## SAMPLE STATISTICS

SIEVING ERROR: 0,1%

SAMPLE IDENTITY: **Llafranc**

ANALYST & DATE: CIIRC, 29-04-09

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

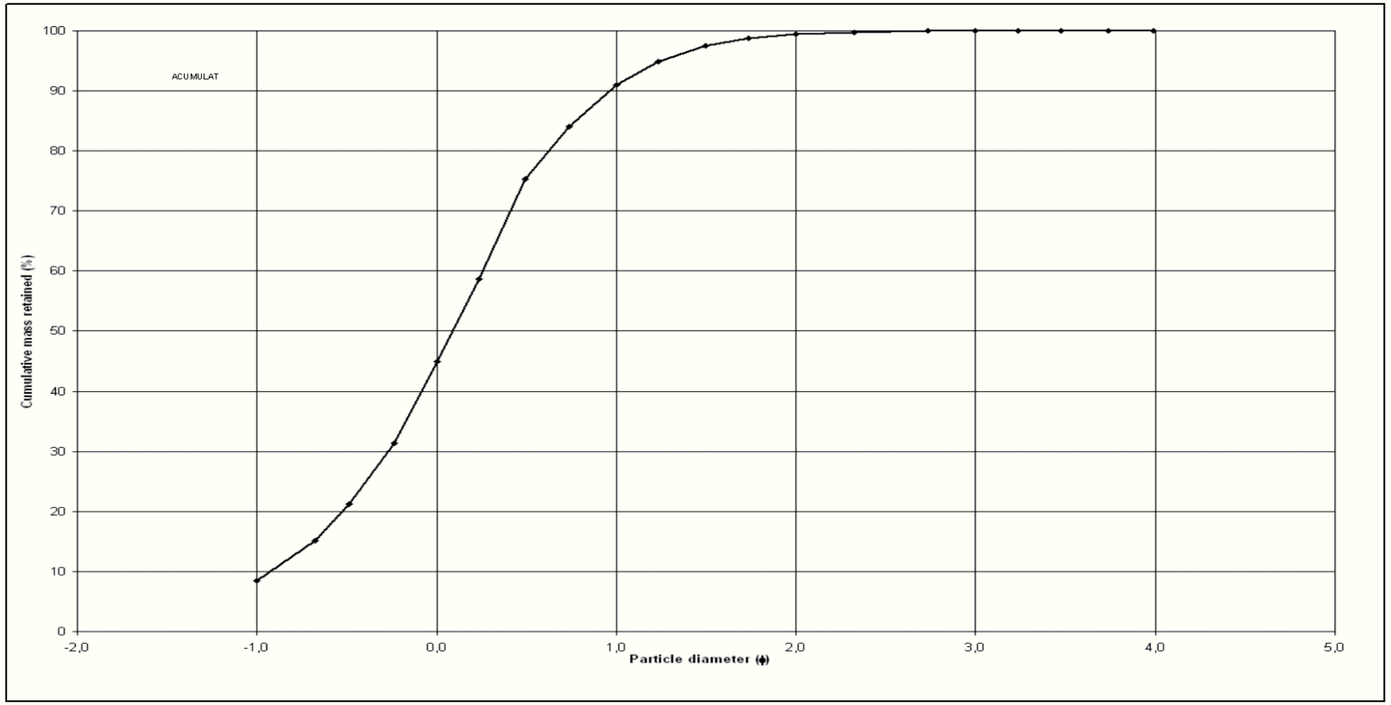
SEDIMENT NAME: Moderately Well Sorted Coarse Sand

