

GRADATION ANALYSIS REPORT  
VERO BEACH

SAMPLE TYPE: CLASSIFICATION  
NAME: FBK  
DATE: DECEMBER 1988

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LINE NO. R82  
SAMPLE ELEVATION +12.0  
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USCS  
DESCRIPTION  
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DRY SAMPLE WT. (GRAMS) 1013.30  
SAMPLE WEIGHT AFTER WASH 1000.00  
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| SIEVE<br>SIZE | PHI<br>SIZE | MESH<br>SIZE (mm) | GRAMS  | %RET. | %PASS |
|---------------|-------------|-------------------|--------|-------|-------|
| 5             | -2.00       | 4.0               | 21.45  | 2.12  | 97.88 |
| 7             | -1.50       | 2.8               | 48.98  | 4.83  | 95.17 |
| 10            | -1.00       | 2.0               | 129.35 | 12.77 | 87.23 |
| 14            | -0.50       | 1.4               | 229.15 | 22.61 | 77.39 |
| 18            | 0.00        | 1.0               | 349.25 | 34.47 | 65.53 |
| 25            | 0.50        | 0.71              | 517.05 | 51.03 | 48.97 |
| 35            | 1.00        | 0.5               | 807.10 | 79.65 | 20.35 |
| 45            | 1.50        | 0.355             | 965.85 | 95.32 | 4.68  |
| 60            | 2.00        | 0.25              | 989.85 | 97.69 | 2.31  |
| 80            | 2.50        | 0.18              | 993.51 | 98.05 | 1.95  |
| 120           | 3.00        | 0.125             | 995.52 | 98.25 | 1.75  |
| 170           | 3.50        | 0.09              | 996.64 | 98.36 | 1.64  |
| 200           | 3.75        | 0.075             | 997.45 | 98.44 | 1.56  |
| 230           | 4.00        | 0.063             | 997.67 | 99.11 | .89   |
| PAN           |             |                   | 998.02 | 99.15 | .85   |

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|---------------|-------|-------------|-------|
| SIEVE LOSS    | 1.98  | MEDIAN (mm) | .728  |
| WT. AVE. (mm) | .911  | MEAN (mm)   | .910  |
| SILT/CLAY %   | 1.37  | SORTING     | .986  |
| PHI(16)       | -.850 | PHI(84)     | 1.121 |