



WOOD RODGERS

June 19, 2023
Project No. 2892040

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

RE: Venice Way Quarry – Class A Backfill

Dear Mr. Jones:

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

Sieve Size Analysis (ASTM C136/C117)		
U.S. Standard Sieve Size	Percent By Weight Passing	
	Venice Way Quarry	SSPWC* Specifications
3/8 Inch	100	100
No. 4	90	90 – 100
No. 8	53	–
No. 16	34	–
No. 30	27	–
No. 50	23	10 – 40
No. 100	19	3 – 20
No. 200	15.0	0 – 15

Atterberg Limits (ASTM D4318)		
	Venice Way Quarry	SSPWC* Specifications
Plasticity Index	5	6 Maximum

Moisture Density (ASTM D1557)	
Maximum Dry Density	123.0 PCF
Optimum Moisture	11.3 %

*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, 2012.

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

