

SIEVING ERROR: 0.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-11\_75**

ANALYST &amp; DATE: TB/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: 3.1%		
MODE 2:	193.5	2.375	SAND: 99.6%	MEDIUM SAND: 42.7%		
MODE 3:			MUD: 0.4%	FINE SAND: 51.6%		
$D_{10}$ :	155.2	1.409		V FINE SAND: 2.2%		
MEDIAN or $D_{50}$ :	236.9	2.078	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
$D_{90}$ :	376.5	2.687	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.425	1.907	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	221.3	1.278	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.554	1.354	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	102.7	0.636	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 ( $\bar{x}$ ):	254.2	236.4	2.081	235.5	2.086	Fine Sand
SORTING ( $\sigma$ ):	102.8	1.441	0.527	1.414	0.500	Well Sorted
SKEWNESS ( $Sk$ ):	1.925	0.151	-0.151	0.033	-0.033	Symmetrical
KURTOSIS ( $K$ ):	9.463	4.268	4.268	1.124	1.124	Leptokurtic

**GRAIN SIZE DISTRIBUTION**