

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-16_275**

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: 1.4%		
MODE 2:	273.5	1.876	SAND: 99.3%	MEDIUM SAND: 31.8%		
MODE 3:			MUD: 0.7%	FINE SAND: 61.0%		
D_{10} :	136.9	1.699		V FINE SAND: 5.2%		
MEDIAN or D_{50} :	207.2	2.271	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.7%		
D_{90} :	307.9	2.869	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.249	1.688	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	171.0	1.169	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.542	1.327	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	93.63	0.624	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}):	224.4	210.0	2.251	208.7	2.261	Fine Sand
SORTING (σ):	82.00	1.433	0.519	1.384	0.468	Well Sorted
SKEWNESS (Sk):	1.491	-0.465	0.465	0.025	-0.025	Symmetrical
KURTOSIS (K):	7.509	5.587	5.587	1.055	1.055	Mesokurtic

GRAIN SIZE DISTRIBUTION