

Sediment Analysis Data Sheet

Sample 3G

| Sieve | Size (mm) | Phi size | Wt | Wt % | Cuml % | Folk | Statistics | |
|-------|--------------|-------------|-------|---------|-----------|-------------------|------------|------|
| | | | | | | | phi | mm |
| 5/8 | 16.00 | -4.00 | 0.00 | 0.00 | 0.00 | | | |
| 1/2 | 11.31 | -3.50 | 0.00 | 0.00 | 0.00 | | | |
| 5/16 | 8.00 | -3.00 | 0.00 | 0.00 | 0.00 | | | |
| 1/4 | 5.66 | -2.50 | 0.00 | 0.00 | 0.00 | 5% : | 0.83 | 0.56 |
| 5 | 4.00 | -2.00 | 0.00 | 0.00 | 0.00 | 16% : | 1.18 | 0.44 |
| 7 | 2.83 | -1.50 | 0.03 | 0.07 | 0.07 | 25% : | 1.35 | 0.39 |
| 10 | 2.00 | -1.00 | 0.05 | 0.11 | 0.18 | 50% : | 1.66 | 0.32 |
| 14 | 1.41 | -0.50 | 0.04 | 0.09 | 0.26 | 75% : | 1.90 | 0.27 |
| 18 | 1.00 | 0.00 | 0.14 | 0.30 | 0.56 | 84% : | 1.99 | 0.25 |
| 25 | 0.71 | 0.50 | 0.83 | 1.72 | 2.28 | 95% : | 2.36 | 0.20 |
| 35 | 0.50 | 1.00 | 1.99 | 4.13 | 6.41 | | | |
| 45 | 0.35 | 1.50 | 12.96 | 26.88 | 33.29 | Med. | 1.66 | 0.32 |
| 60 | 0.25 | 2.00 | 24.97 | 51.81 | 85.11 | Mean | 1.61 | 0.33 |
| 80 | 0.18 | 2.50 | 6.70 | 13.90 | 99.01 | St Dev. | 0.43 | |
| 120 | 0.13 | 3.00 | 0.27 | 0.56 | 99.57 | Skew | -0.14 | |
| 170 | 0.09 | 3.50 | 0.01 | 0.02 | 99.59 | Kurt. | 1.12 | |
| 200 | 0.07 | 3.75 | 0.00 | 0.00 | 99.59 | | | |
| 230 | 0.06 | 4.00 | 0.00 | 0.00 | 99.59 | | | |
| Pan | | | 0.00 | 0.01 | 99.60 | | | |
| Total | | | 48.00 | 99.60 | 99.60 | | | |
| | | | | | | Moment Statistics | | |
| | | | | | | | Phi | mm |
| Cu = | 1.53 | Gravel | | | 0 | Mean | 1.61 | 0.33 |
| | | Coarse Sand | | | 0 | St. Dev. | 0.45 | 0.73 |
| | | Med. Sand | | | 20 | Skewness | -1.26 | |
| Cc = | 1.02 | Fine Sand | | | 80 | Kurtosis | 8.20 | |
| | | Silt/Clay | | | 0 | | | |