Appendix H. UT-GOM2-2 Site H Index Properties Tables

This appendix contains moisture and density, grain size distribution, and grain density measurements of sediment from Site H using various methods as described in Expedition UT-GOM2-2 Methods (Flemings et al., 2025)

Contents

Moisture and Density of Split Core Plugs

Table 1. Moisture and density index properties of split core plug samples (sample code MDX). Measurements were made at Tufts University. A) Sample Jar Number; B) Sample location including Hole, Core, Section, and Piece. In the name, H= Geotek Advanced Piston Corer, X = Geotek Extended Core Barrel, CS = Pressure Coring Tool with Ball Valve (PCTB) in the cutting shoe configuration, and FB = PCTB in the face bit configuration; C) Depth of the top of the sample in the core section in centimeters. D) Archived measured depth of the top of the MDX sample in meters below the seafloor (mbsf); E) Compressed measured depth in mbsf; F) Wet (bulk) density; G) Water Content; H) Porosity calculated assuming a water saturation of 100% (S=100) and calculated using the measured water saturation (S=meas.); I) Water saturation.

Wet Density, Water Content, and Porosity of Split Core Plugs									
(A) Jar	(B) Sample Location	(C) Depth in Section	(D) Archived Depth	(E) Comp. Depth	(F) Wet Density	(G) Water Content	(H) Porosity		(I) Water Saturation
							S=100	S=meas.	
		(cm)	(mbsf)	(mbsf)	(g/cc)	(%)	(-)	(-)	(%)
A1	H003-01H-2a	88.5	2.36	2.36	2.030	18.67	0.337	0.370	86.5
A2	H003-01H-3a	59.5	3.60	3.60	1.995	19.81	0.350	0.387	85.5
A4	H003-01H-4a	44.5	4.95	4.95	1.519	86.79	0.702	0.700	101.0
A3	H003-01H-4a	57.0	5.07	5.07	1.548	86.01	0.701	0.693	103.4
A5	H003-01H-5a	69.0	6.69	6.69	1.563	76.46	0.675	0.674	100.7
A6	H003-01H-cc	15.5	7.52	7.52	1.588	71.18	0.659	0.658	100.5
A7	H003-02H-1a	13.0	8.36	8.34	1.667	57.88	0.612	0.611	100.2
A8	H003-02H-1a	65.0	8.88	8.78	1.567	76.17	0.674	0.672	101.0
A9	H003-02H-2a	13.0	9.86	9.61	1.631	63.41	0.633	0.632	100.3
A10	H003-02H-2a	50.5	10.23	9.93	1.663	60.93	0.624	0.620	101.8
A11	H003-02H-3a	13.0	11.36	10.89	1.693	59.09	0.616	0.608	103.6
A12	H003-02H-3a	63.0	11.86	11.31	1.609	61.79	0.627	0.634	97.1
A13	H003-02H-4a	13.0	12.86	12.16	1.625	58.82	0.615	0.623	96.8
A14	H003-02H-4a	63.0	13.36	12.58	1.625	55.60	0.602	0.615	94.5

Wet Density, Water Content, and Porosity of Split Core Plugs									
(A) Jar	(B) Sample Location	(C) Depth in Section	(D) Archived Depth	(E) Comp. Depth	(F) Wet Density	(G) Water Content	(H) Porosity		(I) Water Saturation
							S=100	S=meas.	
		(cm)	(mbsf)	(mbsf)	(g/cc)	(%)	(-)	(-)	(%)
A15	H003-02H-5a	12.0	14.35	13.43	1.574	61.78	0.627	0.642	93.9
A16	H003-02H-5a	63.0	14.86	13.86	1.657	54.69	0.598	0.605	96.9
A17	H003-02H-6a	12.0	15.85	14.70	1.451	83.90	0.695	0.709	93.5
A18	H003-02H-6a	69.5	16.42	15.19	1.518	74.19	0.669	0.679	95.4
A19	H003-02H-7a	17.5	17.40	16.02	1.530	71.44	0.660	0.671	95.1
A20	H003-02H-cc	13.0	18.02	16.54	1.547	78.04	0.680	0.680	99.9
A21	H003-03H-2a	21.5	20.26	19.98	1.659	56.68	0.607	0.610	98.5
A22	H003-03H-2a	73.0	20.77	20.41	1.650	57.90	0.612	0.615	98.6
A23	H003-03H-3a2	60.0	22.14	21.56	1.545	78.64	0.681	0.681	100.0
A24	H003-03H-4a	11.5	23.16	22.40	1.368	82.40	0.691	0.724	85.5
A25	H003-03H-4a	72.0	23.76	22.91	1.582	63.67	0.634	0.644	95.7
A26	H003-03H-5a	11.5	24.81	23.78	1.526	73.54	0.667	0.676	95.8
A27	H003-03H-5a	78.5	25.48	24.34	1.561	56.77	0.607	0.633	89.4
A28	H003-03H-6a	12.5	26.32	25.04	1.555	61.37	0.625	0.645	91.8
A29	H003-03H-6a	74.0	26.93	25.56	1.630	56.89	0.607	0.617	95.9
A30	H003-03H-7a	14.0	27.83	26.31	1.521	62.52	0.630	0.655	89.4
A31	H003-03H-7a	43.0	28.12	26.55	1.554	55.97	0.604	0.633	88.3
A32	H003-03H-cc	43.0	28.87	27.18	1.617	57.00	0.608	0.621	94.8
A33	H003-04CS-3a	22.5	29.35	29.21	1.907	21.35	0.367	0.421	79.8
A34	H003-05CS-1	29.0	30.47	30.45	1.514	77.23	0.677	0.685	96.5
A35	H003-05CS-2cde	47.0	31.75	31.64	1.321	81.99	0.690	0.733	81.4
A36	H003-06H-1	122.5	33.53	33.13	1.472	70.79	0.658	0.683	89.6
A37	H003-06H-2a	16.0	33.97	33.43	1.623	57.23	0.609	0.620	95.4
A38	H003-06H-2a	68.0	34.49	33.78	1.718	47.27	0.562	0.570	96.8
A39	H003-06H-3a	14.0	35.45	34.42	1.714	41.56	0.531	0.554	91.0
A40	H003-06H-3a	68.0	35.99	34.79	1.651	47.10	0.562	0.587	90.2
A41	H003-06H-4a	14.0	36.95	35.43	1.731	47.53	0.564	0.568	98.4
A42	H003-06H-4c	108.0	37.89	36.06	1.696	47.85	0.566	0.578	95.2
A43	H003-06H-5a	14.0	38.45	36.44	1.733	43.63	0.543	0.556	94.9
A44	H003-06H-5a	92.0	39.23	36.97	1.684	45.13	0.551	0.573	91.6
A45	H003-06H-6a1	35.0	40.16	37.59	1.753	44.09	0.545	0.552	97.3
A46	H003-06H-7	46.0	41.77	38.68	1.715	43.89	0.544	0.561	93.4
A47	H003-06H-cc	36.0	42.48	39.15	1.666	46.80	0.560	0.582	91.4
A48	H003-07H-1	23.0	39.55	39.52	1.754	45.86	0.555	0.557	99.2
A49	H003-07H-1	106.0	40.38	40.24	1.756	43.21	0.540	0.548	96.8
A50	H003-07H-2	53.0	41.35	41.07	1.716	46.30	0.557	0.568	95.8
A51	H003-07H-2	135.0	42.17	41.78	1.754	45.92	0.555	0.557	99.2
A52	H003-07H-3a	14.0	42.46	42.03	1.737	46.69	0.559	0.564	98.2

Wet Density, Water Content, and Porosity of Split Core Plugs									
(A) Jar	(B) Sample Location	(C) Depth in Section	(D) Archived Depth	(E) Comp. Depth	(F) Wet Density	(G) Water Content	(H) Porosity		(I) Water Saturation
							S=100	S=meas.	
		(cm)	(mbsf)	(mbsf)	(g/cc)	(%)	(-)	(-)	(%)
A53	H003-07H-4a	16.0	43.98	43.35	1.873	41.96	0.533	0.514	107.9
A54	H003-07H-4a	101.0	44.83	44.08	1.632	44.50	0.548	0.584	86.2
A55	H003-07H-5a	9.5	45.41	44.59	1.741	40.50	0.524	0.544	92.5
A56	H003-07H-6	19.0	46.79	45.77	1.713	44.75	0.549	0.564	94.1
A57	H003-07H-6	43.0	47.03	45.98	1.582	47.05	0.561	0.604	83.9
A58	H003-07H-cc	21.0	47.47	46.36	1.735	41.81	0.532	0.549	93.3
C7	H003-08CS-2	56.0	47.29	47.29	1.633	55.05	0.600	0.612	94.9
C8	H003-08CS-3a	26.0	48.19	48.19	1.665	50.86	0.580	0.594	94.7
A59	H003-09H-1a	27.0	49.95	49.89	1.717	46.22	0.557	0.567	95.8
A60	H003-09H-1a	83.0	50.51	50.33	1.778	41.35	0.529	0.537	97.0
A61	H003-09H-2a	15.5	51.34	50.98	1.767	42.76	0.538	0.544	97.4
A62	H003-09H-3a	16.0	52.50	51.90	1.804	39.77	0.520	0.525	98.0
A63	H003-09H-3a	98.0	53.32	52.54	1.765	41.23	0.529	0.540	95.7
A64	H003-09H-4a1	73.0	54.57	53.53	1.798	39.10	0.515	0.524	96.6
A65	H003-09H-5a	13.0	55.47	54.23	1.789	40.23	0.522	0.530	97.0
A66	H003-09H-6a	26.0	56.71	55.21	1.770	36.55	0.499	0.523	90.8
A67	H003-09H-6a	84.0	57.29	55.66	1.762	34.41	0.483	0.517	87.4
A68	H003-09H-cc	26.0	58.12	56.32	1.790	36.86	0.501	0.518	93.2
A69	H003-10H-1a1	17.0	56.86	56.84	1.771	41.36	0.529	0.539	96.4
A70	H003-10H-1a1	96.0	57.65	57.50	1.845	34.67	0.485	0.495	96.1
A71	H003-10H-2	17.0	58.36	58.10	1.813	35.67	0.492	0.508	94.0
A72	H003-10H-2	118.0	59.37	58.96	1.773	40.65	0.525	0.536	95.8
A73	H003-10H-3a	14.0	59.83	59.35	1.776	41.53	0.530	0.538	97.1
A74	H003-10H-4	11.0	60.78	60.15	1.814	38.44	0.511	0.517	97.5
A75	H003-10H-4	100.0	61.67	60.90	1.765	43.28	0.541	0.546	97.8
A76	H003-10H-5a	11.0	62.26	61.40	1.703	42.78	0.538	0.561	91.2
A77	H003-10H-6	12.0	63.64	62.57	1.781	43.05	0.539	0.541	99.2
A78	H003-10H-cc	36.0	64.72	63.48	1.677	50.84	0.580	0.591	95.9
A79	H003-11H-1a1	25.0	63.95	63.89	1.717	48.53	0.569	0.574	97.9
A80	H003-11H-1a1	85.0	64.55	64.35	1.704	44.87	0.550	0.567	93.3
A81	H003-11H-2a	15.0	66.33	65.70	1.598	63.52	0.633	0.640	97.2
A82	H003-11H-2a	84.5	67.03	66.23	1.679	57.29	0.609	0.607	100.9
A83	H003-11H-3a	16.0	67.84	66.85	1.591	56.04	0.604	0.624	91.7
A84	H003-11H-3a	63.0	68.31	67.20	1.630	56.23	0.605	0.616	95.4
A85	H003-11H-4a	16.0	68.67	67.48	1.576	58.48	0.614	0.634	91.9
A86	H003-11H-4a	70.0	69.21	67.89	1.663	54.84	0.599	0.605	97.6
A87	H003-11H-5a	15.5	70.22	68.65	1.690	52.79	0.589	0.593	98.7
A88	H003-11H-5a	70.0	70.76	69.06	1.727	50.78	0.580	0.578	100.8
A89	H003-11H-6a	30.0	71.81	69.86	1.743	48.86	0.571	0.569	100.8

