

**HYDRAULICS DIVISION  
TECHNICAL NOTE**

**DATE:** August 1983 **REPORT NO:** 83-23

**TITLE:** Particle Size Data Report - Pasqua Lake

**AUTHOR:** G.A. Duncan

**REASON FOR REPORT:** This report responds to a request for particle size data from Dr. W. Warwick, NWRI, Western and Northern Region, Winnipeg.

**CORRESPONDENCE FILE NO:** Study H83-302

## 1.0 INTRODUCTION

This report provides the results of particle size analysis on sediments submitted to the Laboratory by Dr. Bill Warwick, Freshwater Institute, Winnipeg.

Two hundred and six (206) sub-samples from a Pasqua Lake core (P-7-M), part of the Qu-Appelle River Lakes Project, were analyzed for sand, silt and clay percentages.

All samples were recovered after analysis, sealed and returned to the scientist.

One sample from the series, P-7-M-2-3 was not received, and therefore, not analyzed in the laboratory.

## 2.0 PROCEDURES

The Sieve and Sedigraph Method which provides sand, silt, and clay percentages was used to analyze the samples. Briefly, the procedure consists of:

1. Splitting the sample to 2g.
2. Removing particles large enough to block Sedigraph Suction Tube (0.088 mm).
3. Dispersing sample in a Calgon suspension.
4. Automatic analysis with the Sedigraph.
5. Processing the results with SIZDIST: a FORTRAN IV computer program (Sandilands and Duncan, 1980)

## 3.0 RESULTS

For the Sieve and Sedigraph Method, the output consists of:

1. A histogram of the frequency distribution.
2. The percentage and cumulative percentage of the material occurring within 1/2 PHI unit.

3. Moment measures (Krumbein and Pettijohn, 1938) and graphic (Folk and Ward, 1957) statistics.
4. Percentiles.
5. Percent gravel, sand and silt/clay.
6. Ratios used to plot Folk's Ternary Classification.
7. Shepard (1954) and Fold (1974) Ternary Classification.

PHI CONVERSION

The results of samples analyzed in the Sedimentology Lab are presented using the PHI scale (Krumbein, 1934). The conversion from this PHI equation,  $\phi = -\log_2 \xi$  (where  $\xi$  is the diameter in millimeters) to the Wentworth scale is listed below.

PHI ( $\phi$ )	Millimeters	Microns	Wentworth Size Class
-5.0	32		
-4.5	24		
-4.0	16		Pebble (-2 to $-6\phi$ )
-3.5	12		
-3.0	8		
-2.5	6		
-2.0	4		
-1.5	2.83		Granule
-1.0	2.00		
-0.5	1.41		Very coarse sand
0.0	1.00		
0.5	0.71		Coarse sand
1.0	0.51	500	
1.5	0.35	350	Medium sand
2.0	0.25	250	
2.5	0.177	177	Fine sand
3.0	0.125	125	
3.5	0.088	88	Very fine sand
4.0	0.0625	62.5	
8.0	0.0039	3.9	Silt+ Clay+

#### 4.0 REFERENCES

- Duncan, G.A. AND LaHaie, G.G. 1979. Size Analysis Procedures used in the Sedimentology Laboratory, NWRI. NWRI, CCIW, Hydraulic Division Manual, September 1979.
- Folk, R.L. 1968. Petrology of Sedimentary Rocks. Hemphill Publishing Co., Austin, Texas, 182 p.
- Folk, R.L. and Ward W.C. 1957. Brazos River Bar: A Study in the Significance of Grain Size Parameters. Jour. Sed. Petrology, V. 27, pp 3-26.
- Krumbein, W.C. and Pettijohn, F.J. 1938. Manual of Sedimentary Petrography. Appleton-Century-Crofts, New York, 549 p.
- Sandilands, R.G. and Duncan, G.A. 1980. SIZDIST - A Computer Program for Size Analysis. NWRI, CCIW, Hydraulics Division Technical Note, Report No. 80-08.
- Shepard, F.P. 1954. Nomenclature Based on Sand-Silt Ratios. Jour. Sed. Petrology, V. 24, pp. 151-158.

**APPENDIX 1**

**SIZDIST OUTPUT**

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	6.00	6.00	*****
7.00	6.00	12.00	*****
7.50	8.00	20.00	*****
8.00	10.00	30.00	*****
8.50	10.00	40.00	*****
9.00	6.00	46.00	*****
9.50	6.00	52.00	*****
10.00	4.00	56.00	****
10.50	8.00	64.00	*****
11.00	8.00	72.00	*****
11.50	12.00	84.00	*****
12.00	12.00	96.00	*****
****	4.00	100.00	****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.24	1.79	-.03	-1.36	KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI
9.36	1.90	-.02	.67	FOLK GRAPHIC STATISTICAL PARAMETERS FOLK AND WARD, 1957

PERCENTILES	MEDIAN	9.33	5TH	6.42	16TH	7.25	25TH	7.75
			75TH	11.13	84TH	11.50	95TH	11.96
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	30.00	(SEDIGRAPH)	70.00	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	30.00	PCT. GRAV+SAND/SILT+CLAY	.00			
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	2.94	2.94	***
7.00	8.82	11.76	*****
7.50	11.76	23.53	*****
8.00	5.88	29.41	*****
8.50	5.88	35.29	*****
9.00	5.88	41.18	*****
9.50	5.88	47.06	*****
10.00	5.88	52.94	*****
10.50	8.82	58.82	*****
11.00	8.82	67.65	*****
11.50	14.71	76.47	*****
12.00	8.82	91.18	*****
*****		100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.30 1.82 -.04 -1.44

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.75	5TH	6.62	16TH	7.18	25TH	7.63
			75TH	11.42	84TH	11.76	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)		0.00
				(SEDIGRAPH)	29.41	(SEDIGRAPH)		70.59
GRAVEL+SAND	.00	SILT/(SILT+CLAY)		29.41PCT. GRAV+SAND/SILT+CLAY				.00
LABELS SHEPARD		-SILTY CLAY		FOLK(GMS)-MUD				(SCS)-CLAY



08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	3.03	3.03	***
5.00	3.03	6.06	***
5.50	1.52	7.58	**
6.00	7.58	15.15	*****
6.50	6.06	21.21	*****
7.00	3.03	24.24	***
7.50	3.03	27.27	***
8.00	3.03	30.30	***
8.50	1.52	31.82	**
9.00	1.52	33.33	**
9.50	3.03	36.36	***
10.00	1.52	37.88	**
10.50	1.52	39.39	**
11.00	1.52	40.91	**
11.50	1.52	42.42	**
12.00	1.52	43.94	**
****	56.06	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

7.23 2.08 .29 -.67 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN*****	5TH 4.83	16TH 6.07	25TH 7.13
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 30.30	(SEDIGRAPH) 69.70	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 30.30	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	2.50	2.50	***
7.50	10.00	12.50	*****
8.00	7.50	20.00	*****
8.50	5.00	25.00	*****
9.00	5.00	30.00	*****
9.50	7.50	37.50	*****
10.00	7.50	45.00	*****
10.50	7.50	52.50	*****
11.00	7.50	60.00	*****
11.50	7.50	67.50	*****
12.00	7.50	75.00	*****
****	25.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.40 1.55 -.04 -1.27

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.33	5TH 7.13	16TH 7.73	25TH 8.50
		75TH 12.00	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 20.00	(SEDIGRAPH) 80.00
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	20.00 PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	1.85	1.85	**
7.50	5.56	7.41	*****
8.00	7.41	14.81	*****
8.50	5.56	20.37	*****
9.00	5.56	25.93	*****
9.50	3.70	29.63	****
10.00	3.70	33.33	****
10.50	5.56	37.04	*****
11.00	7.41	42.59	*****
11.50	9.26	50.00	*****
12.00	40.74	59.26	*****
****	100.00		*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.53 1.63 -.02 -1.43

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.50	5TH 7.28	16TH 8.11	25TH 8.92
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 14.81	(SEDIGRAPH) 85.19
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	14.81PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	4.17	4.17	****
7.50	5.21	9.38	*****
8.00	3.13	12.50	***
8.50	4.17	16.67	****
9.00	4.17	20.83	****
9.50	4.17	25.00	****
10.00	6.25	31.25	*****
10.50	6.25	37.50	*****
11.00	8.33	45.83	*****
11.50	12.50	58.33	*****
12.00	10.42	68.75	*****
****	31.25	100.00	*****

MEAN ST. DEV. SKEWNESS KURTOSIS

9.85 1.60 -.28 -.99

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.17	5TH 7.08	16TH 8.42	25TH 9.50
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 12.50	(SEDIGRAPH) 87.50
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	12.50PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI PCT. CUMPCT.

3.50 ASSUMED UPPER LIMIT

4.00	1.35	1.35	
4.50	0.00	1.35	
5.00	0.00	1.35	
5.50	0.00	1.35	
6.00	0.00	1.35	
6.50	0.00	1.35	
7.00	4.05	5.41	****
7.50	8.11	13.51	*****
8.00	5.41	18.92	*****
8.50	5.41	24.32	*****
9.00	5.41	29.73	*****
9.50	4.05	33.78	****
10.00	4.05	37.84	****
10.50	4.05	41.89	****
11.00	5.41	47.30	*****
11.50	6.76	54.05	*****
12.00	8.11	62.16	*****
****	37.84	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.22 1.85 -.19 -.25 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.20	5TH 6.95	16TH 7.73	25TH 8.56
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 1.35	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 17.57	(SEDIGRAPH) 81.08
GRAVEL+SAND	1.35	SILT/(SILT+CLAY)	17.81	PCT.GRAV+SAND/SILT+CLAY .01
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	2.56	2.56	***
7.00	5.13	7.69	*****
7.50	7.69	15.38	*****
8.00	7.69	23.08	*****
8.50	5.13	28.21	*****
9.00	5.13	33.33	*****
9.50	5.13	38.46	*****
10.00	5.13	43.59	*****
10.50	5.13	48.72	*****
11.00	5.13	53.85	*****
11.50	5.13	58.97	*****
12.00	6.41	65.38	*****
****	34.62	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.04 1.68 .06 -1.25

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.63	5TH 6.74	16TH 7.54	25TH 8.19
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 23.08	(SEDIGRAPH) 76.92
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 23.08	PCT. GRAV+SAND/SILT+CLAY .00	
LABELS SHEPARD	-CLAY	FOLK (GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	5.49	5.49	****
7.00	9.89	15.38	*****
7.50	7.69	23.08	*****
8.00	6.59	29.67	*****
8.50	6.59	36.26	*****
9.00	5.49	41.76	*****
9.50	5.49	47.25	*****
10.00	4.40	51.65	****
10.50	4.40	56.04	****
11.00	4.40	60.44	****
11.50	7.69	68.13	*****
12.00	7.69	75.82	*****
****	24.18	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.88 1.81 .10 -1.32

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.81	5TH	6.46	16TH	7.04	25TH	7.65	
			75TH	11.95	84TH	*****	95TH	*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00		
				(SEDIGRAPH)	29.67	(SEDIGRAPH)	70.33		
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	29.67	PCT. GRAV+SAND/SILT+CLAY	.00				
LABELS SHEPARD -SILTY CLAY FOLK(GMS)-MUD				(SCS)-CLAY					

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	4.00	4.00	****
7.50	12.00	16.00	*****
8.00	12.00	28.00	*****
8.50	6.00	34.00	*****
9.00	6.00	40.00	*****
9.50	6.00	46.00	*****
10.00	6.00	52.00	*****
10.50	4.00	56.00	****
11.00	6.00	62.00	*****
11.50	8.00	70.00	*****
12.00	6.00	76.00	*****
****	24.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.07 1.60 .14 -1.30

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.83	5TH	7.04	16TH	7.50	25TH	7.88
			75TH	11.92	84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	28.00	(SEDIGRAPH)	72.00	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	28.00	PCT.GRAV+SAND/SILT+CLAY	.00			
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				



08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	2.78	2.78	***
7.00	5.56	8.33	*****
7.50	8.33	16.67	*****
8.00	8.33	25.00	*****
8.50	5.56	30.56	*****
9.00	4.17	34.72	****
9.50	4.17	38.89	****
10.00	4.17	43.06	****
10.50	4.17	47.22	****
11.00	4.17	51.39	****
11.50	5.56	56.94	*****
12.00	5.56	62.50	*****
****	37.50	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.91 1.71 .13 -1.25 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.83	5TH 6.70	16TH 7.46	25TH 8.00
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 25.00	(SECIGRAPH) 75.00
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 25.00	PCT.GRAV+SAND/SILT+CLAY	.00

LABELS SHEPARD -SILTY CLAY FOLK(GMS)-MUD (SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	2.70	2.70	***
6.50	6.76	9.46	*****
7.00	8.11	17.57	*****
7.50	6.76	24.32	*****
8.00	5.41	29.73	*****
8.50	5.41	35.14	*****
9.00	5.41	40.54	*****
9.50	4.05	44.59	****
10.00	4.05	48.65	****
10.50	5.41	54.05	*****
11.00	2.70	56.76	***
11.50	6.76	63.51	*****
12.00	5.41	68.92	*****
****	31.08	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.65 1.86 .11 -1.25

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.13	5TH 6.17	16TH 6.90	25TH 7.56
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 29.73	(SEDIGRAPH) 70.27
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	29.73PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	4.65	4.65	*****
7.00	6.98	11.63	*****
7.50	9.30	20.93	*****
8.00	8.14	29.07	*****
8.50	5.81	34.88	*****
9.00	4.65	39.53	*****
9.50	4.65	44.19	*****
10.00	5.81	50.00	*****
10.50	3.49	53.49	***
11.00	4.65	58.14	*****
11.50	6.98	65.12	*****
12.00	8.14	73.26	*****
****	26.74	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.94 1.79 .10 -1.32 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.00	5TH 6.53	16TH 7.24	25TH 7.75
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 29.07	(SEDIGRAPH) 70.93
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	29.07PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

0 8/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.45	6.45		*****
6.50		6.45	
7.00	9.68	16.13	*****
7.50	9.68	25.81	*****
8.00	6.45	32.26	*****
8.50	3.23	35.48	***
9.00	6.45	41.94	*****
9.50	6.45	48.39	*****
10.00	6.45	54.84	*****
10.50	3.23	58.06	***
11.00	3.23	61.29	***
11.50	6.45	67.74	*****
12.00	3.23	70.97	***
****	29.03	70.97	*****
****		100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.59 1.69 .16 -1.14 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.63	5TH	6.39	16TH	6.99	25TH	7.46
			75TH	*****	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	32.26	(SEDIGRAPH)	67.74	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	32.26	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD -SILTY CLAY FOLK(GMS)-MUD				(SCS)-CLAY				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	1.35	1.35	*
6.50	9.46	10.81	*****
7.00	6.76	17.57	*****
7.50	6.76	24.32	*****
8.00	8.11	32.43	*****
8.50	5.41	37.84	*****
9.00	5.41	43.24	*****
9.50	5.41	48.65	*****
10.00	5.41	54.05	*****
10.50	2.70	59.46	***
11.00	5.41	62.16	*****
11.50	5.41	67.57	*****
12.00	27.03	72.97	*****
*****	100.00		*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.60 1.79 .13 -1.14 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.63	5TH	6.19	16TH	6.88	25TH	7.54
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	32.43	(SEDIGRAPH)	67.57	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	32.43	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	3.23	3.23	***
6.50	6.45	9.68	*****
7.00	9.68	19.35	*****
7.50	12.90	32.26	*****
8.00	9.68	41.94	*****
8.50	6.45	48.39	*****
9.00	4.84	53.23	*****
9.50	4.84	58.06	*****
10.00	4.84	62.90	*****
10.50	4.84	67.74	*****
11.00	6.45	74.19	*****
11.50	6.45	80.65	*****
12.00	9.68	90.32	*****
****	9.68	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.76 1.88 .14 -1.27

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.67	5TH	6.14	16TH	6.83	25TH	7.22	
			75TH	11.06	84TH	11.67	95TH	*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00		
				(SEDIGRAPH)	41.94	(SEDIGRAPH)	58.06		
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	41.94PCT.GRAV+SAND/SILT+CLAY		.00				
LABELS SHEPARD -SILTY CLAY				FOLK(GMS)-MUD		(SCS)-MUD			

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	2.38	2.38	**
6.50	4.76	7.14	*****
7.00	9.52	16.67	*****
7.50	9.52	26.19	*****
8.00	8.33	34.52	*****
8.50	5.95	40.48	*****
9.00	5.95	46.43	*****
9.50	3.57	50.00	****
10.00	3.57	53.57	****
10.50	4.76	58.33	*****
11.00	3.57	61.90	****
11.50	4.76	66.67	*****
12.00	4.76	71.43	*****
****	28.57	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.50 1.75 .21 -1.01 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.50	5TH	6.28	16TH	6.97	25TH	7.44
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	34.52	(SEDIGRAPH)	65.48	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	34.52	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD				(SCS)-MUD		

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	2.70	2.70	***
6.50	2.70	5.41	***
7.00	8.11	13.51	*****
7.50	8.11	21.62	*****
8.00	10.81	32.43	*****
8.50	5.41	37.84	*****
9.00	8.11	45.95	*****
9.50	5.41	51.35	*****
10.00	5.41	56.76	*****
10.50	4.05	60.81	****
11.00	4.05	64.86	****
11.50	4.05	68.92	****
12.00	4.05	72.97	****
****	27.03	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.58 1.64 .16 -.87

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.38	5TH	6.43	16TH	7.15	25TH	7.66
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	32.43	(SEDIGRAPH)	67.57	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	32.43	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				



08/29/83

PHI PCT. CUM PCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	2.78	2.78	***
6.50	8.33	11.11	*****
7.00	8.33	19.44	*****
7.50	6.94	26.39	*****
8.00	6.94	33.33	*****
8.50	6.94	40.28	*****
9.00	4.17	44.44	****
9.50	5.56	50.00	*****
10.00	4.17	54.17	****
10.50	5.56	59.72	*****
11.00	4.17	63.89	****
11.50	5.56	69.44	*****
12.00	2.78	72.22	***
****	27.78	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.46 1.76 .14 -1.14

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.50	5TH	6.13	16TH	6.79	25TH	7.40
			75TH	*****	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	33.33	(SEDIGRAPH)	66.67	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	33.33	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK (GMS)-MUD		(SCS)-MUD				

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	6.58	6.58	*****
6.50	11.84	18.42	*****
7.00	7.89	26.32	*****
7.50	10.53	36.84	*****
8.00	10.53	47.37	*****
8.50	5.26	52.63	*****
9.00	5.26	57.89	*****
9.50	2.63	60.53	***
10.00	5.26	65.79	*****
10.50	3.95	69.74	*****
11.00	3.95	73.68	*****
11.50	3.95	77.63	*****
12.00	5.26	82.89	*****
****	17.11	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.17 1.82 .28 -.89

