

SIEVING ERROR: 0.6%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-51-150**

ANALYST & DATE: ,

SAMPLE TYPE: Trimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 21.6%	COARSE SAND: 17.8%		
MODE 2:	1700.0	-0.743	SAND: 78.4%	MEDIUM SAND: 25.4%		
MODE 3:	4800.0	-2.243	MUD: 0.0%	FINE SAND: 10.8%		
D_{10} :	234.0	-1.730		V FINE SAND: 0.8%		
MEDIAN or D_{50} :	842.6	0.247	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	3316.9	2.095	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	14.17	-1.211	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	3082.9	3.825	FINE GRAVEL: 6.9%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	5.064	-1.724	V FINE GRAVEL: 14.7%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	1455.7	2.340	V COARSE SAND: 23.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	1334.6	833.1	0.263	837.5	0.256	Coarse Sand
SORTING (σ):	1287.2	2.675	1.419	2.771	1.471	Poorly Sorted
SKEWNESS (Sk):	1.431	0.051	-0.051	0.022	-0.022	Symmetrical
KURTOSIS (K):	4.224	2.030	2.030	0.793	0.793	Platykurtic

GRAIN SIZE DISTRIBUTION

