

Core, section, interval (cm)	Depth (mbsf)		Strat. unit	Lith. unit	ISCI	Lithology	Bulk susceptibility (10 <sup>-6</sup> SI)	Eigenvalues			Sigma	F	F12	F23	P'	T	Core coordinates (°)					
	Top	Bottom						Maximum		Intermediate							Minimum					
								Declination	Inclination	Declination							Inclination	Declination	Inclination			
330-U1377A-																						
3R-1, 40-42	15.50	15.52	III	1	2	Lava body or intrusive sheet	6,151.8	0.33603	0.33437	0.32959	0.00004	4,209.10	888.87	4,913.37	1.01	0.41	51.1	37.9	275.5	42.6	161.4	24.0
3R-1, 44-46	15.54	15.56	III	1	2	Lava body or intrusive sheet	6,633.1	0.33553	0.33402	0.33046	0.00004	6,186.66	950.53	7,907.81	1.02	0.49	79.3	5.6	338.9	61.5	172.3	27.8
4R-1, 60-62	25.10	25.12	III	3	3	Lava lobes stack or pillows stack	8,849.6	0.33688	0.33368	0.32945	0.00006	2,837.55	1,304.08	2,288.70	1.02	0.15	194.0	75.6	89.9	3.6	359.0	14.0
5R-1, 70-72	34.80	34.82	III	3	3	Lava lobes stack or pillows stack	28,334.3	0.33600	0.33274	0.33126	0.00003	4,484.77	5,057.64	1,048.50	1.01	-0.37	270.0	30.6	167.6	19.8	49.9	52.3
5R-2, 94-96	36.53	36.55	III	3	3	Lava lobes stack or pillows stack	20,710.7	0.33436	0.33369	0.33195	0.00001	8,051.10	854.88	9,999.99	1.00	0.57	230.6	50.7	330.7	8.1	67.1	38.2
5R-2, 96-98	36.55	36.57	III	3	3	Lava lobes stack or pillows stack	10,593.5	0.33401	0.33365	0.33234	0.00002	6,911.41	3,283.62	5,446.35	1.01	0.13	191.1	31.2	308.7	37.4	74.0	37.0
6R-1, 49-51	44.19	44.21	III	3	3	Lava lobes stack or pillows stack	2,375.8	0.33486	0.33290	0.33224	0.00015	2,118.04	1,523.75	1,133.41	1.04	-0.06	65.4	29.1	314.3	32.9	186.9	43.1
6R-1, 51-53	44.21	44.23	III	3	3	Lava lobes stack or pillows stack	24,574.2	0.33518	0.33350	0.33132	0.00002	4,592.14	836.80	5,607.32	1.01	0.45	64.7	20.9	324.2	25.4	189.3	56.1
6R-2, 79-81	45.85	45.87	III	5	3	Lava lobes stack or pillows stack	4,848.9	0.33849	0.33422	0.32729	0.00004	1,152.08	1,481.40	172.80	1.01	-0.49	39.8	72.4	306.5	1.0	216.2	17.6
6R-2, 81-83	45.87	45.89	III	5	3	Lava lobes stack or pillows stack	1,200.6	0.34122	0.33295	0.32582	0.00014	1,369.69	487.86	1,287.71	1.03	0.25	12.5	73.1	123.1	6.1	214.8	15.7
330-U1377B-																						
2R-3, 99-101	12.79	12.81	II	1	3	Lava lobes or pillows	27,280.5	0.33391	0.33370	0.33240	0.00002	1,820.96	74.94	2,875.20	1.00	0.72	166.9	52.2	258.4	1.2	349.4	37.8
4R-1, 74-76	18.84	18.86	II	1	3	Lava lobes or pillows	10,921.9	0.33451	0.33366	0.33183	0.00002	5,844.62	1,404.94	6,525.79	1.01	0.37	54.9	76.8	200.7	10.9	292.1	7.2
4R-2, 70-72	20.04	20.06	II	2	3	Lava lobes or pillows	509.8	0.33364	0.33346	0.33290	0.00027	1.58	0.21	2.10	1.00	0.52	292.4	27.5	59.9	49.5	186.9	27.2
4R-4, 91-93	22.39	22.41	II	6	3	Lava lobes or pillows	2,184.7	0.33450	0.33315	0.33235	0.00007	171.78	166.98	57.30	1.01	-0.26	137.3	24.1	32.3	30.1	259.2	49.7
4R-6, 0-2	24.34	24.36	II	9	3	Lava lobes or pillows	2,176.9	0.33462	0.33322	0.33216	0.00007	221.91	179.73	101.37	1.01	-0.14	36.9	43.1	278.9	26.7	168.1	35.2
5R-2, 25-27	29.24	29.26	II	14	3	Pillows	2,019.7	0.33531	0.33427	0.33043	0.00010	498.95	51.08	695.92	1.01	0.58	141.8	8.2	239.0	41.0	42.7	47.9
5R-3, 56-58	30.87	30.89	II	18	3	Pillows	1,500.6	0.33634	0.33254	0.33112	0.00007	1,079.41	1,336.66	187.13	1.01	-0.45	247.8	14.5	13.0	65.9	152.7	18.9

ISCI = in situ confidence index (see "Igneous petrology and volcanology" in the "Methods" chapter [Expedition 330 Scientists, 2012a]). Eigenvalues are normalized such that they sum to 1. Sigma is the uncertainty on the tensor elements in these same units. F, F12, and F23 are the F-test values for overall anisotropy, comparison of maximum and intermediate eigenvalues, and comparison of intermediate and minimum eigenvalues, respectively. Critical values are 3.4817 for F and 4.2565 for F12 and F23. P' and T are the corrected degree of anisotropy and shape factor of Jelinek (1981). Declination and inclination of the eigenvectors associated with the principal eigenvectors are given in core coordinates.