

### SAMPLE STATISTICS

SIEVING ERROR: 0.0%

VIBRACORE

SIEVE INTERVAL  $\frac{1}{2} \phi$

SAMPLE IDENTITY: **SR-31-30**

ANALYST & DATE:

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Fine Gravelly Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	427.5	1.247	GRAVEL:	13.7%	COARSE SAND:	24.2%
MODE 2:	4800.0	-2.243	SAND:	86.3%	MEDIUM SAND:	44.1%
MODE 3:			MUD:	0.1%	FINE SAND:	12.0%
D <sub>10</sub> :	225.0	-1.707			V FINE SAND:	1.0%
MEDIAN or D <sub>50</sub> :	450.9	1.149	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D <sub>90</sub> :	3265.9	2.152	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D <sub>90</sub> / D <sub>10</sub> ):	14.52	-1.260	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D <sub>90</sub> - D <sub>10</sub> ):	3040.9	3.860	FINE GRAVEL:	8.4%	FINE SILT:	0.0%
(D <sub>75</sub> / D <sub>25</sub> ):	2.261	3.244	V FINE GRAVEL:	5.3%	V FINE SILT:	0.0%
(D <sub>75</sub> - D <sub>25</sub> ):	387.7	1.177	V COARSE SAND:	4.9%	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 :	977.971639	562.3	0.831	555.5	0.848	Coarse Sand
SORTING:	1314.57574	2.511	1.328	2.481	1.311	Poorly Sorted
SKEWNESS:	2.19775778	1.020	-1.020	0.412	-0.412	Very Coarse Skewed
KURTOSIS:	6.39888989	3.660	3.660	1.600	1.600	Very Leptokurtic

