

APPENDIX F
GRAIN SIZE RESULTS – SHELF-WIDE

Table 1 - Testing Results for Sediment Core ID BA1B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA1B01 201301		BA1B01 201303		BA1B01 201305		BA1B01 201307		BA1B01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	2.6
Very coarse sand	18	1.00	0	0.7	0.7	0.5	0.5	0.7	0.7	0.4	0.4	0.8	3.5
Coarse sand	35	0.50	1	3.3	4.0	3.5	4.0	3.3	4.0	2.5	2.9	3.0	6.5
Medium sand	60	0.25	2	1.6	5.6	1.5	5.5	1.6	5.6	1.2	4.1	1.1	7.6
Fine sand	120	0.125	3	3.7	9.3	4.7	10.2	3.7	9.3	3.6	7.7	2.7	10.3
Very fine sand	200	0.075	3.75	42.8	52.1	28.3	38.6	42.8	52.1	25.1	32.8	31.2	41.5
Very fine sand	230	0.0625	4	3.4	55.4	6.9	45.5	2.3	54.4	7.6	40.4	6.5	48.1
Coarse silt	Hydrometer	0.0312	5	8.6	64.1	16.8	62.2	7.7	62.0	18.5	59.0	16.4	64.4
Very fine silt	Hydrometer	0.0039	8	12.0	76.1	14.4	76.7	18.6	80.7	19.7	78.6	26.5	91.0
Clay	Hydrometer	<0.0039	--	23.9	100.0	23.3	100.0	19.4	100.0	21.4	100.0	9.0	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 1 - Testing Results for Sediment Core ID BA1B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA1B01 201313-15		BA1B01 201317-19		BA1B01 201321-23		BA1B01 201325-27		BA1B01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.9	0.9	0.3	0.3	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.7	0.7	1.1	2.1	0.7	1.0	0.3	0.3	0.1	0.1
Coarse sand	35	0.50	1	3.3	4.0	1.6	3.7	2.7	3.6	1.7	2.0	0.5	0.6
Medium sand	60	0.25	2	1.6	5.6	0.6	4.2	0.8	4.4	0.6	2.6	0.3	0.9
Fine sand	120	0.125	3	3.7	9.3	1.4	5.7	1.6	6.0	1.3	3.9	1.1	1.9
Very fine sand	200	0.075	3.75	42.8	52.1	20.0	25.7	15.3	21.3	17.1	21.0	14.5	16.4
Very fine sand	230	0.0625	4	1.7	53.8	7.2	32.8	6.4	27.8	7.6	28.6	7.4	23.8
Coarse silt	Hydrometer	0.0312	5	4.2	57.9	17.9	50.8	16.1	43.9	18.9	47.5	18.5	42.3
Very fine silt	Hydrometer	0.0039	8	33.3	91.2	39.8	90.5	47.8	91.7	43.6	91.1	48.7	91.1
Clay	Hydrometer	<0.0039	--	8.8	100.0	9.5	100.0	8.3	100.0	8.9	100.0	8.9	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 1 - Testing Results for Sediment Core ID BA1B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA1B01 201333-35		BA1B01 201337-39		BA1B01 201341-43		BA1B01 201345-47		BA1B01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
Coarse sand	35	0.50	1	0.5	0.5	0.2	0.3	0.2	0.2	0.2	0.3	0.6	0.8
Medium sand	60	0.25	2	0.2	0.8	0.1	0.4	0.1	0.3	0.1	0.4	0.2	1.0
Fine sand	120	0.125	3	1.0	1.7	1.3	1.7	0.8	1.2	1.4	1.8	1.2	2.2
Very fine sand	200	0.075	3.75	11.3	13.0	11.2	12.9	14.4	15.6	13.7	15.5	16.9	19.1
Very fine sand	230	0.0625	4	7.6	20.6	7.3	20.2	7.4	23.0	8.1	23.6	7.0	26.1
Coarse silt	Hydrometer	0.0312	5	18.9	39.5	18.2	38.4	18.5	41.4	20.2	43.8	17.5	43.6
Very fine silt	Hydrometer	0.0039	8	49.2	88.7	51.6	90.1	49.7	91.1	47.0	90.8	46.8	90.5
Clay	Hydrometer	<0.0039	--	11.3	100.0	9.9	100.0	8.9	100.0	9.2	100.0	9.5	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 1 - Testing Results for Sediment Core ID BA1B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA1B01 201353-55		BA1B01 201357	
Depth Interval				52-56 cm		56-58 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.1
Coarse sand	35	0.50	1	0.2	0.2	0.2	0.3
Medium sand	60	0.25	2	0.2	0.4	0.3	0.6
Fine sand	120	0.125	3	1.5	1.9	1.5	2.0
Very fine sand	200	0.075	3.75	13.6	15.5	14.8	16.9
Very fine sand	230	0.0625	4	8.4	23.8	7.0	23.9
Coarse silt	Hydrometer	0.0312	5	21.0	44.8	17.8	41.7
Very fine silt	Hydrometer	0.0039	8	45.9	90.7	42.7	84.4
Clay	Hydrometer	<0.0039	--	9.3	100.0	15.6	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 2 - Testing Results for Sediment Core ID BA1C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA1C01 201301		BA1C01 201303		BA1C01 201305		BA1C01 201307		BA1C01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medium sand	60	0.25	2	0.3	0.4	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
Fine sand	120	0.125	3	3.6	4.0	3.0	3.2	3.1	3.4	2.9	3.2	3.6	3.9
Very fine sand	200	0.075	3.75	20.1	24.1	28.3	31.6	22.2	25.6	26.0	29.2	27.7	31.6
Very fine sand	230	0.0625	4	6.6	30.7	7.1	38.7	9.6	35.3	8.1	37.3	8.4	39.9
Coarse silt	Hydrometer	0.0312	5	17.6	48.3	18.6	57.3	23.8	59.1	20.7	58.0	21.8	61.7
Very fine silt	Hydrometer	0.0039	8	19.7	68.0	20.4	77.7	20.8	79.8	21.8	79.8	27.9	89.6
Clay	Hydrometer	<0.0039	--	32.0	100.0	22.3	100.0	20.2	100.0	20.2	100.0	10.4	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 2 - Testing Results for Sediment Core ID BA1C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA1C01 201313-15		BA1C01 201317-19		BA1C01 201321-23		BA1C01 201325-27		BA1C01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.3	0.3
Coarse sand	35	0.50	1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.5
Medium sand	60	0.25	2	0.5	0.6	0.7	0.8	0.4	0.6	0.3	0.4	0.2	0.7
Fine sand	120	0.125	3	3.2	3.8	5.1	5.9	3.4	4.0	4.2	4.6	3.9	4.5
Very fine sand	200	0.075	3.75	36.9	40.7	34.4	40.3	29.7	33.7	31.7	36.3	42.1	46.7
Very fine sand	230	0.0625	4	5.0	45.7	5.6	45.9	9.0	42.7	9.3	45.5	6.2	52.9
Coarse silt	Hydrometer	0.0312	5	14.1	59.8	14.8	60.7	23.1	65.8	23.3	68.8	15.8	68.7
Very fine silt	Hydrometer	0.0039	8	27.9	87.7	28.5	89.2	20.8	86.6	21.3	90.1	22.5	91.2
Clay	Hydrometer	<0.0039	--	12.3	100.0	10.8	100.0	13.4	100.0	9.9	100.0	8.8	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 2 - Testing Results for Sediment Core ID BA1C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA1C01 201333-35		BA1C01 201337-39		BA1C01 201341-43		BA1C01 201345-47	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.8	0.8	0.5	0.5	0.6	0.6
Very coarse sand	18	1.00	0	0.1	0.1	0.1	0.9	0.0	0.6	0.1	0.7
Coarse sand	35	0.50	1	0.1	0.2	0.1	1.0	0.1	0.7	0.1	0.9
Medium sand	60	0.25	2	0.2	0.3	0.1	1.1	0.1	0.8	0.1	1.0
Fine sand	120	0.125	3	3.9	4.3	2.8	3.9	3.5	4.3	3.4	4.4
Very fine sand	200	0.075	3.75	27.7	32.0	32.3	36.2	31.1	35.5	36.9	41.2
Very fine sand	230	0.0625	4	11.0	43.0	9.7	45.9	11.0	46.5	9.4	50.6
Coarse silt	Hydrometer	0.0312	5	26.7	69.7	24.0	69.9	26.8	73.3	23.1	73.7
Very fine silt	Hydrometer	0.0039	8	18.9	88.5	20.0	89.9	17.7	91.0	18.3	92.0
Clay	Hydrometer	<0.0039	--	11.5	100.0	10.1	100.0	9.0	100.0	8.0	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 3 - Testing Results for Sediment Core ID BA1DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA1DC01 201301		BA1DC01 201303		BA1DC01 201305		BA1DC01 201307		BA1DC01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.1	0.1
Very coarse sand	18	1.00	0	0.1	0.1	0.2	0.2	0.3	0.8	0.2	0.2	0.3	0.4
Coarse sand	35	0.50	1	0.4	0.5	0.6	0.8	0.7	1.5	0.7	0.9	0.5	1.0
Medium sand	60	0.25	2	3.1	3.6	3.3	4.2	4.0	5.5	3.2	4.1	2.8	3.7
Fine sand	120	0.125	3	24.2	27.8	20.1	24.3	26.2	31.7	23.8	27.9	28.2	32.0
Very fine sand	200	0.075	3.75	40.3	68.1	41.7	66.0	36.4	68.1	37.6	65.5	34.6	66.6
Very fine sand	230	0.0625	4	1.1	69.3	1.2	67.2	1.4	69.5	2.3	67.8	2.6	69.2
Coarse silt	Hydrometer	0.0312	5	3.4	72.7	3.6	70.8	4.1	73.6	5.5	73.3	7.2	76.4
Very fine silt	Hydrometer	0.0039	8	5.9	78.5	7.5	78.3	9.8	83.4	9.5	82.8	14.3	90.7
Clay	Hydrometer	<0.0039	--	21.5	100.0	21.7	100.0	16.6	100.0	17.2	100.0	9.3	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 3 - Testing Results for Sediment Core ID BA1DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA1DC01 201313-15		BA1DC01 201317-19		BA1DC01 201321-23		BA1DC01 201325-27		BA1DC01 201329	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-29 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.8	0.8	0.6	0.6	0.3	0.3	0.8	0.8	2.1	2.1
Very coarse sand	18	1.00	0	0.8	1.7	0.6	1.2	0.4	0.7	1.1	1.9	2.5	4.6
Coarse sand	35	0.50	1	0.7	2.4	0.7	1.9	0.8	1.5	1.3	3.2	1.2	5.8
Medium sand	60	0.25	2	3.2	5.5	3.1	4.9	3.9	5.4	3.0	6.2	2.8	8.5
Fine sand	120	0.125	3	28.5	34.0	32.7	37.7	38.3	43.7	34.1	40.3	20.8	29.3
Very fine sand	200	0.075	3.75	37.2	71.2	30.6	68.3	34.0	77.7	33.7	74.0	46.1	75.4
Very fine sand	230	0.0625	4	1.4	72.6	2.3	70.6	0.7	78.4	2.5	76.5	2.0	77.4
Coarse silt	Hydrometer	0.0312	5	4.8	77.4	7.0	77.7	2.3	80.8	6.5	83.0	4.6	82.0
Very fine silt	Hydrometer	0.0039	8	12.8	90.2	13.3	91.0	10.0	90.8	9.9	92.9	5.4	87.4
Clay	Hydrometer	<0.0039	--	9.8	100.0	9.0	100.0	9.2	100.0	7.1	100.0	12.6	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 4 - Testing Results for Sediment Core ID BA2B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA2B01 201301		BA2B01 201303		BA2B01 201305		BA2B01 201307		BA2B01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.4	0.4
Very coarse sand	18	1.00	0	0.1	0.1	0.0	0.0	0.2	0.7	0.2	0.3	0.1	0.5
Coarse sand	35	0.50	1	0.4	0.5	0.5	0.6	0.8	1.5	0.6	0.9	0.4	0.9
Medium sand	60	0.25	2	0.7	1.2	1.0	1.6	1.0	2.6	1.0	1.9	0.8	1.7
Fine sand	120	0.125	3	6.4	7.6	7.8	9.4	6.3	8.9	5.7	7.6	5.1	6.8
Very fine sand	200	0.075	3.75	33.1	40.7	30.5	39.9	32.1	40.9	23.6	31.3	35.7	42.6
Very fine sand	230	0.0625	4	6.3	47.0	7.5	47.3	6.8	47.8	10.0	41.2	7.0	49.6
Coarse silt	Hydrometer	0.0312	5	15.3	62.3	17.7	65.0	16.7	64.4	22.9	64.1	17.6	67.2
Very fine silt	Hydrometer	0.0039	8	13.2	75.5	15.1	80.2	14.8	79.3	16.8	81.0	23.4	90.6
Clay	Hydrometer	<0.0039	--	24.6	100.0	19.8	100.0	20.7	100.0	19.0	100.0	9.4	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 4 - Testing Results for Sediment Core ID BA2B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA2B01 201313-15		BA2B01 201317-19		BA2B01 201321-23		BA2B01 201325-27		BA2B01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Very coarse sand	18	1.00	0	0.1	0.1	0.3	0.3	0.2	0.2	0.2	0.4	0.1	0.2
Coarse sand	35	0.50	1	0.6	0.6	1.0	1.3	0.4	0.5	0.4	0.8	0.3	0.5
Medium sand	60	0.25	2	0.8	1.5	0.9	2.2	0.6	1.2	0.6	1.4	0.6	1.1
Fine sand	120	0.125	3	6.2	7.6	5.0	7.2	5.3	6.5	4.7	6.1	6.9	8.0
Very fine sand	200	0.075	3.75	28.8	36.4	34.8	42.0	27.3	33.8	37.2	43.3	35.2	43.2
Very fine sand	230	0.0625	4	10.0	46.4	8.1	50.2	9.5	43.3	7.0	50.3	8.1	51.3
Coarse silt	Hydrometer	0.0312	5	24.7	71.1	20.2	70.4	23.4	66.8	17.6	67.8	20.1	71.4
Very fine silt	Hydrometer	0.0039	8	19.7	90.7	21.3	91.7	24.4	91.2	23.7	91.6	20.9	92.3
Clay	Hydrometer	<0.0039	--	9.3	100.0	8.3	100.0	8.8	100.0	8.4	100.0	7.7	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 5 - Testing Results for Sediment Core ID BA2B022013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA2B02 201301		BA2B02 201303		BA2B02 201305		BA2B02 201307		BA2B02 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.1	0.1	0.1	0.1	0.0	0.0	0.2	0.2	0.1	0.1
Coarse sand	35	0.50	1	0.3	0.4	0.3	0.5	0.1	0.1	0.6	0.8	0.3	0.4
Medium sand	60	0.25	2	0.6	1.0	0.6	1.1	0.4	0.5	0.8	1.6	0.5	0.8
Fine sand	120	0.125	3	6.9	8.0	6.1	7.2	1.1	1.6	4.7	6.3	4.2	5.0
Very fine sand	200	0.075	3.75	34.7	42.7	38.4	45.6	26.9	28.6	28.4	34.7	27.1	32.1
Very fine sand	230	0.0625	4	5.0	47.7	4.1	49.7	10.5	39.1	7.8	42.4	9.7	41.8
Coarse silt	Hydrometer	0.0312	5	12.7	60.4	10.8	60.5	24.6	63.7	19.3	61.7	23.8	65.6
Very fine silt	Hydrometer	0.0039	8	13.0	73.4	14.7	75.2	14.9	78.7	14.0	75.8	23.6	89.2
Clay	Hydrometer	<0.0039	--	26.6	100.0	24.8	100.0	21.3	100.0	24.2	100.0	10.8	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 5 - Testing Results for Sediment Core ID BA2B022013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA2B02 201313-15		BA2B02 201317-19	
Depth Interval				12-16 cm		16-20 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.1	0.1
Coarse sand	35	0.50	1	0.3	0.3	0.3	0.4
Medium sand	60	0.25	2	0.4	0.7	0.6	0.9
Fine sand	120	0.125	3	4.1	4.8	4.9	5.9
Very fine sand	200	0.075	3.75	31.7	36.5	30.9	36.8
Very fine sand	230	0.0625	4	8.1	44.6	10.0	46.8
Coarse silt	Hydrometer	0.0312	5	20.4	65.0	24.6	71.4
Very fine silt	Hydrometer	0.0039	8	25.5	90.6	19.2	90.6
Clay	Hydrometer	<0.0039	--	9.4	100.0	9.4	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 6 - Testing Results for Sediment Core ID BA2C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA2C01 201301		BA2C01 201303		BA2C01 201305		BA2C01 201307		BA2C01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.3	0.3	0.4	0.4	0.1	0.1	0.1	0.1	0.5	0.5
Very coarse sand	18	1.00	0	0.6	0.9	0.5	0.9	0.6	0.7	0.6	0.7	0.9	1.3
Coarse sand	35	0.50	1	1.3	2.2	1.2	2.1	1.6	2.3	1.4	2.1	2.0	3.3
Medium sand	60	0.25	2	4.6	6.8	4.6	6.7	4.6	6.9	4.6	6.7	5.2	8.4
Fine sand	120	0.125	3	39.6	46.4	23.5	30.3	19.6	26.4	19.8	26.5	21.0	29.5
Very fine sand	200	0.075	3.75	9.1	55.5	21.9	52.2	24.2	50.6	23.8	50.3	23.8	53.3
Very fine sand	230	0.0625	4	1.7	57.2	1.9	54.0	2.1	52.8	2.9	53.2	2.9	56.2
Coarse silt	Hydrometer	0.0312	5	7.0	64.3	6.3	60.4	7.0	59.8	7.9	61.0	9.2	65.5
Very fine silt	Hydrometer	0.0039	8	17.1	81.4	18.8	79.2	19.0	78.7	17.2	78.2	23.8	89.3
Clay	Hydrometer	<0.0039	--	18.6	100.0	20.8	100.0	21.3	100.0	21.8	100.0	10.7	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 6 - Testing Results for Sediment Core ID BA2C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA2C01 201313-15		BA2C01 201317-19		BA2C01 201321-23		BA2C01 201325-27		BA2C01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
USCS Classification ASTM D 2487	Sieve number	Particle Size (mm)	Phi interval	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.7	0.7
Very coarse sand	18	1.00	0	0.7	1.0	0.7	1.0	0.6	0.8	0.5	0.7	0.6	1.3
Coarse sand	35	0.50	1	1.4	2.5	1.3	2.3	1.3	2.0	1.2	1.9	1.9	3.2
Medium sand	60	0.25	2	4.4	6.9	4.3	6.6	4.9	7.0	4.0	5.9	5.2	8.4
Fine sand	120	0.125	3	19.4	26.3	18.9	25.5	19.1	26.1	16.8	22.7	24.2	32.6
Very fine sand	200	0.075	3.75	21.7	48.0	23.2	48.7	23.0	49.1	21.4	44.0	22.2	54.8
Very fine sand	230	0.0625	4	3.1	51.1	2.6	51.3	1.9	51.1	4.5	48.5	4.0	58.8
Coarse silt	Hydrometer	0.0312	5	9.0	60.1	8.3	59.6	7.7	58.8	12.0	60.4	10.9	69.7
Very fine silt	Hydrometer	0.0039	8	26.2	86.4	28.8	88.5	28.0	86.8	24.8	85.2	20.8	90.5
Clay	Hydrometer	<0.0039	--	13.6	100.0	11.5	100.0	13.2	100.0	14.8	100.0	9.5	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 6 - Testing Results for Sediment Core ID BA2C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA2C01 201333-35		BA2C01 201337-39		BA2C01 201341-43		BA2C01 201345-47		BA2C01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.1	0.1	0.9	0.9	1.0	1.0	2.5	2.5	0.5	0.5
Very coarse sand	18	1.00	0	0.8	1.0	1.3	2.2	1.1	2.1	2.2	4.7	0.8	1.3
Coarse sand	35	0.50	1	2.2	3.1	2.8	5.0	2.1	4.1	2.7	7.4	1.9	3.2
Medium sand	60	0.25	2	5.9	9.0	5.3	10.3	5.6	9.8	6.3	13.7	5.5	8.6
Fine sand	120	0.125	3	26.3	35.3	23.3	33.6	24.6	34.4	26.4	40.1	27.7	36.3
Very fine sand	200	0.075	3.75	22.6	57.9	26.3	59.9	23.1	57.5	26.8	66.9	21.8	58.2
Very fine sand	230	0.0625	4	3.9	61.9	3.7	63.7	4.5	62.0	1.5	68.4	3.9	62.1
Coarse silt	Hydrometer	0.0312	5	10.0	71.8	9.2	72.9	11.1	73.1	4.8	73.3	9.9	72.0
Very fine silt	Hydrometer	0.0039	8	17.8	89.7	16.7	89.5	18.1	91.2	17.4	90.7	19.1	91.1
Clay	Hydrometer	<0.0039	--	10.3	100.0	10.5	100.0	8.8	100.0	9.3	100.0	8.9	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 6 - Testing Results for Sediment Core ID BA2C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA2C01 201353-55		BA2C01 201357-59	
