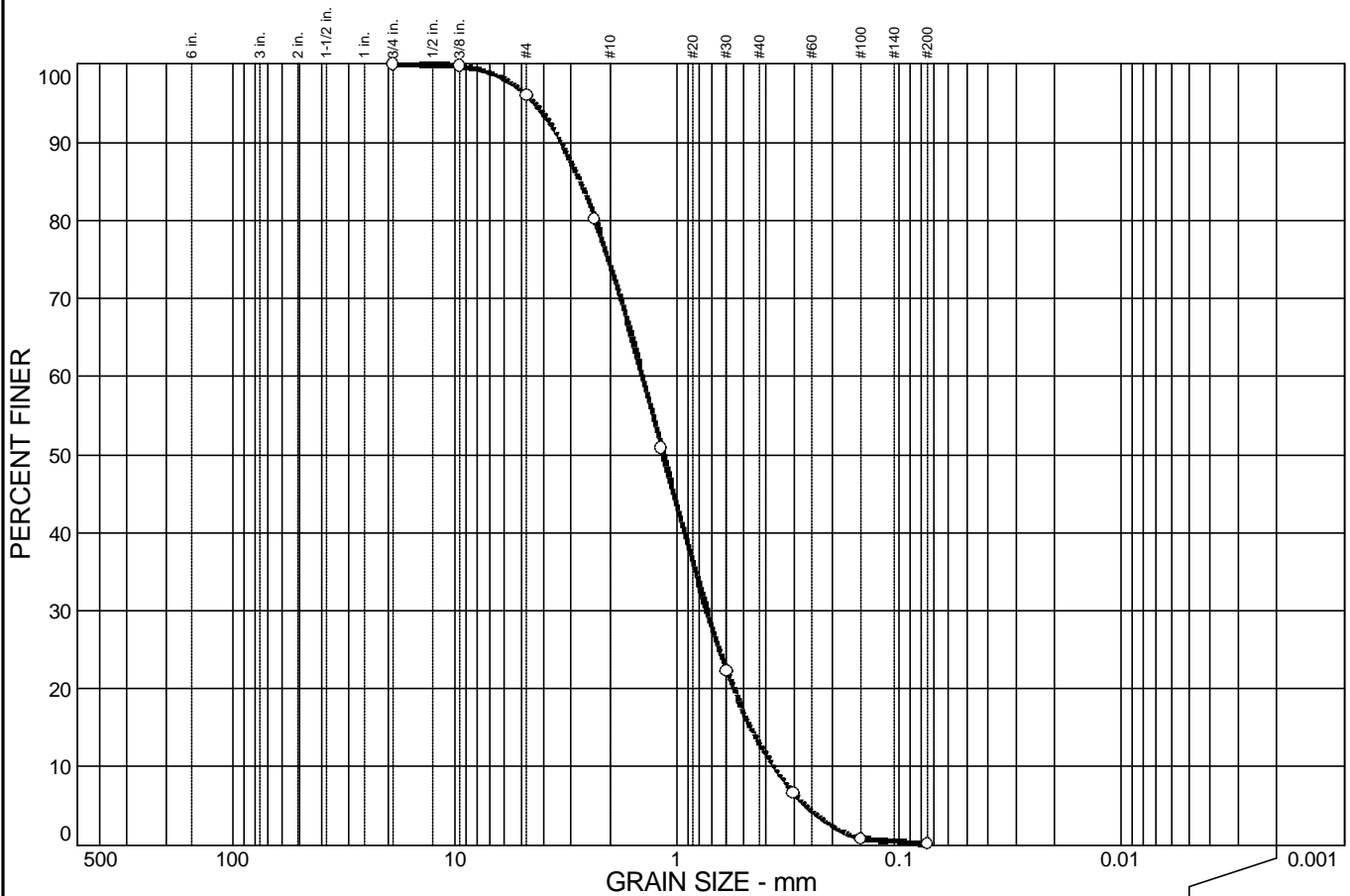


**Appendix B**  
**Physical Properties Test Data**

# PARTICLE SIZE DISTRIBUTION TEST REPORT



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0.0	0.0	4.0	21.9	61.2	12.8	0.1	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/4 in.	100.0		
3/8 in.	99.8		
#4	96.0		
#8	80.2		
#16	50.8		
#30	22.3		
#50	6.7		
#100	0.8		
#200	0.1		

