

APPENDIX H
BULK DENSITY, MOISTURE CONTENT, AND SPECIFIC GRAVITY
RESULTS – SHELF-WIDE

Table 1 - Testing Results for Sediment Core ID BA1B012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA1B01201301	0-2	0.87	1.47	69.8	2.82
BA1B01201303	2-4	0.98	1.54	57.2	2.84
BA1B01201305	4-6	1.02	1.58	53.8	2.71
BA1B01201307	6-8	1.02	1.60	56.6	2.79
BA1B01201309-11	8-12	1.18	1.66	41.0	2.75
BA1B01201313-15	12-16	1.15	1.63	41.7	2.66
BA1B01201317-19	16-20	1.16	1.65	41.9	2.68
BA1B01201321-23	20-24	1.13	1.69	50.0	2.77
BA1B01201325-27	24-28	1.22	1.72	40.9	2.68
BA1B01201329-31	28-32	1.10	1.61	46.3	2.68
BA1B01201333-35	32-36	1.11	1.61	44.2	2.70
BA1B01201337-39	36-40	1.11	1.63	47.3	2.71
BA1B01201341-43	40-44	1.14	1.66	45.9	2.69
BA1B01201345-47	44-48	1.14	1.67	46.0	2.65
BA1B01201349-51	48-52	1.15	1.67	45.4	2.63
BA1B01201353-55	52-56	1.12	1.64	46.0	2.69
BA1B01201357	56-58	1.11	1.62	46.3	2.71

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 2 - Testing Results for Sediment Core ID BA1C012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA1C01201301	0-2	0.77	1.42	83.2	2.46
BA1C01201303	2-4	0.92	1.48	60.5	2.69
BA1C01201305	4-6	1.01	1.56	55.0	2.73
BA1C01201307	6-8	0.98	1.51	55.0	2.80
BA1C01201309-11	8-12	1.03	1.60	54.8	2.68
BA1C01201313-15	12-16	0.91	1.51	66.8	2.71
BA1C01201317-19	16-20	0.89	1.48	65.9	2.70
BA1C01201321-23	20-24	0.92	1.51	64.2	2.68
BA1C01201325-27	24-28	1.05	1.59	52.2	2.70
BA1C01201329-31	28-32	1.14	1.68	48.4	2.72
BA1C01201333-35	32-36	1.18	1.67	41.6	2.70
BA1C01201337-39	36-40	1.11	1.60	44.4	2.67
BA1C01201341-43	40-44	1.22	1.70	38.7	2.71
BA1C01201345-47	44-48	1.23	1.72	39.7	2.69

Abbreviations
cm - Centimeter
g - Grams

Footnotes
¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California
² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California
³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 3 - Testing Results for Sediment Core ID BA1DC012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA1DC01201301	0-2	0.91	1.47	61.4	2.73
BA1DC01201303	2-4	1.08	1.59	46.8	2.78
BA1DC01201305	4-6	1.08	1.57	46.0	2.77
BA1DC01201307	6-8	1.19	1.68	41.9	2.73
BA1DC01201309-11	8-12	1.16	1.67	43.8	2.74
BA1DC01201313-15	12-16	1.12	1.65	47.0	2.72
BA1DC01201317-19	16-20	1.13	1.61	43.1	2.72
BA1DC01201321-23	20-24	1.18	1.73	47.0	2.77
BA1DC01201325-27	24-28	1.35	1.80	33.0	2.76
BA1DC01201329	28-30	1.32	1.74	32.1	2.72

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 4 - Testing Results for Sediment Core ID BA2B012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA2B01201301	0-2	0.92	1.51	64.5	2.69
BA2B01201303	2-4	0.93	1.52	62.8	2.75
BA2B01201305	4-6	1.03	1.56	51.1	2.67
BA2B01201307	6-8	1.05	1.57	48.5	2.76
BA2B01201309-11	8-12	1.12	1.63	45.6	2.80
BA2B01201313-15	12-16	1.22	1.69	38.6	2.71
BA2B01201317-19	16-20	1.26	1.74	38.5	2.69
BA2B01201321-23	20-24	1.24	1.70	37.1	2.63
BA2B01201325-27	24-28	1.25	1.70	36.8	2.66
BA2B01201329-31	28-32	1.30	1.79	37.7	2.73

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 5 - Testing Results for Sediment Core ID BA2B022013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA2B02201301	0-2	0.79	1.48	87.9	2.75
BA2B02201303	2-4	0.88	1.51	72.1	2.78
BA2B02201305	4-6	0.98	1.54	56.6	2.70
BA2B02201307	6-8	1.03	1.57	52.0	2.68
BA2B02201309-11	8-12	1.20	1.70	42.1	2.69
BA2B02201313-15	12-16	1.21	1.70	40.6	2.65
BA2B02201317-19	16-20	1.17	1.69	44.5	2.75

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 6 - Testing Results for Sediment Core ID BA2C012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm3)	Bulk density (wet)¹ (g/cm3)	Moisture Content² (percent)	Specific gravity³
BA2C01201301	0-2	0.95	1.52	60.5	2.68
BA2C01201303	2-4	0.93	1.53	64.7	2.65
BA2C01201305	4-6	1.03	1.55	50.5	2.65
BA2C01201307	6-8	1.04	1.55	48.8	2.66
BA2C01201309-11	8-12	1.01	1.58	55.9	2.61
BA2C01201313-15	12-16	1.00	1.60	60.0	2.64
BA2C01201317-19	16-20	0.90	1.52	68.4	2.63
BA2C01201321-23	20-24	0.79	1.45	82.8	2.64
BA2C01201325-27	24-28	0.96	1.50	56.3	2.63
BA2C01201329-31	28-32	1.09	1.59	46.2	2.56
BA2C01201333-35	32-36	1.14	1.64	43.8	2.64
BA2C01201337-39	36-40	1.14	1.63	43.3	2.76
BA2C01201341-43	40-44	1.09	1.53	41.1	2.75
BA2C01201345-47	44-48	1.10	1.66	50.5	2.67
BA2C01201349-51	48-52	1.09	1.56	43.3	2.71
BA2C01201353-55	52-56	1.16	1.70	47.1	2.66
BA2C01201357-59	56-60	1.12	1.63	45.6	2.69

