

6980 Sierra Center Parkway, Suite 90  
Reno, NV 89511

October 5, 2009  
File: 1009

Mr. Chris Benna  
**RILITE AGGREGATES**  
3025 Mill Street  
Reno, NV 89502

**RE: Rilite Pit - Fill Sand**

Dear Mr. Benna:

Per your request, we have performed testing on the fill sand sampled by our laboratory on October 1<sup>st</sup>.  
Test results are as follows:

Sieve Size Analysis (ASTM C136/C117)	
U.S. Standard Sieve Size	Percent By Weight Passing Rilite Pit Fill Sand
3/8 Inch	100
No. 4	99
No. 8	90
No. 16	64
No. 30	48
No. 50	32
No. 100	21
No. 200	13.9

Atterberg Limits (ASTM D4318)	
Liquid Limit	No Value
Plasticity Index	Nonplastic

Moisture Density (ASTM D1557C)	
Maximum Dry Density	110.5 PCF
Optimum Moisture	13.0%



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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.

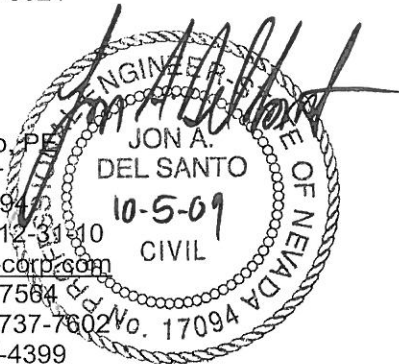
Sincerely,

**CONSTRUCTION MATERIALS ENGINEERS, INC.**



Steven L. Vineis  
Laboratory Manager  
[svineis@cme-corp.com](mailto:svineis@cme-corp.com)  
Direct: 775-737-7568  
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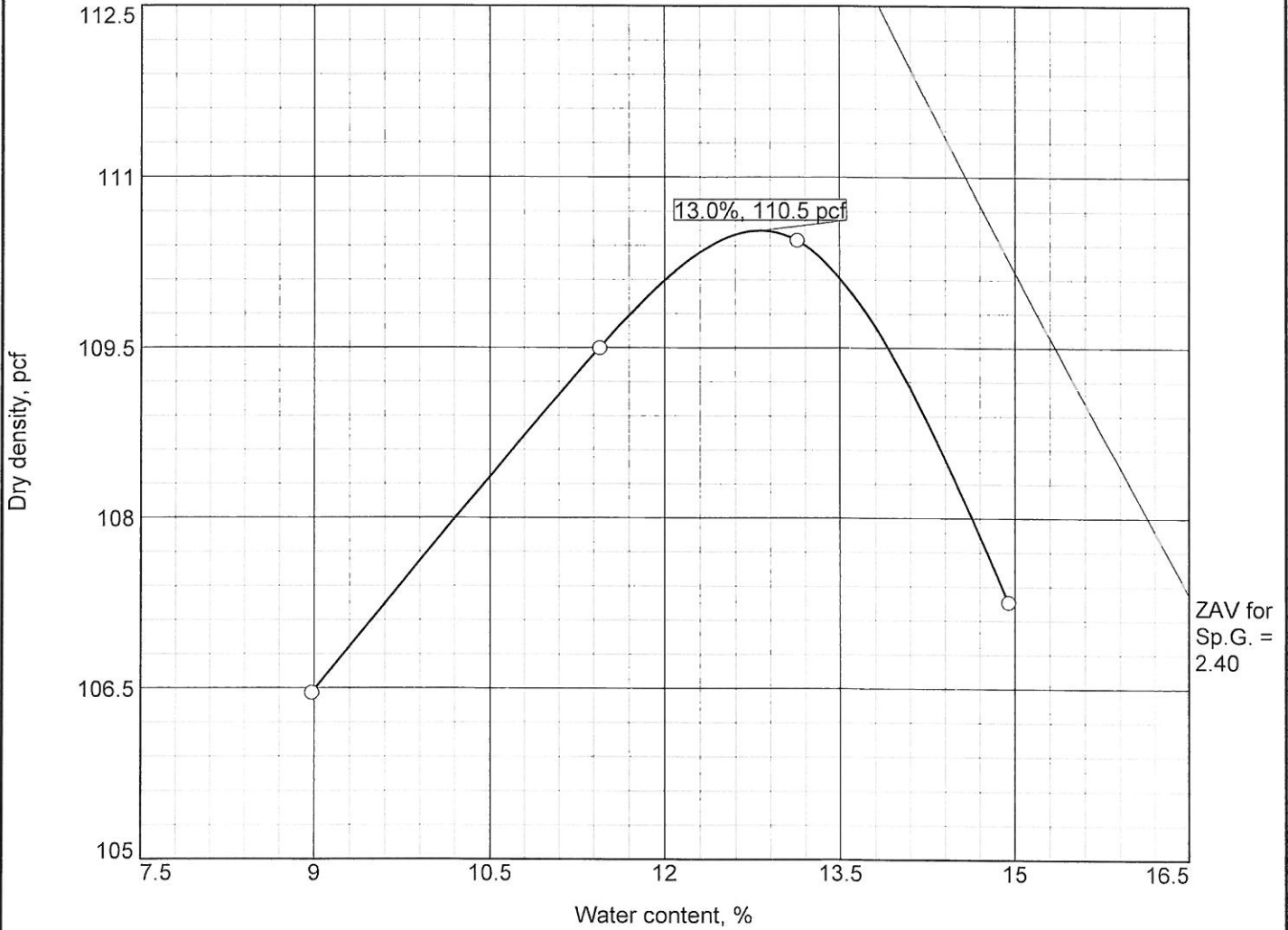
Jon A. Del Santo, PE  
Project Manager  
RE Number 17094  
Expiration Date 12-31-10  
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SLV:JAD:jwl  
Enclosure

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# COMPACTION TEST REPORT



Test specification: ASTM D 1557-07 Method A Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
							1.4	13.9

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 110.5 pcf Optimum moisture = 13.0 %	FILL SAND RILITE PIT

<b>Project No.</b> 1009 <b>Client:</b> RILITE AGGREGATES <b>Project:</b> AGGREGATE QUALITY TESTING  <input type="checkbox"/> <b>Location:</b> PLANT STOCKPILE <b>Sample Number:</b> 24739	<b>Remarks:</b> RECEIVED ON 10/1/2009
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Figure

**Tested By:** M. MAGEE      **Checked By:** S. VINEIS