

SIEVING ERROR: 0,3%

SAMPLE STATISTICS

SAMPLE IDENTITY: **Torrent del Pi** ANALYST & DATE: CIIRC, 02-10-08
SAMPLE TYPE: Polymodal, Poorly Sorted TEXTURAL GROUP: Sand
SEDIMENT NAME: Poorly Sorted Medium Sand

| | μm | | ϕ | | GRAIN SIZE DISTRIBUTION | | | | | |
|---------------------------------------|---------------|--------|--------|--|-------------------------|---------------------|------|--|-----------|--|
| | | | | | GRAVEL | | SAND | | FINE SAND | |
| MODE 1: | 275,0 | 1,868 | | | GRAVEL: 0,0% | COARSE SAND: 18,6% | | | | |
| MODE 2: | 1500,0 | -0,582 | | | SAND: 100,0% | MEDIUM SAND: 43,8% | | | | |
| MODE 3: | 780,0 | 0,364 | | | MUD: 0,0% | FINE SAND: 17,1% | | | | |
| D ₁₀ : | 221,7 | -0,581 | | | V COARSE GRAVEL: 0,0% | V COARSE SILT: 0,0% | | | | |
| MEDIAN or D ₅₀ : | 353,1 | 1,502 | | | COARSE GRAVEL: 0,0% | COARSE SILT: 0,0% | | | | |
| D ₉₀ : | 1496,2 | 2,173 | | | MEDIUM GRAVEL: 0,0% | MEDIUM SILT: 0,0% | | | | |
| (D ₉₀ / D ₁₀): | 6,749 | -3,739 | | | FINE GRAVEL: 0,0% | FINE SILT: 0,0% | | | | |
| (D ₉₀ - D ₁₀): | 1274,5 | 2,755 | | | V FINE GRAVEL: 0,0% | V FINE SILT: 0,0% | | | | |
| (D ₇₅ / D ₂₅): | 3,015 | 6,412 | | | V COARSE SAND: 20,2% | CLAY: 0,0% | | | | |
| (D ₇₅ - D ₂₅): | 545,0 | 1,592 | | | | | | | | |

| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
|-----------------------|-------------------|---------------|-------------|--------------------|-------------|--------------------|
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 613,1 | 467,9 | 1,096 | 465,7 | 1,102 | Medium Sand |
| SORTING (σ): | 485,9 | 2,021 | 1,015 | 2,033 | 1,024 | Poorly Sorted |
| SKEWNESS (S_K): | 1,267 | 0,542 | -0,542 | 0,504 | -0,504 | Very Coarse Skewed |
| KURTOSIS (K): | 3,293 | 2,221 | 2,221 | 0,779 | 0,779 | Platykurtic |

