

SIEVING ERROR: 0.0%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **84-1115 B-1 S-10A**

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: 1.5%	COARSE SAND: 2.5%		
MODE 2:			SAND: 98.1%	MEDIUM SAND: 67.1%		
MODE 3:			MUD: 0.4%	FINE SAND: 26.4%		
D <sub>10</sub> :	196.0	1.164		V FINE SAND: 0.8%		
MEDIAN or D <sub>50</sub> :	289.9	1.786	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D <sub>90</sub> :	446.4	2.351	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.277	2.020	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.1%		
(D <sub>90</sub> - D <sub>10</sub> ):	250.4	1.187	FINE GRAVEL: 0.5%	FINE SILT: 0.1%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.417	1.325	V FINE GRAVEL: 1.0%	V FINE SILT: 0.1%		
(D <sub>75</sub> - D <sub>25</sub> ):	100.6	0.503	V COARSE SAND: 1.4%	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 ( $\bar{x}$ ):	365.5	299.0	1.742	287.6	1.798	Medium Sand
SORTING ( $\sigma$ ):	433.6	1.665	0.736	1.368	0.452	Well Sorted
SKEWNESS ( $S_k$ ):	7.360	0.449	-0.449	0.057	-0.057	Symmetrical
KURTOSIS ( $K$ ):	64.82	20.39	20.39	1.281	1.281	Leptokurtic

**GRAIN SIZE DISTRIBUTION**