

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-25-210**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Unimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 2.8%	COARSE SAND: 5.6%		
MODE 2:			SAND: 96.9%	MEDIUM SAND: 41.8%		
MODE 3:			MUD: 0.2%	FINE SAND: 45.4%		
$D_{10}$ :	168.4	0.970		V FINE SAND: 2.3%		
MEDIAN or $D_{50}$ :	256.1	1.965	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	510.4	2.570	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.032	2.649	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	342.1	1.600	FINE GRAVEL: 0.9%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.693	1.493	V FINE GRAVEL: 1.9%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	140.8	0.760	V COARSE SAND: 1.8%	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 ( $\bar{x}$ ):	399.7	287.4	1.799	273.0	1.873	Medium Sand
SORTING ( $\sigma$ ):	591.7	1.886	0.916	1.639	0.713	Moderately Sorted
SKEWNESS ( $Sk$ ):	5.465	1.508	-1.508	0.294	-0.294	Coarse Skewed
KURTOSIS ( $K$ ):	35.67	10.28	10.28	1.488	1.488	Leptokurtic

**GRAIN SIZE DISTRIBUTION**