

### SAMPLE STATISTICS

SIEVING ERROR:	0.0%	VIBRACORE
SAMPLE IDENTITY:	<b>SR-32-250</b>	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE TYPE:	Unimodal, Moderately Sorted	ANALYST & DATE:
SEDIMENT NAME:	Slightly Very Fine Gravelly Very Fine Sand	TEXTURAL GROUP: Slightly Gravelly Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	107.5	3.237	GRAVEL:	0.5%	COARSE SAND:	0.9%
MODE 2:			SAND:	92.6%	MEDIUM SAND:	8.3%
MODE 3:			MUD:	6.9%	FINE SAND:	41.1%
D <sub>10</sub> :	67.03	1.982			V FINE SAND:	41.7%
MEDIAN or D <sub>50</sub> :	127.8	2.968	V COARSE GRAVEL:	0.0%	V COARSE SILT:	1.2%
D <sub>90</sub> :	253.2	3.899	COARSE GRAVEL:	0.0%	COARSE SILT:	1.2%
(D <sub>90</sub> / D <sub>10</sub> ):	3.777	1.967	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	1.2%
(D <sub>90</sub> - D <sub>10</sub> ):	186.1	1.917	FINE GRAVEL:	0.0%	FINE SILT:	1.2%
(D <sub>75</sub> / D <sub>25</sub> ):	2.114	1.453	V FINE GRAVEL:	0.5%	V FINE SILT:	1.2%
(D <sub>75</sub> - D <sub>25</sub> ):	101.0	1.080	V COARSE SAND:	0.6%	CLAY:	1.2%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN :	169.540145	117.5	3.090	129.7	2.947	Fine Sand
SORTING:	219.043677	2.467	1.303	1.900	0.926	Moderately Sorted
SKEWNESS:	8.86589232	-1.349	1.349	-0.091	0.091	Symmetrical
KURTOSIS:	102.867376	6.901	6.901	1.336	1.336	Leptokurtic

# GRAIN SIZE DISTRIBUTION

