

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-05_275**

ANALYST & DATE: SA/RM, 8/19/91

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Coarse Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 0.0%	COARSE SAND: 46.9%		
MODE 2:	325.5	1.625	SAND: 100.0%	MEDIUM SAND: 43.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 2.5%		
D_{10} :	291.8	0.113		V FINE SAND: 0.0%		
MEDIAN or D_{50} :	515.7	0.955	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	924.6	1.777	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.169	15.72	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	632.8	1.664	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.768	2.431	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	291.7	0.822	V COARSE SAND: 6.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	565.5	514.2	0.960	512.0	0.966	Coarse Sand
SORTING (σ):	254.2	1.529	0.613	1.554	0.636	Moderately Well Sorted
SKEWNESS (Sk):	1.260	0.126	-0.126	0.013	-0.013	Symmetrical
KURTOSIS (K):	4.747	2.787	2.787	1.020	1.020	Mesokurtic

GRAIN SIZE DISTRIBUTION