

KAUROA ASH

Appendix H-5.18 Combined texture

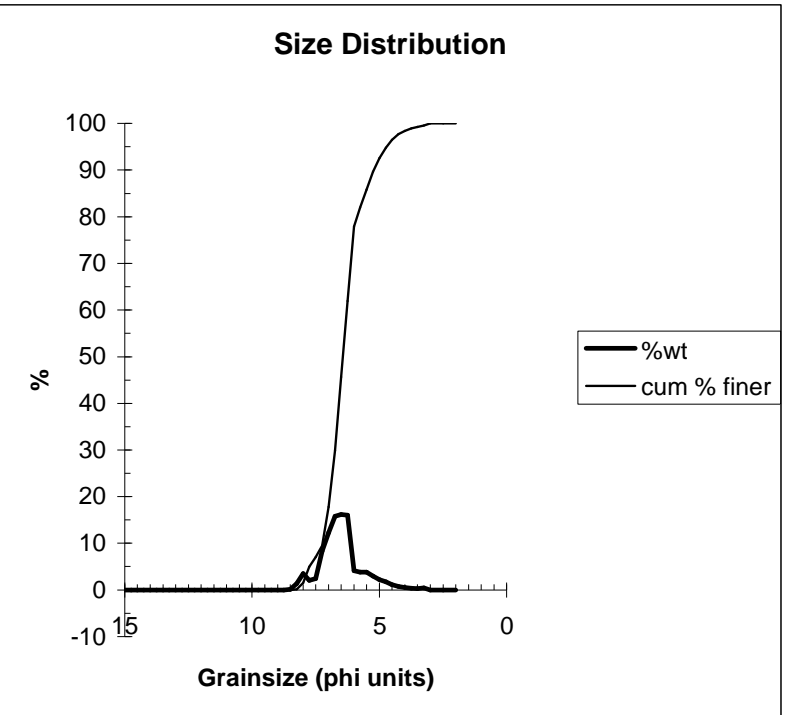
Sample 72 Kauroa Ashes								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample:	72	
1	0.2500	2.00	0.00	0.00	0.000	100.00				
2	0.1768	2.50	0.00	0.00	0.000	100.00				
3	0.1250	3.00	0.00	0.00	0.000	100.00				
4	0.1051	3.25	0.40	0.40	0.400	99.60	mode at 3.13			
5	0.0884	3.50	0.72	0.32	0.320	99.28				
6	0.0743	3.75	1.09	0.37	0.370	98.91				
7	0.0625	4.00	1.58	0.49	0.490	98.42				
8	0.0526	4.25	2.31	0.73	0.730	97.69				
9	0.0442	4.50	3.48	1.17	1.170	96.52				
10	0.0372	4.75	5.21	1.73	1.730	94.79				
11	0.0313	5.00	7.41	2.20	2.200	92.59				
12	0.0263	5.25	10.38	2.97	2.969	89.62				
13	0.0221	5.50	14.15	3.77	3.769	85.85				
14	0.0186	5.75	18.01	3.86	3.859	81.99				
15	0.0156	6.00	22.12	4.11	4.109	77.88				
16	0.0131	6.25	38.10	15.98	15.977	61.91				
17	0.0110	6.50	54.30	16.20	16.197	45.71	mode at 6.38			
18	0.0093	6.75	70.05	15.75	15.747	29.96				
19	0.0078	7.00	82.27	12.22	12.218	17.75				
20	0.0066	7.25	90.56	8.29	8.288	9.46				
21	0.0055	7.50	92.98	2.42	2.420	7.04				
22	0.0046	7.75	95.04	2.06	2.060	4.98				
23	0.0039	8.00	98.54	3.50	3.499	1.48	mode at 7.88			
24	0.0033	8.25	99.86	1.32	1.320	0.16				
25	0.0028	8.50	100.02	0.16	0.160	0.00				
26	0.0023	8.75	100.02	0.00	0.000	0.00				
27	0.0020	9.00	100.02	0.00	0.000	0.00				
28	0.0016	9.25	100.02	0.00	0.000	0.00				
29	0.0014	9.50	100.02	0.00	0.000	0.00				

Percentiles		
	phi	mm
95	4.72	0.038
84	5.62	0.020
75	6.05	0.015
50	6.43	0.012
25	6.85	0.009
16	7.05	0.008
5	7.75	0.005

Stats from Moments		
	phi	mm
Mean	6.97	0.008
SD	1.01	
Skewness	-1.71	
Kurtosis	4.41	

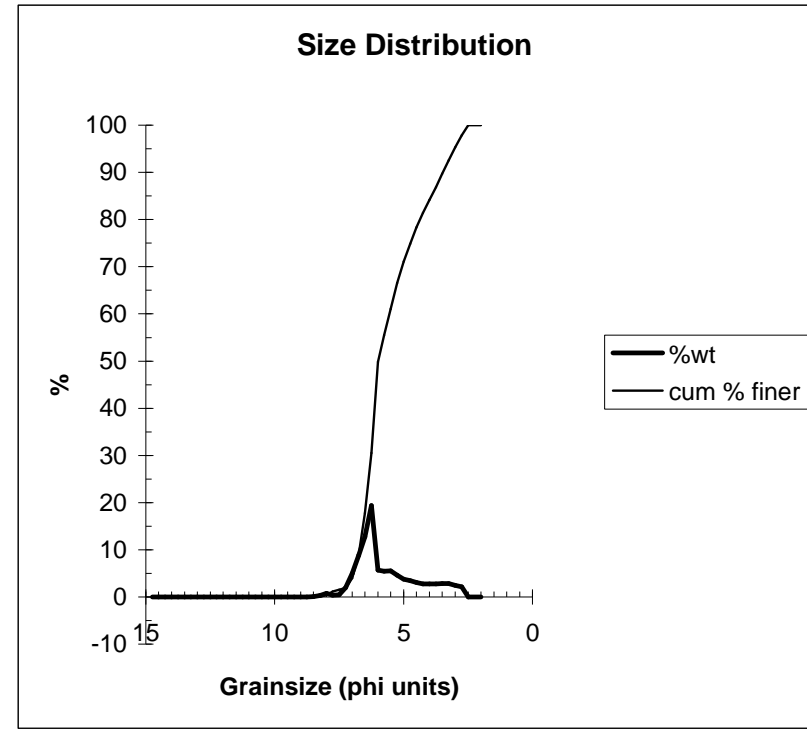
Folks' Graphic Stats		
	phi	mm
Mean (Mz)	6.37	0.012
Sorting (SI)	0.82	
Skewness (SkI)	-0.13	
Kurtosis (KG)	1.54	

30	0.0012	9.75	100.02	0.00	0.000	0.00
31	0.0010	10.00	100.02	0.00	0.000	0.00
32	0.0008	10.25	100.02	0.00	0.000	0.00
33	0.0007	10.50	100.02	0.00	0.000	0.00
34	0.0006	10.75	100.02	0.00	0.000	0.00
35	0.0005	11.00	100.02	0.00	0.000	0.00
36	0.0004	11.25	100.02	0.00	0.000	0.00
37	0.0003	11.50	100.02	0.00	0.000	0.00
38	0.0003	11.75	100.02	0.00	0.000	0.00
39	0.0002	12.00	100.02	0.00	0.000	0.00
40	0.0002	12.25	100.02	0.00	0.000	0.00
41	0.0002	12.50	100.02	0.00	0.000	0.00
42	0.0001	12.75	100.02	0.00	0.000	0.00
43	0.0001	13.00	100.02	0.00	0.000	0.00
44	0.0001	13.25	100.02	0.00	0.000	0.00
45	0.0001	13.50	100.02	0.00	0.000	0.00
46	0.0001	13.75	100.02	0.00	0.000	0.00
47	0.0001	14.00	100.02	0.00	0.000	0.00
48	0.0001	14.25	100.02	0.00	0.000	0.00
49	0.0000	14.50	100.02	0.00	0.000	0.00
50	0.0000	14.75	100.02	0.00	0.000	0.00
51	0.0000	15.00	100.02	0.00	0.000	0.00
<i>Sums:</i>			100.02	100.02	92.961	



Sample 71 Kauroa Ashes							Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt% cum % finer	Modes	Sample:		
1	0.2500	2.00	0.00	0.00	0.000	100.00	71		
2	0.1768	2.50	0.00	0.00	0.000	100.00	Percentiles		
3	0.1487	2.75	2.17	2.17	2.170	97.83		<i>phi</i>	<i>mm</i>
4	0.1250	3.00	4.67	2.50	2.500	95.33	95	3.03	0.122
5	0.1051	3.25	7.49	2.82	2.820	92.51	84	4.01	0.062
6	0.0884	3.50	10.34	2.85	2.850	89.66	75	4.74	0.037
7	0.0743	3.75	13.12	2.78	2.780	86.88	50	5.99	0.016
8	0.0625	4.00	15.87	2.75	2.750	84.13	25	6.36	0.012
9	0.0526	4.25	18.63	2.76	2.760	81.37	16	6.55	0.011
10	0.0442	4.50	21.67	3.04	3.040	78.33	5	6.95	0.008
11	0.0372	4.75	25.12	3.45	3.450	74.88	Stats from Moments		
12	0.0313	5.00	28.88	3.76	3.760	71.12		<i>phi</i>	<i>mm</i>
13	0.0263	5.25	33.48	4.60	4.600	66.52	Mean	5.74	0.019
14	0.0221	5.50	38.99	5.51	5.510	61.01	SD	1.24	
15	0.0186	5.75	44.46	5.47	5.470	55.54	Skewness	-1.00	
16	0.0156	6.00	50.15	5.69	5.690	49.85	Kurtosis	2.91	
17	0.0131	6.25	69.49	19.34	19.340	30.51	Folks' Graphic Stats		
18	0.0110	6.50	82.24	12.75	12.750	17.76		<i>phi</i>	<i>mm</i>
19	0.0093	6.75	91.05	8.81	8.810	8.95	Mean (Mz)	5.52	0.022
20	0.0078	7.00	96.04	4.99	4.990	3.96	Sorting (SI)	1.23	
21	0.0066	7.25	98.06	2.02	2.020	1.94	Skewness (SkI)	-0.54	
22	0.0055	7.50	98.48	0.42	0.420	1.52	Kurtosis (KG)	0.99	
23	0.0046	7.75	98.85	0.37	0.370	1.15			
24	0.0039	8.00	99.62	0.77	0.770	0.38			
25	0.0033	8.25	99.95	0.33	0.330	0.05			
26	0.0028	8.50	100.00	0.05	0.050	0.00			
27	0.0023	8.75	100.00	0.00	0.000	0.00			
28	0.0020	9.00	100.00	0.00	0.000	0.00			
29	0.0016	9.25	100.00	0.00	0.000	0.00			

30	0.0014	9.50	100.00	0.00	0.000	0.00
31	0.0012	9.75	100.00	0.00	0.000	0.00
32	0.0010	10.00	100.00	0.00	0.000	0.00
33	0.0008	10.25	100.00	0.00	0.000	0.00
34	0.0007	10.50	100.00	0.00	0.000	0.00
35	0.0006	10.75	100.00	0.00	0.000	0.00
36	0.0005	11.00	100.00	0.00	0.000	0.00
37	0.0004	11.25	100.00	0.00	0.000	0.00
38	0.0003	11.50	100.00	0.00	0.000	0.00
39	0.0003	11.75	100.00	0.00	0.000	0.00
40	0.0002	12.00	100.00	0.00	0.000	0.00
41	0.0002	12.25	100.00	0.00	0.000	0.00
42	0.0002	12.50	100.00	0.00	0.000	0.00
43	0.0001	12.75	100.00	0.00	0.000	0.00
44	0.0001	13.00	100.00	0.00	0.000	0.00
45	0.0001	13.25	100.00	0.00	0.000	0.00
46	0.0001	13.50	100.00	0.00	0.000	0.00
47	0.0001	13.75	100.00	0.00	0.000	0.00
48	0.0001	14.00	100.00	0.00	0.000	0.00
49	0.0001	14.25	100.00	0.00	0.000	0.00
50	0.0000	14.50	100.00	0.00	0.000	0.00
51	0.0000	14.75	100.00	0.00	0.000	0.00
<i>Sums:</i>			100	100	98.060	



Sample 167 Kauroa Ashes

	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes
1	0.2500	2.00	0.00	0.00	0.000	100.00	
2	0.1768	2.50	0.00	0.00	0.000	100.00	
3	0.1250	3.00	0.00	0.00	0.000	100.00	
4	0.1051	3.25	0.64	0.64	0.640	99.36	mode at 3.13
5	0.0884	3.50	1.21	0.57	0.570	98.79	
6	0.0743	3.75	1.90	0.69	0.690	98.10	
7	0.0625	4.00	2.71	0.81	0.810	97.29	
8	0.0526	4.25	3.62	0.91	0.910	96.38	
9	0.0442	4.50	4.67	1.05	1.050	95.33	
10	0.0372	4.75	5.86	1.19	1.190	94.14	
11	0.0313	5.00	7.15	1.29	1.290	92.85	
12	0.0263	5.25	8.78	1.63	1.630	91.22	
13	0.0221	5.50	10.89	2.11	2.110	89.11	
14	0.0186	5.75	13.23	2.34	2.340	86.77	
15	0.0156	6.00	16.02	2.79	2.790	83.98	
16	0.0131	6.25	29.60	13.58	13.580	70.40	
17	0.0110	6.50	44.26	14.66	14.660	55.74	
18	0.0093	6.75	59.78	15.52	15.520	40.22	mode at 6.63
19	0.0078	7.00	74.19	14.41	14.410	25.81	
20	0.0066	7.25	85.42	11.23	11.230	14.58	
21	0.0055	7.50	88.91	3.49	3.490	11.09	
22	0.0046	7.75	92.00	3.09	3.090	8.00	
23	0.0039	8.00	97.55	5.55	5.550	2.45	mode at 7.88
24	0.0033	8.25	99.74	2.19	2.190	0.26	
25	0.0028	8.50	100.00	0.26	0.260	0.00	
26	0.0023	8.75	100.00	0.00	0.000	0.00	
27	0.0020	9.00	100.00	0.00	0.000	0.00	
28	0.0016	9.25	100.00	0.00	0.000	0.00	
29	0.0014	9.50	100.00	0.00	0.000	0.00	

Grainsize Statistics

Sample: 167

Percentiles

	phi	mm
95	4.57	0.042
84	6.00	0.016
75	6.17	0.014
50	6.59	0.010
25	7.02	0.008
16	7.22	0.007
5	7.89	0.004

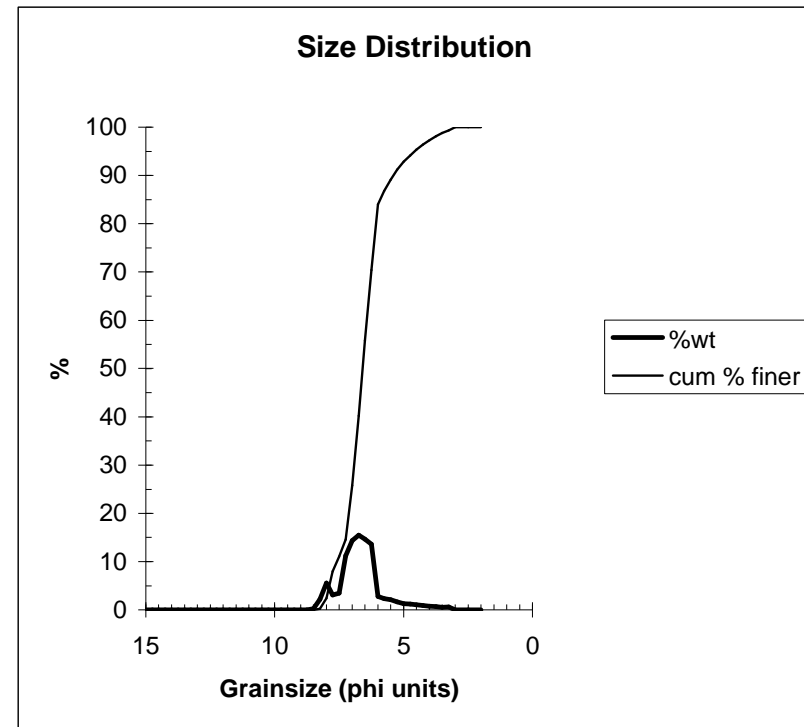
Stats from Moments

	phi	mm
Mean	7.46	0.006
SD	1.30	
Skewness	-1.76	
Kurtosis	3.98	

Folks' Graphic Stats

	phi	mm
Mean (Mz)	6.60	0.010
Sorting (SI)	0.81	
Skewness (SkI)	-0.10	
Kurtosis (KG)	1.59	

30	0.0012	9.75	100.00	0.00	0.000	0.00
31	0.0010	10.00	100.00	0.00	0.000	0.00
32	0.0008	10.25	100.00	0.00	0.000	0.00
33	0.0007	10.50	100.00	0.00	0.000	0.00
34	0.0006	10.75	100.00	0.00	0.000	0.00
35	0.0005	11.00	100.00	0.00	0.000	0.00
36	0.0004	11.25	100.00	0.00	0.000	0.00
37	0.0003	11.50	100.00	0.00	0.000	0.00
38	0.0003	11.75	100.00	0.00	0.000	0.00
39	0.0002	12.00	100.00	0.00	0.000	0.00
40	0.0002	12.25	100.00	0.00	0.000	0.00
41	0.0002	12.50	100.00	0.00	0.000	0.00
42	0.0001	12.75	100.00	0.00	0.000	0.00
43	0.0001	13.00	100.00	0.00	0.000	0.00
44	0.0001	13.25	100.00	0.00	0.000	0.00
45	0.0001	13.50	100.00	0.00	0.000	0.00
46	0.0001	13.75	100.00	0.00	0.000	0.00
47	0.0001	14.00	100.00	0.00	0.000	0.00
48	0.0001	14.25	100.00	0.00	0.000	0.00
49	0.0000	14.50	100.00	0.00	0.000	0.00
50	0.0000	14.75	100.00	0.00	0.000	0.00
51	0.0000	15.00	100.00	0.00	0.000	0.00
<i>Sums:</i>			100	100	88.910	