**Soil Description**

Poorly graded sand

**Atterberg Limits**

PL= -      LL= -      PI= NP

**Coefficients**

D<sub>85</sub>= 2.75      D<sub>60</sub>= 1.44      D<sub>50</sub>= 1.16  
 D<sub>30</sub>= 0.739      D<sub>15</sub>= 0.466      D<sub>10</sub>= 0.369  
 C<sub>u</sub>= 3.91      C<sub>c</sub>= 1.03

**Classification**

USCS= SP      AASHTO=

**Remarks**

\* (no specification provided)

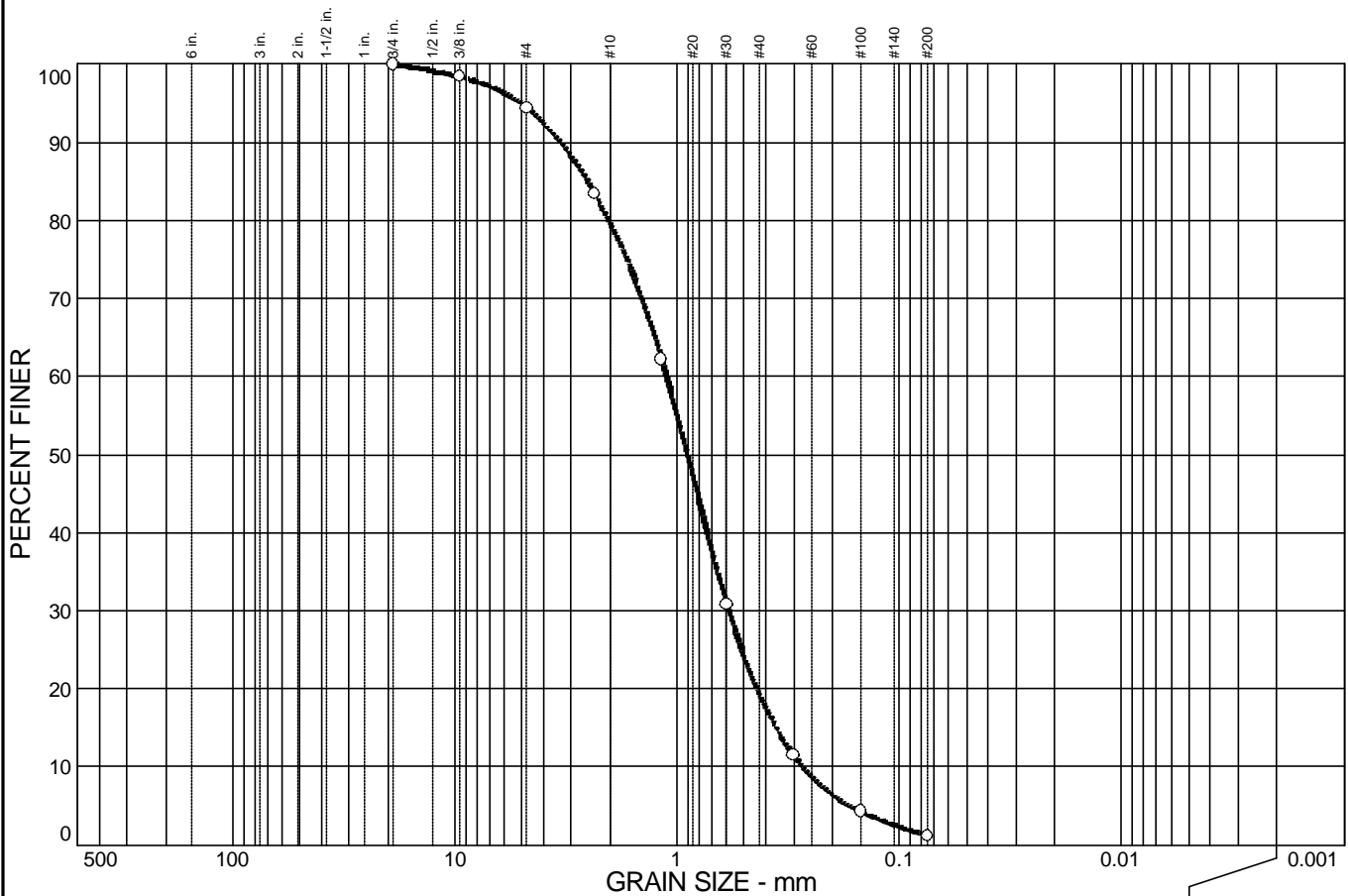
**Sample No.:** 128  
**Location:** DH-1-3

