## SAMPLE STATISTICS

SIEVING ERROR: 0,4%

SAMPLE IDENTITY: **Arboçat**

ANALYST & DATE: CIIRC, 30-04-08

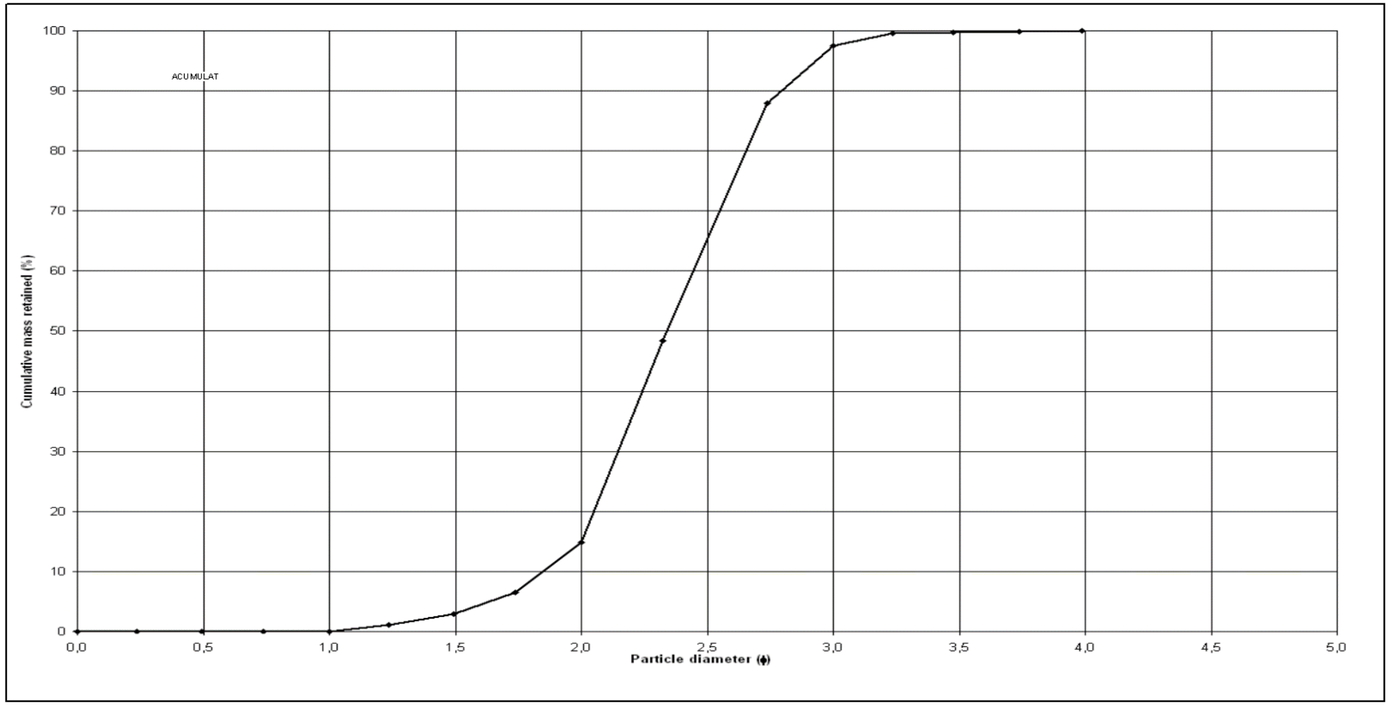
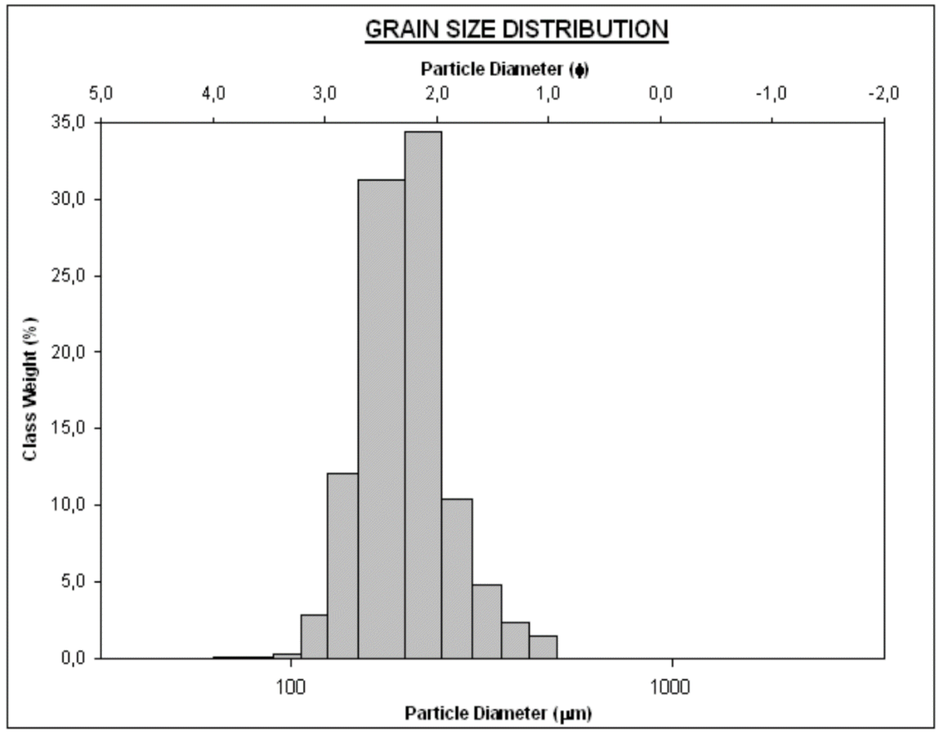
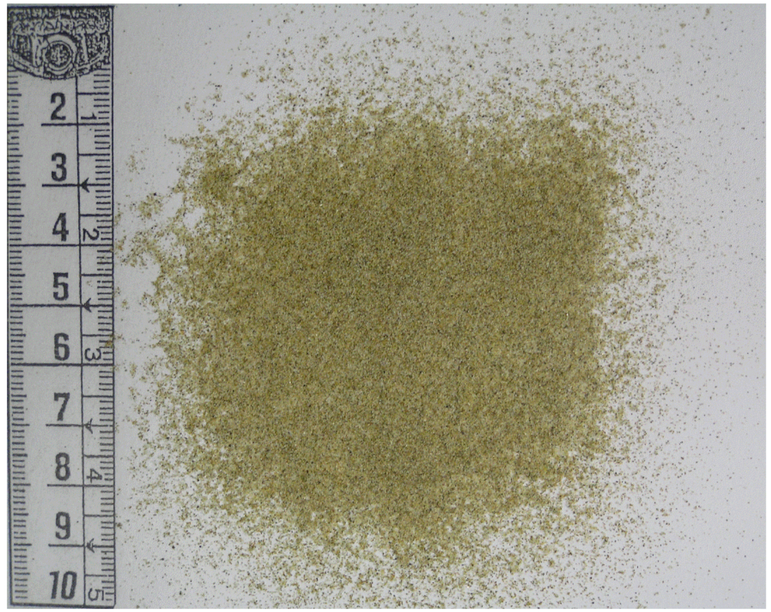
SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