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 7 - Testing Results for Sediment Core ID BA2DC012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA2DC01201301	0-2	1.05	1.58	50.9	2.75
BA2DC01201303	2-4	1.15	1.66	43.5	2.82
BA2DC01201305	4-6	1.15	1.68	46.1	2.80
BA2DC01201307	6-8	1.20	1.68	39.6	2.83
BA2DC01201309-11	8-12	1.30	1.75	34.9	2.75
BA2DC01201313-15	12-16	1.32	1.78	34.8	2.74
BA2DC01201317-19	16-20	1.29	1.74	34.8	2.78
BA2DC01201321-23	20-24	1.28	1.71	33.6	2.78
BA2DC01201325-27	24-28	1.29	1.71	32.4	2.75
BA2DC01201329-31	28-32	1.26	1.71	35.3	2.76
BA2DC01201333-35	32-36	1.28	1.73	34.8	2.73
BA2DC01201335-39	36-40	1.37	1.79	31.2	2.76
BA2DC01201341-43	40-44	1.36	1.78	30.3	2.82
BA2DC01201345	44-46	1.42	1.79	25.7	2.78

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 8 - Testing Results for Sediment Core ID BA3B012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA3B01201301	0-2	0.98	1.50	53.5	2.65
BA3B01201303	2-4	0.95	1.48	55.8	2.65
BA3B01201305	4-6	0.99	1.60	61.9	2.67
BA3B01201307	6-8	0.99	1.54	56.0	2.72
BA3B01201309-11	8-12	1.18	1.70	43.6	2.68
BA3B01201313-15	12-16	1.18	1.66	40.8	2.70
BA3B01201317-19	16-20	1.19	1.66	40.2	2.73
BA3B01201321-23	20-24	1.27	1.74	36.8	2.70
BA3B01201325-27	24-28	1.31	1.76	34.9	2.69
BA3B01201329-31	28-32	1.27	1.74	37.4	2.69
BA3B01201333	32-34	1.23	1.72	39.8	2.75

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 9 - Testing Results for Sediment Core ID BA3C012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm3)	Bulk density (wet)¹ (g/cm3)	Moisture Content² (percent)	Specific gravity³
BA3C01201301	0-2	0.71	1.32	86.9	2.73
BA3C01201303	2-4	0.90	1.43	59.0	2.67
BA3C01201305	4-6	0.94	1.50	59.3	2.68
BA3C01201307	6-8	0.99	1.50	52.6	2.73
BA3C01201309-11	8-12	0.98	1.54	57.1	2.66
BA3C01201313-15	12-16	0.99	1.60	60.9	2.71
BA3C01201317-19	16-20	0.96	1.54	61.4	2.71
BA3C01201321-23	20-24	0.93	1.50	61.8	2.74
BA3C01201325-27	24-28	0.91	1.50	64.2	2.63
BA3C01201329-31	28-32	0.91	1.48	63.0	2.59
BA3C01201333-35	32-36	0.74	1.36	84.6	2.66
BA3C01201337-39	36-40	0.98	1.54	56.8	2.75
BA3C01201341-43	40-44	1.11	1.64	47.4	2.74
BA3C01201345-47	44-48	1.18	1.68	42.7	2.76
BA3C01201349-51	48-52	1.24	1.72	38.8	2.75
BA3C01201353-55	52-56	1.21	1.72	42.4	2.73
BA3C01201357-59	56-60	1.19	1.73	45.1	2.73
BA3C01201361-63	60-64	1.22	1.73	41.1	2.74
BA3C01201365	64-66	1.31	1.84	40.6	2.70

Abbreviations
cm - Centimeter
g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 10 - Testing Results for Sediment Core ID BA3DC012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA3DC01201301	0-2	0.85	1.45	71.0	2.78
BA3DC01201303	2-4	1.09	1.63	49.0	2.77
BA3DC01201305	4-6	1.05	1.61	53.1	2.68
BA3DC01201307	6-8	1.08	1.63	50.9	2.71
BA3DC01201309-11	8-12	1.03	1.58	53.6	2.77
BA3DC01201313-15	12-16	1.09	1.59	46.1	2.73
BA3DC01201317-19	16-20	1.13	1.66	45.9	2.73
BA3DC01201321-23	20-24	1.13	1.63	44.0	2.74
BA3DC01201325-27	24-28	1.11	1.60	44.7	2.73
BA3DC01201329-31	28-32	1.12	1.62	44.2	2.72
BA3DC01201333-35	32-36	1.11	1.61	45.9	2.73
BA3DC01201337-39	36-40	1.08	1.60	48.5	2.75
BA3DC01201341-43	40-44	1.12	1.64	47.5	2.73
BA3DC01201345-47	44-48	1.15	1.64	42.2	2.72
BA3DC01201349-51	48-52	1.21	1.68	39.1	2.75
BA3DC01201353-55	52-56	1.23	1.69	37.6	2.74
BA3DC01201357	56-58	1.27	1.74	37.3	2.86

