

SIEVING ERROR: 0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-11\_125**

ANALYST &amp; DATE: TB/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: 4.7%		
MODE 2:	193.5	2.375	SAND: 99.7%	MEDIUM SAND: 45.6%		
MODE 3:			MUD: 0.3%	FINE SAND: 47.3%		
$D_{10}$ :	157.5	1.262		V FINE SAND: 2.0%		
MEDIAN or $D_{50}$ :	250.6	1.996	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
$D_{90}$ :	417.0	2.667	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.647	2.113	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	259.5	1.405	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.580	1.379	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	109.8	0.660	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 ( $\bar{x}$ ):	267.3	246.9	2.018	248.2	2.011	Fine Sand
SORTING ( $\sigma$ ):	113.0	1.468	0.553	1.445	0.531	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.731	0.194	-0.194	0.017	-0.017	Symmetrical
KURTOSIS ( $K$ ):	7.707	3.804	3.804	1.134	1.134	Leptokurtic

**GRAIN SIZE DISTRIBUTION**