

SIEVING ERROR: 0.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **84-1115 B-1 S-7A**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 2.0%	COARSE SAND: 2.2%		
MODE 2:			SAND: 97.7%	MEDIUM SAND: 40.7%		
MODE 3:			MUD: 0.4%	FINE SAND: 52.3%		
$D_{10}$ :	182.3	1.366		V FINE SAND: 0.9%		
MEDIAN or $D_{50}$ :	243.6	2.037	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	388.1	2.456	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%		
$(D_{90} / D_{10})$ :	2.129	1.799	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.1%		
$(D_{90} - D_{10})$ :	205.8	1.090	FINE GRAVEL: 0.6%	FINE SILT: 0.1%		
$(D_{75} / D_{25})$ :	1.526	1.361	V FINE GRAVEL: 1.4%	V FINE SILT: 0.1%		
$(D_{75} - D_{25})$ :	106.8	0.609	V COARSE SAND: 1.5%	CLAY: 0.1%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	346.3	265.5	1.913	250.6	1.997	Medium Sand
SORTING ( $\sigma$ ):	497.0	1.741	0.800	1.425	0.511	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	6.494	1.454	-1.454	0.230	-0.230	Coarse Skewed
KURTOSIS ( $K$ ):	49.56	16.61	16.61	1.341	1.341	Leptokurtic

**GRAIN SIZE DISTRIBUTION**