



SUMMARY REPORT OF SOIL AND AGGREGATE TESTS

Client: Sierra Ready Mix
4150 Smiley Rd.
North Las Vegas, NV 89031

Attention: Mr. Bill McDonald

Project Name: Misc. Lab Testing
Sample Location: Sierra Ready Mix, Smiley Rd. Plant
Material Use: #89 Concrete Aggregate
Soil Classification: N/A

Date of Report: 12/3/15
Project Number: SIEX-001
Sample Number: 63486
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Revised on: 12/28/15

Soil Symbol: N/A
Date Sampled: 12/2/15
Date Received: 12/2/15
Sampled By: Client

SOIL AND AGGREGATE PROPERTIES					SIEVE ANALYSIS - ASTM C136				
	Test Method	ASTM Results	ASTM C33 Specifications	Pass or Fail	Sieve Size	Specification			Pass or Fail
						Percent Passing	Limits Min.	Limits Max.	
Liquid Limit, LL	D4318				6"				
Plastic Limit, PL	D4318				3"				
Plasticity Index, PI	D4318				2"				
Fineness Modulus	C136				1 1/2"				
Sodium Soundness, %	AASHTO T104	1.7	12 Max.	Pass	1"				
Cleanliness Value, CV	Caltrans T227	89			3/4"				
LA Abrasion, % loss 100 Rev's	C131			Pass	1/2"	100	100		Pass
LA Abrasion, % loss 500 Rev's	C131	29	50 Max.		3/8"	83	90	100	Pass
Soluble Sodium Sulfates, %					#4	30	20	55	Pass
Moisture Content, %	C566				#8	10	5	30	Pass
Clay Lumps and Friable Particles	C142	0.0	5 Max.	Pass	#16	4	0	10	Pass
Lightweight Pieces, %	C123	0.0	0.5 Max.	Pass	#30	2			
Uncorrected Max. Dry Density, pcf	D1557				#50	1	0	5	Pass
Uncorrected Optimum Moisture, %	D1557				#100	1			
Corrected Max. Dry Density, pcf	D1557				#200	0.4	0	1	Pass
Corrected Optimum Moisture, %	D1557								
Bulk Specific Gravity, (+#8)	C127	2.511							
Bulk SSD Specific Gravity(+#8)	C127	2.556							
Apparent Specific Gravity(+#8)	C127	2.631							
Absorption, % (+#8)	C127	1.8							

Comments: *ASTM C123 performed with Zinc Chloride with specific gravity of 2.00



Reviewed By: _____

Date: _____