

5/8/2021  
Dunn Construction, LC  
426 East 1750 North, Unit F  
Vineyard Utah, 84059

**Gradation - PitRun**

AASHTO: T-27, T-11

**Project No** 014293  
**Client Reference No**  
**Barcode** Bucket B - 5/4  
**Material Source** Crushing  
**Material Description** Crushed rock / native - e-fill  
**Project** Dunn Pit Materials Testing - 14293  
**Location Detail**

**Date Tested** 5/6/2021  
**Sample Rec. Date** 5/4/2021  
**Date Sampled** 5/4/2021  
**Sampled By** Client

| Sieve Size                 | Size MM | Cu. Wt. Retained | Indiv Wt Retained | Indiv % Retained | Cumulative Percent Retained | Cumulative Percent Passing | Spec Min%                   | Spec Max% | Pass Fail |
|----------------------------|---------|------------------|-------------------|------------------|-----------------------------|----------------------------|-----------------------------|-----------|-----------|
| 4"                         | 101.6   |                  |                   |                  | 0.0                         | 100                        |                             |           |           |
| 3"                         | 76.2    |                  |                   | 0.0 %            | 0.0                         | 100                        |                             |           |           |
| 2-1/2"                     | 63.5    |                  | 1,123.9           | 3.2 %            | 3.2                         | 97                         |                             |           |           |
| 2"                         | 50.8    |                  | 1,200.6           | 3.5 %            | 6.7                         | 93                         |                             |           |           |
| 1-1/2"                     | 38.1    |                  | 444.0             | 1.3 %            | 8.0                         | 92                         |                             |           |           |
| 1"                         | 25.4    |                  | 3,565.8           | 10.3 %           | 18.2                        | 82                         |                             |           |           |
| 3/4"                       | 19.05   |                  | 2,757.4           | 7.9 %            | 26.1                        | 74                         |                             |           |           |
| 1/2"                       | 12.7    |                  | 3,529.5           | 10.1 %           | 36.3                        | 64                         |                             |           |           |
| 3/8"                       | 9.525   |                  | 1,990.7           | 5.7 %            | 42.0                        | 58                         |                             |           |           |
| No. 4                      | 4.75    |                  | 5,294.3           | 15.2 %           | 57.2                        | 43                         |                             |           |           |
| <b>Total Sample Wt</b>     |         | 34,785.9         |                   |                  |                             |                            |                             |           |           |
| No. 10                     | 2       |                  | 140.9             | 24.6 %           | 24.6                        | 32                         |                             |           |           |
| No. 16                     | 1.18    |                  | 53.0              | 9.3 %            | 33.9                        | 28                         |                             |           |           |
| No. 40                     | 0.425   |                  | 67.9              | 11.9 %           | 45.7                        | 23                         |                             |           |           |
| No. 100                    | 0.15    |                  | 62.2              | 10.9 %           | 56.6                        | 19                         |                             |           |           |
| No. 200                    | 0.075   |                  | 75.0              | 13.1 %           | 69.7                        | 13                         |                             |           |           |
| Fine Grading Only:         |         |                  |                   |                  |                             |                            | <b>AASHTO: T-89, T-90</b>   |           |           |
| Wet Original Wt. 578.2     |         |                  |                   |                  |                             |                            | Liquid Limit                |           |           |
| Dry Original Wt. 572.8     |         |                  |                   |                  |                             |                            | Plastic Limit               |           |           |
| Washed Wt. 417.0           |         |                  |                   |                  |                             |                            | Plasticity Index            |           |           |
| - No. 200 Washed Out 155.8 |         |                  |                   |                  |                             |                            |                             |           |           |
| - No.200 Sieved Out 17.6   |         |                  |                   |                  |                             |                            | <b>AASHTO: T-255, T-265</b> |           |           |
| Total - No.200 173.4       |         |                  |                   |                  |                             |                            | Moisture 0.9 %              |           |           |
|                            |         |                  |                   |                  |                             |                            | = 30.3 %                    |           |           |

**Remarks**

**Technician** Christophe Brosson  
Digital Signature By User Login

**Manager** Susan Arnold  
Digital Signature By User Login

Test results relate only to the sample tested. This test report shall not be reproduced, except in full, without the prior written approval of CMT West Valley Main Office. Lab Address: 496 East 1750 North, Suite B Vineyard Utah, 84057

**System Link** <http://cmt-data.com/assignments/50A6E5D0-922C-4D58-6A09-31B19320A1B9>

**System Path** Dunn Pit Materials Testing - 14293 / SOILS - FIELD AND LAB TESTING / Sieve Bucket B - 5/4