

## VI. LEG 42A PHYSICAL PROPERTIES DATA

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TABLE 1

Sample (Interval in cm)	Subbottom Depth (m)	Sonic Velocity (km/sec)
<b>Site 371</b>		
1-4, 10	4.60	1.532
1-4, 70	5.20	1.546
1-4, 100	5.50	1.525
1-4, 135	5.85	1.544
2-3, 30	202.80	1.740
2-3, 70	203.20	1.744
2-3, 100	203.50	1.716
2-3, 120	203.70	1.698
2-3, 120	203.70	1.716
2-3, 120	203.70	1.774
2-3, 130	203.80	1.724
3-1, 22	361.22	1.731
3-1, 74	361.74	1.719
3-1, 78	361.78	1.701
3-6, 30	368.80	1.723
3-6, 70	369.20	1.672
3-6, 100	369.50	1.741
3-6, 130	369.80	1.754
4-5, 10	414.60	1.899
4-5, 70	415.20	1.884
4-5, 100	415.50	1.878
4-5, 130	415.80	1.890
<b>Site 372</b>		
1-1, 138	113.38	1.658
1-1, 145	113.45	1.714
1-2, 38	113.88	1.656
1-2, 72	114.22	1.652
1-2, 127	114.77	1.704
1-3, 25	115.25	1.663
1-3, 75	115.75	1.656
1-3, 115	116.15	1.572
1-3, 130	116.30	1.562
2-2, 118	133.68	1.625
2-2, 138	133.88	1.693
2-3, 10	134.10	1.569
2-3, 33	134.33	1.684
2-3, 64	134.64	1.694
2-3, 120	135.20	1.766
2-3, 135	135.35	1.737
2-4, 24	135.74	1.628
2-4, 73	136.23	1.643
2-4, 129	136.79	1.708
3-1, 58	141.08	1.639
3-1, 70	141.20	1.641
3-1, 134	141.64	1.731
3-2, 15	142.15	1.605
3-2, 72	142.72	1.628
3-2, 100	143.00	1.701
3-2, 138	143.38	1.607
3-3, 85	144.35	1.641
3-3, 122	144.72	1.623
3-3, 141	144.91	1.654
4-1, 68	150.68	1.624

TABLE 1 - Continued

Sample (Interval in cm)	Subbottom Depth (m)	Sonic Velocity (km/sec)
4-1, 91	150.91	1.657
4-1, 136	151.36	1.561
4-2, 20	151.70	1.648
4-2, 67	152.17	1.638
4-2, 114	152.64	1.653
9-2, 27	199.27	1.696
9-2, 43	199.43	1.693
9-2, 55	199.55	1.683
9-4, 30	202.30	1.678
9-4, 70	202.70	1.660
9-4, 100	203.00	1.703
9-4, 130	203.30	1.696
10-2, 69	209.19	1.647
10-2, 99	209.49	1.669
10-2, 127	209.77	1.676
11-3, 20	219.70	1.669
11-3, 70	220.20	1.632
11-3, 95	220.45	1.638
11-3, 130	220.80	1.595
12-5, 17	232.17	1.673
12-5, 49	232.49	1.645
12-5, 88	232.88	1.636
12-5, 127	233.27	1.667
14-4, 21	249.98	1.633
14-4, 66	250.43	1.684
14-4, 108	250.85	1.670
15-5, 31	260.81	1.705
15-5, 67	261.17	1.688
15-5, 138	261.88	1.666
16-5, 44	270.44	1.654
16-5, 87	270.87	1.725
16-5, 108	271.08	1.693
16-5, 134	271.34	1.700
17-5, 16	279.66	1.743
17-5, 30	279.80	1.757
17-5, 50	280.00	1.759
17-5, 69	280.19	1.788
17-5, 82	280.32	1.756
18-5, 12	289.12	1.739
18-5, 38	289.38	1.736
18-5, 68	289.68	1.756
18-5, 100	290.00	1.748
18-5, 142	290.42	1.750
19-5, 60	299.10	1.683
19-5, 73	299.23	1.717
19-5, 95	299.45	1.834
20-6, 96	310.87	1.706
20-6, 107	310.98	1.771
20-6, 119	311.10	1.731
20-6, 143	311.34	1.834
21-6, 7	319.07	1.713
21-6, 81	319.81	1.745
21-6, 119	320.19	1.732
21-6, 137	320.37	1.812
22-4, 17	325.67	1.756
22-4, 25	325.75	1.737
22-4, 80	326.30	1.794

