## SAMPLE STATISTICS

SIEVING ERROR: 0,0%

SAMPLE IDENTITY: **Illa Roja**

ANALYST & DATE: CIIRC, 07-05-09

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Sand

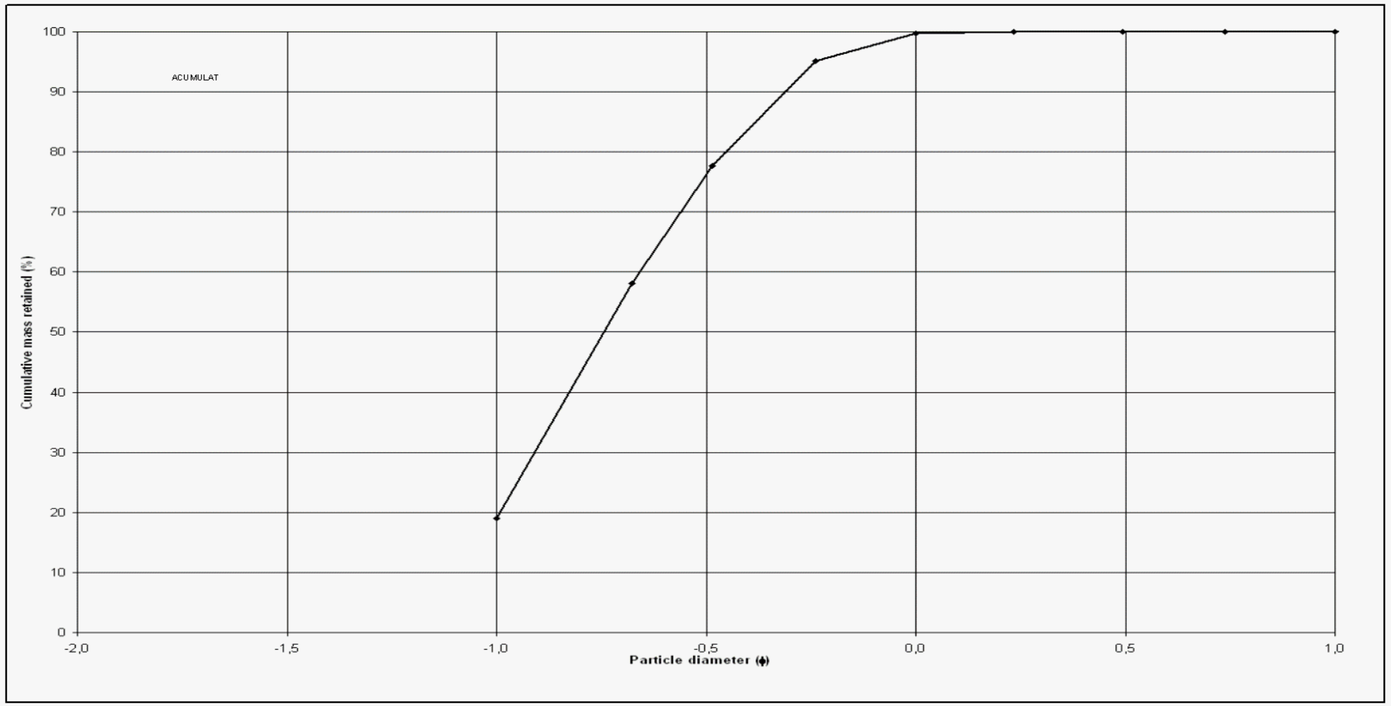
SEDIMENT NAME: Very Well Sorted Very Coarse Sand

