

SIEVING ERROR: 0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR 107-210**

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: 0.9%	COARSE SAND: 7.7%		
MODE 2:			SAND: 99.1%	MEDIUM SAND: 89.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 0.1%		
D <sub>10</sub> :	266.1	0.947		V FINE SAND: 0.0%		
MEDIAN or D <sub>50</sub> :	342.2	1.547	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	518.8	1.910	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.950	2.018	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	252.7	0.963	FINE GRAVEL: 0.2%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.477	1.464	V FINE GRAVEL: 0.7%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	139.3	0.562	V COARSE SAND: 2.0%	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 ( $\bar{x}$ ):	420.3	373.7	1.420	355.0	1.494	Medium Sand
SORTING ( $\sigma$ ):	335.0	1.440	0.526	1.330	0.411	Well Sorted
SKEWNESS ( $Sk$ ):	7.866	2.926	-2.926	0.317	-0.317	Very Coarse Skewed
KURTOSIS ( $K$ ):	83.33	15.17	15.17	1.043	1.043	Mesokurtic

**GRAIN SIZE DISTRIBUTION**