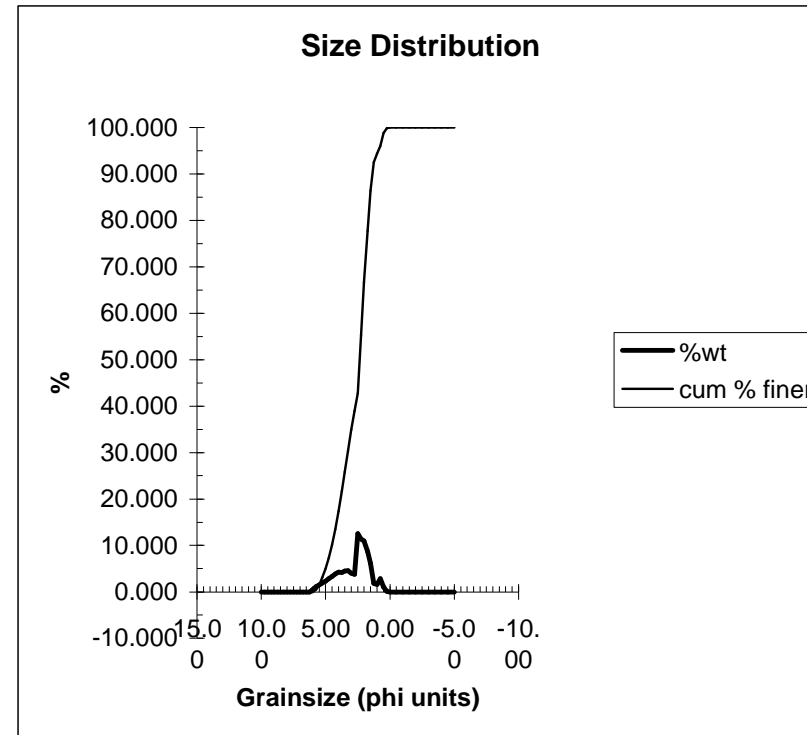


MAHOENUI GROUP MUDSTONES

Sample 126 Mahoenui Group mudstones							Grainsize Statistics		
	mm	phi	wt (g)	wt (g)	wt% cum	% fine Modes			
							Sample: 126		
							Percentiles		
							<i>phi</i>	<i>mm</i>	
1	32.0000	-5.00	0.00	0.00	0.000	100.00	95	0.91	0.534
2	22.6274	-4.50	0.00	0.00	0.000	100.00	84	1.57	0.337
3	16.0000	-4.00	0.00	0.00	0.000	100.00	75	1.81	0.285
4	11.3137	-3.50	0.00	0.00	0.000	100.00	50	2.36	0.195
5	8.0000	-3.00	0.00	0.00	0.000	100.00	25	3.55	0.085
6	5.6569	-2.50	0.00	0.00	0.000	100.00	16	4.09	0.059
7	4.0000	-2.00	0.00	0.00	0.000	100.00	5	5.00	0.031
8	2.8284	-1.50	0.00	0.00	0.000	100.00			
9	2.0000	-1.00	0.00	0.00	0.000	100.00			
10	1.4142	-0.50	0.00	0.00	0.000	100.00			
11	1.0000	0.00	0.00	0.00	0.000	100.00			
12	0.8409	0.25	0.12	0.12	0.120	99.88			
13	0.7071	0.50	1.18	1.06	1.060	98.82	Stats from Moments		
14	0.5946	0.75	3.99	2.81	2.811	96.01 mode at 0.63	<i>phi</i>	<i>mm</i>	
15	0.5000	1.00	5.61	1.62	1.620	94.39	Mean	4.90	0.034
16	0.4204	1.25	7.47	1.86	1.861	92.53	SD	3.21	
17	0.3536	1.50	13.60	6.13	6.132	86.40	Skewness	-0.93	
18	0.2973	1.75	22.29	8.69	8.693	77.70	Kurtosis	0.93	
19	0.2500	2.00	33.31	11.02	11.023	66.68			
20	0.2102	2.25	44.70	11.39	11.393	55.29			
21	0.1768	2.50	57.20	12.50	12.504	42.78 mode at 2.38	Folks' Graphic Stats		
22	0.1487	2.75	61.01	3.81	3.811	38.97	<i>phi</i>	<i>mm</i>	
23	0.1250	3.00	65.03	4.02	4.021	34.95 mode at 2.88	Mean (Mz)	2.67	0.157
24	0.1051	3.25	69.62	4.59	4.591	30.36 mode at 3.13	Sorting (SI)	1.25	
25	0.0884	3.50	74.13	4.51	4.511	25.85	Skewness (SkI)	0.33	
26	0.0743	3.75	78.32	4.19	4.191	21.66	Kurtosis (KG)	0.96	
27	0.0625	4.00	82.58	4.26	4.261	17.40			
28	0.0526	4.25	86.49	3.91	3.911	13.48			
29	0.0442	4.50	89.84	3.35	3.351	10.13			
30	0.0372	4.75	92.69	2.85	2.851	7.28			
31	0.0313	5.00	95.01	2.32	2.321	4.96			
32	0.0263	5.25	96.90	1.89	1.891	3.07			
33	0.0221	5.50	98.42	1.52	1.520	1.55			

34	0.0186	5.75	99.51	1.09	1.090	0.46
35	0.0156	6.00	99.97	0.46	0.460	0.00
36	0.0131	6.25	99.97	0.00	0.000	0.00
37	0.0110	6.50	99.97	0.00	0.000	0.00
38	0.0093	6.75	99.97	0.00	0.000	0.00
39	0.0078	7.00	99.97	0.00	0.000	0.00
40	0.0066	7.25	99.97	0.00	0.000	0.00
41	0.0055	7.50	99.97	0.00	0.000	0.00
42	0.0046	7.75	99.97	0.00	0.000	0.00
43	0.0039	8.00	99.97	0.00	0.000	0.00
44	0.0033	8.25	99.97	0.00	0.000	0.00
45	0.0028	8.50	99.97	0.00	0.000	0.00
46	0.0023	8.75	99.97	0.00	0.000	0.00
47	0.0020	9.00	99.97	0.00	0.000	0.00
48	0.0016	9.25	99.97	0.00	0.000	0.00
49	0.0014	9.50	99.97	0.00	0.000	0.00
50	0.0012	9.75	99.97	0.00	0.000	0.00
51	0.0010	10.00	99.97	0.00	0.000	0.00

Sums: 99.97 99.97 57.217



Sample 126 Mahoenui Group mudstones

	mm	phi	Cum wt (g)	wt (g)	wt%	cum % fine	Modes
1	32.0000	-5.00	0.00	0.00	0.000	100.00	
2	22.6274	-4.50	0.00	0.00	0.000	100.00	
3	16.0000	-4.00	0.00	0.00	0.000	100.00	
4	11.3137	-3.50	0.00	0.00	0.000	100.00	
5	8.0000	-3.00	0.00	0.00	0.000	100.00	
6	5.6569	-2.50	0.00	0.00	0.000	100.00	
7	4.0000	-2.00	0.00	0.00	0.000	100.00	
8	2.8284	-1.50	0.00	0.00	0.000	100.00	
9	2.0000	-1.00	0.00	0.00	0.000	100.00	
10	1.4142	-0.50	0.00	0.00	0.000	100.00	
11	1.0000	0.00	0.00	0.00	0.000	100.00	
12	0.8409	0.25	1.00	1.00	1.000	99.00	
13	0.7071	0.50	2.11	1.11	1.110	97.89	
14	0.5946	0.75	5.29	3.18	3.180	94.71	mode at 0.63
15	0.5000	1.00	7.03	1.74	1.740	92.97	
16	0.4204	1.25	8.98	1.95	1.950	91.02	
17	0.3536	1.50	15.43	6.45	6.450	84.57	
18	0.2973	1.75	24.66	9.23	9.230	75.34	
19	0.2500	2.00	36.67	12.01	12.010	63.33	
20	0.2102	2.25	50.50	13.83	13.830	49.50	
21	0.1768	2.50	68.79	18.29	18.290	31.21	mode at 2.38
22	0.1487	2.75	74.39	5.60	5.600	25.61	
23	0.1250	3.00	79.82	5.43	5.430	20.18	
24	0.1051	3.25	85.24	5.42	5.420	14.76	
25	0.0884	3.50	89.57	4.33	4.330	10.43	
26	0.0743	3.75	92.80	3.23	3.230	7.20	
27	0.0625	4.00	95.36	2.56	2.560	4.64	
28	0.0526	4.25	97.11	1.75	1.750	2.89	
29	0.0442	4.50	98.23	1.12	1.120	1.77	
30	0.0372	4.75	99.00	0.77	0.770	1.00	
31	0.0313	5.00	99.60	0.60	0.600	0.40	
32	0.0263	5.25	100.00	0.40	0.400	0.00	
33	0.0221	5.50	100.00	0.00	0.000	0.00	

Grainsize Statistics

Sample: 127

Percentiles

	phi	mm
95	0.73	0.604
84	1.52	0.350
75	1.76	0.296
50	2.24	0.212
25	2.78	0.146
16	3.19	0.109
5	3.96	0.064

Stats from Moments

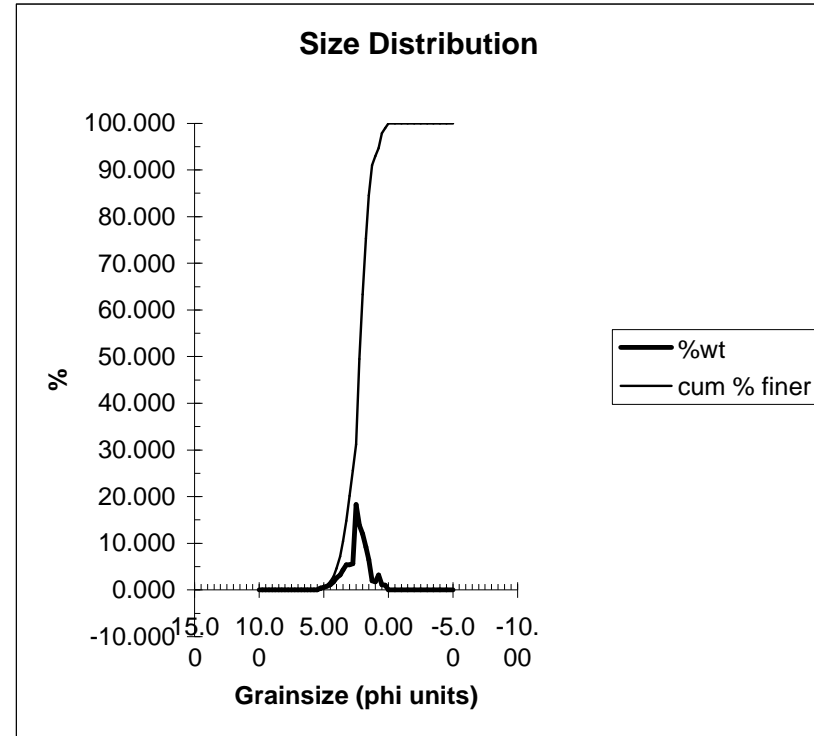
	phi	mm
Mean	3.52	0.087
SD	1.71	
Skewness	-1.08	
Kurtosis	1.42	

Folks' Graphic Stats

	phi	mm
Mean (Mz)	2.32	0.201
Sorting (SI)	0.91	
Skewness (SkI)	0.10	
Kurtosis (KG)	1.30	

34	0.0186	5.75	100.00	0.00	0.000	0.00
35	0.0156	6.00	100.00	0.00	0.000	0.00
36	0.0131	6.25	100.00	0.00	0.000	0.00
37	0.0110	6.50	100.00	0.00	0.000	0.00
38	0.0093	6.75	100.00	0.00	0.000	0.00
39	0.0078	7.00	100.00	0.00	0.000	0.00
40	0.0066	7.25	100.00	0.00	0.000	0.00
41	0.0055	7.50	100.00	0.00	0.000	0.00
42	0.0046	7.75	100.00	0.00	0.000	0.00
43	0.0039	8.00	100.00	0.00	0.000	0.00
44	0.0033	8.25	100.00	0.00	0.000	0.00
45	0.0028	8.50	100.00	0.00	0.000	0.00
46	0.0023	8.75	100.00	0.00	0.000	0.00
47	0.0020	9.00	100.00	0.00	0.000	0.00
48	0.0016	9.25	100.00	0.00	0.000	0.00
49	0.0014	9.50	100.00	0.00	0.000	0.00
50	0.0012	9.75	100.00	0.00	0.000	0.00
51	0.0010	10.00	100.00	0.00	0.000	0.00

Sums: 100 100 68.790



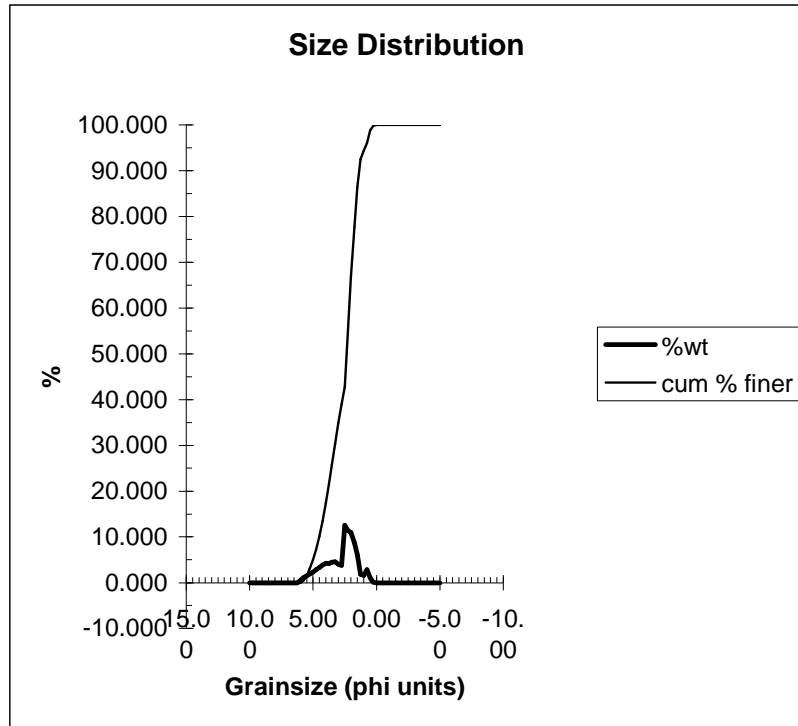
Sample 126 Mahoenui Group mudstones							Grainsize Statistics		
	mm	phi	Cum						
			wt (g)	wt (g)	wt%	cum %	fine	Modes	
1	32.0000	-5.00	0.00	0.00	0.000	100.00			
2	22.6274	-4.50	0.00	0.00	0.000	100.00			
3	16.0000	-4.00	0.00	0.00	0.000	100.00			
4	11.3137	-3.50	0.00	0.00	0.000	100.00			
5	8.0000	-3.00	0.00	0.00	0.000	100.00			
6	5.6569	-2.50	0.00	0.00	0.000	100.00			
7	4.0000	-2.00	0.00	0.00	0.000	100.00			
8	2.8284	-1.50	0.00	0.00	0.000	100.00			
9	2.0000	-1.00	0.00	0.00	0.000	100.00			
10	1.4142	-0.50	0.00	0.00	0.000	100.00			
11	1.0000	0.00	0.00	0.00	0.000	100.00			
12	0.8409	0.25	0.12	0.12	0.120	99.88			
13	0.7071	0.50	1.18	1.06	1.060	98.82			
14	0.5946	0.75	3.99	2.81	2.811	96.01	mode at 0.63		
15	0.5000	1.00	5.61	1.62	1.620	94.39			
16	0.4204	1.25	7.47	1.86	1.861	92.53			
17	0.3536	1.50	13.60	6.13	6.132	86.40			
18	0.2973	1.75	22.29	8.69	8.693	77.70			
19	0.2500	2.00	33.31	11.02	11.023	66.68			
20	0.2102	2.25	44.70	11.39	11.393	55.29			
21	0.1768	2.50	57.20	12.50	12.504	42.78	mode at 2.38		
22	0.1487	2.75	61.01	3.81	3.811	38.97			
23	0.1250	3.00	65.03	4.02	4.021	34.95	mode at 2.88		
24	0.1051	3.25	69.62	4.59	4.591	30.36	mode at 3.13		
25	0.0884	3.50	74.13	4.51	4.511	25.85			
26	0.0743	3.75	78.32	4.19	4.191	21.66			
27	0.0625	4.00	82.58	4.26	4.261	17.40			
28	0.0526	4.25	86.49	3.91	3.911	13.48			
29	0.0442	4.50	89.84	3.35	3.351	10.13			
30	0.0372	4.75	92.69	2.85	2.851	7.28			
31	0.0313	5.00	95.01	2.32	2.321	4.96			
32	0.0263	5.25	96.90	1.89	1.891	3.07			
33	0.0221	5.50	98.42	1.52	1.520	1.55			

Grainsize Statistics		
Sample:	126	
Percentiles		
	phi	mm
95	0.91	0.534
84	1.57	0.337
75	1.81	0.285
50	2.36	0.195
25	3.55	0.085
16	4.09	0.059
5	5.00	0.031

Stats from Moments		
	phi	mm
Mean	4.90	0.034
SD	3.21	
Skewness	-0.93	
Kurtosis	0.93	

Folks' Graphic Stats		
	phi	mm
Mean (Mz)	2.67	0.157
Sorting (SI)	1.25	
Skewness (SkI)	0.33	
Kurtosis (KG)	0.96	

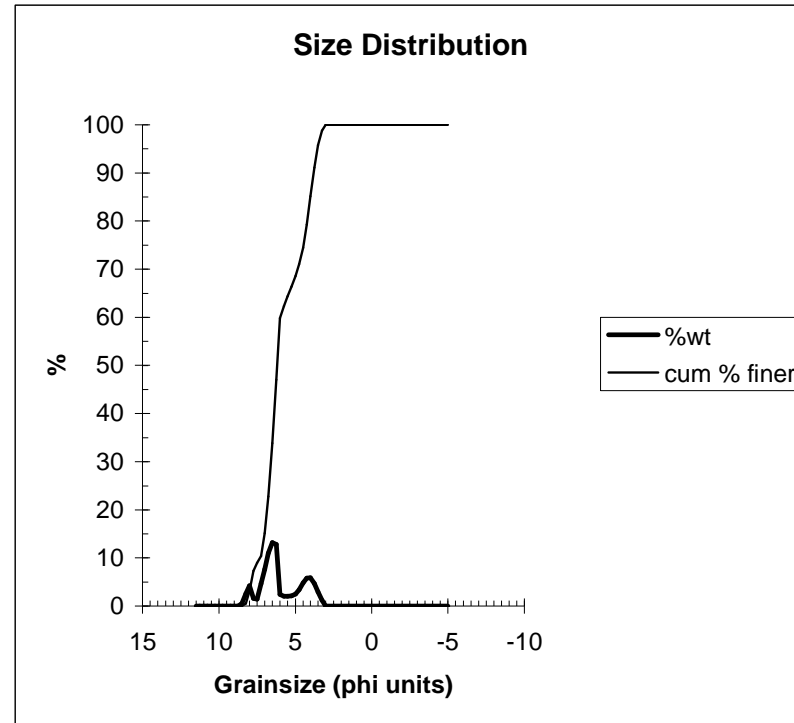
34	0.0186	5.75	99.51	1.09	1.090	0.46
35	0.0156	6.00	99.97	0.46	0.460	0.00
36	0.0131	6.25	99.97	0.00	0.000	0.00
37	0.0110	6.50	99.97	0.00	0.000	0.00
38	0.0093	6.75	99.97	0.00	0.000	0.00
39	0.0078	7.00	99.97	0.00	0.000	0.00
40	0.0066	7.25	99.97	0.00	0.000	0.00
41	0.0055	7.50	99.97	0.00	0.000	0.00
42	0.0046	7.75	99.97	0.00	0.000	0.00
43	0.0039	8.00	99.97	0.00	0.000	0.00
44	0.0033	8.25	99.97	0.00	0.000	0.00
45	0.0028	8.50	99.97	0.00	0.000	0.00
46	0.0023	8.75	99.97	0.00	0.000	0.00
47	0.0020	9.00	99.97	0.00	0.000	0.00
48	0.0016	9.25	99.97	0.00	0.000	0.00
49	0.0014	9.50	99.97	0.00	0.000	0.00
50	0.0012	9.75	99.97	0.00	0.000	0.00
51	0.0010	10.00	99.97	0.00	0.000	0.00
<i>Sums:</i>			99.97	99.97	57.217	



DISCRETE SEAMS

Sample 171 discrete seam Lower Steel								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt% cum	% finer	Modes	Sample:		
1	32.0000	-5.00	0.00	0.00	0.000	100.00		171		
2	22.6274	-4.50	0.00	0.00	0.000	100.00		Percentiles		
3	16.0000	-4.00	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
4	11.3137	-3.50	0.00	0.00	0.000	100.00		95	3.54	0.086
5	8.0000	-3.00	0.00	0.00	0.000	100.00		84	4.05	0.060
6	5.6569	-2.50	0.00	0.00	0.000	100.00		75	4.47	0.045
7	4.0000	-2.00	0.00	0.00	0.000	100.00		50	6.19	0.014
8	2.8284	-1.50	0.00	0.00	0.000	100.00		25	6.70	0.010
9	2.0000	-1.00	0.00	0.00	0.000	100.00		16	6.97	0.008
10	1.4142	-0.50	0.00	0.00	0.000	100.00		5	7.89	0.004
11	1.0000	0.00	0.00	0.00	0.000	100.00		Stats from Moments		
12	0.7071	0.50	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
13	0.5000	1.00	0.00	0.00	0.000	100.00		Mean	39.79	0.000
14	0.3536	1.50	0.00	0.00	0.000	100.00		SD	87.91	
15	0.2500	2.00	0.00	0.00	0.000	100.00		Skewness	-0.39	
16	0.1768	2.50	0.00	0.00	0.000	100.00		Kurtosis	0.15	
17	0.1250	3.00	0.00	0.00	0.000	100.00		Folks' Graphic Stats		
18	0.1051	3.25	1.22	1.22	1.220	98.78			<i>phi</i>	<i>mm</i>
19	0.0884	3.50	4.21	2.99	2.990	95.79		Mean (Mz)	5.74	0.019
20	0.0743	3.75	8.94	4.73	4.730	91.06		Sorting (SI)	1.39	
21	0.0625	4.00	14.87	5.93	5.929	85.13	mode at 3.88	Skewness (SkI)	-0.34	
22	0.0526	4.25	20.70	5.83	5.829	79.30		Kurtosis (KG)	0.80	
23	0.0442	4.50	25.55	4.85	4.850	74.45				
24	0.0372	4.75	28.95	3.40	3.400	71.05				
25	0.0313	5.00	31.44	2.49	2.490	68.56				
26	0.0263	5.25	33.57	2.13	2.130	66.43				
27	0.0221	5.50	35.63	2.06	2.060	64.37				
28	0.0186	5.75	37.68	2.05	2.050	62.32				
29	0.0156	6.00	40.15	2.47	2.470	59.85				

