

BAER Testing and Consulting, Inc.

CLIENT: SVID Sunnyside Board of Control PROJECT: 37-10 Re-Regulating Reservoir SAMPLE SOURCE: Pit #1 / S.E. Corner of Site DATE SAMPLED: 7/1/2010 MATERIAL TYPE: Native	PROJECT NUMBER: 10-167 WORK ORDER #: 4812 SAMPLE NUMBER: 4812-1 DATE TESTED: 7/6/2010 TESTED BY: SB
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SIEVE ANALYSIS

Sieve Size:	Percent Passing:	Sieve Size:	Percent Passing:
4"		#4	96%
3"		#8	
2 1/2"		#10	95%
2"		#16	
1 1/2"		#20	94%
1 1/4"		#30	
1"		#40	93%
3/4"		#50	
5/8"		#60	
1/2"		#80	89%
3/8"		#100	88%
1/4"	100%	#200	78.3%

USCS CLASSIFICATION - ASTM D 2487

SAND EQUIVALENT - ASTM D 2419

MOISTURE DENSITY RELATIONSHIP ASTM D698

Moisture:	Dry Density:	
16.3%	94.5	Moist Preparation Method
18.4%	97.1	Manual Rammer
20.9%	99.0	Procedure: A
22.1%	96.9	S.G. (est): 2.65
24.1%	94.8	

OVERSIZE CORRECTION - ASTM D 4718

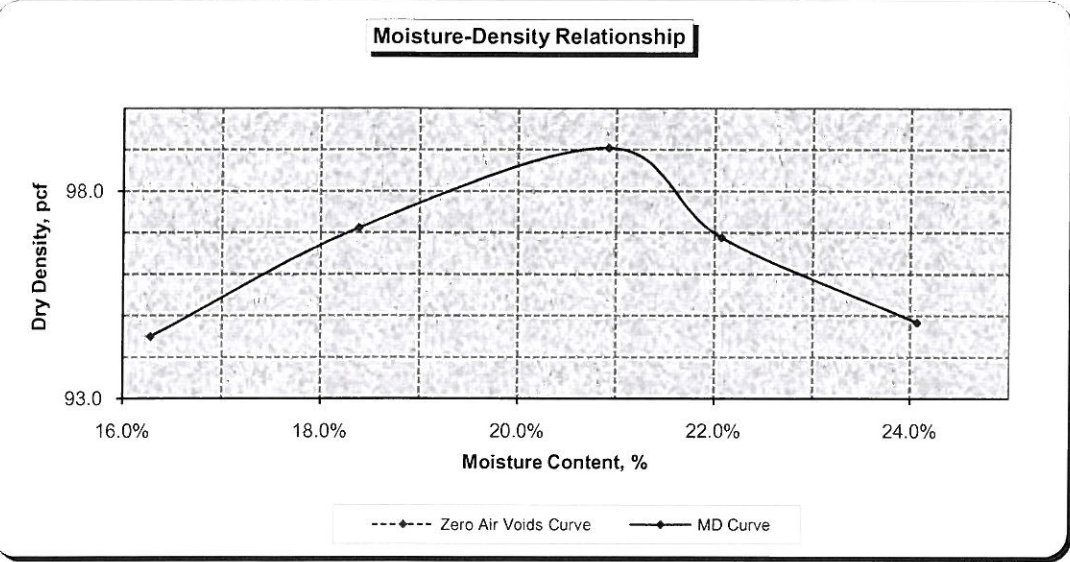
Dry Density: **100.7** % Moisture: **20.1%**

ASTM D 4318	ASTM D 2216	AGG. S.G. - ASTM C 127/ C 128
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Liquid Limit	Plastic Limit	Plast. Index	Moisture Content:	Spec. Grav.	Coarse	Fine
			SOIL S.G. - ASTM D 864	Bulk S.G.:	N/A	N/A
			Specific Gravity @ 20°C: N/A	SSD S.G.:	N/A	N/A
			ORGANIC IMPURITIES - ASTM C 40	App. S.G.:	N/A	N/A
			Organic Plate Number:	Absorption:	N/A	N/A

FINE MODULUS - ASTM C 136

Fineness Modulus: **0.16**



REVIEWED BY:

X *[Signature]*

BAER Testing and Consulting, Inc.

