

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-14_350**

ANALYST & DATE: SA/RM, 8/21/91

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Very Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	387.0	1.375	GRAVEL: 0.0%	COARSE SAND: 17.1%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 79.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 2.8%		
D ₁₀ :	328.2	0.848		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	413.8	1.273	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	555.4	1.607	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	1.692	1.895	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	227.2	0.759	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.280	1.333	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	104.2	0.356	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	429.9	417.4	1.260	422.8	1.242	Medium Sand
SORTING (σ):	97.64	1.260	0.333	1.229	0.297	Very Well Sorted
SKEWNESS (Sk):	1.041	-0.646	0.646	0.072	-0.072	Symmetrical
KURTOSIS (K):	8.833	6.432	6.432	1.305	1.305	Leptokurtic

GRAIN SIZE DISTRIBUTION