30	0.0131	6.25	52.98	12.83	12.829	47.03
31	0.0110	6.50	66.19	13.21	13.209	33.82
32	0.0093	6.75	77.25	11.06	11.059	22.76
33	0.0078	7.00	84.88	7.63	7.629	15.13
34	0.0066	7.25	89.57	4.69	4.690	10.44
35	0.0055	7.50	91.03	1.46	1.460	8.98
36	0.0046	7.75	92.66	1.63	1.630	7.35
37	0.0039	8.00	96.91	4.25	4.250	3.10
38	0.0033	8.25	99.46	2.55	2.550	0.55
39	0.0028	8.50	99.99	0.53	0.530	0.02
40	0.0023	8.75	100.01	0.02	0.020	0.00
41	0.0020	9.00	100.01	0.00	0.000	0.00
42	0.0016	9.25	100.01	0.00	0.000	0.00
43	0.0014	9.50	100.01	0.00	0.000	0.00
44	0.0012	9.75	100.01	0.00	0.000	0.00
45	0.0010	10.00	100.01	0.00	0.000	0.00
46	0.0008	10.25	100.01	0.00	0.000	0.00
47	0.0007	10.50	100.01	0.00	0.000	0.00
48	0.0006	10.75	100.01	0.00	0.000	0.00
49	0.0005	11.00	100.01	0.00	0.000	0.00
50	0.0004	11.25	100.01	0.00	0.000	0.00
51	0.0003	11.50	100.01	0.00	0.000	0.00
<i>Sums:</i>		100.01	100.01	14.869		



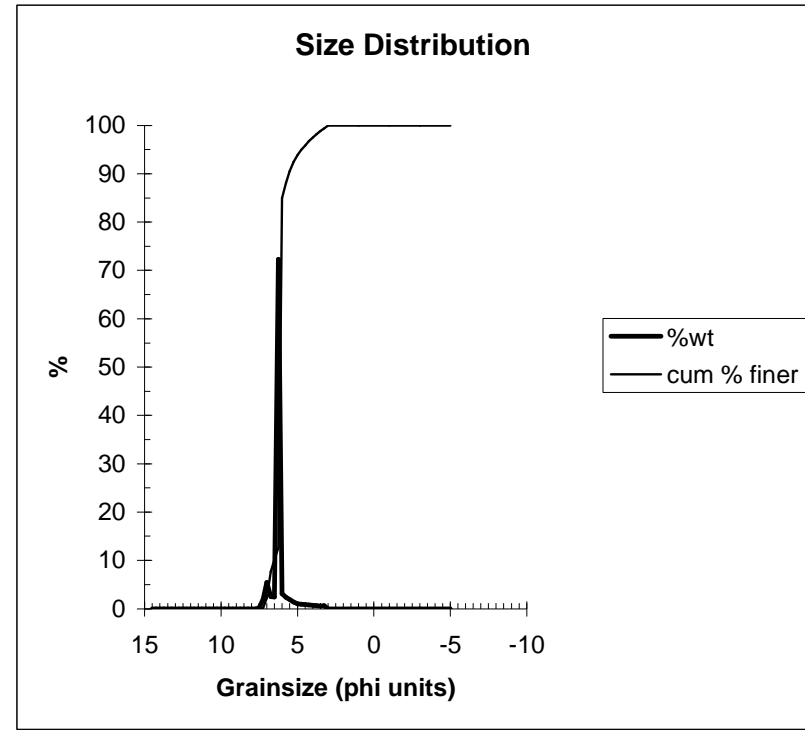
Sample 117 discrete seam Aglime								Grainsize Statistics		
	mm	phi	wt (g)	wt (g)	wt%	cum % finer	Modes	Sample:		
								117		
1	32.0000	-5.00	0.00	0.00	0.000	100.00				
2	8.0000	-3.00	0.00	0.00	0.000	100.00				
3	2.0000	-1.00	0.00	0.00	0.000	100.00				
4	0.5000	1.00	0.00	0.00	0.000	100.00				
5	0.1250	3.00	0.00	0.00	0.000	100.00				
6	0.1051	3.25	0.61	0.61	0.610	99.39	mode at 3.13			
7	0.0884	3.50	1.16	0.55	0.550	98.84				
8	0.0743	3.75	1.81	0.65	0.650	98.19				
9	0.0625	4.00	2.53	0.72	0.720	97.47				
10	0.0526	4.25	3.29	0.76	0.760	96.71				
11	0.0442	4.50	4.14	0.85	0.850	95.86				
12	0.0372	4.75	5.10	0.96	0.960	94.90				
13	0.0313	5.00	6.16	1.06	1.060	93.84				
14	0.0263	5.25	7.56	1.40	1.400	92.44				
15	0.0221	5.50	9.50	1.94	1.940	90.50				
16	0.0186	5.75	11.88	2.38	2.380	88.12				
17	0.0156	6.00	15.04	3.16	3.160	84.96				
18	0.0131	6.25	87.37	72.33	72.330	12.63	mode at 6.13			
19	0.0110	6.50	89.84	2.47	2.470	10.16				
20	0.0093	6.75	92.35	2.51	2.510	7.65				
21	0.0078	7.00	97.82	5.47	5.470	2.18	mode at 6.88			
22	0.0066	7.25	99.83	2.01	2.010	0.17				
23	0.0055	7.50	100.00	0.17	0.170	0.00				
24	0.0046	7.75	100.00	0.00	0.000	0.00				
25	0.0039	8.00	100.00	0.00	0.000	0.00				
26	0.0033	8.25	100.00	0.00	0.000	0.00				
27	0.0028	8.50	100.00	0.00	0.000	0.00				
28	0.0023	8.75	100.00	0.00	0.000	0.00				
29	0.0020	9.00	100.00	0.00	0.000	0.00				

Percentiles		
	phi	mm
95	4.72	0.038
84	6.00	0.016
75	6.03	0.015
50	6.12	0.014
25	6.21	0.014
16	6.24	0.013
5	6.87	0.009

Stats from Moments		
	phi	mm
Mean	6.30	0.013
SD	0.62	
Skewness	-2.82	
Kurtosis	11.99	

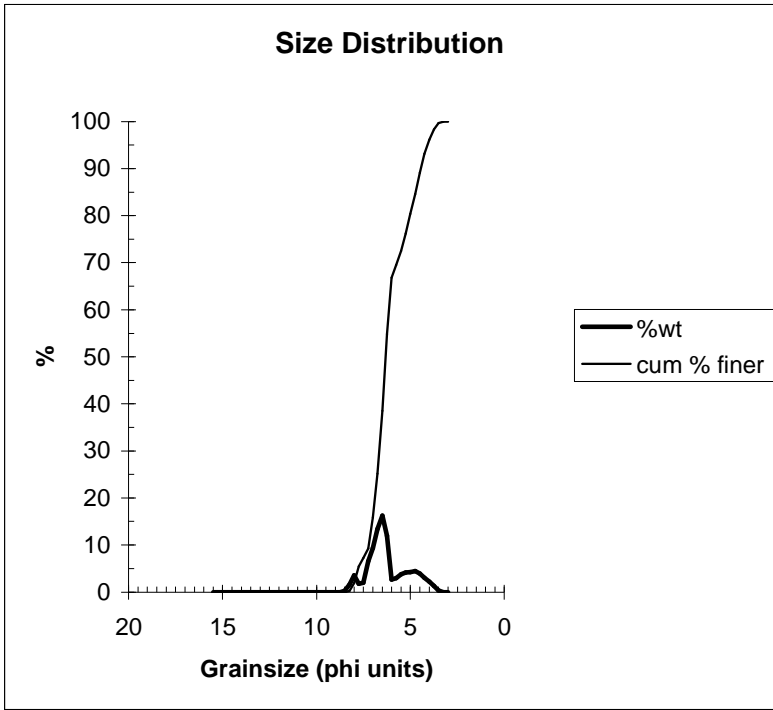
Folks' Graphic Stats		
	phi	mm
Mean (Mz)	6.12	0.014
Sorting (SI)	0.38	
Skewness (SkI)	-0.15	
Kurtosis (KG)	5.09	

30	0.0016	9.25	100.00	0.00	0.000	0.00
31	0.0014	9.50	100.00	0.00	0.000	0.00
32	0.0012	9.75	100.00	0.00	0.000	0.00
33	0.0010	10.00	100.00	0.00	0.000	0.00
34	0.0008	10.25	100.00	0.00	0.000	0.00
35	0.0007	10.50	100.00	0.00	0.000	0.00
36	0.0006	10.75	100.00	0.00	0.000	0.00
37	0.0005	11.00	100.00	0.00	0.000	0.00
38	0.0004	11.25	100.00	0.00	0.000	0.00
39	0.0003	11.50	100.00	0.00	0.000	0.00
40	0.0003	11.75	100.00	0.00	0.000	0.00
41	0.0002	12.00	100.00	0.00	0.000	0.00
42	0.0002	12.25	100.00	0.00	0.000	0.00
43	0.0002	12.50	100.00	0.00	0.000	0.00
44	0.0001	12.75	100.00	0.00	0.000	0.00
45	0.0001	13.00	100.00	0.00	0.000	0.00
46	0.0001	13.25	100.00	0.00	0.000	0.00
47	0.0001	13.50	100.00	0.00	0.000	0.00
48	0.0001	13.75	100.00	0.00	0.000	0.00
49	0.0001	14.00	100.00	0.00	0.000	0.00
50	0.0001	14.25	100.00	0.00	0.000	0.00
51	0.0000	14.50	100.00	0.00	0.000	0.00
<i>Sums:</i>			100	100	97.820	



Sample 141 discrete seam Aglime								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample:		
1	0.1250	3.00	0.00	0.00	0.000	100.00		141		
2	0.1051	3.25	0.00	0.00	0.000	100.00		Percentiles		
3	0.0884	3.50	0.34	0.34	0.340	99.66			<i>phi</i>	<i>mm</i>
4	0.0743	3.75	1.66	1.32	1.320	98.34		95	4.10	0.059
5	0.0625	4.00	3.84	2.18	2.180	96.16		84	4.79	0.036
6	0.0526	4.25	6.89	3.05	3.050	93.11		75	5.33	0.025
7	0.0442	4.50	10.88	3.99	3.990	89.12		50	6.32	0.012
8	0.0372	4.75	15.37	4.49	4.490	84.63	mode at 4.63	25	6.76	0.009
9	0.0313	5.00	19.62	4.25	4.250	80.38		16	7.00	0.008
10	0.0263	5.25	23.78	4.16	4.160	76.22		5	7.78	0.005
11	0.0221	5.50	27.54	3.76	3.760	72.46		Stats from Moments		
12	0.0186	5.75	30.51	2.97	2.970	69.49			<i>phi</i>	<i>mm</i>
13	0.0156	6.00	33.21	2.70	2.700	66.79		Mean	6.33	0.012
14	0.0131	6.25	45.16	11.95	11.950	54.84		SD	1.08	
15	0.0110	6.50	61.44	16.28	16.280	38.56	mode at 6.38	Skewness	-0.81	
16	0.0093	6.75	74.81	13.37	13.370	25.19		Kurtosis	2.81	
17	0.0078	7.00	84.16	9.35	9.350	15.84		Folks' Graphic Stats		
18	0.0066	7.25	90.75	6.59	6.590	9.25			<i>phi</i>	<i>mm</i>
19	0.0055	7.50	92.73	1.98	1.980	7.27		Mean (Mz)	6.04	0.015
20	0.0046	7.75	94.53	1.80	1.800	5.47		Sorting (SI)	1.11	
21	0.0039	8.00	98.08	3.55	3.550	1.92	mode at 7.88	Skewness (SkI)	-0.30	
22	0.0033	8.25	99.73	1.65	1.650	0.27		Kurtosis (KG)	1.06	
23	0.0028	8.50	99.99	0.26	0.260	0.01				
24	0.0023	8.75	100.00	0.01	0.010	0.00				
25	0.0020	9.00	100.00	0.00	0.000	0.00				
26	0.0016	9.25	100.00	0.00	0.000	0.00				
27	0.0014	9.50	100.00	0.00	0.000	0.00				
28	0.0012	9.75	100.00	0.00	0.000	0.00				
29	0.0010	10.00	100.00	0.00	0.000	0.00				

30	0.0008	10.25	100.00	0.00	0.000	0.00
31	0.0007	10.50	100.00	0.00	0.000	0.00
32	0.0006	10.75	100.00	0.00	0.000	0.00
33	0.0005	11.00	100.00	0.00	0.000	0.00
34	0.0004	11.25	100.00	0.00	0.000	0.00
35	0.0003	11.50	100.00	0.00	0.000	0.00
36	0.0003	11.75	100.00	0.00	0.000	0.00
37	0.0002	12.00	100.00	0.00	0.000	0.00
38	0.0002	12.25	100.00	0.00	0.000	0.00
39	0.0002	12.50	100.00	0.00	0.000	0.00
40	0.0001	12.75	100.00	0.00	0.000	0.00
41	0.0001	13.00	100.00	0.00	0.000	0.00
42	0.0001	13.25	100.00	0.00	0.000	0.00
43	0.0001	13.50	100.00	0.00	0.000	0.00
44	0.0001	13.75	100.00	0.00	0.000	0.00
45	0.0001	14.00	100.00	0.00	0.000	0.00
46	0.0001	14.25	100.00	0.00	0.000	0.00
47	0.0000	14.50	100.00	0.00	0.000	0.00
48	0.0000	14.75	100.00	0.00	0.000	0.00
49	0.0000	15.00	100.00	0.00	0.000	0.00
50	0.0000	15.25	100.00	0.00	0.000	0.00
51	0.0000	15.50	100.00	0.00	0.000	0.00
<i>Sums:</i>			100	100	98.080	



Sample 138 discrete seam Upper Steel

	mm	phi	wt (g)	wt (g)	wt%	cum % finer	Modes
			Cum				
1	0.0625	4.00	0.00	0.00	0.000	100.00	
2	0.0442	4.50	0.00	0.00	0.000	100.00	
3	0.0372	4.75	0.99	0.99	0.990	99.01	
4	0.0313	5.00	2.12	1.13	1.130	97.88	
5	0.0263	5.25	3.80	1.68	1.680	96.20	
6	0.0221	5.50	6.21	2.41	2.410	93.79	
7	0.0186	5.75	9.22	3.01	3.010	90.78	
8	0.0156	6.00	13.26	4.04	4.040	86.74	
9	0.0131	6.25	37.07	23.81	23.808	62.93	
10	0.0110	6.50	61.05	23.98	23.978	38.96	mode at 6.38
11	0.0093	6.75	77.82	16.77	16.768	22.19	
12	0.0078	7.00	88.88	11.06	11.059	11.13	
13	0.0066	7.25	96.36	7.48	7.479	3.65	
14	0.0055	7.50	98.71	2.35	2.350	1.30	
15	0.0046	7.75	100.01	1.30	1.300	0.00	
16	0.0039	8.00	100.01	0.00	0.000	0.00	
17	0.0033	8.25	100.01	0.00	0.000	0.00	
18	0.0028	8.50	100.01	0.00	0.000	0.00	
19	0.0023	8.75	100.01	0.00	0.000	0.00	
20	0.0020	9.00	100.01	0.00	0.000	0.00	
21	0.0016	9.25	100.01	0.00	0.000	0.00	
22	0.0014	9.50	100.01	0.00	0.000	0.00	
23	0.0012	9.75	100.01	0.00	0.000	0.00	
24	0.0010	10.00	100.01	0.00	0.000	0.00	
25	0.0008	10.25	100.01	0.00	0.000	0.00	
26	0.0007	10.50	100.01	0.00	0.000	0.00	
27	0.0006	10.75	100.01	0.00	0.000	0.00	
28	0.0005	11.00	100.01	0.00	0.000	0.00	
29	0.0004	11.25	100.01	0.00	0.000	0.00	

Grainsize Statistics

Sample: 138

Percentiles

	phi	mm
95	5.37	0.024
84	6.03	0.015
75	6.12	0.014
50	6.38	0.012
25	6.71	0.010
16	6.89	0.008
5	7.20	0.007

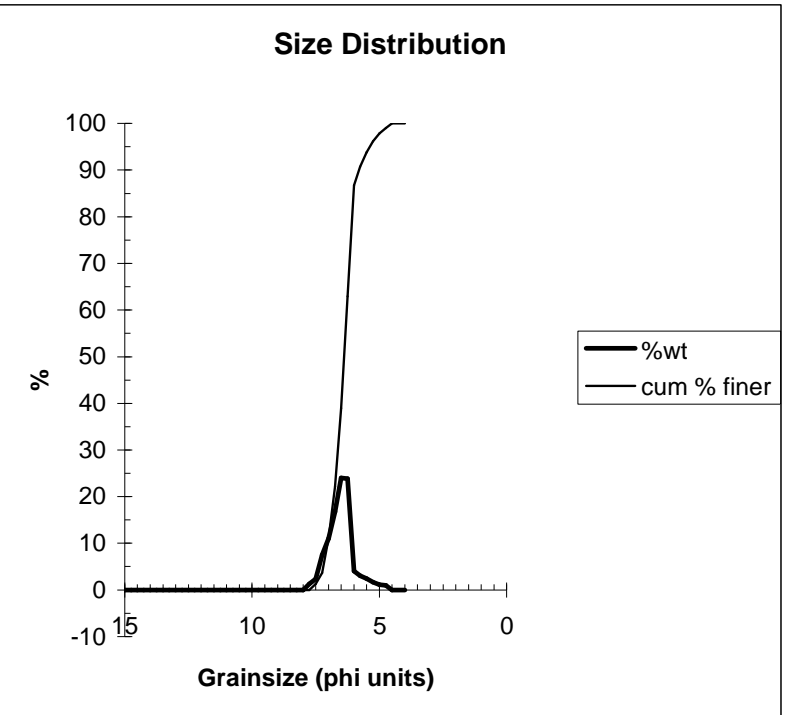
Stats from Moments

	phi	mm
Mean	6.51	0.011
SD	0.52	
Skewness	-0.58	
Kurtosis	4.30	

Folks' Graphic Stats

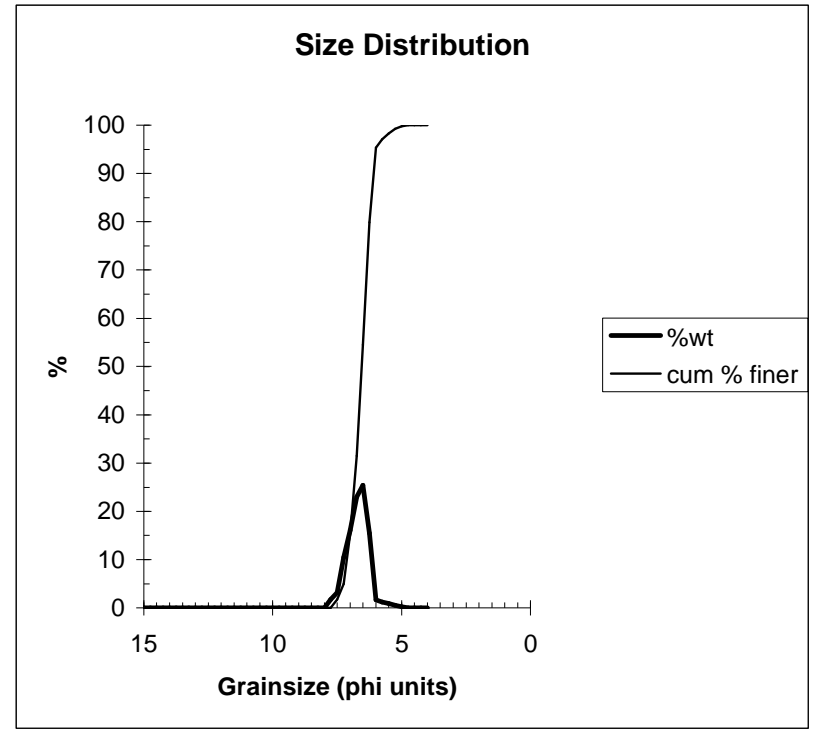
	phi	mm
Mean (Mz)	6.43	0.012
Sorting (SI)	0.49	
Skewness (SkI)	0.03	
Kurtosis (KG)	1.28	

