Site U1372, Table T13. Magnetic properties and demagnetization results for discrete samples, Hole U1372A.

Core, section, interval (cm)	Depth (mbsf) Top	Depth (mbsf) Bottom	Strat. unit	Lith. unit	ISCI	Lithology	NRM Declination (°)	NRM Inclination (°)	NRM Intensity (A/m)	Magnetic susceptibility (10^{-6} SI)	Qn	Principal component analysis *n*	Type	Declination (°)	Inclination (°)	Intensity (A/m)	MAD (°)	Fit (mT/°C) Low	Fit (mT/°C) High
330-U1372A-																			
4R-1, 77–79	14.27	14.29	I	—	NA	Sandy foraminiferal ooze	273.9	–59.0	4.520	20,990.1	5.884	7	F	291.4	–56.2	1.3750	3.9	5	50
4R-1, 93–95	14.43	14.45	I	—	NA	Sandy foraminiferal ooze	98.4	38.8	0.033	3,171.0	0.281								
5R-1, 64–66	18.64	18.66	IIB	—	NA	Foraminiferal limestone	297.6	–20.0	3.970	2,744.6	39.521	10	F	301.0	–23.9	3.1647	1.2	20	160
5R-1, 116–118	19.16	19.18	IIC	—	NA	Multicolor basalt breccia	299.5	–18.9	2.190	3,601.8	16.613	11	F	299.6	–27.1	1.7100	1.2	15	160
5R-2, 102–104	20.22	20.24	IIC	—	NA	Multicolor basalt breccia	266.6	–13.2	1.750	2,920.8	16.370	11	F	275.0	–14.8	1.2185	2.1	5	120
5R-4, 119–121	23.22	23.24	IIC	—	NA	Multicolor basalt breccia	304.9	–19.3	0.476	9,426.5	1.380	7	F	323.9	–16.3	0.3278	3.0	5	50
5R-4, 143–145	23.46	23.48	IIC	—	NA	Multicolor basalt breccia	89.5	–2.4	11.800	6,314.4	51.059	12	F	89.4	–2.6	11.4220	0.8	0	120
6R-3, 45–47	26.77	26.79	IIC	—	NA	Multicolor basalt breccia	191.1	–23.5	0.396	11,122.8	0.973	8	F	148.5	–14.1	0.4157	2.6	10	80
6R-4, 54–56	28.12	28.14	IIC	—	NA	Multicolor basalt breccia	292.3	21.8	0.377	5,120.0	2.012	5	F	316.6	–54.3	0.2020	1.4	50	120
7R-1, 52–54	33.32	33.34	IID	—	NA	Multicolor basalt conglomerate	320.4	36.1	2.060	11,790.9	4.774	12	F	320.1	34.9	1.6994	1.0	10	160
7R-4, 13–15	37.39	37.41	IID	—	NA	Multicolor basalt conglomerate	210.3	43.6	4.710	23,203.3	5.546	8	F	214.6	41.6	3.8259	1.7	20	120
7R-4, 131–133	38.57	38.59	IID	—	NA	Multicolor basalt conglomerate	234.3	62.7	2.580	17,344.5	4.064	6	F	174.4	8.6	5.6746	2.1	5	40
8R-1, 61–63	42.71	42.73	IIE	—	NA	Bluish-gray basalt conglomerate	244.1	15.6	2.420	69,248.0	0.955	10	F	178.1		5.0205	0.7	5	100
8R-4, 9–11	46.32	46.34	IIE	—	NA	Bluish-gray basalt conglomerate	308.7	–64.0	10.300	21,231.3	13.255	8	F	302.0	–65.4	1.9234	1.7	40	160
8R-4, 11–13	46.34	46.36	IIE	—	NA	Bluish-gray basalt conglomerate	316.7	–64.9	10.800	19,294.2	15.294	15	F	311.8	–64.7	10.3700	0.8	200	675
8R-5, 122–124	48.95	48.97	IIE	—	NA	Bluish-gray basalt conglomerate	26.6	–57.9	8.630	32,177.6	7.328	13	F	31.0	–60.0	8.9307	0.8	300	675
8R-5, 124–126	48.97	48.99	IIE	—	NA	Bluish-gray basalt conglomerate	19.3	–60.0	9.890	24,978.3	10.818	9	F	30.7	–65.0	3.2814	1.0	30	160