Depth Interval				52-56 cm		56-60 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	1.0	1.0	3.8	3.8
Very coarse sand	18	1.00	0	0.9	1.9	0.9	4.7
Coarse sand	35	0.50	1	2.0	4.0	1.9	6.6
Medium sand	60	0.25	2	6.0	9.9	5.2	11.7
Fine sand	120	0.125	3	28.4	38.4	25.3	37.1
Very fine sand	200	0.075	3.75	27.9	66.3	23.7	60.8
Very fine sand	230	0.0625	4	1.8	68.1	3.0	63.8
Coarse silt	Hydrometer	0.0312	5	5.6	73.7	8.3	72.1
Very fine silt	Hydrometer	0.0039	8	15.5	89.2	18.7	90.8
Clay	Hydrometer	<0.0039	--	10.8	100.0	9.2	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 7 - Testing Results for Sediment Core ID BA2DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA2DC01 201301		BA2DC01 201303		BA2DC01 201305		BA2DC01 201307		BA2DC01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	1.3	1.3	1.1	1.1	1.5	1.5	0.3	0.3	0.7	0.7
Very coarse sand	18	1.00	0	3.4	4.7	3.3	4.4	6.6	8.1	3.2	3.6	4.2	4.9
Coarse sand	35	0.50	1	14.4	19.1	13.7	18.1	13.8	21.9	15.0	18.6	15.3	20.3
Medium sand	60	0.25	2	17.2	36.3	17.2	35.2	16.5	38.4	17.6	36.2	18.4	38.7
Fine sand	120	0.125	3	27.3	63.6	29.4	64.7	27.1	65.6	27.9	64.1	29.9	68.6
Very fine sand	200	0.075	3.75	9.7	73.3	8.7	73.3	8.3	73.8	8.8	72.9	8.7	77.3
Very fine sand	230	0.0625	4	0.4	73.6	0.6	74.0	0.4	74.3	1.4	74.3	0.7	78.0
Coarse silt	Hydrometer	0.0312	5	1.8	75.4	2.5	76.5	1.3	75.5	4.3	78.6	3.4	81.4
Very fine silt	Hydrometer	0.0039	8	5.9	81.3	10.4	86.8	9.1	84.7	10.3	88.8	11.1	92.5
Clay	Hydrometer	<0.0039	--	18.7	100.0	13.2	100.0	15.3	100.0	11.2	100.0	7.5	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 7 - Testing Results for Sediment Core ID BA2DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA2DC01 201313-15		BA2DC01 201317-19		BA2DC01 201321-23		BA2DC01 201325-27		BA2DC01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	4.9	4.9	3.1	3.1	2.6	2.6	3.7	3.7	2.7	2.7
Very coarse sand	18	1.00	0	12.4	17.4	9.5	12.6	10.1	12.7	11.6	15.4	13.1	15.9
Coarse sand	35	0.50	1	21.7	39.0	21.6	34.2	22.2	35.0	20.4	35.8	23.7	39.6
Medium sand	60	0.25	2	16.3	55.3	19.2	53.4	19.1	54.1	14.8	50.6	17.1	56.7
Fine sand	120	0.125	3	15.5	70.8	23.9	77.4	24.0	78.1	17.4	68.0	19.3	75.9
Very fine sand	200	0.075	3.75	4.8	75.5	5.9	83.3	5.9	84.0	5.2	73.3	5.1	81.0
Very fine sand	230	0.0625	4	1.7	77.2	0.3	83.6	0.4	84.4	2.7	76.0	0.7	81.7
Coarse silt	Hydrometer	0.0312	5	5.1	82.3	1.4	85.0	1.4	85.8	6.9	82.9	2.7	84.4
Very fine silt	Hydrometer	0.0039	8	10.0	92.3	7.5	92.5	7.1	92.9	10.1	92.9	7.8	92.2
Clay	Hydrometer	<0.0039	--	7.7	100.0	7.5	100.0	7.1	100.0	7.1	100.0	7.8	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 7 - Testing Results for Sediment Core ID BA2DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA2DC01 201333-35		BA2DC01 201337-39		BA2DC01 201341-43		BA2DC01 201345	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-45 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	2.9	2.9	2.4	2.4	3.3	3.3	4.7	4.7
Very coarse sand	18	1.00	0	12.7	15.6	11.6	14.0	13.1	16.4	14.1	18.8
Coarse sand	35	0.50	1	23.3	38.9	22.7	36.7	20.2	36.6	20.9	39.7
Medium sand	60	0.25	2	16.8	55.7	18.3	55.1	16.6	53.3	15.5	55.2
Fine sand	120	0.125	3	18.9	74.7	20.1	75.2	23.7	77.0	23.1	78.3
Very fine sand	200	0.075	3.75	5.0	79.7	5.3	80.5	6.8	83.7	6.7	85.1
Very fine sand	230	0.0625	4	1.2	80.9	1.2	81.8	0.7	84.5	0.7	85.8
Coarse silt	Hydrometer	0.0312	5	3.6	84.5	3.3	85.0	1.9	86.4	1.7	87.5
Very fine silt	Hydrometer	0.0039	8	8.3	92.8	7.8	92.9	6.8	93.1	4.7	92.2
Clay	Hydrometer	<0.0039	--	7.2	100.0	7.1	100.0	6.9	100.0	7.8	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 8 - Testing Results for Sediment Core ID BA3B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA3B01 201301		BA3B01 201303		BA3B01 201305		BA3B01 201307		BA3B01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Very coarse sand	18	1.00	0	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.1	0.2
Coarse sand	35	0.50	1	0.4	0.5	0.6	0.7	0.9	1.1	1.9	2.3	0.9	1.1
Medium sand	60	0.25	2	0.5	1.0	1.0	1.7	0.7	1.7	2.0	4.3	0.6	1.6
Fine sand	120	0.125	3	2.6	3.7	4.2	5.9	2.8	4.6	4.9	9.2	1.9	3.6
Very fine sand	200	0.075	3.75	29.9	33.6	23.2	29.1	16.1	20.7	32.7	42.0	29.8	33.4
Very fine sand	230	0.0625	4	10.5	44.0	10.5	39.6	13.8	34.5	4.0	46.0	7.7	41.1
Coarse silt	Hydrometer	0.0312	5	25.2	69.2	24.0	63.6	31.3	65.8	11.7	57.7	19.2	60.3
Very fine silt	Hydrometer	0.0039	8	12.6	81.8	17.2	80.8	16.9	82.7	23.2	80.9	30.9	91.1
Clay	Hydrometer	<0.0039	--	18.2	100.0	19.2	100.0	17.3	100.0	19.1	100.0	8.9	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 8 - Testing Results for Sediment Core ID BA3B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA3B01 201313-15		BA3B01 201317-19		BA3B01 201321-23		BA3B01 201325-27		BA3B01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Very coarse sand	18	1.00	0	0.1	0.1	0.2	0.2	0.1	0.1	0.3	0.3	0.5	0.6
Coarse sand	35	0.50	1	0.9	1.1	1.2	1.4	1.2	1.3	1.2	1.6	1.6	2.2
Medium sand	60	0.25	2	0.6	1.7	0.6	2.0	0.6	1.9	0.6	2.2	0.7	2.8
Fine sand	120	0.125	3	1.7	3.4	1.7	3.7	2.3	4.2	2.1	4.4	1.7	4.5
Very fine sand	200	0.075	3.75	19.5	22.9	27.6	31.2	25.7	29.8	26.5	30.9	27.9	32.5
Very fine sand	230	0.0625	4	10.4	33.3	10.3	41.5	12.8	42.7	13.4	44.3	10.2	42.7
Coarse silt	Hydrometer	0.0312	5	26.1	59.4	25.7	67.2	31.3	73.9	32.3	76.6	25.5	68.2
Very fine silt	Hydrometer	0.0039	8	31.6	91.0	24.7	91.9	17.2	91.2	14.3	90.9	23.5	91.7
Clay	Hydrometer	<0.0039	--	9.0	100.0	8.1	100.0	8.8	100.0	9.1	100.0	8.3	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 8 - Testing Results for Sediment Core ID BA3B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA3B01 201333	
Depth Interval				32-33 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0
Very coarse sand	18	1.00	0	0.4	0.4
Coarse sand	35	0.50	1	1.2	1.6
Medium sand	60	0.25	2	0.5	2.1
Fine sand	120	0.125	3	1.9	4.0
Very fine sand	200	0.075	3.75	18.1	22.1
Very fine sand	230	0.0625	4	12.5	34.6
Coarse silt	Hydrometer	0.0312	5	30.1	64.8
Very fine silt	Hydrometer	0.0039	8	23.4	88.1
Clay	Hydrometer	<0.0039	--	11.9	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 9 - Testing Results for Sediment Core ID BA3C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA3C01 201301		BA3C01 201303		BA3C01 201305		BA3C01 201307		BA3C01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.1	0.1	0.1	0.1	0.1	0.6	0.1	0.1	0.1	0.1
Coarse sand	35	0.50	1	0.5	0.5	0.4	0.5	0.5	1.1	0.4	0.4	0.3	0.4
Medium sand	60	0.25	2	2.2	2.8	2.5	3.0	2.5	3.7	2.0	2.5	2.3	2.7
Fine sand	120	0.125	3	11.5	14.2	12.5	15.4	12.0	15.6	12.0	14.5	13.8	16.5
Very fine sand	200	0.075	3.75	22.4	36.6	18.9	34.3	20.5	36.1	19.3	33.8	22.1	38.6
Very fine sand	230	0.0625	4	4.3	40.9	5.9	40.1	4.7	40.8	5.3	39.0	5.3	43.9
Coarse silt	Hydrometer	0.0312	5	11.9	52.9	15.8	56.0	14.3	55.1	13.9	52.9	14.1	58.1
Very fine silt	Hydrometer	0.0039	8	22.9	75.8	24.2	80.2	25.4	80.5	23.9	76.9	31.8	89.8
Clay	Hydrometer	<0.0039	--	24.2	100.0	19.8	100.0	19.5	100.0	23.1	100.0	10.2	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 9 - Testing Results for Sediment Core ID BA3C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA3C01 201313-15		BA3C01 201317-19		BA3C01 201321-23		BA3C01 201325-27		BA3C01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.9	0.9	0.0	0.0	0.1	0.1	0.4	0.4	0.6	0.6
Very coarse sand	18	1.00	0	0.3	1.1	0.2	0.2	0.2	0.2	0.3	0.7	0.4	1.0
Coarse sand	35	0.50	1	0.6	1.7	0.4	0.7	0.5	0.7	0.5	1.2	0.7	1.7
Medium sand	60	0.25	2	3.6	5.3	3.4	4.0	2.9	3.6	3.3	4.5	4.1	5.7
Fine sand	120	0.125	3	18.6	23.9	16.3	20.3	15.3	18.9	16.2	20.7	16.0	21.8
Very fine sand	200	0.075	3.75	21.2	45.0	20.2	40.6	21.5	40.4	19.8	40.5	17.9	39.6
Very fine sand	230	0.0625	4	4.2	49.2	5.2	45.8	3.9	44.3	4.3	44.8	5.2	44.8
Coarse silt	Hydrometer	0.0312	5	11.9	61.1	13.9	59.7	10.0	54.3	12.0	56.9	15.2	60.0
Very fine silt	Hydrometer	0.0039	8	28.3	89.5	29.6	89.3	35.6	89.9	32.5	89.3	29.0	88.9
Clay	Hydrometer	<0.0039	--	10.5	100.0	10.7	100.0	10.1	100.0	10.7	100.0	11.1	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 9 - Testing Results for Sediment Core ID BA3C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA3C01 201333-35		BA3C01 201337-39		BA3C01 201341-43		BA3C01 201345-47		BA3C01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.3	0.3	0.4	0.4	1.0	1.0	0.0	0.0	0.3	0.3
Very coarse sand	18	1.00	0	0.3	0.6	0.3	0.7	0.4	1.4	0.2	0.3	0.2	0.5
Coarse sand	35	0.50	1	0.7	1.3	0.8	1.5	1.0	2.4	0.7	1.0	0.8	1.3
Medium sand	60	0.25	2	5.8	7.1	4.2	5.8	4.1	6.5	3.2	4.2	3.5	4.9
Fine sand	120	0.125	3	16.5	23.6	18.7	24.5	19.6	26.1	13.9	18.1	17.9	22.8
Very fine sand	200	0.075	3.75	19.9	43.5	21.2	45.7	24.0	50.2	23.6	41.6	21.0	43.8
Very fine sand	230	0.0625	4	2.4	45.9	4.8	50.5	4.4	54.5	9.0	50.6	6.2	50.0
Coarse silt	Hydrometer	0.0312	5	9.8	55.7	12.9	63.3	11.7	66.2	21.6	72.2	15.5	65.4
Very fine silt	Hydrometer	0.0039	8	30.5	86.2	25.3	88.7	23.5	89.7	18.7	90.9	25.8	91.2
Clay	Hydrometer	<0.0039	--	13.8	100.0	11.3	100.0	10.3	100.0	9.1	100.0	8.8	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 9 - Testing Results for Sediment Core ID BA3C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA3C01 201353-55		BA3C01 201357-59		BA3C01 201361-63		BA3C01 201365	
Depth Interval				52-56 cm		56-60 cm		60-64 cm		64-65 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.7	0.7	0.5	0.5	0.2	0.2	0.5	0.5
Very coarse sand	18	1.00	0	0.5	1.2	0.4	0.9	0.2	0.4	0.3	0.9
Coarse sand	35	0.50	1	0.9	2.1	1.0	1.9	0.9	1.2	0.8	1.7
Medium sand	60	0.25	2	4.0	6.2	4.2	6.0	4.1	5.4	3.9	5.6
Fine sand	120	0.125	3	19.2	25.3	19.0	25.1	20.4	25.8	19.5	25.1
Very fine sand	200	0.075	3.75	30.8	56.1	28.2	53.2	27.9	53.7	27.1	52.2
Very fine sand	230	0.0625	4	4.2	60.3	5.4	58.6	4.9	58.6	5.0	57.2
Coarse silt	Hydrometer	0.0312	5	10.9	71.2	13.5	72.1	12.6	71.2	12.9	70.0
Very fine silt	Hydrometer	0.0039	8	17.9	89.2	18.4	90.5	19.9	91.1	15.8	85.8
Clay	Hydrometer	<0.0039	--	10.8	100.0	9.5	100.0	8.9	100.0	14.2	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 10 - Testing Results for Sediment Core ID BA3DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA3DC01 201301		BA3DC01 201303		BA3DC01 201305		BA3DC01 201307		BA3DC01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.2	0.2	0.4	0.4	0.8	0.8	0.1	0.1	0.0	0.0
Very coarse sand	18	1.00	0	0.2	0.4	0.9	1.3	1.5	2.2	0.5	0.6	0.5	0.5
Coarse sand	35	0.50	1	1.1	1.5	2.1	3.4	3.1	5.3	2.0	2.6	2.1	2.6
Medium sand	60	0.25	2	3.6	5.1	5.1	8.5	5.4	10.7	4.5	7.1	5.1	7.6
Fine sand	120	0.125	3	31.4	36.5	39.4	47.9	35.2	45.9	35.9	43.0	39.6	47.2
Very fine sand	200	0.075	3.75	19.2	55.7	16.6	64.5	20.6	66.5	18.3	61.3	18.8	66.0
Very fine sand	230	0.0625	4	2.8	58.5	1.7	66.2	0.9	67.4	1.0	62.3	1.8	67.8
Coarse silt	Hydrometer	0.0312	5	7.5	66.0	4.8	71.0	3.3	70.7	3.7	66.0	5.7	73.5
Very fine silt	Hydrometer	0.0039	8	15.5	81.6	14.7	85.7	12.8	83.5	17.9	83.9	16.5	90.0
Clay	Hydrometer	<0.0039	--	18.4	100.0	14.3	100.0	16.5	100.0	16.1	100.0	10.0	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 10 - Testing Results for Sediment Core ID BA3DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA3DC01 201313-15		BA3DC01 201317-19		BA3DC01 201321-23		BA3DC01 201325-27		BA3DC01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.1	0.1	0.7	0.7	0.6	0.6	1.1	1.1	1.5	1.5
Very coarse sand	18	1.00	0	0.8	0.8	1.5	2.2	1.7	2.3	2.0	3.2	2.3	3.8
Coarse sand	35	0.50	1	2.5	3.3	3.7	5.9	4.3	6.5	4.6	7.8	5.0	8.8
Medium sand	60	0.25	2	5.2	8.6	6.3	12.2	6.7	13.2	7.0	14.8	7.4	16.1
Fine sand	120	0.125	3	35.2	43.8	40.0	52.2	39.0	52.2	35.3	50.1	38.1	54.2
Very fine sand	200	0.075	3.75	20.7	64.5	16.1	68.3	16.0	68.2	16.8	66.9	13.8	68.0
Very fine sand	230	0.0625	4	2.0	66.6	1.5	69.8	1.8	70.0	1.4	68.3	1.0	69.0
Coarse silt	Hydrometer	0.0312	5	6.1	72.7	5.1	74.9	5.5	75.5	4.4	72.6	3.8	72.8
Very fine silt	Hydrometer	0.0039	8	18.4	91.1	16.2	91.1	16.2	91.8	18.7	91.3	19.1	92.0
Clay	Hydrometer	<0.0039	--	8.9	100.0	8.9	100.0	8.2	100.0	8.7	100.0	8.0	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 10 - Testing Results for Sediment Core ID BA3DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA3DC01 201333-35		BA3DC01 201337-39		BA3DC01 201341-43		BA3DC01 201345-47		BA3DC01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	1.7	1.7	1.3	1.3	2.2	2.2	2.0	2.0	4.3	4.3
Very coarse sand	18	1.00	0	2.6	4.3	2.3	3.6	2.5	4.7	2.7	4.7	2.9	7.1
Coarse sand	35	0.50	1	5.5	9.8	4.9	8.5	5.0	9.7	5.9	10.7	5.8	12.9
Medium sand	60	0.25	2	7.6	17.4	6.9	15.4	7.0	16.7	8.3	18.9	8.4	21.3
Fine sand	120	0.125	3	34.7	52.1	34.8	50.2	37.8	54.5	38.0	56.9	36.6	57.9
Very fine sand	200	0.075	3.75	14.5	66.6	14.1	64.3	14.1	68.6	14.4	71.3	16.5	74.4
Very fine sand	230	0.0625	4	1.4	68.0	1.9	66.2	0.7	69.4	1.7	73.0	1.5	75.9
Coarse silt	Hydrometer	0.0312	5	4.2	72.2	5.4	71.6	3.1	72.4	4.3	77.3	3.8	79.7
Very fine silt	Hydrometer	0.0039	8	18.3	90.5	19.1	90.7	19.3	91.8	14.2	91.5	12.0	91.7
Clay	Hydrometer	<0.0039	--	9.5	100.0	9.3	100.0	8.2	100.0	8.5	100.0	8.3	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 10 - Testing Results for Sediment Core ID BA3DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA3DC01 201353-55		BA3DC01 201357	
Depth Interval				52-56 cm		56-57 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	4.4	4.4	10.1	10.1
Very coarse sand	18	1.00	0	3.1	7.4	3.2	13.3
Coarse sand	35	0.50	1	6.0	13.4	5.6	18.9
Medium sand	60	0.25	2	9.0	22.4	8.1	27.0
Fine sand	120	0.125	3	37.6	60.0	34.3	61.3
Very fine sand	200	0.075	3.75	15.6	75.6	16.5	77.8
Very fine sand	230	0.0625	4	1.2	76.9	0.5	78.2
Coarse silt	Hydrometer	0.0312	5	3.7	80.5	1.8	80.0
Very fine silt	Hydrometer	0.0039	8	11.0	91.5	9.3	89.3
Clay	Hydrometer	<0.0039	--	8.5	100.0	10.7	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 11 - Testing Results for Sediment Core ID BA4B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA4B01 201301		BA4B01 201303		BA4B01 201305		BA4B01 201307		BA4B01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
Coarse sand	35	0.50	1	0.4	0.4	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.5
Medium sand	60	0.25	2	1.2	1.6	1.7	1.9	2.1	2.3	11.8	11.9	7.9	8.4
Fine sand	120	0.125	3	3.5	5.0	3.7	5.6	4.6	6.9	11.1	23.0	8.1	16.5
Very fine sand	200	0.075	3.75	10.9	15.9	8.4	13.9	5.1	12.0	8.9	31.9	7.2	23.8
Very fine sand	230	0.0625	4	10.0	25.9	6.2	20.1	8.8	20.8	4.4	36.3	10.0	33.7
Coarse silt	Hydrometer	0.0312	5	27.3	53.2	18.7	38.9	25.0	45.8	14.5	50.8	28.1	61.8
Very fine silt	Hydrometer	0.0039	8	21.2	74.5	28.3	67.2	27.5	73.2	21.0	71.8	22.0	83.8
