20	4.20	9.43			12,490	141				88		239	10	43		7	5
U1502 Unit 2b vein	50	31R-3, 94	890.29	Epidote, pyrite vein	27.56		8.69	16.49	0.29	6.67	13.26			101,849			178	554	10,686		340	19			22	14
U1502 Unit 2b vein	55	32R-2, 59	893.54	Epidote vein	47.27	0.23	16.97	13.07	0.34	2.44	15.37			6,207			14		125		357	12	31		16	9
U1502 Unit 2b vein	57	32R-4, 21	895.36	Epidote vein	43.89	0.22	18.63	14.61	0.26	2.97	16.67			718			12		91		460	13	23		17	10
U1502 Unit 2b vein	104	34R-2, 36	903.27	Epidote vein	46.19	0.96	19.23	13.22	0.16	4.65	14.65			800	190		39		75		335	16	74		15	16
U1502 Unit 2b vein	113	35R-3, 3	908.60	Chert?	46.35	0.16	2.96	5.60	0.12		1.99			274			31		108		17	13	49	17	31	
U1502 Unit 2b vein	134	37R-3, 82	919.34	Pyrite vein + minor epidote	22.84		7.03	39.56	0.04	4.95	7.43			257,490							138	5			59	45
cataclasite (base of Unit 2a)	95	12R-1, 93	801.83	Fine brown matrix in cataclastite	10.91		2.94	46.49	1.35	12.01	6.60	0.34	0.15	1,697			78		1,274		22	71			85	241
cataclasite (base of Unit 2a)	107	12R-1, 83	801.73	Light brown matrix in cataclasite	11.68		3.54	39.98	1.36	13.76	8.99		0.16	2,260			130		1,044		37	42			64	150
cataclasite (base of Unit 2a)	106	12R-1, 82	801.72	White clasts in cataclasite	29.53	0.31	6.28	18.43	0.62	9.12	7.84		0.15	10,233			55		377		26	29	61		19	17
U1502 chert in Unit 2 basalt	71	7R-2, 6	769.03	Chert	83.80	0.11	3.10	1.45	0.01	1.12	0.90						5	8	38	6	2	6	30	7	4	
U1502 chert in Unit 2 basalt	41	19R-1, 99	835.59	Chert	96.66	0.07	1.47	2.09	0.04	2.24				1,159			7		40		1	2	19		3	
U1502 chert in Unit 2 basalt	42	19R-3, 100	838.19	Red vein filling - chert	84.24		0.39	2.92	0.15	3.61	6.01			5,276	87		5	15	26		9	8	18		5	4
U1502 chert in Unit 2 basalt	68	21R-3, 75	847.64	Chert	91.79	0.24	1.86	2.71	0.08	2.59				22,366			6	10	196		-2	4	23		6	4
U1502 chert in Unit 2 basalt	1	24R-3, 54	856.99	Chert	91.46	0.20	2.67	2.60	0.07	2.22							11		71		15	4	40	9	6	
U1502 chert in Unit 2 basalt	33	29R-1, 61	878.21	Chert	99.84	0.05	0.67	2.92	0.02	1.34				20,640			5	16	11	6	7		22		4	8
U1502 chert in Unit 2 basalt	102	34R-1, 13	901.73	Chert with pyrite	96.87	0.08	1.88	1.88	0.03	2.88	0.49			5,293					31		6	2	23	6	4	
U1502 chert in Unit 2 basalt	110	35R-2, 28	907.36	Chert	93.45	0.12	2.04	2.70	0.04	2.53	0.54			6,479			7		37		1	3	27		4	
U1502 chert in Unit 2 basalt	119	36R-1, 57	911.77	Banded and veined chert?	69.38	0.30	10.67	8.78	0.14	12.00	0.81			3,797			46		146		54	6	70	7	7	
U1502 Unit III	46	2R-1, 82	728.78	Brownish-yellowish silicified breccia Unit III	95.68		0.39	4.30	0.00	0.31							5		0		-6				6	
U1502 Unit V	81	4R-1, 34	739.04	Sandstone?	13.62	0.09	2.83	4.58	0.10	16.60	25.79	0.51		176			40		146	26	45	6	79		7	10
U1502 Unit IE	47	2R-1, 1	727.97	Greenish clast in clay	36.90	0.31	10.07	8.30	0.17	2.84	19.57	1.48					45	52	78	90	657	22	72	8	9	18