**Source of Sample:**

**Date:** 7/8/03  
**Elev./Depth:** 1.50 ft

<b>BUREAU OF RECLAMATION</b>	<b>Project:</b> SALTON SEA <b>Feature:</b> SALTON SEA  <b>Project No:</b> 54F
	<b>Figure</b>

# PARTICLE SIZE DISTRIBUTION TEST REPORT



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0.0	0.0	5.6	14.9	60.4	17.9	1.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/4 in.	100.0		
3/8 in.	98.4		
#4	94.4		
#8	83.4		
#16	62.2		
#30	30.8		
#50	11.5		
#100	4.3		
#200	1.2		

**Soil Description**

Poorly graded sand

**Atterberg Limits**

PL= -      LL= -      PI= NP

**Coefficients**

D<sub>85</sub>= 2.55      D<sub>60</sub>= 1.12      D<sub>50</sub>= 0.906  
D<sub>30</sub>= 0.588      D<sub>15</sub>= 0.360      D<sub>10</sub>= 0.273  
C<sub>u</sub>= 4.11      C<sub>c</sub>= 1.13

**Classification**

USCS= SP      AASHTO=

**Remarks**

\* (no specification provided)

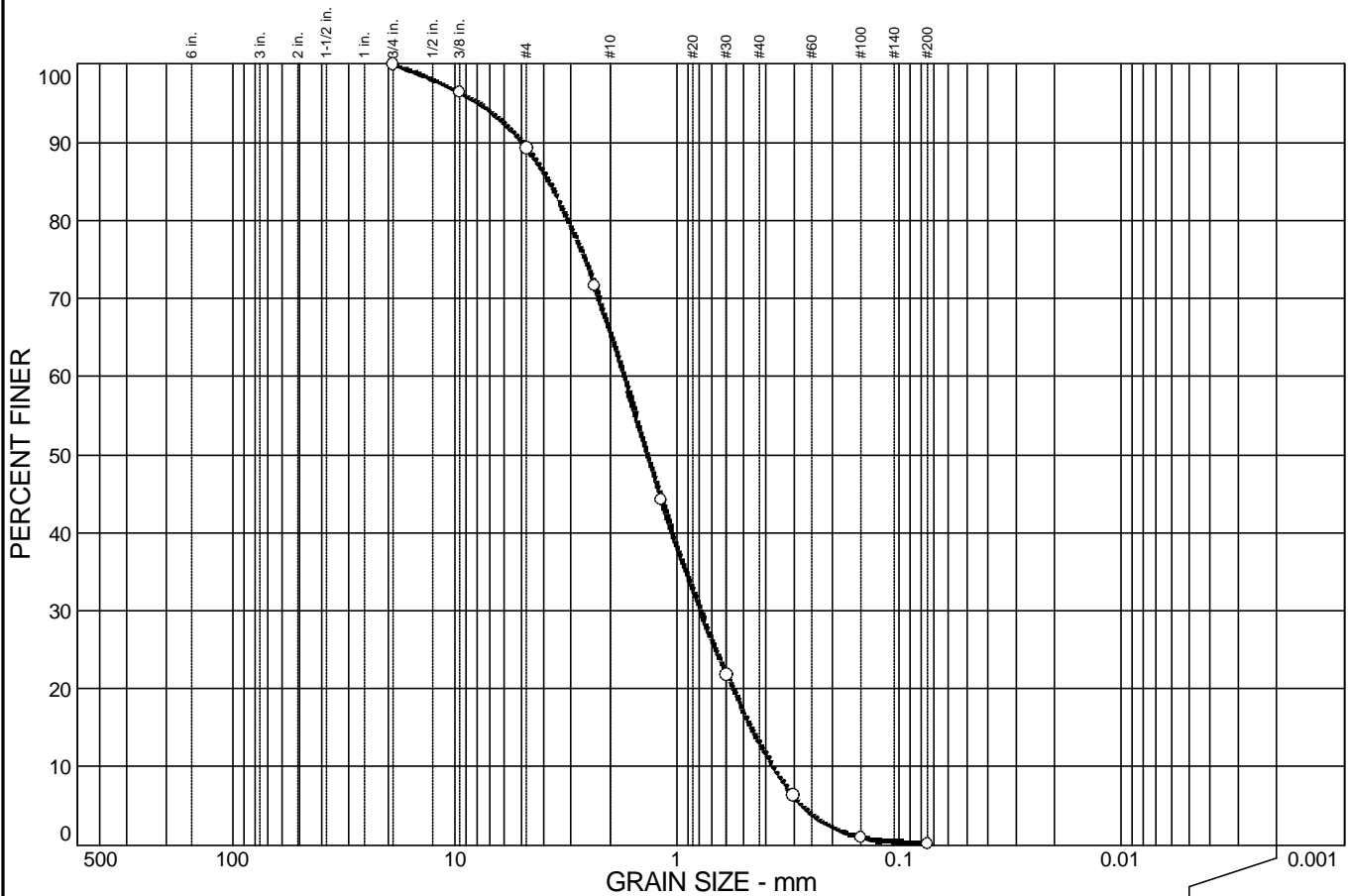
**Sample No.:** 132  
**Location:** DH-7-7

**Source of Sample:**

**Date:** 7/8/03  
**Elev./Depth:** 1.25 ft

<b>BUREAU OF RECLAMATION</b>	<b>Project:</b> SALTON SEA <b>Feature:</b> SALTON SEA  <b>Project No:</b> 54F	<b>Figure</b>
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# PARTICLE SIZE DISTRIBUTION TEST REPORT



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0.0	0.0	10.8	23.7	52.6	12.7	0.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/4 in.	100.0		
3/8 in.	96.4		
#4	89.2		
#8	71.6		
#16	44.2		
#30	21.8		
#50	6.3		
#100	1.0		
#200	0.2		

**Soil Description**

Poorly graded sand

**Atterberg Limits**

PL= -      LL= -      PI= NP

**Coefficients**

D<sub>85</sub>= 3.81      D<sub>60</sub>= 1.74      D<sub>50</sub>= 1.37  
D<sub>30</sub>= 0.788      D<sub>15</sub>= 0.464      D<sub>10</sub>= 0.371  
C<sub>u</sub>= 4.70      C<sub>c</sub>= 0.96

**Classification**

USCS= SP      AASHTO=

**Remarks**

\* (no specification provided)

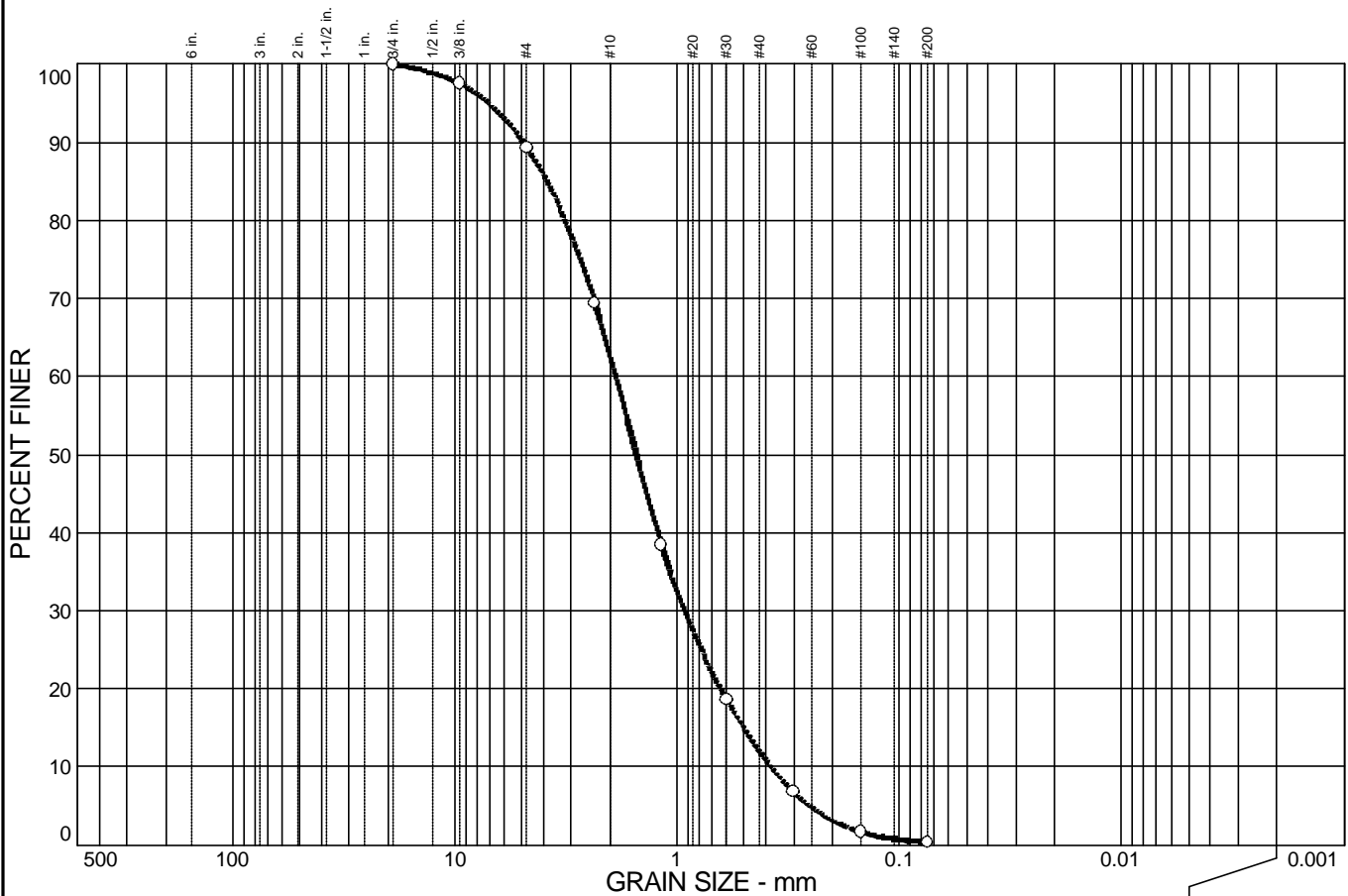
**Sample No.:** 135  
**Location:** DH-4-10

