

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-01\_225**

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

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 11.9%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 75.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 11.6%		
D <sub>10</sub> :	238.7	0.928		V FINE SAND: 0.2%		
MEDIAN or D <sub>50</sub> :	324.8	1.622	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	525.6	2.067	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.202	2.227	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	286.9	1.139	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.561	1.519	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	152.3	0.643	V COARSE SAND: 0.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	361.5	340.0	1.557	341.2	1.551	Medium Sand
SORTING ( $\sigma$ ):	138.2	1.390	0.475	1.364	0.448	Well Sorted
SKEWNESS ( $Sk$ ):	2.599	0.501	-0.501	0.192	-0.192	Coarse Skewed
KURTOSIS ( $K$ ):	17.68	4.167	4.167	0.948	0.948	Mesokurtic

**GRAIN SIZE DISTRIBUTION**