Clay	Hydrometer	<0.0039	--	25.5	100.0	32.8	100.0	26.8	100.0	28.2	100.0	16.2	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 11 - Testing Results for Sediment Core ID BA4B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA4B01 201313-15		BA4B01 201317-19		BA4B01 201321-23		BA4B01 201325-27		BA4B01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Medium sand	60	0.25	2	6.6	6.8	0.7	0.8	0.2	0.3	0.1	0.1	0.1	0.1
Fine sand	120	0.125	3	4.9	11.6	0.8	1.6	0.4	0.7	0.3	0.4	0.3	0.4
Very fine sand	200	0.075	3.75	15.1	26.7	18.2	19.8	13.8	14.5	9.1	9.6	8.6	9.0
Very fine sand	230	0.0625	4	7.2	33.9	8.8	28.6	9.1	23.6	10.7	20.3	10.1	19.1
Coarse silt	Hydrometer	0.0312	5	22.7	56.5	22.0	50.6	22.9	46.5	26.8	47.1	25.2	44.3
Very fine silt	Hydrometer	0.0039	8	29.7	86.2	39.3	89.9	44.2	90.7	43.4	90.5	46.1	90.4
Clay	Hydrometer	<0.0039	--	13.8	100.0	10.1	100.0	9.3	100.0	9.5	100.0	9.6	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 11 - Testing Results for Sediment Core ID BA4B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA4B01 201333-35		BA4B01 201337-39		BA4B01 201341-43		BA4B01 201345-47		BA4B01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Medium sand	60	0.25	2	0.1	0.1	0.9	0.9	0.1	0.1	0.0	0.1	0.1	0.2
Fine sand	120	0.125	3	0.4	0.5	1.3	2.2	0.6	0.7	0.5	0.6	6.1	6.3
Very fine sand	200	0.075	3.75	9.3	9.8	20.5	22.8	18.7	19.4	25.9	26.6	9.4	15.8
Very fine sand	230	0.0625	4	10.4	20.2	12.2	35.0	14.3	33.8	12.0	38.6	15.0	30.7
Coarse silt	Hydrometer	0.0312	5	26.1	46.3	30.4	65.4	35.8	69.6	30.2	68.8	37.4	68.1
Very fine silt	Hydrometer	0.0039	8	43.2	89.6	25.9	91.3	22.4	92.0	23.4	92.3	22.8	90.9
Clay	Hydrometer	<0.0039	--	10.4	100.0	8.7	100.0	8.0	100.0	7.7	100.0	9.1	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

**Table 11 - Testing Results for Sediment Core ID BA4B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California**

Sample ID				BA4B01 201353-55	
Depth Interval				52-56 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0
Very coarse sand	18	1.00	0	0.1	0.1
Coarse sand	35	0.50	1	0.1	0.2
Medium sand	60	0.25	2	0.1	0.3
Fine sand	120	0.125	3	0.5	0.8
Very fine sand	200	0.075	3.75	16.1	16.9
Very fine sand	230	0.0625	4	14.4	31.3
Coarse silt	Hydrometer	0.0312	5	35.6	66.9
Very fine silt	Hydrometer	0.0039	8	24.8	91.6
Clay	Hydrometer	<0.0039	--	8.4	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 12 - Testing Results for Sediment Core ID BA4C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA4C01 201301		BA4C01 201303		BA4C01 201305		BA4C01 201307		BA4C01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.1	0.2	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1
Medium sand	60	0.25	2	0.1	0.3	0.8	1.0	1.3	1.4	0.9	1.0	0.6	0.7
Fine sand	120	0.125	3	0.6	0.9	1.3	2.3	2.8	4.3	1.9	2.8	1.9	2.6
Very fine sand	200	0.075	3.75	9.9	10.8	14.7	17.0	18.0	22.2	11.9	14.8	15.7	18.3
Very fine sand	230	0.0625	4	4.4	15.2	9.7	26.8	5.9	28.2	8.3	23.1	7.6	25.9
Coarse silt	Hydrometer	0.0312	5	16.8	32.0	25.6	52.4	18.0	46.1	22.6	45.7	19.1	45.0
Very fine silt	Hydrometer	0.0039	8	33.8	65.8	28.9	81.3	29.4	75.6	34.4	80.1	44.3	89.3
Clay	Hydrometer	<0.0039	--	34.2	100.0	18.7	100.0	24.4	100.0	19.9	100.0	10.7	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 12 - Testing Results for Sediment Core ID BA4C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA4C01 201313-15		BA4C01 201317-19		BA4C01 201321-23		BA4C01 201325-27		BA4C01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.2
Coarse sand	35	0.50	1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.4
Medium sand	60	0.25	2	0.9	1.0	2.0	2.1	3.7	3.8	3.9	4.1	11.0	11.4
Fine sand	120	0.125	3	2.2	3.2	2.1	4.2	6.0	9.8	4.0	8.2	10.8	22.2
Very fine sand	200	0.075	3.75	19.9	23.1	20.1	24.3	16.2	25.9	15.9	24.0	13.6	35.9
Very fine sand	230	0.0625	4	6.9	30.0	8.5	32.8	7.8	33.8	7.6	31.7	6.4	42.2
Coarse silt	Hydrometer	0.0312	5	17.2	47.2	22.5	55.3	21.0	54.8	21.5	53.2	21.2	63.4
Very fine silt	Hydrometer	0.0039	8	42.1	89.3	34.3	89.6	34.2	89.0	34.2	87.3	21.7	85.1
Clay	Hydrometer	<0.0039	--	10.7	100.0	10.4	100.0	11.0	100.0	12.7	100.0	14.9	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 12 - Testing Results for Sediment Core ID BA4C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA4C01 201333-35		BA4C01 201337-39		BA4C01 201341-43		BA4C01 201345-47		BA4C01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Coarse sand	35	0.50	1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.1
Medium sand	60	0.25	2	4.7	4.9	3.0	3.1	0.8	0.8	0.2	0.4	0.4	0.5
Fine sand	120	0.125	3	5.2	10.1	2.6	5.7	1.4	2.2	0.9	1.3	1.4	1.8
Very fine sand	200	0.075	3.75	4.8	14.9	6.8	12.5	12.9	15.1	22.4	23.7	17.8	19.6
Very fine sand	230	0.0625	4	10.1	25.0	7.3	19.8	11.8	26.9	9.3	33.0	9.3	28.9
Coarse silt	Hydrometer	0.0312	5	33.1	58.1	23.5	43.3	29.9	56.8	23.5	56.5	23.3	52.2
Very fine silt	Hydrometer	0.0039	8	26.6	84.7	40.8	84.2	33.0	89.9	33.9	90.4	38.2	90.4
Clay	Hydrometer	<0.0039	--	15.3	100.0	15.8	100.0	10.1	100.0	9.6	100.0	9.6	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 12 - Testing Results for Sediment Core ID BA4C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA4C01 201353-55		BA4C01 201357-59		BA4C01 201361	
Depth Interval				52-56 cm		56-60 cm		60-61 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.1	0.1	0.1	0.1
Coarse sand	35	0.50	1	0.1	0.1	0.1	0.1	0.1	0.2
Medium sand	60	0.25	2	0.3	0.4	0.1	0.2	0.2	0.4
Fine sand	120	0.125	3	0.9	1.3	0.9	1.1	0.9	1.2
Very fine sand	200	0.075	3.75	24.2	25.4	21.9	23.0	22.7	24.0
Very fine sand	230	0.0625	4	9.9	35.4	8.2	31.2	11.1	35.1
Coarse silt	Hydrometer	0.0312	5	25.0	60.4	20.6	51.8	27.4	62.5
Very fine silt	Hydrometer	0.0039	8	31.1	91.5	39.1	90.9	20.4	82.9
Clay	Hydrometer	<0.0039	--	8.5	100.0	9.1	100.0	17.1	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 13 - Testing Results for Sediment Core ID BA4C022013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA4C02 201301		BA4C02 201303		BA4C02 201305		BA4C02 201307		BA4C02 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medium sand	60	0.25	2	0.1	0.1	0.2	0.2	0.2	0.2	0.6	0.6	0.2	0.3
Fine sand	120	0.125	3	1.1	1.2	0.8	1.0	0.8	1.1	1.1	1.6	0.9	1.1
Very fine sand	200	0.075	3.75	10.6	11.8	10.2	11.2	10.0	11.1	8.1	9.7	12.9	14.1
Very fine sand	230	0.0625	4	8.5	20.3	10.5	21.7	10.9	22.0	9.0	18.7	9.9	23.9
Coarse silt	Hydrometer	0.0312	5	21.8	42.1	27.1	48.7	27.2	49.2	24.1	42.8	25.8	49.8
Very fine silt	Hydrometer	0.0039	8	27.7	69.8	28.9	77.6	27.1	76.3	35.0	77.8	39.4	89.2
Clay	Hydrometer	<0.0039	--	30.2	100.0	22.4	100.0	23.7	100.0	22.2	100.0	10.8	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 13 - Testing Results for Sediment Core ID BA4C022013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA4C02 201313-15		BA4C02 201317-19		BA4C02 201321-23		BA4C02 201325-27		BA4C02 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.1	0.5	0.1	0.1	0.1	0.1
Coarse sand	35	0.50	1	0.0	0.1	0.0	0.1	0.1	0.6	0.1	0.2	0.1	0.2
Medium sand	60	0.25	2	0.7	0.8	0.3	0.4	4.3	4.9	9.4	9.6	10.1	10.3
Fine sand	120	0.125	3	1.3	2.1	1.3	1.7	5.5	10.5	9.6	19.1	11.6	21.9
Very fine sand	200	0.075	3.75	10.9	13.0	9.4	11.1	15.7	26.1	14.8	33.9	16.9	38.8
Very fine sand	230	0.0625	4	9.8	22.8	7.6	18.8	6.5	32.7	3.3	37.3	4.8	43.6
Coarse silt	Hydrometer	0.0312	5	24.5	47.3	20.3	39.1	17.8	50.5	16.1	53.4	17.8	61.4
Very fine silt	Hydrometer	0.0039	8	42.1	89.4	46.6	85.7	37.3	87.8	30.4	83.8	20.7	82.0
Clay	Hydrometer	<0.0039	--	10.6	100.0	14.3	100.0	12.2	100.0	16.2	100.0	18.0	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 13 - Testing Results for Sediment Core ID BA4C022013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA4C02 201333-35		BA4C02 201337-39		BA4C02 201341-43		BA4C02 201345-47		BA4C02 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0
Very coarse sand	18	1.00	0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.0	0.0
Coarse sand	35	0.50	1	0.4	0.5	0.1	0.1	0.1	0.1	0.1	0.4	0.1	0.1
Medium sand	60	0.25	2	10.7	11.2	0.5	0.6	0.9	1.1	4.6	4.9	0.1	0.2
Fine sand	120	0.125	3	7.8	19.0	1.0	1.6	1.0	2.0	2.5	7.4	0.7	0.9
Very fine sand	200	0.075	3.75	13.0	32.0	19.8	21.4	23.8	25.8	14.9	22.3	21.2	22.1
Very fine sand	230	0.0625	4	5.2	37.2	10.3	31.8	9.9	35.8	9.0	31.3	9.6	31.7
Coarse silt	Hydrometer	0.0312	5	17.6	54.9	25.9	57.7	24.9	60.7	23.3	54.6	24.1	55.9
Very fine silt	Hydrometer	0.0039	8	30.8	85.7	34.0	91.7	31.1	91.8	34.2	88.7	35.4	91.2
Clay	Hydrometer	<0.0039	--	14.3	100.0	8.3	100.0	8.2	100.0	11.3	100.0	8.8	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 13 - Testing Results for Sediment Core ID BA4C022013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA4C02 201353-55		BA4C02 201357-59		BA4C02 201361	
Depth Interval				52-56 cm		56-60 cm		60-61 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.1	0.1	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.1	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.0	0.2	0.0	0.1	0.0	0.1
Medium sand	60	0.25	2	0.1	0.2	0.1	0.1	0.1	0.2
Fine sand	120	0.125	3	0.8	1.0	0.7	0.9	1.0	1.2
Very fine sand	200	0.075	3.75	18.5	19.6	23.4	24.3	19.2	20.4
Very fine sand	230	0.0625	4	11.2	30.8	12.1	36.3	13.5	33.8
Coarse silt	Hydrometer	0.0312	5	28.1	58.9	29.9	66.3	32.5	66.3
Very fine silt	Hydrometer	0.0039	8	33.2	92.1	24.9	91.2	20.6	86.9
Clay	Hydrometer	<0.0039	--	7.9	100.0	8.8	100.0	13.1	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 14 - Testing Results for Sediment Core ID BA4DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA4DC01 201301		BA4DC01 201303		BA4DC01 201305		BA4DC01 201307		BA4DC01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Medium sand	60	0.25	2	0.2	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1
Fine sand	120	0.125	3	2.0	2.3	2.6	2.8	2.1	2.1	2.4	2.6	2.2	2.3
Very fine sand	200	0.075	3.75	16.6	19.0	16.1	18.9	14.8	16.9	15.7	18.2	18.1	20.4
Very fine sand	230	0.0625	4	7.1	26.1	4.9	23.8	5.8	22.7	7.6	25.8	5.1	25.6
Coarse silt	Hydrometer	0.0312	5	18.2	44.3	16.0	39.9	18.2	40.9	21.3	47.1	12.8	38.4
Very fine silt	Hydrometer	0.0039	8	22.6	66.9	39.1	78.9	34.3	75.2	36.8	83.9	50.3	88.7
Clay	Hydrometer	<0.0039	--	33.1	100.0	21.1	100.0	24.8	100.0	16.1	100.0	11.3	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 14 - Testing Results for Sediment Core ID BA4DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA4DC01 201313-15		BA4DC01 201317-19		BA4DC01 201321-23		BA4DC01 201325-27		BA4DC01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.1	0.1	0.9	0.9	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.1	0.2	0.5	1.4	0.1	0.1	0.0	0.0
Coarse sand	35	0.50	1	0.0	0.0	0.1	0.2	0.3	1.7	0.1	0.2	0.0	0.0
Medium sand	60	0.25	2	0.1	0.1	0.3	0.5	1.1	2.8	0.4	0.6	0.1	0.1
Fine sand	120	0.125	3	2.4	2.5	2.3	2.8	2.9	5.7	3.1	3.7	0.5	0.6
Very fine sand	200	0.075	3.75	13.4	16.0	14.0	16.9	18.2	23.9	21.9	25.6	19.8	20.3
Very fine sand	230	0.0625	4	4.7	20.7	5.4	22.3	3.2	27.1	5.7	31.3	7.6	27.9
Coarse silt	Hydrometer	0.0312	5	11.8	32.5	13.6	35.9	8.6	35.7	14.2	45.5	19.1	47.1
Very fine silt	Hydrometer	0.0039	8	54.6	87.1	51.7	87.6	51.6	87.4	44.5	90.0	42.3	89.3
Clay	Hydrometer	<0.0039	--	12.9	100.0	12.4	100.0	12.6	100.0	10.0	100.0	10.7	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 14 - Testing Results for Sediment Core ID BA4DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA4DC01 201333-35		BA4DC01 201337-39		BA4DC01 201341-43		BA4DC01 201345-47		BA4DC01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Very coarse sand	18	1.00	0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2
Coarse sand	35	0.50	1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.4
Medium sand	60	0.25	2	0.6	0.8	0.6	0.8	0.7	0.9	1.1	1.3	1.1	1.5
Fine sand	120	0.125	3	5.2	5.9	5.2	6.0	5.1	6.0	5.5	6.7	7.2	8.7
Very fine sand	200	0.075	3.75	25.7	31.6	24.3	30.4	27.4	33.4	23.1	29.8	24.7	33.4
Very fine sand	230	0.0625	4	5.4	37.0	5.1	35.5	4.3	37.7	5.1	34.9	4.4	37.8
Coarse silt	Hydrometer	0.0312	5	14.2	51.3	12.8	48.2	10.8	48.5	12.8	47.7	11.2	49.0
Very fine silt	Hydrometer	0.0039	8	38.5	89.8	42.3	90.5	41.8	90.3	42.1	89.8	40.8	89.8
Clay	Hydrometer	<0.0039	--	10.2	100.0	9.5	100.0	9.7	100.0	10.2	100.0	10.2	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 14 - Testing Results for Sediment Core ID BA4DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA4DC01 201353-55		BA4DC01 201357-59		BA4DC01 201361-63		BA4DC01 201365-67		BA4DC01 201369-71	
Depth Interval				52-56 cm		56-60 cm		60-64 cm		64-68 cm		68-72 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.2	0.2	0.2	0.2	0.1	0.1	0.3	0.3	0.2	0.2
Very coarse sand	18	1.00	0	0.2	0.4	0.2	0.4	0.1	0.2	0.1	0.4	0.1	0.3
Coarse sand	35	0.50	1	0.2	0.6	0.2	0.7	0.1	0.2	0.1	0.5	0.1	0.4
Medium sand	60	0.25	2	1.5	2.1	1.7	2.3	0.3	0.6	0.3	0.8	0.3	0.7
Fine sand	120	0.125	3	7.0	9.0	5.5	7.9	4.6	5.2	4.2	4.9	4.8	5.5
Very fine sand	200	0.075	3.75	22.7	31.7	22.0	29.9	28.5	33.7	29.3	34.3	27.3	32.8
Very fine sand	230	0.0625	4	4.3	36.0	4.7	34.6	6.4	40.1	6.4	40.7	7.9	40.7
Coarse silt	Hydrometer	0.0312	5	11.5	47.5	14.1	48.8	16.6	56.8	16.0	56.7	19.8	60.5
Very fine silt	Hydrometer	0.0039	8	41.4	88.9	38.6	87.3	32.0	88.8	33.7	90.4	30.2	90.6
Clay	Hydrometer	<0.0039	--	11.1	100.0	12.7	100.0	11.2	100.0	9.6	100.0	9.4	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 14 - Testing Results for Sediment Core ID BA4DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA4DC01 201373-75		BA4DC01 201377-79		BA4DC01 201381-83		BA4DC01 201385	
Depth Interval				72-76 cm		76-80 cm		80-84 cm		84-86 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.3	0.3	0.0	0.0	0.2	0.2	0.1	0.1
Very coarse sand	18	1.00	0	0.1	0.4	0.1	0.1	0.1	0.3	0.0	0.1
Coarse sand	35	0.50	1	0.1	0.5	0.1	0.1	0.1	0.4	0.1	0.2
Medium sand	60	0.25	2	0.2	0.7	0.3	0.4	0.2	0.7	0.2	0.4
Fine sand	120	0.125	3	4.9	5.6	5.2	5.6	4.5	5.1	6.0	6.4
Very fine sand	200	0.075	3.75	36.5	42.1	32.0	37.6	34.2	39.3	35.6	42.0
Very fine sand	230	0.0625	4	6.8	48.9	7.9	45.5	8.5	47.8	9.8	51.8
Coarse silt	Hydrometer	0.0312	5	17.0	65.9	19.9	65.4	20.0	67.8	21.4	73.2
Very fine silt	Hydrometer	0.0039	8	24.1	90.0	24.8	90.1	17.5	85.4	12.7	86.0
Clay	Hydrometer	<0.0039	--	10.0	100.0	9.9	100.0	14.6	100.0	14.0	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 15 - Testing Results for Sediment Core ID BA5B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5B01 201301		BA5B01 201303		BA5B01 201305		BA5B01 201307		BA5B01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.8	0.8	0.1	0.3	0.1	0.1	0.1	0.1	0.5	0.5
Coarse sand	35	0.50	1	0.3	1.1	0.1	0.4	0.2	0.2	0.2	0.3	0.3	0.8
Medium sand	60	0.25	2	0.6	1.7	4.5	4.9	8.2	8.5	12.4	12.7	20.0	20.8
Fine sand	120	0.125	3	2.0	3.8	6.8	11.7	13.3	21.7	19.1	31.8	21.8	42.6
Very fine sand	200	0.075	3.75	8.9	12.7	8.8	20.6	8.2	29.9	8.8	40.6	7.4	50.0
Very fine sand	230	0.0625	4	4.5	17.2	7.8	28.4	4.2	34.1	3.7	44.2	3.4	53.4
