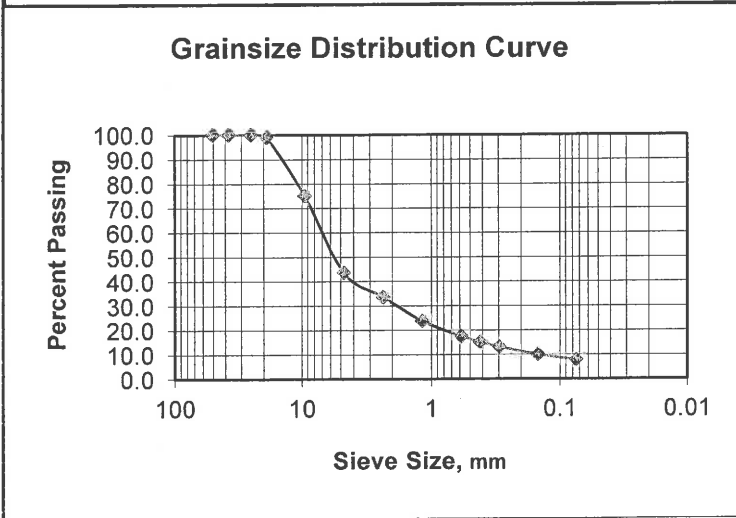
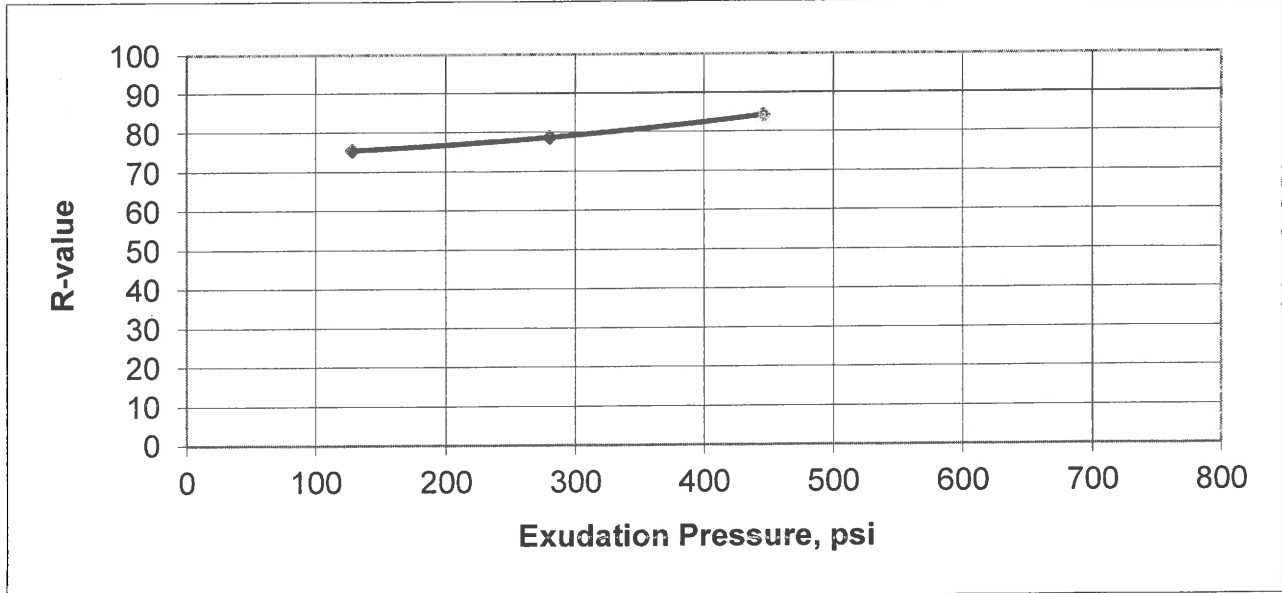