**Source of Sample:**

**Date:** 7/8/03  
**Elev./Depth:** 1.00 ft

<b>BUREAU OF RECLAMATION</b>	<b>Project:</b> SALTON SEA <b>Feature:</b> SALTON SEA  <b>Project No:</b> 54F	<b>Figure</b>
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# PARTICLE SIZE DISTRIBUTION TEST REPORT



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0.0	0.0	10.7	27.0	50.4	11.6	0.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/4 in.	100.0		
3/8 in.	97.5		
#4	89.3		
#8	69.4		
#16	38.4		
#30	18.6		
#50	6.8		
#100	1.7		
#200	0.3		

**Soil Description**

Poorly graded sand

**Atterberg Limits**

PL= -                      LL= -                      PI= NP

**Coefficients**

D<sub>85</sub>= 3.87                      D<sub>60</sub>= 1.90                      D<sub>50</sub>= 1.54  
D<sub>30</sub>= 0.931                      D<sub>15</sub>= 0.504                      D<sub>10</sub>= 0.379  
C<sub>u</sub>= 5.02                              C<sub>c</sub>= 1.20

**Classification**

USCS= SP                              AASHTO=

**Remarks**

\* (no specification provided)

**Sample No.:** 136  
**Location:** DH-5-11

**Source of Sample:**

**Date:** 7/8/03  
**Elev./Depth:** 0.92 ft

<h2 style="margin: 0;">BUREAU OF RECLAMATION</h2>	<p><b>Project:</b> SALTON SEA  <b>Feature:</b> SALTON SEA  <b>Project No:</b> 54F</p> <p style="text-align: right;"><b>Figure</b></p>
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# PARTICLE SIZE DISTRIBUTION TEST REPORT



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0.0	0.0	3.5	7.5	33.6	54.8	0.6	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/4 in.	100.0		
3/8 in.	99.5		
#4	96.5		
#8	91.3		
#16	80.4		
#30	68.2		
#50	38.5		
#100	7.5		
#200	0.6		

**Soil Description**

Poorly graded sand

**Atterberg Limits**

PL= -      LL= -      PI= NP

**Coefficients**

D<sub>85</sub>= 1.57      D<sub>60</sub>= 0.474      D<sub>50</sub>= 0.378  
 D<sub>30</sub>= 0.255      D<sub>15</sub>= 0.186      D<sub>10</sub>= 0.163  
 C<sub>u</sub>= 2.92      C<sub>c</sub>= 0.84

**Classification**

USCS= SP      AASHTO=

**Remarks**

\* (no specification provided)

**Sample No.:** 138

**Source of Sample:**

**Date:** 7/8/03

**Location:** Pad No.6 Excavation No. 13

**Elev./Depth:** 1.50 ft

**BUREAU  
OF  
RECLAMATION**

**Project:** SALTON SEA  
**Feature:** SALTON SEA

**Project No.:** 54F

**Figure**