

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **1188-1314 B-II-4 S-5**

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: 0.5%	COARSE SAND: 1.5%		
MODE 2:			SAND: 99.4%	MEDIUM SAND: 57.4%		
MODE 3:			MUD: 0.1%	FINE SAND: 37.4%		
D <sub>10</sub> :	182.8	1.497		V FINE SAND: 1.4%		
MEDIAN or D <sub>50</sub> :	269.6	1.891	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	354.4	2.451	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.938	1.638	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	171.5	0.955	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.487	1.348	V FINE GRAVEL: 0.5%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	104.8	0.573	V COARSE SAND: 1.6%	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 ( $\bar{x}$ ):	305.7	269.3	1.893	261.6	1.935	Medium Sand
SORTING ( $\sigma$ ):	237.8	1.503	0.588	1.364	0.448	Well Sorted
SKEWNESS ( $S_k$ ):	6.660	1.184	-1.184	-0.103	0.103	Fine Skewed
KURTOSIS ( $K$ ):	57.30	15.56	15.56	1.167	1.167	Leptokurtic

**GRAIN SIZE DISTRIBUTION**