

Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Other mineralogical features (name)	Silicified shale, siltstone, dolomite, calcareous dolomite (name)	Pyroclastic fragments (name)	Biogenic fragment comment	Complete lithology name
339-U1391A-1H-1-A 8/8-top mud	0.08	0.08		Calcareous dolomite (name)	Dolomitic dolomite (name)	Calcareous dolomite (name)	P	mud with biogenic carbonate
339-U1391A-1H-1-A 90/90-mud	0.9	0.9		Quartzite (name)	Quartzite (name)	Quartzite (name)	P	mud with biogenic carbonate
339-U1391A-1H-2-A 110/110-mud	2.6	2.6		Heavy minerals (name)	Heavy minerals (name)	Heavy minerals (name)	P	mud with biogenic carbonate
339-U1391A-2H-2-A 58/58-silty mud	6.18	6.18		Nile - black, mottled dolomite (name)	Nile - black, mottled dolomite (name)	Nile - black, mottled dolomite (name)	P	silty mud with biogenic carbonate
339-U1391A-2H-3-A 75/75-mud	7.85	7.85		Calcareous dolomite (name)	Calcareous dolomite (name)	Calcareous dolomite (name)	P	mud with biogenic carbonate
339-U1391A-3H-4-A 75/75-mud	18.85	18.85		Total dolomites (name)	Total dolomites (name)	Total dolomites (name)	P	mud with biogenic carbonate
339-U1391A-3H-7-A 56/56-silty mud	22.97	22.97		Calcareous dolomite (name)	Calcareous dolomite (name)	Calcareous dolomite (name)	P	silty mud with biogenic carbonate
339-U1391A-4H-3-A 75/75-brown mud	26.85	26.85		Calcareous dolomite (name)	Calcareous dolomite (name)	Calcareous dolomite (name)	P	mud with biogenic carbonate
339-U1391A-4H-5-grey mud	29.85	29.85		Calcareous dolomite (name)	Calcareous dolomite (name)	Calcareous dolomite (name)	A P	calcareous mud
339-U1391A-4H-7-A 23/23-silty mud	32.33	32.33		Calcareous dolomite (name)	Calcareous dolomite (name)	Calcareous dolomite (name)	C P	calcareous silty mud
339-U1391A-5H-2-A 68/68-reddish mud	34.78	34.78		Calcareous dolomite (name)	Calcareous dolomite (name)	Calcareous dolomite (name)	C P	calcareous mud



Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Other mineralogical components (name)	Silicified shale, siltstone, sandstone (name)	Radiolarian sandstone (name)	Diatomaceous sandstone (name)	Fossiliferous dolomitic sandstone (name)	Calcareous mudstone/dolomite (name)	Bioclastic dolomite (name)	Biogenic fragment comment	Complete lithology name
				Mineral grain comment	Microfossil comment							
339-U1391A-9H-5-A 127/127-sandy mud	77.75	77.75		35 30 35	0	0	28	20	20	40	C	calcareous sandy mud
339-U1391A-9H-6-A 70/70-sandy mud	78.65	78.65		32 30 38	100	0	40	20	40	0		calcareous sandy mud
339-U1391A-9H-7-A 100/100-light mud	80.36	80.36		11 38 51	100	0	50	20	30	0		calcareous mud
339-U1391A-10H-3-A 28/28-ReddishMud	83.21	83.21		20 40 40	100	0	50	20	30	0		calcareous silty mud
339-U1391A-10H-3-A 30/30-DarkMud	83.23	83.23		18 42 40	100	0	60	20	20	0	C	silty mud with biogenic carbonate
339-U1391A-10H-7-A 80/80-LighterMud	89.45	89.45		10 35 55	100	0	50	20	30	0		calcareous mud
339-U1391A-11H-3-A 37/37-dark green mud	92.75	92.75		3 25 72	100	0	10	15	25	50	F P C	biosiliceous mud
339-U1391A-11H-6-A 50/50-reddish mud	96.99	96.99		5 25 70	100	0	28	32	38	2	F F C	mud with biogenic carbonate
339-U1391A-12H-3-A 75/75-sandy mud	101.85	101.85		70 ## 10	280	0	15	15	70	0	F A	calcareous silty sand
339-U1391A-12H-6-A 40/40-dark mud	105.47	105.47		5 27 68	100	1	30	32	37	0	C F F F	calcareous mud



Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Other mineralogical components (name)	Silicified shale, siltstone, sandstone (name)	Calcareous dolomite, dolomitic limestone (name)	Dolomite, dolomitic limestone (name)	Quartz, quartzite, chert (name)	Other minerals, pyrite, tourmaline, zircon, monazite (name)	Pyroclastic fragments (name)	Biogenic fossils (name)	Spores, pollen, radiolaria, forams, diatoms (name)	Biogenic fragment comment	Complete lithology name	
339-U1391A-12H-7-A 80/80-light mud	107.33	107.33													calcareous mud
339-U1391A-13H-2-A 60/60-mud grey	110.34	110.34													calcareous mud
339-U1391A-13H-5-A 60/60-green mud	114.42	114.42													calcareous mud
339-U1391A-13H-6-A 60/60-reddish mud	115.8	115.8													calcareous mud
339-U1391A-13H-7-A 58/58-sandy mud	117.25	117.25													calcareous silty sand
339-U1391A-14H-2-A 130/130-light mud	120.83	120.83													calcareous mud
339-U1391A-14H-3-A 70/70-dark mud	121.64	121.64													calcareous mud
339-U1391A-15H-1-A 70/70-light mud	128.3	128.3													calcareous mud
339-U1391A-15H-4-A 30/30-silty mud	132.13	132.13													calcareous silty mud
339-U1391A-15H-CC-A 15/15-dark mud	136.79	136.79													calcareous mud



Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Other mineralogical features (name)	Silicified shale, dolomite, calcareous dolomite (name)	Rhythmite, dolomite, dolomitic dolomite (name)	Dolomite, dolomitic dolomite (name)	Formalities dolomite (name)	Calcareous mud dolomite dolomite (name)	Sponge spores, radiolarian, siliceous spherules (name)	Bioclastic fossiliferous dolomite (name)	Bioclastic dolomite (name)	Bioclastic dolomite (name)	Biogenic fragment comment	Complete lithology name
339-U1391A-16H-6-A 30/30-silty mud	143.53	143.53		15 50 35	0	P	P	P	C						calcareous silty mud
339-U1391A-16H-7-A 90/90-mud	145.66	145.66		8 27 65 100 0 34 32 34 0	C	P F	P	P	C	P					calcareous mud
339-U1391A-16H-8-A 80/80-mud	147.08	147.08		3 27 70 100 0 30 34 36 0	C	P F F	F	P	C	P					calcareous mud
339-U1391A-17H-1-A 75/75-mud	147.35	147.35		5 30 65 100 0 30 34 36 0	C	F			C	F					calcareous mud
339-U1391A-17H-3-A 40/40-mud	149.79	149.79		5 27 68 100 0 30 35 35 0	C	P F P			C	F					calcareous mud
339-U1391A-17H-3-A 95/95-silty sand	150.34	150.34		55 25 20 100 0 26 38 36 0	C	F F			C	A					calcareous silty sand
339-U1391A-18H-1-A 85/85-silty mud	156.95	156.95		25 30 45 100 0 45 25 30 0											calcareous silty mud
339-U1391A-18H-5-A 52/52-lighter	161.67	161.67		8 25 67 100 0 45 25 30 0											calcareous mud
339-U1391A-18H-5-A 90/90-light mud	162.05	162.05		10 30 60 100 0 45 25 30 0											calcareous mud
339-U1391A-19H-3-A 125/125-mud	169.53	169.53		5 20 75 100 0 30 30 40											calcareous mud
339-U1391A-20X-1-A 126/126-SandyM.	172.36	172.36		45 27 28 100 0 45 25 30 0											calcareous sandy mud
339-U1391A-20X-4-A 20/20-GreenishM.	175.8	175.8		5 25 70 100 0 50 25 24 1							P				calcareous mud



Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Mineral grain comment	Microfossil comment	Biogenic fragment comment	Complete lithology name
339-U1391A-28X-5-A 70/70-GreenMud	253.99	253.99		C			biogenic mud
339-U1391A-29X-1-A 80/80-light grey mud	258.2	258.2		A	F	P	calcareous mud
339-U1391A-29X-2-A 80/80-mud	259.71	259.71		C	P		calcareous mud
339-U1391A-29X-5-A 77/77-greenish mud	264.02	264.02		C	P P		calcareous mud
339-U1391A-30X-2-A 79/79-light grey mud	268.8	268.8		C	P P		calcareous mud
339-U1391A-30X-3-A 120/120-dark grey mud	270.72	270.72		C	P F		calcareous mud
339-U1391A-31X-3-A 25/25-silty mud?	279.86	279.86		C	P F F		calcareous mud
339-U1391A-31X-3-A 51/51-light grey mud	280.12	280.12		C	P F		calcareous mud
339-U1391A-31X-CC-A 25/25-dark grey mud	283.53	283.53		C	P F P		calcareous mud
339-U1391A-32X-6-A 14/14-dark grey mud	293.14	293.14		C	P F		calcareous mud
339-U1391A-32X-6-A 95/95-light grey mud	293.95	293.95		C	P		calcareous mud



Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Mineral grain comment	Microfossil comment	Biogenic fragment comment	Complete lithology name
339-U1391A-33X-2-A 80/80-dark grey mud	298.1	298.1		P	P	P	biosiliceous mud
339-U1391A-33X-4-A 68/68-light grey mud	300.98	300.98		F	P	P	calcareous mud
339-U1391A-34X-4-A 77/77-light grey mud	310.37	310.37		F	P P F	P	calcareous mud
339-U1391A-34X-6-A 93/93-dark grey mud	313.5	313.5		F	C	P	calcareous mud
339-U1391A-35X-5-A 83/83-mud	321.01	321.01		F	C P F	P	calcareous mud
339-U1391A-36X-2-A 95/95-light grey mud	326.49	326.49		F	C P F	P	calcareous mud
339-U1391A-37X-4-A 63/63-light grey mud	337.99	337.99		F	C P P F	P	calcareous mud
339-U1391A-37X-5-A 50/50-greenish mud	339.26	339.26		F	C P P F	F	calcareous mud
339-U1391A-38X-1-A 10/10-lighter mud	343.6	343.6		F	C P F	P	calcareous mud
339-U1391A-38X-4-A 112/112-grey mud	349.03	349.03		F	C P P F	P	calcareous mud
339-U1391A-38X-6-A 75/75-greenish mud	351.66	351.66		F	C P		calcareous mud



Sample	Top Depth [m]	Bottom Depth [m]	Description where smear slide taken	Mineral grain comment												Microfossil comment	Biogenic fragment comment	Complete lithology name
				Quartz	Stilpnomelane	Ilmenite	Titanite	Amphibole	Pyroxene	Augite	Diopside	Foram shells	Calcareous nannoplankton	Quartz	Total dolomitic			
339-U1391B-1H-5-A 20/20-Sandy/SiltyM	6.21	6.21		20	35	45	100	0	55	23	22	0		0	0			calcareous silty mud
339-U1391B-1H-5-A 26/26-Muddy	6.27	6.27		15	40	45	100	0	55	23	22	0						silty mud with biogenic carbonate
339-U1391B-3H-3-A 105/105-ForamRich?S.	23.05	23.05		55	25	20	100	0	30	30	40	0	A					calcareous silty sand
339-U1391B-10H-6-A 36/36-light grey mud	92.9	92.9		3	27	70	100	0	27	35	38	0	C	P	F			calcareous mud
339-U1391B-10H-6-A 80/80-green mud	93.34	93.34		5	27	68	100	0	25	30	35	10	C	P	F			calcareous mud



Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Calcareous mud	Siliceous mud	Organic-rich mud	Organic-rich silty mud	Organic-rich clay	Organic-rich dolomite	Dolomite	Calcareous dolomite	Calcareous dolomitic limestone	Calcareous limestone	Calcareous dolomitic sandstone	Calcareous sandstone	Calcareous dolomitic shale	Calcareous shale	Calcareous dolomitic siltstone	Calcareous siltstone	Calcareous dolomitic mud	Calcareous mud	Microfossil comment	Biogenic fragment comment	Complete lithology name
339-U1391C-14R-4-A 70/70-Mud	456.1	456.1																				C		calcareous mud
339-U1391C-15R-3-A 60/60-Mud	463.35	463.35		20	40	40	100	0	45	20	25	10										A		calcareous silty mud
339-U1391C-16R-1-A 80/80-Mud	470.8	470.8		5	30	65	100	0	45	30	25	0										C		calcareous mud
339-U1391C-17R-3-A 30/30-grey mud	483	483		10	25	65	100	0	25	35	40	0	C	P	P	P	F	P			A	F		calcareous mud
339-U1391C-18R-4-A 80/80-grey mud	494.3	494.3		10	22	68	100	0	28	37	35	0	C								C	P		calcareous mud
339-U1391C-18R-7-A 54/54-dark grey mud	498.55	498.55		5	25	70	100	0	32	32	36	0	C	P							C	P		calcareous mud
339-U1391C-19R-1-A 75/75-grey mud	499.35	499.35		10	30	60	100	0	30	35	35	0	F		P	P				C	F		calcareous mud	
339-U1391C-19R-3-A 75/75-grey mud	502.35	502.35		10	20	70	100	0	40	35	25	0	F	P		P	P			L	P		calcareous mud	
339-U1391C-20R-1-A 75/75-grey mud	508.85	508.85		5	20	75	100	0	50	25	25	0	C	P	P	P	P			C			calcareous mud	
339-U1391C-21R-1-A 80/80-light gray mud	518.5	518.5		15	20	65	100	0	10	20	30	40	F		F	P				C	P	A	biogenic mud	
339-U1391C-21R-6-A 80/80-dark green mud	526	526		5	25	70	100	0	25	35	40	0	C	P	P	P	F			C	F		calcareous mud	



Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Mineral grain comment	Sponge sps. & Hapalites abundance (%)	Bivalve shell fragments abundance (%)	Biogenic fragment comment	Complete lithology name
339-U1391C-23R-2-A 80/80-light grey mud	539.32	539.32		C	0	0		calcareous mud
339-U1391C-23R-4-A 85/85-greenish mud	542.37	542.37		C P P F P	0	0	P	calcareous mud
339-U1391C-24R-5-A 75/75-light mud	553.35	553.35		C P P F P	0	0	P	calcareous mud
339-U1391C-24R-7-A 34/34-dark mud	555.95	555.95		C P P F P	0	0	P	calcareous mud
339-U1391C-25R-2-A 130/130-lighter mud	559	559		C C F P	0	0	A P	calcareous mud
339-U1391C-25R-3-A 25/25-greenish mud	559.45	559.45		C P P F	0	0	P P	calcareous mud
339-U1391C-27R-5-A 58/58-grey mud	581.96	581.96		C P P F	0	0	P	calcareous mud
339-U1391C-28R-4-A 80/80-Mud	590.3	590.3		A A	2	2	C	calcareous mud
339-U1391C-28R-6-A 45/45-SiltyMud???	592.95	592.95			4	4	F	calcareous silty mud
339-U1391C-30R-5-A 85/85-GrayMud	611.05	611.05			1	1	R	calcareous mud
339-U1391C-31R-4-A 100/100-GreenishMud	619.3	619.3			7	7	C	calcareous mud



Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Sand texture [%]	Silt texture [%]	Clay texture [%]	Total texture [%]	Ash [%]	Siliciclastic [%]	Detrital carbonate [%]	Biogenic carbonate [%]	Biogenic silica [%]	Total composition [%]	Quartz abundance (name)	Clay minerals abundance (name)	Feldspar abundance (name)	Mica-biotite, muscovite abundance (name)	Heavy minerals abundance (name)	Opaques abundance (name)	Glaucocrite abundance (name)	Dolomite, authigenic abundance (name)	Calcite, authigenic abundance (name)	Mineral grain comment	Microfossil comment	Biogenic fragment comment	Complete lithology name
339-U1391C-31R-7-A 72/72-silty mud	623.23	623.23		10	30	60	100	0	45	20	25	10												C	calcareous silty mud	
339-U1391C-32R-7-A 2/2-mud	632.42	632.42		15	35	50	100	0	40	7	5	8												C	dolomite mudstone	
339-U1391C-32R-7-A 21/21-HardMud	632.61	632.61		5	30	65	100	0	55	20	20	5												F	mud with biogenic carbonate	
339-U1391C-33R-5-A 75/75-Mud	639.76	639.76		5	35	60	100	0	52	20	25	3												F	calcareous mud	
339-U1391C-34R-6-A 4/4-SiltyMud	650.14	650.14		17	28	55	100	0	39	16	24	21		F	P	P									silty mud with biogenic components	
339-U1391C-36R-3-A 70/70-GreenishMud	665.1	665.1		5	25	70	100	0	20	30	40	10		C	P	P	F								F	calcareous mud
339-U1391C-36R-4-A 74/74-GrayMud	667.04	667.04		3	25	72	100	0	20	30	45	5		F										P	biogenic mud	
339-U1391C-36R-6-A 66/66-SiltyMud	669.96	669.96		10	40	50	100	0	35	30	35	0		C	P		P									calcareous mud
339-U1391C-36R-CC-A	670.8	670.98		5	25	70	100	0	25	20	35	20		C		F									F	calcareous mud