

SIEVING ERROR: 0.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-93-6\_150**

ANALYST &amp; DATE: TB/RM, 7/31/1993

SAMPLE TYPE: Trimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 1.1%		
MODE 2:	137.0	2.873	SAND: 99.9%	MEDIUM SAND: 19.2%		
MODE 3:	273.5	1.876	MUD: 0.1%	FINE SAND: 52.4%		
$D_{10}$ :	98.78	1.745		V FINE SAND: 27.1%		
MEDIAN or $D_{50}$ :	162.8	2.619	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	298.4	3.340	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.021	1.914	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	199.6	1.595	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.834	1.405	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	101.6	0.875	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 ( $\bar{x}$ ):	186.9	168.2	2.571	168.7	2.567	Fine Sand
SORTING ( $\sigma$ ):	92.14	1.552	0.634	1.563	0.645	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.684	0.367	-0.367	0.119	-0.119	Coarse Skewed
KURTOSIS ( $K$ ):	6.896	2.878	2.878	0.992	0.992	Mesokurtic

**GRAIN SIZE DISTRIBUTION**