Coarse silt	Hydrometer	0.0312	5	19.3	36.5	20.7	49.1	12.1	46.1	12.5	56.7	11.5	64.9
Very fine silt	Hydrometer	0.0039	8	26.9	63.4	20.6	69.7	22.3	68.4	18.0	74.7	14.6	79.4
Clay	Hydrometer	<0.0039	--	36.6	100.0	30.3	100.0	31.6	100.0	25.3	100.0	20.6	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 15 - Testing Results for Sediment Core ID BA5B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5B01 201313-15		BA5B01 201317-19		BA5B01 201321-23		BA5B01 201325-27		BA5B01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.3	0.7	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1
Medium sand	60	0.25	2	17.2	17.9	2.5	2.6	0.4	0.4	1.7	1.7	0.2	0.3
Fine sand	120	0.125	3	12.4	30.3	4.9	7.4	0.6	1.0	1.3	3.1	0.4	0.7
Very fine sand	200	0.075	3.75	8.7	39.0	10.0	17.5	12.2	13.2	10.1	13.2	9.5	10.2
Very fine sand	230	0.0625	4	3.8	42.9	7.5	25.0	5.2	18.4	14.0	27.1	9.8	20.0
Coarse silt	Hydrometer	0.0312	5	16.9	59.8	20.1	45.1	13.1	31.5	35.1	62.2	24.5	44.5
Very fine silt	Hydrometer	0.0039	8	20.9	80.8	41.9	86.9	56.9	88.4	28.2	90.4	46.3	90.8
Clay	Hydrometer	<0.0039	--	19.2	100.0	13.1	100.0	11.6	100.0	9.6	100.0	9.2	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 15 - Testing Results for Sediment Core ID BA5B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5B01 201333-35		BA5B01 201337-39		BA5B01 201341-43		BA5B01 201345-47		BA5B01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Medium sand	60	0.25	2	0.1	0.1	0.0	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Fine sand	120	0.125	3	0.3	0.4	0.2	0.3	0.4	0.6	0.5	0.6	0.5	0.6
Very fine sand	200	0.075	3.75	6.2	6.6	8.5	8.8	11.8	12.4	21.1	21.7	17.5	18.1
Very fine sand	230	0.0625	4	9.5	16.1	8.1	16.9	7.0	19.5	12.2	33.9	14.3	32.5
Coarse silt	Hydrometer	0.0312	5	23.7	39.8	20.2	37.2	17.6	37.1	30.4	64.2	35.5	68.0
Very fine silt	Hydrometer	0.0039	8	50.5	90.3	52.1	89.2	51.7	88.8	26.7	90.9	23.6	91.6
Clay	Hydrometer	<0.0039	--	9.7	100.0	10.8	100.0	11.2	100.0	9.1	100.0	8.4	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 15 - Testing Results for Sediment Core ID BA5B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5B01 201353-55		BA5B01 201357-59		BA5B01 201361-63		BA5B01 201365	
Depth Interval				52-56 cm		56-60 cm		60-64 cm		64-65 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Coarse sand	35	0.50	1	0.1	0.1	0.0	0.0	0.1	0.2	0.1	0.1
Medium sand	60	0.25	2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
Fine sand	120	0.125	3	0.4	0.5	0.4	0.5	0.5	0.7	0.5	0.7
Very fine sand	200	0.075	3.75	24.6	25.1	15.8	16.3	22.3	23.0	14.5	15.2
Very fine sand	230	0.0625	4	13.3	38.3	14.9	31.2	13.2	36.2	15.1	30.3
Coarse silt	Hydrometer	0.0312	5	33.2	71.5	36.9	68.1	32.7	68.9	37.2	67.5
Very fine silt	Hydrometer	0.0039	8	19.9	91.4	22.5	90.6	22.4	91.2	22.0	89.5
Clay	Hydrometer	<0.0039	--	8.6	100.0	9.4	100.0	8.8	100.0	10.5	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 16 - Testing Results for Sediment Core ID BA5B022013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5B02201301		BA5B02201303		BA5B02201305		BA5B02201307		BA5B02201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
USCS Classification ASTM D 2487	Sieve number	Particle Size (mm)	Phi interval	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.5	1.0	0.1	0.1	0.1	0.1	0.3	0.3
Coarse sand	35	0.50	1	0.0	0.0	0.3	1.3	0.2	0.3	0.2	0.2	0.4	0.7
Medium sand	60	0.25	2	1.6	1.7	6.5	7.7	11.1	11.3	13.2	13.4	18.2	18.9
Fine sand	120	0.125	3	3.8	5.5	6.2	13.9	10.9	22.2	13.7	27.1	20.3	39.2
Very fine sand	200	0.075	3.75	9.7	15.2	9.8	23.8	7.8	30.0	7.0	34.2	7.6	46.8
Very fine sand	230	0.0625	4	10.3	25.5	6.9	30.6	2.8	32.7	6.6	40.7	3.4	50.3
Coarse silt	Hydrometer	0.0312	5	26.0	51.5	19.9	50.6	14.6	47.4	14.0	54.8	15.7	66.0
Very fine silt	Hydrometer	0.0039	8	19.4	70.9	20.5	71.1	22.1	69.4	14.2	69.0	13.4	79.4
Clay	Hydrometer	<0.0039	--	29.1	100.0	28.9	100.0	30.6	100.0	31.0	100.0	20.6	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 16 - Testing Results for Sediment Core ID BA5B022013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5B02201313-15		BA5B02201317-19		BA5B02201321-23		BA5B02201325-27		BA5B02201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
USCS Classification ASTM D 2487	Sieve number	Particle Size (mm)	Phi interval	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.4	0.4	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0
Coarse sand	35	0.50	1	12.3	12.8	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
Medium sand	60	0.25	2	12.6	25.3	9.2	9.3	4.9	5.0	1.9	2.1	0.0	0.1
Fine sand	120	0.125	3	4.7	30.0	6.0	15.3	2.0	7.0	1.8	3.8	0.2	0.3
Very fine sand	200	0.075	3.75	7.1	37.2	10.3	25.6	13.4	20.4	8.8	12.7	8.8	9.1
Very fine sand	230	0.0625	4	2.7	39.8	7.6	33.2	11.5	31.9	9.5	22.2	9.3	18.4
Coarse silt	Hydrometer	0.0312	5	14.4	54.2	26.6	59.8	30.8	62.7	23.9	46.1	23.2	41.5
Very fine silt	Hydrometer	0.0039	8	21.7	75.9	24.4	84.1	26.0	88.7	43.8	89.9	48.2	89.7
Clay	Hydrometer	<0.0039	--	24.1	100.0	15.9	100.0	11.3	100.0	10.1	100.0	10.3	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 16 - Testing Results for Sediment Core ID BA5B022013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5B02201333-35		BA5B02201337-39		BA5B02201341-43		BA5B02201345-47		BA5B02201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
USCS Classification ASTM D 2487	Sieve number	Particle Size (mm)	Phi interval	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Medium sand	60	0.25	2	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Fine sand	120	0.125	3	0.3	0.4	0.2	0.3	0.3	0.5	0.3	0.4	0.6	0.7
Very fine sand	200	0.075	3.75	6.2	6.5	7.8	8.1	6.2	6.6	13.6	14.1	17.2	17.9
Very fine sand	230	0.0625	4	10.2	16.7	8.3	16.3	8.3	14.9	10.7	24.8	12.7	30.7
Coarse silt	Hydrometer	0.0312	5	25.4	42.1	20.7	37.1	20.7	35.7	26.9	51.7	32.0	62.7
Very fine silt	Hydrometer	0.0039	8	47.0	89.1	52.7	89.8	54.1	89.8	37.9	89.6	27.8	90.5
Clay	Hydrometer	<0.0039	--	10.9	100.0	10.2	100.0	10.2	100.0	10.4	100.0	9.5	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 16 - Testing Results for Sediment Core ID BA5B022013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5B02201353-55		BA5B02201357-59		BA5B02201361-63		BA5B02201365-67	
Depth Interval				52-56 cm		56-60 cm		60-64 cm		64-68 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Coarse sand	35	0.50	1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Medium sand	60	0.25	2	0.1	0.1	0.0	0.1	0.1	0.2	0.1	0.1
Fine sand	120	0.125	3	0.4	0.5	0.1	0.2	0.5	0.7	0.5	0.7
Very fine sand	200	0.075	3.75	23.3	23.9	9.1	9.3	23.1	23.8	20.6	21.2
Very fine sand	230	0.0625	4	12.6	36.4	17.8	27.1	12.9	36.7	15.4	36.6
Coarse silt	Hydrometer	0.0312	5	31.8	68.2	44.0	71.1	32.7	69.4	36.7	73.3
Very fine silt	Hydrometer	0.0039	8	22.9	91.2	20.3	91.4	22.0	91.4	19.4	92.7
Clay	Hydrometer	<0.0039	--	8.8	100.0	8.6	100.0	8.6	100.0	7.3	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 17 - Testing Results for Sediment Core ID BA5C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5C01 201301		BA5C01 201303		BA5C01 201305		BA5C01 201307		BA5C01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.2	0.3	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Medium sand	60	0.25	2	0.1	0.4	0.4	0.4	0.2	0.2	0.4	0.4	0.4	0.5
Fine sand	120	0.125	3	1.0	1.4	2.1	2.6	1.3	1.5	1.2	1.6	2.0	2.5
Very fine sand	200	0.075	3.75	9.7	11.0	7.9	10.4	11.0	12.5	8.2	9.8	17.7	20.2
Very fine sand	230	0.0625	4	10.2	21.2	7.0	17.4	9.8	22.3	9.9	19.7	8.1	28.3
Coarse silt	Hydrometer	0.0312	5	25.6	46.8	22.1	39.5	27.0	49.3	28.2	47.9	20.2	48.5
Very fine silt	Hydrometer	0.0039	8	24.9	71.8	35.2	74.8	28.6	77.9	32.1	80.0	41.2	89.6
Clay	Hydrometer	<0.0039	--	28.3	100.0	25.3	100.0	22.1	100.0	20.0	100.0	10.4	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 17 - Testing Results for Sediment Core ID BA5C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5C01 201313-15		BA5C01 201317-19		BA5C01 201321-23		BA5C01 201325-27		BA5C01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.0	0.0	0.1	0.2	2.4	2.5	0.0	0.0	0.0	0.0
Medium sand	60	0.25	2	1.6	1.6	1.3	1.5	8.7	11.2	0.6	0.6	0.7	0.7
Fine sand	120	0.125	3	2.5	4.2	5.1	6.6	9.9	21.2	4.3	4.9	7.7	8.5
Very fine sand	200	0.075	3.75	12.9	17.0	16.4	23.1	3.4	24.6	7.8	12.7	5.3	13.8
Very fine sand	230	0.0625	4	8.1	25.1	7.1	30.2	7.8	32.4	8.5	21.2	12.1	25.9
Coarse silt	Hydrometer	0.0312	5	23.2	48.3	24.2	54.3	25.7	58.1	31.2	52.4	36.8	62.7
Very fine silt	Hydrometer	0.0039	8	39.3	87.5	33.4	87.8	28.6	86.7	29.8	82.3	19.8	82.5
Clay	Hydrometer	<0.0039	--	12.5	100.0	12.2	100.0	13.3	100.0	17.7	100.0	17.5	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 17 - Testing Results for Sediment Core ID BA5C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5C01 201333-35		BA5C01 201337-39		BA5C01 201341-43		BA5C01 201345-47		BA5C01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.3	0.1	0.1
Medium sand	60	0.25	2	0.3	0.4	0.4	0.4	0.4	0.4	0.6	0.9	0.4	0.5
Fine sand	120	0.125	3	5.7	6.1	3.5	3.9	3.4	3.8	6.8	7.7	2.7	3.2
Very fine sand	200	0.075	3.75	4.4	10.6	4.8	8.7	4.0	7.7	5.9	13.6	7.2	10.4
Very fine sand	230	0.0625	4	10.7	21.2	5.1	13.8	6.0	13.7	5.5	19.2	8.6	19.0
Coarse silt	Hydrometer	0.0312	5	40.1	61.3	31.3	45.1	32.9	46.6	31.1	50.3	30.8	49.9
Very fine silt	Hydrometer	0.0039	8	18.4	79.7	33.3	78.4	33.3	79.9	31.2	81.5	32.6	82.5
Clay	Hydrometer	<0.0039	--	20.3	100.0	21.6	100.0	20.1	100.0	18.5	100.0	17.5	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 17 - Testing Results for Sediment Core ID BA5C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5C01 201353-55		BA5C01 201357-59		BA5C01 201361-63		BA5C01 201365-67		BA5C01 201369-71	
Depth Interval				52-56 cm		56-60 cm		60-64 cm		64-68 cm		68-72 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1
Coarse sand	35	0.50	1	0.3	0.3	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.2
Medium sand	60	0.25	2	1.3	1.6	0.1	0.2	0.1	0.3	2.0	2.3	1.0	1.2
Fine sand	120	0.125	3	3.5	5.2	0.4	0.6	0.5	0.8	3.2	5.5	0.2	1.4
Very fine sand	200	0.075	3.75	6.5	11.7	17.7	18.3	16.3	17.2	9.1	14.6	10.8	12.3
Very fine sand	230	0.0625	4	9.0	20.6	11.3	29.6	11.5	28.7	11.6	26.1	9.4	21.6
Coarse silt	Hydrometer	0.0312	5	25.1	45.7	28.4	58.0	28.9	57.5	29.4	55.5	23.4	45.0
Very fine silt	Hydrometer	0.0039	8	42.0	87.7	34.0	92.0	34.8	92.3	34.8	90.3	44.5	89.5
Clay	Hydrometer	<0.0039	--	12.3	100.0	8.0	100.0	7.7	100.0	9.7	100.0	10.5	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 17 - Testing Results for Sediment Core ID BA5C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5C01 201373-75		BA5C01 201377-79		BA5C01 201380.5	
Depth Interval				72-76 cm		76-80 cm		80-82 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.1	0.1
Coarse sand	35	0.50	1	0.1	0.1	0.0	0.0	0.1	0.2
Medium sand	60	0.25	2	0.1	0.2	0.1	0.1	0.1	0.3
Fine sand	120	0.125	3	0.5	0.7	0.5	0.6	0.4	0.8
Very fine sand	200	0.075	3.75	20.9	21.5	20.8	21.4	17.7	18.5
Very fine sand	230	0.0625	4	9.6	31.1	12.8	34.2	13.0	31.5
Coarse silt	Hydrometer	0.0312	5	24.0	55.1	31.9	66.0	32.7	64.2
Very fine silt	Hydrometer	0.0039	8	35.3	90.4	26.4	92.4	25.2	89.5
Clay	Hydrometer	<0.0039	--	9.6	100.0	7.6	100.0	10.5	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 18 - Testing Results for Sediment Core ID BA5DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5DC01 201301		BA5DC01 201303		BA5DC01 201305		BA5DC01 201307		BA5DC01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Medium sand	60	0.25	2	1.6	1.9	1.3	1.5	0.2	0.2	0.1	0.1	0.3	0.3
Fine sand	120	0.125	3	7.8	9.7	5.4	6.9	1.7	1.8	1.2	1.3	1.5	1.8
Very fine sand	200	0.075	3.75	9.6	19.2	15.6	22.5	17.2	19.1	16.8	18.2	18.2	20.0
Very fine sand	230	0.0625	4	6.5	25.8	6.9	29.4	8.8	27.9	7.2	25.4	8.1	28.2
Coarse silt	Hydrometer	0.0312	5	18.3	44.1	20.1	49.5	23.2	51.1	21.1	46.5	22.3	50.4
Very fine silt	Hydrometer	0.0039	8	28.3	72.4	31.8	81.3	29.7	80.8	34.2	80.7	39.5	89.9
Clay	Hydrometer	<0.0039	--	27.6	100.0	18.7	100.0	19.2	100.0	19.3	100.0	10.1	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 18 - Testing Results for Sediment Core ID BA5DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5DC01 201313-15		BA5DC01 201317-19		BA5DC01 201321-23		BA5DC01 201325-27		BA5DC01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Medium sand	60	0.25	2	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.4	0.5
Fine sand	120	0.125	3	1.4	1.7	1.9	2.1	1.3	1.6	1.7	2.0	1.6	2.0
Very fine sand	200	0.075	3.75	19.8	21.5	18.4	20.6	18.8	20.4	16.7	18.7	24.1	26.2
Very fine sand	230	0.0625	4	6.5	28.0	7.1	27.6	6.2	26.5	5.4	24.1	6.8	32.9
Coarse silt	Hydrometer	0.0312	5	16.3	44.3	17.7	45.3	15.4	41.9	13.6	37.7	17.0	49.9
Very fine silt	Hydrometer	0.0039	8	45.9	90.2	44.0	89.3	47.8	89.8	51.7	89.4	40.5	90.4
Clay	Hydrometer	<0.0039	--	9.8	100.0	10.7	100.0	10.2	100.0	10.6	100.0	9.6	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 18 - Testing Results for Sediment Core ID BA5DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5DC01 201333-35		BA5DC01 201337-39		BA5DC01 201341-43		BA5DC01 201345-47		BA5DC01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.1	0.2	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2
Coarse sand	35	0.50	1	0.1	0.3	0.1	0.1	0.3	0.3	0.3	0.4	0.3	0.5
Medium sand	60	0.25	2	0.6	0.9	0.3	0.5	0.6	1.0	1.3	1.7	0.8	1.3
Fine sand	120	0.125	3	2.5	3.4	2.3	2.8	3.1	4.1	4.0	5.7	3.1	4.4
Very fine sand	200	0.075	3.75	23.3	26.7	26.9	29.7	32.1	36.2	30.1	35.8	30.8	35.2
Very fine sand	230	0.0625	4	4.8	31.6	6.3	36.0	5.7	41.9	6.7	42.5	7.8	43.1
Coarse silt	Hydrometer	0.0312	5	12.1	43.7	15.7	51.7	14.8	56.7	17.2	59.8	19.2	62.3
Very fine silt	Hydrometer	0.0039	8	46.1	89.8	38.8	90.5	33.1	89.8	30.1	89.9	25.1	87.4
Clay	Hydrometer	<0.0039	--	10.2	100.0	9.5	100.0	10.2	100.0	10.1	100.0	12.6	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 18 - Testing Results for Sediment Core ID BA5DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5DC01 201353-55		BA5DC01 201357-59		BA5DC01 201361-63		BA5DC01 201365-67		BA5DC01 201369-71	
Depth Interval				52-56 cm		56-60 cm		60-64 cm		64-68 cm		68-72 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.2	0.2	0.2	0.2	0.1	0.1	0.6	0.6	0.1	0.1
Very coarse sand	18	1.00	0	0.0	0.3	0.2	0.3	0.1	0.2	0.2	0.8	0.2	0.3
Coarse sand	35	0.50	1	0.3	0.5	0.4	0.7	0.3	0.5	0.3	1.1	0.3	0.6
Medium sand	60	0.25	2	2.3	2.8	2.1	2.9	2.7	3.3	1.1	2.2	0.9	1.5
Fine sand	120	0.125	3	5.2	8.1	4.8	7.7	5.0	8.3	4.8	7.1	5.2	6.7
Very fine sand	200	0.075	3.75	24.8	32.9	27.6	35.3	27.9	36.2	33.5	40.6	35.0	41.7
Very fine sand	230	0.0625	4	8.6	41.4	5.5	40.8	5.7	41.9	4.5	45.1	4.9	46.6
Coarse silt	Hydrometer	0.0312	5	21.5	63.0	14.3	55.2	15.0	56.8	11.4	56.5	12.4	59.0
Very fine silt	Hydrometer	0.0039	8	27.8	90.8	34.1	89.2	32.0	88.9	34.0	90.5	31.0	90.0
