

SIEVING ERROR: 0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-01\_275**

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

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.2%	COARSE SAND: 11.7%		
MODE 2:			SAND: 99.8%	MEDIUM SAND: 75.5%		
MODE 3:			MUD: 0.0%	FINE SAND: 11.6%		
$D_{10}$ :	234.2	0.920		V FINE SAND: 0.4%		
MEDIAN or $D_{50}$ :	320.1	1.644	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	528.7	2.094	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.257	2.277	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	294.4	1.174	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.542	1.495	V FINE GRAVEL: 0.2%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	146.6	0.625	V COARSE SAND: 0.6%	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 ( $\bar{x}$ ):	361.1	336.4	1.572	338.9	1.561	Medium Sand
SORTING ( $\sigma$ ):	160.8	1.417	0.503	1.379	0.463	Well Sorted
SKEWNESS ( $Sk$ ):	4.374	0.640	-0.640	0.198	-0.198	Coarse Skewed
KURTOSIS ( $K$ ):	40.72	5.402	5.402	1.041	1.041	Mesokurtic

**GRAIN SIZE DISTRIBUTION**