30	0.0003	11.50	100.01	0.00	0.000	0.00
31	0.0003	11.75	100.01	0.00	0.000	0.00
32	0.0002	12.00	100.01	0.00	0.000	0.00
33	0.0002	12.25	100.01	0.00	0.000	0.00
34	0.0002	12.50	100.01	0.00	0.000	0.00
35	0.0001	12.75	100.01	0.00	0.000	0.00
36	0.0001	13.00	100.01	0.00	0.000	0.00
37	0.0001	13.25	100.01	0.00	0.000	0.00
38	0.0001	13.50	100.01	0.00	0.000	0.00
39	0.0001	13.75	100.01	0.00	0.000	0.00
40	0.0001	14.00	100.01	0.00	0.000	0.00
41	0.0001	14.25	100.01	0.00	0.000	0.00
42	0.0000	14.50	100.01	0.00	0.000	0.00
43	0.0000	14.75	100.01	0.00	0.000	0.00
44	0.0000	15.00	100.01	0.00	0.000	0.00
45	0.0000	15.25	100.01	0.00	0.000	0.00
46	0.0000	15.50	100.01	0.00	0.000	0.00
47	0.0000	15.75	100.01	0.00	0.000	0.00
48	0.0000	16.00	100.01	0.00	0.000	0.00
49	0.0000	16.25	100.01	0.00	0.000	0.00
50	0.0000	16.50	100.01	0.00	0.000	0.00
51	0.0000	16.75	100.01	0.00	0.000	0.00
Sums:			100.01	100.01	100.000	



Sample 108 discrete seam High Grade								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample:		
1	0.0625	4.00	0.00	0.00	0.000	100.00		108		
2	0.0526	4.25	0.00	0.00	0.000	100.00		Percentiles		
3	0.0442	4.50	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
4	0.0372	4.75	0.00	0.00	0.000	100.00		95	6.01	0.016
5	0.0313	5.00	0.22	0.22	0.220	99.78		84	6.18	0.014
6	0.0263	5.25	0.78	0.56	0.560	99.22		75	6.30	0.013
7	0.0221	5.50	1.72	0.94	0.940	98.28		50	6.55	0.011
8	0.0186	5.75	2.93	1.21	1.210	97.07		25	6.85	0.009
9	0.0156	6.00	4.64	1.71	1.710	95.36		16	6.99	0.008
10	0.0131	6.25	20.11	15.47	15.468	79.89		5	7.25	0.007
11	0.0110	6.50	45.50	25.39	25.387	54.50	mode at 6.38			
12	0.0093	6.75	68.49	22.99	22.988	31.52				
13	0.0078	7.00	84.60	16.11	16.108	15.41		Stats from Moments		
14	0.0066	7.25	95.08	10.48	10.479	4.93			<i>phi</i>	<i>mm</i>
15	0.0055	7.50	98.26	3.18	3.180	1.75		Mean	6.69	0.010
16	0.0046	7.75	100.01	1.75	1.750	0.00		SD	0.42	
17	0.0039	8.00	100.01	0.00	0.000	0.00		Skewness	-0.20	
18	0.0033	8.25	100.01	0.00	0.000	0.00		Kurtosis	4.01	
19	0.0028	8.50	100.01	0.00	0.000	0.00				
20	0.0023	8.75	100.01	0.00	0.000	0.00		Folks' Graphic Stats		
21	0.0020	9.00	100.01	0.00	0.000	0.00			<i>phi</i>	<i>mm</i>
22	0.0016	9.25	100.01	0.00	0.000	0.00		Mean (Mz)	6.57	0.010
23	0.0014	9.50	100.01	0.00	0.000	0.00		Sorting (SI)	0.39	
24	0.0012	9.75	100.01	0.00	0.000	0.00		Skewness (SkI)	0.11	
25	0.0010	10.00	100.01	0.00	0.000	0.00		Kurtosis (KG)	0.92	
26	0.0008	10.25	100.01	0.00	0.000	0.00				
27	0.0007	10.50	100.01	0.00	0.000	0.00				
28	0.0006	10.75	100.01	0.00	0.000	0.00				
29	0.0005	11.00	100.01	0.00	0.000	0.00				

30	0.0004	11.25	100.01	0.00	0.000	0.00
31	0.0003	11.50	100.01	0.00	0.000	0.00
32	0.0003	11.75	100.01	0.00	0.000	0.00
33	0.0002	12.00	100.01	0.00	0.000	0.00
34	0.0002	12.25	100.01	0.00	0.000	0.00
35	0.0002	12.50	100.01	0.00	0.000	0.00
36	0.0001	12.75	100.01	0.00	0.000	0.00
37	0.0001	13.00	100.01	0.00	0.000	0.00
38	0.0001	13.25	100.01	0.00	0.000	0.00
39	0.0001	13.50	100.01	0.00	0.000	0.00
40	0.0001	13.75	100.01	0.00	0.000	0.00
41	0.0001	14.00	100.01	0.00	0.000	0.00
42	0.0001	14.25	100.01	0.00	0.000	0.00
43	0.0000	14.50	100.01	0.00	0.000	0.00
44	0.0000	14.75	100.01	0.00	0.000	0.00
45	0.0000	15.00	100.01	0.00	0.000	0.00
46	0.0000	15.25	100.01	0.00	0.000	0.00
47	0.0000	15.50	100.01	0.00	0.000	0.00
48	0.0000	15.75	100.01	0.00	0.000	0.00
49	0.0000	16.00	100.01	0.00	0.000	0.00
50	0.0000	16.25	100.01	0.00	0.000	0.00
51	0.0000	16.50	100.01	0.00	0.000	0.00
<i>Sums:</i>			100.01	100.01	100.000	



Sample 118 discrete seam Aglime

	mm	phi	wt (g)	wt (g)	wt%	cum % finer	Modes
			Cum				
1	0.1250	3.00	0.00	0.00	0.000	100.00	
2	0.1051	3.25	0.00	0.00	0.000	100.00	
3	0.0884	3.50	0.00	0.00	0.000	100.00	
4	0.0743	3.75	0.00	0.00	0.000	100.00	
5	0.0625	4.00	1.04	1.04	1.040	98.96	
6	0.0526	4.25	2.95	1.91	1.910	97.05	
7	0.0442	4.50	5.86	2.91	2.910	94.14	
8	0.0372	4.75	9.39	3.53	3.530	90.61	mode at 4.63
9	0.0313	5.00	12.91	3.52	3.520	87.09	
10	0.0263	5.25	16.61	3.70	3.700	83.39	
11	0.0221	5.50	20.34	3.73	3.730	79.66	mode at 5.38
12	0.0186	5.75	23.66	3.32	3.320	76.34	
13	0.0156	6.00	27.37	3.71	3.710	72.63	
14	0.0131	6.25	46.03	18.66	18.660	53.97	
15	0.0110	6.50	65.88	19.85	19.850	34.12	mode at 6.38
16	0.0093	6.75	79.83	13.95	13.950	20.17	
17	0.0078	7.00	89.47	9.64	9.640	10.53	
18	0.0066	7.25	96.50	7.03	7.030	3.50	
19	0.0055	7.50	98.76	2.26	2.260	1.24	
20	0.0046	7.75	100.00	1.24	1.240	0.00	
21	0.0039	8.00	100.00	0.00	0.000	0.00	
22	0.0033	8.25	100.00	0.00	0.000	0.00	
23	0.0028	8.50	100.00	0.00	0.000	0.00	
24	0.0023	8.75	100.00	0.00	0.000	0.00	
25	0.0020	9.00	100.00	0.00	0.000	0.00	
26	0.0016	9.25	100.00	0.00	0.000	0.00	
27	0.0014	9.50	100.00	0.00	0.000	0.00	
28	0.0012	9.75	100.00	0.00	0.000	0.00	
29	0.0010	10.00	100.00	0.00	0.000	0.00	

Grainsize Statistics

Sample: 118

Percentiles

	phi	mm
95	4.43	0.047
84	5.21	0.027
75	5.84	0.017
50	6.30	0.013
25	6.66	0.010
16	6.86	0.009
5	7.20	0.007

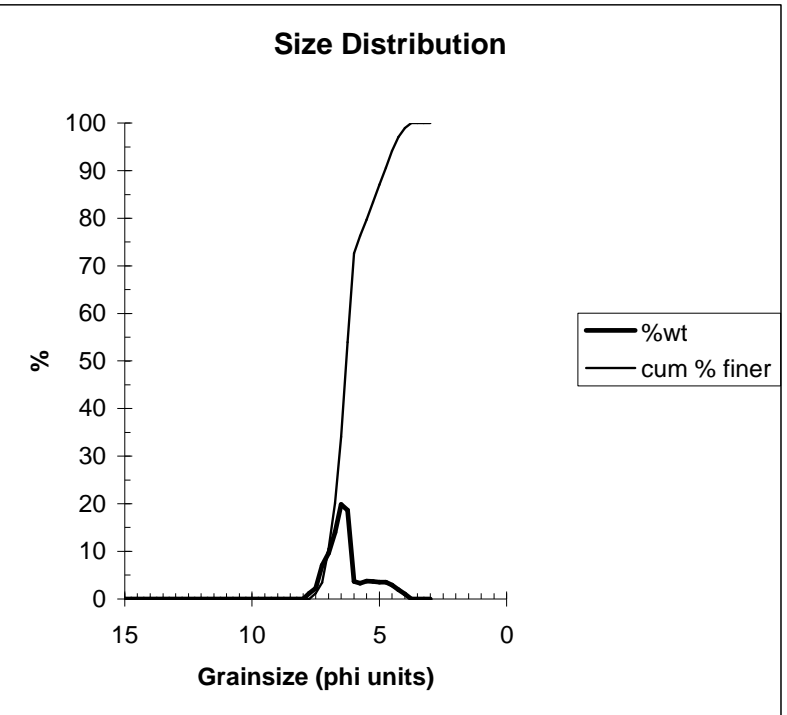
Stats from Moments

	phi	mm
Mean	6.26	0.013
SD	0.81	
Skewness	-0.89	
Kurtosis	3.26	

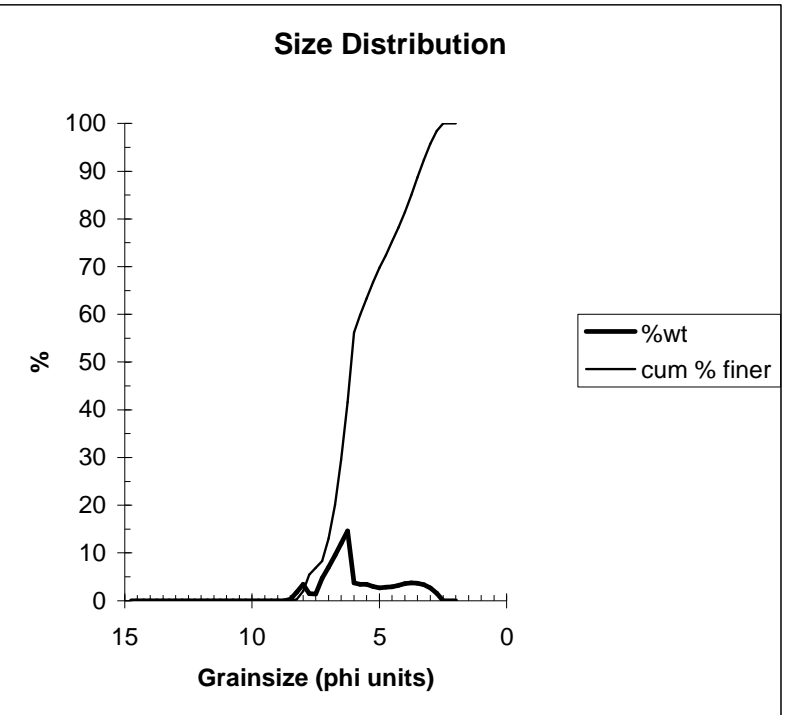
Folks' Graphic Stats

	phi	mm
Mean (Mz)	6.12	0.014
Sorting (Sl)	0.83	
Skewness (Sk)	-0.34	
Kurtosis (KG)	1.38	

30	0.0008	10.25	100.00	0.00	0.000	0.00
31	0.0007	10.50	100.00	0.00	0.000	0.00
32	0.0006	10.75	100.00	0.00	0.000	0.00
33	0.0005	11.00	100.00	0.00	0.000	0.00
34	0.0004	11.25	100.00	0.00	0.000	0.00
35	0.0003	11.50	100.00	0.00	0.000	0.00
36	0.0003	11.75	100.00	0.00	0.000	0.00
37	0.0002	12.00	100.00	0.00	0.000	0.00
38	0.0002	12.25	100.00	0.00	0.000	0.00
39	0.0002	12.50	100.00	0.00	0.000	0.00
40	0.0001	12.75	100.00	0.00	0.000	0.00
41	0.0001	13.00	100.00	0.00	0.000	0.00
42	0.0001	13.25	100.00	0.00	0.000	0.00
43	0.0001	13.50	100.00	0.00	0.000	0.00
44	0.0001	13.75	100.00	0.00	0.000	0.00
45	0.0001	14.00	100.00	0.00	0.000	0.00
46	0.0001	14.25	100.00	0.00	0.000	0.00
47	0.0000	14.50	100.00	0.00	0.000	0.00
48	0.0000	14.75	100.00	0.00	0.000	0.00
49	0.0000	15.00	100.00	0.00	0.000	0.00
50	0.0000	15.25	100.00	0.00	0.000	0.00
51	0.0000	15.50	100.00	0.00	0.000	0.00
<i>Sums:</i>			100	100	100.000	



30	0.0014	9.50	100.01	0.00	0.000	0.00
31	0.0012	9.75	100.01	0.00	0.000	0.00
32	0.0010	10.00	100.01	0.00	0.000	0.00
33	0.0008	10.25	100.01	0.00	0.000	0.00
34	0.0007	10.50	100.01	0.00	0.000	0.00
35	0.0006	10.75	100.01	0.00	0.000	0.00
36	0.0005	11.00	100.01	0.00	0.000	0.00
37	0.0004	11.25	100.01	0.00	0.000	0.00
38	0.0003	11.50	100.01	0.00	0.000	0.00
39	0.0003	11.75	100.01	0.00	0.000	0.00
40	0.0002	12.00	100.01	0.00	0.000	0.00
41	0.0002	12.25	100.01	0.00	0.000	0.00
42	0.0002	12.50	100.01	0.00	0.000	0.00
43	0.0001	12.75	100.01	0.00	0.000	0.00
44	0.0001	13.00	100.01	0.00	0.000	0.00
45	0.0001	13.25	100.01	0.00	0.000	0.00
46	0.0001	13.50	100.01	0.00	0.000	0.00
47	0.0001	13.75	100.01	0.00	0.000	0.00
48	0.0001	14.00	100.01	0.00	0.000	0.00
49	0.0001	14.25	100.01	0.00	0.000	0.00
50	0.0000	14.50	100.01	0.00	0.000	0.00
51	0.0000	14.75	100.01	0.00	0.000	0.00
Sums:			100.01	100.01	91.671	



Sample 152 discrete seam Aglime

	mm	phi	wt (g)	Cum wt (g)	wt%	cum % finer	Modes
1	0.1768	2.50	0.00	0.00	0.000	100.00	
2	0.1487	2.75	0.00	0.00	0.000	100.00	
3	0.1250	3.00	1.25	1.25	1.250	98.75	
4	0.1051	3.25	2.77	1.52	1.520	97.23	
5	0.0884	3.50	4.77	2.00	2.000	95.23	
6	0.0743	3.75	7.05	2.28	2.280	92.95	
7	0.0625	4.00	9.45	2.40	2.400	90.55	mode at 3.88
8	0.0526	4.25	11.79	2.34	2.340	88.21	
9	0.0442	4.50	14.13	2.34	2.340	85.87	
10	0.0372	4.75	16.49	2.36	2.360	83.51	
11	0.0313	5.00	18.85	2.36	2.360	81.15	
12	0.0263	5.25	21.66	2.81	2.810	78.34	
13	0.0221	5.50	25.06	3.40	3.400	74.94	
14	0.0186	5.75	28.55	3.49	3.490	71.45	
15	0.0156	6.00	32.40	3.85	3.850	67.60	
16	0.0131	6.25	48.34	15.94	15.938	51.66	mode at 6.13
17	0.0110	6.50	62.65	14.31	14.309	37.36	
18	0.0093	6.75	74.89	12.24	12.239	25.12	
19	0.0078	7.00	84.86	9.97	9.969	15.15	
20	0.0066	7.25	91.88	7.02	7.019	8.13	
21	0.0055	7.50	93.81	1.93	1.930	6.20	
22	0.0046	7.75	95.44	1.63	1.630	4.57	
23	0.0039	8.00	98.54	3.10	3.100	1.47	mode at 7.88
24	0.0033	8.25	99.83	1.29	1.290	0.18	
25	0.0028	8.50	99.99	0.16	0.160	0.02	
26	0.0023	8.75	100.01	0.02	0.020	0.00	
27	0.0020	9.00	100.01	0.00	0.000	0.00	
28	0.0016	9.25	100.01	0.00	0.000	0.00	
29	0.0014	9.50	100.01	0.00	0.000	0.00	

Grainsize Statistics

Sample: 152

Percentiles

	phi	mm
95	3.53	0.087
84	4.70	0.039
75	5.50	0.022
50	6.28	0.013
25	6.75	0.009
16	6.98	0.008
5	7.68	0.005

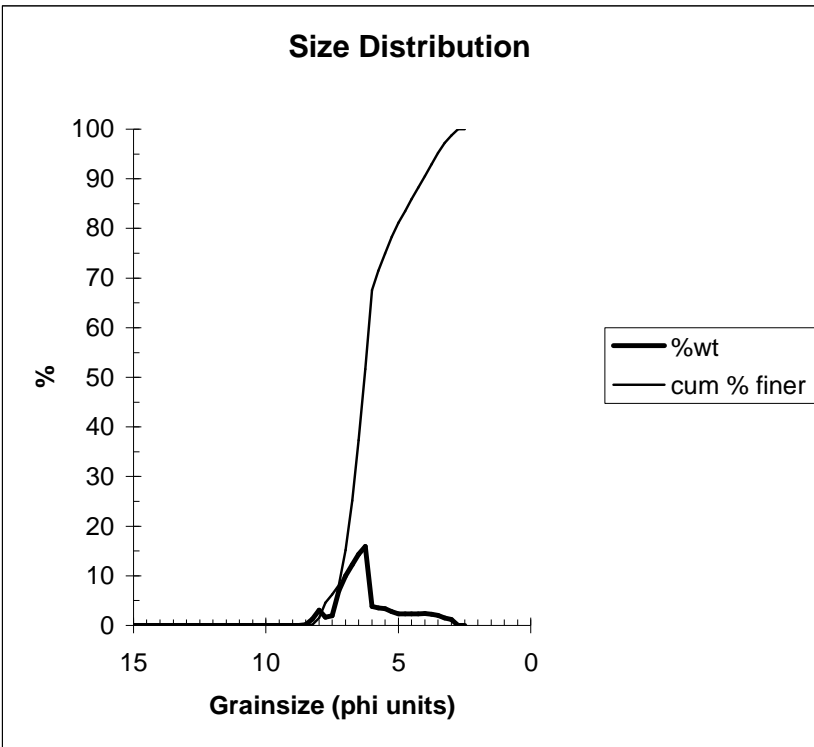
Stats from Moments

	phi	mm
Mean	6.54	0.011
SD	1.28	
Skewness	-1.59	
Kurtosis	3.89	

Folks' Graphic Stats

	phi	mm
Mean (Mz)	5.99	0.016
Sorting (Sl)	1.20	
Skewness (SkI)	-0.36	
Kurtosis (KG)	1.36	