Clay	Hydrometer	<0.0039	--	9.2	100.0	10.8	100.0	11.1	100.0	9.5	100.0	10.0	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 18 - Testing Results for Sediment Core ID BA5DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA5DC01 201373-75		BA5DC01 201377-79	
Depth Interval				72-76 cm		76-80 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.3	0.3
Very coarse sand	18	1.00	0	0.1	0.1	0.2	0.6
Coarse sand	35	0.50	1	0.3	0.4	0.3	0.9
Medium sand	60	0.25	2	0.6	1.0	0.4	1.3
Fine sand	120	0.125	3	3.6	4.5	3.4	4.7
Very fine sand	200	0.075	3.75	39.6	44.1	36.1	40.8
Very fine sand	230	0.0625	4	6.6	50.7	7.6	48.4
Coarse silt	Hydrometer	0.0312	5	16.4	67.1	19.0	67.5
Very fine silt	Hydrometer	0.0039	8	23.9	91.0	23.9	91.4
Clay	Hydrometer	<0.0039	--	9.0	100.0	8.6	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 19 - Testing Results for Sediment Core ID BA6B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA6B01 201301		BA6B01 201303		BA6B01 201305		BA6B01 201307		BA6B01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.4	0.4	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.9	1.3	0.4	0.6	0.7	0.7	0.3	0.3	0.2	0.2
Medium sand	60	0.25	2	6.5	7.8	10.4	11.0	12.9	13.6	11.7	12.0	10.5	10.7
Fine sand	120	0.125	3	9.1	16.9	12.5	23.5	17.6	31.2	17.8	29.8	9.8	20.5
Very fine sand	200	0.075	3.75	15.7	32.6	10.6	34.1	8.9	40.1	6.9	36.7	5.0	25.5
Very fine sand	230	0.0625	4	5.5	38.1	4.4	38.5	4.2	44.3	3.8	40.5	8.1	33.7
Coarse silt	Hydrometer	0.0312	5	14.6	52.6	12.1	50.6	12.4	56.7	10.6	51.1	29.1	62.8
Very fine silt	Hydrometer	0.0039	8	18.0	70.7	22.7	73.3	17.3	74.0	14.5	65.6	15.9	78.7
Clay	Hydrometer	<0.0039	--	29.4	100.0	26.7	100.0	26.1	100.0	34.4	100.0	21.3	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 19 - Testing Results for Sediment Core ID BA6B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA6B01 201313-15		BA6B01 201317-19		BA6B01 201321-23		BA6B01 201325-27		BA6B01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.1	0.5	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4
Coarse sand	35	0.50	1	0.3	0.8	0.9	1.1	1.3	1.6	1.3	1.5	1.7	2.1
Medium sand	60	0.25	2	2.4	3.2	1.2	2.3	0.6	2.1	0.5	2.0	0.5	2.6
Fine sand	120	0.125	3	3.3	6.5	1.6	3.9	0.6	2.7	0.4	2.3	0.4	3.0
Very fine sand	200	0.075	3.75	7.3	13.8	13.2	17.1	10.4	13.2	11.2	13.5	10.8	13.8
Very fine sand	230	0.0625	4	13.4	27.2	9.5	26.6	10.4	23.5	9.6	23.1	10.1	23.9
Coarse silt	Hydrometer	0.0312	5	37.8	65.0	24.7	51.4	26.0	49.5	24.0	47.0	25.2	49.1
Very fine silt	Hydrometer	0.0039	8	22.4	87.3	37.2	88.6	41.1	90.6	43.9	91.0	41.4	90.5
Clay	Hydrometer	<0.0039	--	12.7	100.0	11.4	100.0	9.4	100.0	9.1	100.0	9.6	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 19 - Testing Results for Sediment Core ID BA6B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA6B01 201333-35		BA6B01 201337-39		BA6B01 201341-43		BA6B01 201345-47		BA6B01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.1	0.1	0.2	0.2	0.7	0.7	20.1	20.1	24.0	24.0
Very coarse sand	18	1.00	0	0.8	0.9	1.2	1.4	1.7	2.4	3.7	23.8	5.9	29.9
Coarse sand	35	0.50	1	2.1	3.0	2.7	4.1	3.6	6.0	4.5	28.2	4.9	34.8
Medium sand	60	0.25	2	0.7	3.7	0.9	5.0	1.1	7.1	1.0	29.2	1.2	36.1
Fine sand	120	0.125	3	0.4	4.1	0.4	5.4	0.5	7.5	0.4	29.7	0.7	36.8
Very fine sand	200	0.075	3.75	10.4	14.4	7.0	12.4	9.4	17.0	12.7	42.3	10.4	47.2
Very fine sand	230	0.0625	4	9.1	23.5	9.0	21.4	8.5	25.5	5.3	47.6	5.7	52.9
Coarse silt	Hydrometer	0.0312	5	22.8	46.3	22.5	43.9	21.3	46.8	13.3	60.9	14.4	67.2
Very fine silt	Hydrometer	0.0039	8	44.7	91.0	45.6	89.5	44.6	91.4	31.3	92.2	24.8	92.0
Clay	Hydrometer	<0.0039	--	9.0	100.0	10.5	100.0	8.6	100.0	7.8	100.0	8.0	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 19 - Testing Results for Sediment Core ID BA6B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA6B01 201353-55		BA6B01 201357-59		BA6B01 201361-63		BA6B01 201365-67		BA6B01 201369-71	
Depth Interval				52-56 cm		56-60 cm		60-64 cm		64-68 cm		68-72 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	3.5	3.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	1.7	5.2	0.7	0.7	0.1	0.1	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	3.3	8.5	2.1	2.8	0.1	0.2	0.1	0.1	0.1	0.1
Medium sand	60	0.25	2	1.0	9.5	0.8	3.7	0.1	0.3	0.1	0.2	0.0	0.1
Fine sand	120	0.125	3	0.4	9.9	0.5	4.2	0.2	0.5	0.2	0.3	0.2	0.3
Very fine sand	200	0.075	3.75	9.8	19.7	10.8	15.0	1.6	2.1	1.6	1.9	2.4	2.7
Very fine sand	230	0.0625	4	5.3	24.9	8.5	23.5	6.7	8.8	6.6	8.5	8.4	11.1
Coarse silt	Hydrometer	0.0312	5	13.2	38.2	20.4	43.9	16.9	25.7	16.5	25.1	21.0	32.1
Very fine silt	Hydrometer	0.0039	8	54.3	92.5	48.0	91.9	63.3	89.0	62.8	87.8	58.7	90.8
Clay	Hydrometer	<0.0039	--	7.5	100.0	8.1	100.0	11.0	100.0	12.2	100.0	9.2	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 19 - Testing Results for Sediment Core ID BA6B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA6B01 201373-75		BA6B01 201377	
Depth Interval				72-76 cm		76-80 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.1	0.1	0.1	0.1
Medium sand	60	0.25	2	0.1	0.1	0.0	0.2
Fine sand	120	0.125	3	0.2	0.3	0.1	0.3
Very fine sand	200	0.075	3.75	2.2	2.5	1.9	2.2
Very fine sand	230	0.0625	4	8.1	10.6	5.8	7.9
Coarse silt	Hydrometer	0.0312	5	20.2	30.8	14.4	22.4
Very fine silt	Hydrometer	0.0039	8	60.8	91.6	62.5	84.8
Clay	Hydrometer	<0.0039	--	8.4	100.0	15.2	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 20 - Testing Results for Sediment Core ID BA6BC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA6BC01201301		BA6BC01201303		BA6BC01201305		BA6BC01201307		BA6BC01201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	1.0	1.0	2.0	2.0	1.2	1.2	0.2	0.2	0.4	0.4
Very coarse sand	18	1.00	0	0.8	1.8	1.7	3.8	0.8	2.0	0.6	0.8	0.5	1.0
Coarse sand	35	0.50	1	0.7	2.5	1.1	4.9	0.7	2.7	1.0	1.8	1.1	2.1
Medium sand	60	0.25	2	1.3	3.9	3.2	8.1	3.2	5.8	3.6	5.4	14.2	16.4
Fine sand	120	0.125	3	3.4	7.2	6.3	14.5	7.1	12.9	7.9	13.3	13.7	30.1
Very fine sand	200	0.075	3.75	13.6	20.9	12.4	26.9	10.5	23.4	14.7	28.0	14.4	44.5
Very fine sand	230	0.0625	4	10.6	31.4	6.1	32.9	6.5	29.9	3.3	31.3	4.6	49.2
Coarse silt	Hydrometer	0.0312	5	26.2	57.7	17.7	50.6	15.9	45.8	11.9	43.2	13.8	63.0
Very fine silt	Hydrometer	0.0039	8	14.6	72.2	16.5	67.1	19.8	65.7	22.3	65.5	17.6	80.6
Clay	Hydrometer	<0.0039	--	27.8	100.0	32.9	100.0	34.3	100.0	34.5	100.0	19.4	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 20 - Testing Results for Sediment Core ID BA6BC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA6BC01201313-15		BA6BC01201317-19		BA6BC01201321-23		BA6BC01201325-27		BA6BC01201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	32.0	32.0	50.2	50.2	34.5	34.5	35.2	35.2	37.0	37.0
Very coarse sand	18	1.00	0	2.7	34.7	5.7	55.9	8.8	43.3	8.1	43.3	5.9	42.9
Coarse sand	35	0.50	1	1.9	36.6	3.6	59.5	6.2	49.5	7.3	50.6	6.8	49.7
Medium sand	60	0.25	2	7.3	43.9	3.7	63.2	4.6	54.1	5.0	55.6	6.2	55.9
Fine sand	120	0.125	3	6.2	50.1	1.4	64.6	2.0	56.1	2.0	57.6	3.1	59.0
Very fine sand	200	0.075	3.75	12.8	62.9	7.9	72.5	8.6	64.7	9.6	67.2	6.4	65.5
Very fine sand	230	0.0625	4	1.3	64.3	3.1	75.6	4.4	69.1	3.2	70.4	4.0	69.5
Coarse silt	Hydrometer	0.0312	5	6.4	70.6	8.2	83.7	11.3	80.4	8.4	78.8	9.3	78.7
Very fine silt	Hydrometer	0.0039	8	14.2	84.8	9.0	92.7	12.2	92.7	13.8	92.6	14.0	92.8
Clay	Hydrometer	<0.0039	--	15.2	100.0	7.3	100.0	7.3	100.0	7.4	100.0	7.2	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 21 - Testing Results for Sediment Core ID BA6C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA6C01 201301		BA6C01 201303		BA6C01 201305		BA6C01 201307		BA6C01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.0	0.0	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.0
Medium sand	60	0.25	2	0.1	0.1	0.5	0.6	0.2	0.4	0.3	0.3	0.5	0.5
Fine sand	120	0.125	3	5.7	5.8	1.2	1.8	1.7	2.1	0.4	0.6	3.6	4.1
Very fine sand	200	0.075	3.75	13.4	19.3	11.8	13.6	6.0	8.0	14.7	15.4	14.1	18.2
Very fine sand	230	0.0625	4	4.8	24.1	7.9	21.5	13.0	21.1	8.6	24.0	10.8	28.9
Coarse silt	Hydrometer	0.0312	5	14.3	38.4	22.4	43.9	31.6	52.7	22.0	46.0	28.7	57.6
Very fine silt	Hydrometer	0.0039	8	23.7	62.1	26.1	70.1	23.4	76.1	25.1	71.1	30.7	88.3
Clay	Hydrometer	<0.0039	--	37.9	100.0	29.9	100.0	23.9	100.0	28.9	100.0	11.7	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 21 - Testing Results for Sediment Core ID BA6C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA6C01 201313-15		BA6C01 201317-19		BA6C01 201321-23		BA6C01 201325-27		BA6C01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.1
Medium sand	60	0.25	2	0.6	0.7	0.5	0.5	1.5	1.5	4.1	4.2	2.4	2.5
Fine sand	120	0.125	3	5.3	6.0	5.1	5.6	9.8	11.4	17.3	21.5	23.7	26.2
Very fine sand	200	0.075	3.75	13.4	19.4	16.6	22.2	15.2	26.5	16.2	37.7	12.8	39.0
Very fine sand	230	0.0625	4	7.6	27.0	7.4	29.5	7.9	34.4	4.1	41.8	5.9	44.9
Coarse silt	Hydrometer	0.0312	5	21.4	48.4	26.6	56.1	25.8	60.2	18.7	60.5	21.6	66.4
Very fine silt	Hydrometer	0.0039	8	37.6	86.0	27.1	83.3	19.1	79.4	19.8	80.4	13.9	80.3
Clay	Hydrometer	<0.0039	--	14.0	100.0	16.7	100.0	20.6	100.0	19.6	100.0	19.7	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 21 - Testing Results for Sediment Core ID BA6C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA6C01 201333-35		BA6C01 201337-39		BA6C01 201341-43		BA6C01 201345-47		BA6C01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.1	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.4	0.7	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1
Medium sand	60	0.25	2	3.5	4.1	1.4	1.6	1.5	1.6	1.4	1.5	0.8	0.9
Fine sand	120	0.125	3	28.2	32.4	30.2	31.9	18.9	20.5	19.7	21.2	6.8	7.7
Very fine sand	200	0.075	3.75	16.2	48.6	11.8	43.7	10.3	30.8	11.6	32.8	16.1	23.7
Very fine sand	230	0.0625	4	3.2	51.8	2.5	46.2	3.0	33.9	3.2	36.1	6.3	30.1
Coarse silt	Hydrometer	0.0312	5	16.6	68.4	16.9	63.2	22.1	56.0	19.9	56.0	21.0	51.1
Very fine silt	Hydrometer	0.0039	8	10.0	78.4	13.9	77.0	24.4	80.4	23.3	79.2	28.5	79.7
Clay	Hydrometer	<0.0039	--	21.6	100.0	23.0	100.0	19.6	100.0	20.8	100.0	20.3	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 21 - Testing Results for Sediment Core ID BA6C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA6C01 201353-55		BA6C01 201357-59		BA6C01 201361-63		BA6C01 201365-67		BA6C01 201369-71	
Depth Interval				52-56 cm		56-60 cm		60-64 cm		64-68 cm		68-72 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Coarse sand	35	0.50	1	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.0	0.0
Medium sand	60	0.25	2	0.3	0.4	0.1	0.1	0.1	0.2	0.1	0.3	0.1	0.1
Fine sand	120	0.125	3	3.2	3.6	0.8	0.9	0.9	1.1	0.4	0.7	0.5	0.6
Very fine sand	200	0.075	3.75	15.0	18.6	24.6	25.5	12.1	13.1	22.0	22.7	13.4	14.0
Very fine sand	230	0.0625	4	12.0	30.5	9.1	34.6	14.2	27.4	10.1	32.8	11.7	25.7
Coarse silt	Hydrometer	0.0312	5	31.5	62.1	22.7	57.3	35.5	62.9	25.1	57.9	29.2	54.9
Very fine silt	Hydrometer	0.0039	8	26.9	88.9	34.0	91.3	25.6	88.5	34.0	91.9	36.1	91.1
Clay	Hydrometer	<0.0039	--	11.1	100.0	8.7	100.0	11.5	100.0	8.1	100.0	8.9	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 21 - Testing Results for Sediment Core ID BA6C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA6C01 201373-75		BA6C01 201377-79	
Depth Interval				72-76 cm		76-80 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.1	0.1	0.1	0.1
Coarse sand	35	0.50	1	0.1	0.2	0.1	0.2
Medium sand	60	0.25	2	0.1	0.3	0.0	0.2
Fine sand	120	0.125	3	0.4	0.7	0.5	0.6
Very fine sand	200	0.075	3.75	19.1	19.8	21.8	22.4
Very fine sand	230	0.0625	4	11.8	31.6	11.1	33.5
Coarse silt	Hydrometer	0.0312	5	29.3	60.9	27.8	61.3
Very fine silt	Hydrometer	0.0039	8	29.0	89.8	30.1	91.3
Clay	Hydrometer	<0.0039	--	10.2	100.0	8.7	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 22 - Testing Results for Sediment Core ID BA6DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA6DC01 201301		BA6DC01 201303		BA6DC01 201305		BA6DC01 201307		BA6DC01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.1	0.1	0.2	0.3	0.0	0.0	0.1	0.1	0.1	0.1
Medium sand	60	0.25	2	0.2	0.3	3.0	3.3	0.3	0.3	0.3	0.4	0.4	0.5
Fine sand	120	0.125	3	2.8	3.1	22.9	26.2	2.8	3.1	2.6	3.0	3.2	3.8
Very fine sand	200	0.075	3.75	36.9	39.9	22.7	48.9	34.9	38.0	39.0	42.0	41.8	45.5
Very fine sand	230	0.0625	4	6.5	46.4	4.9	53.8	8.3	46.3	8.0	50.0	7.3	52.8
Coarse silt	Hydrometer	0.0312	5	16.4	62.9	13.9	67.7	20.5	66.8	18.6	68.6	20.5	73.4
Very fine silt	Hydrometer	0.0039	8	13.3	76.1	13.8	81.5	14.1	80.8	12.8	81.4	15.7	89.1
Clay	Hydrometer	<0.0039	--	23.9	100.0	18.5	100.0	19.2	100.0	18.6	100.0	10.9	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 22 - Testing Results for Sediment Core ID BA6DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA6DC01 201313-15		BA6DC01 201317-19		BA6DC01 201321-23		BA6DC01 201325-27		BA6DC01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.2	0.2	0.1	0.1	0.0	0.0	0.1	0.1
Coarse sand	35	0.50	1	0.1	0.1	0.1	0.3	0.1	0.2	0.2	0.2	0.2	0.3
Medium sand	60	0.25	2	0.4	0.6	0.4	0.7	0.5	0.8	0.8	1.0	1.0	1.3
Fine sand	120	0.125	3	1.1	1.6	3.7	4.4	3.3	4.1	3.5	4.5	4.6	5.9
Very fine sand	200	0.075	3.75	50.7	52.3	42.9	47.4	46.8	50.9	45.4	50.0	39.7	45.6
Very fine sand	230	0.0625	4	5.4	57.7	7.3	54.6	5.9	56.8	6.4	56.3	6.8	52.4
Coarse silt	Hydrometer	0.0312	5	17.2	75.0	19.3	74.0	15.1	71.9	16.3	72.7	17.6	70.0
Very fine silt	Hydrometer	0.0039	8	15.1	90.1	16.2	90.2	16.0	87.9	17.6	90.2	19.7	89.8
Clay	Hydrometer	<0.0039	--	9.9	100.0	9.8	100.0	12.1	100.0	9.8	100.0	10.2	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 22 - Testing Results for Sediment Core ID BA6DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA6DC01 201333-35		BA6DC01 201337-39		BA6DC01 201341-43		BA6DC01 201345-47		BA6DC01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.4	0.4	0.0	0.0	0.7	0.7	0.7	0.7	0.0	0.0
Very coarse sand	18	1.00	0	0.4	0.8	0.5	0.5	0.2	0.9	0.3	1.0	0.3	0.3
Coarse sand	35	0.50	1	0.4	1.1	0.3	0.8	0.4	1.3	0.4	1.3	0.3	0.6
Medium sand	60	0.25	2	1.0	2.1	1.6	2.4	1.4	2.6	0.8	2.1	0.6	1.2
Fine sand	120	0.125	3	3.8	5.9	5.7	8.1	4.1	6.8	3.8	5.9	3.0	4.2
Very fine sand	200	0.075	3.75	41.1	47.0	37.3	45.4	42.1	48.9	45.2	51.1	49.9	54.1
Very fine sand	230	0.0625	4	5.7	52.7	7.1	52.5	7.0	55.9	5.5	56.7	5.9	60.0
Coarse silt	Hydrometer	0.0312	5	15.8	68.5	18.6	71.2	17.7	73.6	14.2	70.8	14.5	74.5
Very fine silt	Hydrometer	0.0039	8	21.4	89.9	19.1	90.3	17.0	90.6	20.2	91.0	16.5	90.9
Clay	Hydrometer	<0.0039	--	10.1	100.0	9.7	100.0	9.4	100.0	9.0	100.0	9.1	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 22 - Testing Results for Sediment Core ID BA6DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA6DC01 201353	
Depth Interval				52-56 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0
Gravel	10	2.00	-1	0.5	0.5
