

SIEVING ERROR: 0.2%

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

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: 0.1%	COARSE SAND: 4.5%		
MODE 2:			SAND: 99.9%	MEDIUM SAND: 85.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 8.9%		
D <sub>10</sub> :	251.9	1.058		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	339.7	1.558	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	480.2	1.989	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.906	1.879	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	228.2	0.931	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.492	1.462	V FINE GRAVEL: 0.1%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	138.6	0.577	V COARSE SAND: 0.9%	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 ( $\bar{x}$ ):	369.3	345.8	1.532	344.1	1.539	Medium Sand
SORTING ( $\sigma$ ):	153.5	1.350	0.433	1.312	0.392	Well Sorted
SKEWNESS ( $S_k$ ):	6.206	0.642	-0.642	0.015	-0.015	Symmetrical
KURTOSIS ( $K$ ):	72.82	13.07	13.07	0.911	0.911	Mesokurtic

**GRAIN SIZE DISTRIBUTION**