

Data report: trace element geochemistry of oceanic crust formed at superfast-spreading ridge, Hole 1256D, Table T2. Shipboard AES sample trace-element compositions, Hole 1256D.

Core, section, piece, interval (cm)	309-1256D																																312-1256D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	75R-1 (Piece 20, 131-133)	76R-2 (Piece 1, 0-4)	77R-2 (Piece 8, 55-57)	80R-1 (Piece 12c, 103-107)	85R-3 (Piece 9b, 78-81)	86R-3 (Piece 9a, 99-99)	87R-2 (Piece 6, 61-68)	89R-1 (Piece 14, 70-73)	94R-1 (Piece 10, 44-47)	96R-1 (Piece 6b, 29-31)	99R-2 (Piece 11c, 78-82)	102R-3 (Piece 6, 29-32)	110R-2 (Piece 5c, 60-63)	114R-2 (Piece 8, 54-56)	118R-1 (Piece 5, 42-46)	122R-1 (Piece 17, 126-130)	128R-1 (Piece 9, 58-63)	131R-1 (Piece 4, 20-22)	135R-1 (Piece 5b, 33-36)	137R-1 (Piece 2, 32-33)	138R-1 (Piece 2, 10-12)	139R-1 (Piece 8, 48-50)	140R-1 (Piece 7, 75-79)	141R-1 (Piece 11, 48-51)	142R-1 (Piece 14b, 119-121)	145R-2 (Piece 7, 51-55)	147R-1 (Piece 16, 75-77)	149R-1 (Piece 11a, 54-56)	150R-1 (Piece 3, 10-13)	154R-1 (Piece 13, 60-62)	157R-1 (Piece 8, 46-49)	160R-1 (Piece 4, 15-17)	161R-2 (Piece 0, 0-3)	163R-3 (Piece 8b, 59-62)	165R-3 (Piece 4a, 39-43)	165R-3 (Piece 13, 101-103)	168R-5 (Piece 3a, 32-34)	173R-2 (Piece 1c, 6-10)	174R-1 (Piece 23, 130-134)	175R-1 (Piece 13, 58-62)	175R-1 (Piece 22, 113-117)	176R-1 (Piece 31, 133-136)	176R-2 (Piece 4b, 22-25)	181R-1 (Piece 12, 43-47)	182R-1 (Piece 7, 25-28)	187R-1 (Piece 3, 15-17)	189R-1 (Piece 10, 66-68)	190R-1 (Piece 2, 14-17)	196R-1 (Piece 7, 30-32)	198R-1 (Piece 10, 46-49)	202R-1 (Piece 3, 37-42)	207R-1 (Piece 3, 10-15)	209R-1 (Piece 4, 15-19)	212R-1 (Piece 4, 17-20)	214R-2 (Piece 7b, 50-55)	215R-1 (Piece 2, 10-15)	215R-2 (Piece 10, 40-44)	217R-1 (Piece 4, 4-9)	220R-1 (Piece 9, 54-58)	222R-1 (Piece 2b, 25-36)	223R-1 (Piece 8a, 35-42)	223R-2 (Piece 1e, 41-48)	227R-1 (Piece 5a, 28-30)	230R-1 (Piece 8c, 68-72)	230R-2 (Piece 6b, 36-40)	231R-3 (Piece 2, 21-27)	232R-1 (Piece 5c, 97-100)	234R-1 (Piece 7, 19-20)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	Depth (mbsf):	753.32	753.5	760.76	781.23	815.17	824.95	832.73	850.5	879.04	893.29	909.68	929.62	971.7	990.85	1008.42	1028.56	1056.68	1070.7	1090.03	1099.62	1104.2	1109.38	1114.45	1118.98	1124.49	1139.42	1145.95	1156.64	1160.38	1180.16	1194.66	1208.75	1211.7	1221.54	1230.44	1231.07	1248.21	1262.3	1266.7	1271.88	1272.43	1277.82	1300.53	1334.56	1338.84	1364	1369.46	1373.17	1390.8	1396.65	1404.27	1412.85	1415.8	1417.53	1421.64	1435.54	1444.85	1449.65	1451.19	1468.78	1483.68	1484.86	1490.77	1493.87	1502.69																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Lab code:	75R1 131-133	76R2 0-4	77R2 55-57	80R1 103-107	85R3 78-81	86R3 94-99	087R2 61-68	89R1 70-73	94R1 44-47	96R1 29-31	99R2 78-82	102R3 29-32	110R2 60-63	114R2 54-56	118R1 42-46	122R1 126-130	128R1 58-63	131R1 20-22	135R1 33-36	137R1 32-33	138R1 10-12	139R1 48-50	140R1 75-79	141R1 48-51	142R1 