Very coarse sand	18	1.00	0	0.2	0.7
Coarse sand	35	0.50	1	0.2	0.9
Medium sand	60	0.25	2	0.6	1.5
Fine sand	120	0.125	3	3.5	5.0
Very fine sand	200	0.075	3.75	46.0	51.0
Very fine sand	230	0.0625	4	7.0	58.0
Coarse silt	Hydrometer	0.0312	5	16.8	74.8
Very fine silt	Hydrometer	0.0039	8	16.1	90.9
Clay	Hydrometer	<0.0039	--	9.1	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 23 - Testing Results for Sediment Core ID BA7B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA7B01 201301		BA7B01 201303		BA7B01 201305		BA7B01 201307		BA7B01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Very coarse sand	18	1.00	0	0.6	0.6	0.3	0.3	0.1	0.1	0.2	0.2	0.2	0.2
Coarse sand	35	0.50	1	1.0	1.6	0.5	0.8	0.5	0.6	0.9	1.1	0.9	1.2
Medium sand	60	0.25	2	3.9	5.5	5.2	6.0	4.5	5.1	4.4	5.5	1.7	2.8
Fine sand	120	0.125	3	11.1	16.6	11.9	17.9	6.0	11.1	4.7	10.2	1.4	4.2
Very fine sand	200	0.075	3.75	14.0	30.7	11.0	28.9	9.2	20.3	10.1	20.3	11.0	15.2
Very fine sand	230	0.0625	4	3.1	33.7	3.0	31.8	8.6	29.0	7.1	27.3	9.1	24.2
Coarse silt	Hydrometer	0.0312	5	7.0	40.8	11.6	43.4	21.5	50.5	19.5	46.9	22.7	47.0
Very fine silt	Hydrometer	0.0039	8	20.1	60.9	24.0	67.4	27.7	78.2	33.1	80.0	43.4	90.4
Clay	Hydrometer	<0.0039	--	39.1	100.0	32.6	100.0	21.8	100.0	20.0	100.0	9.6	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 23 - Testing Results for Sediment Core ID BA7B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA7B01 201313-15		BA7B01 201317-19		BA7B01 201321-23		BA7B01 201325-27		BA7B01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.3	0.3	0.9	0.9	0.1	0.1	0.6	0.6
Very coarse sand	18	1.00	0	0.2	0.2	0.3	0.6	0.7	1.5	0.4	0.5	0.2	0.9
Coarse sand	35	0.50	1	0.7	0.9	1.0	1.6	1.1	2.6	0.5	1.0	0.3	1.1
Medium sand	60	0.25	2	1.1	2.0	1.4	3.0	1.3	3.9	0.6	1.7	0.3	1.5
Fine sand	120	0.125	3	0.9	2.9	1.1	4.1	0.6	4.5	0.4	2.1	0.4	1.9
Very fine sand	200	0.075	3.75	8.6	11.5	13.0	17.1	7.3	11.9	4.6	6.6	3.1	5.0
Very fine sand	230	0.0625	4	10.1	21.6	9.3	26.4	8.9	20.8	7.5	14.1	8.1	13.2
Coarse silt	Hydrometer	0.0312	5	25.2	46.8	23.3	49.7	22.4	43.2	18.8	32.9	20.3	33.5
Very fine silt	Hydrometer	0.0039	8	44.1	90.9	40.3	90.0	48.4	91.6	58.9	91.8	58.5	92.0
Clay	Hydrometer	<0.0039	--	9.1	100.0	10.0	100.0	8.4	100.0	8.2	100.0	8.0	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 23 - Testing Results for Sediment Core ID BA7B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA7B01 201333-35		BA7B01 201337-39		BA7B01 201341-43		BA7B01 201345-47		BA7B01 201349	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-49 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Coarse sand	35	0.50	1	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
Medium sand	60	0.25	2	0.2	0.5	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.3
Fine sand	120	0.125	3	0.3	0.8	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.5
Very fine sand	200	0.075	3.75	2.4	3.2	1.4	1.8	1.7	1.9	1.3	1.5	2.7	3.2
Very fine sand	230	0.0625	4	7.8	11.1	3.3	5.1	5.6	7.5	7.5	9.0	3.2	6.3
Coarse silt	Hydrometer	0.0312	5	19.6	30.6	8.2	13.3	14.0	21.5	18.9	27.9	8.0	14.3
Very fine silt	Hydrometer	0.0039	8	61.5	92.1	75.3	88.6	68.9	90.4	62.6	90.5	70.4	84.7
Clay	Hydrometer	<0.0039	--	7.9	100.0	11.4	100.0	9.6	100.0	9.5	100.0	15.3	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 24 - Testing Results for Sediment Core ID BA7BC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA7BC01 201301		BA7BC01 201303		BA7BC01 201305		BA7BC01 201307		BA7BC01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	22.3	22.3	39.7	39.7	46.1	46.1	24.9	24.9
Very coarse sand	18	1.00	0	17.6	17.6	2.8	25.1	3.6	43.2	6.2	52.3	6.8	31.7
Coarse sand	35	0.50	1	4.8	22.4	4.8	30.0	4.8	48.0	6.5	58.9	11.5	43.2
Medium sand	60	0.25	2	8.3	30.7	7.9	37.9	4.1	52.1	6.7	65.5	13.4	56.6
Fine sand	120	0.125	3	10.2	40.9	6.1	44.0	5.3	57.4	4.5	70.0	3.3	59.8
Very fine sand	200	0.075	3.75	10.8	51.7	8.6	52.6	4.9	62.3	3.8	73.9	7.9	67.7
Very fine sand	230	0.0625	4	6.0	57.7	4.7	57.3	4.1	66.4	0.6	74.4	3.3	71.0
Coarse silt	Hydrometer	0.0312	5	14.1	71.9	10.6	67.8	9.6	76.0	2.5	77.0	8.7	79.6
Very fine silt	Hydrometer	0.0039	8	9.4	81.2	10.6	78.4	8.9	84.9	9.4	86.4	12.8	92.4
Clay	Hydrometer	<0.0039	--	18.8	100.0	21.6	100.0	15.1	100.0	13.6	100.0	7.6	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 24 - Testing Results for Sediment Core ID BA7BC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA7BC01 201313-15		BA7BC01 201317-19		BA7BC01 201321-23	
Depth Interval				12-16 cm		16-20 cm		20-24 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	10.5	10.5	11.2	11.2	7.6	7.6
Very coarse sand	18	1.00	0	6.6	17.2	4.8	16.0	3.6	11.2
Coarse sand	35	0.50	1	10.3	27.4	11.7	27.7	8.2	19.4
Medium sand	60	0.25	2	9.0	36.4	13.0	40.7	8.6	28.0
Fine sand	120	0.125	3	3.7	40.1	4.4	45.0	3.9	31.9
Very fine sand	200	0.075	3.75	9.4	49.6	12.3	57.3	8.2	40.1
Very fine sand	230	0.0625	4	6.1	55.7	3.8	61.1	11.6	51.6
Coarse silt	Hydrometer	0.0312	5	15.2	70.9	10.4	71.6	26.8	78.5
Very fine silt	Hydrometer	0.0039	8	20.1	91.0	19.4	91.0	14.4	92.8
Clay	Hydrometer	<0.0039	--	9.0	100.0	9.0	100.0	7.2	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 25 - Testing Results for Sediment Core ID BA7C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA7C01 201301		BA7C01 201303		BA7C01 201305		BA7C01 201307		BA7C01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.2	0.2	0.4	0.4	5.1	5.1	5.8	5.8
Very coarse sand	18	1.00	0	0.1	0.1	0.2	0.5	0.1	0.5	0.6	5.6	1.5	7.3
Coarse sand	35	0.50	1	0.5	0.6	0.6	1.1	0.7	1.2	1.7	7.4	3.1	10.3
Medium sand	60	0.25	2	7.0	7.5	10.8	11.9	12.7	13.9	18.7	26.0	23.0	33.3
Fine sand	120	0.125	3	17.2	24.7	24.8	36.7	25.5	39.5	28.7	54.8	27.0	60.3
Very fine sand	200	0.075	3.75	8.0	32.8	12.5	49.2	10.8	50.2	10.0	64.8	6.0	66.3
Very fine sand	230	0.0625	4	11.1	43.9	5.2	54.3	2.3	52.6	1.2	66.0	2.9	69.3
Coarse silt	Hydrometer	0.0312	5	21.2	65.1	13.8	68.1	9.2	61.8	4.8	70.9	7.2	76.5
Very fine silt	Hydrometer	0.0039	8	10.5	75.7	12.7	80.8	17.0	78.8	11.5	82.4	16.7	93.2
Clay	Hydrometer	<0.0039	--	24.3	100.0	19.2	100.0	21.2	100.0	17.6	100.0	6.8	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 25 - Testing Results for Sediment Core ID BA7C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA7C01 201313-15		BA7C01 201317-19		BA7C01 201321-23		BA7C01 201325-27		BA7C01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
USCS Classification ASTM D 2487	Sieve number	Particle Size (mm)	Phi interval	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	3.9	3.9	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	1.2	5.1	0.3	0.7	0.0	0.0	0.6	0.6	0.0	0.0
Coarse sand	35	0.50	1	2.4	7.5	0.8	1.5	0.2	0.2	3.3	3.8	0.2	0.2
Medium sand	60	0.25	2	26.1	33.6	9.7	11.2	2.5	2.7	16.0	19.8	2.2	2.3
Fine sand	120	0.125	3	37.8	71.4	16.4	27.6	7.3	10.0	9.7	29.5	18.0	20.3
Very fine sand	200	0.075	3.75	8.7	80.1	13.3	40.9	12.8	22.7	10.1	39.7	12.8	33.2
Very fine sand	230	0.0625	4	1.1	81.2	4.6	45.6	8.4	31.2	2.0	41.6	5.8	39.0
Coarse silt	Hydrometer	0.0312	5	3.3	84.5	14.3	59.9	25.1	56.2	14.4	56.0	24.1	63.1
Very fine silt	Hydrometer	0.0039	8	8.6	93.1	28.5	88.4	32.3	88.6	26.7	82.7	21.1	84.1
Clay	Hydrometer	<0.0039	--	6.9	100.0	11.6	100.0	11.4	100.0	17.3	100.0	15.9	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 25 - Testing Results for Sediment Core ID BA7C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA7C01 201333-35		BA7C01 201337-39		BA7C01 201341-43		BA7C01 201345-47		BA7C01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.3	0.3	0.0	0.0	0.1	0.1	0.0	0.0
Coarse sand	35	0.50	1	0.2	0.2	0.4	0.6	0.8	0.8	0.3	0.4	0.1	0.1
Medium sand	60	0.25	2	1.3	1.5	3.3	3.9	0.7	1.5	1.0	1.4	0.3	0.4
Fine sand	120	0.125	3	26.1	27.6	18.5	22.4	9.8	11.2	11.3	12.7	2.3	2.7
Very fine sand	200	0.075	3.75	13.8	41.4	18.5	40.9	43.4	54.6	10.0	22.7	12.3	15.0
Very fine sand	230	0.0625	4	2.2	43.6	1.4	42.4	2.7	57.3	6.6	29.3	10.1	25.1
Coarse silt	Hydrometer	0.0312	5	15.7	59.3	15.2	57.5	11.2	68.5	24.7	54.1	29.0	54.1
Very fine silt	Hydrometer	0.0039	8	19.8	79.1	20.3	77.9	16.4	84.9	29.4	83.5	29.1	83.2
Clay	Hydrometer	<0.0039	--	20.9	100.0	22.1	100.0	15.1	100.0	16.5	100.0	16.8	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 25 - Testing Results for Sediment Core ID BA7C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA7C01 201353-55		BA7C01 201357-59		BA7C01 201361-63		BA7C01 201365-67	
Depth Interval				52-56 cm		56-60 cm		60-64 cm		64-68 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.2
Medium sand	60	0.25	2	0.1	0.2	0.1	0.2	0.1	0.2	0.4	0.6
Fine sand	120	0.125	3	0.7	0.9	0.4	0.6	0.7	0.8	5.3	5.9
Very fine sand	200	0.075	3.75	14.5	15.4	19.9	20.5	15.9	16.7	14.4	20.3
Very fine sand	230	0.0625	4	14.6	30.0	10.7	31.2	10.6	27.3	10.3	30.5
Coarse silt	Hydrometer	0.0312	5	35.8	65.8	27.3	58.4	26.7	54.0	25.7	56.2
Very fine silt	Hydrometer	0.0039	8	24.5	90.3	31.4	89.8	36.3	90.4	35.4	91.6
Clay	Hydrometer	<0.0039	--	9.7	100.0	10.2	100.0	9.6	100.0	8.4	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 26 - Testing Results for Sediment Core ID BA7DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA7DC01 201301		BA7DC01 201303		BA7DC01 201305		BA7DC01 201307		BA7DC01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.2
Coarse sand	35	0.50	1	0.2	0.2	0.3	0.3	0.2	0.3	0.1	0.1	0.8	1.1
Medium sand	60	0.25	2	5.3	5.5	8.1	8.4	6.7	7.0	0.3	0.4	10.6	11.7
Fine sand	120	0.125	3	23.2	28.7	25.7	34.2	23.0	30.0	7.2	7.6	32.8	44.4
Very fine sand	200	0.075	3.75	27.7	56.3	28.5	62.7	24.0	54.0	50.8	58.4	21.2	65.6
Very fine sand	230	0.0625	4	1.6	58.0	2.1	64.8	5.6	59.5	3.5	61.9	3.6	69.2
Coarse silt	Hydrometer	0.0312	5	6.2	64.2	5.4	70.3	13.3	72.8	9.2	71.1	9.6	78.8
Very fine silt	Hydrometer	0.0039	8	15.9	80.1	10.9	81.2	12.9	85.7	12.9	84.1	13.4	92.1
Clay	Hydrometer	<0.0039	--	19.9	100.0	18.8	100.0	14.3	100.0	16.0	100.0	7.9	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 26 - Testing Results for Sediment Core ID BA7DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA7DC01 201313-15		BA7DC01 201317-19		BA7DC01 201321-23		BA7DC01 201325-27		BA7DC01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.9	0.9	3.6	3.6	7.0	7.0	3.5	3.5	4.6	4.6
Very coarse sand	18	1.00	0	0.3	1.2	1.1	4.6	1.3	8.3	1.0	4.4	1.6	6.1
Coarse sand	35	0.50	1	0.8	2.0	1.1	5.7	1.5	9.8	1.3	5.7	3.1	9.2
Medium sand	60	0.25	2	14.1	16.0	15.7	21.4	14.1	23.9	14.2	19.9	26.4	35.6
Fine sand	120	0.125	3	39.7	55.7	44.6	66.0	26.8	50.6	35.7	55.6	33.0	68.6
Very fine sand	200	0.075	3.75	19.6	75.3	15.6	81.7	11.5	62.2	15.9	71.5	14.9	83.6
Very fine sand	230	0.0625	4	1.7	77.0	0.2	81.9	1.7	63.8	2.4	73.9	0.8	84.4
Coarse silt	Hydrometer	0.0312	5	4.6	81.6	1.1	83.0	4.2	68.1	5.9	79.8	2.3	86.7
Very fine silt	Hydrometer	0.0039	8	10.6	92.2	10.1	93.2	24.5	92.5	12.9	92.7	5.9	92.7
Clay	Hydrometer	<0.0039	--	7.8	100.0	6.8	100.0	7.5	100.0	7.3	100.0	7.3	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 26 - Testing Results for Sediment Core ID BA7DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA7DC01 201333-35		BA7DC01 201337-39		BA7DC01 201341-43		BA7DC01 201345-47		BA7DC01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	1.2	1.2	0.4	0.4	0.3	0.3	0.5	0.5	1.4	1.4
Very coarse sand	18	1.00	0	0.6	1.8	0.2	0.6	0.6	0.8	0.5	1.0	0.1	1.6
Coarse sand	35	0.50	1	0.7	2.5	0.7	1.3	1.0	1.8	0.8	1.7	1.6	3.2
Medium sand	60	0.25	2	7.8	10.3	4.6	5.9	4.3	6.0	2.6	4.3	3.8	7.1
Fine sand	120	0.125	3	18.9	29.2	17.1	23.0	11.7	17.7	12.3	16.6	12.5	19.6
Very fine sand	200	0.075	3.75	33.6	62.8	33.7	56.7	37.1	54.8	37.1	53.7	39.3	58.9
Very fine sand	230	0.0625	4	4.5	67.3	4.9	61.6	5.0	59.8	5.6	59.3	4.5	63.4
Coarse silt	Hydrometer	0.0312	5	11.2	78.5	13.2	74.7	13.0	72.8	15.2	74.5	12.9	76.3
Very fine silt	Hydrometer	0.0039	8	12.8	91.3	17.1	91.8	16.7	89.5	15.3	89.8	15.1	91.4
Clay	Hydrometer	<0.0039	--	8.7	100.0	8.2	100.0	10.5	100.0	10.2	100.0	8.6	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 26 - Testing Results for Sediment Core ID BA7DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA7DC01 201353-55		BA7DC01 201357-59	
Depth Interval				52-56 cm		56-60 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.9	0.9	0.4	0.4
Very coarse sand	18	1.00	0	1.4	2.3	0.8	1.2
Coarse sand	35	0.50	1	1.6	3.9	0.8	2.0
Medium sand	60	0.25	2	3.1	7.0	2.1	4.1
Fine sand	120	0.125	3	13.2	20.2	10.0	14.1
Very fine sand	200	0.075	3.75	36.7	56.9	35.3	49.4
Very fine sand	230	0.0625	4	3.9	60.8	5.5	54.9
Coarse silt	Hydrometer	0.0312	5	10.9	71.8	14.6	69.5
Very fine silt	Hydrometer	0.0039	8	16.6	88.3	20.9	90.5
Clay	Hydrometer	<0.0039	--	11.7	100.0	9.5	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 27 - Testing Results for Sediment Core ID BA8B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA8B01 201301		BA8B01 201303		BA8B01 201305		BA8B01 201307		BA8B01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.1	0.1	0.6	0.6	0.1	0.1	0.0	0.0
Very coarse sand	18	1.00	0	2.5	2.5	4.9	5.0	5.4	6.0	5.4	5.5	1.0	1.0
Coarse sand	35	0.50	1	2.0	4.6	3.1	8.1	6.1	12.1	4.9	10.4	2.2	3.3
Medium sand	60	0.25	2	7.5	12.0	9.3	17.4	13.3	25.4	11.8	22.2	7.0	10.3
Fine sand	120	0.125	3	12.5	24.5	10.5	27.8	8.4	33.8	6.4	28.6	7.1	17.4
Very fine sand	200	0.075	3.75	17.7	42.2	12.6	40.4	7.8	41.6	6.5	35.1	9.2	26.5
Very fine sand	230	0.0625	4	4.5	46.7	2.1	42.5	2.0	43.6	4.5	39.6	9.6	36.2
Coarse silt	Hydrometer	0.0312	5	11.9	58.6	6.9	49.4	8.1	51.7	11.9	51.5	25.5	61.7
Very fine silt	Hydrometer	0.0039	8	16.2	74.8	22.6	72.0	22.7	74.3	22.6	74.0	25.9	87.6
Clay	Hydrometer	<0.0039	--	25.2	100.0	28.0	100.0	25.7	100.0	26.0	100.0	12.4	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 27 - Testing Results for Sediment Core ID BA8B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA8B01 201313-15		BA8B01 201317-19		BA8B01 201321-23		BA8B01 201325-27		BA8B01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Very coarse sand	18	1.00	0	0.2	0.2	0.1	0.1	0.3	0.3	0.4	0.5	0.6	0.6
Coarse sand	35	0.50	1	0.5	0.6	0.6	0.7	0.7	1.0	1.0	1.4	1.4	2.0
Medium sand	60	0.25	2	2.7	3.3	2.6	3.3	1.7	2.7	1.6	3.1	3.0	5.0
Fine sand	120	0.125	3	2.0	5.3	2.8	6.1	1.4	4.1	1.8	4.8	2.1	7.1
Very fine sand	200	0.075	3.75	11.9	17.2	19.2	25.3	13.2	17.3	16.1	20.9	27.3	34.4
Very fine sand	230	0.0625	4	11.2	28.4	5.3	30.5	11.1	28.3	9.0	29.9	8.2	42.6
Coarse silt	Hydrometer	0.0312	5	28.1	56.5	13.2	43.7	27.7	56.1	22.5	52.4	21.6	64.2
Very fine silt	Hydrometer	0.0039	8	32.8	89.3	44.6	88.3	32.8	88.9	37.1	89.6	24.5	88.7
Clay	Hydrometer	<0.0039	--	10.7	100.0	11.7	100.0	11.1	100.0	10.4	100.0	11.3	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 27 - Testing Results for Sediment Core ID BA8B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA8B01 201333-35		BA8B01 201337-39		BA8B01 201341-43		BA8B01 201345-47		BA8B01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	1.5	1.5	1.1	1.1	0.2	0.2	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.8	2.3	0.8	1.9	0.4	0.6	0.1	0.1	0.0	0.0
