

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-112 270**

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: 1.7%	COARSE SAND: 6.2%		
MODE 2:			SAND: 98.3%	MEDIUM SAND: 87.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 1.4%		
D <sub>10</sub> :	259.9	0.872		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	312.1	1.680	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	546.4	1.944	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.102	2.229	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	286.5	1.072	FINE GRAVEL: 0.2%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.257	1.218	V FINE GRAVEL: 1.5%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	71.52	0.330	V COARSE SAND: 2.9%	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 ( $\bar{x}$ ):	417.8	352.1	1.506	328.6	1.606	Medium Sand
SORTING ( $\sigma$ ):	410.2	1.552	0.634	1.374	0.458	Well Sorted
SKEWNESS ( $S_k$ ):	5.987	2.801	-2.801	0.511	-0.511	Very Coarse Skewed
KURTOSIS ( $K$ ):	47.79	14.15	14.15	2.377	2.377	Very Leptokurtic

**GRAIN SIZE DISTRIBUTION**