9R-2, 18–20	53.15	53.17	III	4	3	Lava flow with peperitic top	207.3	–57.3	7.580	27,128.2	7.634	11	F	314.5	–73.9	4.8376	1.4	350	650
9R-2, 21–23	53.18	53.20	III	4	3	Lava flow with peperitic top	226.3	–45.5	4.950	20,767.2	6.512	10	F	356.5	–69.3	3.0963	1.1	5	100
9R-2, 80–82	53.77	53.79	III	4	3	Lava flow with peperitic top	139.6	–61.8	5.790	26,798.7	5.903	14	F	134.5	–64.4	5.3657	0.9	250	675
9R-2, 82–84	53.79	53.81	III	4	3	Lava flow with peperitic top	158.0	–58.1	4.190	28,871.5	3.965	13	F	138.0	–63.8	3.1310	0.6	5	160
9R-5, 123–125	57.97	57.99	III	4	3	Lava flow with peperitic top	356.4	–57.4	3.890	17,003.0	6.251	11	F	18.8	–64.1	2.6629	2.8	150	550
9R-5, 125–127	57.99	58.01	III	4	3	Lava flow with peperitic top	1.3	–58.2	4.370	18,840.1	6.337	10	F	30.2	–65.3	3.5123	1.4	5	100
9R-7, 68–70	60.28	60.30	III	5	3	Lava flow with peperitic top	43.0	–68.4	6.380	13,631.6	12.788	14	F	44.3	–69.4	6.0918	1.0	250	675
9R-7, 70–72	60.30	60.32	III	5	3	Lava flow with peperitic top	44.1	–73.0	5.810	12,267.6	12.940	12	F	45.1	–72.4	5.1856	1.1	10	160
10R-3, 93–95	65.00	65.02	IV	6	3	Lava flow with peperitic top	79.3	–64.4	2.590	12,409.9	5.702	14	F	71.5	–66.4	2.3525	1.1	250	675
10R-3, 95–97	65.02	65.04	IV	6	3	Lava flow with peperitic top	78.4	–63.7	2.260	10,844.6	5.694	13	F	71.9	–67.7	2.0314	0.8	5	160
10R-4, 105–107	66.52	66.54	IV	6	3	Lava flow with peperitic top	245.8	–42.9	3.350	8,073.0	11.338	8	F	221.1	–58.5	0.7519	2.8	450	625
10R-4, 107–109	66.54	66.56	IV	6	3	Lava flow with peperitic top	250.9	–43.5	3.080	10,103.2	8.329	9	F	242.5	–60.0	1.7246	1.3	10	100
10R-6, 88–90	69.02	69.04	IV	6	3	Lava flow with peperitic top	316.5	–57.6	1.520	10,920.5	3.803	10	F	316.8	–60.9	1.2655	1.9	20	160
10R-6, 90–92	69.04	69.06	IV	6	3	Lava flow with peperitic top	327.3	–62.2	4.560	13,851.9	8.994	13	F	328.1	–60.9	4.3884	1.9	250	650
11R-1, 61–63	71.51	71.53	V	10	3	Lava flow with scoriaceous top	204.0	–61.6	1.240	2,153.8	15.730	14	F	209.7	–65.1	1.1379	0.9	200	650
11R-1, 84–86	71.74	71.76	V	10	3	Lava flow with scoriaceous top	323.6	–0.7	1.750	8,988.5	5.319								
11R-2, 68–70	73.02	73.04	V	10	3	Lava flow with scoriaceous top	290.6	–27.0	4.330	13,995.1	8.453	8	F	297.4	–27.5	2.1308	3.3	400	600
11R-2, 134–136	73.67	73.69	V	10	3	Lava flow with scoriaceous top	201.5	–48.6	3.130	18,783.9	4.553	10	F	147.7	–69.2	1.3025	1.9	15	140
11R-4, 113–115	76.22	76.24	V	10	3	Lava flow with scoriaceous top	353.3	–69.6	3.660	17,988.1	5.559	4	F	63.6	–58.1	4.5402	2.3	100	250
11R-4, 116–118	76.25	76.27	V	10	3	Lava flow with scoriaceous top	53.9	–60.6	5.520	19,600.2	7.695	8	F	75.0	–54.8	2.0976	0.9	10	80
11R-7, 40–42	79.14	79.16	V	10	3	Lava flow with scoriaceous top	275.7	–74.8	3.420	6,625.3	14.104	10	F	269.9	–76.0	2.0672	1.1	15	140
