

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **1188-1314B-III-5 S-2**

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:	427.5	1.247	GRAVEL: 0.1%	COARSE SAND: 8.0%		
MODE 2:			SAND: 99.8%	MEDIUM SAND: 78.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 12.5%		
D <sub>10</sub> :	232.2	1.013		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	347.9	1.523	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	495.4	2.107	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.134	2.079	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	263.2	1.093	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.556	1.529	V FINE GRAVEL: 0.1%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	155.0	0.638	V COARSE SAND: 0.8%	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 ( $\bar{x}$ ):	378.2	349.9	1.515	347.9	1.523	Medium Sand
SORTING ( $\sigma$ ):	178.1	1.398	0.484	1.374	0.459	Well Sorted
SKEWNESS ( $Sk$ ):	7.973	0.430	-0.430	0.006	-0.006	Symmetrical
KURTOSIS ( $K$ ):	131.4	10.47	10.47	1.026	1.026	Mesokurtic

**GRAIN SIZE DISTRIBUTION**