

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-3_364**

ANALYST & DATE: TB/RM, 7/29/1993

SAMPLE TYPE: Bimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Coarse Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 0.3%	COARSE SAND: 47.2%		
MODE 2:	273.5	1.876	SAND: 99.6%	MEDIUM SAND: 37.1%		
MODE 3:			MUD: 0.1%	FINE SAND: 4.6%		
D_{10} :	279.2	-0.028		V FINE SAND: 0.5%		
MEDIAN or D_{50} :	535.4	0.901	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	1019.3	1.841	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.651	-66.613	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	740.1	1.868	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.839	2.883	V FINE GRAVEL: 0.3%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	330.1	0.879	V COARSE SAND: 10.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	607.7	533.9	0.905	532.2	0.910	Coarse Sand
SORTING (σ):	323.0	1.657	0.729	1.646	0.719	Moderately Sorted
SKEWNESS (Sk):	1.589	-0.157	0.157	0.017	-0.017	Symmetrical
KURTOSIS (K):	6.367	3.774	3.774	1.107	1.107	Mesokurtic

GRAIN SIZE DISTRIBUTION