

SAMPLE STATISTICS

SIEVING ERROR: 0.0%

VIBRACORE

SIEVE INTERVAL $\frac{1}{2} \phi$

SAMPLE IDENTITY: **SR-48-130**

ANALYST & DATE:

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand

			GRAIN SIZE DISTRIBUTION			
	μm	ϕ				
MODE 1:	215.0	2.237	GRAVEL:	0.1%	COARSE SAND:	2.5%
MODE 2:			SAND:	99.2%	MEDIUM SAND:	29.0%
MODE 3:			MUD:	0.7%	FINE SAND:	58.1%
D ₁₀ :	125.4	1.500			V FINE SAND:	9.1%
MEDIAN or D ₅₀ :	211.6	2.240	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.1%
D ₉₀ :	353.7	2.996	COARSE GRAVEL:	0.0%	COARSE SILT:	0.1%
(D ₉₀ / D ₁₀):	2.821	1.998	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.1%
(D ₉₀ - D ₁₀):	228.3	1.496	FINE GRAVEL:	0.0%	FINE SILT:	0.1%
(D ₇₅ / D ₂₅):	1.753	1.440	V FINE GRAVEL:	0.1%	V FINE SILT:	0.1%
(D ₇₅ - D ₂₅):	120.1	0.810	V COARSE SAND:	0.5%	CLAY:	0.1%

METHOD OF MOMENTS				FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	242.091529	210.1	2.251	211.0	2.244	Fine Sand
SORTING:	153.757684	1.679	0.748	1.550	0.633	Moderately Well Sorted
SKEWNESS:	5.8620872	-1.333	1.333	0.004	-0.004	Symmetrical
KURTOSIS:	62.8899997	14.23	14.23	1.092	1.092	Mesokurtic

