

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **1188-1314 B-II-2 S-3**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Fine Gravelly Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 10.7%	COARSE SAND: 4.2%		
MODE 2:	4800.0	-2.243	SAND: 89.2%	MEDIUM SAND: 53.8%		
MODE 3:			MUD: 0.1%	FINE SAND: 29.2%		
$D_{10}$ :	189.3	-1.357		V FINE SAND: 0.6%		
MEDIAN or $D_{50}$ :	303.9	1.718	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	2562.3	2.401	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	13.54	-1.769	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	2373.0	3.759	FINE GRAVEL: 8.5%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.810	1.689	V FINE GRAVEL: 2.2%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	189.1	0.856	V COARSE SAND: 1.5%	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 ( $\bar{x}$ ):	766.2	391.0	1.355	319.2	1.648	Medium Sand
SORTING ( $\sigma$ ):	1301.4	2.509	1.327	2.087	1.061	Poorly Sorted
SKEWNESS ( $S_k$ ):	2.603	1.730	-1.730	0.395	-0.395	Very Coarse Skewed
KURTOSIS ( $K$ ):	8.065	5.627	5.627	2.299	2.299	Very Leptokurtic

**GRAIN SIZE DISTRIBUTION**