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 11 - Testing Results for Sediment Core ID BA4B012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA4B01201301	0-2	0.72	1.40	93.6	2.67
BA4B01201303	2-4	0.75	1.38	85.7	2.73
BA4B01201305	4-6	0.71	1.35	91.4	2.65
BA4B01201307	6-8	0.64	1.34	107.7	2.60
BA4B01201309-11	8-12	0.70	1.35	93.0	2.57
BA4B01201313-15	12-16	0.78	1.49	90.5	2.54
BA4B01201317-19	16-20	1.09	1.61	47.6	2.73
BA4B01201321-23	20-24	1.05	1.58	50.7	2.69
BA4B01201325-27	24-28	1.09	1.60	46.3	2.68
BA4B01201329-31	28-32	1.06	1.57	47.3	2.70
BA4B01201333-35	32-26	1.06	1.59	49.4	2.71
BA4B01201337-39	36-40	1.19	1.68	40.9	2.71
BA4B01201341-43	40-44	1.24	1.72	38.3	2.75
BA4B01201345-47	44-48	1.20	1.69	40.9	2.72
BA4B01201349-51	48-52	1.23	1.73	39.9	2.75
BA4B01201353-55	52-56	1.22	1.68	37.9	2.71

Abbreviations
cm - Centimeter
g - Grams

Footnotes

- ¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California
² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California
³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 12 - Testing Results for Sediment Core ID BA4C012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA4C01201301	0-2	0.60	1.36	126.4	2.49
BA4C01201303	2-4	0.80	1.40	74.0	2.79
BA4C01201305	4-6	0.87	1.47	69.0	2.67
BA4C01201307	6-8	0.88	1.45	65.5	2.68
BA4C01201309-11	8-12	0.89	1.51	71.1	2.67
BA4C01201313-15	12-16	0.93	1.51	62.6	2.66
BA4C01201317-19	16-20	0.96	1.49	55.1	2.62
BA4C01201321-23	20-24	0.90	1.48	64.0	2.60
BA4C01201325-27	24-28	0.80	1.42	76.6	2.68
BA4C01201329-31	28-32	0.66	1.23	88.0	2.56
BA4C01201333-35	32-26	0.63	1.24	96.4	2.59
BA4C01201337-39	36-40	0.63	1.36	114.9	2.54
BA4C01201341-43	40-44	1.00	1.50	50.5	2.66
BA4C01201345-47	44-48	1.09	1.67	53.7	2.70
BA4C01201349-51	48-52	1.02	1.60	56.7	2.72
BA4C01201353-55	52-56	1.14	1.64	43.3	2.66
BA4C01201357-59	56-60	1.07	1.63	51.7	2.67
BA4C01201361	60-62	1.15	1.65	43.5	2.78

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 13 - Testing Results for Sediment Core ID BA4C022013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA4C02201301	0-2	0.74	1.39	88.9	2.73
BA4C02201303	2-4	0.91	1.48	63.4	2.67
BA4C02201305	4-6	0.94	1.51	59.9	2.63
BA4C02201307	6-8	0.90	1.49	65.4	2.72
BA4C02201309-11	8-12	0.92	1.49	62.1	2.63
BA4C02201313-15	12-16	0.90	1.47	63.8	2.76
BA4C02201317-19	16-20	0.80	1.42	77.0	2.68
BA4C02201321-23	20-24	0.74	1.40	88.2	2.68
BA4C02201325-27	24-28	0.54	1.21	122.9	2.61
BA4C02201329-31	28-32	0.50	1.25	150.7	2.55
BA4C02201333-35	32-36	0.60	1.30	117.6	2.62
BA4C02201337-39	36-40	1.14	1.64	44.4	2.69
BA4C02201341-43	40-44	1.15	1.67	46.0	2.72
BA4C02201345-47	44-48	0.89	1.52	70.0	2.75
BA4C02201349-51	48-52	1.18	1.70	44.7	2.70
BA4C02201353-55	52-56	1.28	1.73	35.0	2.72
BA4C02201357-59	56-60	1.26	1.77	39.9	2.71
BA4C02201361	60-62	1.21	1.74	43.9	2.73

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 14 - Testing Results for Sediment Core ID BA4DC012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA4DC01201301	0-2	0.75	1.44	92.8	2.73
BA4DC01201303	2-4	0.79	1.44	82.5	2.64
BA4DC01201305	4-6	0.86	1.46	69.0	2.56
BA4DC01201307	6-8	0.88	1.46	66.3	2.68
BA4DC01201309-11	8-12	0.86	1.51	74.8	2.63
BA4DC01201313-15	12-16	0.82	1.43	74.5	2.68
BA4DC01201317-19	16-20	0.79	1.38	73.5	2.60
BA4DC01201321-23	20-24	0.75	1.42	88.2	2.59
BA4DC01201325-27	24-28	0.85	1.40	64.9	2.63
BA4DC01201329-31	28-32	0.86	1.39	62.2	2.64
BA4DC01201333-35	32-36	0.90	1.47	63.5	2.63
BA4DC01201337-39	36-40	0.89	1.47	65.6	2.67
BA4DC01201341-43	40-44	0.86	1.46	69.1	2.66
BA4DC01201345-47	44-48	0.87	1.47	68.2	2.65
BA4DC01201349-51	48-52	0.85	1.46	71.7	2.66
BA4DC01201353-55	52-56	0.81	1.43	77.2	2.65
BA4DC01201357-59	56-60	0.79	1.49	88.4	2.59
BA4DC01201361-63	60-64	0.87	1.48	70.6	2.67
BA4DC01201365-67	64-68	1.02	1.56	53.2	2.69
BA4DC01201369-71	68-72	0.97	1.45	49.5	2.64
BA4DC01201373-75	72-76	1.13	1.65	45.6	2.65
BA4DC01201377-79	76-80	1.12	1.63	44.8	2.68
BA4DC01201381-83	80-84	1.23	1.73	40.2	2.71
BA4DC01201385	84-86	1.06	1.49	40.6	2.63