Wet Density, Water Content, and Porosity of Split Core Plugs									
(A) Jar	(B) Sample Location	(C) Depth in Section	(D) Archived Depth	(E) Comp. Depth	(F) Wet Density	(G) Water Content	(H) Porosity		(I) Water Saturation
							S=100	S=meas.	
		(cm)	(mbsf)	(mbsf)	(g/cc)	(%)	(-)	(-)	(%)
A90	H003-11H-cca	30.0	72.54	70.41	1.614	51.37	0.583	0.607	90.4
A91	H003-12H-1	139.5	72.11	71.77	1.549	69.54	0.654	0.663	96.0
A92	H003-12H-2a	38.0	72.59	72.14	1.671	54.31	0.596	0.601	98.0
A93	H003-12H-2a	75.0	72.96	72.42	1.613	55.55	0.602	0.618	93.4
A94	H003-12H-3	50.0	74.21	73.37	1.676	48.41	0.568	0.584	93.8
A95	H003-12H-3	130.0	75.01	73.98	1.662	52.02	0.586	0.597	95.4
A96	H003-12H-4a	27.5	75.49	74.34	1.589	54.62	0.598	0.622	90.4
A97	H003-12H-4a	78.0	75.99	74.73	1.733	47.59	0.564	0.568	98.6
A98	H003-12H-5a	5.0	76.76	75.31	1.700	50.50	0.579	0.584	97.9
A99	H003-12H-6a	49.0	79.02	77.03	1.724	43.94	0.544	0.559	94.4
A100	H003-12H-cc	24.5	79.46	77.36	1.714	39.90	0.520	0.549	89.2
C9	H003-13CS-1	32.5	78.05	78.05	1.998	92.38	0.715		
B1	H003-14H-1a	33.5	81.11	81.04	1.643	56.26	0.605	0.613	96.7
B2	H003-14H-1a	132.5	82.10	81.84	1.708	46.89	0.561	0.572	95.5
B3	H003-14H-2a	12.5	82.45	82.13	1.790	39.07	0.515	0.526	95.8
B4	H003-14H-2a	60.0	82.92	82.51	1.805	37.76	0.507	0.517	95.8
B5	H003-14H-3a2	50.5	84.24	83.58	1.799	36.92	0.501	0.516	94.1
B6	H003-14H-3a2	122.0	84.95	84.15	1.757	36.96	0.501	0.528	90.0
B7	H003-14H-4a	18.0	85.42	84.53	1.867	37.59	0.506	0.500	102.2
B8	H003-14H-4a	120.0	86.44	85.36	1.809	35.37	0.490	0.508	93.3
B9	H003-14H-5a	15.5	86.90	85.73	1.750	36.24	0.496	0.527	88.5
B10	H003-14H-5a	68.0	87.42	86.15	1.811	33.73	0.478	0.501	91.3
B11	H003-14H-6a	41.0	88.05	86.66	1.801	35.37	0.490	0.510	92.4
B12	H003-14H-7	14.0	89.13	87.54	1.856	33.08	0.474	0.486	95.0
B13	H003-14H-cc	15.0	89.52	87.85	1.804	33.15	0.474	0.501	89.8
B14	H003-14H-cc	67.0	90.04	88.27	1.824	34.71	0.486	0.501	93.9
B15	H003-16H-1a	33.0	91.77	91.70	1.834	38.59	0.512	0.513	99.8
B16	H003-16H-1a	73.0	92.17	92.01	1.764	39.53	0.518	0.534	93.6
B17	H003-16H-2	33.0	93.53	93.07	1.866	32.00	0.465	0.479	94.6
B18	H003-16H-2	132.0	94.52	93.85	1.702	35.83	0.494	0.538	83.6
B19	H003-16H-3a	39.5	95.10	94.29	1.693	38.56	0.512	0.550	85.9
B20	H003-16H-3c	139.5	96.10	95.08	1.813	38.57	0.512	0.518	97.5
B21	H003-16H-4a	19.5	96.40	95.31	1.753	36.58	0.499	0.527	89.2
B22	H003-16H-4a	97.5	97.18	95.92	1.754	36.22	0.496	0.526	88.9
B23	H003-16H-5	16.0	98.29	96.79	1.787	34.97	0.487	0.512	90.5
B24	H003-16H-5	60.0	98.73	97.13	1.753	36.02	0.495	0.525	88.5
B25	H003-16H-cca	15.0	99.09	97.41	1.737	35.71	0.493	0.528	86.7
B26	H003-16H-ccc	62.0	99.56	97.78	1.828	37.77	0.507	0.511	98.2
B27	H003-17H-1a	42.5	98.27	98.16	1.798	35.78	0.493	0.512	92.7

Wet Density, Water Content, and Porosity of Split Core Plugs									
(A) Jar	(B) Sample Location	(C) Depth in Section	(D) Archived Depth	(E) Comp. Depth	(F) Wet Density	(G) Water Content	(H) Porosity		(I) Water Saturation
							S=100	S=meas.	
		(cm)	(mbsf)	(mbsf)	(g/cc)	(%)	(-)	(-)	(%)
B28	H003-17H-2a	18.0	98.71	98.49	1.838	34.36	0.483	0.496	94.9
B29	H003-17H-2a	38.0	98.91	98.63	1.906	33.84	0.479	0.475	101.6
B30	H003-17H-3b1	14.0	100.33	99.69	1.799	35.87	0.494	0.512	92.9
B31	H003-17H-3b1	76.0	100.95	100.15	1.749	39.52	0.518	0.538	92.2
B32	H003-17H-4a	34.0	102.03	100.95	1.753	38.06	0.509	0.532	91.0
B33	H003-17H-4a	84.5	102.54	101.32	1.746	37.76	0.507	0.533	89.9
B34	H003-17H-5	38.0	104.07	102.46	1.829	38.92	0.514	0.515	99.6
B35	H003-17H-5	98.0	104.67	102.91	1.672	48.96	0.571	0.587	93.8
B36	H003-17H-6a	23.5	105.43	103.47	1.611	48.94	0.571	0.602	88.2
B37	H003-17H-cc	7.5	105.84	103.77	1.596	56.20	0.605	0.624	92.3
B38	H003-18H-1a1	115.0	105.39	105.05	1.630	54.89	0.599	0.612	94.5
B39	H003-18H-1a1	183.0	106.07	105.52	1.683	54.78	0.598	0.600	99.5
B40	H003-18H-2a	9.5	106.41	105.76	1.407	54.30	0.596	0.664	74.7
B41	H003-18H-2a	44.0	106.75	106.00	1.642	52.92	0.590	0.605	94.2
B42	H003-18H-3a	11.5	107.94	106.83	1.637	54.09	0.595	0.609	94.6
B43	H003-18H-3a	100.0	108.82	107.45	1.588	55.00	0.599	0.623	90.7
B44	H003-18H-4	33.0	109.65	108.03	1.698	38.68	0.513	0.549	86.5
B45	H003-18H-4	111.0	110.43	108.57	1.721	42.83	0.538	0.556	92.9
B46	H003-18H-5a	36.0	110.93	108.92	1.752	37.02	0.502	0.529	89.6
B47	H003-18H-6	60.0	112.79	110.23	1.654	38.33	0.510	0.560	82.1
B48	H003-18H-cc	47.0	113.39	110.65	1.674	37.78	0.507	0.552	83.3
B49	H003-18H-cc	72.0	113.64	110.82	1.755	37.53	0.505	0.530	90.5
C10	H003-19CS-3c	74.0	111.76	111.66	1.636	59.05	0.616	0.621	97.9
C11	H003-19CS-4	33.0	112.48	112.30	1.624	56.17	0.604	0.617	94.9
C12	H003-19CS-5a	12.5	113.47	113.17	1.611	57.02	0.608	0.622	94.2
B51	H003-20H-1a	37.0	114.37	114.31	1.785	40.61	0.525	0.533	97.0
B50	H003-20H-1a	77.0	114.77	114.65	1.726	39.34	0.517	0.544	89.7
B52	H003-20H-2a	18.5	115.28	115.08	1.736	40.87	0.526	0.546	92.4
B53	H003-20H-2a	82.5	115.92	115.62	1.743	37.29	0.504	0.532	89.1
B55	H003-20H-3	20.0	117.15	116.65	1.961	36.02	0.495	0.469	111.0
B54	H003-20H-3	86.0	117.81	117.21	1.689	35.25	0.489	0.540	81.7
B56	H003-20H-4	19.0	118.64	117.91	1.774	34.26	0.482	0.513	88.4
B57	H003-20H-4	75.0	119.20	118.38	1.826	32.69	0.471	0.493	91.4
B58	H003-20H-5a1	28.0	119.66	118.77	1.847	33.07	0.474	0.489	94.1
B59	H003-20H-6	9.0	120.97	119.88	1.903	31.05	0.458	0.465	97.1
B60	H003-20H-6	82.0	121.70	120.49	1.817	31.86	0.464	0.492	89.3
B61	H003-20H-6	127.0	122.15	120.87	1.777	31.50	0.461	0.502	84.9
B62	H003-20H-cc	41.0	122.79	121.41	1.750	32.42	0.469	0.513	83.6
B63	H003-21H-1a1	44.0	122.06	122.00	1.833	36.00	0.495	0.504	96.5

