



# WOOD RODGERS

October 18, 2023  
Project No. 2892.040

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

## RE: Venice Way Quarry – Type 2, Class B Aggregate Base Course

Dear Mr. Jones:

Per your request, we have performed testing on the Type 2, Class B aggregate base course delivered to our laboratory from the Venice Way Quarry. Test results in comparison with local standard specifications are as follows:

Sieve Size Analysis (ASTM C117/C136)		
U.S. Standard Sieve Size	Percent By Weight Passing	
	Venice Way Quarry	Local Standard Specifications*
1 Inch	100	100
¾ Inch	99	90 – 100
½ Inch	82	–
⅜ Inch	72	–
No. 4	43	35 – 65
No. 10	22	–
No. 16	16	15 – 40
No. 40	9	–
No. 100	6	–
No. 200	4.7	2 – 10

Fractured Faces (Nev. T230)	
Venice Way Quarry	Local Standard Specifications*
100%	35% Minimum

Atterberg Limits (ASTM D4318)		
	Venice Way Quarry	Local Standard Specifications*
Liquid Limit	No Value	35 Maximum
Plasticity Index	Nonplastic	6 Maximum

R-Value (ASTM D2844)	
Venice Way Quarry	Local Standard Specifications*
72	70 Minimum

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October 18, 2023  
Page 2 of 2

Resistance to Degradation (ASTM C131)		
	Venice Way Quarry	Local Standard Specifications*
Percent Loss After 500 Revolutions (Grading B)	18%	45% Maximum

\*Standard Specifications for Public Works Construction (Washoe County, Sparks, Reno, Carson City and Douglas County) 2012 and NDOT Standard Specifications for Road and Bridge Construction, 2014.

Moisture Density (ASTM D1557C)	
Maximum Dry Density	127.2 PCF
Optimum Moisture	10.8 %

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

Sincerely,

WOOD RODGERS, INCORPORATED



Wheeler Musnicki  
Assistant Lab Manager

Mischelle J. Smith, PE  
Senior Engineer  
RE No. 6972  
Expires 6/30/24