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.25	5TH	5.88	16TH	6.40	25TH	6.92
			75TH	11.17	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	47.37	(SEDIGRAPH)	52.63	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	47.37	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-MUD				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	7.14	7.14	*****
6.50	12.50	19.64	*****
7.00	10.71	30.36	*****
7.50	12.50	42.86	*****
8.00	7.14	50.00	*****
8.50	7.14	57.14	*****
9.00	7.14	64.29	*****
9.50	3.57	67.86	****
10.00	3.57	71.43	****
10.50	5.36	76.79	*****
11.00	1.79	78.57	**
11.50	5.36	83.93	*****
12.00	5.36	89.29	*****
****	10.71	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.11 1.81 .31 -.78 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.00	5TH	5.85	16TH	6.35	25TH	6.75
			75TH	10.33	84TH	11.51	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	50.00	(SEDIGRAPH)	50.00	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	50.00	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD -CLAYEY SILT FCLK(GMS)-MUD				(SCS)-MUD				

08/29/83

PHI	PCT.	CUM PCT.	
3.50	0.00	0.00	
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	7.89	7.89	*****
7.00	13.16	21.05	*****
7.50	13.16	34.21	*****
8.00	7.89	42.11	*****
8.50	9.21	51.32	*****
9.00	5.26	56.58	*****
9.50	5.26	61.84	*****
10.00	3.95	65.79	*****
10.50	3.95	69.74	*****
11.00	3.95	73.68	*****
11.50	3.95	77.63	*****
12.00	6.58	84.21	*****
****	15.79	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.41 1.71 .31 -.85

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.43	5TH	6.32	16TH	6.81	25TH	7.15
			75TH	11.17	84TH	11.98	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	42.11	(SEDIGRAPH)	57.89	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	42.11	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD				(SCST)-MUD		

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	12.82	12.82	*****
7.00	14.10	26.92	*****
7.50	12.82	39.74	*****
8.00	11.54	51.28	*****
8.50	5.13	56.41	*****
9.00	5.13	61.54	*****
9.50	3.85	65.38	*****
10.00	3.85	69.23	*****
10.50	3.85	73.08	*****
11.00	3.85	76.92	*****
11.50	3.85	80.77	*****
12.00	3.85	84.62	*****
****	15.38	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.12 1.66 .39 -.57

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	7.94	5TH	6.20	16TH	6.61	25TH	6.93
			75TH	10.75	84TH	11.92	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	51.28	(SEDIGRAPH)	48.72	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	51.28	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD -CLAYEY SILT FOLK(GMS)-MUD				(SCS)-MUD				

08/29/83

PHI	PCT.	CUM PCT.	
3.50	0.00	0.00	
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	2.17	2.17	**
6.50	10.87	13.04	*****
7.00	13.04	26.09	*****
7.50	15.22	41.30	*****
8.00	10.87	52.17	*****
8.50	10.87	63.04	*****
9.00	6.52	69.57	*****
9.50	4.35	73.91	****
10.00	4.35	78.26	****
10.50	4.35	82.61	****
11.00	4.35	86.96	****
11.50	2.17	89.13	**
12.00	2.17	91.30	**
****	8.70	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.04 1.50 .36 -.34

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	7.90	5TH	6.13	16TH	6.61	25TH	6.96
			75TH	9.63	84TH	10.65	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	52.17	(SEDIGRAPH)	47.83	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	52.17	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-CLAYEY	SILT FOLK(GMS)-MUD				(SCS)-MUD		

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	15.69	15.69	*****
7.00	11.76	27.45	*****
7.50	13.73	41.18	*****
8.00	9.80	50.98	*****
8.50	5.88	56.86	*****
9.00	3.92	60.78	****
9.50	3.92	64.71	****
10.00	3.92	68.63	****
10.50	1.96	70.59	**
11.00	3.92	74.51	****
11.50	4.90	79.41	*****
12.00	5.88	85.29	*****
****	14.71	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.17 1.77 .38 -.70

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	7.95	5TH	6.16	16TH	6.51	25TH	6.90
			75TH	11.05	84TH	11.89	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	50.98	(SEDIGRAPH)	49.02	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	50.98	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-CLAYEY SILT FOLK(GMS)-MUD				(SCS)-MUD			

08/29/83

PHI	PCT.	CUMFCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	5.00	5.00	*****
6.50	5.00	10.00	*****
7.00	8.75	18.75	*****
7.50	17.50	36.25	*****
8.00	10.00	46.25	*****
8.50	7.50	53.75	*****
9.00	6.25	60.00	*****
9.50	5.00	65.00	*****
10.00	5.00	70.00	*****
10.50	2.50	75.00	***
11.00	3.75	77.50	****
11.50	3.75	81.25	****
12.00	15.00	85.00	****
****	15.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.23 1.62 .29 -.58

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.25	5TH	6.00	16TH	6.84	25TH	7.18
			75TH	10.50	84TH	11.87	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	46.25	(SEDIGRAPH)	53.75	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	46.25	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-MUD				



08/29/83

PHI PCT. CUM PCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	3.06	3.06	***
6.50	13.27	16.33	*****
7.00	12.24	28.57	*****
7.50	10.20	38.78	*****
8.00	9.18	47.96	*****
8.50	6.12	54.08	*****
9.00	6.12	60.20	*****
9.50	4.08	64.29	****
10.00	3.06	67.35	***
10.50	3.06	70.41	***
11.00	4.08	74.49	****
11.50	3.06	77.55	***
12.00	3.06	80.61	***
****	19.39	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.01 1.66 .37 -.53 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.17	5TH	6.07	16TH	6.49	25TH	6.85
			75TH	11.08	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	47.96	(SEDIGRAPH)	52.04	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	47.96	PCT. GRAV+SAND/SILT+CLAY	.00			
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-MUD				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	13.33	13.33	*****
6.50	10.00	23.33	*****
7.00	11.67	35.00	*****
7.50	15.00	50.00	*****
8.00	11.67	61.67	*****
8.50	6.67	68.33	*****
9.00	5.00	73.33	*****
9.50	3.33	76.67	***
10.00	3.33	80.00	***
10.50	3.33	83.33	***
11.00	3.33	86.67	***
11.50	1.67	88.33	**
12.00	1.67	90.00	**
****	10.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

7.64 1.55 .42 -.02

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	7.50	5TH	5.69	16TH	6.13	25TH	6.57
			75TH	9.25	84TH	10.60	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	61.67	(SEDIGRAPH)	38.33	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	61.67	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-CLAYEY SILT	FOLK (GMS)	-MUD			(SCS)	-MUD	

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	2.38	2.38	**
6.50	11.90	14.29	*****
7.00	14.29	28.57	*****
7.50	9.52	38.10	*****
8.00	9.52	47.62	*****
8.50	5.95	53.57	*****
9.00	5.95	59.52	*****
9.50	4.76	64.29	*****
10.00	2.38	66.67	**
10.50	1.19	67.86	*
11.00	7.14	75.00	*****
11.50	2.38	77.38	**
12.00	3.57	80.95	****
****	19.05	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.07 1.69 .36 -.61 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.20	5TH	6.11	16TH	6.56	25TH	6.88
			75TH	11.00	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	47.62	(SEDIGRAPH)	52.38	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	47.62	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK (GMS)-MUD				(SCS)-MUD		

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	1.79	1.79	**
6.00	1.79	3.57	**
6.50	7.14	10.71	*****
7.00	10.71	21.43	*****
7.50	14.29	35.71	*****
8.00	10.71	46.43	*****
8.50	8.93	55.36	*****
9.00	5.36	60.71	*****
9.50	7.14	67.86	*****
10.00	3.57	71.43	*****
10.50	5.36	76.79	*****
11.00	5.36	82.14	*****
11.50	10.71	92.86	*****
12.00	3.57	96.43	*****
****	3.57	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.50	1.77	.16	-1.07	KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI
8.68	1.95	.30	.73	FOLK GRAPHIC STATISTICAL PARAMETERS FOLK AND WARD, 1957

PERCENTILES	MEDIAN	8.20	5TH	6.10	16TH	6.75	25TH	7.13
			75TH	10.33	84TH	11.09	95TH	11.80
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	46.43	(SEDIGRAPH)	53.57	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	46.43	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK (GMS)-MUD		(SCS)-MUD				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	4.65	4.65	*****
6.50	13.95	18.60	*****
7.00	9.30	27.91	*****
7.50	9.30	37.21	*****
8.00	9.30	46.51	*****
8.50	6.98	53.49	*****
9.00	6.98	60.47	*****
9.50	4.65	65.12	*****
10.00	2.33	67.44	**
10.50	4.65	72.09	*****
11.00	2.33	74.42	**
11.50	5.81	80.23	*****
12.00	4.65	84.88	*****
****	15.12	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.17 1.79 .29 -.81 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.25	5TH	6.01	16TH	6.41	25TH	6.84
			75TH	11.05	84TH	11.91	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	46.51	(SEDIGRAPH)	53.49	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	46.51PCT.GRAV+SAND/SILT+CLAY			.00		
LABELS SHEPARD	-SILTY CLAY			FOLK(GMS)-MUD			(SCS)-MUD	

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	9.09	9.09	*****
7.00	7.58	16.67	*****
7.50	10.61	27.27	*****
8.00	9.09	36.36	*****
8.50	9.09	45.45	*****
9.00	9.09	54.55	*****
9.50	4.55	59.09	*****
10.00	4.55	63.64	*****
10.50	6.06	69.70	*****
11.00	3.03	72.73	***
11.50	3.03	75.76	***
12.00	3.03	78.79	***
****	21.21	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.38 1.55 .24 -.71

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.75	5TH	6.28	16TH	6.96	25TH	7.39	
			75TH	11.38	84TH	*****	95TH	*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00		
				(SEDIGRAPH)	36.36	(SEDIGRAPH)	63.64		
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	36.36PCT.GRAV+SAND/SILT+CLAY			.00			
LABELS SHEPARD -SILTY CLAY				FOLK(GMS)-MUD			(SCS)-MUD		

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	11.90	11.90	*****
7.00	9.52	21.43	*****
7.50	9.52	30.95	*****
8.00	5.95	36.90	*****
8.50	5.95	42.86	*****
9.00	7.14	50.00	*****
9.50	4.76	54.76	*****
10.00	4.76	59.52	*****
10.50	4.76	64.29	*****
11.00	4.76	69.05	*****
11.50	7.14	76.19	*****
12.00	5.95	82.14	*****
****	17.86	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.60 1.82 .16 -1.25 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.00	5TH	6.21	16TH	6.72	25TH	7.19
			75TH	11.42	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	36.90	(SEDIGRAPH)	63.10	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	36.90	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK (GMS)-MUD		(SCS)-MUD				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	4.55	4.55	*****
6.00	10.61	15.15	*****
6.50	12.12	27.27	*****
7.00	9.09	36.36	*****
7.50	12.12	48.48	*****
8.00	6.06	54.55	*****
8.50	6.06	60.61	*****
9.00	7.58	68.18	*****
9.50	4.55	72.73	*****
10.00	4.55	77.27	*****
10.50	3.03	81.82	***
11.00	3.03	84.85	***
11.50	1.52	87.88	**
12.00	10.61	89.39	*****
*****		100.00	

MEAN ST.DEV. SKEWNESS KURTOSIS

7.72 1.72 .28 -.69 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	7.63	5TH	5.52	16TH	6.04	25TH	6.41
			75TH	9.75	84TH	10.86	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)		0.00
				(SEDIGRAPH)	54.55	(SEDIGRAPH)		45.45
GRAVEL+SAND	.00	SILT/(SILT+CLAY)		54.55PCT. GRAV+SAND/SILT+CLAY				.00
LABELS SHEPARD -CLAYEY SILT FOLK(GMS)-MUD				(SCS)-MUD				



08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	9.52	9.52	*****
6.50	14.29	23.81	*****
7.00	9.52	33.33	*****
7.50	7.14	40.48	*****
8.00	5.95	46.43	*****
8.50	5.95	52.38	*****
9.00	5.95	58.33	*****
9.50	5.95	64.29	*****
10.00	4.76	69.05	*****
10.50	3.57	72.62	****
11.00	3.57	76.19	****
11.50	3.57	79.76	****
12.00	3.57	83.33	****
****	16.57	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

7.99 1.81 .27 -.89

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.30	5TH	5.76	16TH	6.23	25TH	6.56
			75TH	10.83	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	46.43	(SEDIGRAPH)	53.57	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	46.43	PCT. GRAV+SAND/SILT+CLAY	.00			
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-MUD				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	4.00	4.00	****
7.50	6.00	10.00	*****
8.00	10.00	20.00	*****
8.50	12.00	32.00	*****
9.00	8.00	40.00	*****
9.50	8.00	48.00	*****
10.00	6.00	54.00	*****
10.50	6.00	60.00	*****
11.00	4.00	64.00	****
11.50	6.00	70.00	*****
12.00	10.00	80.00	*****
****	20.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.24 1.53 .13 -1.13

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.67	5TH	7.08	16TH	7.80	25TH	8.21
			75TH	11.75	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	20.00	(SEDIGRAPH)	80.00	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	20.00	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-CLAY		FOLK(GMS)	-MUD		(SCS)	-CLAY	

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	8.70	8.70	*****
7.00	13.04	21.74	*****
7.50	6.52	28.26	*****
8.00	6.52	34.78	*****
8.50	6.52	41.30	*****
9.00	6.52	47.83	*****
9.50	6.52	54.35	*****
10.00	4.35	58.70	****
10.50	4.35	63.04	****
11.00	4.35	67.39	****
11.50	4.35	71.74	****
12.00	4.35	76.09	****
****	23.91	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.48 1.71 .20 -1.05 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.17	5TH	6.29	16TH	6.78	25TH	7.25
			75TH	11.88	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	34.78	(SEDIGRAPH)	65.22	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	34.78	PCT. GRAV+SAND/SILT+CLAY	.00			
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-MUD				

08/29/83

PHI	PCT.	CUMFCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	3.23	3.23	***
7.00	4.84	8.06	*****
7.50	11.29	19.35	*****
8.00	8.06	27.42	*****
8.50	8.06	35.48	*****
9.00	6.45	41.94	*****
9.50	8.06	50.00	*****
10.00	4.84	54.84	*****
10.50	6.45	61.29	*****
11.00	4.84	66.13	*****
11.50	4.84	70.97	*****
12.00	1.61	72.58	**
****	27.42	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.73 1.49 .13 -1.00

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.50	5TH	6.68	16TH	7.35	25TH	7.85
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	27.42	(SEDIGRAPH)	72.58	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	27.42	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD				(SCS)-CLAY		

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	6.67	6.67	*****
7.50	5.56	12.22	*****
8.00	8.89	21.11	*****
8.50	6.67	27.78	*****
9.00	5.56	33.33	*****
9.50	6.67	40.00	*****
10.00	5.56	45.56	*****
10.50	4.44	50.00	****
11.00	3.33	53.33	***
11.50	7.78	61.11	*****
12.00	7.78	68.89	*****
****	31.11	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.20 1.64 .07 -1.27

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.50	5TH 6.88	16TH 7.71	25TH 8.29
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 21.11	(SEDIGRAPH) 78.89	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 21.11	PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	3.13	3.13	***
7.50	9.38	12.50	*****
8.00	9.38	21.88	*****
8.50	9.38	31.25	*****
9.00	6.25	37.50	*****
9.50	6.25	43.75	*****
10.00	4.69	48.44	*****
10.50	6.25	54.69	*****
11.00	4.69	59.38	*****
11.50	6.25	65.63	*****
12.00	4.69	70.31	*****
****	29.69	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.06 1.50 .15 -1.15 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	10.13	5TH	7.10	16TH	7.69	25TH	8.17
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	21.88	(SEDIGRAPH)	78.13	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	21.88	PCT. GRAV+SAND/SILT+CLAY	.00			
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY				

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	5.00	5.00	*****
7.00	10.00	15.00	*****
7.50	7.50	22.50	*****
8.00	7.50	30.00	*****
8.50	7.50	37.50	*****
9.00	5.00	42.50	*****
9.50	7.50	50.00	*****
10.00	5.00	55.00	*****
10.50	3.75	58.75	****
11.00	3.75	62.50	****
11.50	6.25	68.75	*****
12.00	5.00	73.75	*****
****	26.25	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.72 1.69 .15 -1.11

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.50	5TH	6.50	16TH	7.07	25TH	7.67
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	30.00	(SEDIGRAPH)	70.00	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	30.00	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				

06/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	8.33	8.33	*****
6.50	12.50	20.83	*****
7.00	6.25	27.08	*****
7.50	10.42	37.50	*****
8.00	8.33	45.83	*****
8.50	8.33	54.17	*****
9.00	6.25	60.42	*****
9.50	6.25	66.67	*****
10.00	6.25	72.92	*****
10.50	6.25	79.17	*****
11.00	6.25	85.42	*****
11.50	6.25	91.67	*****
12.00	4.17	95.83	****
****	4.17	100.00	****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.36	1.83	.13	-1.14	KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI
8.48	2.07	.17	.75	FOLK GRAPHIC STATISTICAL PARAMETERS FOLK AND WARD, 1957

PERCENTILES	MEDIAN	8.25	5TH	5.80	16TH	6.31	25TH	6.83
			75TH	10.17	84TH	10.89	95TH	11.90
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	45.83	(SEDIGRAPH)	54.17	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	45.83	PCT. GRAV+SAND/SILT+CLAY	.00			
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-MUD				



08/29/83

PHI	PCT.	CUM.PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	2.78	2.78	***
7.00	8.33	11.11	*****
7.50	8.33	19.44	*****
8.00	8.33	27.78	*****
8.50	6.94	34.72	*****
9.00	6.94	41.67	*****
9.50	8.33	50.00	*****
10.00	5.56	55.56	*****
10.50	5.56	61.11	*****
11.00	5.56	66.67	*****
11.50	6.94	73.61	*****
12.00	12.50	86.11	*****
****	13.89	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.17 1.75 .03 -1.29

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.50	5TH	6.63	16TH	7.29	25TH	7.83
			75TH	11.56	84TH	11.92	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	27.78	(SEDIGRAPH)	72.22	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	27.78	PCT.GRAV+SAND/SILT+CLAY	.00			
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	6.45	6.45	*****
7.50	6.45	12.90	*****
8.00	9.68	22.58	*****
8.50	6.45	29.03	*****
9.00	6.45	35.48	*****
9.50	6.45	41.94	*****
10.00	4.84	46.77	*****
10.50	4.84	51.61	*****
11.00	4.84	56.45	*****
11.50	8.06	64.52	*****
12.00	12.90	77.42	*****
****	22.58	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.38 1.70 .01 -1.39