TABLE 1 - Continued

Sample (Interval in cm)	Subbottom Depth (m)	Sonic Velocity (km/sec)
22-4, 135	326.85	1.657
23-4, 30	335.30	1.709
23-4, 60	335.60	1.763
23-4, 80	335.80	1.738
23-4, 90	335.90	1.739
24-6, 30	348.22	1.792
24-6, 60	348.52	1.824
24-6, 103	348.95	1.799
24-6, 131	349.23	1.780
26-3, 26	362.26	1.808
26-3, 52	362.52	1.762
26-3, 90	362.90	1.838
26-3, 130	363.30	1.791
27-5, 26	374.76	1.735
27-5, 63	375.13	1.733
27-5, 105	375.55	1.741
27-5, 138	375.88	1.788
28-5, 10	384.10	1.951
28-5, 66	384.66	1.931
28-5, 105	385.05	1.923
28-5, 145	385.45	2.048
29-4, 12	392.13	1.927
29-4, 33	392.33	1.850
29-4, 72	392.72	1.673
29-4, 95	392.95	1.887
30-5, 12	403.12	1.951
30-5, 47	403.47	1.900
30-5, 86	403.86	1.907
30-5, 129	404.29	1.921
31-5, 8	422.08	1.980
31-5, 23	422.23	2.055
31-5, 58	422.58	2.131
31-5, 86	422.86	2.016
31-5, 110	423.10	2.314
31-5, 111	423.11	2.331
32-6, 12	443.05	1.903
32-6, 65	443.58	1.900
32-6, 96	443.89	1.945
32-6, 116	444.09	2.294
32-6, 134	444.27	1.813
32-6, 136	444.29	1.836
33-1, 140	464.04	2.049
33-1, 19	464.09	2.065
33-1, 19	464.09	2.135
33-1, 51	464.41	2.107
33-1, 98	464.88	2.222
33-6, 11	471.51	1.859
33-6, 31	471.71	1.956
33-6, 61	472.01	1.823
33-6, 139	472.79	1.871
Site 374		
2-2, 30	158.80	1.605
2-2, 80	159.30	1.643
2-2, 100	159.50	1.616
2-2, 135	159.85	1.613
3-1, 85	208.85	1.621
3-1, 116	209.16	1.641
3-1, 132	209.32	1.697
3-1, 147	209.47	1.653
4-3, 30	254.80	1.685
4-3, 70	255.20	1.741
4-3, 100	255.50	1.743
4-3, 137	255.87	1.749
5-2, 22	298.72	1.806
5-2, 53	299.03	1.793
5-2, 75	299.25	1.794

TABLE 1 - Continued

Sample (Interval in cm)	Subbottom Depth (m)	Sonic Velocity (km/sec)
5-2, 112	299.62	1.851
5-2, 142	299.92	1.856
5-3, 22	300.22	1.807
5-3, 40	300.40	1.849
5-3, 79	300.79	1.839
5-3, 113	301.13	1.869
5-3, 139	301.39	1.840
5-4, 28	301.78	1.882
5-4, 47	301.97	1.845
5-4, 72	302.22	1.846
5-4, 104	302.54	1.921
5-4, 127	302.77	1.876
5-5, 20	303.20	1.890
5-5, 45	303.45	1.911
5-5, 80	303.80	1.894
5-5, 109	304.09	1.866
6-4, 26	335.74	1.870
6-4, 60	336.08	1.892
6-4, 114	336.62	1.885
6-4, 138	336.86	1.872
6-5, 32	337.30	1.807
6-5, 54	337.52	1.899
6-5, 95	337.93	1.849
6-5, 127	338.25	1.854
6-6, 33	338.81	1.775
6-6, 55	339.03	1.786
6-6, 112	339.60	1.820
6-6, 141	339.89	1.838
7-4, 12	345.02	1.948
7-4, 43	345.33	1.877
7-4, 72	345.62	1.875
7-4, 108	345.98	1.876
7-4, 129	346.19	1.917
7-5, 30	346.70	1.911
7-5, 36	346.76	1.905
7-5, 70	347.10	1.917
7-5, 102	347.42	1.914
7-5, 129	347.69	1.969
7-6, 11	348.01	1.864
7-6, 36	348.26	1.867
7-6, 73	348.63	1.927
7-6, 101	348.91	1.845
7-6, 117	349.07	1.813
8-3, 20	352.70	1.875
8-3, 44	352.94	1.935
8-3, 78	353.28	1.931
8-3, 121	353.71	1.950
8-3, 140	353.90	1.993
8-4, 61	354.61	1.853
8-4, 61	354.61	1.925
8-4, 90	354.90	2.041
8-4, 107	355.07	2.011
8-4, 139	355.39	1.928
9-4, 26	363.76	1.934
9-4, 40	363.90	1.985
9-4, 70	364.20	2.000
10-1, 108	369.58	2.056
10-1, 118	369.68	2.058
12-2, 9	383.09	1.609
12-2, 24	383.24	1.636
12-2, 40	383.40	1.890
12-2, 51	383.61	1.849
12-2, 66	383.66	1.920
13-2, 17	389.17	1.968
13-2, 43	389.43	1.953
13-2, 62	389.62	1.930
13-2, 72	389.72	1.956
14-2, 20	394.20	1.976

TABLE 1 - Continued

Sample (Interval in cm)	Subbottom Depth (m)	Sonic Velocity (km/sec)
14-2, 50	394.50	2.002
14-2, 75	394.75	2.011
14-2, 100	395.00	1.976
14-2, 123	395.23	1.917
14-2, 140	395.40	2.003
15-2, 30	398.80	2.626
15-2, 57	399.07	2.665
15-2, 61	399.11	2.716
Site 375		
7-4, 6	569.96	1.984
7-4, 42	570.32	2.016
7-4, 80	570.70	2.011
7-4, 115	571.05	1.981
7-4, 146	571.36	1.997
9-3, 14	654.08	2.786
9-3, 24	654.18	2.692
9-3, 74	654.68	2.565
9-3, 87	654.81	2.704
9-3, 102	654.96	2.598
Site 376		
1-2, 23	1.73	1.517
1-2, 56	2.06	1.532
1-2, 85	2.35	1.527
1-2, 106	2.56	1.525
1-2, 132	2.82	1.526
1-4, 35	4.85	1.508
1-4, 60	5.10	1.511
1-4, 82	5.32	1.498
1-4, 102	5.52	1.523
1-4, 135	5.85	1.536
2-2, 18	9.18	1.524
2-2, 48	9.48	1.529
2-2, 62	9.62	1.602
2-2, 71	9.71	1.531
2-2, 100	10.00	1.519
2-2, 135	10.35	1.544
2-3, 22	10.72	1.494
2-3, 42	10.92	1.542
2-3, 73	11.23	1.549
2-3, 100	11.50	1.533
2-3, 135	11.85	1.567
3-3, 6	20.06	1.548
3-3, 13	20.40	1.580
3-3, 38	20.86	1.568
3-3, 104	21.04	1.585
3-3, 144	21.44	1.573
3-4, 27	21.77	1.547
3-4, 70	22.20	1.564
3-4, 89	22.39	1.538
3-4, 106	22.56	1.534
3-4, 142	22.92	1.592
4-2, 25	28.25	1.527
4-2, 60	28.60	1.540
4-2, 98	28.98	1.537
4-2, 140	29.40	1.533
5-2, 20	37.70	1.557
5-2, 44	37.94	1.573
5-2, 73	38.23	1.543
5-2, 95	38.45	1.586
5-2, 114	38.64	1.564
5-2, 141	38.91	1.571
5-5, 18	42.18	1.590
5-5, 31	42.31	1.592
5-5, 50	42.50	1.609

