

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **85-1072 B-I S-4A**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Unimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 4.9%	COARSE SAND: 8.1%		
MODE 2:			SAND: 95.0%	MEDIUM SAND: 42.9%		
MODE 3:			MUD: 0.1%	FINE SAND: 37.7%		
D <sub>10</sub> :	160.9	0.175		V FINE SAND: 2.2%		
MEDIAN or D <sub>50</sub> :	287.3	1.799	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	885.8	2.636	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	5.505	15.06	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	724.9	2.461	FINE GRAVEL: 1.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	2.066	1.858	V FINE GRAVEL: 3.9%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	221.5	1.047	V COARSE SAND: 4.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic $\mu\text{m}$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Description
MEAN ( $\bar{x}$ ):	504.1	333.3	1.585	306.2	1.708	Medium Sand
SORTING ( $\sigma$ ):	712.3	2.113	1.079	1.954	0.966	Moderately Sorted
SKEWNESS ( $S_k$ ):	3.879	1.336	-1.336	0.311	-0.311	Very Coarse Skewed
KURTOSIS ( $K$ ):	19.28	5.905	5.905	1.507	1.507	Very Leptokurtic

**GRAIN SIZE DISTRIBUTION**