

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-86-240**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Unimodal, Moderately 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: 3.9%	COARSE SAND: 9.9%		
MODE 2:			SAND: 96.1%	MEDIUM SAND: 64.7%		
MODE 3:			MUD: 0.0%	FINE SAND: 15.5%		
D <sub>10</sub> :	217.8	0.037		V FINE SAND: 0.2%		
MEDIAN or D <sub>50</sub> :	344.8	1.536	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	974.5	2.199	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	4.474	59.11	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	756.7	2.161	FINE GRAVEL: 0.7%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.713	1.708	V FINE GRAVEL: 3.2%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	194.5	0.776	V COARSE SAND: 5.8%	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 ( $\bar{x}$ ):	537.3	399.3	1.324	373.6	1.420	Medium Sand
SORTING ( $\sigma$ ):	629.2	1.872	0.905	1.739	0.798	Moderately Sorted
SKEWNESS ( $Sk$ ):	4.083	1.654	-1.654	0.374	-0.374	Very Coarse Skewed
KURTOSIS ( $K$ ):	22.40	6.121	6.121	1.679	1.679	Very Leptokurtic

**GRAIN SIZE DISTRIBUTION**