



May 1, 2023
 Project No. 2892.040

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

RE: Venice Way Quarry – Rock for Rockeries

Dear Mr. Jones:

Per your request, we have performed testing on the rock for rockeries delivered to our laboratory from the Venice Way Quarry. Test results in comparison with Federal Highway Administration (FHWA, 2006): *Rockery Design and Construction Guidelines* and Typical Standard Specifications are as follows:

| Test | FHWA | | | Typical Standard Specifications | | |
|---|--------|---------|---------|---------------------------------|---------|---------|
| | Method | Results | Spec. | Method | Results | Spec. |
| Apparent Specific Gravity | T85 | 2.635 | 2.5 Min | C127 | 2.63 | 2.5 Min |
| Absorption (%) | T85 | 3.7 | 4.2 Max | C127 | 3.7 | 4 Max |
| Coarse Durability Index | T210 | 82 | 50 Min | D3744 | 82 | 52 Min |
| Los Angeles Abrasion 500 Rev. Grading B, (%) | T96 | 24 | 40 Max | C131 | 24 | 45 Max |
| Sodium Sulfate Soundness (%) | T104 | 4 | 10 Max | --- | --- | --- |

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
 Assistant Lab Manager

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



5/1/23