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.33	5TH 6.89	16TH 7.66	25TH 8.19
		75TH 11.91	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 22.58	(SEDIGRAPH) 77.42
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	22.58PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	FCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	5.56	5.56	*****
7.00	6.94	12.50	*****
7.50	4.17	16.67	****
8.00	8.33	25.00	*****
8.50	6.94	31.94	*****
9.00	6.94	38.89	*****
9.50	5.56	44.44	*****
10.00	4.17	48.61	****
10.50	5.56	54.17	*****
11.00	4.17	58.33	****
11.50	6.94	65.28	*****
12.00	6.94	72.22	*****
****	27.78	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.97 1.74 .05 -1.21 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.13	5TH 6.45	16TH 7.42	25TH 8.00
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 25.00	(SEDIGRAPH) 75.00
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	25.00	PCT. GRAV+SAND/SILT+CLAY .00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI PCT. CUM PCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	7.58	7.58	*****
7.50	7.58	15.15	*****
8.00	9.09	24.24	*****
8.50	6.06	30.30	*****
9.00	7.58	37.88	*****
9.50	6.06	43.94	*****
10.00	4.55	48.48	*****
10.50	7.58	56.06	*****
11.00	6.06	62.12	*****
11.50	7.58	69.70	*****
12.00	7.58	77.27	*****
****	22.73	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.19 1.63 .04 -1.31

KRUMBEIN + PETTICORN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.10	5TH 6.83	16TH 7.55	25TH 8.06
		75TH 11.85	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 24.24	(SEDIGRAPH) 75.76	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 24.24	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	7.14	7.14	*****
7.50	5.95	13.10	*****
8.00	5.95	19.05	*****
8.50	7.14	26.19	*****
9.00	5.95	32.14	*****
9.50	5.95	38.10	*****
10.00	2.38	40.48	**
10.50	5.95	46.43	*****
11.00	3.57	50.00	****
11.50	4.76	54.76	*****
12.00	5.95	60.71	*****
****	39.29	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.05 1.62 .11 -1.19 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.00	5TH 6.85	16TH 7.74	25TH 8.42
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 19.05	(SEDIGRAPH) 80.95
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 19.05	PCT. GRAV+SAND/SILT+CLAY .00	
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	6.94	6.94	*****
7.50	6.94	13.89	*****
8.00	8.33	22.22	*****
8.50	5.56	27.78	*****
9.00	5.56	33.33	*****
9.50	6.94	40.28	*****
10.00	6.94	47.22	*****
10.50	4.17	51.39	****
11.00	5.56	56.94	*****
11.50	9.72	66.67	*****
12.00	8.33	75.00	*****
****	25.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.31 1.66 -.00 -1.34

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.33	5TH 6.86	16TH 7.63	25TH 8.25
		75TH 12.00	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 22.22	(SEDIGRAPH) 77.78
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	22.22PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MU0		(SCS)-CLAY

08/29/83

PHI PCT. CUMPCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	7.50	7.50	*****
7.50	5.00	12.50	*****
8.00	10.00	22.50	*****
8.50	5.00	27.50	*****
9.00	7.50	35.00	*****
9.50	6.25	41.25	*****
10.00	5.00	46.25	*****
10.50	3.75	50.00	*****
11.00	7.50	57.50	*****
11.50	5.00	62.50	*****
12.00	10.00	72.50	*****
*****	27.50	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.25 1.66 .04 -1.30

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.50	5TH 6.83	16TH 7.68	25TH 8.25
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 22.50	(SEDIGRAPH) 77.50
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 22.50	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUMFCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	3.85	3.85	****
7.50	7.69	11.54	*****
8.00	7.59	19.23	*****
8.50	5.77	25.00	*****
9.00	5.77	30.77	*****
9.50	5.77	36.54	*****
10.00	5.77	42.31	*****
10.50	5.77	48.08	*****
11.00	5.77	53.85	*****
11.50	11.54	65.38	*****
12.00	9.62	75.00	*****
****	25.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.51 1.64 -.06 -1.37

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.67	5TH 7.08	16TH 7.79	25TH 8.50
		75TH 12.00	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 19.23	(SEDIGRAPH) 80.77
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	19.23PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY



08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	2.50	2.50	***
7.50	7.50	10.00	*****
8.00	6.25	16.25	*****
8.50	5.00	21.25	*****
9.00	5.00	26.25	*****
9.50	6.25	32.50	*****
10.00	5.00	37.50	*****
10.50	7.50	45.00	*****
11.00	7.50	52.50	*****
11.50	7.50	60.00	*****
12.00	7.50	67.50	*****
****	32.50	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.50 1.56 -.08 -1.27 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.83	5TH 7.17	16TH 7.98	25TH 8.88
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 16.25	(SEDIGRAPH) 83.75	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	16.25PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI PCT. CUM PCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	0.00	0.00	
7.50	5.88	5.88	*****
8.00	5.88	11.76	*****
8.50	5.88	17.65	*****
9.00	5.88	23.53	*****
9.50	4.41	27.94	****
10.00	5.88	33.82	*****
10.50	5.88	39.71	*****
11.00	4.41	44.12	****
11.50	5.88	50.00	*****
12.00	5.88	55.88	*****
****	44.12	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.47 1.46 .02 -1.26

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.50	5TH 7.43	16TH 8.36	25TH 9.17
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 11.76	(SEDIGRAPH) 88.24
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	11.76PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.
3.50		
4.00	0.00	0.00
4.50	0.00	0.00
5.00	0.00	0.00
5.50	0.00	0.00
6.00	0.00	0.00
6.50	0.00	0.00
7.00	0.00	0.00
7.50	2.63	2.63
8.00	5.25	7.89
8.50	7.89	15.79
9.00	5.26	21.05
9.50	3.95	25.00
10.00	5.26	30.26
10.50	5.26	35.53
11.00	7.89	43.42
11.50	11.84	55.26
12.00	10.53	65.79
****	34.21	100.00

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MEAN ST.DEV. SKEWNESS KURTOSIS

9.95 1.44 -.17 -1.28

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.28	5TH 7.73	16TH 8.52	25TH 9.50
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 7.89	(SEDIGRAPH) 92.11
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	7.89PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

0 8/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	3.13	3.13	***
7.00	6.25	9.38	*****
7.50	6.25	15.63	*****
8.00	4.69	20.31	*****
8.50	4.69	25.00	*****
9.00	4.69	29.69	*****
9.50	4.69	34.38	*****
10.00	4.69	39.06	*****
10.50	7.81	46.88	*****
11.00	3.13	50.00	***
11.50	4.69	54.69	*****
12.00	7.81	62.50	*****
****	37.50	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.13 1.75 -.00 -1.27

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.00	5TH 6.65	16TH 7.54	25TH 8.50
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 20.31	(SEDIGRAPH) 79.69
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	20.31PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI PCT. CUMPCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	4.88	4.88	*****
7.50	7.32	12.20	*****
8.00	4.88	17.07	*****
8.50	4.88	21.95	*****
9.00	4.88	26.83	*****
9.50	4.88	31.71	*****
10.00	3.66	35.37	****
10.50	3.66	39.02	****
11.00	4.88	43.90	*****
11.50	7.32	51.22	*****
12.00	4.88	56.10	*****
****	43.90	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.22 1.65 .03 -1.36

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.42	5TH 7.01	16TH 7.89	25TH 8.81
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 17.07	(SEDIGRAPH) 82.93
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	17.07PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	1.89	1.89	**
6.50	9.43	11.32	*****
7.00	7.55	18.87	*****
7.50	5.66	24.53	*****
8.00	4.72	29.25	*****
8.50	4.72	33.96	*****
9.00	4.72	38.68	*****
9.50	4.72	43.40	*****
10.00	4.72	48.11	*****
10.50	5.66	52.83	*****
11.00	7.55	58.49	*****
11.50	8.49	66.04	*****
12.00	25.47	74.53	*****
****		100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.88 1.96 .01 -1.42

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.20	5TH 6.17	16TH 6.81	25TH 7.55
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 29.25	(SEDIGRAPH) 70.75
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	29.25PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	2.08	2.08	**
7.00	4.17	6.25	****
7.50	6.25	12.50	*****
8.00	6.25	18.75	*****
8.50	5.21	23.96	*****
9.00	5.21	29.17	*****
9.50	6.25	35.42	*****
10.00	4.17	39.58	****
10.50	6.25	45.83	*****
11.00	6.25	52.08	*****
11.50	8.33	60.42	*****
12.00	10.42	70.83	*****
*****	29.17	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.45 1.71 -.09 -1.27 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.83	5TH 6.85	16TH 7.78	25TH 8.60
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 18.75	(SEDIGRAPH) 81.25
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	18.75PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	3.57	3.57	****
7.50	7.14	10.71	*****
8.00	4.46	15.18	****
8.50	4.46	19.64	****
9.00	4.46	24.11	****
9.50	5.36	29.46	*****
10.00	4.46	33.93	****
10.50	5.36	39.29	*****
11.00	5.36	44.64	*****
11.50	5.36	50.00	*****
12.00	8.93	58.93	*****
****	41.07	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.45 1.65 -.05 -1.32

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.50	5TH 7.10	16TH 8.09	25TH 9.08
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 15.18	(SEDIGRAPH) 84.82
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	15.18PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY



08/29/83

PHI PCT. CUMPCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	1.56	1.56	**
7.50	3.13	4.69	***
8.00	4.69	9.38	*****
8.50	6.25	15.63	*****
9.00	6.25	21.88	*****
9.50	4.69	26.56	*****
10.00	4.69	31.25	*****
10.50	4.69	35.94	*****
11.00	4.69	40.63	*****
11.50	6.25	46.88	*****
12.00	5.47	52.34	*****
****	47.56	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.51 1.47 -.01 -1.17 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.79	5TH 7.53	16TH 8.53	25TH 9.33
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 9.38	(SEDIGRAPH) 90.63
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	9.38PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM.PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	3.33	3.33	***
7.00	5.56	8.89	*****
7.50	6.67	15.56	*****
8.00	4.44	20.00	****
8.50	4.44	24.44	****
9.00	4.44	28.89	****
9.50	4.44	33.33	****
10.00	4.44	37.78	****
10.50	6.67	44.44	*****
11.00	3.33	47.78	***
11.50	10.00	57.78	*****
12.00	6.67	64.44	*****
****	35.56	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.25 1.78 -.07 -1.35 KRUMBEIN + PETTICORN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.11	5TH 6.65	16TH 7.55	25TH 8.56
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 20.00	(SEDIGRAPH) 80.00
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 20.00	PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	3.13	3.13	***
7.50	3.13	6.25	***
8.00	5.47	11.72	*****
8.50	7.03	18.75	*****
9.00	5.47	24.22	*****
9.50	5.47	29.69	*****
10.00	3.91	33.59	****
10.50	3.91	37.50	****
11.00	10.94	48.44	*****
11.50	17.19	65.63	*****
12.00	13.28	78.91	*****
****	21.09	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.98 1.56 -.28 -1.05 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.05	5TH 7.30	16TH 8.30	25TH 9.07
		75TH 11.85	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 11.72	(SEDIGRAPH) 88.28
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	11.72PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	2.17	2.17	**
7.50	6.52	8.70	*****
8.00	6.52	15.22	*****
8.50	4.35	19.57	****
9.00	6.52	26.09	*****
9.50	4.35	30.43	****
10.00	4.35	34.78	****
10.50	4.35	39.13	****
11.00	6.52	45.65	*****
11.50	6.52	52.17	*****
12.00	6.52	58.70	*****
****	41.30	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.42 1.58 -.01 -1.33

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.33	5TH 7.22	16TH 8.09	25TH 8.92
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 15.22	(SEDIGRAPH) 84.78
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	15.22PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MU0		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	7.86	7.86	*****
7.00	7.86	15.71	*****
7.50	5.00	20.71	*****
8.00	6.43	27.14	*****
8.50	4.29	31.43	*****
9.00	6.43	37.86	*****
9.50	5.00	42.86	*****
10.00	2.86	45.71	*****
10.50	6.43	52.14	*****
11.00	5.00	57.14	*****
11.50	5.71	62.86	*****
12.00	7.14	70.00	*****
*****	30.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.88 1.84 .05 -1.33 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.33	5TH 6.32	16TH 7.03	25TH 7.83
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 27.14	(SEDIGRAPH) 72.86
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 27.14	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	6.82	6.82	*****
7.50	6.82	13.64	*****
8.00	4.55	18.18	*****
8.50	5.68	23.86	*****
9.00	5.68	29.55	*****
9.50	3.41	32.95	***
10.00	5.68	38.64	*****
10.50	4.55	43.18	*****
11.00	5.68	48.86	*****
11.50	6.82	55.68	*****
12.00	5.68	61.36	*****
****	38.64	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.21 1.66 .01 -1.34

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.08	5TH 6.87	16TH 7.76	25TH 8.60
		75TH *****	84TH *****	95TH *****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 18.18	(SEDIGRAPH) 81.82
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	18.18	PCT. GRAV+SAND/SILT+CLAY .00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	6.06	6.06	*****
7.00	6.06	12.12	*****
7.50	7.58	19.70	*****
8.00	7.58	27.27	*****
8.50	6.06	33.33	*****
9.00	6.06	39.39	*****
9.50	6.06	45.45	*****
10.00	3.79	49.24	****
10.50	5.30	54.55	****
11.00	3.79	58.33	****
11.50	6.06	64.39	*****
12.00	5.30	69.70	*****
****	30.30	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.81 1.72 .11 -1.17 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	10.07	5TH	6.41	16TH	7.26	25TH	7.85
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	27.27	(SEDIGRAPH)	72.73	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	27.27	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	4.55	4.55	*****
7.50	6.82	11.36	*****
8.00	6.82	18.18	*****
8.50	4.55	22.73	*****
9.00	6.82	29.55	*****
9.50	4.55	34.09	*****
10.00	4.55	38.64	*****
10.50	5.68	43.18	*****
11.00	5.68	48.86	*****
11.50	6.82	54.55	*****
12.00	38.64	61.36	*****
*****	100.00		*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.26 1.62 .03 -1.31

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.10	5TH 7.03	16TH 7.84	25TH 8.67
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 18.18	(SEDIGRAPH) 81.82
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	18.18PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY



08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	2.35	2.35	**
7.00	5.88	8.24	*****
7.50	5.29	13.53	*****
8.00	5.88	19.41	*****
8.50	5.29	24.71	*****
9.00	5.88	30.59	*****
9.50	4.71	35.29	*****
10.00	4.12	39.41	****
10.50	5.29	44.71	*****
11.00	4.71	49.41	*****
11.50	6.47	55.88	*****
12.00	5.29	61.18	*****
****	38.82	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.11 1.69 .01 -1.25

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.05	5TH 6.73	16TH 7.71	25TH 8.53
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 19.41	(SEDIGRAPH) 80.59
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	19.41PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	6.17	6.17	*****
7.00	8.64	14.81	*****
7.50	6.17	20.99	*****
8.00	3.70	24.69	*****
8.50	7.41	32.10	*****
9.00	5.56	37.65	*****
9.50	5.56	43.21	*****
10.00	4.32	47.53	*****
10.50	5.56	53.09	*****
11.00	4.94	58.02	*****
11.50	4.94	62.96	*****
12.00	4.94	67.90	*****
****	32.10	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.80 1.74 .08 -1.22

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.22	5TH 6.41	16TH 7.10	25TH 8.02
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 24.69	(SEDIGRAPH) 75.31
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	24.69	PCT. GRAV+SAND/SILT+CLAY .00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUG		(SCS)-CLAY



08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	9.33	9.33	*****
7.00	8.00	17.33	*****
7.50	6.67	24.00	*****
8.00	4.67	28.67	*****
8.50	4.67	33.33	*****
9.00	4.67	38.00	*****
9.50	8.00	46.00	*****
10.00	4.67	50.67	*****
10.50	4.67	55.33	*****
11.00	4.00	59.33	*****
11.50	4.67	64.00	*****
12.00	5.33	69.33	*****
*****	30.67	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.68 1.79 .10 -1.22

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.93	5TH	6.27	16TH	6.92	25TH	7.61
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	28.67	(SEDIGRAPH)	71.33	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	28.67	PCT.GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	2.63	2.63	***
7.50	7.89	10.53	*****
8.00	5.26	15.79	*****
8.50	5.26	21.05	*****
9.00	5.26	26.32	*****
9.50	5.26	31.58	*****
10.00	3.95	35.53	****
10.50	3.95	39.47	****
11.00	5.26	44.74	*****
11.50	6.58	51.32	*****
12.00	6.58	57.89	*****
****	42.11	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.34 1.61 .02 -1.35 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.40	5TH 7.15	16TH 8.02	25TH 8.88
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 15.79	(SEDIGRAPH) 84.21	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 15.79	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUM.PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	4.41	4.41	****
7.00	5.88	10.29	*****
7.50	5.88	16.18	*****
8.00	5.88	22.06	*****
8.50	7.35	29.41	*****
9.00	5.88	35.29	*****
9.50	4.41	39.71	****
10.00	4.41	44.12	****
10.50	5.88	50.00	*****
11.00	4.41	54.41	****
11.50	7.35	61.76	*****
12.00	5.88	67.65	*****
****	32.35	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.03 1.73 .03 -1.25

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.50	5TH 6.55	16TH 7.49	25TH 8.20
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 22.06	(SEDIGRAPH) 77.94
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	22.06PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	1.43	1.43	*
7.00	4.29	5.71	****
7.50	4.29	10.00	****
8.00	5.71	15.71	*****
8.50	5.71	21.43	*****
9.00	5.00	26.43	*****
9.50	5.00	31.43	*****
10.00	4.29	35.71	****
10.50	5.00	40.71	*****
11.00	5.00	45.71	*****
11.50	5.71	51.43	*****
12.00	5.71	57.14	*****
****	42.86	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.25 1.63 -.02 -1.20 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.38	5TH 6.92	16TH 8.03	25TH 8.86
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 15.71	(SEDIGRAPH) 84.29	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 15.71	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	1.15	1.15	*
7.00	3.45	4.60	***
7.50	5.75	10.34	*****
8.00	5.75	16.09	*****
8.50	5.17	21.26	*****
9.00	5.75	27.01	*****
9.50	6.32	33.33	*****
10.00	4.02	37.36	****
10.50	5.75	43.10	*****
11.00	5.17	48.28	*****
11.50	6.90	55.17	*****
12.00	9.77	64.94	*****
****	35.06	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.46 1.66 -.06 -1.24

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.13	5TH 7.04	16TH 7.99	25TH 8.83
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 16.09	(SEDIGRAPH) 83.91
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	16.09PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY



08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	2.50	2.50	***
7.00	9.17	11.67	*****
7.50	5.00	16.67	*****
8.00	5.00	21.67	*****
8.50	5.00	26.67	*****
9.00	5.00	31.67	*****
9.50	5.00	36.67	*****
10.00	5.00	41.67	*****
10.50	5.00	46.67	*****
11.00	5.83	52.50	*****
11.50	5.83	58.33	*****
12.00	6.57	65.00	*****
****	35.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.08 1.75 .00 -1.33 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.79	5TH 6.64	16TH 7.43	25TH 8.33
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 21.67	(SEDIGRAPH) 78.33
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	21.67	PCT. GRAV+SAND/SILT+CLAY .00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	.54	.54	*
5.50	.54	1.08	*
6.00	0.00	1.08	
6.50	5.38	6.45	*****
7.00	5.38	11.83	*****
7.50	5.38	17.20	*****
8.00	5.38	22.58	*****
8.50	4.30	26.88	****
9.00	10.75	37.63	*****
9.50	4.30	41.94	****
10.00	5.38	47.31	*****
10.50	5.38	52.69	*****
11.00	6.45	59.14	*****
11.50	7.53	66.67	*****
12.00	5.38	72.04	*****
****	27.96	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.02 1.76 -.07 -1.02