TABLE 1 - Continued

Sample (Interval in cm)	Subbottom Depth (m)	Sonic Velocity (km/sec)
5-5, 73	42.73	1.592
5-5, 96	42.96	1.580
5-5, 180	43.30	1.582
6-3, 48	48.98	1.584
6-3, 70	49.20	1.584
6-3, 79	49.29	1.576
6-3, 96	49.46	1.569
6-3, 113	49.63	1.583
6-3, 137	49.87	1.597
6-4, 10	50.10	1.636
6-4, 29	50.29	1.602
6-4, 68	50.68	1.612
6-4, 86	50.86	1.580
6-4, 90	50.90	1.568
6-4, 106	51.06	1.661
6-4, 140	51.40	1.594
7-2, 6	56.56	1.585
7-2, 25	56.75	1.628
7-2, 48	56.98	1.577
7-2, 72	57.22	1.594
7-2, 106	57.56	1.583
7-2, 146	57.96	1.573
8-2, 8	66.08	1.586
8-2, 33	66.33	1.592
8-2, 64	66.64	1.608
8-2, 103	67.03	1.735
8-2, 120	67.20	1.706
8-2, 140	67.40	1.652
9-2, 20	75.70	1.579
9-2, 43	75.93	1.596
9-2, 54	76.04	1.594
9-2, 81	76.31	1.585
9-2, 88	76.38	1.792
9-2, 117	76.67	1.577
9-3, 18	77.18	1.596
9-3, 49	77.49	1.633
9-3, 77	77.77	1.684
9-3, 104	78.04	1.631
9-3, 123	78.23	1.674
9-3, 138	78.38	1.659
10-2, 9	85.09	1.642
10-2, 18	85.18	1.694
10-2, 57	85.57	1.597
10-2, 77	85.77	1.659
10-2, 120	86.20	1.706
10-2, 146	86.46	1.695
11-3, 20	96.20	1.612
11-3, 40	96.40	1.792
11-3, 75	96.75	1.783
11-3, 109	97.09	1.801
11-3, 148	97.48	1.633
12-2, 6	104.06	1.723
12-2, 58	104.58	1.665
12-2, 71	104.71	1.674
12-2, 103	105.03	1.668
12-2, 145	105.45	1.698
12-4, 18	107.18	1.655
12-4, 44	107.44	1.700
12-4, 60	107.50	1.675
12-4, 78	107.78	1.711
12-4, 119	108.19	1.713
12-4, 142	108.42	1.704
13-2, 5	113.55	1.627
13-2, 22	113.72	1.660
13-2, 48	113.98	1.697
13-2, 80	114.30	1.691
13-2, 112	114.62	1.703
13-2, 137	114.87	1.744

TABLE 1 - Continued

Sample (Interval in cm)	Subbottom Depth (m)	Sonic Velocity (km/sec)
13-4, 20	116.70	1.646
13-4, 56	117.06	1.677
13-4, 89	117.39	1.674
13-4, 106	117.56	1.657
13-4, 122	117.72	1.727
13-4, 140	117.90	1.660
15-3, 11	134.11	1.763
15-3, 47	134.47	1.751
15-3, 94	134.94	1.839
15-3, 141	135.41	1.693
16-1, 40	140.90	1.711
16-1, 65	141.15	1.723
16-1, 74	141.24	1.677
19-1, 148	170.48	4.455
19-1, 148	170.48	4.494
19-1, 148	170.48	4.713
<b>Hole 378</b>		
1-1, 110	85.10	1.528
1-1, 112	85.12	1.531
1-1, 138	85.38	1.550
1-1, 146	85.46	1.525
2-5, 6	99.56	1.546
2-5, 40	99.90	1.561
2-5, 77	100.27	1.587
2-5, 127	100.77	1.559
2-5, 145	100.95	1.559
3-3, 16	106.16	1.541
3-3, 59	106.59	1.554
3-3, 78	106.78	1.550
3-3, 98	106.98	1.614
3-3, 130	107.30	1.582
5-2, 6	123.56	1.503
5-2, 26	123.76	1.519
5-2, 104	124.54	1.518
5-2, 118	124.68	1.548
5-3, 14	144.14	1.568
6-3, 44	144.44	1.579
6-3, 89	144.89	1.583
6-3, 113	145.13	1.576
6-3, 139	145.39	1.629
7-3, 16	172.86	1.648
7-3, 45	172.95	1.616
7-3, 89	173.39	1.642
7-3, 100	173.50	1.680
8-2, 16	218.66	1.620
8-2, 39	218.89	1.602
8-2, 83	219.33	1.657
8-2, 112	219.62	1.686
11-3, 10	305.60	1.626
11-3, 40	305.90	1.597
11-3, 65	306.15	1.611
11-3, 93	306.43	1.655
11-3, 135	306.85	1.616
<b>Hole 378A</b>		
1-5, 10	52.10	1.529
1-5, 39	52.39	1.505
1-5, 73	52.73	1.526
1-5, 118	53.18	1.542