Coarse sand	35	0.50	1	1.4	3.7	0.7	2.6	0.3	0.9	0.1	0.2	0.0	0.0
Medium sand	60	0.25	2	0.9	4.7	0.6	3.2	0.3	1.2	0.1	0.3	0.0	0.1
Fine sand	120	0.125	3	0.7	5.3	0.8	4.0	0.3	1.5	0.4	0.7	0.1	0.2
Very fine sand	200	0.075	3.75	24.3	29.6	15.0	19.0	12.5	14.0	10.9	11.6	3.9	4.1
Very fine sand	230	0.0625	4	12.9	42.5	13.9	32.9	11.8	25.8	11.0	22.5	7.6	11.7
Coarse silt	Hydrometer	0.0312	5	31.4	73.9	34.3	67.2	29.6	55.4	27.4	50.0	19.0	30.6
Very fine silt	Hydrometer	0.0039	8	17.8	91.7	24.0	91.2	36.2	91.6	41.2	91.1	59.6	90.2
Clay	Hydrometer	<0.0039	--	8.3	100.0	8.8	100.0	8.4	100.0	8.9	100.0	9.8	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 27 - Testing Results for Sediment Core ID BA8B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA8B01 201353-55		BA8B01 201357-59	
Depth Interval				52-56 cm		56-60 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.0	0.0	0.0	0.0
Medium sand	60	0.25	2	0.1	0.1	0.0	0.0
Fine sand	120	0.125	3	0.2	0.3	0.3	0.3
Very fine sand	200	0.075	3.75	5.3	5.6	9.9	10.2
Very fine sand	230	0.0625	4	8.4	14.0	9.8	20.0
Coarse silt	Hydrometer	0.0312	5	21.0	35.0	24.6	44.7
Very fine silt	Hydrometer	0.0039	8	55.3	90.3	47.0	91.7
Clay	Hydrometer	<0.0039	--	9.7	100.0	8.3	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 28 - Testing Results for Sediment Core ID BA8BC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA8BC01 201301		BA8BC01 201303		BA8BC01 201305		BA8BC01 201307		BA8BC01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	5.7	5.7	31.9	31.9	8.0	8.0	27.0	27.0	19.8	19.8
Very coarse sand	18	1.00	0	4.8	10.5	3.8	35.7	3.7	11.7	3.7	30.7	5.0	24.8
Coarse sand	35	0.50	1	6.1	16.6	5.1	40.7	6.0	17.8	5.8	36.5	6.4	31.3
Medium sand	60	0.25	2	6.0	22.6	4.8	45.6	5.9	23.7	6.0	42.5	6.0	37.2
Fine sand	120	0.125	3	3.3	25.9	3.0	48.5	3.7	27.4	2.4	44.9	2.4	39.6
Very fine sand	200	0.075	3.75	14.5	40.4	10.7	59.3	11.0	38.4	9.2	54.2	10.5	50.1
Very fine sand	230	0.0625	4	4.8	45.1	0.7	60.0	4.0	42.4	3.3	57.5	5.7	55.8
Coarse silt	Hydrometer	0.0312	5	13.4	58.5	2.8	62.8	17.3	59.7	8.7	66.2	15.4	71.2
Very fine silt	Hydrometer	0.0039	8	16.6	75.1	12.2	74.9	18.7	78.4	15.9	82.1	19.5	90.7
Clay	Hydrometer	<0.0039	--	24.9	100.0	25.1	100.0	21.6	100.0	17.9	100.0	9.3	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 28 - Testing Results for Sediment Core ID BA8BC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA8BC01 201313-15		BA8BC01 201317-19		BA8BC01 201321-23		BA8BC01 201325-27		BA8BC01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	17.8	17.8	20.3	20.3	24.0	24.0	17.1	17.1	18.9	18.9
Very coarse sand	18	1.00	0	4.6	22.4	6.3	26.6	8.1	32.1	6.2	23.3	7.7	26.6
Coarse sand	35	0.50	1	5.1	27.5	8.9	35.6	12.8	44.9	15.2	38.5	14.2	40.8
Medium sand	60	0.25	2	4.8	32.3	6.6	42.2	10.3	55.2	13.8	52.3	11.9	52.7
Fine sand	120	0.125	3	1.8	34.1	3.0	45.2	3.3	58.5	4.3	56.6	3.9	56.6
Very fine sand	200	0.075	3.75	9.3	43.4	6.0	51.1	6.6	65.1	7.4	64.0	7.7	64.3
Very fine sand	230	0.0625	4	7.0	50.4	3.3	54.5	1.3	66.4	3.4	67.4	3.4	67.7
Coarse silt	Hydrometer	0.0312	5	17.7	68.2	8.4	62.9	3.8	70.2	9.0	76.3	8.6	76.3
Very fine silt	Hydrometer	0.0039	8	22.8	90.9	29.2	92.1	21.3	91.4	15.8	92.1	15.8	92.1
Clay	Hydrometer	<0.0039	--	9.1	100.0	7.9	100.0	8.6	100.0	7.9	100.0	7.9	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 28 - Testing Results for Sediment Core ID BA8BC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA8BC01 201333-35	
Depth Interval				32-36 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0
Gravel	10	2.00	-1	19.9	19.9
Very coarse sand	18	1.00	0	6.2	26.1
Coarse sand	35	0.50	1	11.6	37.7
Medium sand	60	0.25	2	12.1	49.8
Fine sand	120	0.125	3	4.4	54.2
Very fine sand	200	0.075	3.75	7.2	61.4
Very fine sand	230	0.0625	4	4.7	66.1
Coarse silt	Hydrometer	0.0312	5	11.6	77.7
Very fine silt	Hydrometer	0.0039	8	14.8	92.6
Clay	Hydrometer	<0.0039	--	7.4	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 29 - Testing Results for Sediment Core ID BA8C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA8C01 201301		BA8C01 201303		BA8C01 201305		BA8C01 201307		BA8C01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	1.8	1.8	0.6	0.6	0.9	0.9	1.1	1.1	1.6	1.6
Very coarse sand	18	1.00	0	3.3	5.1	2.9	3.5	3.1	4.1	4.4	5.6	6.1	7.7
Coarse sand	35	0.50	1	4.6	9.7	6.5	10.0	6.8	10.9	9.9	15.5	15.5	23.2
Medium sand	60	0.25	2	10.3	20.0	13.6	23.7	17.7	28.6	26.3	41.7	33.3	56.5
Fine sand	120	0.125	3	7.3	27.3	9.5	33.2	9.8	38.4	11.6	53.3	13.3	69.8
Very fine sand	200	0.075	3.75	11.6	38.9	10.4	43.6	10.8	49.2	7.4	60.8	6.5	76.2
Very fine sand	230	0.0625	4	3.1	42.0	5.5	49.1	2.0	51.2	0.5	61.3	0.3	76.5
Coarse silt	Hydrometer	0.0312	5	11.7	53.7	14.2	63.2	10.8	62.1	4.7	66.0	3.3	79.8
Very fine silt	Hydrometer	0.0039	8	10.2	63.9	14.7	78.0	14.8	76.8	12.1	78.0	6.3	86.1
Clay	Hydrometer	<0.0039	--	36.1	100.0	22.0	100.0	23.2	100.0	22.0	100.0	13.9	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 29 - Testing Results for Sediment Core ID BA8C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA8C01 201313-15		BA8C01 201317-19		BA8C01 201321-23		BA8C01 201325-27		BA8C01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	2.9	2.9	2.5	2.5	2.4	2.4	1.6	1.6	1.2	1.2
Very coarse sand	18	1.00	0	9.6	12.6	7.9	10.4	6.6	9.0	5.8	7.4	5.7	6.9
Coarse sand	35	0.50	1	16.6	29.2	14.9	25.3	10.0	19.0	11.4	18.8	9.6	16.5
Medium sand	60	0.25	2	21.9	51.1	22.1	47.5	11.9	30.8	16.3	35.2	13.3	29.7
Fine sand	120	0.125	3	9.2	60.3	11.3	58.7	15.0	45.8	15.0	50.2	9.9	39.6
Very fine sand	200	0.075	3.75	4.1	64.3	5.0	63.7	5.2	51.0	7.6	57.8	6.0	45.6
Very fine sand	230	0.0625	4	1.4	65.7	0.9	64.7	0.5	51.5	0.3	58.1	1.7	47.3
Coarse silt	Hydrometer	0.0312	5	10.4	76.1	4.8	69.4	9.0	60.6	4.6	62.7	14.8	62.1
Very fine silt	Hydrometer	0.0039	8	7.7	83.8	6.3	75.7	6.9	67.4	8.6	71.3	14.1	76.2
Clay	Hydrometer	<0.0039	--	16.2	100.0	24.3	100.0	32.6	100.0	28.7	100.0	23.8	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 29 - Testing Results for Sediment Core ID BA8C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA8C01 201333-35		BA8C01 201337-39		BA8C01 201341-43		BA8C01 201345-47		BA8C01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	3.0	3.0	3.7	3.7	3.6	3.6	5.3	5.3	5.2	5.2
Very coarse sand	18	1.00	0	6.4	9.5	14.2	17.9	9.7	13.3	11.3	16.6	11.3	16.5
Coarse sand	35	0.50	1	9.4	18.9	16.2	34.1	14.2	27.5	18.7	35.3	15.1	31.6
Medium sand	60	0.25	2	11.4	30.3	16.8	50.8	20.1	47.6	28.1	63.4	21.2	52.8
Fine sand	120	0.125	3	10.3	40.6	8.0	58.8	11.1	58.8	5.8	69.2	8.0	60.8
Very fine sand	200	0.075	3.75	6.4	47.0	2.6	61.5	3.4	62.2	2.7	71.9	4.1	64.9
Very fine sand	230	0.0625	4	1.1	48.0	3.3	64.8	4.8	67.0	2.1	74.0	2.7	67.6
Coarse silt	Hydrometer	0.0312	5	9.1	57.1	11.9	76.6	10.4	77.4	5.5	79.5	9.4	77.1
Very fine silt	Hydrometer	0.0039	8	13.6	70.7	6.4	83.1	4.9	82.3	4.4	84.0	5.5	82.6
Clay	Hydrometer	<0.0039	--	29.3	100.0	16.9	100.0	17.7	100.0	16.0	100.0	17.4	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 29 - Testing Results for Sediment Core ID BA8C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA8C01 201353-55		BA8C01 201357-59		BA8C01 201361-63		BA8C01 201365-67		BA8C01 201369-71	
Depth Interval				52-56 cm		56-60 cm		60-64 cm		64-68 cm		68-72 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	2.8	2.8	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	9.0	11.8	5.1	7.2	0.1	0.1	0.1	0.1	0.0	0.0
Coarse sand	35	0.50	1	9.7	21.5	4.8	11.9	0.2	0.3	0.1	0.2	0.1	0.1
Medium sand	60	0.25	2	18.2	39.7	6.2	18.1	0.3	0.7	0.2	0.3	0.1	0.2
Fine sand	120	0.125	3	13.2	52.9	7.2	25.3	0.8	1.4	0.5	0.8	0.5	0.7
Very fine sand	200	0.075	3.75	4.2	57.2	11.7	37.0	12.1	13.6	18.2	19.0	14.9	15.6
Very fine sand	230	0.0625	4	1.2	58.4	3.7	40.7	13.0	26.6	10.7	29.7	12.0	27.6
Coarse silt	Hydrometer	0.0312	5	11.0	69.4	20.3	61.0	32.8	59.4	26.7	56.4	29.9	57.5
Very fine silt	Hydrometer	0.0039	8	11.8	81.1	20.1	81.1	28.3	87.7	34.9	91.3	33.5	91.0
Clay	Hydrometer	<0.0039	--	18.9	100.0	18.9	100.0	12.3	100.0	8.7	100.0	9.0	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 29 - Testing Results for Sediment Core ID BA8C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA8C01 201373-75		BA8C01 201377-79	
Depth Interval				72-76 cm		76-80 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.1	0.1
Coarse sand	35	0.50	1	0.0	0.0	0.0	0.1
Medium sand	60	0.25	2	0.1	0.1	0.1	0.2
Fine sand	120	0.125	3	0.3	0.4	0.5	0.7
Very fine sand	200	0.075	3.75	19.2	19.6	14.4	15.1
Very fine sand	230	0.0625	4	10.0	29.6	11.3	26.4
Coarse silt	Hydrometer	0.0312	5	25.0	54.6	28.3	54.8
Very fine silt	Hydrometer	0.0039	8	36.1	90.7	36.5	91.3
Clay	Hydrometer	<0.0039	--	9.3	100.0	8.7	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 30 - Testing Results for Sediment Core ID BA8DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA8DC01 201301		BA8DC01 201303		BA8DC01 201305		BA8DC01 201307		BA8DC01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medium sand	60	0.25	2	0.1	0.2	0.1	0.1	0.1	0.2	1.6	1.6	0.1	0.2
Fine sand	120	0.125	3	1.3	1.5	1.4	1.5	1.2	1.4	0.0	1.7	1.2	1.4
Very fine sand	200	0.075	3.75	38.4	39.9	35.8	37.3	36.6	38.0	32.4	34.1	43.4	44.8
Very fine sand	230	0.0625	4	5.3	45.2	6.3	43.6	7.3	45.3	9.2	43.3	7.4	52.2
Coarse silt	Hydrometer	0.0312	5	13.1	58.3	16.2	59.8	17.8	63.1	20.5	63.8	19.1	71.3
Very fine silt	Hydrometer	0.0039	8	13.5	71.8	15.6	75.4	14.7	77.7	12.3	76.1	16.4	87.8
Clay	Hydrometer	<0.0039	--	28.2	100.0	24.6	100.0	22.3	100.0	23.9	100.0	12.2	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 30 - Testing Results for Sediment Core ID BA8DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA8DC01 201313-15		BA8DC01 201317-19		BA8DC01 201321-23		BA8DC01 201325-27		BA8DC01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.1	0.2	0.0	0.0	0.1	0.1	0.1	0.1
Coarse sand	35	0.50	1	0.0	0.1	0.1	0.3	0.1	0.1	0.2	0.3	0.1	0.2
Medium sand	60	0.25	2	0.4	0.5	0.3	0.6	0.3	0.4	0.5	0.8	0.9	1.1
Fine sand	120	0.125	3	2.0	2.4	1.7	2.3	2.7	3.1	2.1	2.9	2.2	3.4
Very fine sand	200	0.075	3.75	40.2	42.6	43.5	45.9	41.0	44.1	45.1	48.0	43.4	46.7
Very fine sand	230	0.0625	4	8.9	51.5	7.5	53.4	9.0	53.1	7.1	55.1	8.3	55.0
Coarse silt	Hydrometer	0.0312	5	21.8	73.3	18.8	72.2	21.9	75.0	18.4	73.5	19.5	74.6
Very fine silt	Hydrometer	0.0039	8	15.0	88.3	15.9	88.1	15.7	90.7	15.5	88.9	13.9	88.4
Clay	Hydrometer	<0.0039	--	11.7	100.0	11.9	100.0	9.3	100.0	11.1	100.0	11.6	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 30 - Testing Results for Sediment Core ID BA8DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA8DC01 201333-35		BA8DC01 201337-39		BA8DC01 201341-43		BA8DC01 201345-47		BA8DC01 201349-51	
Depth Interval				32-36 cm		36-40 cm		40-44 cm		44-48 cm		48-52 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	1.0	1.0	0.3	0.3	0.2	0.2
Very coarse sand	18	1.00	0	0.2	0.2	0.2	0.2	0.2	1.2	0.2	0.5	0.4	0.5
Coarse sand	35	0.50	1	0.2	0.4	0.3	0.4	0.3	1.5	0.2	0.7	0.2	0.7
Medium sand	60	0.25	2	1.1	1.5	1.3	1.7	1.0	2.5	0.4	1.1	0.3	1.0
Fine sand	120	0.125	3	2.9	4.4	3.9	5.7	2.7	5.2	1.8	3.0	2.0	3.0
Very fine sand	200	0.075	3.75	38.5	42.9	44.3	50.0	36.9	42.0	40.6	43.6	39.0	42.0
Very fine sand	230	0.0625	4	8.5	51.4	6.6	56.6	8.8	50.8	8.3	51.8	8.8	50.8
Coarse silt	Hydrometer	0.0312	5	20.4	71.8	16.3	72.9	21.0	71.9	19.9	71.8	20.8	71.6
Very fine silt	Hydrometer	0.0039	8	16.1	87.9	14.9	87.8	18.2	90.1	19.5	91.3	18.7	90.3
Clay	Hydrometer	<0.0039	--	12.1	100.0	12.2	100.0	9.9	100.0	8.7	100.0	9.7	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 30 - Testing Results for Sediment Core ID BA8DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA8DC01 201353-55		BA8DC01 201357-59	
Depth Interval				52-56 cm		56-60 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.7	0.7	1.1	1.1
Very coarse sand	18	1.00	0	0.2	0.9	0.4	1.5
Coarse sand	35	0.50	1	0.2	1.0	0.2	1.7
Medium sand	60	0.25	2	0.3	1.3	0.2	2.0
Fine sand	120	0.125	3	1.5	2.8	1.5	3.5
Very fine sand	200	0.075	3.75	41.7	44.5	37.0	40.5
Very fine sand	230	0.0625	4	9.1	53.6	9.9	50.4
Coarse silt	Hydrometer	0.0312	5	21.2	74.8	24.0	74.5
Very fine silt	Hydrometer	0.0039	8	16.2	90.9	18.0	92.5
Clay	Hydrometer	<0.0039	--	9.1	100.0	7.5	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 31 - Testing Results for Sediment Core ID BA9B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA9B01 201301		BA9B01 201303		BA9B01 201305		BA9B01 201307		BA9B01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2
Coarse sand	35	0.50	1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.3
Medium sand	60	0.25	2	0.3	0.5	0.4	0.4	0.9	0.9	1.9	2.1	1.4	1.7
Fine sand	120	0.125	3	1.7	2.2	3.1	3.6	3.5	4.4	5.3	7.4	5.5	7.2
Very fine sand	200	0.075	3.75	23.2	25.4	16.3	19.9	18.9	23.3	14.6	22.0	20.9	28.1
Very fine sand	230	0.0625	4	10.7	36.1	11.2	31.1	9.5	32.9	9.5	31.5	9.4	37.5
Coarse silt	Hydrometer	0.0312	5	25.5	61.6	25.8	56.9	23.7	56.5	24.4	55.8	24.4	62.0
Very fine silt	Hydrometer	0.0039	8	15.6	77.2	19.9	76.8	21.3	77.8	21.4	77.2	24.0	86.0
Clay	Hydrometer	<0.0039	--	22.8	100.0	23.2	100.0	22.2	100.0	22.8	100.0	14.0	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 31 - Testing Results for Sediment Core ID BA9B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA9B01 201313-15		BA9B01 201317-19		BA9B01 201321-23		BA9B01 201325-27		BA9B01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Coarse sand	35	0.50	1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1
Medium sand	60	0.25	2	0.7	0.8	0.6	0.6	0.1	0.2	0.2	0.3	0.1	0.2
Fine sand	120	0.125	3	1.9	2.7	0.9	1.5	0.5	0.7	0.6	0.9	0.5	0.7
Very fine sand	200	0.075	3.75	20.9	23.6	21.5	22.9	22.5	23.1	16.6	17.5	14.9	15.6
Very fine sand	230	0.0625	4	10.5	34.1	8.8	31.7	8.4	31.5	11.1	28.6	14.0	29.6
Coarse silt	Hydrometer	0.0312	5	25.8	59.9	22.5	54.2	21.1	52.6	27.8	56.4	34.4	64.0
Very fine silt	Hydrometer	0.0039	8	28.5	88.4	35.6	89.8	37.6	90.2	32.9	89.3	26.7	90.8
Clay	Hydrometer	<0.0039	--	11.6	100.0	10.2	100.0	9.8	100.0	10.7	100.0	9.2	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 31 - Testing Results for Sediment Core ID BA9B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA9B01 201333-35		BA9B01 201337-39		BA9B01 201341-43	
Depth Interval				32-36 cm		36-40 cm		40-44 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.1	0.1
Coarse sand	35	0.50	1	0.1	0.1	0.1	0.1	0.1	0.2
Medium sand	60	0.25	2	0.1	0.1	0.1	0.3	0.1	0.3
Fine sand	120	0.125	3	0.5	0.6	0.6	0.9	0.5	0.8
Very fine sand	200	0.075	3.75	31.1	31.7	28.8	29.7	28.1	28.9
Very fine sand	230	0.0625	4	9.1	40.8	13.0	42.7	12.6	41.5
Coarse silt	Hydrometer	0.0312	5	22.4	63.2	31.2	73.9	30.4	71.9