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.25	5TH 6.37	16TH 7.39	25TH 8.28
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 22.58	(SEDIGRAPH) 77.42	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 22.58	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK (GMS) -MUD	(SCS) -CLAY	

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	1.02	1.02	*
6.50	5.10	6.12	*****
7.00	4.08	10.20	****
7.50	5.10	15.31	*****
8.00	5.10	20.41	*****
8.50	4.08	24.49	****
9.00	6.12	30.61	*****
9.50	4.08	34.69	****
10.00	4.08	38.78	****
10.50	5.10	43.88	*****
11.00	5.10	48.98	*****
11.50	6.12	55.10	*****
12.00	6.12	61.22	*****
****	38.78	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.06 1.81 -.04 -1.24

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.08	5TH 6.39	16TH 7.57	25TH 8.54
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 20.41	(SEDIGRAPH) 79.59
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	20.41PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	1.01	1.01	*
7.00	2.02	3.03	**
7.50	6.06	9.09	*****
8.00	7.07	16.16	*****
8.50	5.05	21.21	*****
9.00	5.05	26.26	*****
9.50	4.04	30.30	****
10.00	5.05	35.35	*****
10.50	4.04	39.39	****
11.00	5.05	44.44	*****
11.50	6.06	50.51	*****
12.00	5.05	55.56	*****
****	44.44	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.26 1.59 .02 -1.25

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.46	5TH 7.16	16TH 7.99	25TH 8.88
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 16.16	(SEDIGRAPH) 83.84
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	16.16PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	2.04	2.04	**
7.00	6.12	8.16	*****
7.50	6.12	14.29	*****
8.00	4.08	18.37	****
8.50	4.08	22.45	****
9.00	4.08	26.53	****
9.50	6.12	32.65	*****
10.00	4.08	36.73	****
10.50	6.12	42.86	*****
11.00	3.06	45.92	***
11.50	4.08	50.00	****
12.00	7.14	57.14	*****
****	42.86	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.13 1.72 .01 -1.25 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.50	5TH 6.74	16TH 7.71	25TH 8.81
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 18.37	(SEDIGRAPH) 81.63	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 18.37	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	2.60	2.60	***
7.00	7.79	10.39	*****
7.50	7.79	18.18	*****
8.00	5.19	23.38	*****
8.50	5.19	28.57	*****
9.00	5.19	33.77	*****
9.50	5.19	38.96	*****
10.00	4.55	43.51	*****
10.50	4.55	48.05	*****
11.00	5.19	53.25	*****
11.50	9.09	62.34	*****
12.00	10.39	72.73	*****
****	27.27	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.25 1.82 -.03 -1.42

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.69	5TH 6.65	16TH 7.36	25TH 8.16
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 23.38	(SEDIGRAPH) 76.62
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	23.38PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUO	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	1.79	1.79	**
7.00	3.57	5.36	****
7.50	7.14	12.50	*****
8.00	7.14	19.64	*****
8.50	5.36	25.00	****
9.00	5.36	30.36	****
9.50	5.36	35.71	****
10.00	3.57	39.29	****
10.50	6.25	45.54	*****
11.00	6.25	51.79	*****
11.50	5.36	57.14	*****
12.00	5.36	62.50	*****
****	37.50	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.16 1.63 .02 -1.24

KRUMBEIN + PETTICORN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.86	5TH 6.95	16TH 7.75	25TH 8.50
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 19.64	(SEDIGRAPH) 80.36
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	19.64PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	7.94	7.94	*****
6.50	11.11	19.05	*****
7.00	4.76	23.81	*****
7.50	6.35	30.16	*****
8.00	6.35	36.51	*****
8.50	4.76	41.27	*****
9.00	6.35	47.62	*****
9.50	4.76	52.38	*****
10.00	3.17	55.56	***
10.50	4.76	60.32	*****
11.00	4.76	65.08	*****
11.50	4.76	69.84	*****
12.00	4.76	74.60	*****
****	25.40	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.34 1.92 .15 -1.20

KRUMBEIN + PETTICORN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.25	5TH	5.82	16TH	6.36	25TH	7.09
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	36.51	(SEDIGRAPH)	63.49	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	36.51PCT.	GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-MUD				



08/29/83

PHI	PCT.	CUMFCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	4.26	4.26	****
7.50	7.45	11.70	*****
8.00	7.45	19.15	*****
8.50	6.38	25.53	*****
9.00	4.26	29.79	****
9.50	4.26	34.04	****
10.00	6.38	40.43	*****
10.50	6.38	46.81	*****
11.00	4.26	51.06	****
11.50	6.38	57.45	*****
12.00	6.38	63.83	*****
****	36.17	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.24 1.60 .03 -1.31

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.88	5TH 7.05	16TH 7.79	25TH 8.46
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 19.15	(SEDIGRAPH) 80.85
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	19.15PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	.57	.57	*
5.00	.57	1.14	*
5.50	1.14	2.27	*
6.00	1.14	3.41	*
6.50	2.27	5.68	**
7.00	3.41	9.09	***
7.50	4.55	13.64	*****
8.00	2.27	15.91	**
8.50	6.82	22.73	*****
9.00	4.55	27.27	*****
9.50	5.58	32.95	*****
10.00	4.55	37.50	*****
10.50	5.58	43.18	*****
11.00	4.55	47.73	*****
11.50	6.82	54.55	*****
12.00	7.95	62.50	*****
****	37.50	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.21 1.90 -.21 -.68

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.17	5TH 6.35	16TH 8.01	25TH 8.75
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 15.91	(SEDIGRAPH) 84.09
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	15.91PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMFCT.	
3.50			
4.00	0.00	0.00	
4.50	.81		*
5.00	1.61	2.42	**
5.50	.81	3.23	*
6.00	1.61	4.84	**
6.50	3.23	8.06	***
7.00	4.84	12.90	*****
7.50	6.45	19.35	*****
8.00	8.06	27.42	*****
8.50	6.45	33.87	*****
9.00	4.84	38.71	*****
9.50	6.45	45.16	*****
10.00	6.45	51.61	*****
10.50	6.45	58.06	*****
11.00	6.45	64.52	*****
11.50	3.23	70.97	***
12.00	25.81	74.19	*****
*****	100.00		*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.77 1.83 -.13 -.70

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.88	5TH	6.03	16TH	7.24	25TH	7.85
			75TH	*****	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	27.42	(SEDIGRAPH)	72.58	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	27.42	PCT. GRAV+SAND/SILT+CLAY	.00			
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	4.88	4.88	*****
7.50	6.10	10.98	*****
8.00	6.10	17.07	*****
8.50	6.10	23.17	*****
9.00	6.10	29.27	*****
9.50	6.10	35.37	*****
10.00	7.32	42.68	*****
10.50	6.10	48.78	*****
11.00	4.88	53.66	*****
11.50	6.10	59.76	*****
12.00	7.32	67.07	*****
****	32.93	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.32 1.57 -.00 -1.19

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.63	5TH 7.01	16TH 7.91	25TH 8.65
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 17.07	(SEDIGRAPH) 82.93
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	17.07PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	3.85	3.85	****
7.50	5.13	8.97	*****
8.00	6.41	15.38	*****
8.50	3.85	19.23	****
9.00	6.41	25.64	*****
9.50	6.41	32.05	*****
10.00	5.13	37.18	*****
10.50	6.41	43.59	*****
11.00	6.41	50.00	*****
11.50	7.69	57.69	*****
12.00	6.41	64.10	*****
****	35.90	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.46 1.55 -.07 -1.20

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.00	5TH 7.11	16TH 8.08	25TH 8.95
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 15.38	(SEDIGRAPH) 84.62
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	15.38PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY



08/29/83

PHI PCT. CUMPCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	6.10	6.10	*****
7.50	6.10	12.20	*****
8.00	7.32	19.51	*****
8.50	7.32	26.83	*****
9.00	4.88	31.71	*****
9.50	4.88	36.59	*****
10.00	4.88	41.46	*****
10.50	7.32	48.78	*****
11.00	4.88	53.66	*****
11.50	6.10	59.76	*****
12.00	7.32	67.07	*****
****	32.93	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.24 1.63 .03 -1.30

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.63	5TH 6.91	16TH 7.76	25TH 8.38
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 19.51	(SEDIGRAPH) 80.49
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 19.51	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	5.71	5.71	*****
7.00	5.71	11.43	*****
7.50	5.71	17.14	*****
8.00	5.71	22.86	*****
8.50	7.14	30.00	*****
9.00	7.14	37.14	*****
9.50	5.71	42.86	*****
10.00	5.71	48.57	*****
10.50	7.14	55.71	*****
11.00	7.14	62.86	*****
11.50	5.71	68.57	*****
12.00	7.14	75.71	*****
****	24.29	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.09 1.71 -.03 -1.19

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.10	5TH 6.44	16TH 7.40	25TH 8.15
		75TH 11.95	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 22.86	(SEDIGRAPH) 77.14
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	22.86PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY



08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	3.49	3.49	***
7.50	3.49	6.98	***
8.00	5.81	12.79	*****
8.50	5.81	18.60	*****
9.00	4.65	23.26	*****
9.50	4.65	27.91	*****
10.00	5.81	33.72	*****
10.50	5.81	39.53	*****
11.00	5.81	45.35	*****
11.50	6.98	52.33	*****
12.00	5.81	58.14	*****
****	41.86	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.48 1.54 -.07 -1.19 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.33	5TH 7.22	16TH 8.28	25TH 9.19
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 12.79	(SEDIGRAPH) 87.21
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	12.79PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK (GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	.77	.77	*
6.50	2.31	3.08	**
7.00	4.52	7.69	*****
7.50	4.62	12.31	*****
8.00	6.92	19.23	*****
8.50	5.38	24.62	*****
9.00	6.15	30.77	*****
9.50	6.15	36.92	*****
10.00	4.52	41.54	*****
10.50	6.15	47.69	*****
11.00	4.62	52.31	*****
11.50	6.15	58.46	*****
12.00	6.15	64.62	*****
****	35.38	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.15 1.67 -.02 -1.11

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.75	5TH 6.71	16TH 7.77	25TH 8.53
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 19.23	(SEDIGRAPH) 80.77	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 19.23	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	2.86	2.86	***
6.50	5.71	8.57	*****
7.00	5.71	14.29	*****
7.50	7.14	21.43	*****
8.00	5.71	27.14	*****
8.50	5.00	32.14	*****
9.00	5.71	37.86	*****
9.50	5.00	42.86	*****
10.00	5.00	47.86	*****
10.50	6.43	54.29	*****
11.00	3.57	57.86	****
11.50	5.71	63.57	*****
12.00	5.71	69.29	*****
****	30.71	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.79 1.82 .04 -1.21 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.17	5TH 6.19	16TH 7.12	25TH 7.81
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 27.14	(SEDIGRAPH) 72.86	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 27.14	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -SILTY CLAY FOLK(GMS)-MUD			(SCS)-CLAY	

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	2.27	2.27	**
7.50	6.82	9.09	*****
8.00	4.55	13.64	*****
8.50	5.68	19.32	*****
9.00	5.68	25.00	*****
9.50	4.55	29.55	*****
10.00	5.68	35.23	*****
10.50	6.82	42.05	*****
11.00	6.82	48.86	*****
11.50	6.82	55.68	*****
12.00	5.68	61.36	*****
****	38.64	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.46 1.52 -.07 -1.23

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.08	5TH 7.20	16TH 8.21	25TH 9.00
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 13.64	(SEDIGRAPH) 86.36
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	13.64	PCT. GRAV+SAND/SILT+CLAY .00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI PCT. CUM PCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	1.69	1.69	**
6.50	3.39	5.08	***
7.00	4.24	9.32	****
7.50	5.93	15.25	*****
8.00	6.78	22.03	*****
8.50	5.93	27.97	*****
9.00	5.93	33.90	*****
9.50	5.08	38.98	*****
10.00	5.08	44.07	*****
10.50	6.78	50.85	*****
11.00	5.08	55.93	*****
11.50	5.08	61.02	*****
12.00	5.08	66.10	*****
****	33.90	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.98 1.70 -.01 -1.09 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY.

PERCENTILES	MEDIAN 10.44	5TH 6.49	16TH 7.56	25TH 8.25
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 22.03	(SEDIGRAPH) 77.97
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 22.03	PCT. GRAV+SAND/SILT+CLAY .00	
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	.39	.39	
5.00	.39	.78	
5.50	.39	1.17	
6.00	.39	1.56	
6.50	6.25	7.81	*****
7.00	3.13	10.94	***
7.50	7.81	18.75	*****
8.00	7.81	26.56	*****
8.50	6.25	32.81	*****
9.00	6.25	39.06	*****
9.50	6.25	45.31	*****
10.00	4.69	50.00	*****
10.50	5.47	55.47	*****
11.00	6.25	61.72	*****
11.50	6.25	67.97	*****
12.00	4.59	72.66	*****
****	27.34	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.86 1.76 -.03 -.93

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	10.00	5TH	6.28	16TH	7.32	25TH	7.90
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	26.56	(SEDIGRAPH)	73.44	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	26.56	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	5.71	5.71	*****
7.00	5.71	11.43	*****
7.50	8.57	20.00	*****
8.00	7.14	27.14	*****
8.50	4.29	31.43	****
9.00	5.71	37.14	*****
9.50	7.14	44.29	*****
10.00	4.29	48.57	****
10.50	7.14	55.71	*****
11.00	5.71	61.43	*****
11.50	7.14	68.57	*****
12.00	11.43	80.00	*****
****	20.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.18 1.82 -.02 -1.34

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.10	5TH 6.44	16TH 7.27	25TH 7.85
		75TH 11.78	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 27.14	(SEDIGRAPH) 72.86
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	27.14PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	5.43	5.43	*****
6.50	4.35	9.78	****
7.00	3.26	13.04	***
7.50	7.51	20.65	*****
8.00	6.52	27.17	*****
8.50	5.43	32.61	*****
9.00	6.52	39.13	*****
9.50	4.35	43.48	****
10.00	4.35	47.83	****
10.50	5.43	53.26	*****
11.00	6.52	59.78	*****
11.50	5.43	65.22	*****
12.00	6.52	71.74	*****
****	28.26	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.84 1.87 -.01 -1.19

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.20	5TH 5.96	16TH 7.19	25TH 7.83
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 27.17	(SEDIGRAPH) 72.83
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	27.17PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY



08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	3.33	3.33	***
7.50	5.56	8.89	*****
8.00	5.56	14.44	*****
8.50	5.56	20.00	*****
9.00	4.44	24.44	****
9.50	5.56	30.00	*****
10.00	5.56	35.56	*****
10.50	4.44	40.00	****
11.00	6.57	46.67	*****
11.50	7.78	54.44	*****
12.00	7.78	62.22	*****
****	37.78	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.52 1.60 -.08 -1.28

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.21	5TH 7.15	16TH 8.14	25TH 9.05
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 14.44	(SEDIGRAPH) 85.56
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	14.44	PCT. GRAV+SAND/SILT+CLAY .00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	.75	.75	*
5.50	.75	1.49	*
6.00	1.49	2.99	*
6.50	2.24	5.22	**
7.00	2.24	7.46	**
7.50	5.37	13.43	*****
8.00	7.46	20.90	*****
8.50	4.48	25.37	****
9.00	5.22	30.60	*****
9.50	4.48	35.07	****
10.00	5.97	41.04	*****
10.50	5.22	46.27	*****
11.00	5.97	52.24	*****
11.50	5.22	57.46	*****
12.00	5.22	62.69	*****
****	37.31	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.04 1.77 -.11 -.84

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.81	5TH 6.45	16TH 7.67	25TH 8.46
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 20.90	(SEDIGRAPH) 79.10
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 20.90	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI PCT. CUMPCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	5.41	5.41	*****
7.50	10.81	16.22	*****
8.00	6.76	22.97	*****
8.50	4.05	27.03	****
9.00	8.11	35.14	*****
9.50	5.41	40.54	*****
10.00	9.46	50.00	*****
10.50	12.16	62.16	*****
11.00	13.51	75.68	*****
11.50	10.81	86.49	*****
12.00	10.81	97.30	*****
****	2.70	100.00	***

MEAN ST.DEV. SKEWNESS KURTOSIS

9.58	1.58	-.17	-1.17	KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI
9.63	1.72	-.26	.74	FOLK GRAPHIC STATISTICAL PARAMETERS FOLK AND WARD, 1957

PERCENTILES	MEDIAN 10.00	5TH 6.96	16TH 7.49	25TH 8.25
		75TH 10.98	84TH 11.39	95TH 11.89
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 22.97	(SEDIGRAPH) 77.03	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 22.97	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK (GMS) -MUD	(SCS) -CLAY	

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	1.39	1.39	*
6.50	1.39	2.78	*
7.00	4.17	6.94	****
7.50	5.56	12.50	*****
8.00	4.17	16.67	****
8.50	5.56	22.22	*****
9.00	5.56	27.78	*****
9.50	5.56	33.33	*****
10.00	5.56	38.89	*****
10.50	5.56	44.44	*****
11.00	5.56	50.00	*****
11.50	5.56	55.56	*****
12.00	6.94	62.50	*****
****	37.50	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.25 1.69 -.08 -1.07

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.00	5TH 6.77	16TH 7.92	25TH 8.75
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 16.67	(SEDIGRAPH) 83.33
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	16.67PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI PCT. CUMPCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	2.50	2.50	***
7.50	5.00	7.50	*****
8.00	5.00	12.50	*****
8.50	5.00	17.50	*****
9.00	5.00	22.50	*****
9.50	5.00	27.50	*****
10.00	5.00	32.50	*****
10.50	5.00	37.50	*****
11.00	6.25	43.75	*****
11.50	7.50	51.25	*****
12.00	6.25	57.50	*****
****	42.50	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.53 1.55 -.08 -1.24

