

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-16_5**

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

SAMPLE TYPE: Unimodal, 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: 0.1%		
MODE 2:			SAND: 98.9%	MEDIUM SAND: 15.7%		
MODE 3:			MUD: 1.1%	FINE SAND: 73.7%		
D_{10} :	123.0	1.889		V FINE SAND: 9.4%		
MEDIAN or D_{50} :	186.1	2.426	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.1%		
D_{90} :	270.1	3.023	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.195	1.601	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	147.1	1.134	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.471	1.257	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	71.21	0.557	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}):	190.7	180.6	2.469	184.1	2.441	Fine Sand
SORTING (σ):	58.46	1.394	0.479	1.356	0.439	Well Sorted
SKEWNESS (Sk):	0.661	-0.974	0.974	-0.084	0.084	Symmetrical
KURTOSIS (K):	5.049	6.083	6.083	1.054	1.054	Mesokurtic

GRAIN SIZE DISTRIBUTION