CLIENT: SVID Sunnyside Board of Control PROJECT: 37-10 Re-Regulating Reservoir SAMPLE SOURCE: Pit #2 / N. E. Corner of Site DATE SAMPLED: 7/1/2010 MATERIAL TYPE: Native	PROJECT NUMBER: 10-167 WORK ORDER #: 4812 SAMPLE NUMBER: 4812-2 DATE TESTED: 7/6/2010 TESTED BY: SB
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SIEVE ANALYSIS

Sieve Size:	Percent Passing:	Sieve Size:	Percent Passing:
4"		#4	100%
3"		#8	
2 1/2"		#10	100%
2"		#16	
1 1/2"		#20	100%
1 1/4"		#30	
1"		#40	99%
3/4"		#50	
5/8"		#60	
1/2"		#80	96%
3/8"		#100	93%
1/4"		#200	72.6%

USCS CLASSIFICATION - ASTM D 2487

SAND EQUIVALENT - ASTM D 2419

MOISTURE DENSITY RELATIONSHIP ASTM D698

Moisture:	Dry Density:	
10.9%	93.2	Moist Preparation Method
13.0%	95.4	Manual Rammer
16.1%	98.0	Procedure: A
19.9%	95.6	S.G. (est): 2.65
22.0%	93.5	

OVERSIZE CORRECTION - ASTM D 4718

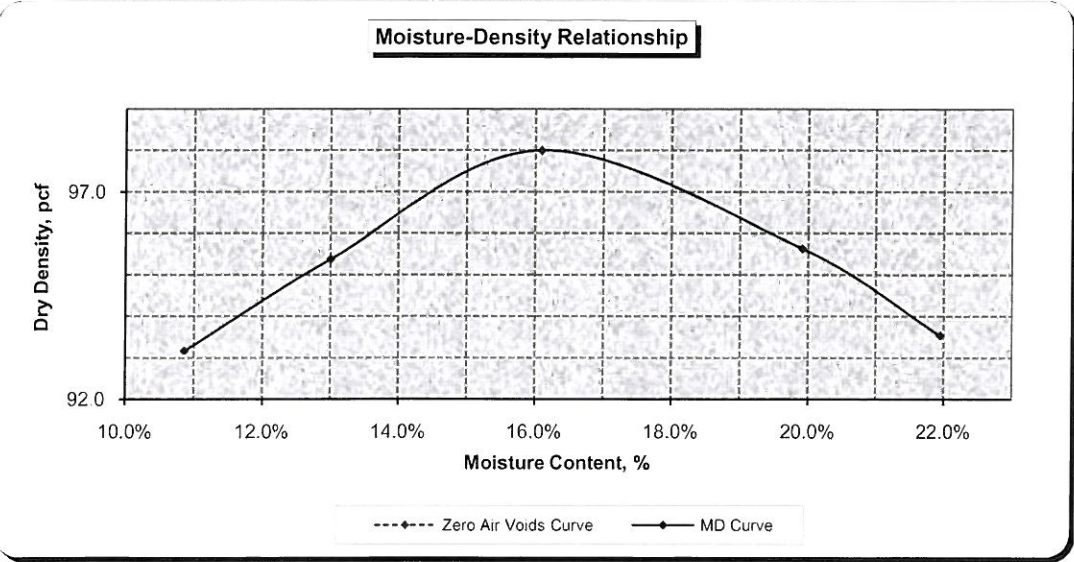
Dry Density: #VALUE! % Moisture: #VALUE!

ASTM D 4318	ASTM D 2216	AGG. S.G. - ASTM C 127/ C 128
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Liquid Limit	Moisture Content:	Spec. Grav.
Plastic Limit	SOIL S.G. - ASTM D 864	Coarse
Plast. Index	Specific Gravity @ 20°C: N/A	Fine
		Bulk S.G.: N/A
		SSD S.G.: N/A
		App. S.G.: N/A
		Absorption: N/A

FINE. MODULUS - ASTM C 136	ORGANIC IMPURITIES - ASTM C 40	
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Fineness Modulus: 0.07 Organic Plate Number: Absorption: N/A



REVIEWED BY:

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BAER Testing and Consulting, Inc.