Abbreviations
cm - Centimeter
g - Grams

Footnotes
¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California
² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California
³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 15 - Testing Results for Sediment Core ID BA5B012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA5B01201301	0-2	0.63	1.28	105.1	2.56
BA5B01201303	2-4	0.65	1.30	100.7	2.60
BA5B01201305	4-6	0.56	1.23	119.1	2.57
BA5B01201307	6-8	0.49	1.19	140.1	2.61
BA5B01201309-11	8-12	0.47	1.15	146.3	2.56
BA5B01201313-15	12-16	0.45	1.21	170.2	2.55
BA5B01201317-19	16-20	0.68	1.37	100.8	2.75
BA5B01201321-23	20-24	1.02	1.57	53.7	2.79
BA5B01201325-27	24-28	1.03	1.58	52.6	2.77
BA5B01201329-31	28-32	1.05	1.59	51.5	2.67
BA5B01201333-35	32-36	1.04	1.59	52.8	2.78
BA5B01201337-39	36-40	1.00	1.56	55.4	2.78
BA5B01201341-43	40-44	0.92	1.60	73.1	2.80
BA5B01201345-47	44-48	1.18	1.71	44.9	2.74
BA5B01201349-51	48-52	1.18	1.65	40.4	2.77
BA5B01201353-55	52-56	1.19	1.67	40.9	2.77
BA5B01201357-59	56-60	1.16	1.61	38.6	2.73
BA5B01201361-63	60-64	1.22	1.67	36.8	2.67
BA5B01201365	64-66	1.22	1.69	38.2	2.73

Abbreviations
cm - Centimeter
g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 16 - Testing Results for Sediment Core ID BA5B022013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA5B02201301	0-2	0.71	1.36	91.8	2.53
BA5B02201303	2-4	0.66	1.31	98.6	2.65
BA5B02201305	4-6	0.59	1.28	116.1	2.41
BA5B02201307	4-8	0.54	1.25	129.1	2.48
BA5B02201309-11	8-12	0.44	1.16	164.7	2.44
BA5B02201313-15	12-16	0.47	1.21	158.5	2.43
BA5B02201317-19	16-20	0.67	1.37	105.2	2.52
BA5B02201321-23	20-24	0.91	1.46	60.9	2.62
BA5B02201325-27	24-28	0.96	1.51	57.2	2.64
BA5B02201329-31	28-32	1.03	1.57	52.1	2.67
BA5B02201333-35	32-36	1.05	1.58	50.3	2.69
BA5B02201337-39	36-40	1.05	1.56	48.0	2.69
BA5B02201341-43	40-44	1.00	1.52	51.2	2.70
BA5B02201345-47	44-48	1.10	1.63	47.8	2.69
BA5B02201349-51	48-52	1.08	1.65	52.9	2.65
BA5B02201353-55	52-56	1.19	1.67	40.8	2.73
BA5B02201357-59	56-60	1.26	1.76	39.5	2.69
BA5B02201361-63	60-64	1.23	1.68	36.6	2.66
BA5B02201365-67	64-68	1.24	1.70	37.0	2.72

Abbreviations
cm - Centimeter
g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 17 - Testing Results for Sediment Core ID BA5C012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA5C01201301	0-2	0.66	1.34	103.7	2.64
BA5C01201303	2-4	0.72	1.35	87.4	2.67
BA5C01201305	4-6	0.73	1.36	87.1	2.59
BA5C01201307	6-8	0.80	1.40	75.0	2.61
BA5C01201309-11	8-12	0.85	1.45	71.3	2.72
BA5C01201313-15	12-16	0.74	1.36	83.3	2.64
BA5C01201317-19	16-20	0.74	1.36	84.5	2.51
BA5C01201321-23	20-24	0.69	1.33	92.1	2.57
BA5C01201325-27	24-28	0.61	1.35	120.7	2.59
BA5C01201329-31	28-32	0.55	1.23	124.1	2.52
BA5C01201333-35	32-36	0.45	1.15	154.6	2.32
BA5C01201337-39	36-40	0.51	1.23	142.8	2.43
BA5C01201341-43	40-44	0.49	1.20	145.8	2.41
BA5C01201345-47	44-48	0.52	1.19	129.0	2.39
BA5C01201349-51	48-52	0.56	1.29	131.6	2.54
BA5C01201353-55	52-56	0.78	1.45	85.1	2.58
BA5C01201357-59	56-60	1.17	1.67	42.8	2.69
BA5C01201361-63	60-64	1.17	1.64	40.1	2.78
BA5C01201365-67	64-68	1.10	1.58	43.8	2.65
BA5C01201369-71	68-72	1.01	1.62	60.5	2.71
BA5C01201373-75	72-76	0.90	1.47	63.4	2.68
BA5C01201377-79	76-80	1.21	1.69	39.2	2.71

Abbreviations
cm - Centimeter
g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 18 - Testing Results for Sediment Core ID BA5DC012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA5DC01201301	0-2	0.78	1.39	79.2	2.67
BA5DC01201303	2-4	0.84	1.41	67.5	2.64
BA5DC01201305	4-6	0.90	1.48	63.9	2.72
BA5DC01201307	6-8	0.90	1.46	61.8	2.68
BA5DC01201309-11	8-12	0.92	1.50	62.4	2.50
BA5DC01201313-15	12-16	0.86	1.46	69.4	2.67
BA5DC01201317-19	16-20	0.89	1.48	67.0	2.69
BA5DC01201321-23	20-24	0.85	1.40	65.2	2.70
BA5DC01201325-27	24-28	0.82	1.40	70.6	2.71
BA5DC01201329-31	28-32	0.95	1.52	60.6	2.69
BA5DC01201333-35	32-36	0.92	1.49	61.3	2.78
BA5DC01201337-39	36-40	0.94	1.50	60.6	2.68
BA5DC01201341-43	40-44	0.93	1.51	61.9	2.66
BA5DC01201345-47	44-48	0.97	1.53	57.4	2.66
BA5DC01201349-51	48-52	1.02	1.57	54.3	2.65
BA5DC01201353-55	52-56	0.99	1.49	50.1	2.64
BA5DC01201357-59	56-60	0.86	1.44	68.3	2.64
BA5DC01201361-63	60-64	0.84	1.43	70.4	2.64
BA5DC01201365-67	64-68	0.95	1.51	58.1	2.70
BA5DC01201369-71	68-72	0.93	1.53	63.5	2.71
BA5DC01201373-75	72-76	1.15	1.63	41.7	2.70
BA5DC01201377-79	76-80	1.14	1.64	44.1	2.66

