

SIEVING ERROR: 0.0%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-12\_136**

ANALYST &amp; DATE: SA/RM, 8/20/91

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 3.9%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 47.4%		
MODE 3:			MUD: 0.1%	FINE SAND: 48.0%		
$D_{10}$ :	170.1	1.308		V FINE SAND: 0.6%		
MEDIAN or $D_{50}$ :	252.1	1.988	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	403.9	2.555	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.374	1.954	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	233.8	1.247	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.505	1.336	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	99.27	0.590	V COARSE SAND: 0.0%	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 ( $\bar{x}$ ):	268.2	251.8	1.990	250.8	1.995	Medium Sand
SORTING ( $\sigma$ ):	100.6	1.399	0.484	1.390	0.475	Well Sorted
SKEWNESS ( $Sk$ ):	1.640	0.437	-0.437	0.058	-0.058	Symmetrical
KURTOSIS ( $K$ ):	6.639	3.635	3.635	1.136	1.136	Leptokurtic

**GRAIN SIZE DISTRIBUTION**