

6980 Sierra Center Parkway, Suite 90  
Reno, NV 89511

April 2, 2015  
File: 1042

Mr. Eric Jones  
**JOY ENGINEERING**  
1584 Wolf Meadows Lane  
Portola, CA 96122

**RE: USA Parkway Pit – Class 150 Rip Rap  
Aggregate Qualification Testing**

Dear Mr. Jones:

Per your request, we have performed aggregate quality testing on the Class 150 rip rap aggregates delivered to our laboratory from the USA Parkway Pit. Test results in comparison with ASTM C33 and NDOT specifications are as follows:

Durability Index (ASTM D3744)	
Class 150 Rip Rap	ASTM C33 Specification
90	52 Minimum

Los Angeles Abrasion (ASTM C131)	
Class 150 Rip Rap	ASTM C33/NDOT Specifications
21.5%	45% Maximum

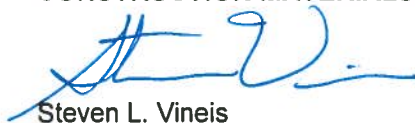
Specific Gravity and Absorption (ASTM C127)		
		Specification
Bulk Specific Gravity (Apparent)	2.25*	2.5 Minimum
Absorption	3.6%	-

\*out of specification

We appreciate this opportunity to provide our laboratory testing services. If you have any questions or require further information, please do not hesitate to contact us.

Sincerely,

**CONSTRUCTION MATERIALS ENGINEERS, INC.**



Steven L. Vineis  
Laboratory Manager  
[svineis@cmenv.com](mailto:svineis@cmenv.com)  
Direct: 775-737-7568  
Mobile: 775-772-9921

Jon A. Del Santo, PE  
Project Manager  
RE Number 17094  
Expiration Date 12-31-16  
[jdelsto@cmenv.com](mailto:jdelsto@cmenv.com)  
Direct: 775-737-7564  
Mobile: 775-846-4399



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