

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **1188-1314 B-III-2 S-4**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Unimodal, Well 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: 0.1%	COARSE SAND: 1.1%		
MODE 2:			SAND: 99.9%	MEDIUM SAND: 18.6%		
MODE 3:			MUD: 0.1%	FINE SAND: 77.6%		
D <sub>10</sub> :	139.6	1.692		V FINE SAND: 2.3%		
MEDIAN or D <sub>50</sub> :	207.2	2.271	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	309.4	2.841	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.217	1.679	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	169.9	1.149	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.398	1.236	V FINE GRAVEL: 0.1%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	69.01	0.483	V COARSE SAND: 0.4%	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 ( $\bar{x}$ ):	226.4	209.1	2.258	204.8	2.288	Fine Sand
SORTING ( $\sigma$ ):	119.8	1.390	0.475	1.341	0.423	Well Sorted
SKEWNESS ( $S_k$ ):	8.245	0.832	-0.832	-0.009	0.009	Symmetrical
KURTOSIS ( $K$ ):	109.1	15.05	15.05	1.192	1.192	Leptokurtic

**GRAIN SIZE DISTRIBUTION**