

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **1188-1314 B-II-5 S-6**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Unimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 8.3%	COARSE SAND: 3.2%		
MODE 2:			SAND: 91.6%	MEDIUM SAND: 26.3%		
MODE 3:			MUD: 0.1%	FINE SAND: 55.5%		
D <sub>10</sub> :	182.5	-0.738		V FINE SAND: 0.7%		
MEDIAN or D <sub>50</sub> :	239.5	2.062	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	1668.4	2.454	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	9.141	-3.323	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	1485.9	3.192	FINE GRAVEL: 0.2%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.643	1.450	V FINE GRAVEL: 8.1%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	129.9	0.716	V COARSE SAND: 6.0%	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 ( $\bar{x}$ ):	527.3	324.8	1.623	320.9	1.640	Medium Sand
SORTING ( $\sigma$ ):	712.9	2.260	1.176	2.111	1.078	Poorly Sorted
SKEWNESS ( $S_k$ ):	2.557	1.526	-1.526	0.667	-0.667	Very Coarse Skewed
KURTOSIS ( $K$ ):	9.061	4.753	4.753	2.247	2.247	Very Leptokurtic

**GRAIN SIZE DISTRIBUTION**