CLIENT: SVID Sunnyside Board of Control PROJECT: 37-10 Re-Regulating Reservoir SAMPLE SOURCE: Pit #4 / N. W. Corner of site DATE SAMPLED: 7/1/2010 MATERIAL TYPE: Native	PROJECT NUMBER: 10-167 WORK ORDER #: 4812 SAMPLE NUMBER: 4812-4 DATE TESTED: 7/6/2010 TESTED BY: SB
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SIEVE ANALYSIS

Sieve Size:	Percent Passing:	Sieve Size:	Percent Passing:
4"		#4	100%
3"		#8	
2 1/2"		#10	100%
2"		#16	
1 1/2"		#20	99%
1 1/4"		#30	
1"		#40	98%
3/4"		#50	
5/8"		#60	
1/2"		#80	96%
3/8"		#100	95%
1/4"		#200	68.0%

USCS CLASSIFICATION - ASTM D 2487

SAND EQUIVALENT - ASTM D 2419

MOISTURE DENSITY RELATIONSHIP ASTM D698

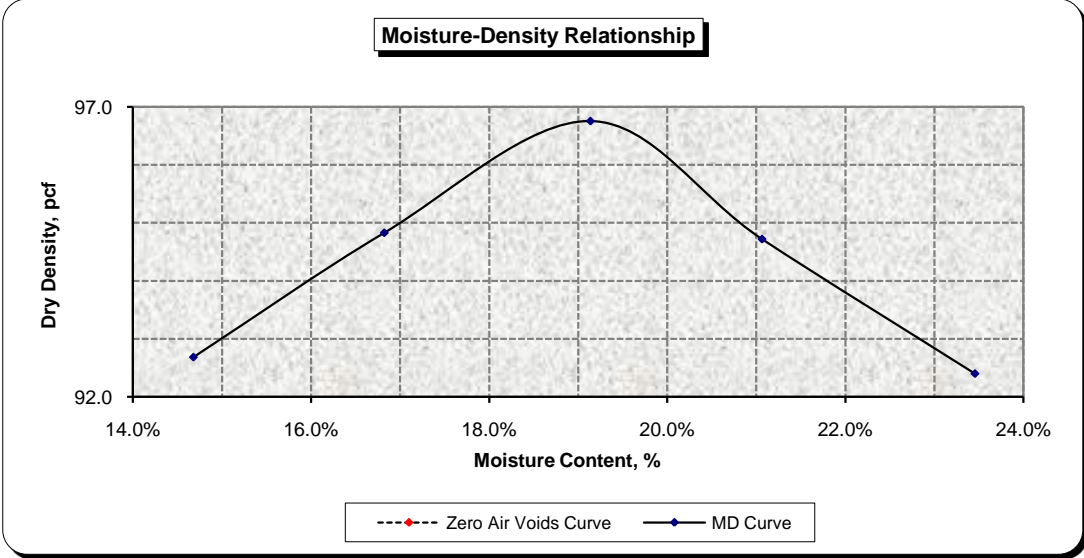
Percent Moisture:	Dry Density:	
14.7%	92.7	Moist Preparation Method
16.8%	94.8	Manual Rammer
19.1%	96.8	Procedure: A
21.1%	94.7	S.G. (est): 2.65
23.5%	92.4	

OVERSIZE CORRECTION - ASTM D 4718

Dry Density: #VALUE! % Moisture: #VALUE!

ASTM D 4318	ASTM D 2216	AGG. S.G. - ASTM C 127/ C 128
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Liquid Limit	Plastic Limit	Plast. Index	Moisture Content:	Spec. Grav.	Coarse	Fine
			SOIL S.G. - ASTM D 864	Bulk S.G.:	N/A	N/A
			Specific Gravity @ 20°C: N/A	SSD S.G.:	N/A	N/A
			FINE. MODULUS - ASTM C 136	App. S.G.:	N/A	N/A
			Fineness Modulus: 0.05	Absorption:	N/A	N/A
			Organic Plate Number:			
			ORGANIC IMPURITIES - ASTM C 40			



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