Wet Density, Water Content, and Porosity of Split Core Plugs									
(A) Jar	(B) Sample Location	(C) Depth in Section	(D) Archived Depth	(E) Comp. Depth	(F) Wet Density	(G) Water Content	(H) Porosity		(I) Water Saturation
							S=100	S=meas.	
		(cm)	(mbsf)	(mbsf)	(g/cc)	(%)	(-)	(-)	(%)
B64	H003-21H-1a3	114.0	122.76	122.62	1.903	33.31	0.475	0.474	100.5
B65	H003-21H-2a	23.0	123.35	123.14	1.864	33.95	0.480	0.488	97.1
B66	H003-21H-2a	121.0	124.33	124.01	1.896	32.32	0.468	0.472	98.3
B67	H003-21H-3a	14.0	124.76	124.38	1.978	37.62	0.506	0.471	115.1
B68	H003-21H-4	13.0	126.25	125.70	1.874	34.10	0.481	0.485	98.4
B69	H003-21H-4	129.0	127.41	126.72	1.676	40.02	0.521	0.559	85.9
B70	H003-21H-5	62.0	128.24	127.45	1.855	33.24	0.475	0.487	95.2
B71	H003-21H-6a	33.0	128.65	127.82	1.934	32.21	0.467	0.461	102.4
B72	H003-21H-7	9.0	129.75	128.79	1.881	34.54	0.484	0.485	99.7
B73	H003-21H-cc	9.0	130.09	129.09	1.813	38.55	0.512	0.518	97.5
B74	H003-22H-1	20.0	129.44	129.44	1.841	39.09	0.515	0.513	101.1
B75	H003-22H-1	128.0	130.52	130.52	1.817	38.40	0.511	0.517	97.8
B76	H003-22H-2a1	10.5	130.84	130.84	1.807	39.41	0.517	0.523	97.9
B77	H003-22H-2a2	68.5	131.42	131.42	1.851	37.16	0.503	0.503	99.9
B78	H003-22H-3	19.0	132.43	132.43	1.910	34.28	0.482	0.476	102.6
B79	H003-22H-3	133.0	133.57	133.57	1.929	33.34	0.476	0.467	103.4
B80	H003-22H-4a2	38.0	134.10	134.10	1.883	34.28	0.483	0.483	99.6
B81	H003-22H-4a2	83.0	134.55	134.55	1.951	29.99	0.449	0.447	100.8
B82	H003-22H-5	22.5	135.44	135.44	1.898	33.83	0.479	0.478	100.6
B83	H003-22H-5	89.5	136.11	136.11	1.859	32.59	0.470	0.484	94.7
B84	H003-22H-cc	11.0	136.40	136.40	1.900	30.51	0.454	0.464	95.9
B85	H003-23H-1a	26.0	137.12	137.08	1.974	29.23	0.443	0.437	102.3
B86	H003-23H-1a	69.0	137.55	137.45	1.394	34.58	0.485	0.618	58.0
B87	H003-23H-2a	20.0	138.72	138.46	1.796	27.96	0.432	0.483	81.4
B71A	H003-23H-3a	33.0	140.90	140.34	1.865	32.12	0.466	0.480	94.6
B72A	H003-23H-4a	26.0	141.76	141.08	1.873	33.07	0.474	0.481	96.9
B73A	H003-23H-5	10.0	143.20	142.32	1.947	30.13	0.450	0.449	100.6
B74A	H003-23H-5	82.0	143.92	142.94	1.895	31.77	0.464	0.470	97.3
B75A	H003-23H-6	11.0	144.66	143.58	1.879	30.26	0.452	0.469	93.3
B76A	H003-23H-6	45.0	145.00	143.87	1.877	31.27	0.460	0.473	94.6
B77A	H003-23H-cc	19.0	145.38	144.20	1.843	32.33	0.468	0.487	92.7
C13	H003-24CS-2	55.5	145.09	145.02	1.678	52.56	0.588	0.595	97.3
C67	H003-24cs-3	8.0	145.56	145.43	1.539	53.41	0.592	0.631	85.1
C14	H003-24CS-5a	25.0	147.13	146.81	1.721	50.46	0.578	0.579	99.9
B88	H003-25H-10	13.0	156.54	154.09	1.908	34.83	0.487	0.479	103.2
B89	H003-25H-10	50.0	156.91	154.36	1.747	45.54	0.553	0.558	98.1
B78A	H003-25H-3	21.5	150.49	149.68	1.685	49.57	0.574	0.585	95.6
B79A	H003-25H-4	32.5	151.09	150.12	1.722	46.14	0.557	0.566	96.2
B80A	H003-25H-5a	60.0	152.01	150.79	1.822	40.17	0.522	0.521	100.3

Wet Density, Water Content, and Porosity of Split Core Plugs									
(A) Jar	(B) Sample Location	(C) Depth in Section	(D) Archived Depth	(E) Comp. Depth	(F) Wet Density	(G) Water Content	(H) Porosity		(I) Water Saturation
							S=100	S=meas.	
		(cm)	(mbsf)	(mbsf)	(g/cc)	(%)	(-)	(-)	(%)
B81A	H003-25H-6a	15.0	152.52	151.16	1.859	33.22	0.475	0.486	95.5
B82A	H003-25H-6c	77.5	153.15	151.62	1.752	35.90	0.494	0.525	88.3
B83A	H003-25H-7a	27.0	153.69	152.01	1.774	33.96	0.480	0.512	88.0
B85A	H003-25H-8b	27.0	154.71	152.76	1.892	34.35	0.483	0.481	100.7
B84A	H003-25H-8b	84.5	155.29	153.18	1.866	32.08	0.466	0.480	94.7
B86A	H003-25H-9a	9.0	155.73	153.5	1.794	32.15	0.466	0.500	87.4
B87A	H003-25H-9b	60.0	156.24	153.87	1.766	31.52	0.462	0.506	83.8
B90	H003-25H-cc	19.0	157.49	154.78	1.789	32.64	0.470	0.503	87.6
B91	H003-25H-cc	51.5	157.82	155.02	1.895	33.13	0.474	0.476	99.3
B92	H003-26X-1a	62.0	279.21	279.21	1.961	28.45	0.436	0.438	99.4
B93	H003-26X-1a	121.0	279.80	279.80	1.985	28.98	0.441	0.433	103.2
B94	H003-26X-2	37.0	280.28	280.28	1.932	27.97	0.432	0.444	95.3
B95	H003-26X-2	106.0	280.97	280.97	1.959	28.38	0.436	0.438	99.0
B96	H003-26X-3a	34.0	281.59	281.59	1.945	28.95	0.441	0.444	98.4
B97	H003-26X-3a	49.0	281.74	281.74	1.936	29.50	0.445	0.449	98.3
B98	H003-26X-4a	19.0	282.19	282.19	1.930	28.40	0.436	0.446	95.8
B99	H003-26X-4a	47.0	282.47	282.47	1.998	26.82	0.422	0.420	100.9
C1	H003-26X-5a	58.5	283.95	283.95	1.990	27.42	0.427	0.425	101.0
C2	H003-26X-5a	118.0	284.55	284.55	2.009	27.10	0.424	0.418	102.7
C3	H003-26X-6a	14.0	284.97	284.97	1.998	26.03	0.415	0.416	99.3
C4	H003-26X-6a	44.0	285.27	285.27	1.904	31.18	0.459	0.466	97.4
C5	H003-26X-7c	44.0	286.42	286.42	2.009	24.76	0.402	0.407	98.2
C6	H003-26X-cc	31.0	286.83	286.83	2.073	23.53	0.390	0.382	103.5
C60	H003-27cs-3	8.0	288.46	288.46	1.524	21.27	0.366	0.537	49.9
C15	H003-27CS-4a	11.0	288.69	288.69	2.051	23.36	0.389	0.388	100.3
C16	H003-27CS-5a	33.0	289.75	289.75	2.043	21.97	0.374	0.383	96.2
C56	H003-28cs-1a	10.0	290.88	290.88	2.027	23.16	0.386	0.394	96.9
C57	H003-28cs-1c	56.0	291.34	291.34	2.015	21.57	0.370	0.389	92.0
C61	H003-29cs-4	10.5	295.53	295.53	1.768	21.86	0.373	0.466	68.2
C17	H003-29CS-3c	57.0	295.35	295.35	1.920	25.44	0.409	0.436	89.4
C18	H003-29CS-5a	13.5	295.76	295.76	2.027	23.96	0.395	0.398	98.7
C19	H002-01FB-1b	41.0	645.06	645.06	2.013	27.42	0.427	0.418	103.7
C62	H002-02fb-2	6.5	674.43	674.43	1.675	36.08	0.495	0.547	81.4
C55	H002-02fb-4	15.0	675.28	675.28	1.745	25.46	0.409	0.488	72.7
C63	H002-02fb-5	10.0	675.43	675.43	1.875	15.38	0.295	0.401	62.4
C20	H002-03FB-2a	2.0	677.39	677.39	1.724	39.01	0.515	0.543	89.2
C21	H0020-4FB-1a	7.0	680.38	680.38	1.853	41.60	0.531	0.518	105.3
C22	H002-04FB-2a	9.0	681.06	681.06	1.838	34.08	0.481	0.495	94.6
C23	H002-04FB-2a	32.0	681.29	681.29	1.884	21.47	0.369	0.429	77.8

