

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-11\_150**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 4.1%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 46.5%		
MODE 3:			MUD: 0.0%	FINE SAND: 47.2%		
$D_{10}$ :	159.3	1.294		V FINE SAND: 2.1%		
MEDIAN or $D_{50}$ :	250.9	1.995	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	407.9	2.650	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.561	2.049	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	248.6	1.357	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.547	1.359	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	104.9	0.630	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 ( $\bar{x}$ ):	266.1	247.2	2.016	248.5	2.008	Fine Sand
SORTING ( $\sigma$ ):	106.9	1.444	0.530	1.424	0.510	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.594	0.216	-0.216	0.012	-0.012	Symmetrical
KURTOSIS ( $K$ ):	6.663	3.607	3.607	1.156	1.156	Leptokurtic

**GRAIN SIZE DISTRIBUTION**