

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-16_125**

ANALYST & DATE: SA/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: 0.5%		
MODE 2:	273.5	1.876	SAND: 99.5%	MEDIUM SAND: 28.0%		
MODE 3:			MUD: 0.5%	FINE SAND: 66.2%		
D_{10} :	138.3	1.781		V FINE SAND: 4.8%		
MEDIAN or D_{50} :	203.2	2.299	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D_{90} :	291.0	2.854	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.104	1.603	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	152.7	1.073	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.487	1.292	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	84.29	0.573	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}):	215.8	204.6	2.289	205.4	2.283	Fine Sand
SORTING (σ):	68.31	1.379	0.463	1.344	0.426	Well Sorted
SKEWNESS (Sk):	1.200	-0.616	0.616	0.014	-0.014	Symmetrical
KURTOSIS (K):	7.122	5.898	5.898	1.014	1.014	Mesokurtic

GRAIN SIZE DISTRIBUTION