Wet Density, Water Content, and Porosity of Split Core Plugs									
(A) Jar	(B) Sample Location	(C) Depth in Section	(D) Archived Depth	(E) Comp. Depth	(F) Wet Density	(G) Water Content	(H) Porosity		(I) Water Saturation
							S=100	S=meas.	
		(cm)	(mbsf)	(mbsf)	(g/cc)	(%)	(-)	(-)	(%)
C24	H002-04FB-3a	3.0	681.70	681.70	1.788	35.48	0.491	0.514	91.3
C25	H002-04FB-4a	22.0	682.47	682.47	1.894	32.73	0.471	0.474	98.6
C26	H002-04FB-4a	44.5	682.70	682.70	1.774	23.24	0.387	0.470	71.3
C27	H002-05CS-3c	46.5	802.47	802.47	1.987	24.44	0.399	0.412	94.9
C58	H002-05cs-4	14.5	802.67	802.67	1.941	19.24	0.344	0.400	78.3
C53	H002-06cs-2a	7.0	803.62	803.62	1.996	28.31	0.435	0.427	103.3
C54	H002-06cs-2c	27.0	803.82	803.82	1.930	26.52	0.419	0.438	92.5
C28	H002-06CS-5a	3.5	805.64	805.64	2.052	24.42	0.399	0.393	102.8
C59	H002-06cs-6	8.5	806.04	806.04	1.972	17.46	0.322	0.382	76.9
C64	H002-08cs-2	9.0	810.64	810.64	1.634	23.61	0.391	0.513	60.9
C29	H002-08CS-3a1	20.0	810.95	810.95	1.960	24.23	0.397	0.419	91.4
C30	H002-08CS-3a1	29.0	811.04	811.04	2.005	28.61	0.438	0.426	105.0
C31	H002-09CS-1a	8.0	812.68	812.67	1.950	29.91	0.449	0.447	100.6
C32	H002-09CS-1a	60.0	813.20	813.13	1.939	32.03	0.466	0.459	102.7
C33	H002-09CS-2a	7.5	813.67	813.55	1.923	26.35	0.417	0.439	91.5
C34	H002-09CS-3a1	13.5	814.31	814.12	1.676	20.39	0.357	0.487	58.3
C35	H002-09CS-4b	15.0	815.26	814.97	2.070	23.25	0.387	0.381	102.6
C36	H002-09CS-4b	66.5	815.77	815.43	1.949	21.89	0.373	0.411	85.2
C65	H002-10cs-2	15.5	816.84	816.71	2.007	20.77	0.361	0.388	89.1
C66	H002-11cs-1	8.0	818.77	818.76	1.863	24.12	0.396	0.447	81.1
C37	H002-12CS-1a	6.0	821.80	821.79	2.075	23.96	0.395	0.383	104.8
C38	H002-12CS-1a	61.0	822.35	822.28	1.904	22.16	0.376	0.426	81.3
C39	H002-12CS-2a	7.5	823.13	822.96	2.033	23.57	0.391	0.394	98.6
C40	H002-12CS-3a1	16.5	824.35	824.03	2.057	22.78	0.383	0.383	99.9
C41	H002-12CS-3a1	54.5	824.73	824.36	1.945	22.13	0.376	0.414	85.4
C42	H002-13CS-1a3	31.0	825.10	825.06	1.918	24.86	0.403	0.434	88.1
C43	H002-13CS-1c	73.5	825.52	825.44	1.997	25.26	0.407	0.413	97.7
C44	H002-13CS-2a	15.0	826.73	826.51	1.996	21.94	0.374	0.397	90.6
C45	H002-13CS-2a	65.0	827.23	826.95	1.775	22.68	0.382	0.467	70.3
C46	H002-13CS-3a	14.5	827.78	827.44	1.965	21.46	0.369	0.404	86.1
C47	H002-14CS-1c	50.0	845.10	845.04	1.955	22.23	0.377	0.411	86.7
C48	H002-14CS-2a	33.0	845.77	845.64	2.057	23.85	0.393	0.388	102.2
C49	H002-14CS-3a3	34.0	847.08	846.80	1.996	21.94	0.374	0.397	90.6
C50	H002-14CS-3a3	86.5	847.61	847.26	1.905	22.76	0.382	0.428	82.6
C51	H002-15CS-1a	14.5	858.46	858.46	1.858	28.30	0.435	0.467	87.9
C52	H002-15CS-2a1	6.5	859.15	859.15	1.915	21.12	0.365	0.418	80.1

Whole Round Depths

Table 2. Location and depth of the whole round samples. A) Whole round samples cut from core sections in Salt Lake City, Utah. Two types were cut: one for moisture and density (sample code MDW), and one for geomechanics (sample code GEOM). Almost all MDWs were cut into two smaller whole rounds at Tufts University; B) Sample location including Hole, Core, Section, and Piece. In the name, H= Geotek Advanced Piston Corer, X = Geotek Extended Core Barrel, CS = Pressure Coring Tool with Ball Valve (PCTB) in the cutting shoe configuration, and FB = PCTB in the face bit configuration; C) MDW or GEOM top depth in section in centimeters; D) MDW or GEOM bottom depth in section in centimeters; E) Constant rate of strain sample cut from MDW (sample code CRS) top depth in section in centimeters; F) CRS bottom depth in section in centimeters; G) Smaller moisture and density whole round (sample code MAD) top depth in section in centimeters; H) MAD bottom depth in section in centimeters; I) MAD middle depth in section in centimeters.

(A) Whole Round Sample	(B) Sample Location	(C) Depth in Section, top	(D) Depth in Section, bottom	(E) CRS Depth in Section, top	(F) CRS Depth in Section, bottom	(G) MAD Depth in Section, top	(H) MAD Depth in Section, bottom	(I) MAD Depth in Section, middle
		(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)
MDW	H003-01H-1b	95	115	n/a	n/a	95	115	105
MDW	H003-01H-2b	95	115	n/a	n/a	95	115	105
MDW	H003-01H-3b	95	115	n/a	n/a	95	115	105
MDW	H003-01H-4b	95	115	95	100	100	115	107.5
MDW	H003-01H-5b	81	101	96	101	81	96	88.5
MDW	H003-02H-1b	100	120	100	105	105	120	112.5
MDW	H003-02H-2b	100	120	115	120	100	115	107.5
MDW	H003-02H-3b	100	120	100	105	105	120	112.5
MDW	H003-02H-4b	100	120	115	120	100	115	107.5
MDW	H003-02H-5b	100	120	100	105	105	120	112.5
MDW	H003-02H-6b	100	120	115	120	100	115	107.5
MDW	H003-03H-1b	66	86	66	71	71	86	78.5
MDW	H003-03H-2b	90	110	105	110	90	105	97.5
MDW	H003-03H-3b	90	110	90	95	95	110	102.5
MDW	H003-03H-4b	90	110	105	110	90	105	97.5
MDW	H003-03H-5b	90	110	105	110	90	105	97.5
MDW	H003-03H-6b	90	110	105	110	90	105	97.5
MDW	H003-06H-2b	90	110	90	95	95	110	102.5
MDW	H003-06H-3b	80	100	95	100	80	95	87.5
MDW	H003-06H-6b	90	110	105	110	90	105	97.5
MDW	H003-07H-3b1	38	58	38	43	43	58	50.5
MDW	H003-07H-5b1	41	61	41	46	46	61	53.5
MDW	H003-08CS-3c	58	78	73	78	58	73	65.5
MDW	H003-09H-2b1	31	51	31	36	36	51	43.5
MDW	H003-09H-5b	50	70	65	70	50	65	57.5
MDW	H003-10H-3b1	25	45	40	45	25	40	32.5
MDW	H003-10H-5b1	48	68	48	53	53	68	60.5
MDW	H003-11H-1b	123	143	138	143	123	138	130.5
MDW	H003-11H-4b	90	110	103	110	90	103	96.5
MDW	H003-12H-2b	90	110	105	110	90	105	97.5
MDW	H003-12H-5b	122	142	137	142	122	137	129.5

(A) Whole Round Sample	(B) Sample Location	(C) Depth in Section, top	(D) Depth in Section, bottom	(E) CRS Depth in Section, top	(F) CRS Depth in Section, bottom	(G) MAD Depth in Section, top	(H) MAD Depth in Section, bottom	(I) MAD Depth in Section, middle
		(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)
MDW	H003-14H-2b	71	91	71	76	76	91	83.5
MDW	H003-14H-6b1	52	72	67	72	52	67	59.5
MDW	H003-16H-1b	85	110	100	110	85	100	92.5
MDW	H003-16H-4b	127	147	n/a	n/a	127	147	137.0
MDW	H003-17H-2b1	76	94	76	81	81	94	87.5
MDW	H003-17H-4b	133	154	148	154	133	148	140.5
MDW	H003-18H-2b1	70	90	85	90	70	85	77.5
MDW	H003-18H-5b	90	110	90	95	95	110	102.5
MDW	H003-19CS-5c	40	60	40	45	45	60	52.5
MDW	H003-20H-2b	117	137	117	122	122	137	129.5
MDW	H003-20H-5b	90	110	105	110	90	105	97.5
MDW	H003-21H-3b	85	107	97	107	85	97	91.0
MDW	H003-21H-6b	74	94	89	94	74	89	81.5
MDW	H003-22H-2b	90	110	105	110	90	105	97.5
MDW	H003-22H-4b	90	110	105	110	90	105	97.5
MDW	H003-23H-2b	99	120	115	120	99	115	107.0
MDW	H003-23H-4b	79	100	79	84	84	100	92.0
MDW	H003-24CS-5c	43	63	43	48	48	63	55.5
MDW	H003-25H-7b	55	75	55	60	60	75	67.5
MDW	H003-26X-4b	77	97	89	97	77	89	83.0
MDW	H003-26X-6b	57	81	73	81	57	73	65.0
MDW	H003-27CS-4b	19	37	19	24	24	37	30.5
GEOM	H003-01H-4a2	67	95	-	-	-	-	-
GEOM	H003-03H-3a1	0	30	-	-	-	-	-
GEOM	H003-04CS-3b	50	75	-	-	-	-	-
GEOM	H003-06H-4b	73	89	-	-	-	-	-
GEOM	H003-07H-4b	120	150	-	-	-	-	-
GEOM	H003-08CS-3b	38	58	-	-	-	-	-
GEOM	H003-09H-4a2	82	113	-	-	-	-	-
GEOM	H003-10H-1a2	106	136	-	-	-	-	-
GEOM	H003-11H-5b	120	145	-	-	-	-	-
GEOM	H003-12H-6b	7	37	-	-	-	-	-
GEOM	H003-14H-3a1	0	32	-	-	-	-	-
GEOM	H003-16H-3b	67	97	-	-	-	-	-
GEOM	H003-16H-CCb	31	42	-	-	-	-	-
GEOM	H003-17H-3b1b	36	60	-	-	-	-	-
GEOM	H003-19CS-3b	35	63	-	-	-	-	-
GEOM	H003-20H-5a2	62	90	-	-	-	-	-
GEOM	H003-21H-1a2	78	109	-	-	-	-	-
GEOM	H003-22H-4a1	0	32	-	-	-	-	-

