

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-12-150**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 1.5%	COARSE SAND: 11.4%		
MODE 2:	855.0	0.247	SAND: 98.4%	MEDIUM SAND: 44.7%		
MODE 3:			MUD: 0.1%	FINE SAND: 36.9%		
D_{10} :	184.0	0.341		V FINE SAND: 1.0%		
MEDIAN or D_{50} :	289.0	1.791	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	789.3	2.443	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.290	7.154	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	605.3	2.101	FINE GRAVEL: 0.3%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.949	1.775	V FINE GRAVEL: 1.2%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	205.7	0.962	V COARSE SAND: 4.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	422.4	326.0	1.617	314.0	1.671	Medium Sand
SORTING (σ):	454.1	1.846	0.884	1.742	0.801	Moderately Sorted
SKEWNESS (Sk):	5.206	1.002	-1.002	0.302	-0.302	Very Coarse Skewed
KURTOSIS (K):	40.11	6.582	6.582	1.215	1.215	Leptokurtic

GRAIN SIZE DISTRIBUTION