

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-83-210**

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:	427.5	1.247	GRAVEL: 1.5%	COARSE SAND: 25.7%		
MODE 2:			SAND: 98.4%	MEDIUM SAND: 57.6%		
MODE 3:			MUD: 0.2%	FINE SAND: 10.5%		
$D_{10}$ :	237.3	0.435		V FINE SAND: 0.6%		
MEDIAN or $D_{50}$ :	413.7	1.273	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	739.8	2.075	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.117	4.773	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	502.5	1.640	FINE GRAVEL: 0.1%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.808	2.005	V FINE GRAVEL: 1.3%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	247.9	0.854	V COARSE SAND: 3.9%	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 ( $\bar{x}$ ):	505.4	423.1	1.241	415.8	1.266	Medium Sand
SORTING ( $\sigma$ ):	399.5	1.710	0.774	1.611	0.688	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	4.802	0.106	-0.106	0.060	-0.060	Symmetrical
KURTOSIS ( $K$ ):	35.97	9.258	9.258	1.171	1.171	Leptokurtic

**GRAIN SIZE DISTRIBUTION**