(A) Whole Round Sample	(B) Sample Location	(C) Depth in Section, top	(D) Depth in Section, bottom	(E) CRS Depth in Section, top	(F) CRS Depth in Section, bottom	(G) MAD Depth in Section, top	(H) MAD Depth in Section, bottom	(I) MAD Depth in Section, middle
		(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)
GEOM	H003-25H-6b	40	70	-	-	-	-	-
GEOM	H003-26X-7b	10	36	-	-	-	-	-
GEOM	H003-28CS-1b	29	36	-	-	-	-	-
GEOM	H003-29CS-3b	21	46	-	-	-	-	-
GEOM	H003-29CS-5b	25	45	-	-	-	-	-
GEOM	H002-01FB-1a2	11	15	-	-	-	-	-
GEOM	H002-04FB-4a2	10	15	-	-	-	-	-
GEOM	H002-05CS-3a	0	9	-	-	-	-	-
GEOM	H002-06CS-2b	13	20	-	-	-	-	-
GEOM	H002-08CS-3a2	43	51	-	-	-	-	-
GEOM	H002-09CS-3a2	60	66	-	-	-	-	-
GEOM	H002-12CS-3a2	77	89	-	-	-	-	-
GEOM	H002-13CS-1a2	17	24	-	-	-	-	-
GEOM	H002-14CS-3a2	14	19	-	-	-	-	-
GEOM	H002-15CS-2a2	27	34	-	-	-	-	-

Moisture and Density of Whole Rounds

Table 3. Moisture and density index properties of whole round and whole round subsamples. Measurements were performed at Tufts University. A) MAD sample location including Hole, Core, Section, and Piece (Table 2). In the name, H= Geotek Advanced Piston Corer, X = Geotek Extended Core Barrel, and CS = Pressure Coring Tool with Ball Valve in the cutting shoe configuration. B) MAD depth in section of the middle of the sample in centimeters; C) MAD archived measured depth of the middle of the sample in meters below the seafloor (mbsf); D) MAD compressed measured depth of the middle of the sample in mbsf; E) MAD wet (bulk) density. Measured were made on MAD before subsampling; F) Plug wet (bulk) density. The plug was taken from the center of the MAD whole round; G) Wedge water content. Wedge was sliced from the full length of the MAD whole round; H) Plug water content; I) Blended sediment water content. The blended material was collected from the full length of the MAD whole round; J) Plug porosity assuming a water saturation of 100%; K) Plug porosity calculated using the measured water saturation; L) MAD porosity assuming a water saturation of 100%; M) MAD porosity calculated using the measured water saturation; N) Plug water saturation; O) MAD water saturation. Measured were made on MAD before subsampling.

(A) MAD Sample Location	(B) MAD Depth in Section, middle	(C) MAD Archived Depth, middle	(D) MAD Comp. Depth, middle	(E) MAD Wet Density	(F) Plug Wet Density	(G) Wedge Water Content	(H) Plug Water Content	(I) Blended Water Content	(J) Plug Porosity (S=100)	(K) Plug Porosity (S=meas.)	(L) MAD Porosity (S=100)	(M) MAD Porosity (S=meas.)	(N) Plug Water Sat.	(O) MAD Water Sat.
	(cm)	(mbsf)	(mbsf)	(g/cm3)	(g/cm3)	(%)	(%)	(%)	(-)	(-)	(-)	(-)	(%)	(%)
H003-01H-4B	107.5	5.6	5.6	1.553	1.496	74.10	85.17	78.07	0.698	0.702	0.680	0.671	98.1	98.6
H003-01H-5B	88.5	6.9	6.9	1.726	1.767	53.91	61.25	56.42	0.625	0.596	0.605	0.587	112.7	103.2
H003-02H-1B	112.5	9.4	9.2	1.617	1.538	66.54	76.41	66.15	0.675	0.679	0.643	0.642	98.3	100.7

(A) MAD Sample Location	(B) MAD Depth in Section, middle	(C) MAD Archived Depth, middle	(D) MAD Comp. Depth, middle	(E) MAD Wet Density	(F) Plug Wet Density	(G) Wedge Water Content	(H) Plug Water Content	(I) Blended Water Content	(J) Plug Porosity (S=100)	(K) Plug Porosity (S=meas.)	(L) MAD Porosity (S=100)	(M) MAD Porosity (S=meas.)	(N) Plug Water Sat.	(O) MAD Water Sat.
	(cm)	(mbsf)	(mbsf)	(g/cm3)	(g/cm3)	(%)	(%)	(%)	(-)	(-)	(-)	(-)	(%)	(%)
H003-02H-2B	107.5	10.8	10.4	1.697	1.721	55.09	52.63	55.05	0.589	0.585	0.600	0.597	101.7	101.2
H003-02H-3B	112.5	12.4	11.7	1.570	1.687	54.15	53.47	55.71	0.593	0.595	0.602	0.625	98.9	88.5
H003-02H-4B	107.5	13.8	13.0	1.436	1.372	83.31	82.65	84.36	0.692	0.723	0.696	0.712	86.0	91.9
H003-02H-5B	112.5	15.4	14.3	1.525	1.572	70.48	70.97	71.29	0.659	0.661	0.660	0.671	98.9	94.2
H003-02H-6B	107.5	16.8	15.5	1.522	1.621	65.71	63.30	65.59	0.633	0.634	0.641	0.662	99.2	91.4
H003-03H-1B	78.5	19.4	19.3	1.519	2.149	59.94	63.44	60.76	0.633	0.516	0.623	0.650	162.0	87.7
H003-03H-2B	97.5	21.0	20.6	1.647	1.671	53.18	57.38	56.77	0.609	0.609	0.607	0.604	100.3	94.8
H003-03H-3B	102.5	22.6	21.9	1.471	1.554	71.78	71.81	70.81	0.661	0.667	0.658	0.685	97.6	89.9
H003-03H-4B	97.5	24.0	23.1	1.415	1.537	66.13	67.50	64.96	0.647	0.662	0.639	0.686	93.8	82.2
H003-03H-5B	97.5	25.7	24.5	1.468	1.945	59.51	58.69	59.49	0.615	0.549	0.618	0.661	131.3	83.0
H003-03H-6B	97.5	27.2	25.8	1.483	1.842	58.33	56.90	57.15	0.607	0.568	0.609	0.655	117.9	83.5
H003-06H-2B	102.5	34.8	34.0	1.599	1.676	36.31	43.45	38.01	0.542	0.570	0.508	0.568	89.3	75.1
H003-06H-3B	87.5	36.2	34.9	1.530	1.677	47.18	49.54	47.81	0.574	0.587	0.565	0.617	94.8	79.6
H003-06H-6B	97.5	40.8	38.0	1.639	1.774	44.60	46.08	44.07	0.556	0.553	0.545	0.582	101.4	87.0
H003-07H-5B1	53.5	45.9	45.0	1.763	1.819	38.31	34.79	35.96	0.486	0.503	0.494	0.530	93.5	92.3
H003-07H-3B1	50.5	42.8	42.4	1.690	1.649	45.24	42.96	44.25	0.539	0.575	0.546	0.571	86.3	92.3
H003-08CS-3C	65.5	48.6	48.6	1.633	1.756	52.08	53.78	54.49	0.594	0.579	0.597	0.604	106.2	92.7
H003-09H-2B1	43.5	51.6	51.2	1.740	1.791	40.66	40.26	40.88	0.523	0.530	0.526	0.544	97.2	92.6
H003-09H-5B	57.5	55.9	54.6	1.667	1.842	35.46	35.77	39.14	0.493	0.500	0.516	0.547	97.1	80.0
H003-10H-3B1	32.5	60.0	59.5	1.697	1.757	39.93	41.83	39.62	0.532	0.544	0.519	0.553	95.5	87.7
H003-10H-5B1	60.5	62.8	61.8	1.707	1.688	42.57	42.55	42.94	0.536	0.564	0.539	0.559	89.5	91.3
H003-11H-1B	130.5	65.0	64.7	1.642	1.687	49.68	53.13	49.36	0.591	0.594	0.573	0.596	98.7	91.6
H003-11H-4B	96.5	69.5	68.1	1.597	1.649	55.03	58.04	56.02	0.612	0.616	0.604	0.621	98.6	91.5
H003-12H-2B	97.5	73.2	72.6	1.451	1.659	49.72	55.12	54.19	0.600	0.606	0.596	0.643	97.4	75.1
H003-12H-5B	129.5	78.0	76.3	1.811	1.905	35.96	26.74	37.20	0.421	0.446	0.503	0.509	90.2	94.2
H003-14H-2B	83.5	83.2	82.7	1.766	1.842	37.88	39.63	39.10	0.519	0.514	0.515	0.528	101.8	92.0
H003-14H-6B1	59.5	88.2	86.8	1.733	1.872	36.60	34.64	36.11	0.485	0.488	0.496	0.533	98.9	87.3
H003-16H-1B	92.5	92.4	92.2	1.610	1.880	37.99	39.26	39.20	0.516	0.503	0.516	0.570	105.6	77.9
H003-16H-4B	133.5	97.6	96.2	1.819	1.908	33.99	31.37	33.85	0.460	0.465	0.479	0.500	98.1	92.5
H003-17H-2B1	87.5	99.4	99.0	1.732	1.869	36.83	38.38	36.38	0.511	0.503	0.497	0.534	103.3	87.5
H003-18H-2B1	77.5	107.1	106.2	1.613	1.658	52.86	54.86	52.70	0.599	0.606	0.589	0.611	97.1	91.4
H003-18H-5B	102.5	111.6	109.4	1.785	1.372	36.25	36.54	36.40	0.498	0.630	0.497	0.517	58.4	91.9
H003-19CS-5C	52.5	113.9	113.5	1.528	1.714	55.98	55.23	55.18	0.600	0.593	0.600	0.639	102.9	86.0
H003-20H-2B	129.5	116.4	116.0	1.719	1.817	37.33	37.74	36.44	0.507	0.514	0.498	0.539	97.0	86.9
H003-20H-5B	97.5	120.4	119.4	1.975	1.851	34.00	34.07	34.21	0.481	0.491	0.482	0.457	95.9	109.8
H003-21H-3B	91.0	125.5	125.1	1.697	1.875	34.24	35.69	33.43	0.493	0.491	0.476	0.534	100.6	81.2
H003-21H-6B	81.5	129.1	128.2	1.772	1.829	29.02	30.89	27.46	0.457	0.485	0.428	0.494	89.1	80.8
H003-22H-2B	97.5	131.7	131.7	1.764	1.951	34.25	38.08	34.30	0.509	0.480	0.483	0.516	112.4	87.4
H003-22H-4B	97.5	134.7	134.7	1.734	1.890	33.26	34.17	33.54	0.482	0.481	0.477	0.521	100.2	83.2
H003-23H-2B	107.0	139.6	139.2	1.759	1.876	32.07	31.59	31.78	0.462	0.475	0.464	0.509	95.0	84.0
H003-23H-4B	92.0	142.4	141.7	1.862	1.859	28.99	32.19	27.83	0.467	0.482	0.431	0.468	94.0	89.5