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.42	5TH 7.25	16TH 8.35	25TH 9.25
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 12.50	(SEDIGRAPH) 87.50
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	12.50	PCT. GRAV+SAND/SILT+CLAY .00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	1.47	1.47	*
6.00	1.47	2.94	*
6.50	4.41	7.35	****
7.00	4.41	11.76	****
7.50	7.35	19.12	*****
8.00	7.35	26.47	*****
8.50	5.88	32.35	*****
9.00	5.88	38.24	*****
9.50	5.88	44.12	*****
10.00	4.41	48.53	****
10.50	4.41	52.94	****
11.00	4.41	57.35	****
11.50	5.88	63.24	*****
12.00	7.35	70.59	*****
****	29.41	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.88 1.83 .02 -1.09 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.17	5TH 6.23	16TH 7.29	25TH 7.90
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 26.47	(SEDIGRAPH) 73.53	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 26.47	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	1.45	1.45	*
6.00	1.45	2.90	*
6.50	2.90	5.80	***
7.00	2.90	8.70	***
7.50	5.80	14.49	*****
8.00	5.80	20.29	*****
8.50	5.07	25.36	*****
9.00	5.07	30.43	*****
9.50	4.35	34.78	****
10.00	4.35	39.13	****
10.50	5.80	44.93	*****
11.00	5.80	50.72	*****
11.50	5.80	56.52	*****
12.00	10.14	66.67	*****
****	33.33	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.23 1.87 -.12 -1.08 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.94	5TH 6.36	16TH 7.63	25TH 8.46
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 20.29	(SEDIGRAPH) 79.71	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 20.29	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI PCT. CUM PCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	2.88	2.88	***
7.50	5.77	8.65	*****
8.00	5.77	14.42	*****
8.50	5.77	20.19	*****
9.00	4.81	25.00	*****
9.50	3.85	28.85	****
10.00	5.77	34.62	*****
10.50	5.77	40.38	*****
11.00	4.81	45.19	*****
11.50	7.69	52.88	*****
12.00	10.58	63.46	*****
****	36.54	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.60 1.63 -.08 -1.32 KRUMBEIN + PETTILJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.31	5TH 7.18	16TH 8.14	25TH 9.00
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 14.42	(SEDIGRAPH) 85.58
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	14.42PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY



08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	2.33	2.33	**
5.50	2.33	4.65	**
6.00	2.33	6.98	**
6.50	2.33	9.30	**
7.00	2.33	11.63	**
7.50	4.65	16.28	*****
8.00	5.81	22.09	*****
8.50	4.65	26.74	*****
9.00	4.65	31.40	*****
9.50	4.65	36.05	*****
10.00	3.49	39.53	***
10.50	4.65	44.19	*****
11.00	4.65	48.84	*****
11.50	5.81	54.65	*****
12.00	5.81	60.47	*****
*****	39.53	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.82 2.03 -.13 -.95 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	11.10	5TH	5.58	16TH	7.47	25TH	8.31
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	22.09	(SEDIGRAPH)	77.91	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	22.09	PCT.GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	1.96	1.96	**
7.50	4.90		*****
8.00	5.88	12.75	*****
8.50	4.90	17.65	*****
9.00	5.88	23.53	*****
9.50	4.90	28.43	*****
10.00	4.90	33.33	*****
10.50	4.90	38.24	*****
11.00	4.90	43.14	*****
11.50	6.86	50.00	*****
12.00	10.78	60.78	*****
****	39.22	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.65 1.99 -.07 -1.30

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.50	5TH 7.31	16TH 8.33	25TH 9.15
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 12.75	(SEDIGRAPH) 87.25
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	12.75PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	1.52	1.52	**
6.00	1.52	3.03	**
6.50	3.03	6.06	***
7.00	3.79	9.85	****
7.50	5.30	15.15	*****
8.00	7.58	22.73	*****
8.50	6.06	28.79	*****
9.00	5.30	34.09	*****
9.50	5.30	39.39	*****
10.00	3.03	42.42	***
10.50	4.55	46.97	****
11.00	6.05	53.03	*****
11.50	6.06	59.09	*****
12.00	4.55	63.64	*****
****	36.36	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.90 1.79 -.03 -1.04 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	10.75	5TH	6.33	16TH	7.56	25TH	8.19
			75TH	*****	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	22.73	(SEDIGRAPH)	77.27	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	22.73	PCT. GRAV+SAND/SILT+CLAY	.00			
LABELS SHEPARD	-CLAY	FOLK(GMS)	-MUD	(SCS)	-CLAY			

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	2.13	2.13	**
7.50	8.51	10.64	*****
8.00	6.38	17.02	*****
8.50	5.32	22.34	*****
9.00	5.32	27.66	*****
9.50	5.32	32.98	*****
10.00	4.26	37.23	*****
10.50	6.38	43.62	*****
11.00	5.32	48.94	*****
11.50	6.38	55.32	*****
12.00	6.38	61.70	*****
****	38.30	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.34 1.57 .02 -1.33

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.08	5TH 7.17	16TH 7.92	25TH 8.75
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 17.02	(SEDIGRAPH) 82.98
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	17.02PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	6.98	6.98	*****
7.00	4.65	11.63	*****
7.50	10.47	22.09	*****
8.00	8.14	30.23	*****
8.50	4.65	34.88	*****
9.00	6.98	41.86	*****
9.50	4.65	46.51	*****
10.00	4.65	51.16	*****
10.50	5.81	56.98	*****
11.00	4.65	61.63	*****
11.50	5.81	67.44	*****
12.00	9.30	76.74	*****
****	23.26	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.94 1.80 .08 -1.29

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.88	5TH	6.36	16TH	7.21	25TH	7.68
			75TH	11.91	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	30.23	(SEDIGRAPH)	69.77	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	30.23	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				

0 8/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	3.13	3.13	***
7.00	5.21	8.33	*****
7.50	4.17	12.50	****
8.00	12.50	25.00	*****
8.50	6.25	31.25	*****
9.00	6.25	37.50	*****
9.50	6.25	43.75	*****
10.00	6.25	50.00	*****
10.50	6.25	56.25	*****
11.00	2.08	58.33	**
11.50	6.25	64.58	*****
12.00	8.33	72.92	*****
****	27.08	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.07 1.66 .08 -1.12

KRUMBEIN + PETTICORN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.00	5TH 6.68	16TH 7.64	25TH 8.00
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 25.00	(SEDIGRAPH) 75.00
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	25.00PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	1.89	1.89	**
6.50	3.77	5.66	****
7.00	3.77	9.43	****
7.50	8.49	17.92	*****
8.00	9.43	27.36	*****
8.50	5.66	33.02	*****
9.00	6.50	39.62	*****
9.50	5.66	45.28	*****
10.00	3.77	49.06	****
10.50	4.72	53.77	****
11.00	2.83	56.60	***
11.50	5.66	62.26	*****
12.00	6.60	68.87	*****
****	31.13	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.83 1.73 .11 -1.06 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.10	5TH 6.41	16TH 7.39	25TH 7.88
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 27.36	(SEDIGRAPH) 72.64
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	27.36PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SGS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	2.56	2.56	***
7.50	8.97	11.54	*****
8.00	7.69	19.23	*****
8.50	7.69	26.92	*****
9.00	5.13	32.05	*****
9.50	7.69	39.74	*****
10.00	5.13	44.87	*****
10.50	7.69	52.56	*****
11.00	3.85	56.41	****
11.50	7.59	64.10	*****
12.00	6.41	70.51	*****
****	29.49	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.27 1.54 .05 -1.25

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.33	5TH 7.14	16TH 7.79	25TH 8.38
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 19.23	(SEDIGRAPH) 80.77
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	19.23PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	



08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	1.43	1.43	*
6.50	2.86	4.29	***
7.00	5.00	9.29	*****
7.50	7.86	17.14	*****
8.00	7.86	25.00	*****
8.50	7.86	32.86	*****
9.00	7.14	40.00	*****
9.50	7.14	47.14	*****
10.00	5.00	52.14	*****
10.50	4.29	56.43	****
11.00	5.00	61.43	*****
11.50	5.71	67.14	*****
12.00	4.29	71.43	****
****	28.57	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.85 1.62 .08 -.98

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.79	5TH	6.57	16TH	7.43	25TH	8.00
			75TH	*****	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	25.00	(SEDIGRAPH)	75.00	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	25.00	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-CLAY		FOLK(GMS)-MUD			(SCS)-CLAY		

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	.76	.76	*
5.00	.38	1.14	
5.50	.38	1.52	
6.00	1.52	3.03	**
6.50	3.03	6.06	***
7.00	5.30	11.36	*****
7.50	6.82	18.18	*****
8.00	9.09	27.27	*****
8.50	6.82	34.09	*****
9.00	6.82	40.91	*****
9.50	5.30	46.21	*****
10.00	3.79	50.00	*****
10.50	5.30	55.30	*****
11.00	3.79	59.09	*****
11.50	5.30	64.39	*****
12.00	4.55	68.94	*****
*****	31.06	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.71 1.75 .02 -.70

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	10.00	5TH	6.33	16TH	7.34	25TH	7.88
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	27.27	(SEDIGRAPH)	72.73	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	27.27	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	3.13	3.13	***
7.50	8.33	11.46	*****
8.00	6.25	17.71	*****
8.50	6.25	23.96	*****
9.00	6.25	30.21	*****
9.50	5.21	35.42	*****
10.00	5.21	40.63	*****
10.50	5.21	45.83	*****
11.00	5.21	51.04	*****
11.50	5.21	56.25	*****
12.00	6.25	62.50	*****
****	37.50	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.23 1.56 .06 -1.25 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.90	5TH 7.11	16TH 7.86	25TH 8.58
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 17.71	(SEDIGRAPH) 82.29
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	17.71PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	.32	.32	
5.00	.32	.65	
5.50	.32	.97	
6.00	1.62	2.60	**
6.50	4.55	7.14	*****
7.00	5.84	12.99	*****
7.50	6.49	19.48	*****
8.00	7.79	27.27	*****
8.50	6.49	33.77	*****
9.00	6.49	40.26	*****
9.50	5.19	45.45	*****
10.00	5.19	50.65	*****
10.50	4.55	55.19	*****
11.00	5.19	60.39	*****
11.50	5.19	65.58	*****
12.00	5.84	71.43	*****
****	28.57	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.79 1.79 .02 -.96

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.94	5TH	6.26	16TH	7.23	25TH	7.85
			75TH	*****	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	27.27	(SEDIGRAPH)	72.73	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	27.27	PCT.GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	2.04	2.04	**
7.50	4.08	6.12	****
8.00	8.16	14.29	*****
8.50	4.08	18.37	****
9.00	6.12	24.49	*****
9.50	6.12	30.61	*****
10.00	4.08	34.69	****
10.50	6.12	40.82	*****
11.00	6.12	46.94	*****
11.50	7.14	54.08	*****
12.00	7.14	61.22	*****
****	38.78	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.53 1.53 -.05 -1.26

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	5TH	16TH	25TH
	11.21	7.36	8.21	9.04
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 14.29	(SEDIGRAPH) 85.71	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 14.29	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	1.61	1.61	**
6.00	1.61	3.23	**
6.50	4.84	8.06	*****
7.00	4.84	12.90	*****
7.50	8.06	20.97	*****
8.00	8.87	29.84	*****
8.50	6.45	36.29	*****
9.00	5.65	41.94	*****
9.50	6.45	48.39	*****
10.00	3.23	51.61	***
10.50	6.45	58.06	*****
11.00	3.23	61.29	***
11.50	5.65	66.94	*****
12.00	6.45	73.39	*****
****	26.61	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.74 1.80 .06 -1.03

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.75	5TH	6.18	16TH	7.19	25TH	7.73
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	29.84	(SEDIGRAPH)	70.16	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	29.84	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				

08/29/83

PHI	PCT.	CUM PCT.
3.50		
4.00	0.00	0.00
4.50	0.00	0.00
5.00	0.00	0.00
5.50	0.00	0.00
6.00	0.00	0.00
6.50	0.00	0.00
7.00	0.00	0.00
7.50	5.66	5.66
8.00	5.66	11.32
8.50	4.72	16.04
9.00	6.60	22.64
9.50	5.66	28.30
10.00	5.66	33.96
10.50	6.60	40.57
11.00	4.72	45.28
11.50	7.55	52.83
12.00	6.60	59.43
****	40.57	100.00

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MEAN ST.DEV. SKEWNESS KURTOSIS

9.59 1.45 -.04 -1.23

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.31	5TH 7.44	16TH 8.50	25TH 9.21
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 11.32	(SEDIGRAPH) 88.68
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	11.32PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI PCT. CUM PCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	2.53	2.53	***
7.00	3.16	5.70	***
7.50	6.96	12.66	*****
8.00	6.96	19.62	*****
8.50	6.96	26.58	*****
9.00	5.70	32.28	*****
9.50	5.70	37.97	*****
10.00	4.43	42.41	****
10.50	5.70	48.10	*****
11.00	5.06	53.16	*****
11.50	5.06	58.23	*****
12.00	6.96	65.19	*****
****	34.81	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.15 1.64 .04 -1.17

KRUMBEIN + PETTICORN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.69	5TH 6.89	16TH 7.74	25TH 8.39
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 19.62	(SEDIGRAPH) 80.38
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	19.62PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY



08/29/83

PHI PCT. CUMFCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	3.85	3.85	****
7.50	5.77	9.62	*****
8.00	5.77	15.38	*****
8.50	5.77	21.15	*****
9.00	5.77	26.92	*****
9.50	4.81	31.73	*****
10.00	4.81	36.54	*****
10.50	5.77	42.31	*****
11.00	5.77	48.08	*****
11.50	5.77	53.85	*****
12.00	5.77	59.62	*****
****	40.38	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.32 1.57 -.00 -1.25 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.17	5TH 7.10	16TH 8.05	25TH 8.83
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 15.38	(SEDIGRAPH) 84.62
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	15.38PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	1.30	1.30	*
7.00	3.90	5.19	*****
7.50	3.90	9.09	*****
8.00	5.84	14.94	*****
8.50	6.49	21.43	*****
9.00	4.55	25.97	*****
9.50	6.49	32.47	*****
10.00	5.19	37.66	*****
10.50	4.55	42.21	*****
11.00	5.84	48.05	*****
11.50	5.19	53.25	*****
12.00	6.49	59.74	*****
****	40.26	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.31 1.60 -.03 -1.13

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.19	5TH 6.98	16TH 8.08	25TH 8.89
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 14.94	(SEDIGRAPH) 85.06
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	14.94PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	1.79	1.79	**
7.00	5.36	7.14	*****
7.50	7.14	14.29	*****
8.00	5.36	19.64	*****
8.50	3.57	23.21	****
9.00	7.14	30.36	*****
9.50	4.46	34.82	****
10.00	4.46	39.29	****
10.50	5.36	44.64	*****
11.00	5.36	50.00	*****
11.50	5.36	55.36	*****
12.00	6.25	61.61	*****
****	38.39	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.15 1.68 .01 -1.26

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.00	5TH 6.80	16TH 7.66	25TH 8.63
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 19.64	(SEDIGRAPH) 80.36
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 19.64	PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	1.52	1.52	**
6.50	7.58	9.09	*****
7.00	7.58	16.67	*****
7.50	7.58	24.24	*****
8.00	7.58	31.82	*****
8.50	6.06	37.88	*****
9.00	6.06	43.94	*****
9.50	4.55	48.48	*****
10.00	4.55	53.03	*****
10.50	4.55	57.58	*****
11.00	4.55	62.12	*****
11.50	6.06	68.18	*****
12.00	4.55	72.73	*****
****	27.27	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.63 1.78 .13 -1.17 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.67	5TH	6.23	16TH	6.96	25TH	7.55
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	31.82	(SEDIGRAPH)	68.18	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	31.82	PCT.GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	.96		*
5.00	.96	1.92	*
5.50	.96	2.88	*
6.00	.96	3.85	*
6.50	3.85	7.69	****
7.00	4.81	12.50	*****
7.50	6.73	19.23	*****
8.00	5.77	25.00	*****
8.50	5.77	30.77	*****
9.00	5.77	36.54	*****
9.50	3.85	40.38	****
10.00	3.85	44.23	****
10.50	3.85	48.08	****
11.00	5.77	53.85	*****
11.50	5.77	59.62	*****
12.00	5.77	65.38	*****
****	34.62	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.79 1.94 -.07 -.89 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.67	5TH 6.15	16TH 7.26	25TH 8.00
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 25.00	(SEDIGRAPH) 75.00
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	25.00	PCT. GRAV+SAND/SILT+CLAY .00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	3.92	3.92	****
7.50	7.84	11.76	*****
8.00	5.88	17.65	*****
8.50	7.84	25.49	*****
9.00	4.90	30.39	*****
9.50	4.90	35.29	*****
10.00	5.88	41.18	*****
10.50	11.76	52.94	*****
11.00	7.84	60.78	*****
11.50	9.80	70.59	*****
12.00	11.76	82.35	*****
****	17.55	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.63 1.60 -.14 -1.24 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.38	5TH 7.07	16TH 7.86	25TH 8.47
		75TH 11.69	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 17.65	(SEDIGRAPH) 82.35
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	17.65PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI PCT. CUMFCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	2.94	2.94	***
6.50	4.41	7.35	****
7.00	4.41	11.76	****
7.50	10.29	22.06	*****
8.00	7.35	29.41	*****
8.50	7.35	36.76	*****
9.00	4.41	41.18	****
9.50	5.88	47.06	*****
10.00	2.94	50.00	***
10.50	4.41	54.41	****
11.00	2.94	57.35	***
11.50	1.47	58.82	*
12.00	2.94	61.76	***
*****	38.24	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.36 1.59 .21 -.65 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.00	5TH 6.23	16TH 7.21	25TH 7.70
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 29.41	(SEDIGRAPH) 70.59
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 29.41	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -SILTY CLAY FOLK(GMS)-MUD			(SCS)-CLAY	

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	3.19	3.19	***
7.00	7.45	10.64	*****
7.50	10.64	21.28	*****
8.00	8.51	29.79	*****
8.50	6.38	36.17	*****
9.00	6.38	42.55	*****
9.50	5.32	47.87	*****
10.00	4.26	52.13	*****
10.50	5.32	57.45	*****
11.00	5.32	62.77	*****
11.50	6.38	69.15	*****
12.00	9.57	78.72	*****
****	21.28	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.00 1.76 .10 -1.32

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.75	5TH	6.62	16TH	7.25	25TH	7.72
			75TH	11.81	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	29.79	(SEDIGRAPH)	70.21	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	29.79	PCT. GRAV+SAND/SILT+CLAY	.00			
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				



08/29/83

PHI PCT. CUMFCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	7.32	7.32	*****
7.50	9.76	17.07	*****
8.00	7.32	24.39	*****
8.50	7.32	31.71	*****
9.00	4.88	36.59	*****
9.50	4.88	41.46	*****
10.00	4.88	46.34	*****
10.50	3.66	51.22	****
11.00	3.66	54.88	****
11.50	2.44	58.54	**
12.00	39.02	60.98	*****
*****	100.00		*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.72 1.50 .21 -1.00 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.38	5TH 6.84	16TH 7.45	25TH 8.04
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 24.39	(SEDIGRAPH) 75.61
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	24.39PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	5.88	5.88	*****
6.50	8.82	14.71	*****
7.00	8.82	23.53	*****
7.50	8.82	32.35	*****
8.00	10.29	42.65	*****
8.50	5.88	48.53	*****
9.00	7.35	55.88	*****
9.50	5.88	61.76	*****
10.00	2.94	64.71	***
10.50	2.94	67.65	***
11.00	8.82	76.47	*****
11.50	8.82	85.29	*****
12.00	5.88	91.18	*****
*****	8.82	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.57 1.89 .12 -1.25