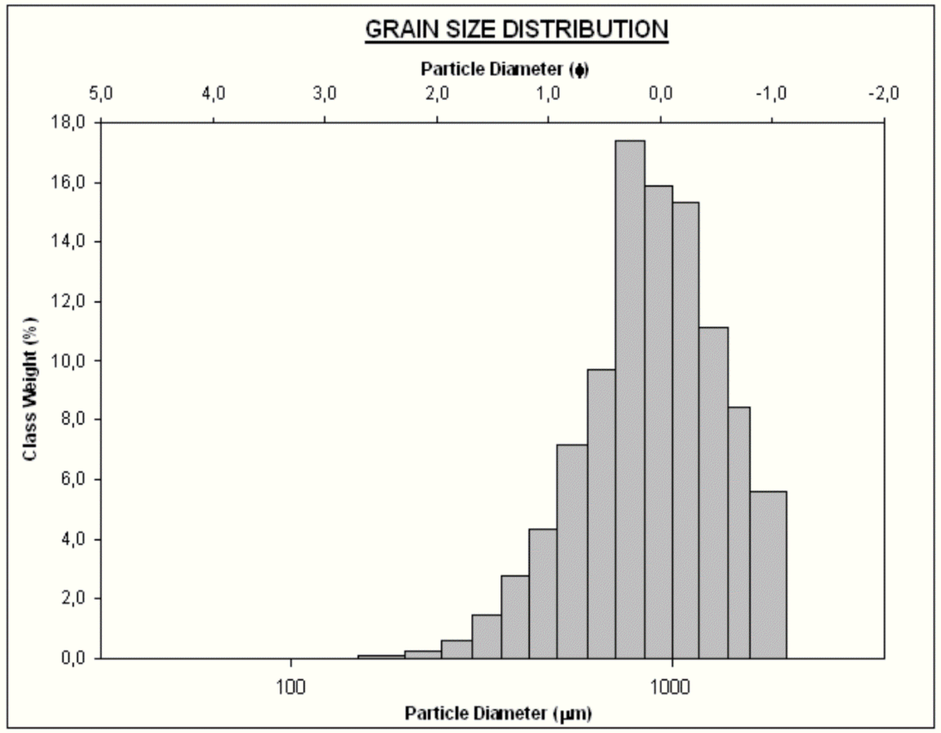
| | µm | $\phi$ |
|---|---|---|
| MODE 1: | 780,0 | 0,364 |
| MODE 2: | | |
| MODE 3: | | |
| $D_{10}$: | 513,6 | -0,927 |
| MEDIAN or $D_{50}$: | 941,3 | 0,087 |
| $D_{90}$: | 1901,1 | 0,961 |
| ($D_{90}$ / $D_{10}$): | 3,702 | -1,037 |
| ($D_{90}$ - $D_{10}$): | 1387,5 | 1,888 |
| ($D_{75}$ / $D_{25}$): | 1,843 | -1,246 |
| ($D_{75}$ - $D_{25}$): | 600,8 | 0,882 |

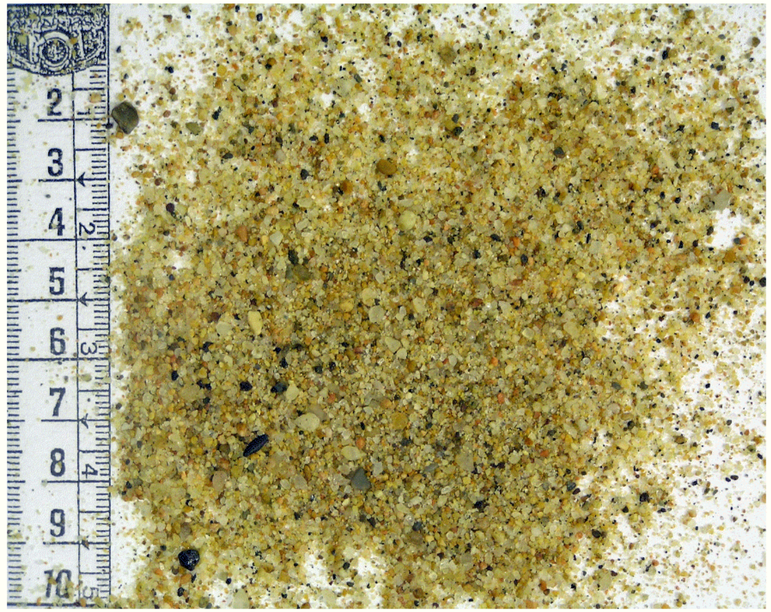
GRAIN SIZE DISTRIBUTION

| | | | |
|---|---|---|---|
| GRAVEL: | 0,0% | COARSE SAND: | 46,1% |
| SAND: | 100,0% | MEDIUM SAND: | 8,4% |
| MUD: | 0,0% | FINE SAND: | 0,5% |
| | | V FINE SAND: | 0,0% |
| 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: | 44,9% | CLAY: | 0,0% |

| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
|---|---|---|---|---|---|---|
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | µm | µm | $\phi$ | µm | $\phi$ | |
| MEAN ($\bar{x}$): | 877,2 | 493,2 | 0,175 | 961,0 | 0,057 | Coarse Sand |
| SORTING ($\sigma$): | 452,2 | 6,914 | 0,606 | 1,543 | 0,626 | Moderately Well Sorted |
| SKEWNESS ($Sk$): | 0,038 | -2,743 | 1,227 | -0,100 | 0,100 | Symmetrical |
| KURTOSIS ($K$): | 2,821 | 9,014 | 11,13 | 0,855 | 0,855 | Platykurtic |



| Girona | Baix Empordà | Palafrugell | Platja de Llafranc | Tram 18 | Codi: BEPL043 |
|---|---|---|---|---|---|