

SIEVING ERROR: -0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **020311-1-6a**

ANALYST &amp; DATE: akr, 8/7/2002

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	390.0	1.364	GRAVEL: 0.0%	COARSE SAND: 15.0%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 77.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 7.1%		
$D_{10}$ :	258.0	0.878		V FINE SAND: 0.1%		
MEDIAN or $D_{50}$ :	367.3	1.445	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	544.2	1.955	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.110	2.227	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	286.2	1.077	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.471	1.481	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	143.5	0.557	V COARSE SAND: 0.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	387.6	370.0	1.435	369.4	1.437	Medium Sand
SORTING ( $\sigma$ ):	121.7	1.335	0.417	1.331	0.413	Well Sorted
SKEWNESS ( $Sk$ ):	2.139	0.174	-0.174	0.026	-0.026	Symmetrical
KURTOSIS ( $K$ ):	16.56	4.285	4.285	0.979	0.979	Mesokurtic

**GRAIN SIZE DISTRIBUTION**