(A) MAD Sample Location	(B) MAD Depth in Section, middle	(C) MAD Archived Depth, middle	(D) MAD Comp. Depth, middle	(E) MAD Wet Density	(F) Plug Wet Density	(G) Wedge Water Content	(H) Plug Water Content	(I) Blended Water Content	(J) Plug Porosity (S=100)	(K) Plug Porosity (S=meas.)	(L) MAD Porosity (S=100)	(M) MAD Porosity (S=meas.)	(N) Plug Water Sat.	(O) MAD Water Sat.
	(cm)	(mbsf)	(mbsf)	(g/cm3)	(g/cm3)	(%)	(%)	(%)	(-)	(-)	(-)	(-)	(%)	(%)
H003-24CS-5C	55.5	147.4	147.1	1.663	1.778	50.19	50.13	49.58	0.577	0.564	0.574	0.592	105.5	94.1
H003-25H-7B	67.5	154.1	152.3	1.701	1.789	31.82	32.94	31.45	0.473	0.504	0.461	0.525	88.1	78.4
H003-26X-4B	83.0	282.8	282.8	1.778	1.945	29.96	29.50	29.27	0.445	0.447	0.443	0.496	99.4	82.8
H003-26X-6B	65.0	285.5	285.5	1.874	1.796	27.50	26.78	26.59	0.421	0.478	0.420	0.459	79.4	88.2
H003-27CS-4B	30.5	288.9	288.9	2.014	1.903	23.72	23.67	23.88	0.392	0.433	0.394	0.400	84.2	96.6

Particle Size Distribution using a Hydrometer

Table 4. Particle size distribution results on blended material from MAD whole rounds using the hydrometer method. Measurements were made at Tufts University. A) Test identification number; B) Sample location including Hole, Core, Section, and Piece. Moisture and density whole round samples (sample code MDW) were split into samples for moisture and density index properties (sample code MAD) and geomechanics (CRS) (Table 2). In the location, H= Geotek Advanced Piston Corer, X = Geotek Extended Core Barrel, and CS = Pressure Coring Tool with Ball Valve in the cutting shoe configuration; C) MAD depth in section of the middle of the sample in centimeters; D) MAD archived measured depth of the middle of the sample in meters below the seafloor (mbsf); E) MAD compressed measured depth of the middle of the sample in mbsf; F) through H) % clay, silt, and sand using the Geoscientific classification and I) through K) % clay, silt, and sand use the Geotechnic classification; H) The half minute hydrometer reading was used to approximate the 62.5 µm cutoff for the geoscience classification; K) Particles coarser than 75 µm were determined using a 75 µm sieve.

					Geoscientific Classification			Geotechnic Classification		
(A) Test	(B) Sample Location	(C) MAD Depth in section, middle	(D) Archived Depth, middle	(E) Comp. Depth, middle	(F) % Clay	(G) % Silt	(H) % Sand	(I) % Clay	(J) % Silt	(K) % Sand
No.	Hole-Core-Piece	(cm)	(mbsf)	(mbsf)	<3.9 mm	3.9 to 62.5 mm	>62.5 mm	<2 mm	2 to 75 mm	>75 mm
HY195	H003-01H-4b	107.5	5.6	5.6	70.18	14.71	15.10	61.6	26.1	12.4
HY185	H003-02H-1b	112.5	9.4	9.2	67.84	29.15	3.01	56.4	42.6	1.0
HY175	H003-02H-2b	107.5	10.8	10.4	68.49	27.76	3.75	54.6	42.2	3.2
HY206	H003-02H-3b	112.5	12.4	11.7	69.86	24.41	5.70	56.1	40.4	3.5
HY186	H003-02H-5b	112.5	15.4	14.3	79.53	16.59	3.88	67.8	30.6	1.6
HY176	H003-02H-6b	107.5	16.8	15.5	74.46	21.54	4.00	62.4	35.4	2.2
HY205	H003-03H-1b	78.5	19.4	19.3	53.35	23.35	23.30	45.2	36.1	18.7
HY177	H003-03H-3b	102.5	22.6	21.9	70.87	11.53	17.60	60.7	25.9	13.4
HY180	H003-03H-4b	97.5	24.0	23.1	76.02	20.97	3.01	63.2	35.5	1.3
HY204	H003-03H-5b	97.5	25.7	24.5	73.47	25.35	1.18	58.9	39.9	1.2
HY187	H003-06H-2b	102.5	34.8	34.0	48.74	41.40	9.87	40.2	58.2	1.6
HY179	H003-06H-3b	87.5	36.2	34.9	68.45	26.07	5.48	55.6	42.2	2.2
HY207	H003-06H-6b	97.5	40.8	38.0	68.48	26.40	5.10	55.7	44.2	0.1
HY174	H003-07H-5b1	53.5	45.9	45.0	63.95	32.24	3.80	50.7	49.0	0.3
HY198	H003-09H-2b1	43.5	51.6	51.2	66.38	31.17	2.44	55.3	44.6	0.1
HY199	H003-10H-3b1	32.5	60.0	59.5	72.58	23.75	3.67	59.3	40.6	0.1

					Geoscientific Classification			Geotechnic Classification		
(A) Test	(B) Sample Location	(C) MAD Depth in section, middle	(D) Archived Depth, middle	(E) Comp. Depth, middle	(F) % Clay	(G) % Silt	(H) % Sand	(I) % Clay	(J) % Silt	(K) % Sand
No.	Hole-Core-Piece	(cm)	(mbsf)	(mbsf)	<3.9 mm	3.9 to 62.5 mm	>62.5 mm	<2 mm	2 to 75 mm	>75 mm
HY191	H003-10H-5b1	60.5	62.8	61.8	76.59	21.44	1.97	63.4	36.6	0.0
HY184	H003-11H-1b	130.5	65.0	64.7	81.08	17.15	1.77	68.9	30.1	1.0
HY208	H003-11H-4b	96.5	69.5	38.0	74.22	16.14	9.65	63.7	30.3	6.0
HY203	H003-12H-2b	97.5	73.2	72.6	73.90	9.76	16.35	62.5	24.4	13.1
HY182	H003-12H-5b	129.5	78.0	76.3	41.06	38.13	20.80	36.2	36.5	27.3
HY201	H003-14H-6b1	59.5	88.2	86.8	69.55	25.18	5.27	57.4	42.6	0.1
HY190	H003-16H-1b	92.5	92.4	92.2	72.77	23.03	4.19	58.2	41.6	0.2
HY193	H003-16H-4b	133.5	97.5	96.2	69.93	27.62	2.45	55.0	44.9	0.1
HY196	H003-17H-2b1	87.5	99.4	99.0	78.81	17.68	3.51	66.2	32.9	1.0
HY188	H003-18H-2b1	77.5	107.1	106.2	76.03	13.23	10.74	62.5	29.1	8.3
HY202	H003-20H-2b1	129.5	116.4	116.0	77.85	19.33	2.82	65.6	34.0	0.4
HY210	H003-20H-5b	97.5	120.4	38.0	75.90	20.84	3.27	63.1	36.4	0.4
HY189	H003-21H-3b	91.0	125.5	125.1	73.20	23.33	3.47	61.1	38.8	0.1
HY181	H003-21H-6b	81.5	129.1	128.2	56.84	35.08	8.08	46.1	49.1	4.7
HY209	H003-22H-2b	97.5	131.7	38.0	70.81	26.52	2.67	57.0	42.9	0.1
HY197	H003-22H-4b	97.5	134.7	134.7	69.12	26.36	4.52	57.5	42.5	0.1
HY200	H003-23H-2b	107.0	139.6	139.2	67.98	27.18	4.84	54.7	45.3	0.0
HY183	H003-23H-4b	92.0	142.4	141.7	63.68	33.81	2.51	51.1	48.7	0.2
HY178	H003-25H-7b	67.5	154.1	152.3	70.99	25.90	3.11	57.3	42.0	0.7
HY194	H003-26X-4b	83.0	282.8	282.8	70.19	27.24	2.57	56.4	43.6	0.0

Grain Density by Water Submersion

Table 5. Grain Density for section blended material from the MAD whole round using water submersion method. Measurements were made at Tufts University. A) Test identification number; B) Sample location including Hole, Core, Section, and Piece. Moisture and density whole round samples (sample code MDW) were split into samples for moisture and density index properties (sample code MAD) and geomechanics (CRS) (Table 2). In the location, H= Geotek Advanced Piston Corer, X = Geotek Extended Core Barrel, and CS = Pressure Coring Tool with Ball Valve in the cutting shoe configuration; C) MAD depth in section of the middle of the sample in centimeters; D) MAD archived measured depth of the middle of the sample in meters below the seafloor (mbsf); E) MAD compressed measured depth of the middle of the sample in mbsf; F) Average measured density; G) Standard deviation of the measured density.

