

SIEVING ERROR: 0,1%

**SAMPLE STATISTICS**

SAMPLE IDENTITY: **Costa Daurada** ANALYST & DATE: CIIRC, 07-03-08

SAMPLE TYPE: Bimodal, Well Sorted TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

|                                       | $\mu\text{m}$ | $\phi$ | GRAIN SIZE DISTRIBUTION |                     |  |  |
|---------------------------------------|---------------|--------|-------------------------|---------------------|--|--|
| MODE 1:                               | 655,0         | 0,616  | GRAVEL: 0,0%            | COARSE SAND: 38,2%  |  |  |
| MODE 2:                               | 390,0         | 1,364  | SAND: 100,0%            | MEDIUM SAND: 56,8%  |  |  |
| MODE 3:                               |               |        | MUD: 0,0%               | FINE SAND: 5,0%     |  |  |
| D <sub>10</sub> :                     | 283,7         | 0,603  | V COARSE GRAVEL: 0,0%   | V COARSE SILT: 0,0% |  |  |
| MEDIAN or D <sub>50</sub> :           | 443,4         | 1,173  | COARSE GRAVEL: 0,0%     | COARSE SILT: 0,0%   |  |  |
| D <sub>90</sub> :                     | 658,2         | 1,817  | MEDIUM GRAVEL: 0,0%     | MEDIUM SILT: 0,0%   |  |  |
| (D <sub>90</sub> / D <sub>10</sub> ): | 2,320         | 3,012  | FINE GRAVEL: 0,0%       | FINE SILT: 0,0%     |  |  |
| (D <sub>90</sub> - D <sub>10</sub> ): | 374,4         | 1,214  | V FINE GRAVEL: 0,0%     | V FINE SILT: 0,0%   |  |  |
| (D <sub>75</sub> / D <sub>25</sub> ): | 1,667         | 1,942  | V COARSE SAND: 0,0%     | CLAY: 0,0%          |  |  |
| (D <sub>75</sub> - D <sub>25</sub> ): | 232,6         | 0,738  |                         |                     |  |  |

  

|                       | METHOD OF MOMENTS           |                            |                       | FOLK & WARD METHOD         |                       |             |
|-----------------------|-----------------------------|----------------------------|-----------------------|----------------------------|-----------------------|-------------|
|                       | Arithmetic<br>$\mu\text{m}$ | Geometric<br>$\mu\text{m}$ | Logarithmic<br>$\phi$ | Geometric<br>$\mu\text{m}$ | Logarithmic<br>$\phi$ | Description |
| MEAN ( $\bar{x}$ ):   | 460,0                       | 436,7                      | 1,195                 | 443,9                      | 1,172                 | Medium Sand |
| SORTING ( $\sigma$ ): | 136,8                       | 1,376                      | 0,461                 | 1,386                      | 0,471                 | Well Sorted |
| SKEWNESS ( $S_K$ ):   | 0,058                       | -0,482                     | 0,482                 | -0,068                     | 0,068                 | Symmetrical |
| KURTOSIS ( $K$ ):     | 1,879                       | 2,632                      | 2,632                 | 0,807                      | 0,807                 | Platykurtic |