11R-7, 43–45	79.17	79.19	V	10	3	Lava flow with scoriaceous top	253.6	–46.2	1.580	5,446.5	7.926	15	F	255.1	–46.7	1.4903	1.5	150	650
12R-1, 50–52	81.00	81.02	VI	12	3	Lava flow with scoriaceous top	343.0	–27.6	5.770	26,560.4	5.936	9	F	265.0	–68.7	2.2021	1.3	10	100
12R-1, 53–55	81.03	81.05	VI	12	3	Lava flow with scoriaceous top	309.5	–65.0	6.200	26,077.8	6.496	10	F	247.8	–72.3	4.8876	0.8	400	650
12R-4, 33–35	84.86	84.88	VI	12	3	Lava flow with scoriaceous top	125.1	–59.2	4.150	5,571.8	20.350	11	F	126.2	–58.8	3.5643	1.1	10	140
12R-4, 36–38	84.89	84.91	VI	12	3	Lava flow with scoriaceous top	127.4	–58.7	2.950	4,429.2	18.198	15	F	128.3	–58.5	2.8644	0.9	150	650
13R-1, 65–67	90.75	90.77	VI	15	3	Lava flow	185.5	–37.7	2.090	16,339.9	3.495	4	F	177.1	–43.4	1.1721	3.3	10	30
13R-1, 68–70	90.78	90.80	VI	15	3	Lava flow	189.4	–42.0	2.060	10,073.8	5.587	16	F	189.4	–45.9	1.9805	2.5	100	650
13R-4, 115–117	95.28	95.30	VI	15	3	Lava flow	110.2	–52.7	6.390	30,225.9	5.776	9	F	106.0	–58.4	5.9346	0.5	10	100
13R-4, 118–120	95.31	95.33	VI	16	3	Lava flow	121.3	–58.2	7.160	27,281.3	7.171	12	F	107.5	–62.4	5.5656	1.8	200	600
13R-5, 67–69	96.21	96.23	VI	16	3	Lava flow	298.0	–51.8	6.520	31,625.1	5.633	10	F	297.0	–54.5	5.8068	1.5	5	100
14R-2, 138–140	102.54	102.56	VII	21	1	Lava flow?	311.3	–55.4	4.640	26,108.1	4.856	10	F	304.9	–55.2	4.3483	1.1	5	100
14R-3, 5–7	102.71	102.73	VII	22	0	Breccia	3.7	–62.6	3.380	52,700.3	1.752	10	F	5.8	–64.3	2.8951	1.2	5	100
15R-1, 16–18	109.46	109.48	VIII	25	3	Lava flow	293.4	–63.5	1.300	11,219.9	3.166								
15R-1, 19–21	109.49	109.51	VIII	25	3	Lava flow	295.7	–70.3	1.440	14,431.8	2.726	8	F	344.1	–86.5	0.4722	4.2	400	600
16R-1, 65–67	119.65	119.67	VIII	25	3	Lava flow	97.7	38.4	1.430	9,432.4	4.142	5	F	94.1	32.5	0.9750	3.0	10	30
16R-1, 68–70	119.68	119.70	VIII	25	3	Lava flow	111.3	24.3	1.390	8,610.7	4.411	12	F	108.0	21.4	1.3045	3.6	200	600
16R-2, 50–52	121.00	121.02	VIII	25	3	Lava flow	296.0	–66.4	0.466	4,412.4	2.886	8	F	289.0	–65.5	0.4011	2.8	10	80
16R-2, 53–55	121.03	121.05	VIII	25	3	Lava flow	348.7	–56.5	0.822	5,108.8	4.396	8	F	317.0	–38.5	0.1382	3.0	400	600
16R-4, 1–3	123.41	123.43	VIII	25	3	Lava flow	208.3	–62.3	1.270	3,332.5	10.412	7	F	210.1	–62.8	1.1942	1.5	10	40
16R-4, 4–6	123.44	123.46	VIII	25	3	Lava flow	209.4	–58.6	2.030	4,360.3	12.720	8	F	196.9	–50.6	0.2478	4.5	400	600
16R-4, 18–20	123.58	123.60	VIII	25	3	Lava flow	329.8	70.1	0.713	15,114.9	1.289								
17R-2, 106–108	131.23	131.25	X	28	2	Lava flow (?pillow fragments)	30.1	39.3	3.300	17,838.7	5.054	13	F	29.8	39.1	3.0945	0.9	0	140
17R-3, 26–28	131.85	131.87	XI	30	1	Lava flow (?pillow fragments)	268.2	–51.2	0.066	1,679.9	1.069	6	F	236.7	–45.2	0.0153	3.3	30	100
