

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-86-180**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Unimodal, Moderately 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: 2.1%	COARSE SAND: 11.9%		
MODE 2:			SAND: 97.9%	MEDIUM SAND: 66.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 15.4%		
D <sub>10</sub> :	219.8	0.503		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	342.8	1.544	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	705.7	2.186	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	3.211	4.347	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	485.9	1.683	FINE GRAVEL: 0.3%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.689	1.677	V FINE GRAVEL: 1.8%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	188.1	0.756	V COARSE SAND: 4.4%	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 ( $\bar{x}$ ):	474.6	381.7	1.389	362.2	1.465	Medium Sand
SORTING ( $\sigma$ ):	476.6	1.712	0.776	1.612	0.689	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	4.947	1.679	-1.679	0.301	-0.301	Very Coarse Skewed
KURTOSIS ( $K$ ):	34.29	6.895	6.895	1.448	1.448	Leptokurtic

**GRAIN SIZE DISTRIBUTION**