



WOOD RODGERS

December 5, 2022
Project No. 2892.040

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

RE: Blasted Rock Quarry – Class 2 Aggregate Base Course

Dear Mr. Jones:

Per your request, we have performed testing on the Class 2 Aggregate Base Course delivered to our laboratory from the Blasted Rock Quarry. Test results in comparison with section 26-1 Specifications of the 2018 Caltrans Standard Specifications are as follows:

Sieve Size Analysis (CT 202)		
U.S. Standard Sieve Size	Percent by Weight Passing	
	Blasted Rock Quarry	Caltrans Specifications
1 Inch	100	100
¾ Inch	100	87 – 100
½ Inch	89	--
⅜ Inch	78	--
No. 4	54	30 – 65
No. 8	40	--
No. 16	30	--
No. 30	24	5 – 35
No. 50	19	--
No. 100	15	--
No. 200	12.0	0 – 12

Durability Index (CT 229)	
Blasted Rock Quarry (Coarse/Fine)	Caltrans Specifications
36	35 Minimum

Sand Equivalent (CT 217)	
Blasted Rock Quarry (Fine Portion)	Caltrans Specifications
35	22 Minimum

R-Value (CT 301)	
Blasted Rock Quarry	Caltrans Specifications
83	78 Minimum



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Moisture Density (ASTM D1557C)	
Maximum Dry Density	125.2 PCF
Optimum Moisture	11.5 %

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
Wheeler Musnicki
Laboratory Supervisor

No. GE 2892
Exp. 03/31/23
Michelle J. Smith, PE
Associate
Ge. No. 2892
Expires 03/31/2023