

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **1188-1314 B-II-1 S-11**

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:	427.5	1.247	GRAVEL: 9.6%	COARSE SAND: 30.2%		
MODE 2:	2400.0	-1.243	SAND: 89.9%	MEDIUM SAND: 43.7%		
MODE 3:			MUD: 0.5%	FINE SAND: 5.5%		
$D_{10}$ :	260.9	-0.949		V FINE SAND: 2.2%		
MEDIAN or $D_{50}$ :	488.9	1.032	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	1930.4	1.938	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%		
$(D_{90} / D_{10})$ :	7.399	-2.043	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.1%		
$(D_{90} - D_{10})$ :	1669.5	2.887	FINE GRAVEL: 0.2%	FINE SILT: 0.1%		
$(D_{75} / D_{25})$ :	2.071	3.628	V FINE GRAVEL: 9.4%	V FINE SILT: 0.1%		
$(D_{75} - D_{25})$ :	392.1	1.051	V COARSE SAND: 8.3%	CLAY: 0.1%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	790.9	552.1	0.857	558.9	0.839	Coarse Sand
SORTING ( $\sigma$ ):	796.7	2.263	1.178	2.131	1.091	Poorly Sorted
SKEWNESS ( $Sk$ ):	2.282	-0.244	0.244	0.283	-0.283	Coarse Skewed
KURTOSIS ( $K$ ):	7.705	6.636	6.636	1.548	1.548	Very Leptokurtic

**GRAIN SIZE DISTRIBUTION**