30	0.0012	9.75	100.01	0.00	0.000	0.00
31	0.0010	10.00	100.01	0.00	0.000	0.00
32	0.0008	10.25	100.01	0.00	0.000	0.00
33	0.0007	10.50	100.01	0.00	0.000	0.00
34	0.0006	10.75	100.01	0.00	0.000	0.00
35	0.0005	11.00	100.01	0.00	0.000	0.00
36	0.0004	11.25	100.01	0.00	0.000	0.00
37	0.0003	11.50	100.01	0.00	0.000	0.00
38	0.0003	11.75	100.01	0.00	0.000	0.00
39	0.0002	12.00	100.01	0.00	0.000	0.00
40	0.0002	12.25	100.01	0.00	0.000	0.00
41	0.0002	12.50	100.01	0.00	0.000	0.00
42	0.0001	12.75	100.01	0.00	0.000	0.00
43	0.0001	13.00	100.01	0.00	0.000	0.00
44	0.0001	13.25	100.01	0.00	0.000	0.00
45	0.0001	13.50	100.01	0.00	0.000	0.00
46	0.0001	13.75	100.01	0.00	0.000	0.00
47	0.0001	14.00	100.01	0.00	0.000	0.00
48	0.0001	14.25	100.01	0.00	0.000	0.00
49	0.0000	14.50	100.01	0.00	0.000	0.00
50	0.0000	14.75	100.01	0.00	0.000	0.00
51	0.0000	15.00	100.01	0.00	0.000	0.00
<i>Sums:</i>			100.01	100.01	93.801	



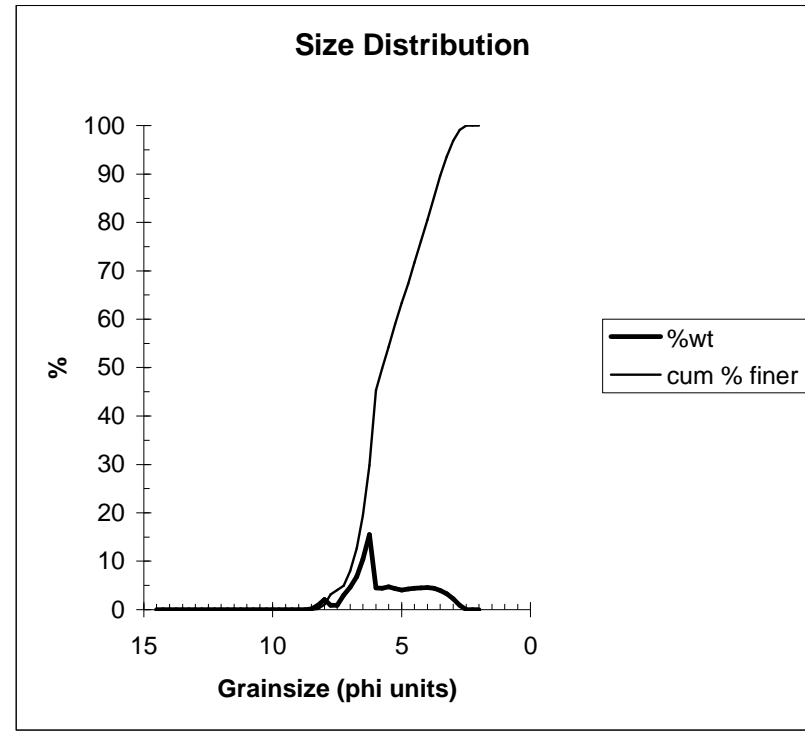
Sample 172 discrete seam High Grade								Grainsize Statistics		
	mm	phi	wt (g)	Cum wt (g)	wt%	cum % finer	Modes	Sample:	172	
1	0.2500	2.00	0.00	0.00	0.000	100.00				
2	0.2102	2.25	0.00	0.00	0.000	100.00				
3	0.1768	2.50	0.00	0.00	0.000	100.00				
4	0.1487	2.75	0.90	0.90	0.900	99.10				
5	0.1250	3.00	3.13	2.23	2.230	96.87				
6	0.1051	3.25	6.42	3.29	3.289	93.58				
7	0.0884	3.50	10.40	3.98	3.979	89.60				
8	0.0743	3.75	14.82	4.42	4.419	85.18				
9	0.0625	4.00	19.43	4.61	4.609	80.57	mode at 3.88			
10	0.0526	4.25	23.92	4.49	4.489	76.08				
11	0.0442	4.50	28.32	4.40	4.399	71.69				
12	0.0372	4.75	32.63	4.31	4.309	67.38				
13	0.0313	5.00	36.65	4.02	4.019	63.36				
14	0.0263	5.25	41.00	4.35	4.349	59.01				
15	0.0221	5.50	45.74	4.74	4.739	54.27	mode at 5.38			
16	0.0186	5.75	50.19	4.45	4.449	49.82				
17	0.0156	6.00	54.70	4.51	4.509	45.31				
18	0.0131	6.25	70.18	15.48	15.477	29.83	mode at 6.13			
19	0.0110	6.50	80.55	10.37	10.368	19.47				
20	0.0093	6.75	87.36	6.81	6.809	12.66				
21	0.0078	7.00	92.03	4.67	4.669	7.99				
22	0.0066	7.25	95.07	3.04	3.039	4.95				
23	0.0055	7.50	95.97	0.90	0.900	4.05				
24	0.0046	7.75	96.89	0.92	0.920	3.13	mode at 7.63			
25	0.0039	8.00	98.98	2.09	2.090	1.04	mode at 7.88			
26	0.0033	8.25	99.91	0.93	0.930	0.11				
27	0.0028	8.50	100.02	0.11	0.110	0.00				
28	0.0023	8.75	100.02	0.00	0.000	0.00				
29	0.0020	9.00	100.02	0.00	0.000	0.00				

Percentiles		
	phi	mm
95	3.14	0.113
84	3.81	0.071
75	4.31	0.050
50	5.74	0.019
25	6.37	0.012
16	6.63	0.010
5	7.25	0.007

Stats from Moments		
	phi	mm
Mean	6.02	0.015
SD	1.46	
Skewness	-1.13	
Kurtosis	2.42	

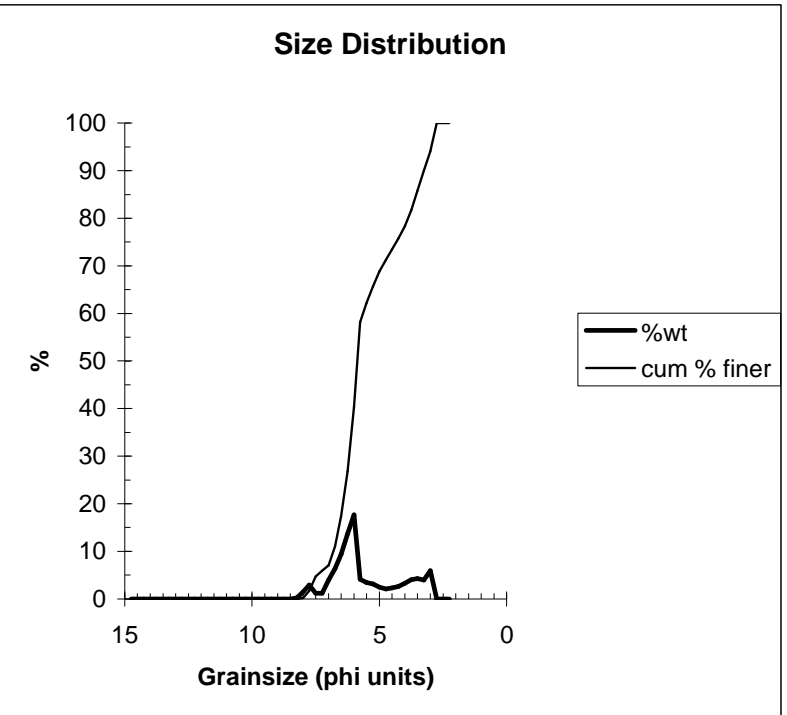
Folks' Graphic Stats		
	phi	mm
Mean (Mz)	5.39	0.024
Sorting (Sl)	1.33	
Skewness (SkI)	-0.32	
Kurtosis (KG)	0.82	

30	0.0016	9.25	100.02	0.00	0.000	0.00
31	0.0014	9.50	100.02	0.00	0.000	0.00
32	0.0012	9.75	100.02	0.00	0.000	0.00
33	0.0010	10.00	100.02	0.00	0.000	0.00
34	0.0008	10.25	100.02	0.00	0.000	0.00
35	0.0007	10.50	100.02	0.00	0.000	0.00
36	0.0006	10.75	100.02	0.00	0.000	0.00
37	0.0005	11.00	100.02	0.00	0.000	0.00
38	0.0004	11.25	100.02	0.00	0.000	0.00
39	0.0003	11.50	100.02	0.00	0.000	0.00
40	0.0003	11.75	100.02	0.00	0.000	0.00
41	0.0002	12.00	100.02	0.00	0.000	0.00
42	0.0002	12.25	100.02	0.00	0.000	0.00
43	0.0002	12.50	100.02	0.00	0.000	0.00
44	0.0001	12.75	100.02	0.00	0.000	0.00
45	0.0001	13.00	100.02	0.00	0.000	0.00
46	0.0001	13.25	100.02	0.00	0.000	0.00
47	0.0001	13.50	100.02	0.00	0.000	0.00
48	0.0001	13.75	100.02	0.00	0.000	0.00
49	0.0001	14.00	100.02	0.00	0.000	0.00
50	0.0001	14.25	100.02	0.00	0.000	0.00
51	0.0000	14.50	100.02	0.00	0.000	0.00
<i>Sums:</i>			100.02	100.02	92.012	



Sample 162 discrete seam Upper Steel								Grainsize Statistics		
	mm	phi	wt (g)	wt (g)	wt%	cum % finer	Modes	Sample:		
			Cum					162		
1	0.2102	2.25	0.00	0.00	0.000	100.00		Percentiles		
2	0.1768	2.50	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
3	0.1487	2.75	0.00	0.00	0.000	100.00		95	2.96	0.129
4	0.1250	3.00	5.97	5.97	5.970	94.03	mode at 2.88	84	3.61	0.082
5	0.1051	3.25	9.97	4.00	4.000	90.03		75	4.33	0.050
6	0.0884	3.50	14.25	4.28	4.280	85.75	mode at 3.38	50	5.87	0.017
7	0.0743	3.75	18.30	4.05	4.050	81.70		25	6.30	0.013
8	0.0625	4.00	21.63	3.33	3.330	78.37		16	6.56	0.011
9	0.0526	4.25	24.22	2.59	2.590	75.78		5	7.44	0.006
10	0.0442	4.50	26.56	2.34	2.340	73.44		Stats from Moments		
11	0.0372	4.75	28.69	2.13	2.130	71.31			<i>phi</i>	<i>mm</i>
12	0.0313	5.00	31.16	2.47	2.470	68.84		Mean	5.90	0.017
13	0.0263	5.25	34.28	3.12	3.120	65.72		SD	1.42	
14	0.0221	5.50	37.75	3.47	3.470	62.25		Skewness	-1.15	
15	0.0186	5.75	41.85	4.10	4.100	58.15		Kurtosis	2.66	
16	0.0156	6.00	59.55	17.70	17.700	40.45	mode at 5.88	Folks' Graphic Stats		
17	0.0131	6.25	73.19	13.64	13.640	26.81			<i>phi</i>	<i>mm</i>
18	0.0110	6.50	82.57	9.38	9.380	17.43		Mean (Mz)	5.34	0.025
19	0.0093	6.75	88.95	6.38	6.380	11.05		Sorting (SI)	1.42	
20	0.0078	7.00	92.90	3.95	3.950	7.10		Skewness (Sk)	-0.41	
21	0.0066	7.25	94.06	1.16	1.160	5.94		Kurtosis (KG)	0.94	
22	0.0055	7.50	95.27	1.21	1.210	4.73				
23	0.0046	7.75	98.23	2.96	2.960	1.77	mode at 7.63			
24	0.0039	8.00	99.75	1.52	1.520	0.25				
25	0.0033	8.25	99.99	0.24	0.240	0.01				
26	0.0028	8.50	100.00	0.01	0.010	0.00				
27	0.0023	8.75	100.00	0.00	0.000	0.00				
28	0.0020	9.00	100.00	0.00	0.000	0.00				
29	0.0016	9.25	100.00	0.00	0.000	0.00				

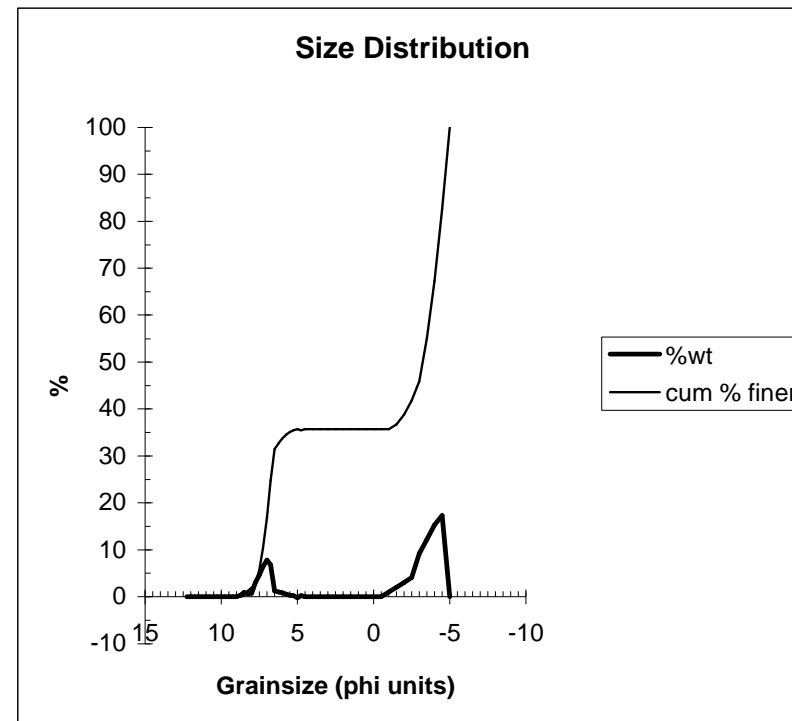
30	0.0014	9.50	100.00	0.00	0.000	0.00
31	0.0012	9.75	100.00	0.00	0.000	0.00
32	0.0010	10.00	100.00	0.00	0.000	0.00
33	0.0008	10.25	100.00	0.00	0.000	0.00
34	0.0007	10.50	100.00	0.00	0.000	0.00
35	0.0006	10.75	100.00	0.00	0.000	0.00
36	0.0005	11.00	100.00	0.00	0.000	0.00
37	0.0004	11.25	100.00	0.00	0.000	0.00
38	0.0003	11.50	100.00	0.00	0.000	0.00
39	0.0003	11.75	100.00	0.00	0.000	0.00
40	0.0002	12.00	100.00	0.00	0.000	0.00
41	0.0002	12.25	100.00	0.00	0.000	0.00
42	0.0002	12.50	100.00	0.00	0.000	0.00
43	0.0001	12.75	100.00	0.00	0.000	0.00
44	0.0001	13.00	100.00	0.00	0.000	0.00
45	0.0001	13.25	100.00	0.00	0.000	0.00
46	0.0001	13.50	100.00	0.00	0.000	0.00
47	0.0001	13.75	100.00	0.00	0.000	0.00
48	0.0001	14.00	100.00	0.00	0.000	0.00
49	0.0001	14.25	100.00	0.00	0.000	0.00
50	0.0000	14.50	100.00	0.00	0.000	0.00
51	0.0000	14.75	100.00	0.00	0.000	0.00
Sums:			100	100	94.060	



JOINT INFILLS

Sample 164 joint infills Aglime							Grainsize Statistics		
	mm	phi	wt (g)	wt (g)	wt% cum % finer	Modes			
			Cum				Sample:	164	
1	32.0000	-5.00	0.00	0.00	0.000	100.00	Percentiles		
2	22.6274	-4.50	17.00	17.00	17.352	82.65		<i>phi</i>	<i>mm</i>
3	16.0000	-4.00	32.00	15.00	15.310	67.34	95	-4.86	28.959
4	11.3137	-3.50	44.00	12.00	12.248	55.09	84	-4.54	23.247
5	8.0000	-3.00	53.00	9.00	9.186	45.90	75	-4.25	19.030
6	5.6569	-2.50	57.00	4.00	4.083	41.82	50	-3.22	9.337
7	4.0000	-2.00	60.00	3.00	3.062	38.76	25	6.74	0.009
8	2.8284	-1.50	62.00	2.00	2.041	36.72	16	7.03	0.008
9	2.0000	-1.00	63.00	1.00	1.021	35.70	5	7.56	0.005
10	1.4142	-0.50	63.00	0.00	0.000	35.70	Stats from Moments		
11	1.0000	0.00	63.00	0.00	0.000	35.70		<i>phi</i>	<i>mm</i>
12	0.7071	0.50	63.00	0.00	0.000	35.70	Mean	0.37	0.773
13	0.5000	1.00	63.00	0.00	0.000	35.70	SD	6.46	
14	0.3536	1.50	63.00	0.00	0.000	35.70	Skewness	0.39	
15	0.2500	2.00	63.00	0.00	0.000	35.70	Kurtosis	0.87	
16	0.1768	2.50	63.00	0.00	0.000	35.70	Folks' Graphic Stats		
17	0.1250	3.00	63.00	0.00	0.000	35.70		<i>phi</i>	<i>mm</i>
18	0.0884	3.50	63.00	0.00	0.000	35.70	Mean (Mz)	-0.24	1.184
19	0.0625	4.00	63.00	0.00	0.000	35.70	Sorting (SI)	4.77	
20	0.0442	4.50	63.00	0.00	0.000	35.70	Skewness (SkI)	0.75	
21	0.0372	4.75	63.23	0.23	0.232	35.46	Kurtosis (KG)	0.46	
22	0.0313	5.00	63.00	-0.22	-0.229	35.69	mode at 4.63		
23	0.0263	5.25	63.23	0.22	0.229	35.46	mode at 5.13		
24	0.0221	5.50	63.57	0.35	0.354	35.11	mode at 5.38		
25	0.0186	5.75	64.13	0.56	0.568	34.54	mode at 5.63		
26	0.0156	6.00	64.94	0.81	0.829	33.71			
27	0.0131	6.25	65.91	0.97	0.986	32.73			
28	0.0110	6.50	67.11	1.20	1.225	31.50			
29	0.0093	6.75	73.77	6.66	6.798	24.70			

30	0.0078	7.00	81.48	7.71	7.867	16.84
31	0.0066	7.25	87.80	6.32	6.452	10.39
32	0.0055	7.50	92.34	4.55	4.641	5.74
33	0.0046	7.75	95.29	2.95	3.012	2.73
34	0.0039	8.00	96.09	0.79	0.807	1.93
35	0.0033	8.25	96.71	0.62	0.636	1.29
36	0.0028	8.50	97.67	0.96	0.982	0.31
37	0.0023	8.75	97.97	0.30	0.307	0.00
38	0.0020	9.00	97.97	0.00	0.000	0.00
39	0.0016	9.25	97.97	0.00	0.000	0.00
40	0.0014	9.50	97.97	0.00	0.000	0.00
41	0.0012	9.75	97.97	0.00	0.000	0.00
42	0.0010	10.00	97.97	0.00	0.000	0.00
43	0.0008	10.25	97.97	0.00	0.000	0.00
44	0.0007	10.50	97.97	0.00	0.000	0.00
45	0.0006	10.75	97.97	0.00	0.000	0.00
46	0.0005	11.00	97.97	0.00	0.000	0.00
47	0.0004	11.25	97.97	0.00	0.000	0.00
48	0.0003	11.50	97.97	0.00	0.000	0.00
49	0.0003	11.75	97.97	0.00	0.000	0.00
50	0.0002	12.00	97.97	0.00	0.000	0.00
51	0.0002	12.25	97.97	0.00	0.000	0.00
Sums:		97.972	97.972	64.536		



Sample 168 joint infills High Grade

	mm	phi	wt (g)	wt (g)	wt%	cum % finer	Modes
			Cum				
1	32.0000	-5.00	0.00	0.00	0.000	100.00	
2	22.6274	-4.50	2.00	2.00	2.083	97.92	
3	16.0000	-4.00	23.00	21.00	21.876	76.04	mode at -4.3
4	11.3137	-3.50	35.00	12.00	12.500	63.54	
5	8.0000	-3.00	47.00	12.00	12.500	51.04	mode at -3.3
6	5.6569	-2.50	56.00	9.00	9.375	41.66	
7	4.0000	-2.00	62.00	6.00	6.250	35.41	
8	2.8284	-1.50	65.00	3.00	3.125	32.29	
9	2.0000	-1.00	67.00	2.00	2.083	30.21	
10	1.4142	-0.50	67.00	0.00	0.000	30.21	
11	1.0000	0.00	67.00	0.00	0.000	30.21	
12	0.7071	0.50	67.00	0.00	0.000	30.21	
13	0.5000	1.00	67.00	0.00	0.000	30.21	
14	0.3536	1.50	67.00	0.00	0.000	30.21	
15	0.2500	2.00	67.00	0.00	0.000	30.21	
16	0.1768	2.50	67.23	0.23	0.236	29.97	mode at 2.25
17	0.1487	2.75	67.03	-0.19	-0.202	30.17	
18	0.1250	3.00	67.23	0.19	0.202	29.97	
19	0.1051	3.25	67.54	0.32	0.329	29.64	
20	0.0884	3.50	67.96	0.42	0.438	29.20	mode at 3.38
21	0.0743	3.75	68.31	0.35	0.366	28.84	
22	0.0625	4.00	68.61	0.29	0.305	28.53	
23	0.0526	4.25	68.92	0.32	0.329	28.20	mode at 4.13
24	0.0442	4.50	69.38	0.46	0.474	27.73	mode at 4.38
25	0.0372	4.75	70.04	0.66	0.692	27.04	mode at 4.63
26	0.0313	5.00	70.96	0.92	0.961	26.08	
27	0.0263	5.25	72.09	1.13	1.175	24.90	
28	0.0221	5.50	73.29	1.20	1.251	23.65	
29	0.0186	5.75	74.68	1.39	1.444	22.21	

Grainsize Statistics

Sample: 168

Percentiles

	phi	mm
95	-4.43	21.606
84	-4.18	18.150
75	-3.96	15.545
50	-2.94	7.698
25	5.23	0.027
16	6.37	0.012
5	6.95	0.008

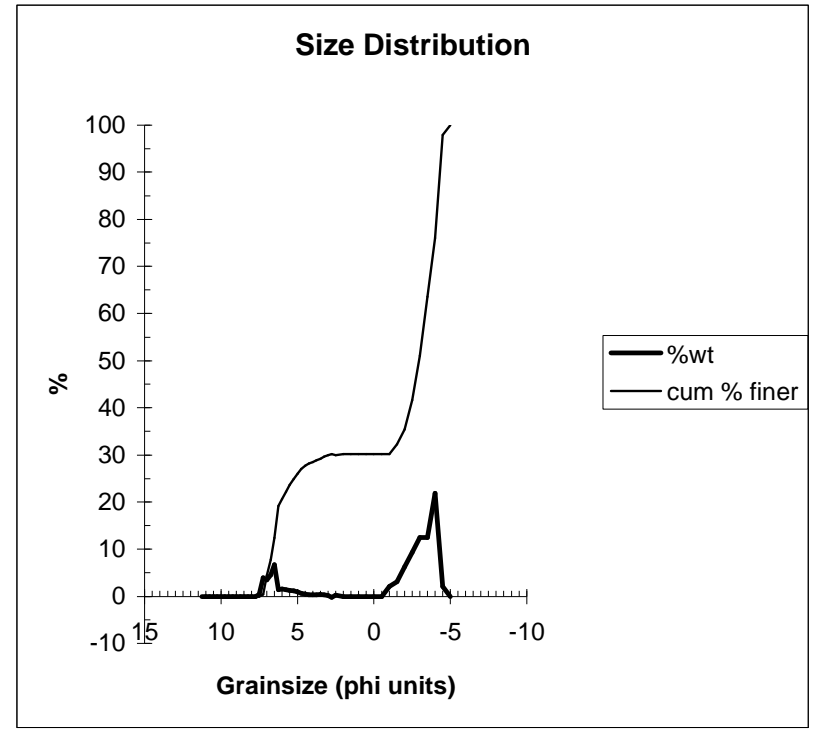
Stats from Moments

	phi	mm
Mean	-0.46	1.374
SD	5.23	
Skewness	0.77	
Kurtosis	1.38	

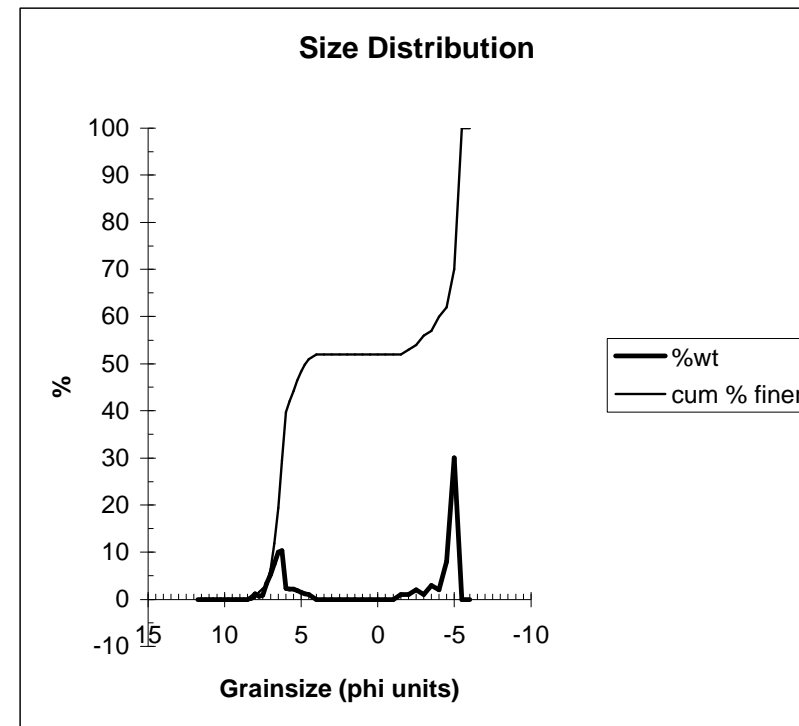
Folks' Graphic Stats

	phi	mm
Mean (Mz)	-0.25	1.192
Sorting (SI)	4.36	
Skewness (SkI)	0.75	
Kurtosis (KG)	0.51	

30	0.0156	6.00	76.20	1.52	1.583	20.62
31	0.0131	6.25	77.59	1.39	1.450	19.17
32	0.0110	6.50	84.08	6.49	6.761	12.41
33	0.0093	6.75	88.48	4.40	4.583	7.83
34	0.0078	7.00	91.80	3.31	3.453	4.38
35	0.0066	7.25	95.62	3.82	3.982	0.40
36	0.0055	7.50	96.00	0.38	0.396	0.00
37	0.0046	7.75	96.00	0.00	0.000	0.00
38	0.0039	8.00	96.00	0.00	0.000	0.00
39	0.0033	8.25	96.00	0.00	0.000	0.00
40	0.0028	8.50	96.00	0.00	0.000	0.00
41	0.0023	8.75	96.00	0.00	0.000	0.00
42	0.0020	9.00	96.00	0.00	0.000	0.00
43	0.0016	9.25	96.00	0.00	0.000	0.00
44	0.0014	9.50	96.00	0.00	0.000	0.00
45	0.0012	9.75	96.00	0.00	0.000	0.00
46	0.0010	10.00	96.00	0.00	0.000	0.00
47	0.0008	10.25	96.00	0.00	0.000	0.00
48	0.0007	10.50	96.00	0.00	0.000	0.00
49	0.0006	10.75	96.00	0.00	0.000	0.00
50	0.0005	11.00	96.00	0.00	0.000	0.00
51	0.0004	11.25	96.00	0.00	0.000	0.00
<i>Sums:</i>		95.997	95.997	71.162		



30	0.0110	6.50	80.57	10.00	10.008	19.40
31	0.0093	6.75	88.10	7.53	7.532	11.87
32	0.0078	7.00	93.46	5.36	5.363	6.51
33	0.0066	7.25	96.86	3.40	3.397	3.11
34	0.0055	7.50	97.71	0.85	0.853	2.26
35	0.0046	7.75	98.39	0.68	0.676	1.58
36	0.0039	8.00	99.56	1.18	1.176	0.41
37	0.0033	8.25	99.97	0.41	0.406	0.00
38	0.0028	8.50	99.97	0.00	0.000	0.00
39	0.0023	8.75	99.97	0.00	0.000	0.00
40	0.0020	9.00	99.97	0.00	0.000	0.00
41	0.0016	9.25	99.97	0.00	0.000	0.00
42	0.0014	9.50	99.97	0.00	0.000	0.00
43	0.0012	9.75	99.97	0.00	0.000	0.00
44	0.0010	10.00	99.97	0.00	0.000	0.00
45	0.0008	10.25	99.97	0.00	0.000	0.00
46	0.0007	10.50	99.97	0.00	0.000	0.00
47	0.0006	10.75	99.97	0.00	0.000	0.00
48	0.0005	11.00	99.97	0.00	0.000	0.00
49	0.0004	11.25	99.97	0.00	0.000	0.00
50	0.0003	11.50	99.97	0.00	0.000	0.00
51	0.0003	11.75	99.97	0.00	0.000	0.00
<i>Sums:</i>		99.969	99.969	48.015		



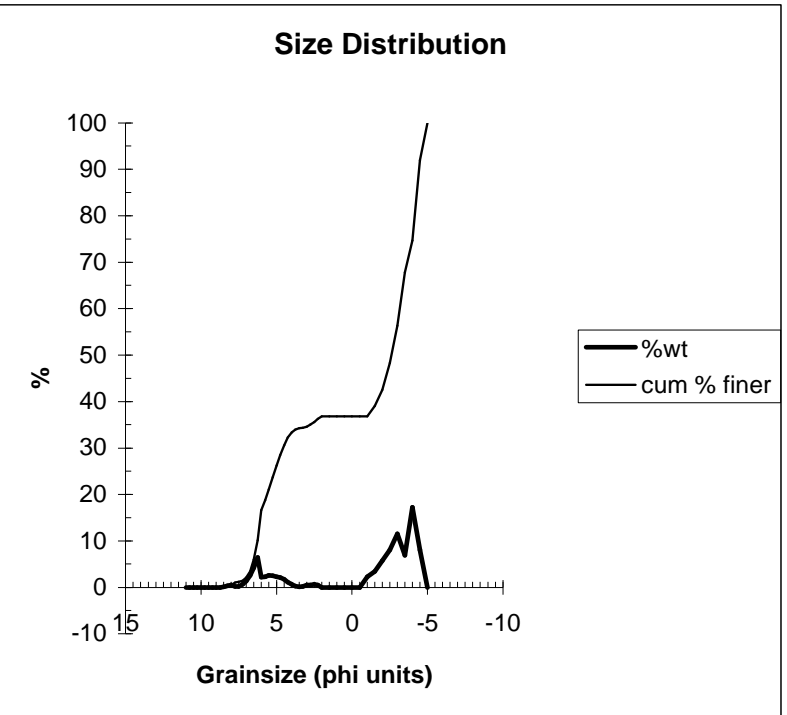
Sample 169 joint infills High Grade								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt% cum % finer	Modes				
1	32.0000	-5.00	0.00	0.00	0.000	100.00				
2	22.6274	-4.50	7.00	7.00	8.046	91.95				
3	16.0000	-4.00	22.00	15.00	17.241	74.71	mode at -4.3			
4	11.3137	-3.50	28.00	6.00	6.897	67.82				
5	8.0000	-3.00	38.00	10.00	11.494	56.32	mode at -3.3			
6	5.6569	-2.50	45.00	7.00	8.046	48.28				
7	4.0000	-2.00	50.00	5.00	5.747	42.53				
8	2.8284	-1.50	53.00	3.00	3.448	39.08				
9	2.0000	-1.00	55.00	2.00	2.299	36.78				
10	1.4142	-0.50	55.00	0.00	0.000	36.78				
11	1.0000	0.00	55.00	0.00	0.000	36.78				
12	0.7071	0.50	55.00	0.00	0.000	36.78				
13	0.5000	1.00	55.00	0.00	0.000	36.78				
14	0.3536	1.50	55.00	0.00	0.000	36.78				
15	0.2500	2.00	55.00	0.00	0.000	36.78				
16	0.2102	2.25	55.46	0.46	0.530	36.25				
17	0.1768	2.50	56.02	0.56	0.647	35.60	mode at 2.38			
18	0.1487	2.75	56.49	0.47	0.537	35.07				
19	0.1250	3.00	56.89	0.40	0.456	34.61				
20	0.1051	3.25	57.08	0.20	0.224	34.39				
21	0.0884	3.50	57.20	0.12	0.132	34.25				
22	0.0743	3.75	57.43	0.23	0.261	33.99				
23	0.0625	4.00	57.97	0.54	0.622	33.37	mode at 3.88			
24	0.0526	4.25	58.94	0.98	1.122	32.25	mode at 4.13			
25	0.0442	4.50	60.40	1.46	1.681	30.57	mode at 4.38			
26	0.0372	4.75	62.24	1.83	2.108	28.46				
27	0.0313	5.00	64.19	1.96	2.247	26.21				
28	0.0263	5.25	66.39	2.20	2.527	23.69				
29	0.0221	5.50	68.66	2.27	2.608	21.08				

Grainsize Statistics		
Sample:	169	
Percentiles		
	phi	mm
95	-4.69	25.800
84	-4.27	19.284
75	-4.01	16.093
50	-2.61	6.093
25	5.12	0.029
16	6.02	0.015
5	6.60	0.010

Stats from Moments		
	phi	mm
Mean	0.08	0.947
SD	5.43	
Skewness	0.42	
Kurtosis	0.97	

Folks' Graphic Stats		
	phi	mm
Mean (Mz)	-0.28	1.218
Sorting (SI)	4.28	
Skewness (SkI)	0.65	
Kurtosis (KG)	0.51	

30	0.0186	5.75	70.66	2.00	2.299	18.78
31	0.0156	6.00	72.54	1.88	2.163	16.62
32	0.0131	6.25	78.15	5.61	6.448	10.17
33	0.0110	6.50	81.79	3.64	4.178	5.99
34	0.0093	6.75	84.02	2.24	2.571	3.42
35	0.0078	7.00	85.16	1.14	1.309	2.11
36	0.0066	7.25	85.76	0.60	0.688	1.42
37	0.0055	7.50	85.94	0.18	0.202	1.22
38	0.0046	7.75	86.13	0.19	0.217	1.00
39	0.0039	8.00	86.59	0.46	0.533	0.47
40	0.0033	8.25	86.91	0.32	0.368	0.10
41	0.0028	8.50	87.00	0.09	0.103	0.00
42	0.0023	8.75	87.00	0.00	0.000	0.00
43	0.0020	9.00	87.00	0.00	0.000	0.00
44	0.0016	9.25	87.00	0.00	0.000	0.00
45	0.0014	9.50	87.00	0.00	0.000	0.00
46	0.0012	9.75	87.00	0.00	0.000	0.00
47	0.0010	10.00	87.00	0.00	0.000	0.00
48	0.0008	10.25	87.00	0.00	0.000	0.00
49	0.0007	10.50	87.00	0.00	0.000	0.00
50	0.0006	10.75	87.00	0.00	0.000	0.00
51	0.0005	11.00	87.00	0.00	0.000	0.00
<i>Sums:</i>			87	87	65.745	



Sample 154 joint infills Lower Steel

	mm	phi	Cum wt (g)	wt (g)	wt% cum % finer	Modes
1	32.0000	-5.00	0.00	0.00	0.000	100.00
2	22.6274	-4.50	28.00	28.00	30.108	69.89 mode at -4.8
3	16.0000	-4.00	34.00	6.00	6.452	63.44
4	11.3137	-3.50	36.00	2.00	2.151	61.29
5	8.0000	-3.00	38.00	2.00	2.151	59.14 mode at -3.3
6	5.6569	-2.50	39.00	1.00	1.075	58.06
7	4.0000	-2.00	40.00	1.00	1.075	56.99 mode at -2.3
8	2.8284	-1.50	40.00	0.00	0.000	56.99
9	2.0000	-1.00	40.00	0.00	0.000	56.99
10	1.4142	-0.50	40.00	0.00	0.000	56.99
11	1.0000	0.00	40.00	0.00	0.000	56.99
12	0.7071	0.50	40.00	0.00	0.000	56.99
13	0.5000	1.00	40.00	0.00	0.000	56.99
14	0.3536	1.50	40.00	0.00	0.000	56.99
15	0.2500	2.00	40.00	0.00	0.000	56.99
16	0.1768	2.50	40.00	0.00	0.000	56.99
17	0.1250	3.00	40.00	0.00	0.000	56.99
18	0.0884	3.50	40.00	0.00	0.000	56.99
19	0.0625	4.00	40.00	0.00	0.000	56.99
20	0.0442	4.50	40.00	0.00	0.000	56.99
21	0.0313	5.00	40.00	0.00	0.000	56.99
22	0.0221	5.50	40.76	0.76	0.821	56.17
23	0.0186	5.75	41.73	0.96	1.037	55.13 mode at 5.63
24	0.0156	6.00	43.13	1.40	1.510	53.62 mode at 5.88
25	0.0131	6.25	52.56	9.43	10.138	43.48 mode at 6.13
26	0.0110	6.50	64.58	12.02	12.919	30.56
27	0.0093	6.75	75.01	10.44	11.221	19.34
28	0.0078	7.00	82.89	7.88	8.469	10.87
29	0.0066	7.25	88.11	5.23	5.619	5.25

Grainsize Statistics

Sample: 154

Percentiles

	phi	mm
95	-4.92	30.210
84	-4.73	26.617
75	-4.58	23.998
50	6.09	0.015
25	6.62	0.010
16	6.85	0.009
5	7.29	0.006

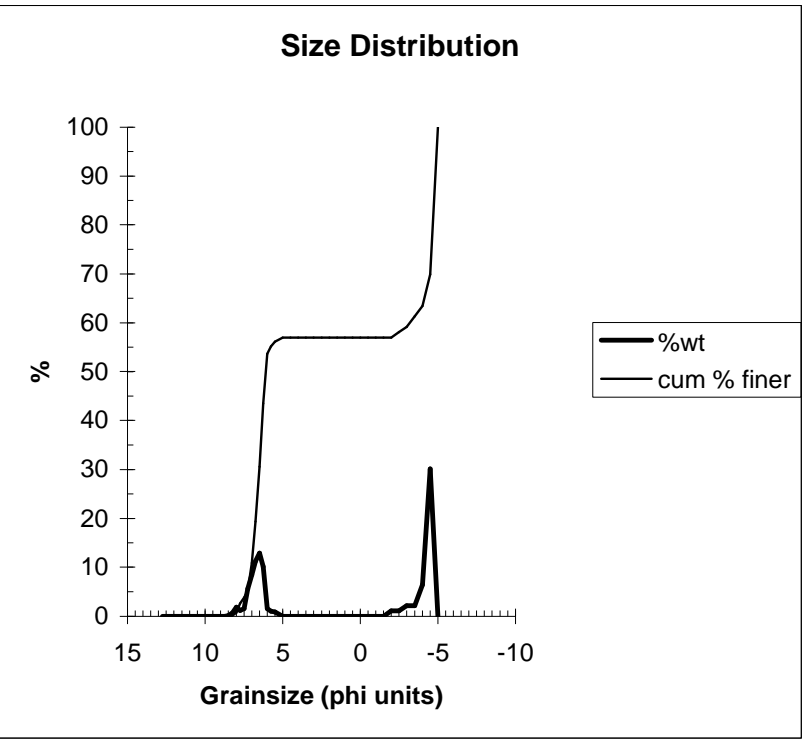
Stats from Moments

	phi	mm
Mean	4.74	0.038
SD	9.25	
Skewness	-0.89	
Kurtosis	0.89	

Folks' Graphic Stats

	phi	mm
Mean (Mz)	2.73	0.150
Sorting (SI)	4.75	
Skewness (SkI)	-0.84	
Kurtosis (KG)	0.45	

