

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-91-150**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	427.5	1.247	GRAVEL: 2.6%	COARSE SAND: 19.4%		
MODE 2:	107.5	3.237	SAND: 96.3%	MEDIUM SAND: 41.9%		
MODE 3:			MUD: 1.1%	FINE SAND: 17.0%		
D_{10} :	114.2	0.016		V FINE SAND: 10.8%		
MEDIAN or D_{50} :	388.3	1.365	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	989.0	3.131	COARSE GRAVEL: 0.0%	COARSE SILT: 0.2%		
(D_{90} / D_{10}) :	8.662	196.9	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.2%		
$(D_{90} - D_{10})$:	874.9	3.115	FINE GRAVEL: 0.3%	FINE SILT: 0.2%		
(D_{75} / D_{25}) :	2.549	2.617	V FINE GRAVEL: 2.2%	V FINE SILT: 0.2%		
$(D_{75} - D_{25})$:	340.7	1.350	V COARSE SAND: 7.2%	CLAY: 0.2%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	516.2	355.2	1.493	351.3	1.509	Medium Sand
SORTING (σ):	537.0	2.409	1.268	2.256	1.174	Poorly Sorted
SKEWNESS (S_k):	3.663	-0.655	0.655	-0.118	0.118	Fine Skewed
KURTOSIS (K):	22.13	5.920	5.920	1.242	1.242	Leptokurtic

GRAIN SIZE DISTRIBUTION