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.60	5TH	5.93	16TH	6.57	25TH	7.08	
			75TH	10.92	84TH	11.43	95TH	*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00		
				(SEDIGRAPH)	42.65	(SEDIGRAPH)	57.35		
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	42.65PCT. GRAV+SAND/SILT+CLAY			.00			
LABELS SHEPARD -SILTY CLAY				FOLK(GMS)-MUD			(SCS)-MUD		

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	6.06	6.06	*****
7.50	9.09	15.15	*****
8.00	9.09	24.24	*****
8.50	9.09	33.33	*****
9.00	6.82	40.15	*****
9.50	6.82	46.97	*****
10.00	4.55	51.52	*****
10.50	3.03	54.55	***
11.00	3.03	57.58	***
11.50	3.03	60.61	***
12.00	4.55	65.15	*****
****	34.85	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.76 1.47 .28 -.69 KRUNBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.83	5TH	6.91	16TH	7.55	25TH	8.04
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	24.24	(SEDIGRAPH)	75.76	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	24.24	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-CLAY		FOLK(GMS)-MUD			(SCS)-CLAY		

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	*
4.50	.50	.60	*
5.00	.50	1.19	*
5.50	.60	1.79	*
6.00	.60	2.38	*
6.50	.60	2.98	*
7.00	6.55	9.52	*****
7.50	9.52	19.05	*****
8.00	9.52	28.57	*****
8.50	7.14	35.71	*****
9.00	7.14	42.86	*****
9.50	4.76	47.62	*****
10.00	4.76	52.38	*****
10.50	4.76	57.14	*****
11.00	4.76	61.90	*****
11.50	4.76	66.67	*****
12.00	4.76	71.43	*****
*****	28.57	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.74 1.69 .05 -.63

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.75	5TH	6.65	16TH	7.34	25TH	7.81	
			75TH	*****	84TH	*****	95TH	*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00		
				(SEDIGRAPH)	28.57	(SEDIGRAPH)	71.43		
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	28.57PCT. GRAV+SAND/SILT+CLAY		.00				
LABELS SHEPARD -SILTY CLAY				FOLK(GMS)-MUD		(SCS)-CLAY			

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	14.00	14.00	*****
7.00	8.00	22.00	*****
7.50	8.00	30.00	*****
8.00	8.00	38.00	*****
8.50	8.00	46.00	*****
9.00	6.00	52.00	*****
9.50	4.00	56.00	****
10.00	4.00	60.00	****
10.50	5.00	65.00	*****
11.00	4.00	69.00	****
11.50	8.00	77.00	*****
12.00	7.00	84.00	*****
****	16.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.60 1.86 .17 -1.25 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.83	5TH	6.18	16TH	6.63	25TH	7.19
			75TH	11.38	84TH	12.00	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)		0.00
				(SEDIGRAPH)	38.00	(SEDIGRAPH)		62.00
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	38.00	PCT. GRAV+SAND/SILT+CLAY				.00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-MUD				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	.74	.74	*
6.00	.74	1.47	*
6.50	1.47	2.94	*
7.00	4.41	7.35	****
7.50	8.82	16.18	*****
8.00	8.82	25.00	*****
8.50	9.56	34.56	*****
9.00	8.09	42.65	*****
9.50	5.15	47.79	****
10.00	4.41	52.21	****
10.50	5.15	57.35	****
11.00	3.68	61.03	****
11.50	6.52	67.65	*****
12.00	2.94	70.59	***
****	29.41	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.80 1.57 .11 -.82

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.75	5TH	6.73	16TH	7.49	25TH	8.00
			75TH	*****	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	25.00	(SEDIGRAPH)	75.00	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	25.00	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD -SILTY CLAY FOLK(GMS)-MUD				(SCS)-CLAY				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	1.11	1.11	*
6.00	7.78	8.89	*****
6.50	8.89	17.78	*****
7.00	7.78	25.56	*****
7.50	7.78	33.33	*****
8.00	8.89	42.22	*****
8.50	6.57	48.89	*****
9.00	4.44	53.33	****
9.50	6.67	60.00	*****
10.00	4.44	64.44	****
10.50	2.22	66.67	**
11.00	4.44	71.11	****
11.50	3.33	74.44	***
12.00	2.22	76.67	**
****	23.33	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.05 1.73 .22 -.81

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.63	5TH	5.75	16TH	6.40	25TH	6.96
			75TH	11.63	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	42.22	(SEDIGRAPH)	57.78	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	42.22	PCT.GRAV+SAND/SILT+CLAY	.00			
LABELS SHEPARD -SILTY CLAY				FOLK(GMS)-MUD			(SCS)-MUD	

08/29/83

PHI	PCT.	CUM.PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	5.00	5.00	*****
7.00	6.67	11.67	*****
7.50	7.50	19.17	*****
8.00	7.50	26.67	*****
8.50	6.67	33.33	*****
9.00	6.67	40.00	*****
9.50	5.00	45.00	*****
10.00	5.00	50.00	*****
10.50	3.33	53.33	***
11.00	3.33	56.67	***
11.50	6.67	63.33	*****
12.00	8.33	71.67	*****
****	28.33	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.93 1.77 .11 -1.23

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.00	5TH 6.50	16TH 7.29	25TH 7.89
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 26.67	(SEDIGRAPH) 73.33
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	26.67PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SGS)-CLAY



08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	7.50	7.50	*****
7.50	10.00	17.50	*****
8.00	6.25	23.75	*****
8.50	6.25	30.00	*****
9.00	5.00	35.00	*****
9.50	5.00	40.00	*****
10.00	5.00	45.00	*****
10.50	5.00	50.00	*****
11.00	3.75	53.75	*****
11.50	6.25	60.00	*****
12.00	8.75	68.75	*****
****	31.25	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.11 1.71 .09 -1.36 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.50	5TH 6.83	16TH 7.43	25TH 8.10
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 23.75	(SEDIGRAPH) 76.25	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 23.75	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUMFCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	2.74	2.74	***
6.50	15.07	17.81	*****
7.00	6.85	24.66	*****
7.50	4.79	29.45	*****
8.00	6.16	35.62	*****
8.50	5.48	41.10	*****
9.00	4.11	45.21	****
9.50	5.48	50.68	*****
10.00	4.11	54.79	****
10.50	3.42	58.22	***
11.00	3.42	61.64	***
11.50	5.48	67.12	*****
12.00	4.11	71.23	****
****	28.77	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.32 1.87 .20 -1.16

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.44	5TH	6.08	16TH	6.44	25TH	7.04
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	35.62	(SEDIGRAPH)	64.38	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	35.62	PCT. GRAV+SAND/SILT+CLAY	.00			
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-MUD				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	4.08	4.08	****
7.50	6.12	10.20	*****
8.00	6.12	16.33	*****
8.50	6.12	22.45	*****
9.00	4.08	26.53	****
9.50	3.06	29.59	***
10.00	5.10	34.69	*****
10.50	4.08	38.78	****
11.00	4.08	42.86	****
11.50	4.08	46.94	****
12.00	8.16	55.10	*****
****	44.90	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.28 1.67 .05 -1.35 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.69	5TH 7.08	16TH 7.97	25TH 8.81
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 16.33	(SEDIGRAPH) 83.67
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	16.33PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM.PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	1.79	1.79	**
7.00	4.46	6.25	****
7.50	4.46	10.71	****
8.00	5.36	16.07	*****
8.50	5.36	21.43	*****
9.00	3.57	25.00	****
9.50	5.36	30.36	*****
10.00	3.57	33.93	****
10.50	3.57	37.50	****
11.00	3.57	41.07	****
11.50	6.25	47.32	*****
12.00	8.04	55.36	*****
****	44.64	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.30 1.74 -.02 -1.31

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.67	5TH 6.86	16TH 7.99	25TH 9.00
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 16.07	(SEDIGRAPH) 83.93
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	16.07PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI PCT. CUMPCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	5.21	5.21	*****
7.50	5.21	10.42	*****
8.00	4.17	14.58	****
8.50	3.13	17.71	***
9.00	3.13	20.83	***
9.50	2.08	22.92	**
10.00	2.08	25.00	**
10.50	3.13	28.13	***
11.00	4.17	32.29	****
11.50	5.21	37.50	*****
12.00	6.25	43.75	*****
****	56.25	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.30 1.79 -.01 -1.51 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN*****	5TH 6.98	16TH 8.23	25TH 10.00
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 14.58	(SEDIGRAPH) 85.42
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	14.58PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	5.41	5.41	*****
7.00	6.76	12.16	*****
7.50	2.70	14.86	***
8.00	4.05	18.92	****
8.50	4.05	22.97	****
9.00	2.70	25.68	***
9.50	4.05	29.73	****
10.00	2.70	32.43	***
10.50	4.05	36.49	****
11.00	4.05	40.54	****
11.50	5.41	45.95	*****
12.00	6.08	52.03	*****
****	47.37	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.61 1.89 -.00 -1.42 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.83	5TH 6.46	16TH 7.64	25TH 8.88
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 18.92	(SEDIGRAPH) 81.08
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	18.92PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM.PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	0.00	0.00	
7.50	7.50	7.50	*****
8.00	8.75	16.25	*****
8.50	2.50	18.75	***
9.00	2.50	21.25	***
9.50	2.50	23.75	***
10.00	3.75	27.50	****
10.50	5.00	32.50	****
11.00	5.00	37.50	****
11.50	3.75	41.25	****
12.00	5.00	46.25	****
****	53.75	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.30 1.58 .05 -1.47 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN*****	5TH 7.33	16TH 7.99	25TH 9.67
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 16.25	(SEDIGRAPH) 83.75	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 16.25	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	3.33	3.33	***
7.50	5.00	8.33	*****
8.00	5.83	14.17	*****
8.50	4.17	18.33	****
9.00	3.33	21.67	***
9.50	3.33	25.00	***
10.00	4.17	29.17	****
10.50	4.17	33.33	****
11.00	6.67	40.00	*****
11.50	5.00	45.00	*****
12.00	5.00	50.00	*****
****	50.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.37 1.61 -.04 -1.35

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 12.00	5TH 7.17	16TH 8.22	25TH 9.50
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 14.17	(SEDIGRAPH) 85.83
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	14.17PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY



08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	2.27	2.27	**
7.50	6.82		*****
8.00	6.82	9.09	*****
8.50	3.41	15.91	***
9.00	4.55	19.32	*****
9.50	3.41	23.86	***
10.00	4.55	27.27	*****
10.50	4.55	31.82	*****
11.00	3.41	36.36	***
11.50	5.68	39.77	*****
12.00	4.55	45.45	*****
****	50.00	50.00	*****
****	100.00		*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.24 1.59 .05 -1.33 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 12.00	5TH 7.20	16TH 8.01	25TH 9.17
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 15.91	(SEDIGRAPH) 84.09
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	15.91PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI PCT. CUM PCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	1.59	1.59	**
7.00	4.76	6.35	*****
7.50	5.56	11.90	*****
8.00	5.56	17.46	*****
8.50	6.35	23.81	*****
9.00	4.76	28.57	*****
9.50	4.75	33.33	*****
10.00	3.17	36.51	***
10.50	4.76	41.27	*****
11.00	3.97	45.24	****
11.50	4.76	50.00	*****
12.00	5.56	55.56	*****
****	44.44	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.09 1.66 .06 -1.22

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.50	5TH 6.86	16TH 7.87	25TH 8.63
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 17.46	(SEDIGRAPH) 82.54
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	17.46PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI PCT. CUMPCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	2.78	2.78	***
7.00	2.78	5.56	***
7.50	5.56		*****
8.00	8.33	11.11	*****
8.50	5.56	19.44	*****
9.00	4.17	25.00	****
9.50	4.17	29.17	****
10.00	4.17	33.33	****
10.50	5.56	37.50	*****
11.00	4.17	43.06	****
11.50	5.56	47.22	*****
12.00	4.17	52.78	****
****	43.06	56.94	*****
****		100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.05 1.63 .04 -1.20

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.25	5TH 6.90	16TH 7.79	25TH 8.50
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 19.44	(SEDIGRAPH) 80.56
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	19.44PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	3.03	3.03	***
7.00	4.55	7.58	*****
7.50	6.06	13.64	*****
8.00	6.82	20.45	*****
8.50	6.82	27.27	*****
9.00	4.55	31.82	*****
9.50	4.55	36.36	*****
10.00	4.55	40.91	*****
10.50	4.55	45.45	*****
11.00	3.79	49.24	****
11.50	4.55	53.79	*****
12.00	4.55	58.33	*****
****	41.67	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.93 1.65 .09 -1.13

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.08	5TH 6.72	16TH 7.67	25TH 8.33
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 20.45	(SEDIGRAPH) 79.55
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	20.45PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	4.55	4.55	*****
7.50	7.95	12.50	*****
8.00	7.95	20.45	*****
8.50	5.68	26.14	*****
9.00	5.68	31.82	*****
9.50	4.55	36.36	*****
10.00	4.55	40.91	*****
10.50	4.55	45.45	*****
11.00	3.41	48.86	***
11.50	5.68	54.55	*****
12.00	5.68	60.23	*****
****	39.77	60.23	*****
****		100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.08 1.60 .13 -1.24

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.10	5TH 7.03	16TH 7.72	25TH 8.40
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 20.45	(SEDIGRAPH) 79.55
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	20.45PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	8.87	8.87	*****
7.00	6.45	15.32	*****
7.50	7.26	22.58	*****
8.00	8.06	30.65	*****
8.50	6.45	37.10	*****
9.00	4.84	41.94	*****
9.50	4.84	46.77	*****
10.00	3.23	50.00	***
10.50	4.84	54.84	*****
11.00	3.23	58.06	***
11.50	4.84	62.90	*****
12.00	4.84	67.74	*****
****	32.26	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.58 1.75 .18 -1.10

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	10.00	5TH	6.23	16TH	7.05	25TH	7.65
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	30.65	(SEDIGRAPH)	69.35	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	30.65	PCT. GRAV+SAND/SILT+CLAY			.00	

LABELS SHEPARD -SILTY CLAY FOLK(GMS)-MUD (SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	0.00	0.00	
7.00	5.81	5.81	*****
7.50	8.14	13.95	*****
8.00	6.98	20.93	*****
8.50	6.98	27.91	*****
9.00	6.98	34.88	*****
9.50	4.65	39.53	*****
10.00	4.65	44.19	*****
10.50	4.65	48.84	*****
11.00	4.65	53.49	*****
11.50	5.81	59.30	*****
12.00	5.81	65.12	*****
****	34.88	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.07 1.60 .11 -1.23 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.63	5TH 6.93	16TH 7.65	25TH 8.29
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 20.93	(SEDIGRAPH) 79.07
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	20.93PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

05/10/83

PHI PCT. CUMPCT.  
3.50 ASSUMED UPPER LIMIT

4.00	2.61	2.61	***
4.50	0.00	2.61	
5.00	0.00	2.61	
5.50	.87	3.48	*
6.00	2.61	6.09	***
6.50	3.48	9.57	***
7.00	6.96	16.52	*****
7.50	8.70	25.22	*****
8.00	18.43	35.65	*****
8.50	6.96	42.61	*****
9.00	6.96	49.57	*****
9.50	5.22	54.78	*****
10.00	3.48	58.26	***
10.50	3.48	61.74	***
11.00	5.22	66.96	*****
11.50	3.48	70.43	***
12.00	6.96	77.39	*****
****	22.61	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.46 1.94 -.03 -.37

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.04	5TH	5.79	16TH	6.96	25TH	7.49
			75TH	11.83	84TH	*****	95TH	*****

PCT. GRAVEL	.00	SAND	2.61	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00
				(SEDIGRAPH)	33.04	(SEDIGRAPH)	64.35

GRAVEL+SAND	2.61	SILT/(SILT+CLAY)	33.93	PCT.GRAV+SAND/SILT+CLAY	.03
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LABELS SHEPARD	-SILTY CLAY	FOLK (GMS) - MUD	(SCS) - MUD
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AUTOREPORT



05/10/83

PHI PCT. CUMPCT.

3.50 ASSUMED UPPER LIMIT

4.00	.55	.55	
4.50	0.00	.55	
5.00	0.00	.55	
5.50	0.00	.55	
6.00	2.21	.55	**
6.50	4.97	2.76	*****
7.00	7.73	7.73	*****
7.50	15.47		*****
8.00	23.20		*****
8.50	30.39		*****
9.00	38.12		*****
9.50	43.65		*****
10.00	48.07		*****
10.50	53.04		*****
11.00	58.01		*****
11.50	62.98		*****
12.00	66.85		*****
*****	100.00		*****

AUTOREPORT

MEAN ST.DEV. SKEWNESS KURTOSIS

8.86 1.62 .01 -.51

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES MEDIAN 10.19 5TH 6.73 16TH 7.53 25TH 8.13

75TH\*\*\*\*\* 84TH\*\*\*\*\* 95TH\*\*\*\*\*

PCT. GRAVEL .00 SAND .55 SILT (PIPETTE) 0.00 CLAY (PIPETTE) 0.00 (SEDIGRAPH) 22.65 (SEDIGRAPH) 76.80

GRAVEL+SAND .55 SILT/(SILT+CLAY) 22.78 PCT.GRAV+SAND/SILT+CLAY .01

LABELS SHEPARD -CLAY FOLK (GMS)-MUD (SCS)-CLAY



05/10/83

AUTOREPORT

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	8.49	8.49	*****
7.00	8.49	16.98	*****
7.50	10.38	27.36	*****
8.00	9.43	36.79	*****
8.50	6.60	43.40	*****
9.00	5.66	49.06	*****
9.50	5.66	54.72	*****
10.00	3.77	58.49	*****
10.50	4.72	63.21	*****
11.00	4.72	67.92	*****
11.50	3.77	71.70	*****
12.00	3.77	75.47	*****
****	24.53	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.45 1.66 .24 -.94

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.08	5TH	6.29	16TH	6.94	25TH	7.39
			75TH	11.94	84TH	*****	95TH	*****

PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00
				(SEDIGRAPH)	36.79	(SEDIGRAPH)	63.21

GRAVEL+SAND	.00	SILT/(SILT+CLAY)	36.79	PCT.GRAV+SAND/SILT+CLAY	.00
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LABELS SHEPARD -SILTY CLAY FOLK(GMS)-MUD (SCS)-MUD

05/10/83

PHI PCT. CUMPCT.

3.50	0.00		
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	4.00	4.00	****
7.00	6.00	10.00	*****
7.50	8.00	18.00	*****
8.00	8.00	26.00	*****
8.50	10.00	36.00	*****
9.00	6.00	42.00	*****
9.50	5.00	47.00	*****
10.00	5.00	52.00	*****
10.50	5.00	57.00	*****
11.00	5.00	62.00	*****
11.50	4.00	66.00	****
12.00	5.00	71.00	*****
*****	29.00	100.00	*****

AUTOREPORT

MEAN ST.DEV. SKEWNESS KURTOSIS

8.79 1.61 .15 -1.01

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.80	5TH	6.58	16TH	7.38	25TH	7.94
			75TH	*****	84TH	*****	95TH	*****

PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00
				(SEDIGRAPH)	26.00	(SEDIGRAPH)	74.00

GRAVEL+SAND	.00	SILT/(SILT+CLAY)	26.00	PCT.GRAV+SAND/SILT+CLAY	.00
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LABELS SHEPARD -SILTY CLAY FOLK(GMS)-MUD (SCS)-CLAY



05/10/83

PHI PCT. CUMPCT.