TABLE 2

Sample (Interval in cm)	Subbottom Depth (m)	Horizontal Velocity (km/sec)	Vertical Velocity (km/sec)
<b>Site 371</b>			
4-5, 75	415.25	1.868 (1)	1.839 (1)
5-6, 21	474.59	1.929 ± 0.045 (3)	-
6, CC	513.10	2.075 ± 0.050 (3)	2.028 (1)
8-1, 142	547.42	5.081 ± 0.074 (4)	4.935 ± 0.130 (4)
<b>Site 372</b>			
31-1, 139	417.39	2.031 ± 0.006 (3)	1.944 ± 0.003 (2)
31-6, 25	423.75	2.023 ± 0.017 (6)	1.922 ± 0.011 (8)
32-4	439.93	1.999 ± 0.024 (6)	1.942 ± 0.008 (4)
32-4, 23	440.16	2.004 ± 0.025 (5)	1.933 ± 0.006 (5)
32-5, 118	442.59	2.285 ± 0.072 (6)	2.211 ± 0.016 (4)
33-1	467.00	2.16 ± 0.09 (4)	2.06 ± 0.03 (3)
33-4, 74	469.12	1.936 ± 0.006 (5)	1.845 ± 0.038 (5)
34-2, 22	493.70	2.067 ± 0.046 (5)	1.874 ± 0.008 (5)
34-3, 144	496.43	2.285 ± 0.012 (5)	2.059 ± 0.011 (5)
35-2, 7	530.57	2.616 ± 0.037 (7)	2.224 ± 0.028 (4)
35-2, 68	531.18	2.098 (1)	1.973 ± 0.006 (2)
35-2, 130	531.80	2.099 (1)	-
35-3, 5	532.03	2.131 ± 0.005 (5)	1.954 ± 0.008 (5)
36-4, 134	574.26	2.265 ± 0.024 (6)	2.111 ± 0.003 (4)
37-2, 39	607.87	2.21 ± 0.01 (5)	2.01 ± 0.01 (5)
38-1, 137	645.72	2.325 ± 0.009 (5)	2.132 ± 0.005 (5)
38-5, 12	650.47	2.302 ± 0.014 (5)	2.153 ± 0.005 (5)
39-1, 9	682.47	2.542 ± 0.028 (5)	2.215 ± 0.017 (5)
39-3, 129	686.67	2.426 ± 0.025 (5)	2.153 ± 0.003 (5)
40-2, 78	722.28	2.500 ± 0.013 (5)	2.224 ± 0.008 (5)
40-3, 2	723.01	2.524 ± 0.014 (5)	2.237 ± 0.008 (5)
41-4, 16	762.94	2.128 ± 0.023 (5)	2.014 ± 0.005 (5)
41-4, 141	764.18	2.295 ± 0.019 (5)	2.115 ± 0.010 (5)
41-6, 86	766.63	2.367 ± 0.007 (5)	2.150 ± 0.009 (5)
42-1, 117	788.01	2.465 ± 0.004 (5)	2.167 ± 0.004 (5)
42-2, 71	798.19	2.251 ± 0.008 (5)	2.049 ± 0.034 (5)
44-1, 119	835.58	2.347 ± 0.018 (5)	2.184 ± 0.019 (5)
45-3, 143	876.84	2.437 ± 0.012 (5)	2.215 ± 0.006 (5)
46-3, 9	884.57	2.379 ± 0.024 (5)	2.171 ± 0.005 (5)
<b>Hole 373A</b>			
7-3, 22	365.70	5.065 ± 0.022 (5)	5.150 ± 0.013 (5)
7-4, 20	367.18	5.020 ± 0.019 (5)	5.035 ± 0.015 (5)
7-4, 118	368.16	4.399 ± 0.021 (5)	4.443 ± 0.010 (5)
7-4, 147	368.45	4.106 ± 0.172 (5)	4.303 ± 0.065 (5)
<b>Site 374</b>			
16-1, 96	407.44	4.732 ± 0.117 (2)	4.586 ± 0.110 (2)
16-1, 119	407.67	4.754 ± 0.316 (2)	4.592 ± 0.087 (2)
17-1, 22	411.22	4.839 ± 0.046 (3)	4.730 ± 0.036 (3)
17-1, 35	411.35	4.783 ± 0.203 (4)	-
19-1, 90	418.88	5.091 ± 0.424 (5)	4.672 ± 0.079 (5)
20-1, 113	421.11	5.028 ± 0.027 (5)	4.933 ± 0.020 (5)
22-1, 38	435.38	4.888 ± 0.145 (4)	4.983 ± 0.093 (4)
<b>Site 375</b>			
1-1, 146	138.96	4.576 ± 0.079 (3)	4.687 ± 0.088 (4)
2-4, 40	194.38	4.866 ± 0.018 (5)	4.539 ± 0.048 (5)
4-4, 5	250.05	2.005 ± 0.015 (5)	1.931 ± 0.013 (5)
10-2, 71	677.70	2.635 ± 0.035 (5)	2.495 ± 0.018 (5)
11-1, 32	733.32	5.562 ± 0.129 (5)	5.526 ± 0.153 (5)
11-2, 133	735.81	5.565 ± 0.053 (10)	-
11-2, 142	735.91	2.851 ± 0.077 (5)	2.594 ± 0.024 (5)
<b>Site 376</b>			
16-1, 115	141.65	4.423 ± 0.060 (3)	4.431 ± 0.054 (3)
17-1, 140	151.40	4.624 ± 0.019 (3)	4.603 ± 0.009 (3)
18-1, 62	160.12	4.651 ± 0.043 (5)	4.588 ± 0.138 (5)
19-1, 148	170.48	4.554 ± 0.139 (3)	-
20-1, 91	185.90	4.524 ± 0.020 (5)	4.526 ± 0.058 (5)
20-1, 138	186.38	3.641 ± 0.109 (4)	3.602 ± 0.017 (4)
22-1, 110	206.06	5.165 ± 0.095 (5)	-
<b>Hole 378A</b>			
4-1, 69	303.19	4.670 ± 0.071 (5)	5.821 ± 0.062 (5)
5-1, 115	321.14	4.805 ± 0.032 (5)	6.026 ± 0.100 (5)
6-1, 22	330.20	4.189 ± 0.024 (5)	4.914 ± 0.016 (5)