(A) Test	(B) Sample Location	(C) Depth in Section, middle	(D) Archived Depth, middle	(E) Comp. Depth, middle	(F) Density, Average	(G) Density, Std Dev.
No.	Core Section	Mid	(mbsf)	(mbsf)	(g/cm3)	(g/cm3)
SG206	H003-01H-4b	107.5	5.6	5.6	2.773	0.002
SG213-2	H003-01H-5b	88.5	6.9	6.9	2.768	0.003
SG230	H003-02H-1b	112.5	9.4	9.2	2.776	0.005
SG231	H003-02H-2b	107.5	10.8	10.4	2.857	0.01
SG202	H003-02H-3b	112.5	12.4	11.7	2.829	0.004
SG211	H003-02H-4b	107.5	13.8	13.0	2.833	0.006
SG219	H003-02H-5b	112.5	15.4	14.3	2.794	0.006
SG232	H003-02H-6b	107.5	16.8	15.5	2.805	0.002
SG200	H003-03H-1b	78.5	19.4	19.3	2.821	0.004
SG209	H003-03H-2b	97.5	21.0	20.6	2.808	0.003
SG228	H003-03H-3b	102.5	22.6	21.9	2.809	0.001
SG234	H003-03H-4b	97.5	24.0	23.1	2.783	0.006
SG191	H003-03H-5b	97.5	25.7	24.5	2.8	0.005
SG214-1	H003-03H-6b	97.5	27.2	25.8	2.798	0.004
SG220	H003-06H-2b	102.5	34.8	34.0	2.774	0.007
SG233	H003-06H-3b	87.5	36.2	34.9	2.783	0.008
SG201	H003-06H-6b	97.5	40.8	38.0	2.794	0.004
SG214-2	H003-07H-3b1	48	42.8	42.4	2.793	0.005
SG229	H003-07H-5b1	51	45.9	45.0	2.808	0.005
SG218	H003-08CS-3c	68	48.6	48.6	2.764	0.004
SG203	H003-09H-2b1	43.5	51.6	51.2	2.791	0.005
SG212	H003-09H-5b	60	55.9	54.6	2.775	0.005
SG196	H003-10H-3b1	32.5	60.0	59.5	2.816	0.01
SG224	H003-10H-5b1	58	62.8	61.8	2.767	0.005
SG227	H003-11H-1b	133	65.0	64.7	2.809	0.004
SG199	H003-11H-4b	96.5	69.5	68.1	2.821	0.002
SG192	H003-12H-2b	97.5	73.2	72.6	2.812	0.011
SG194	H003-14H-6b1	59.5	88.2	86.8	2.784	0.002
SG210	H003-14H-2b	81	83.2	82.7	2.769	0.003
SG223	H003-16H-1b	97.5	92.4	92.4	92.16	0.009
SG208	H003-16H-4b	133.5	97.5	97.6	96.22	0.005
SG205	H003-17H-2b1	87.5	99.4	99.4	99.00	0.008

(A) Test	(B) Sample Location	(C) Depth in Section, middle	(D) Archived Depth, middle	(E) Comp. Depth, middle	(F) Density, Average	(G) Density, Std Dev.
No.	Core Section	Mid	(mbsf)	(mbsf)	(g/cm3)	(g/cm3)
SG221	H003-18H-2b1	80	107.1	107.1	106.23	0.007
SG213-1	H003-18H-5b	100	111.6	111.6	109.39	0.008
SG217	H003-19CS-5c	50	113.9	113.9	113.52	0.006
SG193	H003-20H-2b1	129.5	116.4	116.4	116.02	0.011
SG197	H003-20H-5b	97.5	120.4	120.4	119.36	0.005
SG222	H003-21H-3b	96	125.6	125.5	125.06	0.009
SG235	H003-21H-6b	84	129.2	129.1	128.24	0.003
SG198	H003-22H-2b	97.5	131.7	131.7	131.71	0.005
SG204	H003-22H-4b	97.5	134.7	134.7	134.69	0.007
SG195	H003-23H-2b	107	139.6	139.6	139.21	0.004
SG225	H003-23H-4b	89.5	142.4	142.4	141.65	0.003
SG216	H003-24CS-5c	53	147.4	147.4	147.08	0.009
SG226	H003-25H-7b	65	154.1	154.1	152.31	0.003
SG207	H003-26X-4b	83	282.8	282.8	282.83	0.003
SG215	H003-26X-6b	69	285.5	285.5	285.48	0.007

Grain Density using Gas Pycnometer

Table 6. Grain Density using a gas pycnometer on split core plug samples collected in Salt Lake City, Utah (sample code MDX). Measurements were made at Tufts University. A) Test Number; B) Sample location including Hole, Core, Section, and Piece. In the name, H= Geotek Advanced Piston Corer, X = Geotek Extended Core Barrel, CS = Pressure Coring Tool with Ball Valve (PCTB) in the cutting shoe configuration, and FB = PCTB in the face bit configuration; C) Depth of the top of the sample in the core section in centimeters; D) Archived measured depth of the top of the MDX sample in meters below the seafloor (mbsf); E) Compressed measured depth in mbsf; F) Grain density; G) Standard deviation of the grain density.

(A) Test	(B) Sample Location	(C) Depth in Section	(D) Archived Depth	(E) Comp. Depth	(F) Density	(G) Std. Dev.
No.		(cm)	(mbsf)	(mbsf)	(g/cm3)	(g/cm3)
PY030	H003-01H-2a	86	2.36	2.36	2.659	0
PY031	H003-01H-3a	59.5	3.6	3.6	2.654	0
PY033	H003-01H-4a	44.5	4.95	4.95	2.683	0.008
PY032	H003-01H-4a	57	5.07	5.07	2.692	0.003
PY034	H003-01H-5a	69	6.69	6.69	2.701	0.011
PY035	H003-01H-CC	15.5	7.52	7.52	2.683	0.012
PY036	H003-02H-1a	13	8.36	8.34	2.706	0.007
PY037	H003-02H-1a	65	8.88	8.78	2.702	0.011
PY038	H003-02H-2a	13	9.86	9.61	2.716	0.009
PY039	H003-02H-2a	50.5	10.23	9.93	2.718	0.007
PY040	H003-02H-3a	13	11.36	10.89	2.712	0.006
PY041	H003-02H-3a	63	11.86	11.31	2.694	0.009
PY042	H003-02H-4a	13	12.86	12.16	2.713	0.006
PY043	H003-02H-4a	63	13.36	12.58	2.714	0.004
PY044	H003-02H-5a	12	14.35	13.43	2.717	0.006
PY045	H003-02H-5a	63	14.86	13.86	2.712	0.006
PY046	H003-02H-6a	12	15.85	14.7	2.712	0.011
PY047	H003-02H-6a	69.5	16.42	15.19	2.716	0.008
PY048	H003-02H-7	17.5	17.4	16.02	2.708	0.008
PY049	H003-02H-CC	13	18.02	16.54	2.721	0.012
PY050	H003-03H-2a	21.5	20.26	19.98	2.732	0.012
PY051	H003-03H-2a	73	20.77	20.41	2.734	0.011
PY052	H003-03H-3a2	60	22.14	21.56	2.697	0.009
PY053	H003-03H-4a	11.5	23.16	22.4	2.701	0.01
PY054	H003-03H-4a	72	23.76	22.91	2.688	0.01
PY055	H003-03H-5a	11.5	24.81	23.78	2.706	0.012
PY056	H003-03H-5a	78.5	25.48	24.34	2.701	0.008
PY057	H003-03H-6a	12.5	26.32	25.04	2.704	0.01
PY010	H003-14H-1a	33.5	81.11	81.04	2.685	0.007
PY011	H003-14H-1a	33.5	81.11	81.04	2.672	0.003
PY024	H003-14H-1a	33.5	81.11	81.04	2.709	0.005
PY025	H003-14H-1a	33.5	81.11	81.04	2.707	0.006
PY006	H003-14H-1a	132.5	82.1	81.84	2.702	0.007
PY007	H003-14H-1a	132.5	82.1	81.84	2.693	0.002
PY022	H003-14H-1a	132.5	82.1	81.84	2.711	0.006
PY023	H003-14H-1a	132.5	82.1	81.84	2.705	0.005
PY008	H003-20H-4	19	118.64	117.91	2.71	0.009
PY009	H003-20H-4	19	118.64	117.91	2.705	0.011

(A) Test	(B) Sample Location	(C) Depth in Section	(D) Archived Depth	(E) Comp. Depth	(F) Density	(G) Std. Dev.
No.		(cm)	(mbsf)	(mbsf)	(g/cm3)	(g/cm3)
PY016	H003-20H-4	19	118.64	117.91	2.725	0.006
PY017	H003-20H-4	19	118.64	117.91	2.717	0.004
PY014	H003-26X-1a	62	279.21	279.21	2.716	0.008
PY026	H003-26X-1a	62	279.21	279.21	2.731	0.006
PY027	H003-26X-1a	62	279.21	279.21	2.732	0.007
PY012	H002-04FB-4a	22	682.47	682.47	2.728	0.007
PY013	H002-04FB-4a	22	682.47	682.47	2.715	0.002
PY020	H002-04FB-4a	22	682.47	682.47	2.748	0.009
PY021	H002-04FB-4a	22	682.47	682.47	2.715	0
PY001	H002-08CS-3a1	29	811.04	811.04	2.713	0.009
PY002	H002-08CS-3a1	29	811.04	811.04	2.703	0.004
PY004	H002-08CS-3a1	29	811.04	811.04	2.703	0.008
PY005	H002-08CS-3a1	29	811.04	811.04	2.698	0.005
PY028	H002-08CS-3a1	29	811.04	811.04	2.722	0.007
PY029	H002-08CS-3a1	29	811.04	811.04	2.722	0.006
PY003	H002-12CS-1a	61	822.35	822.28	2.718	0.007
PY018	H002-12CS-1a	61	822.35	822.28	2.727	0.006
PY019	H002-12CS-1a	61	822.35	822.28	2.722	0.004

Particle Size Distribution using Laser Particle Analysis

Table 7. Particle size distribution using the laser particle analysis for discrete split core samples (sample code GSL). Measurement were made at The University of Texas at Austin. A) Sample name including Hole, Core, Section, Piece, and depth in section. In the name, H= Geotek Advanced Piston Corer, X = Geotek Extended Core Barrel, CS = Pressure Coring Tool with Ball Valve (PCTB) in the cutting shoe configuration, and FB = PCTB in the face bit configuration; B) Archived measured depth of the top of the GSL sample in meters below the seafloor (mbsf); C) Compressed measured depth of the top of GSL sample in mbsf; D) through F) % clay, silt, and sand using the Geoscientific classification and G) through I) % clay, silt, and sand using the Geotechnic classification.