Class 2 Specification Tests for Baserock

Job No.: 384-963 **Sample #:** 6499 **Date:** 8/21/2019
Client: Stevens Creek Quarry **Source:** **By:** PJ
Project: Class 2 AB Native w/ Lime **Material:** Gray Well-Graded GRAVEL w/ Slit & Sand
Project No.: 6499 **Remarks:**

| Exud. (psi) | R-value | MC, % | Dens. PCF | Tests: | Results | Min. Spec. |
|-------------|---------|-------|-----------|---------------------------|---------|------------|
| 128 | 75 | 9.0 | 140.2 | R-value by Stabilometer : | 79 | 78 |
| 280 | 79 | 7.5 | 139.0 | Coarse Durability: | 53 | 35 |
| 446 | 84 | 7.0 | 135.8 | Fine Durability: | 29 | 35 |
| | | | | Sand Equivalent: | 27 | 25 |



| Gradation | | | |
|-----------|-----------|--------------|------------|
| | | 3/4" Maximum | |
| Sieve # | % Passing | Operating | Compliance |
| 2" | 100.0 | | |
| 1.5" | 100.0 | | (see note) |
| 1.0" | 100.0 | 100 | 100 |
| 3/4" | 99.1 | 90-100 | 87-100 |
| 3/8" | 75.1 | | |
| #4 | 43.7 | 35-60 | 30-65 |
| #8 | 33.7 | | |
| #16 | 23.8 | | |
| #30 | 17.5 | 10-30 | 5-35 |
| #40 | 15.2 | | |
| #50 | 13.1 | | |
| #100 | 10.0 | | |
| #200 | 7.8 | 2-9 | 0-12 |

Note: Per the Caltrans Standard Specifications Section 26-1.02A "If the results of either or both the aggregate grading and Sand Equivalent tests do not meet the requirements specified for "Operating Range" but meet the "Contract Compliance" requirements, placement of the aggregate base may be continued for the remainder of the day. However, another day's work may not be started until tests, or other information, indicate to the satisfaction of the Engineer that the next material to be used in the work will comply with the requirements specified for "Operating Range". (This information is noted for the clients convenience. It in no way implies a recommendation by Cooper Testing Labs, Inc.)



L.A. Abrasion

ASTM C131
CTM 211

CTL Job No.: 384-963 **Boring:** _____ **Date:** 8/22/2019
Client: SCQ **Sample:** 6499 **By:** PJ
Project Name: Class 2 AB Native w/ Lime **Depth:** _____
Project No: 6499
Visual Description: Gray Well-Graded GRAVEL w/ Silt & Sand

| As Received Gradation: | | Size | Weight of indicated sizes (g) | | | |
|------------------------|-----------|--------------------------|-------------------------------|-----------|-----------|-----------|
| | | | Grading | | | |
| Sieve | % Passing | | A | B | C | D |
| 1.5" | 100.0 | 1 1/2" x 1" | 1250 ± 25 | - | - | - |
| 3/4" | 99.1 | 1" x 3/4" | 1250 ± 25 | - | - | - |
| 3/8" | 75.1 | 3/4" x 1/2" | 1250 ± 25 | 2500 ± 10 | - | - |
| #4 | 43.7 | 1/2" x 3/8" | 1250 ± 25 | 2500 ± 10 | - | - |
| #8 | 33.7 | 3/8" x 1/4" | - | - | 2500 ± 10 | - |
| | | 1/4" x #4 | - | - | 2500 ± 10 | - |
| | | #4 x #8 | - | - | - | 5000 ± 10 |
| | | Total | 5000 ± 10 | 5000 ± 10 | 5000 ± 10 | 5000 ± 10 |
| | | % of Sample | 24.9 | 24.0 | 31.4 | 10 |
| | | Number of spheres | 12 | 11 | 8 | 6 |
| | | Wt of charge (g) | 5000 ± 25 | 4584 ± 25 | 3330 ± 20 | 2500 ± 15 |

| | |
|---------------|---|
| Grading Used: | C |
|---------------|---|

| | |
|---------------------------|--------|
| Tare # | |
| Tare Weight (g) | 0 |
| Initial Weight + Tare (g) | 5002.2 |
| Final Weight + Tare (g) | 4339.4 |

| | |
|-------------------------------------|-------------|
| % Loss after 500 revolutions | 13.3 |
|-------------------------------------|-------------|

Remarks: