

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-13_150**

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

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	163.0	2.622	GRAVEL: 0.0%	COARSE SAND: 0.3%		
MODE 2:			SAND: 99.8%	MEDIUM SAND: 3.3%		
MODE 3:			MUD: 0.2%	FINE SAND: 67.3%		
D_{10} :	105.7	2.274		V FINE SAND: 28.8%		
MEDIAN or D_{50} :	149.0	2.746	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	206.7	3.242	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.956	1.426	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	101.0	0.968	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.498	1.236	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	60.03	0.583	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}):	156.0	148.4	2.753	148.2	2.755	Fine Sand
SORTING (σ):	52.41	1.345	0.428	1.330	0.411	Well Sorted
SKEWNESS (Sk):	2.757	0.315	-0.315	-0.026	0.026	Symmetrical
KURTOSIS (K):	20.79	4.584	4.584	0.966	0.966	Mesokurtic

GRAIN SIZE DISTRIBUTION