

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **1188-1314 B-II-1 S-3**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 10.9%	COARSE SAND: 13.5%		
MODE 2:	3400.0	-1.743	SAND: 88.8%	MEDIUM SAND: 55.2%		
MODE 3:			MUD: 0.3%	FINE SAND: 12.2%		
D <sub>10</sub> :	220.4	-1.120		V FINE SAND: 1.2%		
MEDIAN or D <sub>50</sub> :	389.7	1.360	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D <sub>90</sub> :	2172.8	2.182	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%		
(D <sub>90</sub> / D <sub>10</sub> ):	9.856	-1.949	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.1%		
(D <sub>90</sub> - D <sub>10</sub> ):	1952.4	3.301	FINE GRAVEL: 2.3%	FINE SILT: 0.1%		
(D <sub>75</sub> / D <sub>25</sub> ):	2.171	2.627	V FINE GRAVEL: 8.6%	V FINE SILT: 0.1%		
(D <sub>75</sub> - D <sub>25</sub> ):	334.9	1.118	V COARSE SAND: 6.7%	CLAY: 0.1%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic $\mu\text{m}$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Description
MEAN ( $\bar{x}$ ):	779.8	482.8	1.050	490.2	1.029	Medium Sand
SORTING ( $\sigma$ ):	995.8	2.387	1.255	2.261	1.177	Poorly Sorted
SKEWNESS ( $S_k$ ):	2.520	0.683	-0.683	0.470	-0.470	Very Coarse Skewed
KURTOSIS ( $K$ ):	8.753	5.007	5.007	1.518	1.518	Very Leptokurtic

**GRAIN SIZE DISTRIBUTION**