

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-06_100**

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

SAMPLE TYPE: Trimodal, 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: 20.5%		
MODE 2:	460.0	1.126	SAND: 99.4%	MEDIUM SAND: 53.5%		
MODE 3:	193.5	2.375	MUD: 0.6%	FINE SAND: 23.3%		
D_{10} :	180.2	0.781		V FINE SAND: 2.1%		
MEDIAN or D_{50} :	322.9	1.631	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D_{90} :	582.2	2.473	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.232	3.168	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	402.0	1.692	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.931	1.876	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	227.4	0.949	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}):	361.5	324.5	1.624	326.2	1.616	Medium Sand
SORTING (σ):	159.8	1.606	0.684	1.599	0.677	Moderately Well Sorted
SKEWNESS (Sk):	0.619	-0.493	0.493	0.001	-0.001	Symmetrical
KURTOSIS (K):	2.769	3.397	3.397	0.928	0.928	Mesokurtic

GRAIN SIZE DISTRIBUTION