

SIEVING ERROR: 1.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-3_445**

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

SAMPLE TYPE: Polymodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 4.4%		
MODE 2:	193.5	2.375	SAND: 96.7%	MEDIUM SAND: 37.5%		
MODE 3:	460.0	1.126	MUD: 3.3%	FINE SAND: 44.8%		
D ₁₀ :	113.0	1.199		V FINE SAND: 10.0%		
MEDIAN or D ₅₀ :	216.8	2.205	V COARSE GRAVEL: 0.0%	V COARSE SILT: 3.3%		
D ₉₀ :	435.7	3.145	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	3.855	2.624	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	322.7	1.947	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.889	1.523	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	139.5	0.917	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	244.8	215.2	2.217	219.3	2.189	Fine Sand
SORTING (σ):	120.3	1.678	0.747	1.697	0.763	Moderately Sorted
SKEWNESS (Sk):	0.826	-0.389	0.389	-0.029	0.029	Symmetrical
KURTOSIS (K):	3.123	3.029	3.029	1.163	1.163	Leptokurtic

GRAIN SIZE DISTRIBUTION