3.50 ASSUMED UPPER LIMIT

4.00	.90	.90	
4.50	0.00	.90	
5.00	0.00	.90	
5.50	0.00	.90	
6.00	.90	1.80	*
6.50	5.41	7.21	*****
7.00	9.01	16.22	*****
7.50	7.21	23.42	*****
8.00	8.11	31.53	*****
8.50	5.41	36.94	*****
9.00	7.21	44.14	*****
9.50	5.41	49.55	*****
10.00	2.70	52.25	***
10.50	6.31	58.56	*****
11.00	3.60	62.16	****
11.50	5.41	67.57	*****
12.00	5.41	72.97	*****
****	27.03	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.63 1.81 .05 -.75

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.58	5TH	6.30	16TH	6.99	25TH	7.60
			75TH	*****	84TH	*****	95TH	*****

PCT. GRAVEL .00 SAND .90 SILT (PIPETTE) 0.00 CLAY (PIPETTE) 0.00  
 (SEDIGRAPH) 30.63 (SEDIGRAPH) 68.47

GRAVEL+SAND .90 SILT/(SILT+CLAY) 30.91 PCT.GRAV+SAND/SILT+CLAY .01

LABELS SHEPARD -SILTY CLAY FOLK(GMS)-MUD (SCS)-CLAY

AUTOREPORT

05/10/83

PHI PCT. CUMPGT.  
3.50 ASSUMED UPPER LIMIT

4.00	1.03	1.03	
4.50	0.00	1.03	
5.00	0.00	1.03	
5.50	0.00	1.03	
6.00	0.00	1.03	
6.50	4.12	5.15	****
7.00	5.15	10.31	*****
7.50	7.22	17.53	*****
8.00	8.25	25.77	*****
8.50	7.22	32.99	*****
9.00	6.19	39.18	*****
9.50	5.15	44.33	*****
10.00	4.12	48.45	*****
10.50	6.19	54.64	*****
11.00	6.19	60.82	*****
11.50	6.19	67.01	*****
12.00	6.19	73.20	*****
****	26.80	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.94 1.79 -.08 -.59

KRUMBEIN + PETTIJOHN (1958) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES      MEDIAN 10.13      5TH 6.48      16TH 7.39      25TH 7.95

75TH\*\*\*\*\*      84TH\*\*\*\*\*      95TH\*\*\*\*\*

PCT. GRAVEL .00 SAND 1.03 SILT (PIPETTE) 0.00 CLAY (PIPETTE) 0.00  
(SEDIGRAPH) 24.74 (SEDIGRAPH) 74.23

GRAVEL+SAND 1.03 SILT/(SILT+CLAY) 25.00 PCT.GRAV+SAND/SILT+CLAY .01

LABELS SHEPARD -SILTY CLAY FOLK(GMS)-MUD (SCS)-CLAY

AUTOREPORT









05/10/83

AUTOREPORT

PHI	PCT.	CUMFCT.	
3.50			
4.00	0.00	0.00	*
4.50	.56	.56	*
5.00	.56	1.12	*
5.50	.56	1.69	*
6.00	.56	2.25	****
6.50	3.93	6.18	***
7.00	3.37	9.55	*****
7.50	5.06	14.61	*****
8.00	6.18	20.79	*****
8.50	6.18	26.97	*****
9.00	6.74	33.71	*****
9.50	6.74	40.45	*****
10.00	6.18	46.63	*****
10.50	7.30	53.93	*****
11.00	6.74	60.67	*****
11.50	7.30	67.98	*****
12.00	5.62	73.60	*****
*****	26.40	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.12 1.76 -.10 -.63

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURE FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.23	5TH 6.35	16TH 7.61	25TH 8.34
		75TH *****	84TH *****	95TH *****

PCT. GRAVEL .00 SAND 0.00 SILT (PIPETTE) 0.00 CLAY (PIPETTE) 0.00 (SEDI GRAPH) 20.79 (SEDI GRAPH) 79.2

GRAVEL+SAND .00 SILT/(SILT+CLAY) 20.79 PCT.GRAV+SAND/SILT+CLAY .00

LABELS SHEPARD -CLAY FOLK(GMS) -MUD (SCS) -CLAY

05/10/83

AUTOREPORT

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	.70	.70	*
6.00	.70	1.41	*
6.50	2.82	4.23	***
7.00	4.23	8.45	****
7.50	4.93	13.38	*****
8.00	6.34	19.72	*****
8.50	7.04	26.76	*****
9.00	5.63	32.39	*****
9.50	4.93	37.32	*****
10.00	4.93	42.25	*****
10.50	4.23	46.48	*****
11.00	4.93	51.41	*****
11.50	5.63	57.04	*****
12.00	5.63	62.68	*****
****	37.32	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

~~9.03 1.72 .01 -1.03~~ KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.86	5TH 6.59	16TH 7.71	25TH 8.38
		75TH *****	84TH *****	95TH *****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 19.72	(SEDIGRAPH) 80.28
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	19.72	PCT.GRAV+SAND/SILT+CLAY .00
LABELS SHEPARD	CLAY	FOLK (GMS)	MUD	(SGS) CLAY

05/10/83

AUTOREPORT

PHI	PCT. CUM PCT.	
3.50		
4.00	0.00	
4.50	0.00	
5.00	0.00	
5.50	0.00	
6.00	1.82	**
6.50	5.45	*****
7.00	7.27	*****
7.50	14.55	*****
8.00	22.73	*****
8.50	30.00	*****
9.00	36.36	*****
9.50	41.82	****
10.00	45.45	****
10.50	49.09	*****
11.00	53.64	*****
11.50	58.18	*****
12.00	63.64	*****
*****	68.18	*****
*****	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.64 1.77 .14 -1.15

KRUMBEIN & PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.10	5TH 6.29	16TH 7.09	25TH 7.66
		75TH *****	84TH *****	95TH *****

PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 30.00	(SEDIGRAPH) 70.00

GRAVEL+SAND .00 SILT/(SILT+CLAY) 30.00 PCT.GRAV+SAND/SILT+CLAY .00

LABELS SHEPARD SILTY CLAY FOLK(GMS) MUD (SGS) CLAY

05/10/83

PHI PCT. CUMPCT.

3.50	0.00		
4.00	.89	0.00	*
4.50	.89	.89	*
5.00	.89	1.79	*
5.50	.89	2.68	*
6.00	5.36	3.57	*****
6.50	3.57	8.93	****
7.00	6.25	12.50	*****
7.50	8.04	18.75	*****
8.00	7.14	26.79	*****
8.50	5.36	33.93	*****
9.00	5.36	39.29	*****
9.50	5.36	44.64	*****
10.00	3.57	48.21	****
10.50	5.36	53.57	*****
11.00	5.36	58.93	*****
11.50	5.36	64.29	*****
12.00	6.25	70.54	*****
****	29.46	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.78 1.89 .05 .82

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.17	5TH 6.13	16TH 7.28	25TH 7.89
		75TH*****	84TH*****	95TH*****

PCT. GRAVEL .00 SAND 0.00 SILT (PIPETTE) 0.00 CLAY (PIPETTE) 0.00  
 (SEDIGRAPH) 26.79 (SEDIGRAPH) 73.21

GRAVEL+SAND .00 SILT/(SILT+CLAY) 26.79 PCT.GRAV+SAND/SILT+CLAY .00

LABELS SHEPARD SILTY CLAY FOLK(GMS) MUD (SGS) CLAY

AUTOREPORT

05/10/83

AUTOREPORT

PHI	PCT. CUMPCT.	
3.50	0.00	
4.00	0.00	0.00
4.50	0.00	0.00
5.00	0.00	0.00
5.50	0.00	0.00
6.00	1.56	**
6.50	6.25	7.81 *****
7.00	5.47	13.28 *****
7.50	8.59	21.88 *****
8.00	7.81	29.69 *****
8.50	7.03	36.72 *****
9.00	7.03	43.75 *****
9.50	6.25	50.00 *****
10.00	3.13	53.13 *****
10.50	6.25	59.38 *****
11.00	2.34	61.72 **
11.50	7.03	68.75 *****
12.00	4.69	73.44 *****
****	26.56	100.00 *****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.70 1.72 .12 -1.07

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURE FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.50	5TH	6.28	15TH	7.15	25TH	7.70
			75TH	*****	84TH	*****	95TH	*****

PCT. GRAVEL .00 SAND 0.00 SILT (PIPETTE) 0.00 CLAY (PIPETTE) 0.00  
 (SEDIGRAPH) 29.69 (SEDIGRAPH) 70.3

GRAVEL+SAND .00 SILT/(SILT+CLAY) 29.69 PCT.GRAV+SAND/SILT+CLAY .00

LABELS SHEPARD -SILTY CLAY FOLK(GMS) MUD (SGS) CLAY





05/10/83

AUTOREPORT

PHI	PCT.	CUMPCT.	
3.50	0.00		
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	4.29	4.29	****
6.50	11.43	15.71	*****
7.00	6.43	22.14	*****
7.50	7.86	30.00	*****
8.00	8.57	38.57	*****
8.50	7.14	45.71	*****
9.00	5.71	51.43	****
9.50	4.29	55.71	****
10.00	4.29	60.00	****
10.50	4.29	64.29	****
11.00	4.29	68.57	****
11.50	4.29	72.86	****
12.00	5.00	77.86	*****
*****	22.14	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

~~8.35 1.81 .20 -1.02~~ KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURE FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 8.88	5TH 6.03	16TH 6.52	25TH 7.18
		75TH 11.71	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 38.57	(SEDIGRAPH) 61.4
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	38.57	PCT.GRAV+SAND/SILT+CLAY .00
LABELS SHEPARD	SILTY CLAY	FOLK(GMS)	MUD	(SGS) MUD

05/10/83

AUTOREPORT

PHI	PCT. CUM PCT.	
3.50		
4.00	0.00	
4.50	.48	0.00
5.00	.48	.48
5.50	.48	.96
6.00	5.29	1.44
6.50	8.65	6.73
7.00	7.69	15.38
7.50	7.69	23.08
8.00	7.69	30.77
8.50	7.69	38.46
9.00	6.73	46.15
9.50	5.77	52.88
10.00	2.88	58.65
10.50	4.81	61.54
11.00	4.81	66.35
11.50	4.81	71.15
12.00	5.77	75.96
*****	18.27	81.73
*****	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.39 1.88 .13 -.97

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.79	5TH	5.84	16TH	6.54	25TH	7.13
			75TH	11.40	84TH	*****	95TH	*****

PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00
				(SEDIGRAPH)	38.46	(SEDIGRAPH)	61.54

GRAVEL+SAND .00 SILT/(SILT+CLAY) 38.46 PCT.GRAV+SAND/SILT+CLAY .00

LABELS SHEPARD -SILTY CLAY FOLK(GMS)-MUD (SGS)-MUD



05/10/83

PHI PCT. CUMPCT.

3.50

0.00

0.00

4.00

0.00

0.00

4.50

0.00

0.00

5.00

0.00

0.00

5.50

.93

.93

6.00

3.74

4.67

\*\*\*\*

6.50

5.61

10.28

\*\*\*\*\*

7.00

7.48

17.76

\*\*\*\*\*

7.50

9.35

27.10

\*\*\*\*\*

8.00

7.48

34.58

\*\*\*\*\*

8.50

5.61

40.19

\*\*\*\*\*

9.00

5.61

45.79

\*\*\*\*\*

9.50

3.74

49.53

\*\*\*\*

10.00

3.74

53.27

\*\*\*\*

10.50

5.61

58.88

\*\*\*\*\*

11.00

5.61

64.49

\*\*\*\*\*

11.50

5.61

70.09

\*\*\*\*\*

12.00

29.91

100.00

\*\*\*\*\*

\*\*\*\*\*

AUTOREPORT

MEAN ST.DEV. SKEWNESS KURTOSIS

8.94

1.78

.12

-1.12

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES

MEDIAN 10.06

5TH 6.53

16TH 7.38

25TH 7.89

75TH\*\*\*\*\*

84TH\*\*\*\*\*

95TH\*\*\*\*\*

PCT. GRAVEL .00

SAND 0.00

SILT (PIPETTE) 0.00

CLAY (PIPETTE) 0.00

(SEDIGRAPH) 27.10

(SEDIGRAPH) 72.90

GRAVEL+SAND .00

SILT/(SILT+CLAY) 27.10

PCT.GRAV+SAND/SILT+CLAY .00

LABELS SHEPARD SILTY CLAY FOLK(GMS) MUD

(SGS) CLAY

05/10/83

AUTOREPORT

PHI	PCT. CUMPCT.	
3.50	0.00	
4.00	0.00	0.00
4.50	0.00	0.00
5.00	0.00	0.00
5.50	0.00	0.00
6.00	2.13	2.13
6.50	6.38	8.51
7.00	6.38	14.89
7.50	8.51	23.40
8.00	7.45	30.85
8.50	6.38	37.23
9.00	5.32	42.55
9.50	5.32	47.87
10.00	3.19	51.06
10.50	4.26	55.32
11.00	5.32	60.64
11.50	4.26	64.89
12.00	5.32	70.21
*****	29.79	100.00

MEAN ST.DEV. SKEWNESS KURTOSIS

8.62 1.78 .14 -1.11

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.83	5TH	6.23	16TH	7.07	25TH	7.61
			75TH	*****	84TH	*****	95TH	*****

PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00
				(SEDIGRAPH)	30.85	(SEDIGRAPH)	69.15

GRAVEL+SAND .00 SILT/(SILT+CLAY) 30.85 PCT.GRAV+SAND/SILT+CLAY .00

LABELS SHEPARD SILTY CLAY FOLK (GMS) MUD (SGS) CLAY

05/10/83

AUTOREPORT

PHI	PCT. CUM PCT.	
3.50	0.00	
4.00	0.00	0.00
4.50	0.00	0.00
5.00	0.00	0.00
5.50	0.00	0.00
6.00	4.17	4.17
6.50	10.83	15.00
7.00	6.67	21.67
7.50	8.33	30.00
8.00	6.67	36.67
8.50	6.67	43.33
9.00	6.67	50.00
9.50	5.00	55.00
10.00	4.17	59.17
10.50	4.17	63.33
11.00	3.33	66.67
11.50	5.00	71.67
12.00	5.00	76.67
*****	23.33	100.00

MEAN ST.DEV. SKEWNESS KURTOSIS

~~8.38 1.82 .19 -1.83~~

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.00	5TH	6.04	16TH	6.58	25TH	7.20
			75TH	11.83	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	36.67	(SEDIGRAPH)	63.33	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	36.67	PCT.GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	SILTY CLAY	FOLK(GMS)	MUD			(SCS)	MUD	

05/10/83

PHI PCT. CUMPCT.

3.50	0.00		
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	5.68	0.00	*****
6.50	5.68	5.68	*****
7.00	7.95	11.36	*****
7.50	10.23	19.32	*****
8.00	6.82	29.55	*****
8.50	4.55	36.36	*****
9.00	6.82	40.91	*****
9.50	2.27	47.73	**
10.00	4.55	50.00	*****
10.50	4.55	54.55	*****
11.00	4.55	59.09	*****
11.50	4.55	63.64	*****
12.00	31.82	68.18	*****
*****	100.00		*****

MEAN ST.DEV. SKEWNESS KURTOSIS

~~8.68 1.67 .18 -1.04~~

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.00	5TH 6.44	16TH 7.29	25TH 7.78
		75TH*****	84TH*****	95TH*****

PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 29.55	(SEDIGRAPH) 70.45
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 29.55	PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	SILTY CLAY	FOLK(GMS) MUD	(SCS) CLAY	

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	4.40	4.40	****
6.50	13.19	17.58	*****
7.00	8.79	26.37	*****
7.50	6.59	32.97	*****
8.00	6.59	39.56	*****
8.50	5.49	45.05	*****
9.00	5.49	50.55	*****
9.50	4.40	54.95	****
10.00	3.30	58.24	***
10.50	3.30	61.54	***
11.00	3.30	64.84	***
11.50	3.30	68.13	***
12.00	3.30	71.43	***
****	28.57	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.08 1.77 .29 -.83 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.95	5TH	6.02	16TH	6.44	25TH	6.92
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	39.56	(SEDIGRAPH)	60.44	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	39.56	PCT. GRAV+SAND/SILT+CLAY	.00			
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-MUD				



08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	2.00	2.00	**
6.50	2.00	4.00	**
7.00	2.00	6.00	**
7.50	6.00	12.00	*****
8.00	8.00	20.00	*****
8.50	6.00	26.00	*****
9.00	5.00	31.00	*****
9.50	5.00	36.00	*****
10.00	4.00	40.00	****
10.50	3.00	43.00	***
11.00	13.00	56.00	*****
11.50	12.00	68.00	*****
12.00	13.00	81.00	*****
****	19.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.63 1.78 -.22 -1.09

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.77	5TH 6.75	16TH 7.75	25TH 8.42
		75TH 11.77	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 20.00	(SEDIGRAPH) 80.00
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	20.00 PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI PCT. CUMPCT.