TABLE 3

Core - Section	Subbottom Depth (m)	Wet Bulk Density (g/cc)	Porosity (wt. 90)
<b>Site 371</b>			
1-3	4.42	1.730	56.63
1-4	4.72	1.817	51.26
1-5	6.68	1.746	55.65
1-6	8.63	1.764	54.52
2-2	201.68	1.849	49.26
2-3	203.18	1.971	41.80
3-2	363.78	1.978	41.35
3-4	366.18	2.035	37.86
3-5	367.38	2.019	38.80
4-2	410.83	2.015	39.09
4-4	413.38	2.081	35.03
4-6	417.28	2.128	32.14
5-2	468.88	2.070	35.69
5-4	471.43	2.103	33.64
5-6	474.28	2.147	30.98
8-1	547.42	2.568	5.06
8-2	547.57	2.524	7.76
<b>Site 372</b>			
1-2	114.48	1.808	51.83
1-3	115.38	1.874	47.74
2-2	133.78	1.935	44.00
2-4	135.58	1.990	40.62
3-2	142.53	1.900	46.18
3-3	144.78	1.943	43.49
4-2	152.78	1.966	42.11
9-2	199.38	2.030	38.15
9-3	201.03	1.942	43.59
9-3	201.48	1.956	42.70
9-4	202.83	2.101	33.79
10-2	209.63	1.887	46.95
11-3	219.58	1.897	46.33
12-5	232.53	1.966	42.11
13-5	242.72	1.932	44.18
14-4	249.85	1.939	43.75
15-5	261.93	1.846	49.49
16-5	270.38	1.914	45.29
17-5	280.18	1.846	49.47
18-5	290.43	1.862	48.49
19-5	298.58	1.812	51.59
20-6	311.04	2.055	36.59
21-6	319.53	1.953	42.87
22-4	326.33	1.871	47.91
23-4	335.23	1.883	47.20
24-6	348.75	2.069	35.73
25-6	358.39	1.980	41.23
26-3	362.83	2.009	39.46
31-4	421.63	2.146	31.01
31-6	424.18	2.019	38.82
32-4	440.16	2.116	32.84
32-5	442.71	2.131	31.94
33-4	469.23	2.056	36.58
34-2	493.58	2.051	36.88
34-3	495.23	1.791	54.95
36-3	571.64	2.061	36.23
37-2	608.02	2.062	36.21
38-1	645.19	2.074	35.45
38-5	651.64	2.168	29.64
39-1	683.37	2.190	28.30
39-3	686.22	2.103	33.64
40-2	721.72	2.128	32.14
40-3	723.97	2.145	31.07
41-4	764.21	2.269	23.46
41-6	766.16	2.250	24.62
42-1	788.28	2.134	31.77

TABLE 3 - Continued

Core - Section	Subbottom Depth (m)	Wet Bulk Density (g/cc)	Porosity (wt. 90)
43-2	798.32	2.228	25.97
44-1	835.22	2.248	24.71
45-3	876.54	2.243	25.02
46-3	885.92	2.362	17.72
<b>Site 374</b>			
1-2	102.23	1.816	51.30
2-3	161.13	1.879	47.47
4-2	254.43	1.858	48.73
4-3	255.18	1.985	40.92
4-4	256.53	1.883	47.19
5-3	300.68	1.954	42.84
5-4	301.58	1.862	48.50
5-5	303.83	1.865	48.32
6-4	335.56	1.918	45.06
6-5	337.06	1.928	44.46
7-1	340.93	1.940	43.68
7-2	343.03	1.956	42.72
7-3	344.08	1.964	42.19
7-4	345.73	1.966	42.11
7-5	347.08	1.968	41.98
7-6	349.18	2.085	34.76
8-2	351.68	1.994	40.36
8-3	353.33	1.989	40.70
8-4	354.98	2.027	38.37
9-1	360.28	1.984	40.98
9-2	360.73	1.986	40.86
9-3	362.98	1.964	42.24
9-4	363.73	1.942	43.55
11-1	378.08	1.963	42.25
11-2	380.93	1.909	45.58
12-1	382.48	1.981	41.18
12-2	383.08	1.971	41.78
13-2	389.38	2.082	34.97
13-3	391.78	2.057	36.48
14-1	392.88	2.018	38.89
14-2	394.98	2.025	38.47
15-1	398.13	2.019	38.86
15-2	398.73	2.038	37.68
16-1	407.33	2.292	22.05
17-1	411.38	2.264	23.75
18-1	417.13	2.271	23.34
19-1	418.83	2.252	24.49
20-1	420.83	2.350	18.49
22-1	435.38	2.469	11.12
<b>Site 375</b>			
6-3	464.23	1.936	43.91
6-4	466.03	2.142	31.24
6-6	469.78	2.041	37.45
7-5	572.52	2.149	30.84
9-3	654.16	2.314	20.70
10-2	677.37	2.310	20.90
11-2	734.87	2.391	15.92
<b>Site 376</b>			
1-2	1.72	1.677	59.86
1-4	5.62	1.744	55.75
2-2	9.98	1.704	58.19
2-3	11.03	1.799	52.39
3-3	20.98	1.769	54.23
3-4	21.88	1.769	54.20
4-2	28.83	1.761	54.70
5-2	38.93	1.762	54.67
5-5	43.13	1.801	52.23

