

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **1188-1314 B-III-3 S-5**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Unimodal, Moderately 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: 3.3%	COARSE SAND: 2.7%		
MODE 2:			SAND: 96.6%	MEDIUM SAND: 26.7%		
MODE 3:			MUD: 0.1%	FINE SAND: 61.3%		
D <sub>10</sub> :	148.2	1.117		V FINE SAND: 2.8%		
MEDIAN or D <sub>50</sub> :	225.9	2.146	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	461.0	2.754	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	3.111	2.466	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	312.8	1.637	FINE GRAVEL: 0.5%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.559	1.364	V FINE GRAVEL: 2.8%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	105.8	0.641	V COARSE SAND: 3.1%	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 ( $\bar{x}$ ):	380.8	260.8	1.939	235.6	2.086	Fine Sand
SORTING ( $\sigma$ ):	591.6	1.934	0.952	1.682	0.751	Moderately Sorted
SKEWNESS ( $Sk$ ):	4.779	2.060	-2.060	0.358	-0.358	Very Coarse Skewed
KURTOSIS ( $K$ ):	28.17	9.438	9.438	2.130	2.130	Very Leptokurtic

**GRAIN SIZE DISTRIBUTION**