3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	4.41	4.41	****
6.50	2.94	7.35	***
7.00	5.88	13.24	*****
7.50	8.82	22.06	*****
8.00	5.88	27.94	*****
8.50	7.35	35.29	*****
9.00	4.41	39.71	****
9.50	4.41	44.12	****
10.00	4.41	48.53	****
10.50	2.94	51.47	***
11.00	4.41	55.88	****
11.50	4.41	60.29	****
12.00	2.94	63.24	***
****	36.76	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.51 1.73 .14 -.99

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.25	5TH 6.10	16TH 7.16	25TH 7.75
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 27.94	(SEDIGRAPH) 72.06
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	27.94PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	1.33	1.33	*
6.00	.67	2.00	*
6.50	3.33	5.33	***
7.00	4.00	9.33	****
7.50	8.00	17.33	*****
8.00	5.33	22.67	*****
8.50	6.67	29.33	*****
9.00	6.67	36.00	*****
9.50	5.33	41.33	*****
10.00	4.00	45.33	****
10.50	4.00	49.33	****
11.00	4.00	53.33	****
11.50	8.00	61.33	*****
12.00	6.67	68.00	*****
****	32.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.00 1.80 -.00 -1.10

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.58	5TH 6.45	16TH 7.42	25TH 8.18
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 22.67	(SEDIGRAPH) 77.33
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	22.67PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	5.97	5.97	*****
7.00	4.48	10.45	****
7.50	11.94	22.39	*****
8.00	4.48	26.87	****
8.50	8.96	35.82	*****
9.00	4.48	40.30	****
9.50	5.97	46.27	*****
10.00	5.97	52.24	*****
10.50	4.48	56.72	****
11.00	5.97	62.69	*****
11.50	7.46	70.15	*****
12.00	7.46	77.61	*****
****	22.39	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.98 1.76 .05 -1.28

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.81	5TH	6.42	16TH	7.23	25TH	7.79
			75TH	11.83	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	26.87	(SEDIGRAPH)	73.13	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	26.87	PCT.GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	4.17	4.17	****
7.00	4.17	8.33	****
7.50	4.17	12.50	****
8.00	6.94	19.44	*****
8.50	6.94	26.39	*****
9.00	4.17	30.56	****
9.50	5.56	36.11	*****
10.00	2.78	38.89	***
10.50	5.56	44.44	*****
11.00	2.78	47.22	***
11.50	5.56	52.78	*****
12.00	4.17	56.94	****
****	43.06	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.93 1.67 .07 -1.13

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.25	5TH 6.60	16TH 7.75	25TH 8.40
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 19.44	(SEDIGRAPH) 80.56	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 19.44	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	**
4.50	1.67	1.67	
5.00	0.00	1.67	
5.50	0.00	1.67	
6.00	1.67	3.33	**
6.50	5.00	8.33	*****
7.00	6.67	15.00	*****
7.50	6.67	21.67	*****
8.00	5.00	26.67	*****
8.50	6.67	33.33	*****
9.00	3.33	36.67	***
9.50	5.00	41.67	*****
10.00	3.33	45.00	***
10.50	5.00	50.00	*****
11.00	5.00	55.00	*****
11.50	8.33	63.33	*****
12.00	11.67	75.00	*****
****	25.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.05 2.05 -.11 -1.08

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.50	5TH 6.17	16TH 7.08	25TH 7.83
		75TH 12.00	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 26.67	(SEDIGRAPH) 73.33
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	26.67PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI PCT. CUM PCT.

3.50 ASSUMED UPPER LIMIT

4.00	3.85	3.85	****
4.50	.77	4.62	*
5.00	0.00	4.62	
5.50	0.00	4.62	
6.00	3.08	7.69	***
6.50	4.52	12.31	*****
7.00	4.62	16.92	*****
7.50	9.23	26.15	*****
8.00	6.15	32.31	*****
8.50	7.59	40.00	*****
9.00	6.15	46.15	*****
9.50	7.69	53.85	*****
10.00	4.62	58.46	*****
10.50	7.69	66.15	*****
11.00	6.15	72.31	*****
11.50	10.77	83.08	*****
12.00	15.38	98.46	*****
****	1.54	100.00	**

MEAN ST.DEV. SKEWNESS KURTOSIS

9.04	2.16	-.26	-.47
9.23	2.12	-.09	.70

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES  
FOR SIZE RANGE 4.0 TO 12.0 PHI  
FOLK GRAPHIC STATISTICAL PARAMETERS  
FOLK AND WARD, 1957

PERCENTILES	MEDIAN	9.25	5TH	5.56	16TH	6.90	25TH	7.44
			75TH	11.13	84TH	11.53	95TH	11.89
PCT. GRAVEL	.00	SAND	3.85	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	28.46	(SEDIGRAPH)	67.69	
GRAVEL+SAND	3.85	SILT/(SILT+CLAY)	29.60	PCT. GRAV+SAND/SILT+CLAY	.04			
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				

08/29/83

PHI PCT. CUM PCT.

3.50 ASSUMED UPPER LIMIT

4.00	1.00	1.00	
4.50	0.00	1.00	
5.00	0.00	1.00	
5.50	1.00	2.00	*
6.00	.50	2.50	*
6.50	7.50	10.00	*****
7.00	7.00	17.00	*****
7.50	6.00	23.00	*****
8.00	7.00	30.00	*****
8.50	6.00	36.00	*****
9.00	5.00	41.00	*****
9.50	6.00	47.00	*****
10.00	6.00	53.00	*****
10.50	5.00	58.00	*****
11.00	6.00	64.00	*****
11.50	12.00	76.00	*****
12.00	11.00	87.00	*****
****	13.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.09 1.99 -.13 -.99

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.75	5TH	6.17	16TH	6.93	25TH	7.64
			75TH	11.46	84TH	11.86	95TH	*****
PCT. GRAVEL	.00	SAND	1.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	29.00	(SEDIGRAPH)	70.00	
GRAVEL+SAND	1.00	SILT/(SILT+CLAY)	29.29	PCT. GRAV+SAND/SILT+CLAY			.01	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY				



08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	6.77	6.77	*****
7.00	6.02	12.78	*****
7.50	7.52	20.30	*****
8.00	7.52	27.82	*****
8.50	7.52	35.34	*****
9.00	7.52	42.86	*****
9.50	4.51	47.37	*****
10.00	6.02	53.38	*****
10.50	6.02	59.40	*****
11.00	6.02	65.41	*****
11.50	7.52	72.93	*****
12.00	7.52	80.45	*****
****	19.55	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.99 1.75 .03 -1.25 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.72	5TH	6.37	16TH	7.21	25TH	7.81
			75TH	11.64	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	27.82	(SEDIGRAPH)	72.18	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	27.82PCT. GRAV+SAND/SILT+CLAY		.00			
LABELS SHEPARD -SILTY CLAY FOLK(GMS)-MUD				(SCS)-CLAY				

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	2.04	2.04	**
5.50	0.00	2.04	
6.00	2.04	4.08	**
6.50	4.08	8.16	****
7.00	10.20	18.37	*****
7.50	8.16	26.53	*****
8.00	8.16	34.69	*****
8.50	6.12	40.82	*****
9.00	6.12	46.94	*****
9.50	4.08	51.02	****
10.00	6.12	57.14	*****
10.50	4.08	61.22	****
11.00	6.12	67.35	*****
11.50	6.12	73.47	*****
12.00	10.20	83.67	*****
****	16.33	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.80 1.94 .02 -1.12

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.38	5TH	6.11	16TH	6.88	25TH	7.41
			75TH	11.58	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	34.69	(SEDIGRAPH)	65.31	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	34.69	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD				(SGS)-MUD		

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	2.24	2.24	**
5.00	.75	2.99	*
5.50	0.00	2.99	
6.00	4.48	7.46	****
6.50	4.48	11.94	****
7.00	7.46	19.40	*****
7.50	8.95	28.36	*****
8.00	8.96	37.31	*****
8.50	5.97	43.28	*****
9.00	7.46	50.75	*****
9.50	4.48	55.22	****
10.00	5.97	61.19	*****
10.50	4.48	65.67	****
11.00	5.97	71.64	*****
11.50	4.48	76.12	****
12.00	7.46	83.58	*****
****	16.42	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.54 1.95 -.00 -.82 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.95	5TH	5.73	16TH	6.77	25TH	7.31
			75TH	11.32	84TH	*****	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	37.31	(SEDIGRAPH)	62.69	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	37.31	PCT. GRAV+SAND/SILT+CLAY	.00			
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-MUD				

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	.70	.70	*
5.50	.70	1.41	*
6.00	0.00	1.41	
6.50	4.23	5.63	****
7.00	5.63	11.27	*****
7.50	8.45	19.72	*****
8.00	7.04	26.76	*****
8.50	4.23	30.99	****
9.00	8.45	39.44	*****
9.50	5.63	45.07	*****
10.00	9.86	54.93	*****
****	45.07	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

~~8.09 1.23 -.15 -.69~~

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 10.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.75	5TH	6.43	16TH	7.28	25TH	7.88
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	26.76	(SEDIGRAPH)	73.24	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	26.76	PCT.GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD -SILTY CLAY FOLK(GMS)-MUD				(SCS)-CLAY				

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	1.82	1.82	**
6.50	7.27	9.09	*****
7.00	8.18	17.27	*****
7.50	8.18	25.45	*****
8.00	9.09	34.55	*****
8.50	9.09	43.64	*****
9.00	7.27	50.91	*****
9.50	7.27	58.18	*****
10.00	5.45	63.64	*****
10.50	3.64	67.27	****
11.00	5.45	72.73	*****
11.50	10.91	83.64	*****
12.00	10.91	94.55	*****
****	5.45	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.96 1.85 .05 -1.29 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	8.94	5TH	6.22	16TH	6.92	25TH	7.47
			75TH	11.10	84TH	11.52	95TH	*****
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	34.55	(SEDIGRAPH)	65.45	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	34.55	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD -SILTY CLAY				FOLK(GMS)-MUD		(SCS)-MUD		

P-7-M 193-194 24/08/83 SEDIGRAPH ANALYSIS

NEGATIVE PCT FOR CLASS INTERVAL 10 OR 11-CORRECT AND RESUBMIT

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	2.50	2.60	***
7.00	6.49	9.09	*****
7.50	6.49	15.58	*****
8.00	9.09	24.68	*****
8.50	7.79	32.47	*****
9.00	7.79	40.26	*****
9.50	7.79	48.05	*****
10.00	5.19	53.25	*****
10.50	5.19	58.44	*****
11.00	4.55	62.99	*****
11.50	5.19	68.18	*****
12.00	5.84	74.03	*****
****	25.97	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.94 1.59 .11 -1.02 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.69	5TH	6.69	16TH	7.52	25TH	8.02
			75TH*****		84TH*****		95TH*****	
PCT. GRAVEL	.00	SAND	0.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	24.68	(SEDIGRAPH)	75.32	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	24.68	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD	-CLAY		FOLK(GMS)-MUD			(SCS)-CLAY		

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	.85	.85	*
6.00	1.71	2.56	**
6.50	5.13	7.69	*****
7.00	6.84	14.53	*****
7.50	8.55	23.08	*****
8.00	8.55	31.62	*****
8.50	7.69	39.32	*****
9.00	6.84	46.15	*****
9.50	5.13	51.28	*****
10.00	4.27	55.56	*****
10.50	5.98	61.54	*****
11.00	5.98	67.52	*****
11.50	11.11	78.63	*****
12.00	11.11	89.74	*****
****	10.26	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.07 1.88 -.02 -1.30

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN	9.38	5TH	6.24	16TH	7.09	25TH	7.61
			75TH	11.34	84TH	11.74	95TH	*****
PCT. GRAVEL	.00	SAND	9.00	SILT (PIPETTE)	0.00	CLAY (PIPETTE)	0.00	
				(SEDIGRAPH)	31.62	(SEDIGRAPH)	68.38	
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	31.62	PCT. GRAV+SAND/SILT+CLAY			.00	
LABELS SHEPARD -SILTY CLAY FOLK(GMS)-MUD				(SCS)-CLAY				



08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	1.92	1.92	**
5.50	0.00	1.92	
6.00	1.92	3.85	**
6.50	5.77	9.62	*****
7.00	5.77	15.38	*****
7.50	5.77	21.15	*****
8.00	7.59	28.85	*****
8.50	5.77	34.62	*****
9.00	5.77	40.38	*****
9.50	3.85	44.23	****
10.00	3.85	48.08	****
10.50	5.77	53.85	*****
11.00	3.85	57.69	****
11.50	7.69	65.38	*****
12.00	7.69	73.08	*****
****	26.92	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.83 1.96 -.02 -1.11

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.17	5TH 6.10	16TH 7.05	25TH 7.75
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
		(SEDIGRAPH) 28.85	(SEDIGRAPH) 71.15	
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 28.85	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	1.22	1.22	*
6.50	2.44	3.66	**
7.00	4.88	8.54	*****
7.50	6.10	14.63	*****
8.00	6.10	20.73	*****
8.50	7.32	28.05	*****
9.00	8.54	36.59	*****
9.50	8.54	45.12	*****
10.00	4.88	50.00	*****
10.50	6.10	56.10	*****
11.00	6.10	62.20	*****
11.50	9.75	71.95	*****
12.00	7.32	79.27	*****
****	20.73	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.23 1.67 -.06 -1.07

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.00	5TH 6.64	16TH 7.61	25TH 8.29
		75TH 11.71	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 20.73	(SEDIGRAPH) 79.27
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	20.73PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	.71	.71	*
5.50	0.00	.71	
6.00	1.42	2.13	*
6.50	2.84	4.96	***
7.00	4.26	9.22	****
7.50	4.26	13.48	****
8.00	5.57	19.15	*****
8.50	7.09	26.24	*****
9.00	5.67	31.91	*****
9.50	7.09	39.01	*****
10.00	5.57	44.68	*****
10.50	4.25	48.94	****
11.00	7.09	56.03	*****
11.50	12.77	68.79	*****
12.00	11.35	80.14	*****
****	19.86	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.47 1.81 -.20 -.92

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.58	5TH 6.50	16TH 7.72	25TH 8.41
		75TH 11.77	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 19.15	(SEDIGRAPH) 80.85
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	19.15PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	1.00	1.00	*
6.50	2.00	3.00	**
7.00	5.00	8.00	*****
7.50	3.00	11.00	***
8.00	5.00	16.00	*****
8.50	7.00	23.00	*****
9.00	7.00	30.00	*****
9.50	7.00	37.00	*****
10.00	4.00	41.00	****
10.50	6.00	47.00	*****
11.00	4.00	51.00	****
11.50	6.00	57.00	*****
12.00	5.00	62.00	*****
****	38.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.13 1.63 -.03 -.96

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.88	5TH 6.70	16TH 8.00	25TH 8.64
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 16.00	(SEDIGRAPH) 84.00
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	16.00	PCT. GRAV+SAND/SILT+CLAY .00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	1.52	1.52	**
7.00	8.59	10.10	*****
7.50	5.56	15.66	*****
8.00	4.55	20.20	*****
8.50	4.55	24.75	*****
9.00	5.56	30.30	*****
9.50	4.55	34.85	*****
10.00	4.55	39.39	*****
10.50	5.05	44.44	*****
11.00	6.06	50.51	*****
11.50	5.05	55.56	*****
12.00	6.06	61.62	*****
****	38.38	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.09 1.72 .01 -1.32

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.96	5TH 6.70	16TH 7.54	25TH 8.52
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 20.20	(SEDIGRAPH) 79.80
GRAVEL+SAND	.00	SILT/(SILT+CLAY) 20.20	PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD	(SCS)-CLAY	

08/29/83

PHI	PCT.	CUM PCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	1.75	1.75	**
6.50	6.14	7.89	*****
7.00	6.14	14.04	*****
7.50	7.02	21.05	*****
8.00	6.14	27.19	*****
8.50	5.26	32.46	*****
9.00	4.39	36.84	****
9.50	6.14	42.98	*****
10.00	4.39	47.37	****
10.50	5.26	52.63	*****
11.00	5.26	57.89	*****
11.50	7.02	64.91	*****
12.00	5.26	70.18	*****
****	29.82	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

8.85 1.82 .03 -1.28

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES  
FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.25	5TH 6.26	16TH 7.14	25TH 7.82
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 27.19	(SEDIGRAPH) 72.81
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	27.19PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	1.45	1.45	*
6.50	4.35	5.80	****
7.00	5.80	11.59	*****
7.50	4.35	15.94	****
8.00	5.80	21.74	*****
8.50	5.07	26.81	*****
9.00	5.07	31.88	*****
9.50	5.80	37.68	*****
10.00	5.07	42.75	*****
10.50	5.07	47.83	*****
11.00	5.80	53.62	*****
11.50	12.32	65.94	*****
12.00	10.87	76.81	*****
****	23.19	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.39 1.86 -.15 -1.24

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.69	5TH 6.41	16TH 7.51	25TH 8.32
		75TH 11.92	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 21.74	(SEDIGRAPH) 78.26
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	21.74PCT. GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

08/29/83

PHI	FCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	3.85	3.85	****
6.50	5.77	9.62	*****
7.00	4.81	14.42	*****
7.50	5.77	20.19	*****
8.00	4.81	25.00	*****
8.50	4.81	29.81	*****
9.00	4.81	34.62	*****
9.50	4.81	39.42	*****
10.00	4.81	44.23	*****
10.50	4.81	49.04	*****
11.00	6.73	55.77	*****
11.50	7.69	63.46	*****
12.00	9.62	73.08	*****
****	26.92	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.89 1.95 -.08 -1.32

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.57	5TH 6.10	16TH 7.14	25TH 8.00
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 25.00	(SEDIGRAPH) 75.00
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	25.00	PCT. GRAV+SAND/SILT+CLAY .00
LABELS SHEPARD	-SILTY CLAY	FOLK(GMS)-MUD		(SCS)-CLAY



08/29/83

PHI	FCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	0.00	0.00	
6.50	1.25	1.25	*
7.00	3.75	5.00	****
7.50	5.00	10.00	*****
8.00	5.00	15.00	*****
8.50	3.75	18.75	****
9.00	3.75	22.50	****
9.50	5.00	27.50	*****
10.00	5.00	32.50	*****
10.50	3.75	36.25	****
11.00	5.00	41.25	*****
11.50	7.50	48.75	*****
12.00	6.25	55.00	*****
****	45.00	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.40 1.68 -.08 -1.26 KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 11.60	5TH 7.00	16TH 8.13	25TH 9.25
		75TH*****	84TH*****	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 15.00	(SEDIGRAPH) 85.00
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	15.00PCT.GRAV+SAND/SILT+CLAY	.00
LABELS SHEPARD -CLAY		FOLK(GMS)-MUD		(SCS)-CLAY

P-7-M 205-206 26/07/83 SEDIGRAPH ANALYSIS

08/29/83

PHI	PCT.	CUMPCT.	
3.50			
4.00	0.00	0.00	
4.50	0.00	0.00	
5.00	0.00	0.00	
5.50	0.00	0.00	
6.00	2.86	2.86	***
6.50	2.86	5.71	***
7.00	4.29	10.00	****
7.50	4.29	14.29	****
8.00	5.71	20.00	*****
8.50	4.29	24.29	****
9.00	5.71	30.00	*****
9.50	5.00	35.00	****
10.00	4.29	39.29	****
10.50	6.43	45.71	*****
11.00	15.71	61.43	*****
11.50	15.71	77.14	*****
12.00	10.00	87.14	*****
****	12.86	100.00	*****

MEAN ST.DEV. SKEWNESS KURTOSIS

9.65 1.78 -.33 -.84

KRUMBEIN + PETTIJOHN (1938) MOMENT MEASURES FOR SIZE RANGE 4.0 TO 12.0 PHI

> 5 PERCENT OF THE FINES ARE NOT RESOLVED, OBTAIN FOLK STATS. GRAPHICALLY

PERCENTILES	MEDIAN 10.64	5TH 6.38	16TH 7.65	25TH 8.56
		75TH 11.43	84TH 11.84	95TH*****
PCT. GRAVEL	.00	SAND 0.00	SILT (PIPETTE) 0.00	CLAY (PIPETTE) 0.00
			(SEDIGRAPH) 20.00	(SEDIGRAPH) 80.00
GRAVEL+SAND	.00	SILT/(SILT+CLAY)	20.00	PCT. GRAV+SAND/SILT+CLAY .00
LABELS SHEPARD	-CLAY	FOLK(GMS)-MUD		(SCS)-CLAY