119-121	145R2 51-55	147R1 75-77	149R1 54-56	150R1 10-13	154R1 60-62	157R1 46-49	160R1 15-17	161R2 0-3	163R3 59-62	165R3 39-43	165R3 101-103	168R5 32-34	173R2 6-10	174R1 130-134	175R1 58-62	175R1 113-117	176R1 133-136	176R2 22-25	181R1 43-47	182R1 25-28	187R1 15-17	189R1 66-68	190R1 14-17	196R1 30-32	198R1 46-49	202R1 37-42	207R1 10-15	209R1 15-19	212R1 17-20	214R2 50-55	215R1 10-15	215R2 40-44	217R1 4-9	220R1 54-58	222R1 25-36	223R1 35-42	223R2 41-48	227R1 28-30	230R1 68-72	230R2 36-40	231R3 21-27	232R1 97-100	234R1 19-22																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Trace element (ppm)	4.17	3.64	3.52	3.03	6.09	4.03	4.80	4.00	3.26	2.76	3.45	3.87	3.99	2.63	1.284	3.24	2.63	1.88	2.57	2.75	3.55	2.62	10.32	3.17	3.45	1.77	2.59	1.56	1.73	2.03	2.11	2.24	2.37	2.24	1.48	1.92	2.29	2.32	1.53	0.98	1.52	1.41	0.65	1.61	1.34	0.97	0.90	1.27	0.75	1.26	1.34	1.22	1.25	1.81	0.85	1.48	1.44	1.62	1.07	1.14	1.21	1.64	1.82	2.07	2.15	2.36	3.25	4.48	5.71	6.47	7.23	8.02	8.79	9.58	10.37	11.16	11.95	12.74	13.53	14.32	15.11	15.90	16.69	17.48	18.27	19.06	19.85	20.64	21.43	22.22	23.01	23.80	24.59	25.38	26.17	26.96	27.75	28.54	29.33	30.12	30.91	31.70	32.49	33.28	34.07	34.86	35.65	36.44	37.23	38.02	38.81	39.60	40.39	41.18	41.97	42.76	43.55	44.34	45.13	45.92	46.71	47.50	48.29	49.08	49.87	50.66	51.45	52.24	53.03	53.82	54.61	55.40	56.19	56.98	57.77	58.56	59.35	60.14	60.93	61.72	62.51	63.30	64.09	64.88	65.67	66.46	67.25	68.04	68.83	69.62	70.41	71.20	71.99	72.78	73.57	74.36	75.15	75.94	76.73	77.52	78.31	79.10	79.89	80.68	81.47	82.26	83.05	83.84	84.63	85.42	86.21	87.00	87.79	88.58	89.37	90.16	90.95	91.74	92.53	93.32	94.11	94.90	95.69	96.48	97.27	98.06	98.85	99.64	100.43	101.22	102.01	102.80	103.59	104.38	105.17	105.96	106.75	107.54	108.33	109.12	109.91	110.70	111.49	112.28	113.07	113.86	114.65	115.44	116.23	117.02	117.81	118.60	119.39	120.18	120.97	121.76	122.55	123.34	124.13	124.92	125.71	126.50	127.29	128.08	128.87	129.66	130.45	131.24	132.03	132.82	133.61	134.40	135.19	135.98	136.77	137.56	138.35	139.14	140.00	140.80	141.60	142.40	143.20	144.00	144.80	145.60	146.40	147.20	148.00	148.80	149.60	150.40	151.20	152.00	152.80	153.60	154.40	155.20	156.00	156.80	157.60	158.40	159.20	160.00	160.80	161.60	162.40	163.20	164.00	164.80	165.60	166.40	167.20	168.00	168.80	169.60	170.40	171.20	172.00	172.80	173.60	174.40	175.20	176.00	176.80	177.60	178.40	179.20	180.00	180.80	181.60	182.40	183.20	184.00	184.80	185.60	186.40	187.20	188.00	188.80	189.60	190.40	191.20	192.00	192.80	193.60	194.40	195.20	196.00	196.80	197.60	198.40	199.20	200.00	200.80	201.60	202.40	203.20	204.00	204.80	205.60	206.40	207.20	208.00	208.80	209.60	210.40	211.20	212.00	212.80	213.60	214.40	215.20	216.00	216.80	217.60	218.40	219.20	220.00	220.80	221.60	222.40	223.20	224.00	224.80	225.60	226.40	227.20	228.00	228.80	229.60	230.40	231.20	232.00	232.80	233.60	234.40	235.20	236.00	236.80	237.60	238.40	239.20	240.00	240.80	241.60	242.40	