

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-16_25**

ANALYST & DATE: TB/RM, 8/20/91

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: 0.3%		
MODE 2:	273.5	1.876	SAND: 99.4%	MEDIUM SAND: 26.9%		
MODE 3:			MUD: 0.6%	FINE SAND: 67.4%		
D_{10} :	137.3	1.796		V FINE SAND: 4.8%		
MEDIAN or D_{50} :	202.0	2.308	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D_{90} :	288.1	2.865	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.099	1.596	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	150.8	1.069	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.499	1.296	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	84.74	0.584	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}):	212.4	202.0	2.307	203.7	2.296	Fine Sand
SORTING (σ):	64.09	1.370	0.455	1.336	0.417	Well Sorted
SKEWNESS (Sk):	0.903	-0.800	0.800	-0.011	0.011	Symmetrical
KURTOSIS (K):	5.918	6.336	6.336	0.954	0.954	Mesokurtic

GRAIN SIZE DISTRIBUTION