18R-1, 35–37	133.75	133.77	XII	46	NA	Hyaloclastite breccia	67.4	1.0	0.001	409.8	0.069								
18R-1, 38–40	133.78	133.80	XII	46	NA	Hyaloclastite breccia	211.0	–61.7	0.001	405.7	0.047	3	F	214.5	–48.3	0.0004	4.0	150	250
18R-2, 115–117	136.04	136.06	XII	46	NA	Hyaloclastite breccia	328.5	–39.0	0.000	392.0	0.006								
19R-2, 140–142	140.95	140.97	XII	46	NA	Hyaloclastite breccia	341.0	–62.8	0.013	631.3	0.550	8	F	340.9	–61.3	0.0089	3.3	20	120
19R-2, 143–145	140.98	141.00	XII	46	NA	Hyaloclastite breccia	333.5	–54.6	0.016	672.5	0.642	7	F	21.1	–31.8	0.0017	7.4	350	575
19R-3, 90–92	141.94	141.96	XII	47	NA	Vitric-lithic volcanic sand and gravel	122.4	–38.5	0.035	576.2	1.650	11	F	123.1	–44.6	0.0278	3.7	15	160
19R-3, 93–95	141.97	141.99	XII	47	NA	Vitric-lithic volcanic sand and gravel	113.8	–67.2	0.121	583.6	5.665	4	F	102.8	–64.5	0.0512	3.5	100	250
20R-1, 47–49	143.47	143.49	XIII	48	NA	Hyaloclastite breccia	62.9	–58.7	5.080	5,008.2	27.714	9	F	65.3	–57.9	4.6987	4.1	5	50
20R-1, 50–52	143.50	143.52	XIII	48	NA	Hyaloclastite breccia	64.8	–56.5	5.970	5,844.8	27.908	17	F	64.4	–55.6	5.9440	1.0	20	600
21R-2, 54–56	146.99	147.01	XIII	51	1	Lava flow (?pillow fragments)	93.3	–74.0	13.400	3,408.5	107.414	8	F	93.5	–74.7	12.2700	2.0	10	80
21R-3, 49–51	148.44	148.46	XIII	51	1	Lava flow (?pillow fragments)	279.5	5.0	0.219	5,000.2	1.197	9	F	289.1	4.4	0.1197	2.9	5	80
22R-1, 16–18	149.36	149.38	XIV	57	1	Lava flow (?pillow fragments)	104.0	–73.6	0.093	3,136.6	0.814	5	F	143.0	–74.9	0.0243	4.2	500	600
22R-1, 19–21	149.39	149.41	XIV	57	1	Lava flow (?pillow fragments)	199.8	–37.5	0.209	3,298.3	1.731	7	F	203.1	–39.8	0.1494	2.1	15	80
22R-2, 105–107	151.71	151.73	XIV	59	NA	Hyaloclastite breccia	145.8	–40.1	9.050	6,197.4	39.899	14	F	126.3	–58.6	3.6881	2.5	200	600
22R-2, 108–110	151.74	151.76	XIV	60	1	Lava flow (?pillow fragments)	141.9	–50.6	9.820	6,200.1	43.274	8	F	132.5	–54.2	7.8639	2.3	15	80
26R-2, 95–97	172.84	172.86	XIV	61	NA	Hyaloclastite breccia	191.1	–56.3	1.870	9,273.3	5.510	9	F	187.6	–57.7	1.6460	3.2	10	80
26R-2, 98–100	172.87	172.89	XIV	61	NA	Hyaloclastite breccia	218.7	–61.6	2.420	10,017.9	6.600	10	F	216.2	–62.1	2.3062	2.4	20	400
27R-2, 74–76	177.58	177.60	XV	65	NA	Hyaloclastite breccia	121.4	41.1	0.002	493.7	0.126	9	F	140.7	55.6	0.0015	12.8	15	120
27R-2, 77–79	177.61	177.63	XV	65	NA	Hyaloclastite breccia	301.0	–39.9	0.005	529.6	0.272	5	F	213.5	–40.8	0.0014	12.2	500	600
27R-3, 22–24	178.49	178.51	XV	65	NA	Hyaloclastite breccia	21.5	–12.6	0.001	479.7	0.031	8	F	5.7	–7.9	0.0003	13.0	10	80
27R-5, 24–26	181.02	181.04	XV	65	NA	Hyaloclastite breccia	308.7	–2.5	0.366	1,261.3	7.928	10	F	309.3	–2.2	0.3558	0.6	5	60