243.20	244.00	244.80	245.60	246.40	247.20	248.00	248.80	249.60	250.40	251.20	252.00	252.80	253.60	254.40	255.20	256.00	256.80	257.60	258.40	259.20	260.00	260.80	261.60	262.40	263.20	264.00	264.80	265.60	266.40	267.20	268.00	268.80	269.60	270.40	271.20	272.00	272.80	273.60	274.40	275.20	276.00	276.80	277.60	278.40	279.20	280.00	280.80	281.60	282.40	283.20	284.00	284.80	285.60	286.40	287.20	288.00	288.80	289.60	290.40	291.20	292.00	292.80	293.60	294.40	295.20	296.00	296.80	297.60	298.40	299.20	300.00	300.80	301.60	302.40	303.20	304.00	304.80	305.60	306.40	307.20	308.00	308.80	309.60	310.40	311.20	312.00	312.80	313.60	314.40	315.20	316.00	316.80	317.60	318.40	319.20	320.00	320.80	321.60	322.40	323.20	324.00	324.80	325.60	326.40	327.20	328.00	328.80	329.60	330.40	331.20	332.00	332.80	333.60	334.40	335.20	336.00	336.80	337.60	338.40	339.20	340.00	340.80	341.60	342.40	343.20	344.00	344.80	345.60	346.40	347.20	348.00	348.80	349.60	350.40	351.20	352.00	352.80	353.60	354.40	355.20	356.00	356.80	357.60	358.40	359.20	360.00	360.80	361.60	362.40	363.20	364.00	364.80	365.60	366.40	367.20	368.00	368.80	369.60	370.40	371.20	372.00	372.80	373.60	374.40	375.20	376.00	376.80	377.60	378.40	379.20	380.00	380.80	381.60	382.40	383.20	384.00	384.80	385.60	386.40	387.20	388.00	388.80	389.60	390.40	391.20	392.00	392.80	393.60	394.40	395.20	396.00	396.80	397.60	398.40	399.20	400.00	400.80	401.60	402.40	403.20	404.00	404.80	405.60	406.40	407.20	408.00	408.80	409.60	410.40	411.20	412.00	412.80	413.60	414.40	415.20	416.00	416.80	417.60	418.40	419.20	420.00	420.80	421.60	422.40	423.20	424.00	424.80	425.60	426.40	427.20	428.00	428.80	429.60	430.40	431.20	432.00	432.80	433.60	434.40	435.20	436.00	436.80	437.60	438.40	439.20	440.00	440.80	441.60	442.40	443.20	444.00	444.80	445.60	446.40	447.20	448.00	448.80	449.60	450.40	451.20	452.00	452.80	453.60	454.40	455.20	456.00	456.80	457.60	458.40	459.20	460.00	460.80	461.60	462.40	463.20	464.00	464.80	465.60	466.40	467.20	468.00	468.80	469.60	470.40	471.20	472.00	472.80	473.60	474.40	475.20	476.00	476.80	477.60	478.40	479.20	480.00	480.80	481.60	482.40	483.20	484.00	484.80	485.60	486.40	487.20	488.00	488.80	489.60	490.40	491.20	492.00	492.80	493.60	494.40	495.20	496.00	496.80	497.60	498.40	499.20	500.00	500.80	501.60	502.40	503.20	504.00	504.80	505.60	506.40	507.20	508.00	508.80	509.60	510.40	511.20	512.00	512.80	513.60	514.40	515.20	516.00	516.80	517.60	518.40	519.20	520.00	520.80	521.60	522.40	523.20	524.00	524.80	525.60	526.40	527.20	528.00	528.80	529.60	530.40	531.20	532.00	532.80	533.60	534.40	535.20	536.00	536.80	537.60	538.40	539.20	540.00	540.80	541.60	542.40	543.20	544.00	544.80	545.60	546.40	547.20	548.00	548.80	549.60	550.40	551.20	552.00	552.80	553.60	554.40	555.20	556.00	556.80	557.60	558.40	559.20	560.00	560.80	561.60	562.40	563.20	564.00	564.80	565.60	566.40	567.20	568.00	568.80	569.60	570.40	571.20	572.00	572.80	573.60	574.40	575.20	576.00	576.80