Abbreviations
cm - Centimeter
g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 19 - Testing Results for Sediment Core ID BA6B012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA6B01201301	0-2	0.57	1.29	126.4	2.73
BA6B01201303	2-4	0.61	1.23	102.3	2.73
BA6B01201305	4-6	0.57	1.20	110.2	2.71
BA6B01201307	6-8	0.47	1.16	148.2	2.73
B6AB01201309-11	8-12	0.46	1.18	154.8	2.43
BA6B01201313-15	12-16	0.71	1.26	77.1	2.58
BA6B01201317-19	16-20	0.96	1.55	61.4	2.66
BA6B01201321-23	20-24	1.02	1.55	52.6	2.64
BA6B01201325-27	24-28	1.07	1.56	46.7	2.71
BA6B01201329-31	28-32	1.10	1.61	46.0	2.68
BA6B01201333-35	32-26	1.13	1.65	45.6	2.66
BA6B01201337-39	36-40	1.08	1.60	48.0	2.71
BA6B01201341-43	40-44	1.05	1.54	46.4	2.71
BA6B01201345-47	44-48	1.33	1.90	42.3	2.71
BA6B01201349-51	48-52	1.19	1.74	46.3	2.75
BA6B01201353-55	52-56	1.17	1.60	36.8	2.72
BA6B01201357-59	56-60	1.20	1.67	39.6	2.72
B6AB01201361-63	60-64	1.10	1.59	44.1	2.61
BA6B01201365-57	64-48	1.12	1.63	46.0	2.67
BA6B01201369-71	68-72	1.13	1.63	43.6	2.66
BA6B01201373-75	72-76	1.10	1.61	46.4	2.70
BA6B01201377	76-78	1.11	1.63	46.4	2.68

Abbreviations
cm - Centimeter
g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 20 - Testing Results for Sediment Core ID BA6BC012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA6BC01201301	0-2	0.58	1.28	119.1	2.81
BA6BC01201303	2-4	0.57	1.23	115.7	2.55
BA6BC01201305	4-6	0.61	1.29	109.8	2.65
BA6BC01201307	6-8	0.60	1.29	116.0	2.57
BA6BC01201309-11	8-12	0.53	1.20	124.6	2.79
BA6BC01201313-15	12-16	0.88	1.66	88.3	2.59
BA6BC01201317-19	16-20	1.36	1.81	32.6	2.83
BA6BC01201321-23	20-24	1.36	1.79	31.4	2.81
BA6BC01201325-27	24-28	1.27	1.75	38.1	2.79
BA6BC01201329-31	28-32	1.31	1.72	31.0	2.80

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 21 - Testing Results for Sediment Core ID BA6C012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA6C01201301	0-2	0.68	1.31	93.0	2.53
BA6C01201303	2-4	0.75	1.42	88.7	2.64
BA6C01201305	4-6	0.87	1.45	68.0	2.66
BA6C01201307	6-8	0.79	1.40	77.0	2.67
BA6C01201309-11	8-12	0.87	1.49	71.3	2.64
BA6C01201313-15	12-16	0.73	1.39	89.4	2.64
BA6C01201317-19	16-20	0.65	1.29	97.8	2.44
BA6C01201321-23	20-24	0.58	1.25	117.1	2.49
BA6C01201325-27	24-28	0.49	1.23	151.6	2.48
BA6C01201329-31	28-32	0.51	1.18	132.2	2.47
BA6C01201333-35	32-36	0.47	1.19	154.3	2.28
BA6C01201337-39	36-40	0.43	1.17	170.4	2.43
BA6C01201341-43	40-44	0.48	1.13	138.4	2.43
BA6C01201345-47	44-48	0.47	1.20	155.9	2.47
BA6C01201349-51	48-52	0.57	1.27	124.2	2.44
BA6C01201353-55	52-56	0.86	1.31	52.7	2.62
BA6C01201357-59	56-60	1.12	1.62	45.6	2.74
BA6C01201361-63	60-64	1.04	1.53	46.2	2.72
BA6C01201365-67	64-68	1.15	1.65	43.6	2.69
BA6C01201369-71	68-72	0.93	1.28	38.3	2.73
BA6C01201373-75	72-76	1.22	1.69	39.1	2.74
BA6C01201377-79	76-80	1.21	1.67	38.0	2.70

Abbreviations
cm - Centimeter
g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 22 - Testing Results for Sediment Core ID BA6DC012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA6DC01201301	0-2	0.83	1.44	73.9	2.73
BA6DC01201303	2-4	1.07	1.62	51.9	2.62
BA6DC01201305	4-6	1.10	1.61	46.5	2.71
BA6DC01201307	6-8	1.14	1.65	45.1	2.67
BA6DC01201309-11	8-12	1.05	1.61	53.6	2.39
BA6DC01201313-15	12-16	1.08	1.59	47.1	2.66
BA6DC01201317-19	16-20	1.13	1.66	46.4	2.69
BA6DC01201321-23	20-24	1.13	1.67	47.6	2.66
BA6DC01201325-27	24-28	1.06	1.57	48.8	2.79
BA6DC01201329-31	28-32	1.04	1.57	50.8	2.69
BA6DC01201333-35	32-36	1.01	1.56	53.7	2.68
BA6DC01201337-39	36-40	0.99	1.54	55.1	2.69
BA6DC01201341-43	40-44	1.04	1.56	50.4	2.71
BA6DC01201345-47	44-48	1.11	1.63	47.5	2.76
BA6DC01201349-51	48-52	1.19	1.70	42.7	2.70
BA6DC01201353	52-54	1.18	1.67	41.3	2.73

