



## SUMMARY REPORT OF SOIL AND AGGREGATE TESTS

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

Attention: Mr. Bill McDonald

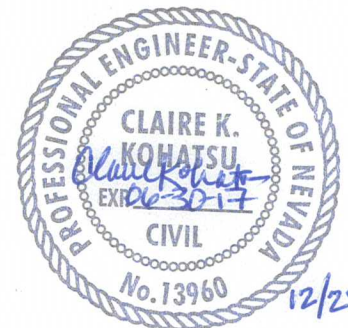
Project Name: Misc. Lab Testing  
Sample Location: Sierra Ready Mix, Smiley Rd. Plant  
Material Use: Fine Concrete Aggregate  
Soil Classification: N/A

Date of Report: 12/3/15  
Project Number: SIEX-001  
Sample Number: 63487  
Page: 1 of 1  
**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,C117				
	Test Method	ASTM Results	ASTM Specifications	Pass or Fail	Sieve Size	Specification		Pass or Fail	
						Percent Passing	Limits Min. Max.		
Liquid Limit, LL	D4318				6"				
Plastic Limit, PL	D4318				3"				
Plasticity Index, PI	D4318				2"				
Fractured Faces, %	1 Face	NDOT T230			1 1/2"				
Fractured Faces, %	2 Faces	NDOT T230			1"				
Organic Impurities	C40	*		Pass	3/4"				
Sand Equivalent, SE	D2419	81			1/2"				
Sodium Soundness, % loss Fine	C88	0.9	10 Max.	Pass	3/8"	100	100	100	
LA Abrasion, % loss 100 Rev's	C131				#4	100	95	100	
Fineness Modulus	C136				#8	91	80	100	
Clay Lumps and Friable Particles	C142	0.0	3 Max.	Pass	#16	62	50	85	
Lightweight Pieces, %	C123	0.0	0.5 Max.	Pass	#30	36	25	60	
Uncorrected Max. Dry Density, pcf	D1557				#50	17	5	30	
Uncorrected Optimum Moisture, %	D1557				#100	4	0	10	
Corrected Max. Dry Density, pcf	D1557				#200	1.1	0	5	
Corrected Optimum Moisture, %	D1557								
Bulk Specific Gravity, (-#4)	C128	2.620							
Bulk SSD Specific Gravity, (-#4)	C128	2.645							
Apparent Specific Gravity, (-#4)	C128	2.688							
Absorption, %, (-#4)	C128	1.0							

Comments: \*Lighter than standard  
 \*ASTM C123 performed with Zinc Chloride with specific gravity of 2.00



Reviewed By: \_\_\_\_\_

Date: \_\_\_\_\_