

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **84-1115 B-1 S-2A**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 0.6%	COARSE SAND: 3.0%		
MODE 2:			SAND: 99.2%	MEDIUM SAND: 63.1%		
MODE 3:			MUD: 0.2%	FINE SAND: 31.6%		
D <sub>10</sub> :	193.4	1.202		V FINE SAND: 0.6%		
MEDIAN or D <sub>50</sub> :	283.1	1.821	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	434.5	2.370	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.247	1.971	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	241.1	1.168	FINE GRAVEL: 0.2%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.469	1.354	V FINE GRAVEL: 0.4%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	107.7	0.555	V COARSE SAND: 0.9%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic $\mu\text{m}$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Description
MEAN ( $\bar{x}$ ):	329.6	288.7	1.792	279.4	1.840	Medium Sand
SORTING ( $\sigma$ ):	303.4	1.512	0.597	1.346	0.429	Well Sorted
SKEWNESS ( $S_k$ ):	10.03	0.713	-0.713	0.027	-0.027	Symmetrical
KURTOSIS ( $K$ ):	128.3	21.63	21.63	1.062	1.062	Mesokurtic

**GRAIN SIZE DISTRIBUTION**