Abbreviations
cm - Centimeter
g - Grams

Footnotes

- ¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California
² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California
³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 23 - Testing Results for Sediment Core ID BA7B012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA7B01201301	0-2	0.57	1.34	133.1	2.50
BA7B01201303	2-4	0.60	1.30	118.1	2.65
BA7B01201305	4-6	0.75	1.34	77.9	2.67
BA7B01201307	6-8	0.80	1.45	79.8	2.65
BA7B01201309-11	8-12	1.00	1.55	54.4	2.66
BA7B01201313-15	12-16	1.02	1.54	50.9	2.69
BA7B01201317-19	16-20	1.06	1.61	52.0	2.69
BA7B01201321-23	20-24	1.11	1.61	45.7	2.73
BA7B01201325-27	24-28	1.09	1.59	46.3	2.72
BA7B01201329-31	28-32	1.13	1.62	43.4	2.70
BA7B01201333-35	32-36	1.18	1.64	39.6	2.72
BA7B01201337-39	36-40	1.02	1.60	56.3	2.68
BA7B01201341-43	40-44	1.21	1.69	39.8	2.70
BA7B01201345-47	44-48	1.13	1.66	46.5	2.70
BA7B01201349	48-50	1.11	1.65	48.9	2.68

Abbreviations
cm - Centimeter
g - Grams

Footnotes
¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California
² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California
³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 24 - Testing Results for Sediment Core ID BA7BC012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA7BC01201301	0-2	0.95	1.50	58.9	2.77
BA7BC01201303	2-4	0.78	1.46	86.9	2.68
BA7BC01201305	4-6	1.01	1.57	56.1	2.75
BA7BC01201307	6-8	1.16	1.66	42.4	2.77
BA7BC01201309-11	8-12	1.27	1.71	34.6	2.79
BA7BC01201313-15	12-16	1.18	1.66	40.9	2.70
BA7BC01201317-19	16-20	1.19	1.71	43.1	2.76
BA7BC01201321-23	20-24	1.26	1.69	33.9	2.72

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 25 - Testing Results for Sediment Core ID BA7C012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA7C01201301	0-2	0.64	1.43	124.4	2.54
BA7C01201303	2-4	0.93	1.52	63.6	2.54
BA7C01201305	4-6	1.09	1.60	47.8	2.63
BA7C01201307	6-8	1.21	1.74	43.2	2.62
BA7C01201309-11	8-12	1.41	1.76	25.2	2.68
BA7C01201313-15	12-16	1.39	1.82	30.4	2.73
BA7C01201317-19	16-20	0.85	1.46	71.6	2.68
BA7C01201321-23	20-24	0.80	1.36	71.2	2.60
BA7C01201325-27	24-28	0.59	1.27	115.3	2.61
BA7C01201329-31	28-32	0.55	1.16	111.5	2.54
BA7C01201333-35	32-36	0.47	1.20	152.8	2.52
BA7C01201337-39	36-40	0.38	1.17	203.1	2.48
BA7C01201341-43	40-44	0.56	1.33	139.1	2.52
BA7C01201345-47	44-48	0.62	1.23	98.4	2.53
BA7C01201349-51	48-52	0.74	1.29	75.4	2.58
BA7C01201353-55	52-56	1.05	1.63	55.7	2.70
BA7C01201357-59	56-60	1.17	1.71	46.1	2.61
BA7C01201361-63	60-64	1.07	1.65	53.8	2.71
BA7C01201365-67	64-68	1.21	1.69	39.6	2.74

Abbreviations
cm - Centimeter
g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 26 - Testing Results for Sediment Core ID BA7DC012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA7DC01201301	0-2	1.04	1.56	49.5	2.63
BA7DC01201303	2-4	1.20	1.69	41.3	2.70
BA7DC01201305	4-6	1.17	1.66	41.7	2.74
BA7DC01201307	6-8	1.16	1.67	44.4	2.68
BA7DC01201309-11	8-12	1.23	1.70	38.2	2.77
BA7DC01201313-15	12-16	1.33	1.76	32.7	2.70
BA7DC01201317-19	16-20	1.43	1.86	29.7	2.72
BA7DC01201321-23	20-24	1.27	1.70	33.4	2.74
BA7DC01201325-27	24-28	1.31	1.73	32.1	2.79
BA7DC01201329-31	28-32	1.40	1.80	28.5	2.77
BA7DC01201333-35	32-36	1.22	1.67	36.6	2.75
BA7DC01201337-39	36-40	1.19	1.65	38.6	2.70
BA7DC01201341-43	40-44	1.11	1.61	45.4	2.72
BA7DC01201345-47	44-48	1.12	1.65	46.7	2.72
BA7DC01201349-51	48-52	1.18	1.70	44.3	2.65
BA7DC01201353-55	52-56	1.07	1.59	49.5	2.72
BA7DC01201357-59	56-60	1.07	1.58	48.1	2.69