Very fine silt	Hydrometer	0.0039	8	27.0	90.3	17.5	91.4	20.0	91.9
Clay	Hydrometer	<0.0039	--	9.7	100.0	8.6	100.0	8.1	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 32 - Testing Results for Sediment Core ID BA9BC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA9BC01 201301		BA9BC01 201303		BA9BC01 201305		BA9BC01 201307		BA9BC01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	1.2	1.2	0.5	0.5	3.5	3.5	1.8	1.8
Very coarse sand	18	1.00	0	0.8	0.8	0.9	2.1	1.7	2.2	3.0	6.5	1.7	3.5
Coarse sand	35	0.50	1	1.1	1.9	1.4	3.5	2.0	4.2	4.1	10.5	3.7	7.2
Medium sand	60	0.25	2	1.8	3.8	2.3	5.8	2.7	6.9	5.4	16.0	7.7	14.9
Fine sand	120	0.125	3	2.0	5.7	2.0	7.8	2.8	9.7	3.9	19.9	7.6	22.4
Very fine sand	200	0.075	3.75	16.9	22.6	19.3	27.1	16.0	25.6	12.4	32.3	14.5	36.9
Very fine sand	230	0.0625	4	9.3	31.9	6.4	33.5	6.6	32.3	7.0	39.3	6.2	43.1
Coarse silt	Hydrometer	0.0312	5	22.5	54.4	18.4	51.9	18.3	50.6	16.7	56.0	18.6	61.7
Very fine silt	Hydrometer	0.0039	8	20.1	74.5	25.3	77.1	26.9	77.5	22.0	77.9	24.2	85.9
Clay	Hydrometer	<0.0039	--	25.5	100.0	22.9	100.0	22.5	100.0	22.1	100.0	14.1	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 32 - Testing Results for Sediment Core ID BA9BC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA9BC01 201313-15		BA9BC01 201317-19		BA9BC01 201321-23		BA9BC01 201325-27		BA9BC01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.6	0.6	1.6	1.6	2.9	2.9	9.8	9.8	24.5	24.5
Very coarse sand	18	1.00	0	1.0	1.7	1.5	3.1	2.5	5.4	3.0	12.8	4.3	28.8
Coarse sand	35	0.50	1	2.3	4.0	2.4	5.5	3.8	9.2	4.3	17.0	4.2	33.0
Medium sand	60	0.25	2	1.6	5.6	5.6	11.1	4.8	14.0	4.2	21.2	4.5	37.5
Fine sand	120	0.125	3	6.3	11.9	5.6	16.7	2.5	16.5	1.5	22.7	1.2	38.7
Very fine sand	200	0.075	3.75	22.5	34.4	17.3	34.0	23.0	39.5	15.5	38.2	14.3	53.0
Very fine sand	230	0.0625	4	7.8	42.2	7.8	41.7	7.8	47.3	7.4	45.6	4.5	57.5
Coarse silt	Hydrometer	0.0312	5	22.8	64.9	23.0	64.7	20.1	67.4	18.5	64.0	11.6	69.1
Very fine silt	Hydrometer	0.0039	8	22.9	87.9	23.5	88.2	23.9	91.3	28.0	92.0	23.0	92.1
Clay	Hydrometer	<0.0039	--	12.1	100.0	11.8	100.0	8.7	100.0	8.0	100.0	7.9	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 32 - Testing Results for Sediment Core ID BA9BC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA9BC01 201333	
Depth Interval				32-33 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0
Gravel	10	2.00	-1	47.5	47.5
Very coarse sand	18	1.00	0	4.5	52.1
Coarse sand	35	0.50	1	6.1	58.2
Medium sand	60	0.25	2	5.9	64.1
Fine sand	120	0.125	3	1.4	65.4
Very fine sand	200	0.075	3.75	8.6	74.0
Very fine sand	230	0.0625	4	0.4	74.4
Coarse silt	Hydrometer	0.0312	5	2.0	76.4
Very fine silt	Hydrometer	0.0039	8	12.4	88.8
Clay	Hydrometer	<0.0039	--	11.2	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 33 - Testing Results for Sediment Core ID BA9C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA9C01 201301		BA9C01 201303		BA9C01 201305		BA9C01 201307		BA9C01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.1	0.1	0.6	0.6	0.1	0.1
Coarse sand	35	0.50	1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.9	0.1	0.1
Medium sand	60	0.25	2	0.2	0.3	0.2	0.3	0.4	0.6	0.7	1.5	1.5	1.6
Fine sand	120	0.125	3	1.6	1.9	1.7	2.0	1.8	2.4	2.3	3.8	2.4	4.0
Very fine sand	200	0.075	3.75	42.0	43.9	36.4	38.4	36.9	39.3	31.9	35.7	33.5	37.5
Very fine sand	230	0.0625	4	8.8	52.7	10.7	49.0	9.9	49.1	10.8	46.6	8.6	46.1
Coarse silt	Hydrometer	0.0312	5	19.8	72.5	21.8	70.8	21.7	70.8	23.9	70.4	21.8	67.9
Very fine silt	Hydrometer	0.0039	8	10.2	82.7	11.0	81.8	13.0	83.9	11.8	82.2	21.9	89.8
Clay	Hydrometer	<0.0039	--	17.3	100.0	18.2	100.0	16.1	100.0	17.8	100.0	10.2	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 33 - Testing Results for Sediment Core ID BA9C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA9C01 201313-15		BA9C01 201317-19		BA9C01 201321-23		BA9C01 201325-27		BA9C01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.4	0.5	0.2	0.4	0.0	0.1
Coarse sand	35	0.50	1	0.1	0.1	0.1	0.1	1.1	1.6	0.1	0.5	0.1	0.2
Medium sand	60	0.25	2	0.3	0.4	0.4	0.4	1.9	3.5	0.2	0.8	0.2	0.4
Fine sand	120	0.125	3	1.2	1.6	1.5	1.9	11.5	15.0	1.2	2.0	1.5	1.9
Very fine sand	200	0.075	3.75	33.6	35.2	28.9	30.8	24.2	39.2	25.2	27.2	36.3	38.2
Very fine sand	230	0.0625	4	8.6	43.8	9.9	40.8	6.9	46.1	10.8	38.0	8.5	46.7
Coarse silt	Hydrometer	0.0312	5	21.3	65.2	24.7	65.5	17.3	63.5	26.8	64.8	21.4	68.1
Very fine silt	Hydrometer	0.0039	8	25.2	90.4	25.2	90.6	25.6	89.0	26.8	91.6	22.1	90.2
Clay	Hydrometer	<0.0039	--	9.6	100.0	9.4	100.0	11.0	100.0	8.4	100.0	9.8	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 34 - Testing Results for Sediment Core ID BA9DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA9DC01 201301		BA9DC01 201303		BA9DC01 201305		BA9DC01 201307		BA9DC01 201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medium sand	60	0.25	2	0.1	0.1	0.1	0.1	0.2	0.3	0.1	0.1	0.1	0.1
Fine sand	120	0.125	3	1.5	1.6	1.7	1.8	2.4	2.7	1.3	1.4	1.7	1.8
Very fine sand	200	0.075	3.75	41.6	43.3	42.3	44.0	35.2	37.8	42.4	43.8	40.6	42.4
Very fine sand	230	0.0625	4	8.8	52.0	8.5	52.5	9.3	47.1	8.6	52.4	10.0	52.4
Coarse silt	Hydrometer	0.0312	5	19.3	71.3	19.7	72.2	22.6	69.7	20.7	73.1	25.4	77.8
Very fine silt	Hydrometer	0.0039	8	9.9	81.2	11.7	83.9	13.9	83.6	14.0	87.1	14.3	92.0
Clay	Hydrometer	<0.0039	--	18.8	100.0	16.1	100.0	16.4	100.0	12.9	100.0	8.0	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 34 - Testing Results for Sediment Core ID BA9DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA9DC01 201313-15		BA9DC01 201317-19		BA9DC01 201321-23		BA9DC01 201325-27		BA9DC01 201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.1
Very coarse sand	18	1.00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2
Coarse sand	35	0.50	1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.3	0.1	0.3
Medium sand	60	0.25	2	0.1	0.2	0.3	0.3	0.4	0.5	0.2	0.5	0.3	0.5
Fine sand	120	0.125	3	1.4	1.6	2.0	2.3	1.8	2.3	1.9	2.4	1.7	2.3
Very fine sand	200	0.075	3.75	46.2	47.9	45.3	47.6	46.9	49.2	43.8	46.2	43.6	45.9
Very fine sand	230	0.0625	4	9.3	57.2	8.4	56.0	8.4	57.7	9.6	55.8	9.0	54.9
Coarse silt	Hydrometer	0.0312	5	23.2	80.4	21.9	77.9	21.4	79.1	24.1	79.9	22.7	77.5
Very fine silt	Hydrometer	0.0039	8	11.1	91.5	13.5	91.4	12.0	91.1	11.4	91.3	12.9	90.4
Clay	Hydrometer	<0.0039	--	8.5	100.0	8.6	100.0	8.9	100.0	8.7	100.0	9.6	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 34 - Testing Results for Sediment Core ID BA9DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA9DC01 201333-35		BA9DC01 201337-39		BA9DC01 201341-43	
Depth Interval				32-36 cm		36-40 cm		40-44 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.1	0.1	0.1	0.1	0.1	0.1
Coarse sand	35	0.50	1	0.1	0.1	0.1	0.2	0.1	0.2
Medium sand	60	0.25	2	0.3	0.4	0.2	0.4	0.2	0.4
Fine sand	120	0.125	3	1.9	2.3	1.7	2.2	2.9	3.3
Very fine sand	200	0.075	3.75	39.6	41.9	41.6	43.8	35.2	38.5
Very fine sand	230	0.0625	4	9.0	50.8	7.4	51.2	8.3	46.8
Coarse silt	Hydrometer	0.0312	5	23.8	74.7	19.7	70.9	20.8	67.7
Very fine silt	Hydrometer	0.0039	8	16.4	91.0	20.0	90.8	23.5	91.1
Clay	Hydrometer	<0.0039	--	9.0	100.0	9.2	100.0	8.9	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 35 - Testing Results for Sediment Core ID BA10B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA10B01201301		BA10B01201303		BA10B01201305		BA10B01201307		BA10B01201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
USCS Classification ASTM D 2487	Sieve number	Particle Size (mm)	Phi interval	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Coarse sand	35	0.50	1	0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.3
Medium sand	60	0.25	2	0.3	0.5	0.2	0.3	0.4	0.7	0.3	0.5	0.4	0.7
Fine sand	120	0.125	3	3.8	4.3	4.2	4.6	4.4	5.0	4.2	4.7	4.9	5.6
Very fine sand	200	0.075	3.75	35.4	39.7	33.0	37.6	42.0	47.0	32.5	37.2	43.2	48.8
Very fine sand	230	0.0625	4	7.7	47.4	8.2	45.8	7.7	54.7	9.3	46.5	7.2	56.0
Coarse silt	Hydrometer	0.0312	5	19.8	67.2	19.8	65.5	17.0	71.6	22.0	68.6	18.1	74.1
Very fine silt	Hydrometer	0.0039	8	17.0	84.2	16.0	81.5	12.8	84.4	15.0	83.6	16.7	90.8
Clay	Hydrometer	<0.0039	--	15.8	100.0	18.5	100.0	15.6	100.0	16.4	100.0	9.2	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 35 - Testing Results for Sediment Core ID BA10B012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA10B01201313-15		BA10B01201317-19		BA10B01201321-23		BA10B01201325-27		BA10B01201329	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-30 cm	
USCS Classification ASTM D 2487	Sieve number	Particle Size (mm)	Phi interval	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Very coarse sand	18	1.00	0	0.2	0.2	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
Coarse sand	35	0.50	1	0.2	0.4	0.1	0.7	0.1	0.1	0.0	0.0	0.1	0.1
Medium sand	60	0.25	2	0.4	0.8	0.2	0.9	0.1	0.2	0.0	0.1	0.0	0.1
Fine sand	120	0.125	3	4.4	5.2	2.2	3.1	1.0	1.2	0.3	0.3	0.1	0.2
Very fine sand	200	0.075	3.75	39.0	44.2	26.2	29.3	11.6	12.8	4.6	5.0	2.2	2.4
Very fine sand	230	0.0625	4	8.7	52.9	7.7	37.0	8.4	21.2	8.1	13.1	4.9	7.3
Coarse silt	Hydrometer	0.0312	5	21.2	74.1	19.2	56.2	21.0	42.2	20.3	33.4	12.2	19.5
Very fine silt	Hydrometer	0.0039	8	17.3	91.5	35.5	91.7	50.2	92.4	58.9	92.3	68.5	88.1
Clay	Hydrometer	<0.0039	--	8.5	100.0	8.3	100.0	7.6	100.0	7.7	100.0	11.9	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 36 - Testing Results for Sediment Core ID BA10C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA10C01201301		BA10C01201303		BA10C01201305		BA10C01201307		BA10C01201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
USCS Classification ASTM D 2487	Sieve number	Particle Size (mm)	Phi interval	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	5.7	5.7	5.6	5.6	4.2	4.2	3.7	3.7
Very coarse sand	18	1.00	0	0.6	0.6	1.3	7.0	0.7	6.3	2.3	6.5	1.6	5.3
Coarse sand	35	0.50	1	0.4	1.0	0.6	7.6	2.4	8.7	1.2	7.6	0.6	5.8
Medium sand	60	0.25	2	0.6	1.6	0.8	8.4	1.2	9.8	0.6	8.3	0.6	6.4
Fine sand	120	0.125	3	9.6	11.2	11.0	19.5	9.3	19.2	9.6	17.9	9.0	15.4
Very fine sand	200	0.075	3.75	55.7	66.9	48.9	68.4	49.3	68.4	43.0	60.9	50.8	66.2
Very fine sand	230	0.0625	4	3.8	70.6	3.9	72.3	3.8	72.2	4.5	65.4	4.1	70.3
Coarse silt	Hydrometer	0.0312	5	7.5	78.1	9.1	81.5	7.9	80.1	10.9	76.3	10.8	81.1
Very fine silt	Hydrometer	0.0039	8	3.9	82.0	5.3	86.7	5.1	85.3	9.0	85.3	10.1	91.2
Clay	Hydrometer	<0.0039	--	18.0	100.0	13.3	100.0	14.7	100.0	14.7	100.0	8.8	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 36 - Testing Results for Sediment Core ID BA10C012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA10C01201313-15		BA10C01201317-19		BA10C01201321-23	
Depth Interval				12-16 cm		16-20 cm		20-24 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	1.3	1.3	0.6	0.6	0.0	0.0
Very coarse sand	18	1.00	0	1.3	2.6	0.4	1.0	0.4	0.4
Coarse sand	35	0.50	1	0.5	3.1	0.2	1.2	0.2	0.6
Medium sand	60	0.25	2	0.4	3.5	0.2	1.4	0.1	0.7
Fine sand	120	0.125	3	7.2	10.8	3.5	4.9	2.3	3.0
Very fine sand	200	0.075	3.75	36.5	47.3	29.6	34.5	24.1	27.1
Very fine sand	230	0.0625	4	7.5	54.8	9.6	44.1	9.9	36.9
Coarse silt	Hydrometer	0.0312	5	18.8	73.7	24.0	68.1	24.7	61.6
Very fine silt	Hydrometer	0.0039	8	17.6	91.3	23.8	92.0	31.3	92.9
Clay	Hydrometer	<0.0039	--	8.7	100.0	8.0	100.0	7.1	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 37 - Testing Results for Sediment Core ID BA10DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA10DC01201301		BA10DC01201303		BA10DC01201305		BA10DC01201307		BA10DC01201309-11	
Depth Interval				0-2 cm		2-4 cm		4-6 cm		6-8 cm		8-12 cm	
USCS Classification ASTM D 2487	Sieve number	Particle Size (mm)	Phi interval	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Very coarse sand	18	1.00	0	0.1	0.1	0.3	0.3	0.2	0.2	0.0	0.0	0.1	0.2
Coarse sand	35	0.50	1	0.1	0.2	0.2	0.5	0.2	0.4	0.3	0.3	0.2	0.4
Medium sand	60	0.25	2	0.5	0.7	0.5	1.0	0.6	1.0	1.1	1.4	0.7	1.1
Fine sand	120	0.125	3	8.2	8.9	4.8	5.8	5.9	6.9	15.1	16.5	6.9	8.1
Very fine sand	200	0.075	3.75	54.6	63.5	52.5	58.3	49.9	56.8	45.7	62.2	53.3	61.3
Very fine sand	230	0.0625	4	3.3	66.8	3.9	62.2	4.1	60.9	3.3	65.6	4.5	65.9
Coarse silt	Hydrometer	0.0312	5	8.5	75.3	10.0	72.2	9.2	70.1	8.4	74.0	11.8	77.7
Very fine silt	Hydrometer	0.0039	8	10.2	85.5	12.9	85.1	13.9	83.9	11.9	85.9	14.5	92.2
Clay	Hydrometer	<0.0039	--	14.5	100.0	14.9	100.0	16.1	100.0	14.1	100.0	7.8	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 37 - Testing Results for Sediment Core ID BA10DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA10DC01201313-15		BA10DC01201317-19		BA10DC01201321-23		BA10DC01201325-27		BA10DC01201329-31	
Depth Interval				12-16 cm		16-20 cm		20-24 cm		24-28 cm		28-32 cm	
USCS Classification ASTM D 2487	Sieve number	Particle Size (mm)	Phi interval	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained	Percent Retained	Cumul. Percent Retained
Medium pebble	3/8	9.50	-3.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gravel	10	2.00	-1	0.4	0.4	0.5	0.5	1.0	1.0	0.8	0.8	2.1	2.1
Very coarse sand	18	1.00	0	0.4	0.8	0.3	0.8	0.6	1.5	0.5	1.3	0.6	2.7
Coarse sand	35	0.50	1	0.2	1.0	0.2	1.0	0.6	2.1	0.4	1.7	1.3	4.0
Medium sand	60	0.25	2	0.3	1.2	0.3	1.3	1.5	3.6	1.4	3.1	2.1	6.1
Fine sand	120	0.125	3	3.7	5.0	5.0	6.2	7.0	10.6	8.2	11.2	4.0	10.2
Very fine sand	200	0.075	3.75	30.1	35.0	29.1	35.4	51.3	61.9	48.6	59.8	51.0	61.2
Very fine sand	230	0.0625	4	12.5	47.5	11.6	47.0	3.0	64.9	3.5	63.3	3.3	64.5
Coarse silt	Hydrometer	0.0312	5	29.0	76.5	27.5	74.6	8.1	73.0	9.1	72.4	8.8	73.3
Very fine silt	Hydrometer	0.0039	8	15.4	92.0	17.9	92.4	18.6	91.6	19.6	92.0	18.4	91.7
Clay	Hydrometer	<0.0039	--	8.0	100.0	7.6	100.0	8.4	100.0	8.0	100.0	8.3	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.

Table 37 - Testing Results for Sediment Core ID BA10DC012013 - Particle Size
First MNR Report
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Sample ID				BA10DC01201333-35	
Depth Interval				32-36 cm	
<i>USCS Classification ASTM D 2487</i>	<i>Sieve number</i>	<i>Particle Size (mm)</i>	<i>Phi interval</i>	<i>Percent Retained</i>	<i>Cumul. Percent Retained</i>
Medium pebble	3/8	9.50	-3.25	0.0	0.0
Small pebble	4	4.75	-2.25	0.0	0.0
Gravel	10	2.00	-1	2.6	2.6
Very coarse sand	18	1.00	0	1.3	3.9
Coarse sand	35	0.50	1	0.6	4.5
Medium sand	60	0.25	2	0.6	5.0
Fine sand	120	0.125	3	10.3	15.3
Very fine sand	200	0.075	3.75	48.4	63.7
Very fine sand	230	0.0625	4	3.5	67.2
Coarse silt	Hydrometer	0.0312	5	9.0	76.1
Very fine silt	Hydrometer	0.0039	8	16.1	92.3
Clay	Hydrometer	<0.0039	--	7.7	100.0

Notes:

1. Particle size test method: ASTM D422, *Standard Test Method for Particle-Size Analysis of Soils*.
2. Size classification is per the Wentworth Soil Classification System.