

SIEVING ERROR: 0,1%

**SAMPLE STATISTICS**

SAMPLE IDENTITY: **Eucalipto** ANALYST & DATE: CIIRC, 03-11-08

SAMPLE TYPE: Unimodal, Very Well Sorted TEXTURAL GROUP: Sand

SEDIMENT NAME: Very Well Sorted Fine Sand

|                                       | $\mu\text{m}$ |       | $\phi$ |  | GRAIN SIZE DISTRIBUTION |      |             |      |             |       |           |  |
|---------------------------------------|---------------|-------|--------|--|-------------------------|------|-------------|------|-------------|-------|-----------|--|
|                                       |               |       |        |  | GRAVEL                  |      | COARSE SAND |      | MEDIUM SAND |       | FINE SAND |  |
| MODE 1:                               | 225,0         | 2,161 |        |  | 0,0%                    | 0,0% | 0,0%        | 0,0% | 27,6%       | 71,8% |           |  |
| MODE 2:                               |               |       |        |  | 100,0%                  |      |             |      |             |       |           |  |
| MODE 3:                               |               |       |        |  | 0,0%                    |      |             |      |             |       |           |  |
| D <sub>10</sub> :                     | 165,2         | 1,791 |        |  |                         |      |             |      |             |       | 0,5%      |  |
| MEDIAN or D <sub>50</sub> :           | 225,9         | 2,146 |        |  |                         |      |             |      |             |       |           |  |
| D <sub>90</sub> :                     | 288,9         | 2,597 |        |  |                         |      |             |      |             |       |           |  |
| (D <sub>90</sub> / D <sub>10</sub> ): | 1,748         | 1,450 |        |  |                         |      |             |      |             |       |           |  |
| (D <sub>90</sub> - D <sub>10</sub> ): | 123,7         | 0,806 |        |  |                         |      |             |      |             |       |           |  |
| (D <sub>75</sub> / D <sub>25</sub> ): | 1,267         | 1,173 |        |  |                         |      |             |      |             |       |           |  |
| (D <sub>75</sub> - D <sub>25</sub> ): | 53,85         | 0,342 |        |  |                         |      |             |      |             |       |           |  |

  

|                       | METHOD OF MOMENTS |               |             | FOLK & WARD METHOD |             |                  |
|-----------------------|-------------------|---------------|-------------|--------------------|-------------|------------------|
|                       | Arithmetic        | Geometric     | Logarithmic | Geometric          | Logarithmic | Description      |
|                       | $\mu\text{m}$     | $\mu\text{m}$ | $\phi$      | $\mu\text{m}$      | $\phi$      |                  |
| MEAN ( $\bar{x}$ ):   | 228,8             | 223,0         | 2,165       | 223,7              | 2,160       | Fine Sand        |
| SORTING ( $\sigma$ ): | 44,22             | 1,226         | 0,294       | 1,233              | 0,302       | Very Well Sorted |
| SKEWNESS ( $S_K$ ):   | 0,250             | -0,915        | 0,915       | -0,098             | 0,098       | Symmetrical      |
| KURTOSIS ( $K$ ):     | 3,454             | 11,47         | 11,47       | 1,181              | 1,181       | Leptokurtic      |