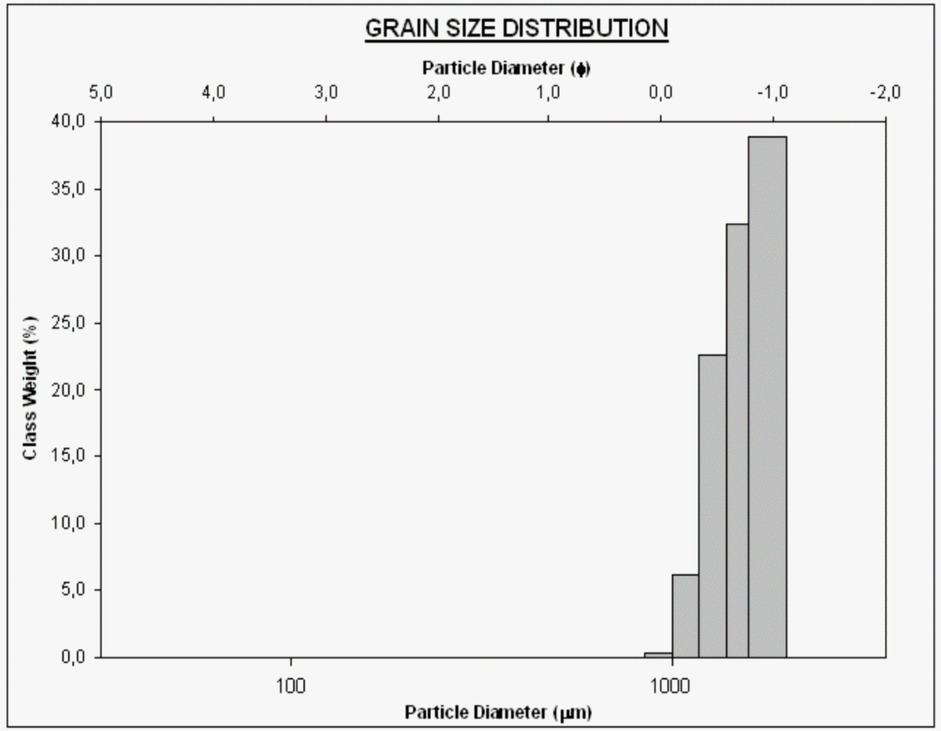
| | µm | ϕ |
|---|---|---|
| MODE 1: | 1800,0 | -0,839 |
| MODE 2: | | |
| MODE 3: | | |
| $D_{10}$: | 1240,7 | -1,079 |
| MEDIAN or $D_{50}$: | 1676,2 | -0,745 |
| $D_{90}$: | 2113,2 | -0,311 |
| ($D_{90}$ / $D_{10}$): | 1,703 | 0,288 |
| ($D_{90}$ - $D_{10}$): | 872,5 | 0,768 |
| ($D_{75}$ / $D_{25}$): | 1,356 | 0,538 |
| ($D_{75}$ - $D_{25}$): | 507,4 | 0,439 |

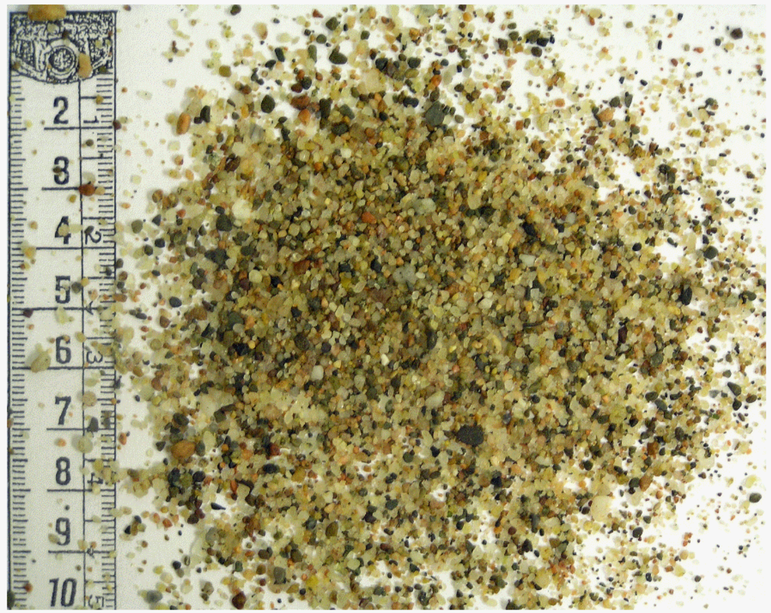
GRAIN SIZE DISTRIBUTION

| | |
|---|---|
| GRAVEL: 0,0% | COARSE SAND: 0,2% |
| SAND: 100,0% | MEDIUM SAND: 0,0% |
| MUD: 0,0% | FINE SAND: 0,0% |
| | 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: 99,8% | CLAY: 0,0% |

| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
|---|---|---|---|---|---|---|
| | Arithmetic µm | Geometric µm | Logarithmic ϕ | Geometric µm | Logarithmic ϕ | Description |
| MEAN ($\bar{x}$): | 1274,5 | 382,0 | -0,510 | 1580,5 | -0,660 | Very Coarse Sand |
| SORTING ($\sigma$): | 655,2 | 17,95 | 0,324 | 1,082 | 0,114 | Very Well Sorted |
| SKEWNESS ($Sk$): | -1,194 | -1,567 | 0,449 | -22,800 | 22,80 | Very Fine Skewed |
| KURTOSIS ($K$): | 2,893 | 3,471 | 1,734 | 0,020 | 0,020 | Very Platykurtic |



| Girona | Baix Empordà | Begur | Platja de l'Illa Roja | Tram 19 | Codi: BEBE049 |
|---|---|---|---|---|---|