30	0.0055	7.50	89.51	1.39	1.499	3.76
31	0.0046	7.75	90.60	1.09	1.174	2.58
32	0.0039	8.00	92.31	1.71	1.835	0.75
33	0.0033	8.25	92.93	0.62	0.667	0.08
34	0.0028	8.50	93.00	0.07	0.080	0.00
35	0.0023	8.75	93.00	0.00	0.000	0.00
36	0.0020	9.00	93.00	0.00	0.000	0.00
37	0.0016	9.25	93.00	0.00	0.000	0.00
38	0.0014	9.50	93.00	0.00	0.000	0.00
39	0.0012	9.75	93.00	0.00	0.000	0.00
40	0.0010	10.00	93.00	0.00	0.000	0.00
41	0.0008	10.25	93.00	0.00	0.000	0.00
42	0.0007	10.50	93.00	0.00	0.000	0.00
43	0.0006	10.75	93.00	0.00	0.000	0.00
44	0.0005	11.00	93.00	0.00	0.000	0.00
45	0.0004	11.25	93.00	0.00	0.000	0.00
46	0.0003	11.50	93.00	0.00	0.000	0.00
47	0.0003	11.75	93.00	0.00	0.000	0.00
48	0.0002	12.00	93.00	0.00	0.000	0.00
49	0.0002	12.25	93.00	0.00	0.000	0.00
50	0.0002	12.50	93.00	0.00	0.000	0.00
51	0.0001	12.75	93.00	0.00	0.000	0.00
<i>Sums:</i>		93	93	43.011		



Sample 165 joint infills Aglime

Grainsize Statistics

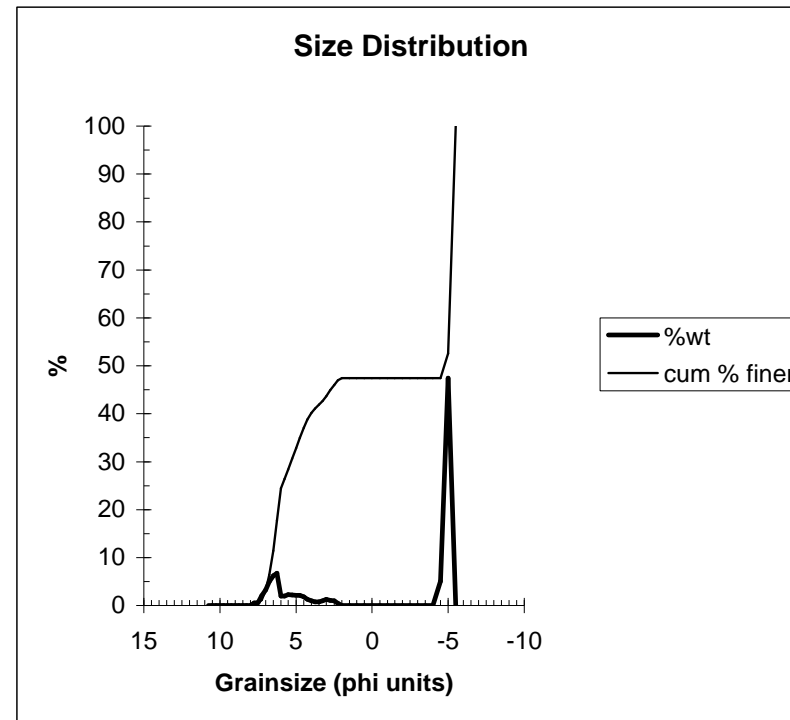
	mm	phi	wt (g)	wt (g)	wt%	cum % finer	Modes	Sample:	165
1	45.2548	-5.50	0.00	0.00	0.000	100.00			
2	32.0000	-5.00	28.00	28.00	47.458	52.54	mode at -5.3		
3	22.6274	-4.50	31.00	3.00	5.085	47.46			
4	16.0000	-4.00	31.00	0.00	0.000	47.46			
5	11.3137	-3.50	31.00	0.00	0.000	47.46			
6	8.0000	-3.00	31.00	0.00	0.000	47.46			
7	5.6569	-2.50	31.00	0.00	0.000	47.46			
8	4.0000	-2.00	31.00	0.00	0.000	47.46			
9	2.8284	-1.50	31.00	0.00	0.000	47.46			
10	2.0000	-1.00	31.00	0.00	0.000	47.46			
11	1.4142	-0.50	31.00	0.00	0.000	47.46			
12	1.0000	0.00	31.00	0.00	0.000	47.46			
13	0.7071	0.50	31.00	0.00	0.000	47.46			
14	0.5000	1.00	31.00	0.00	0.000	47.46			
15	0.3536	1.50	31.00	0.00	0.000	47.46			
16	0.2500	2.00	31.00	0.00	0.000	47.46			
17	0.2102	2.25	31.25	0.25	0.427	47.03			
18	0.1768	2.50	31.85	0.60	1.016	46.01			
19	0.1487	2.75	32.50	0.65	1.096	44.92			
20	0.1250	3.00	33.25	0.75	1.267	43.65	mode at 2.88		
21	0.1051	3.25	33.83	0.59	0.992	42.66			
22	0.0884	3.50	34.29	0.46	0.774	41.89			
23	0.0743	3.75	34.73	0.45	0.755	41.13			
24	0.0625	4.00	35.31	0.57	0.973	40.16	mode at 3.88		
25	0.0526	4.25	36.10	0.79	1.343	38.82	mode at 4.13		
26	0.0442	4.50	37.15	1.05	1.784	37.03			
27	0.0372	4.75	38.39	1.23	2.093	34.94			
28	0.0313	5.00	39.62	1.23	2.093	32.85			
29	0.0263	5.25	40.91	1.29	2.188	30.66			

Percentiles		
	phi	mm
95	-5.45	43.632
84	-5.33	40.264
75	-5.24	37.703
50	-4.75	26.909
25	5.93	0.016
16	6.32	0.013
5	6.86	0.009

Stats from Moments		
	phi	mm
Mean	0.12	0.920
SD	7.08	
Skewness	0.12	
Kurtosis	0.64	

Folks' Graphic Stats		
	phi	mm
Mean (Mz)	-1.25	2.386
Sorting (SI)	4.78	
Skewness (SkI)	0.89	
Kurtosis (KG)	0.45	

30	0.0221	5.50	42.26	1.34	2.278	28.38
31	0.0186	5.75	43.44	1.18	2.007	26.37
32	0.0156	6.00	44.58	1.14	1.932	24.44
33	0.0131	6.25	48.57	3.99	6.763	17.68
34	0.0110	6.50	52.26	3.69	6.255	11.42
35	0.0093	6.75	55.21	2.95	4.997	6.43
36	0.0078	7.00	57.14	1.93	3.265	3.16
37	0.0066	7.25	58.33	1.20	2.031	1.13
38	0.0055	7.50	58.69	0.36	0.603	0.53
39	0.0046	7.75	59.00	0.31	0.527	0.00
40	0.0039	8.00	59.00	0.00	0.000	0.00
41	0.0033	8.25	59.00	0.00	0.000	0.00
42	0.0028	8.50	59.00	0.00	0.000	0.00
43	0.0023	8.75	59.00	0.00	0.000	0.00
44	0.0020	9.00	59.00	0.00	0.000	0.00
45	0.0016	9.25	59.00	0.00	0.000	0.00
46	0.0014	9.50	59.00	0.00	0.000	0.00
47	0.0012	9.75	59.00	0.00	0.000	0.00
48	0.0010	10.00	59.00	0.00	0.000	0.00
49	0.0008	10.25	59.00	0.00	0.000	0.00
50	0.0007	10.50	59.00	0.00	0.000	0.00
51	0.0006	10.75	59.00	0.00	0.000	0.00
<i>Sums:</i>		59	59	57.340		



Sample 109 joint infills High Grade

	mm	phi	Cum wt (g)	wt (g)	wt% cum % finer	Modes
1	22.6274	-4.50	0.00	0.00	0.000	100.00
2	16.0000	-4.00	12.00	12.00	12.371	87.63
3	11.3137	-3.50	27.00	15.00	15.464	72.16 mode at -3.8
4	8.0000	-3.00	34.00	7.00	7.216	64.95
5	5.6569	-2.50	38.00	4.00	4.124	60.82
6	4.0000	-2.00	42.00	4.00	4.124	56.70 mode at -2.3
7	2.8284	-1.50	44.00	2.00	2.062	54.64
8	2.0000	-1.00	45.00	1.00	1.031	53.61
9	1.4142	-0.50	45.00	0.00	0.000	53.61
10	1.0000	0.00	45.00	0.00	0.000	53.61
11	0.7071	0.50	45.00	0.00	0.000	53.61
12	0.5000	1.00	45.00	0.00	0.000	53.61
13	0.3536	1.50	45.00	0.00	0.000	53.61
14	0.2500	2.00	45.00	0.00	0.000	53.61
15	0.1768	2.50	45.00	0.00	0.000	53.61
16	0.1250	3.00	45.00	0.00	0.000	53.61
17	0.0884	3.50	45.00	0.00	0.000	53.61
18	0.0625	4.00	45.00	0.00	0.000	53.61
19	0.0526	4.25	46.42	1.42	1.469	52.14
20	0.0442	4.50	48.22	1.80	1.855	50.28
21	0.0372	4.75	50.48	2.26	2.327	47.96 mode at 4.63
22	0.0313	5.00	52.78	2.30	2.375	45.58
23	0.0263	5.25	55.25	2.46	2.541	43.04 mode at 5.13
24	0.0221	5.50	57.72	2.47	2.546	40.50 mode at 5.38
25	0.0186	5.75	59.85	2.13	2.198	38.30
26	0.0156	6.00	61.98	2.13	2.198	36.10
27	0.0131	6.25	70.57	8.59	8.856	27.24
28	0.0110	6.50	79.41	8.83	9.108	18.14
29	0.0093	6.75	86.55	7.14	7.366	10.77

Grainsize Statistics

Sample: 109

Percentiles

	phi	mm
95	-4.30	19.670
84	-3.88	14.750
75	-3.59	12.056
50	4.53	0.043
25	6.31	0.013
16	6.57	0.011
5	7.04	0.008

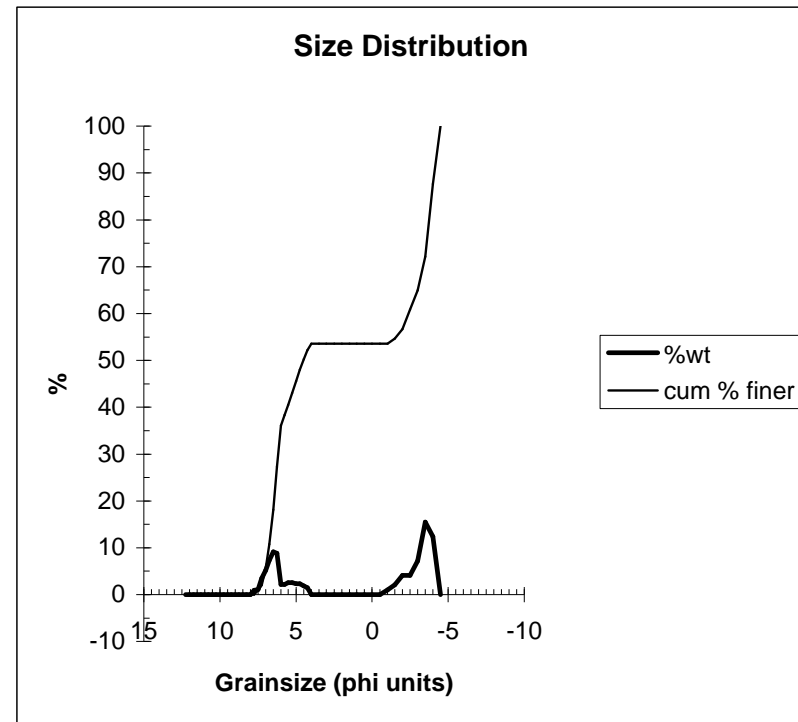
Stats from Moments

	phi	mm
Mean	3.55	0.086
SD	7.00	
Skewness	-0.75	
Kurtosis	0.86	

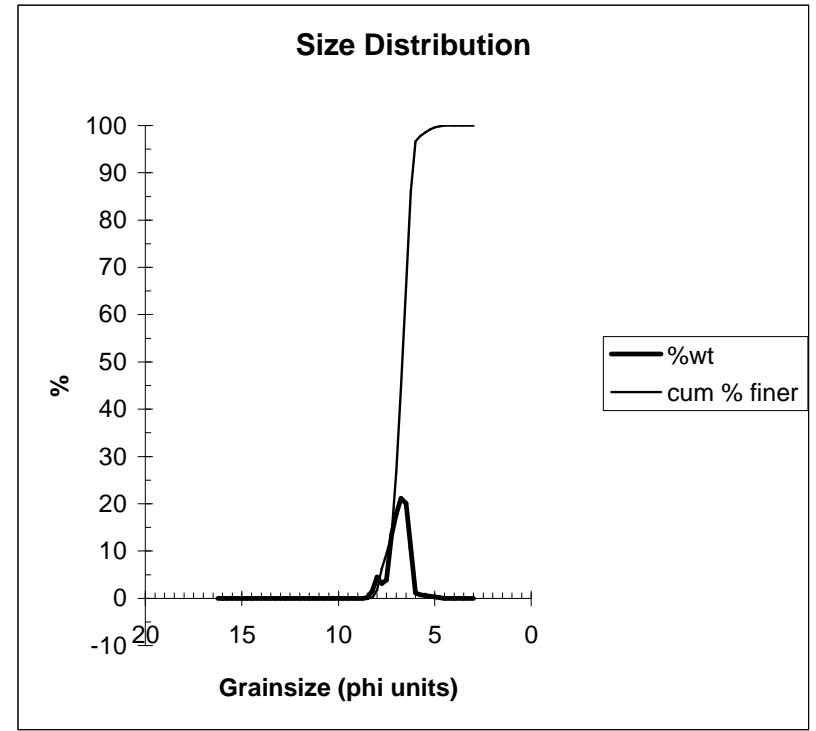
Folks' Graphic Stats

	phi	mm
Mean (Mz)	2.41	0.189
Sorting (SI)	4.33	
Skewness (SkI)	-0.58	
Kurtosis (KG)	0.47	

30	0.0078	7.00	91.61	5.06	5.216	5.55
31	0.0066	7.25	95.04	3.43	3.533	2.02
32	0.0055	7.50	96.08	1.04	1.072	0.95
33	0.0046	7.75	97.00	0.92	0.949	0.00
34	0.0039	8.00	97.00	0.00	0.000	0.00
35	0.0033	8.25	97.00	0.00	0.000	0.00
36	0.0028	8.50	97.00	0.00	0.000	0.00
37	0.0023	8.75	97.00	0.00	0.000	0.00
38	0.0020	9.00	97.00	0.00	0.000	0.00
39	0.0016	9.25	97.00	0.00	0.000	0.00
40	0.0014	9.50	97.00	0.00	0.000	0.00
41	0.0012	9.75	97.00	0.00	0.000	0.00
42	0.0010	10.00	97.00	0.00	0.000	0.00
43	0.0008	10.25	97.00	0.00	0.000	0.00
44	0.0007	10.50	97.00	0.00	0.000	0.00
45	0.0006	10.75	97.00	0.00	0.000	0.00
46	0.0005	11.00	97.00	0.00	0.000	0.00
47	0.0004	11.25	97.00	0.00	0.000	0.00
48	0.0003	11.50	97.00	0.00	0.000	0.00
49	0.0003	11.75	97.00	0.00	0.000	0.00
50	0.0002	12.00	97.00	0.00	0.000	0.00
51	0.0002	12.25	97.00	0.00	0.000	0.00
<i>Sums:</i>		97	97	52.042		



30	0.0005	11.00	100.01	0.00	0.000	0.00
31	0.0004	11.25	100.01	0.00	0.000	0.00
32	0.0003	11.50	100.01	0.00	0.000	0.00
33	0.0003	11.75	100.01	0.00	0.000	0.00
34	0.0002	12.00	100.01	0.00	0.000	0.00
35	0.0002	12.25	100.01	0.00	0.000	0.00
36	0.0002	12.50	100.01	0.00	0.000	0.00
37	0.0001	12.75	100.01	0.00	0.000	0.00
38	0.0001	13.00	100.01	0.00	0.000	0.00
39	0.0001	13.25	100.01	0.00	0.000	0.00
40	0.0001	13.50	100.01	0.00	0.000	0.00
41	0.0001	13.75	100.01	0.00	0.000	0.00
42	0.0001	14.00	100.01	0.00	0.000	0.00
43	0.0001	14.25	100.01	0.00	0.000	0.00
44	0.0000	14.50	100.01	0.00	0.000	0.00
45	0.0000	14.75	100.01	0.00	0.000	0.00
46	0.0000	15.00	100.01	0.00	0.000	0.00
47	0.0000	15.25	100.01	0.00	0.000	0.00
48	0.0000	15.50	100.01	0.00	0.000	0.00
49	0.0000	15.75	100.01	0.00	0.000	0.00
50	0.0000	16.00	100.01	0.00	0.000	0.00
51	0.0000	16.25	100.01	0.00	0.000	0.00
<i>Sums:</i>			100.01	100.01	100.000	



Sample 144 joint infills High Grade

	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes
1	0.2500	2.00	0.00	0.00	0.000	100.00	
2	0.1768	2.50	0.00	0.00	0.000	100.00	
3	0.1487	2.75	1.36	1.36	1.360	98.64	
4	0.1250	3.00	4.06	2.70	2.699	95.94	
5	0.1051	3.25	7.48	3.42	3.419	92.52	
6	0.0884	3.50	11.09	3.61	3.609	88.91	mode at 3.38
7	0.0743	3.75	14.60	3.51	3.509	85.40	
8	0.0625	4.00	17.89	3.29	3.289	82.12	
9	0.0526	4.25	20.89	3.00	2.999	79.12	
10	0.0442	4.50	23.79	2.90	2.899	76.22	
11	0.0372	4.75	26.72	2.93	2.929	73.29	mode at 4.63
12	0.0313	5.00	29.51	2.79	2.789	70.50	
13	0.0263	5.25	32.57	3.06	3.059	67.44	
14	0.0221	5.50	35.91	3.34	3.339	64.10	mode at 5.38
15	0.0186	5.75	39.03	3.12	3.119	60.98	
16	0.0156	6.00	42.19	3.16	3.159	57.82	
17	0.0131	6.25	54.05	11.86	11.856	45.97	mode at 6.13
18	0.0110	6.50	65.51	11.46	11.457	34.51	
19	0.0093	6.75	75.88	10.37	10.367	24.14	
20	0.0078	7.00	84.08	8.20	8.198	15.95	
21	0.0066	7.25	90.51	6.43	6.428	9.52	
22	0.0055	7.50	92.73	2.22	2.219	7.30	
23	0.0046	7.75	94.77	2.04	2.039	5.26	
24	0.0039	8.00	98.33	3.56	3.559	1.70	mode at 7.88
25	0.0033	8.25	99.81	1.48	1.480	0.22	
26	0.0028	8.50	100.03	0.22	0.220	0.00	
27	0.0023	8.75	100.03	0.00	0.000	0.00	
28	0.0020	9.00	100.03	0.00	0.000	0.00	
29	0.0016	9.25	100.03	0.00	0.000	0.00	

Grainsize Statistics

Sample: 144

Percentiles

	phi	mm
95	3.07	0.119
84	3.86	0.069
75	4.60	0.041
50	6.16	0.014
25	6.73	0.009
16	7.00	0.008
5	7.77	0.005

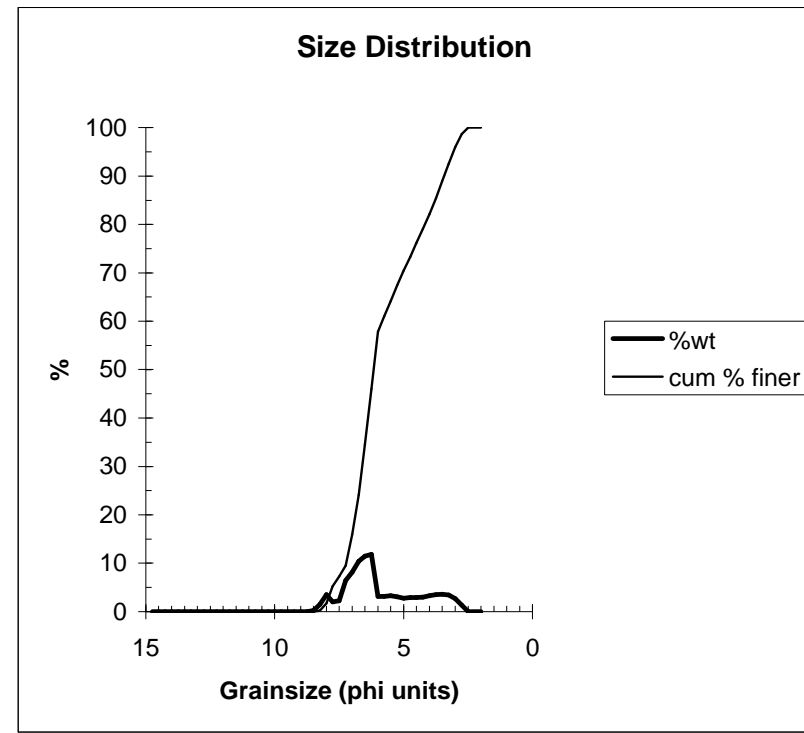
Stats from Moments

	phi	mm
Mean	6.46	0.011
SD	1.63	
Skewness	-1.42	
Kurtosis	2.81	

Folks' Graphic Stats

	phi	mm
Mean (Mz)	5.67	0.020
Sorting (SI)	1.50	
Skewness (SkI)	-0.39	
Kurtosis (KG)	0.91	

