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|--|--------------------------------------|---|------------------------------------|---|---------------------|---|---------------------------------|
| <div>Granularmetric Report</div> <div>Depths and elevations based on measured values</div> | | | | <div> APTIM 6401 Congress Avenue, Suite 140 Boca Raton, FL 33487 ph (561) 391-8102</div> | | | |
| Project Name: Dauphin Island Supplemental Investigation | | | | | | | |
| Sample Name: DIVC-22-02 #1 | | | | | | | |
| Analysis Date: 01-24-22 | | | | | | | |
| Analyzed By: SF | | | | | | | |
| Easting (ft): <div>1,788,452</div> | | Northing (ft): <div>64,303</div> | | Coordinate System: <div>Alabama State Plane West</div> | | Elevation (ft): <div>-21.3 NAVD 88</div> | |
| USCS: <div>SP</div> | | Munsell: <div>Wet - 2.5Y-6/2 Dry - 2.5Y-7/2 Washed - 2.5Y-8/1</div> | | Comments: | | | |
| Dry Weight (g): <div>96.80</div> | Wash Weight (g): <div>95.71</div> | Pan Retained (g): <div>0.00</div> | Sieve Loss (%): <div>0.02</div> | Fines (%): <div>#200 - 1.16 #230 - 1.15</div> | Organics (%): | Carbonates (%): <div>1</div> | Shell Hash (%): <div>5</div> |
| Sieve Number | Sieve Size (Phi) | Sieve Size (Millimeters) | Grams Retained | % Weight Retained | Cum. Grams Retained | C. % Weight Retained | |
| 3/4" | -4.25 | 19.03 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5/8" | -4.00 | 16.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7/16" | -3.50 | 11.31 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5/16" | -3.00 | 8.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3.5 | -2.50 | 5.66 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4 | -2.25 | 4.76 | 0.01 | 0.01 | 0.01 | 0.01 | |
| 5 | -2.00 | 4.00 | 0.00 | 0.00 | 0.01 | 0.01 | |
| 7 | -1.50 | 2.83 | 0.02 | 0.02 | 0.03 | 0.03 | |
| 10 | -1.00 | 2.00 | 0.02 | 0.02 | 0.05 | 0.05 | |
| 14 | -0.50 | 1.41 | 0.08 | 0.08 | 0.13 | 0.13 | |
| 18 | 0.00 | 1.00 | 0.13 | 0.13 | 0.26 | 0.26 | |
| 25 | 0.50 | 0.71 | 0.31 | 0.32 | 0.57 | 0.58 | |
| 35 | 1.00 | 0.50 | 2.11 | 2.18 | 2.68 | 2.76 | |
| 45 | 1.50 | 0.35 | 10.19 | 10.53 | 12.87 | 13.29 | |
| 60 | 2.00 | 0.25 | 36.48 | 37.69 | 49.35 | 50.98 | |
| 80 | 2.50 | 0.18 | 34.43 | 35.57 | 83.78 | 86.55 | |
| 120 | 3.00 | 0.13 | 11.44 | 11.82 | 95.22 | 98.37 | |
| 170 | 3.50 | 0.09 | 0.45 | 0.46 | 95.67 | 98.83 | |
| 200 | 3.75 | 0.07 | 0.01 | 0.01 | 95.68 | 98.84 | |
| 230 | 4.00 | 0.06 | 0.01 | 0.01 | 95.69 | 98.85 | |
| | | | | | | | |
| Phi 5 | Phi 16 | Phi 25 | Phi 50 | Phi 75 | Phi 84 | Phi 95 | |
| 2.86 | 2.46 | 2.34 | 1.99 | 1.66 | 1.54 | 1.11 | |
| Moment | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis | | |
| Statistics | 1.97 | 0.26 | 0.5 | -0.68 | 5.76 | | |