TABLE 3 - Continued

Core - Section	Subbottom Depth (m)	Wet Bulk Density (g/cc)	Porosity (wt. 90)
6-3	49.93	1.846	49.45
6-4	51.13	1.943	43.53
7-2	57.78	1.913	45.33
8-2	67.13	1.961	42.41
9-2	76.33	1.813	51.54
9-3	78.43	1.848	49.33
10-2	86.43	2.003	39.81
11-3	96.68	1.990	40.61
11-3	96.68	1.990	40.61
12-2	105.43	1.897	46.35
12-4	108.43	1.945	43.40
13-2	114.93	1.946	43.30
13-4	117.18	1.987	40.83
15-3	134.83	2.083	34.92
Site 377			
1-2	192.38	1.918	45.04
Hole 378			
1-1	85.43	1.678	59.83
1-2	86.53	1.719	57.32
2-2	95.98	1.704	58.19
2-5	100.63	1.858	48.76
3-2	105.93	1.819	51.13
5-2	124.78	1.660	60.94
6-3	145.28	1.812	51.55
7-2	171.53	1.776	53.80
7-3	173.48	1.738	56.15
8-2	219.63	1.614	63.75
11-3	306.63	1.909	45.60
11-4	307.98	1.897	46.35
Hole 378A			
3-5	299.80	1.931	44.25

TABLE 4

Sample (Interval in cm)	Subbottom Depth (m)	Density (g/cc)	Water Content (%)	Porosity (%)
Site 371				
1-2, 57	2.08	1.556	39.75	61.85
1-5, 57	6.58	1.629	34.12	55.57
2-2, 57	201.58	1.820	25.56	46.53
2-3, 57	203.08	1.792	22.45	40.23
3-3, 57	364.58	1.923	21.07	40.52
3-5, 55	367.56	1.895	22.60	42.83
4-2, 57	410.58	1.962	17.28	33.90
4-6, 56	416.57	1.916	17.59	33.70
5-2, 57	467.93	2.000	18.32	36.64
5-6, 57	473.93	2.217	15.14	33.57
8-2, 108	548.59	2.485	14.25	35.40
Site 372				
1-1, 33	112.34	1.528	29.07	44.40
1-2, 57	114.08	1.860	29.45	54.77
1-3, 57	115.58	1.785	32.62	58.23
1-4, 46	116.97	1.639	27.88	45.70
2-1, 133	132.34	1.877	25.41	47.70
2-2, 43	132.94	1.556	29.82	46.40
2-3, 57	134.58	1.958	24.29	47.55
2-4, 61	136.12	1.810	26.11	47.27
4-1, 107	151.08	1.899	23.21	44.07
4-2, 68	152.19	1.863	19.76	36.80

TABLE 4 - Continued

Sample (Interval in cm)	Subbottom Depth (m)	Density (g/cc)	Water Content (%)	Porosity (%)
5-1, 140	160.91	1.926	21.32	41.07
9-1, 108	198.59	1.946	20.79	40.47
9-2, 75	199.76	2.155	23.46	50.55
9-3, 30	200.81	1.900	20.05	38.10
9-4, 46	202.47	1.893	22.54	42.67
11-1, 125	217.76	1.844	17.58	32.40
11-2, 57	218.58	2.041	24.18	49.36
12-3, 57	229.58	1.867	18.57	34.67
12-4, 55	231.06	1.953	22.76	44.44
12-6, 53	234.04	2.058	21.96	45.20
13-1, 55	236.16	1.836	24.01	44.08
13-2, 40	237.51	1.773	22.79	40.40
13-4, 54	240.65	1.598	22.03	35.20
13-6, 57	243.68	1.919	23.08	44.28
14-4, 53	250.29	1.932	21.93	42.37
15-3, 37	257.88	1.319	22.16	29.23
15-6, 53	262.54	1.572	22.48	35.33
16-2, 60	266.11	2.079	23.33	48.50
16-3, 55	267.56	1.830	24.01	43.93
17-2, 57	275.58	1.842	24.54	45.20
17-4, 55	287.56	1.976	22.49	44.44
18-2, 56	285.07	1.696	22.81	38.68
18-4, 57	288.08	1.543	23.41	36.12
19-2, 57	294.58	1.855	21.38	39.67
Site 374				
2-1, 109	158.10	1.802	29.84	53.77
2-2, 76	159.27	1.865	25.95	48.40
2-3, 64	160.65	1.860	29.70	55.23
3-1, 110	209.11	1.936	24.71	47.83
4-2, 86	253.87	1.908	23.19	44.23
4-3, 107	255.58	1.914	26.92	51.52
4-4, 35	256.36	1.901	27.10	51.53
6-1, 67	331.63	1.918	22.32	42.80
Site 376				
1-1, 105	1.06	1.751	34.88	61.06
1-3, 54	3.55	1.566	40.11	62.80
2-1, 100	8.51	1.657	34.04	56.40
2-4, 57	12.58	1.727	33.60	58.03
3-2, 122	19.73	1.648	35.53	58.57
3-5, 110	24.11	1.720	34.32	59.03
5-3, 45	39.46	1.733	28.01	48.53
5-4, 82	41.33	1.754	32.71	57.37
7-1, 100	56.01	1.878	24.83	46.63
8-1, 96	65.47	1.951	25.63	50.00
8-3, 141	68.92	1.962	24.28	47.63
9-1, 96	74.97	1.906	27.89	53.17
9-3, 55	77.56	2.023	27.08	54.77
10-1, 87	84.38	1.873	19.93	37.33
10-3, 111	87.62	1.918	21.91	42.03
11-2, 71	95.22	1.896	23.56	44.60
12-3, 60	106.11	1.912	27.32	52.23
13-3, 106	116.07	1.677	24.47	41.03
13-3, 117	116.18	2.047	19.25	39.40
15-2, 81	133.32	1.959	20.35	39.85
Site 377				
1-1, 86	191.37	1.775	33.13	58.80
1-2, 80	192.81	1.898	31.06	58.93
Hole 378				
2-4, 52	98.53	1.841	28.97	53.32
3-1, 123	104.24	1.730	33.92	58.70
3-2, 73	105.24	1.725	33.12	57.13
6-2, 65	143.16	1.721	30.47	52.43
7-1, 55	170.06	1.865	27.24	50.80
8-1, 56	217.57	1.784	30.89	55.10
Hole 378A				
1-4, 52	51.03	1.678	34.81	58.40

TABLE 5

Sample (Interval in cm)	Density (g/cc)	Water Content (%)	Porosity (%)
<b>Site 371</b>			
1-4, 75	1.70	36.8	62.0
2-3, 75	2.00	23.4	43.6
3-5, 70	1.98	24.9	45.0
3-6, 73	2.02	25.6	47.2
4-5, 75	2.12	23.4	48.6
5-6, 63	2.11	28.4	50.9
6, CC	-	20.1	-
<b>Site 372</b>			
1-1, 143	1.77	32.9	56.0
1-4, 18	1.99	30.2	49.8
2-3, 49	1.98	26.2	49.9
3-1, 66	1.90	28.6	52.2
4-1, 79	1.93	25.9	47.9
11-3, 25	1.98	26.1	48.7
12-5, 30	1.94	24.1	44.4
14-4, 16	1.90	25.6	46.3
15-5, 54	-	25.6	-
16-5, 100	-	25.3	-
17-5, 91	-	24.4	-
18-5, 100	-	24.8	-
20-6, 28	-	25.6	-
21-6, 117	-	24.7	-
22-4, 96	-	24.9	-
23-4, 56	-	24.7	-
24-6, 29	-	25.2	-
26-3, 58	-	23.2	-
27-5, 53	-	19.0	-
28-5, 47	-	22.6	-
29-4, 99	-	25.4	-
30-5, 15	-	23.5	-
31-5, 39	-	21.0	-
31-4, 128	-	28.0	-
32-4, 28	-	23.3	-
32-5, 114	-	22.5	-
32-6, 100	-	21.5	-
33-1, 50	-	23.2	-
33-4, 77	-	22.6	-
34-2, 20	-	22.4	-
34-3, 141	-	19.8	-
35-2, 14	-	18.6	-
35-3, 58	-	20.9	-
36-4, 136	-	20.0	-
37-2, 135	-	20.6	-
38-1, 134	-	19.1	-
38-5, 15	-	19.4	-
39-1, 12	-	19.5	-
39-3, 34	-	19.5	-
40-2, 77	-	19.3	-
40-3, 01	-	20.4	-
41-4, 14	-	20.0	-
41-6, 83	-	17.5	-
42-1, 119	-	18.4	-
43-2, 70	-	16.2	-
44-1, 119	-	16.8	-
45-3, 141	-	14.8	-
46-3, 06	-	16.1	-
<b>Site 394</b>			
2-2, 74	1.88	26.9	48.6
3-1, 74	1.96	30.8	56.5
4-3, 58	2.01	25.5	46.8
5-2, 87	2.11	30.1	55.3
5-3, 105	2.01	29.6	50.7

TABLE 5 - Continued

Sample (Interval in cm)	Density (g/cc)	Water Content (%)	Porosity (%)
5-4, 11	2.08	28.3	50.2
5-5, 29	-	31.1	-
6-4, 31	1.96	31.3	52.4
6-5, 31	-	34.2	-
6-6, 78	1.96	32.4	54.4
7-4, 51	2.10	31.1	51.4
7-5, 40	2.01	31.7	50.9
7-6, 102	2.02	25.6	42.4
8-3, 27	2.14	29.9	49.9
8-4, 91	2.01	25.7	41.6
9-4, 71	-	22.4	-
10-1, 118	2.18	22.5	29.5
12-2, 71	-	32.3	-
13-2, 72	2.10	18.1	30.7
14-2, 88	2.07	20.7	33.6
15-2, 37	2.14	20.4	33.0
19-1, 66	-	21.5	-
<b>Site 375</b>			
4-4, 9	-	15.2	-
7-4, 63	-	17.0	-
9-3, 23	-	9.0	-
10-2, 71	-	12.2	-
<b>Site 376</b>			
1-2, 32	-	38.3	-
1-4, 41	-	39.5	-
2-2, 79	-	40.8	-
2-3, 68	-	34.5	-
3-3, 94	1.73	32.8	55.4
3-4, 32	1.75	34.3	58.5
5-2, 101	-	31.4	-
5-5, 12	-	33.1	-
6-3, 81	1.79	33.1	57.7
6-4, 21	-	31.0	-
8-2, 111	2.01	17.0	33.4
9-2, 31	-	29.0	-
9-3, 16	-	33.6	-
10-2, 120	-	20.1	-
11-3, 26	-	30.5	-
12-2, 129	-	28.6	-
12-4, 42	-	23.2	-
13-2, 94	-	29.6	-
13-4, 100	-	30.9	-
15-3, 14	1.92	22.1	41.3
16-1, 47	1.76	23.0	39.2
<b>Site 378</b>			
1-1, 75	-	34.43	-
2-5, 75	-	31.02	-
3-3, 105	-	32.58	-
6-3, 50	-	31.26	-
7-3, 44	-	31.05	-
8-2, 97	-	36.23	-

