

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-104-240**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 11.3%	COARSE SAND: 9.2%		
MODE 2:	4800.0	-2.243	SAND: 86.5%	MEDIUM SAND: 36.5%		
MODE 3:			MUD: 2.2%	FINE SAND: 31.9%		
D_{10} :	162.3	-1.202		V FINE SAND: 3.4%		
MEDIAN or D_{50} :	304.3	1.716	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D_{90} :	2300.2	2.623	COARSE GRAVEL: 0.0%	COARSE SILT: 0.4%		
(D_{90} / D_{10}) :	14.17	-2.183	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.4%		
$(D_{90} - D_{10})$:	2137.9	3.825	FINE GRAVEL: 5.6%	FINE SILT: 0.4%		
(D_{75} / D_{25}) :	2.469	2.406	V FINE GRAVEL: 5.7%	V FINE SILT: 0.4%		
$(D_{75} - D_{25})$:	312.9	1.304	V COARSE SAND: 5.4%	CLAY: 0.4%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	771.6	378.4	1.402	399.5	1.324	Medium Sand
SORTING (σ):	1184.3	3.091	1.628	2.685	1.425	Poorly Sorted
SKEWNESS (Sk):	2.530	0.007	-0.007	0.455	-0.455	Very Coarse Skewed
KURTOSIS (K):	8.327	5.368	5.368	1.640	1.640	Very Leptokurtic

GRAIN SIZE DISTRIBUTION