

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-109 390**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	427.5	1.247	GRAVEL: 17.1%	COARSE SAND: 21.4%		
MODE 2:	4800.0	-2.243	SAND: 82.8%	MEDIUM SAND: 59.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 0.2%		
D_{10} :	281.5	-2.189		V FINE SAND: 0.0%		
MEDIAN or D_{50} :	448.6	1.156	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	4560.6	1.829	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	16.20	-0.835	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	4279.2	4.018	FINE GRAVEL: 16.4%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.212	3.715	V FINE GRAVEL: 0.8%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	409.0	1.145	V COARSE SAND: 1.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	1198.4	646.1	0.630	818.1	0.290	Coarse Sand
SORTING (σ):	1621.2	2.602	1.380	2.986	1.578	Poorly Sorted
SKEWNESS (Sk):	1.720	1.331	-1.331	0.669	-0.669	Very Coarse Skewed
KURTOSIS (K):	4.055	3.294	3.294	1.522	1.522	Very Leptokurtic

GRAIN SIZE DISTRIBUTION