

The testing data you are about to view is provided for informational purposes only. No warranty is expressed or implied regarding the characteristics of these products. The gradation of the products and their physical / mineralogical properties may vary over time. The test results represent measured properties from typical samples, and should not be used for engineering design. Samples of the materials are available upon request for additional independent confirmation.

The percent moisture data viewed below pertains specifically to the Standard Proctor test for purposes of characterizing moisture-density relationships, and does not represent water contents of products purchased from the mine.

PROCTOR SUMMARY LOG

| | Moisture (%) | Dry Density (pcf) |
|---------|--------------|-------------------|
| Point 1 | 12.4 | 96.6 |
| Point 2 | 14.9 | 97.1 |
| Point 3 | 17.6 | 98.0 |
| Point 4 | 21.0 | 92.2 |

SUMMARY OF TEST RESULTS

| Standard Proctor Test | ASTM | D-698 |
|-----------------------------|------|-------|
| Maximum Dry Density (pcf) | | 98 |
| Optimum Water Content (%) | | 18 |
| Unified Soil Classification | | SP |
| Lab No. | | 9600 |



Sample Location:
Greenbay Sand Mine - Mason Sand

Sample Description:
Gray-white fine-medium SAND

Percent #4 0.0
Percent #200 0.6

| | | |
|--|-------|--|
| MOISTURE - DENSITY RELATIONSHIP | | |
| E.R. Jahna Industries, Inc. Greenbay Sand Mine - Mason Sand | | |
| DE&T | | DUNKELBERGER ENGINEERING & TESTING, INC. Geotechnical - Materials Testing/Inspection - Environmental |
| Tested By: LDJ | Date: | Project No.: SAR-07-665 |
| Checked By: DR | Date: | Sheet No.: 1 of 1 |