

SIEVING ERROR: -0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-09\_75**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 8.6%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 63.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 26.4%		
$D_{10}$ :	183.8	1.029		V FINE SAND: 1.1%		
MEDIAN or $D_{50}$ :	293.6	1.768	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	489.9	2.443	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.665	2.373	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	306.0	1.414	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.644	1.532	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	153.9	0.717	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 ( $\bar{x}$ ):	321.8	299.5	1.739	299.1	1.741	Medium Sand
SORTING ( $\sigma$ ):	119.7	1.451	0.538	1.470	0.556	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	0.831	-0.159	0.159	0.044	-0.044	Symmetrical
KURTOSIS ( $K$ ):	3.622	2.989	2.989	1.022	1.022	Mesokurtic

**GRAIN SIZE DISTRIBUTION**