

GRADATION ANALYSIS REPORT
VERO BEACH

SAMPLE TYPE: CLASSIFICATION
NAME: FBK
DATE: DECEMBER 1988

LINE NO. R82
SAMPLE ELEVATION +9.0

USCS
DESCRIPTION

DRY SAMPLE WT. (GRAMS) 423.58
SAMPLE WEIGHT AFTER WASH 419.63

| SIEVE SIZE | PHI SIZE | MESH SIZE (mm) | GRAMS | %RET. | %PASS |
|---------------|-------------|-------------------|--------|-------|-------|
| 5 | -2.00 | 4.0 | 20.25 | 4.78 | 95.22 |
| 7 | -1.50 | 2.8 | 26.04 | 6.15 | 93.85 |
| 10 | -1.00 | 2.0 | 32.21 | 7.60 | 92.40 |
| 14 | -0.50 | 1.4 | 36.21 | 8.55 | 91.45 |
| 18 | 0.00 | 1.0 | 41.55 | 9.81 | 90.19 |
| 25 | 0.50 | 0.71 | 51.62 | 12.19 | 87.81 |
| 35 | 1.00 | 0.5 | 98.01 | 23.14 | 76.86 |
| 45 | 1.50 | 0.355 | 307.31 | 72.55 | 27.45 |
| 60 | 2.00 | 0.25 | 360.26 | 85.05 | 14.95 |
| 80 | 2.50 | 0.18 | 392.87 | 92.75 | 7.25 |
| 120 | 3.00 | 0.125 | 414.53 | 97.86 | 2.14 |
| 170 | 3.50 | 0.09 | 417.54 | 98.57 | 1.43 |
| 200 | 3.75 | 0.075 | 417.62 | 98.59 | 1.41 |
| 230 | 4.00 | 0.063 | 417.77 | 99.09 | .91 |
| PAN | | | 417.91 | 99.13 | .87 |

| | | | |
|---------------|------|-------------|-------|
| SIEVE LOSS | 1.72 | MEDIAN (mm) | .421 |
| WT. AVE. (mm) | .589 | MEAN (mm) | .406 |
| SILT/CLAY % | 1.00 | SORTING | .650 |
| PHI(16) | .651 | PHI(84) | 1.950 |