

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-112 330**

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: 1.9%	COARSE SAND: 5.3%		
MODE 2:			SAND: 98.1%	MEDIUM SAND: 88.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 1.8%		
D <sub>10</sub> :	259.0	1.004		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	308.6	1.696	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	498.5	1.949	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.925	1.941	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	239.5	0.945	FINE GRAVEL: 0.5%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.245	1.205	V FINE GRAVEL: 1.4%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	67.71	0.316	V COARSE SAND: 2.8%	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 ( $\bar{x}$ ):	419.3	346.3	1.530	316.5	1.660	Medium Sand
SORTING ( $\sigma$ ):	467.5	1.572	0.652	1.341	0.424	Well Sorted
SKEWNESS ( $Sk$ ):	6.254	3.036	-3.036	0.453	-0.453	Very Coarse Skewed
KURTOSIS ( $K$ ):	48.85	16.32	16.32	2.472	2.472	Very Leptokurtic

**GRAIN SIZE DISTRIBUTION**