(A) Sample name	(B) Archived Depth (mbsf)	(C) Comp. depth (mbsf)	(D) % Clay (<3.9 mm)	(E) % Silt (3.9-62.5 mm)	(F) % Sand (>62.5 mm)	(G) % Clay (<2 mm)	(H) % Silt (2-75 mm)	(I) % Sand (>75 mm)
H003-01H-2a_89-90cm	2.39	2.39	1.9	19.0	79.2	1.1	27.7	71.3
H003-01H-3a_64-65cm	3.64	3.64	1.8	17.5	80.7	1.0	25.9	73.2
H003-02H-1a_10-11cm	8.33	8.31	43.1	53.1	3.8	24.4	72.2	3.4
H003-03H-2a_16-17cm	20.20	19.94	40.9	50.3	8.8	22.7	69.3	8.0
H003-04CS-2_80-81cm	28.93	28.82	1.5	9.4	89.2	0.8	16.2	83.0
H003-04CS-3c_100-101cm	30.13	29.94	6.0	14.9	79.2	3.2	23.7	73.1
H003-05CS-1_18-19cm	30.36	30.34	48.6	50.4	0.9	27.2	72.1	0.8
H003-07H-4a_97-98cm	44.79	44.04	51.0	49.0	0.0	28.4	71.6	0.0
H003-10H-1a1_14-15cm	56.83	56.81	47.1	52.9	0.0	28.1	71.9	0.0
H003-11H-5a_13-14cm	70.19	68.63	50.9	39.3	9.8	29.6	61.4	9.1
H003-12H-3_127-128cm	74.98	73.96	57.3	29.6	13.2	30.9	56.8	12.3
H003-12H-4a_75-76cm	75.96	74.70	53.9	43.0	3.2	33.1	64.3	2.6
H003-12H-5a_2-3cm	76.73	75.29	48.9	49.1	1.9	28.6	69.9	1.5
H003-12H-5a_44-45cm	77.15	75.60	4.1	44.6	51.2	2.4	58.2	39.4
H003-12H-CC_13-14cm	79.34	77.27	41.4	56.5	2.2	22.5	75.7	1.8
H003-12H-CC_58.5-59.5cm	79.80	77.61	28.0	52.1	19.9	15.5	69.5	15.0
H003-14H-1a_31-32cm	81.08	81.02	56.3	35.7	8.0	30.4	62.2	7.4
H003-14H-1a_130-131cm	82.07	81.82	56.9	43.1	0.0	32.7	67.3	0.0
H003-16H-3a_34-35cm	95.04	94.25	33.5	64.7	1.8	19.4	79.2	1.4
H003-16H-3a_37-38cm	95.07	94.27	37.7	62.1	0.3	21.1	78.9	0.0
H003-16H-3a_59-60cm	95.29	94.45	21.2	74.4	4.5	11.9	85.3	2.9
H003-18H-5a_32.5-33.5cm	110.90	108.90	47.9	51.5	0.7	26.1	73.4	0.5
H003-20H-4_17-18cm	118.62	117.89	53.4	44.8	1.8	33.6	64.7	1.7
H003-20H-4_31-32cm	118.76	118.01	32.7	62.0	5.3	19.8	76.5	3.7
H003-21H-3a_10-11cm	124.72	124.35	51.7	47.6	0.8	32.3	67.1	0.6
H003-21H-3a_22-23cm	124.84	124.46	12.4	78.0	9.6	8.1	87.8	4.1
H003-22H-3_16-17cm	132.40	132.40	44.6	54.4	1.0	27.1	72.2	0.7
H003-22H-3_74-75cm	132.98	132.98	8.8	78.3	12.9	5.5	88.5	6.1
H003-23H-1a_18-19cm	137.04	137.01	49.2	50.0	0.8	31.0	68.5	0.6
H003-23H-1a_88.5-89.5cm	137.74	137.62	9.3	72.9	17.8	5.6	84.6	9.8
H003-25H-3_19-20cm	150.46	149.66	49.6	41.3	9.0	29.2	62.7	8.1
H003-26x-1a_118.5-119.5cm	279.77	279.77	50.8	49.2	0.0	30.5	69.5	0.0
H003-28CS-1c_53-54cm	291.31	291.31	56.8	43.1	0.1	35.1	64.9	0.0
H003-29CS-3a_7-8cm	294.85	294.85	27.0	46.6	26.4	15.9	61.6	22.5
H003-29CS-3a_18-19cm	294.96	294.96	31.7	44.1	24.2	18.8	59.7	21.5
H002-01FB-1b_31-32cm	644.96	644.96	39.0	59.3	1.7	22.1	76.9	1.1
H002-01FB-1b_35.5-36.5cm	645.01	645.01	26.9	67.1	6.0	14.9	81.9	3.2
H002-02FB-4_7-8cm	675.20	675.20	43.2	56.2	0.6	24.4	75.2	0.4
H002-02FB-4_13-14cm	675.26	675.26	8.2	73.7	18.2	4.9	88.3	6.8
H002-04FB-1a_4-5cm	680.35	680.35	34.5	62.1	3.4	19.8	77.8	2.3
H002-04FB-2a_16-17cm	681.13	681.13	3.7	29.7	66.6	2.2	38.1	59.7
H002-04FB-2a_27.5-28.5cm	681.25	681.25	15.1	36.3	48.6	9.1	48.4	42.5
H002-04FB-2a_38-39cm	681.35	681.35	13.7	29.8	56.5	8.3	41.3	50.4
H002-04FB-2a_50-51cm	681.47	681.47	5.5	19.6	74.9	3.3	30.5	66.2
H002-04FB-3a_11-12cm	681.78	681.78	33.5	63.7	2.8	20.4	78.4	1.2

(A) Sample name	(B) Archived Depth (mbsf)	(C) Comp. depth (mbsf)	(D) % Clay (<3.9 mm)	(E) % Silt (3.9-62.5 mm)	(F) % Sand (>62.5 mm)	(G) % Clay (<2 mm)	(H) % Silt (2-75 mm)	(I) % Sand (>75 mm)
H002-04FB-4a1_3-4cm	682.28	682.28	9.8	70.4	19.7	5.9	82.7	11.4
H002-04FB-4a3_18.5-19.5cm	682.44	682.44	41.4	57.8	0.8	24.1	75.3	0.6
H002-04FB-4a3_42.5-43.5cm	682.68	682.68	4.4	51.1	44.4	2.9	66.1	31.1
H002-05CS-4_12.5-13.5cm	802.65	802.65	39.3	59.7	1.0	21.9	77.4	0.8
H002-06CS-2c_39-40cm	803.94	803.94	9.3	64.0	26.7	5.4	76.0	18.6
H002-08CS-3a1_27-28cm	811.02	811.02	57.2	37.8	5.0	36.4	59.0	4.6
H002-09CS-1a_5-6cm	812.65	812.64	45.0	53.7	1.3	27.1	72.0	0.9
H002-09CS-1a_15-16cm	812.75	812.73	13.0	66.9	20.2	7.9	80.9	11.2
H002-09CS-1a_25-26cm	812.85	812.82	6.2	50.9	43.0	3.6	65.6	30.8
H002-09CS-1a_35-36cm	812.95	812.91	5.3	56.8	37.9	3.3	73.0	23.7
H002-09CS-1a_45-46cm	813.05	813.00	5.6	41.2	53.3	3.4	58.2	38.4
H002-09CS-1a_55-56cm	813.15	813.09	8.3	77.0	14.7	5.2	88.2	6.6
H002-09CS-2a_12.5-13.5cm	813.72	813.60	44.9	53.7	1.4	26.6	72.6	0.9
H002-09CS-2a_32-33cm	813.92	813.77	33.3	58.5	8.2	20.2	75.4	4.4
H002-09CS-3a1_11-12cm	814.29	814.10	10.4	66.7	23.0	6.4	81.1	12.5
H002-09CS-3a1_34-35cm	814.52	814.31	28.1	64.5	7.4	16.9	78.5	4.7
H002-09CS-3a3_68-69cm	814.86	814.61	4.1	59.8	36.1	2.6	74.8	22.6
H002-09CS-3a3_78-79cm	814.96	814.70	46.8	51.1	2.1	28.2	70.5	1.3
H002-09CS-4b_21-22cm	815.32	815.02	37.0	56.9	6.2	22.1	73.6	4.3
H002-09CS-4b_55-56cm	815.66	815.32	7.0	69.8	23.2	4.3	82.1	13.6
H002-09CS-4b_74-75cm	815.85	815.49	4.9	41.4	53.7	2.8	56.4	40.9
H002-12CS-1a_65-66cm	822.39	822.31	48.5	49.9	1.6	29.1	69.7	1.2
H002-14CS-3a3_31-32cm	847.05	846.77	34.9	64.1	1.0	18.7	80.7	0.6
H002-15CS-1a_17-18cm	858.49	858.49	39.1	58.9	2.0	21.6	77.2	1.3

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