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 27 - Testing Results for Sediment Core ID BA8B012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA8B01201301	0-2	0.63	1.30	104.4	2.78
BA8B01201303	2-4	0.66	1.31	96.7	2.66
BA8B01201305	4-6	0.63	1.32	108.3	2.66
BA8B01201307	6-8	0.63	1.32	107.8	2.49
BA8B01201309-11	8-12	0.89	1.45	63.2	2.68
BA8B01201313-15	12-16	0.99	1.52	53.5	2.71
BA8B01201317-19	16-20	0.81	1.47	81.6	2.66
BA8B01201321-23	20-24	1.07	1.59	48.2	2.61
BA8B01201325-27	24-28	1.00	1.57	56.8	2.69
BA8B01201329-31	28-32	0.77	1.38	79.8	2.63
BA8B01201333-35	32-36	1.27	1.73	36.9	2.68
BA8B01201337-39	36-40	1.26	1.75	38.3	2.68
BA8B01201341-43	40-44	1.22	1.70	39.5	2.67
BA8B01201345-47	44-48	1.16	1.64	41.5	2.67
BA8B01201349-51	48-52	1.06	1.59	50.6	2.68
BA8B01201353-55	52-56	1.13	1.63	44.3	2.68
BA8B01201357-59	56-60	1.12	1.64	45.6	2.71

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 28 - Testing Results for Sediment Core ID BA8BC012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA8BC01201301	0-2	0.73	1.43	95.4	2.77
BA8BC01201303	2-4	0.91	1.60	76.1	2.67
BA8BC01201305	4-6	0.85	1.41	66.1	2.82
BA8BC01201307	6-8	1.04	1.60	54.9	2.76
BA8BC01201309-11	8-12	1.14	1.66	44.8	2.70
BA8BC01201313-15	12-16	1.25	1.65	31.8	2.75
BA8BC01201317-19	16-20	1.19	1.74	46.3	2.71
BA8BC01201321-23	20-24	1.15	1.70	47.5	2.68
BA8BC01201325-27	24-28	1.29	1.79	38.3	2.72
BA8BC01201329-31	28-32	1.30	1.78	36.9	2.76
BA8BC01201333-35	32-36	1.20	1.60	33.2	2.73

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 29 - Testing Results for Sediment Core ID BA8C012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA8C01201301	0-2	0.58	1.28	118.9	2.43
BA8C01201303	2-4	0.73	1.33	81.6	2.50
BA8C01201305	4-6	0.75	1.34	79.1	2.43
BA8C01201307	6-8	0.77	1.37	78.7	2.44
BA8C01201309-11	8-12	0.74	1.44	94.2	2.50
BA8C01201313-15	12-16	0.57	1.20	110.4	2.30
BA8C01201317-19	16-20	0.31	1.04	231.6	2.21
BA8C01201321-23	20-24	0.32	1.08	234.6	2.05
BA8C01201325-27	24-28	0.34	1.11	224.1	2.08
BA8C01201329-31	28-32	0.42	1.13	167.9	2.34
BA8C01201333-35	32-36	0.39	1.09	181.6	2.37
BA8C01201337-39	36-40	0.59	1.24	111.3	2.29
BA8C01201341-43	40-44	0.52	1.15	122.3	2.22
BA8C01201345-47	44-48	0.55	1.15	107.3	2.48
BA8C01201349-51	48-52	0.61	1.25	103.0	2.30
BA8C01201353-55	52-56	0.50	1.15	130.2	2.54
BA8C01201357-59	56-60	0.35	1.04	197.9	2.49
BA8C01201361-63	60-64	1.01	1.49	46.6	2.71
BA8C01201365-67	64-68	1.21	1.71	41.6	2.76
BA8C01201369-71	68-72	1.21	1.69	39.1	2.75
BA8C01201373-75	72-76	1.27	1.74	37.8	2.77
BA8C01201377-79	76-80	1.20	1.69	40.3	2.77

Abbreviations
cm - Centimeter
g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 30 - Testing Results for Sediment Core ID BA8DC012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA8DC01201301	0-2	0.78	1.47	87.9	2.68
BA8DC01201303	2-4	0.95	1.51	58.6	2.77
BA8DC01201305	4-6	1.08	1.63	50.3	2.71
BA8DC01201307	6-8	1.11	1.66	49.7	2.79
BA8DC01201309-11	8-12	1.13	1.66	47.1	2.68
BA8DC01201313-15	12-16	1.15	1.67	46.0	2.71
BA8DC01201317-19	16-20	1.12	1.62	45.6	2.71
BA8DC01201321-23	20-24	1.12	1.65	47.6	2.75
BA8DC01201325-27	24-28	1.10	1.61	46.3	2.71
BA8DC01201329-31	28-32	1.13	1.61	42.4	2.66
BA8DC01201333-35	32-26	1.13	1.65	46.4	2.68
BA8DC01201337-39	36-40	1.04	1.56	50.8	2.68
BA8DC01201341-43	40-44	1.08	1.62	50.1	2.65
BA8DC01201345-47	44-48	1.17	1.68	43.6	2.65
BA8DC01201349-51	48-52	1.15	1.66	43.9	2.64
BA8DC01201353-55	52-56	1.23	1.70	37.8	2.68
BA8DC01201357-59	56-60	1.25	1.73	38.4	2.70

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 31 - Testing Results for Sediment Core ID BA9B012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA9B01201301	0-2	0.66	1.26	91.4	2.62
BA9B01201303	2-4	0.76	1.37	79.9	2.76
BA9B01201305	4-6	0.81	1.42	76.4	2.54
BA9B01201307	6-8	0.82	1.38	69.4	2.62
BA9B01201309-11	8-12	0.87	1.49	71.4	2.58
BA9B01201313-15	12-16	1.01	1.57	54.3	2.62
BA9B01201317-19	16-20	1.06	1.61	52.1	2.54
BA9B01201321-23	20-24	1.12	1.63	45.7	2.62
BA9B01201325-27	24-28	1.11	1.62	45.6	2.73
BA9B01201329-31	28-32	1.12	1.63	45.9	2.69
BA9B01201333-35	32-26	1.19	1.66	39.5	2.74
BA9B01201337-39	36-40	1.24	1.71	37.4	2.74
BA9B01201341-43	40-44	1.22	1.66	35.9	2.75

