

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-12_300**

ANALYST & DATE: TB/RM, 8/17/91

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 4.0%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 42.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 51.1%		
D_{10} :	162.9	1.337		V FINE SAND: 1.2%		
MEDIAN or D_{50} :	243.2	2.040	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	395.8	2.618	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.431	1.958	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	233.0	1.281	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.517	1.336	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	98.58	0.601	V COARSE SAND: 0.9%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	268.4	246.7	2.019	242.9	2.042	Fine Sand
SORTING (σ):	133.4	1.452	0.538	1.399	0.485	Well Sorted
SKEWNESS (Sk):	3.267	1.042	-1.042	0.093	-0.093	Symmetrical
KURTOSIS (K):	17.84	5.237	5.237	1.182	1.182	Leptokurtic

GRAIN SIZE DISTRIBUTION