

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **1188-1314B-III-5 S-8**

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: 0.0%	COARSE SAND: 0.8%		
MODE 2:			SAND: 99.9%	MEDIUM SAND: 48.7%		
MODE 3:			MUD: 0.1%	FINE SAND: 47.4%		
D <sub>10</sub> :	165.1	1.558		V FINE SAND: 2.5%		
MEDIAN or D <sub>50</sub> :	249.9	2.000	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	339.6	2.598	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.057	1.668	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	174.5	1.040	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.506	1.342	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	101.7	0.590	V COARSE SAND: 0.5%	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 ( $\bar{x}$ ):	262.4	243.9	2.036	247.0	2.017	Fine Sand
SORTING ( $\sigma$ ):	114.1	1.399	0.484	1.327	0.408	Well Sorted
SKEWNESS ( $S_k$ ):	6.529	-0.636	0.636	-0.168	0.168	Fine Skewed
KURTOSIS ( $K$ ):	75.45	17.58	17.58	0.949	0.949	Mesokurtic

**GRAIN SIZE DISTRIBUTION**