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 32 - Testing Results for Sediment Core ID BA9BC012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA9BC01201301	0-2	0.66	1.31	97.1	2.67
BA9BC01201303	2-4	0.75	1.41	87.5	2.75
BA9BC01201305	4-6	0.77	1.40	83.1	2.75
BA9BC01201307	6-8	0.87	1.47	68.4	2.65
BA9BC01201309-11	8-12	0.75	1.39	86.0	2.62
BA9BC01201313-15	12-16	0.78	1.38	76.3	2.65
BA9BC01201317-19	16-20	0.82	1.45	76.4	2.68
BA9BC01201321-23	20-24	1.13	1.61	42.9	2.70
BA9BC01201325-27	24-28	1.21	1.65	36.5	2.74
BA9BC01201329-31	28-32	1.26	1.72	36.4	2.68
BA9BC01201333	32-34	1.23	1.68	37.0	2.77

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 33 - Testing Results for Sediment Core ID BA9C012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA9C01201301	0-2	0.94	1.52	62.3	2.75
BA9C01201303	2-4	1.09	1.57	43.9	2.65
BA9C01201305	4-6	1.12	1.60	43.1	2.69
BA9C01201307	6-8	1.09	1.61	47.7	2.72
BA9C01201309-11	8-12	1.14	1.67	46.1	2.68
BA9C01201313-15	12-16	1.17	1.65	41.6	2.67
BA9C01201317-19	16-20	1.18	1.68	42.3	2.74
BA9C01201321-23	20-24	1.06	1.64	55.4	2.66
BA9C01201325-27	24-28	1.19	1.67	39.6	2.69
BA9C01201329-31	28-32	1.13	1.67	48.2	2.72

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 34 - Testing Results for Sediment Core ID BA9DC012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA9DC01201301	0-2	0.99	1.56	56.8	2.69
BA9DC01201303	2-4	1.06	1.56	47.6	2.69
BA9DC01201305	4-6	1.07	1.58	47.7	2.75
BA9DC01201307	4-8	1.08	1.61	49.2	2.72
BA9DC01201309-11	8-12	1.13	1.66	46.3	2.67
BA9DC01201313-15	12-16	1.21	1.68	39.4	2.56
BA9DC01201317-19	16-20	1.15	1.64	43.1	2.69
BA9DC01201321-23	20-24	1.20	1.69	41.6	2.66
BA9DC01201325-27	24-28	1.17	1.63	38.9	2.72
BA9DC01201329-31	28-32	1.12	1.62	45.3	2.67
BA9DC01201333-35	32-36	1.09	1.60	46.6	2.73
BA9DC01201337-39	36-40	1.10	1.64	49.8	2.66
BA9DC01201341-43	40-44	1.13	1.64	45.6	2.71

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 35 - Testing Results for Sediment Core ID BA10B012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA10B01201301	0-2	0.90	1.49	64.6	2.69
BA10B01201303	2-4	1.11	1.62	45.4	2.72
BA10B01201305	4-6	1.10	1.60	46.2	2.69
BA10B01201307	6-8	1.11	1.62	45.3	2.68
BA10B01201309-11	6-12	1.15	1.64	42.3	2.70
BA10B01201313-15	12-16	1.26	1.72	37.2	2.66
BA10B01201317-19	16-20	1.28	1.75	36.9	2.72
BA10B01201321-23	20-24	1.27	1.75	37.7	2.61
BA10B01201325-27	24-28	1.30	1.75	35.0	2.73
BA10B01201329	28-30	1.20	1.72	42.8	2.72

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 36 - Testing Results for Sediment Core ID BA10C012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA10C01201301	0-2	1.04	1.53	46.8	2.72
BA10C01201303	2-4	1.22	1.68	37.3	2.70
BA10C01201305	4-6	1.23	1.70	38.3	2.73
BA10C01201307	6-8	1.28	1.71	33.3	2.70
BA10C01201309-11	8-12	1.26	1.71	35.9	2.69
BA10C01201313-15	12-16	1.34	1.75	31.3	2.70
BA10C01201317-19	16-20	1.36	1.79	31.4	2.80
BA10C01201321-23	20-24	1.34	1.77	32.5	2.75

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

Table 37 - Testing Results for Sediment Core ID BA10DC012013 - Bulk Density, Moisture Content, and Specific Gravity
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID	Representative depth interval in sediment bed (cm)	Bulk density (dry) (g/cm³)	Bulk density (wet)¹ (g/cm³)	Moisture Content² (percent)	Specific gravity³
BA10DC01201301	0-2	0.98	1.53	55.4	2.63
BA10DC01201303	2-4	1.20	1.66	37.9	2.75
BA10DC01201305	4-6	1.11	1.60	43.8	2.69
BA10DC01201307	6-8	1.20	1.67	38.6	2.67
BA10DC01201309-11	8-12	1.20	1.67	39.3	2.73
BA10DC01201313-15	12-16	1.21	1.68	39.3	2.68
BA10DC01201317-19	16-20	1.19	1.65	37.9	2.71
BA10DC01201321-23	20-24	1.10	1.59	44.7	2.66
BA10DC01201325-27	24-28	1.21	1.67	38.1	2.70
BA10DC01201329-31	28-32	1.22	1.68	37.2	2.71
BA10DC01201333-35	32-36	1.29	1.74	35.1	2.68

Abbreviations

cm - Centimeter

g - Grams

Footnotes

¹ Per ASTM D7263-09, GMU Geotechnical, Inc., Rancho Santa Margarita, California

² Per ASTM D2216-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California

³ Per ASTM D854-10, GMU Geotechnical, Inc., Rancho Santa Margarita, California