| | µm | ϕ |
|---|---|---|
| MODE 1: | 225,0 | 2,161 |
| MODE 2: | | |
| MODE 3: | | |
| $D_{10}$: | 144,1 | 1,848 |
| MEDIAN or $D_{50}$: | 197,7 | 2,338 |
| $D_{90}$: | 277,8 | 2,795 |
| ($D_{90}$ / $D_{10}$): | 1,927 | 1,512 |
| ($D_{90}$ - $D_{10}$): | 133,7 | 0,947 |
| ($D_{75}$ / $D_{25}$): | 1,418 | 1,240 |
| ($D_{75}$ - $D_{25}$): | 68,91 | 0,504 |

GRAIN SIZE DISTRIBUTION

| | |
|---|---|
| GRAVEL: 0,0% | COARSE SAND: 0,0% |
| SAND: 100,0% | MEDIUM SAND: 14,8% |
| MUD: 0,0% | FINE SAND: 82,7% |
| | V FINE SAND: 2,4% |
| V COARSE GRAVEL: 0,0% | V COARSE SILT: 0,0% |
| COARSE GRAVEL: 0,0% | COARSE SILT: 0,0% |
| MEDIUM GRAVEL: 0,0% | MEDIUM SILT: 0,0% |
| FINE GRAVEL: 0,0% | FINE SILT: 0,0% |
| V FINE GRAVEL: 0,0% | V FINE SILT: 0,0% |
| V COARSE SAND: 0,0% | CLAY: 0,0% |

| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
|---|---|---|---|---|---|---|
| | Arithmetic µm | Geometric µm | Logarithmic ϕ | Geometric µm | Logarithmic ϕ | Description |
| MEAN ($\bar{x}$): | 207,4 | 198,7 | 2,332 | 196,3 | 2,349 | Fine Sand |
| SORTING ($\sigma$): | 58,61 | 1,307 | 0,386 | 1,290 | 0,367 | Well Sorted |
| SKEWNESS ($Sk$): | 1,526 | -0,292 | 0,292 | 0,020 | -0,020 | Symmetrical |
| KURTOSIS ($K$): | 6,792 | 12,00 | 12,00 | 1,053 | 1,053 | Mesokurtic |