

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-11_175**

ANALYST & DATE: TB/RM, 8/20/91

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 5.9%		
MODE 2:	193.5	2.375	SAND: 99.7%	MEDIUM SAND: 46.4%		
MODE 3:			MUD: 0.3%	FINE SAND: 45.5%		
D_{10} :	159.4	1.179		V FINE SAND: 1.9%		
MEDIAN or D_{50} :	254.2	1.976	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	441.7	2.650	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.771	2.247	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	282.3	1.471	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.628	1.418	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	120.3	0.703	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}):	274.9	252.9	1.983	255.5	1.968	Medium Sand
SORTING (σ):	118.6	1.482	0.567	1.467	0.553	Moderately Well Sorted
SKEWNESS (Sk):	1.592	0.206	-0.206	0.064	-0.064	Symmetrical
KURTOSIS (K):	6.535	3.585	3.585	1.090	1.090	Mesokurtic

GRAIN SIZE DISTRIBUTION