

SIEVING ERROR: 0.9%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-2_175**

ANALYST & DATE: SA/RM, 8/16/91

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 9.2%		
MODE 2:	273.5	1.876	SAND: 99.8%	MEDIUM SAND: 25.8%		
MODE 3:	547.5	0.875	MUD: 0.2%	FINE SAND: 54.6%		
D ₁₀ :	131.8	0.817		V FINE SAND: 6.4%		
MEDIAN or D ₅₀ :	207.0	2.272	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D ₉₀ :	567.4	2.923	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	4.304	3.576	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	435.6	2.106	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.876	1.527	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	141.4	0.908	V COARSE SAND: 3.9%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	304.7	243.0	2.041	236.4	2.080	Fine Sand
SORTING (σ):	270.8	1.817	0.861	1.788	0.838	Moderately Sorted
SKEWNESS (Sk):	2.931	1.140	-1.140	0.400	-0.400	Very Coarse Skewed
KURTOSIS (K):	12.26	4.175	4.175	1.298	1.298	Leptokurtic

GRAIN SIZE DISTRIBUTION