TABLE 6

Sample (Interval in cm)	Shear Strength (kg/cm <sup>2</sup> )
<b>Site 371</b>	
1-4, 110	0.045
2-3, 110	0.579

TABLE 6 - Continued

Sample (Interval in cm)	Shear Strength (kg/cm <sup>2</sup> )
3-6, 110	0.660
4-5, 110	1.401
<b>Site 372</b>	
1-3, 110	0.230
1-4, 129	0.481
1-4, 135	0.488
2-2, 108	0.349
2-3, 16	0.376
2-3, 27	0.598
2-4, 37	0.411
3-1, 61	0.517
3-1, 65	0.407
3-2, 48	0.334
3-3, 127	0.437
4-1, 90	0.712
4-1, 131	0.963
4-2, 79	0.823
9-2, 15	1.149
9-4, 88	1.263
10-2, 102	2.913
10-2, 133	1.066
11-3, 38	0.938
12-5, 30	0.851
14-4, 42	1.307

TABLE 7

Sample (Interval in cm)	Subbottom Depth (m)	Thermal Conductivity (mcal/cm sec <sup>2</sup> C)
<b>Site 371</b>		
1-4, 130	5.80	3.205
1-4, 140	5.90	3.495
2-3, 45	202.95	3.480
3-4, 114	366.74	3.301
3-6, 155	369.85	3.532
4-3, 90	412.40	3.737
4-3, 110	412.60	3.120
4-6, 130	417.30	4.330
5-6, 15	473.30	3.600
5-6, 30	473.45	3.671
5-6, 45	473.55	3.338
<b>Site 372</b>		
1-3, 120	116.20	3.102
2-4, 20	135.20	3.114
3-2, 55	142.55	3.334
3-3, 70	144.20	3.177
4-2, 60	152.10	3.349
10-2, 99	209.49	3.276
11-3, 48	219.98	3.099
12-5, 29	233.79	3.376
13-5, 76	242.26	3.142
13-6, 29	243.29	3.619
14-2, 41	246.91	3.548
14-4, 50	250.00	3.477
15-5, 136	261.86	3.332
16-5, 59	270.59	3.409
17-5, 60	280.10	3.618
18-5, 30	289.30	3.552
19-5, 89	299.39	3.622
20-6, 45	310.95	3.487

TABLE 7 - Continued

Sample (Interval in cm)	Subbottom Depth (m)	Thermal Conductivity (mcal/cm sec <sup>2</sup> C)
<b>Hole 373A</b>		
1-1, 127	97.77	2.255
1-2, 116	99.16	2.071
1-3, 80	100.30	2.089
<b>Site 374</b>		
1-2, 107	103.70	2.922
2-2, 106	159.56	2.895
2-3, 106	161.06	2.632
4-2, 26	253.26	3.385
4-3, 110	255.60	3.063
4-4, 114	257.14	2.804
5-2, 109	299.59	3.177
5-2, 119	299.69	3.007
5-3, 110	301.10	3.412
5-3, 121	301.21	3.284
5-4, 85	302.35	3.085
5-4, 101	302.51	3.286
5-5, 103	304.03	3.226
5-5, 111	304.11	3.209
6-4, 108	336.08	3.112
6-5, 58	337.08	2.601
6-6, 108	339.08	2.509
7-5, 92	346.92	3.369
8-3, 54	353.04	3.339
<b>Site 376</b>		
1-2, 90	2.40	2.161
1-4, 83	5.33	2.335
2-2, 89	9.89	2.485
2-3, 75	11.25	2.801
3-4, 62	22.12	2.798
4-2, 62	28.62	2.753
5-2, 73	38.23	2.721
5-2, 82	38.32	2.826
5-2, 86	38.36	2.853
5-2, 126	38.76	2.848
6-3, 82	49.32	2.996
6-4, 77	50.77	2.878
7-2, 88	57.38	2.894
8-2, 91	66.91	2.767
9-2, 75	76.25	2.758
9-3, 91	77.91	3.226
10-2, 79	85.79	3.127
12-2, 63	104.63	3.020
12-4, 63	107.63	3.001
13-2, 78	114.28	2.996
13-4, 90	116.59	2.922
<b>Site 377</b>		
1-2, 77	192.77	2.986
<b>Hole 378</b>		
2-5, 90	100.40	2.974
3-3, 89	106.89	2.939
5-2, 95	124.45	2.648
6-3, 88	144.88	2.618
7-3, 92	173.42	2.800
11-3, 85	306.35	3.211
<b>Hole 378A</b>		
1-5, 82	52.82	2.836
3-5, 101	300.01	3.625