

SIEVING ERROR: 0.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-3_160**

ANALYST & DATE: DM/RM, 8/16/91

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 0.0%		
MODE 2:	273.5	1.876	SAND: 98.9%	MEDIUM SAND: 31.8%		
MODE 3:			MUD: 1.1%	FINE SAND: 65.1%		
D_{10} :	152.5	1.730		V FINE SAND: 1.9%		
MEDIAN or D_{50} :	208.6	2.261	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.1%		
D_{90} :	301.5	2.713	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.977	1.568	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	148.9	0.983	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.470	1.290	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	84.49	0.556	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	222.8	212.5	2.234	213.4	2.228	Fine Sand
SORTING (σ):	64.00	1.357	0.441	1.323	0.404	Well Sorted
SKEWNESS (Sk):	0.548	-0.846	0.846	0.091	-0.091	Symmetrical
KURTOSIS (K):	3.667	5.944	5.944	1.001	1.001	Mesokurtic

GRAIN SIZE DISTRIBUTION