28R-2, 39–41	181.90	181.92	XV	66	1	Lava flow (?pillow fragments)	134.5	–50.8	0.007	424.3	0.478	11	F	134.8	–55.7	0.0053	6.1	15	160
28R-2, 42–44	181.93	181.95	XV	66	1	Lava flow (?pillow fragments)	31.7	25.7	0.006	454.9	0.363	10	F	31.3	30.7	0.0055	4.0	300	600
29R-1, 16–18	185.16	185.18	XV	69	NA	Hyaloclastite breccia	33.4	–21.9	0.000	373.0	0.008	7	F	55.5	–4.7	0.0002	12.9	20	100
29R-1, 19–21	185.19	185.21	XV	69	NA	Hyaloclastite breccia	117.8	39.1	0.002	378.1	0.116	9	F	119.7	36.1	0.0012	7.8	350	600
29R-3, 45–47	188.11	188.13	XV	69	NA	Hyaloclastite breccia	183.7	15.9	0.000	336.1	0.015								
29R-4, 36–38	189.51	189.53	XV	69	NA	Hyaloclastite breccia	243.6	–7.7	0.000	373.1	0.022	4	F	226.8	–16.8	0.0001	4.5	30	60
29R-4, 39–41	189.54	189.56	XV	69	NA	Hyaloclastite breccia	200.5	–49.5	0.000	377.0	0.016	10	F	203.4	–43.8	0.0002	15.8	20	400
30R-1, 103–105	190.83	190.85	XV	69	NA	Hyaloclastite breccia	345.3	6.7	0.000	368.3	0.017								
30R-1, 106–108	190.86	190.88	XV	69	NA	Hyaloclastite breccia	98.8	6.1	0.000	351.5	0.032								
31R-1, 66–68	195.26	195.28	XV	69	NA	Hyaloclastite breccia	333.7	–73.2	4.320	3,919.8	30.112	8	F	337.0	–72.7	3.8440	1.6	5	50
31R-1, 73–75	195.33	195.35	XV	69	NA	Hyaloclastite breccia	332.3	–69.0	1.740	2,897.6	16.407	15	F	330.0	–71.1	1.3554	2.8	150	600
31R-2, 39–41	196.49	196.51	XV	69	NA	Hyaloclastite breccia	251.3	–14.7	0.010	1,957.6	0.142								
34R-1, 51–53	214.31	214.33	XVI	74	NA	Hyaloclastite breccia	95.2	–44.3	0.322	9,179.9	0.958	11	F	89.0	–49.3	0.3362	1.8	5	100
34R-1, 54–56	214.34	214.36	XVI	74	NA	Hyaloclastite breccia	152.7	–79.2	0.162	1,668.9	2.652	9	F	132.0	–51.2	0.0395	4.1	350	600
37R-1, 48–50	228.68	228.70	XVI	80	NA	Hyaloclastite breccia	130.7	–62.9	3.740	5,247.2	19.474	10	F	131.7	–65.2	3.4107	2.4	5	80
37R-1, 51–53	228.71	228.73	XVI	80	NA	Hyaloclastite breccia	122.5	–63.6	3.780	5,453.2	18.939	17	F	123.4	–64.0	3.7665	1.5	20	600
38R-3, 109–111	232.30	232.32	XVII	81	3	Lava flow	40.2	–53.8	0.910	17,754.2	1.400	9	F	329.4	–67.4	1.6854	1.2	5	80
38R-3, 112–114	232.33	232.35	XVII	81	3	Lava flow	287.0	–49.8	3.640	16,050.0	6.196	10	F	299.8	–52.1	3.1228	2.7	100	450

ISCI = in situ confidence index (see "Igneous petrology and volcanology" in the "Methods" chapter [Expedition 330 Scientists, 2012]). NRM = natural remanent magnetization. *Qn* is the Königsberger ratio, calculated for geomagnetic field intensity of 36.6 A/m. Type is the type of principal component analysis fit: F = free of origin. MAD = maximum angular deviation. Low, high are range of demagnetization levels (if high treatment <200, units are mT [AF demagnetization], else °C [thermal demagnetization]). — = no lithologic unit. NA = not applicable.