30	0.0014	9.50	100.03	0.00	0.000	0.00
31	0.0012	9.75	100.03	0.00	0.000	0.00
32	0.0010	10.00	100.03	0.00	0.000	0.00
33	0.0008	10.25	100.03	0.00	0.000	0.00
34	0.0007	10.50	100.03	0.00	0.000	0.00
35	0.0006	10.75	100.03	0.00	0.000	0.00
36	0.0005	11.00	100.03	0.00	0.000	0.00
37	0.0004	11.25	100.03	0.00	0.000	0.00
38	0.0003	11.50	100.03	0.00	0.000	0.00
39	0.0003	11.75	100.03	0.00	0.000	0.00
40	0.0002	12.00	100.03	0.00	0.000	0.00
41	0.0002	12.25	100.03	0.00	0.000	0.00
42	0.0002	12.50	100.03	0.00	0.000	0.00
43	0.0001	12.75	100.03	0.00	0.000	0.00
44	0.0001	13.00	100.03	0.00	0.000	0.00
45	0.0001	13.25	100.03	0.00	0.000	0.00
46	0.0001	13.50	100.03	0.00	0.000	0.00
47	0.0001	13.75	100.03	0.00	0.000	0.00
48	0.0001	14.00	100.03	0.00	0.000	0.00
49	0.0001	14.25	100.03	0.00	0.000	0.00
50	0.0000	14.50	100.03	0.00	0.000	0.00
51	0.0000	14.75	100.03	0.00	0.000	0.00
<i>Sums:</i>			100.03	100.03	90.483	



Sample 160 joints infills Upper Steel

	mm	phi	wt (g)	wt (g)	wt%	cum % finer	Modes
			Cum				
1	0.2500	2.00	0.00	0.00	0.000	100.00	
2	0.1768	2.50	0.00	0.00	0.000	100.00	
3	0.1250	3.00	0.00	0.00	0.000	100.00	
4	0.1051	3.25	0.66	0.66	0.660	99.34	mode at 3.13
5	0.0884	3.50	1.22	0.56	0.560	98.78	
6	0.0743	3.75	1.88	0.66	0.660	98.12	
7	0.0625	4.00	2.63	0.75	0.750	97.37	
8	0.0526	4.25	3.48	0.85	0.850	96.52	
9	0.0442	4.50	4.53	1.05	1.050	95.47	
10	0.0372	4.75	5.83	1.30	1.300	94.17	
11	0.0313	5.00	7.35	1.52	1.520	92.65	
12	0.0263	5.25	9.35	2.00	2.000	90.65	
13	0.0221	5.50	11.91	2.56	2.561	88.09	
14	0.0186	5.75	14.64	2.73	2.731	85.36	
15	0.0156	6.00	17.74	3.10	3.101	82.26	
16	0.0131	6.25	31.99	14.25	14.253	68.00	
17	0.0110	6.50	48.64	16.65	16.653	51.35	
18	0.0093	6.75	65.45	16.81	16.813	34.54	mode at 6.63
19	0.0078	7.00	78.90	13.45	13.453	21.08	
20	0.0066	7.25	88.70	9.80	9.802	11.28	
21	0.0055	7.50	91.73	3.03	3.031	8.25	
22	0.0046	7.75	94.29	2.56	2.561	5.69	
23	0.0039	8.00	98.35	4.06	4.061	1.63	mode at 7.88
24	0.0033	8.25	99.81	1.46	1.460	0.17	
25	0.0028	8.50	99.98	0.17	0.170	0.00	
26	0.0023	8.75	99.98	0.00	0.000	0.00	
27	0.0020	9.00	99.98	0.00	0.000	0.00	
28	0.0016	9.25	99.98	0.00	0.000	0.00	
29	0.0014	9.50	99.98	0.00	0.000	0.00	

Grainsize Statistics

Sample: 160

Percentiles

	phi	mm
95	4.59	0.042
84	5.86	0.017
75	6.13	0.014
50	6.52	0.011
25	6.93	0.008
16	7.13	0.007
5	7.79	0.005

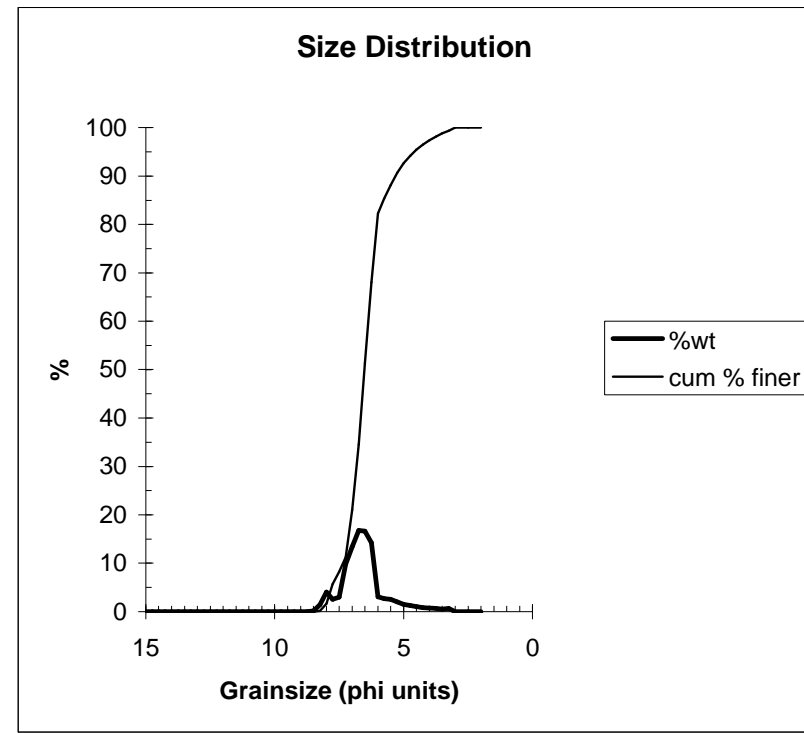
Stats from Moments

	phi	mm
Mean	7.14	0.007
SD	1.11	
Skewness	-1.89	
Kurtosis	4.90	

Folks' Graphic Stats

	phi	mm
Mean (Mz)	6.50	0.011
Sorting (Sl)	0.80	
Skewness (SkI)	-0.12	
Kurtosis (KG)	1.64	

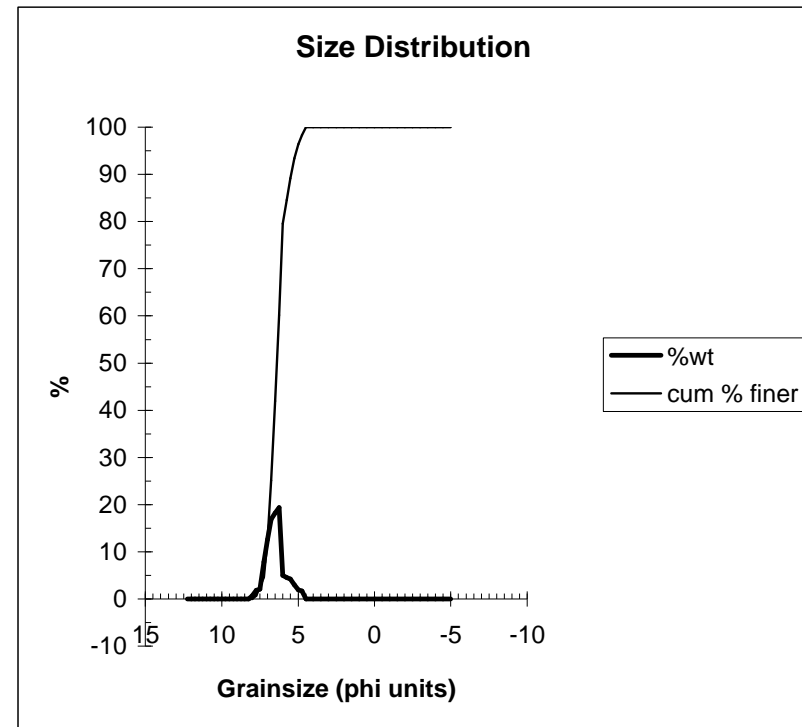
30	0.0012	9.75	99.98	0.00	0.000	0.00
31	0.0010	10.00	99.98	0.00	0.000	0.00
32	0.0008	10.25	99.98	0.00	0.000	0.00
33	0.0007	10.50	99.98	0.00	0.000	0.00
34	0.0006	10.75	99.98	0.00	0.000	0.00
35	0.0005	11.00	99.98	0.00	0.000	0.00
36	0.0004	11.25	99.98	0.00	0.000	0.00
37	0.0003	11.50	99.98	0.00	0.000	0.00
38	0.0003	11.75	99.98	0.00	0.000	0.00
39	0.0002	12.00	99.98	0.00	0.000	0.00
40	0.0002	12.25	99.98	0.00	0.000	0.00
41	0.0002	12.50	99.98	0.00	0.000	0.00
42	0.0001	12.75	99.98	0.00	0.000	0.00
43	0.0001	13.00	99.98	0.00	0.000	0.00
44	0.0001	13.25	99.98	0.00	0.000	0.00
45	0.0001	13.50	99.98	0.00	0.000	0.00
46	0.0001	13.75	99.98	0.00	0.000	0.00
47	0.0001	14.00	99.98	0.00	0.000	0.00
48	0.0001	14.25	99.98	0.00	0.000	0.00
49	0.0000	14.50	99.98	0.00	0.000	0.00
50	0.0000	14.75	99.98	0.00	0.000	0.00
51	0.0000	15.00	99.98	0.00	0.000	0.00
<i>Sums:</i>			99.98	99.98	91.748	



CAVE INFILLS

Sample 166 cave infills Upper Steel								Grainsize Statistics		
	mm	phi	wt (g)	wt (g)	wt%	cum % finer	Modes	Sample:		
			Cum					166		
1	32.0000	-5.00	0.00	0.00	0.000	100.00		Percentiles		
2	22.6274	-4.50	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
3	16.0000	-4.00	0.00	0.00	0.000	100.00		95	5.12	0.029
4	11.3137	-3.50	0.00	0.00	0.000	100.00		84	5.78	0.018
5	8.0000	-3.00	0.00	0.00	0.000	100.00		75	6.06	0.015
6	5.6569	-2.50	0.00	0.00	0.000	100.00		50	6.39	0.012
7	4.0000	-2.00	0.00	0.00	0.000	100.00		25	6.75	0.009
8	2.8284	-1.50	0.00	0.00	0.000	100.00		16	6.93	0.008
9	2.0000	-1.00	0.00	0.00	0.000	100.00		5	7.24	0.007
10	1.4142	-0.50	0.00	0.00	0.000	100.00		Stats from Moments		
11	1.0000	0.00	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
12	0.7071	0.50	0.00	0.00	0.000	100.00		Mean	387.61	0.000
13	0.5000	1.00	0.00	0.00	0.000	100.00		SD	2949.47	
14	0.3536	1.50	0.00	0.00	0.000	100.00		Skewness	-0.13	
15	0.2500	2.00	0.00	0.00	0.000	100.00		Kurtosis	0.02	
16	0.1768	2.50	0.00	0.00	0.000	100.00		Folks' Graphic Stats		
17	0.1250	3.00	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
18	0.0884	3.50	0.00	0.00	0.000	100.00		Mean (Mz)	6.37	0.012
19	0.0625	4.00	0.00	0.00	0.000	100.00		Sorting (SI)	0.61	
20	0.0442	4.50	0.00	0.00	0.000	100.00		Skewness (SkI)	-0.13	
21	0.0372	4.75	1.67	1.67	1.670	98.33	mode at 4.63	Kurtosis (KG)	1.25	
22	0.0313	5.00	3.61	1.94	1.940	96.39	mode at 4.88			
23	0.0263	5.25	6.63	3.02	3.020	93.37	mode at 5.13			
24	0.0221	5.50	10.88	4.25	4.250	89.12	mode at 5.38			
25	0.0186	5.75	15.46	4.58	4.580	84.54	mode at 5.63			
26	0.0156	6.00	20.46	5.00	5.000	79.54				
27	0.0131	6.25	39.81	19.35	19.348	60.19				
28	0.0110	6.50	58.00	18.19	18.188	42.01				
29	0.0093	6.75	74.90	16.90	16.898	25.11				

30	0.0078	7.00	87.54	12.64	12.639	12.47
31	0.0066	7.25	95.37	7.83	7.829	4.64
32	0.0055	7.50	97.47	2.10	2.100	2.54
33	0.0046	7.75	99.30	1.83	1.830	0.71
34	0.0039	8.00	100.01	0.71	0.710	0.00
35	0.0033	8.25	100.01	0.00	0.000	0.00
36	0.0028	8.50	100.01	0.00	0.000	0.00
37	0.0023	8.75	100.01	0.00	0.000	0.00
38	0.0020	9.00	100.01	0.00	0.000	0.00
39	0.0016	9.25	100.01	0.00	0.000	0.00
40	0.0014	9.50	100.01	0.00	0.000	0.00
41	0.0012	9.75	100.01	0.00	0.000	0.00
42	0.0010	10.00	100.01	0.00	0.000	0.00
43	0.0008	10.25	100.01	0.00	0.000	0.00
44	0.0007	10.50	100.01	0.00	0.000	0.00
45	0.0006	10.75	100.01	0.00	0.000	0.00
46	0.0005	11.00	100.01	0.00	0.000	0.00
47	0.0004	11.25	100.01	0.00	0.000	0.00
48	0.0003	11.50	100.01	0.00	0.000	0.00
49	0.0003	11.75	100.01	0.00	0.000	0.00
50	0.0002	12.00	100.01	0.00	0.000	0.00
51	0.0002	12.25	100.01	0.00	0.000	0.00
<i>Sums:</i>		100.01	100.01	1.670		



Sample 146 cave infills High Grade

	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes
1	0.1250	3.00	0.00	0.00	0.000	100.00	
2	0.0884	3.50	0.00	0.00	0.000	100.00	
3	0.0625	4.00	0.00	0.00	0.000	100.00	
4	0.0442	4.50	0.00	0.00	0.000	100.00	
5	0.0372	4.75	1.49	1.49	1.490	98.51	
6	0.0313	5.00	3.37	1.88	1.880	96.63	
7	0.0263	5.25	6.50	3.13	3.130	93.50	
8	0.0221	5.50	11.21	4.71	4.710	88.79	
9	0.0186	5.75	16.73	5.52	5.519	83.27	
10	0.0156	6.00	23.24	6.51	6.509	76.76	
11	0.0131	6.25	49.77	26.53	26.527	50.23	mode at 6.13
12	0.0110	6.50	68.62	18.85	18.848	31.39	
13	0.0093	6.75	79.63	11.01	11.009	20.38	
14	0.0078	7.00	86.64	7.01	7.009	13.37	
15	0.0066	7.25	91.74	5.10	5.099	8.27	
16	0.0055	7.50	93.51	1.77	1.770	6.50	
17	0.0046	7.75	95.28	1.77	1.770	4.73	
18	0.0039	8.00	98.72	3.44	3.440	1.29	mode at 7.88
19	0.0033	8.25	99.91	1.19	1.190	0.10	
20	0.0028	8.50	100.01	0.10	0.100	0.00	
21	0.0023	8.75	100.01	0.00	0.000	0.00	
22	0.0020	9.00	100.01	0.00	0.000	0.00	
23	0.0016	9.25	100.01	0.00	0.000	0.00	
24	0.0014	9.50	100.01	0.00	0.000	0.00	
25	0.0012	9.75	100.01	0.00	0.000	0.00	
26	0.0010	10.00	100.01	0.00	0.000	0.00	
27	0.0008	10.25	100.01	0.00	0.000	0.00	
28	0.0007	10.50	100.01	0.00	0.000	0.00	
29	0.0006	10.75	100.01	0.00	0.000	0.00	

Grainsize Statistics

Sample: 146

Percentiles

	phi	mm
95	5.13	0.029
84	5.72	0.019
75	6.02	0.015
50	6.25	0.013
25	6.65	0.010
16	6.91	0.008
5	7.71	0.005

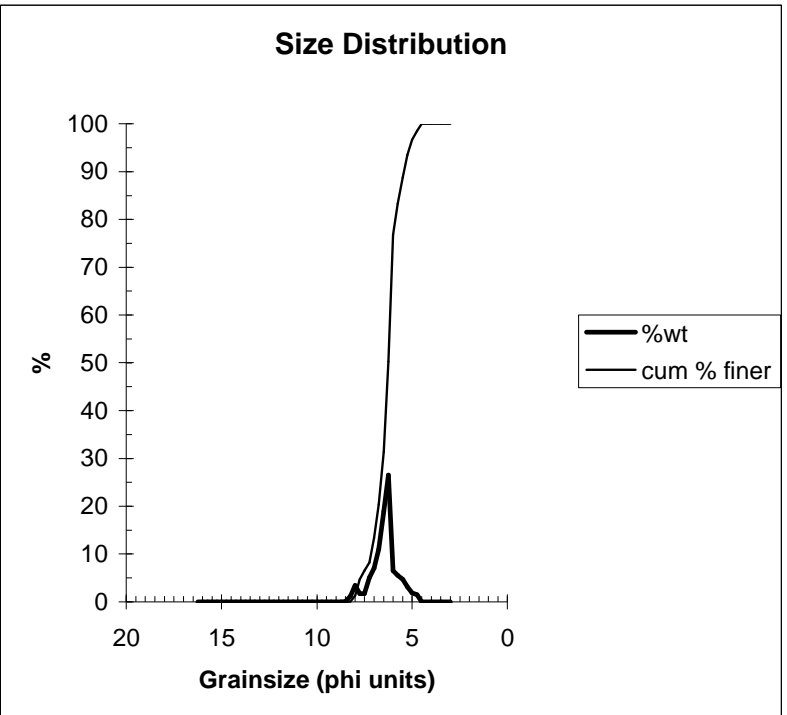
Stats from Moments

	phi	mm
Mean	6.43	0.012
SD	0.68	
Skewness	0.24	
Kurtosis	3.65	

Folks' Graphic Stats

	phi	mm
Mean (Mz)	6.29	0.013
Sorting (SI)	0.69	
Skewness (SkI)	0.11	
Kurtosis (KG)	1.68	

30	0.0005	11.00	100.01	0.00	0.000	0.00
31	0.0004	11.25	100.01	0.00	0.000	0.00
32	0.0003	11.50	100.01	0.00	0.000	0.00
33	0.0003	11.75	100.01	0.00	0.000	0.00
34	0.0002	12.00	100.01	0.00	0.000	0.00
35	0.0002	12.25	100.01	0.00	0.000	0.00
36	0.0002	12.50	100.01	0.00	0.000	0.00
37	0.0001	12.75	100.01	0.00	0.000	0.00
38	0.0001	13.00	100.01	0.00	0.000	0.00
39	0.0001	13.25	100.01	0.00	0.000	0.00
40	0.0001	13.50	100.01	0.00	0.000	0.00
41	0.0001	13.75	100.01	0.00	0.000	0.00
42	0.0001	14.00	100.01	0.00	0.000	0.00
43	0.0001	14.25	100.01	0.00	0.000	0.00
44	0.0000	14.50	100.01	0.00	0.000	0.00
45	0.0000	14.75	100.01	0.00	0.000	0.00
46	0.0000	15.00	100.01	0.00	0.000	0.00
47	0.0000	15.25	100.01	0.00	0.000	0.00
48	0.0000	15.50	100.01	0.00	0.000	0.00
49	0.0000	15.75	100.01	0.00	0.000	0.00
50	0.0000	16.00	100.01	0.00	0.000	0.00
51	0.0000	16.25	100.01	0.00	0.000	0.00
<i>Sums:</i>			100.01	100.01	100.000	

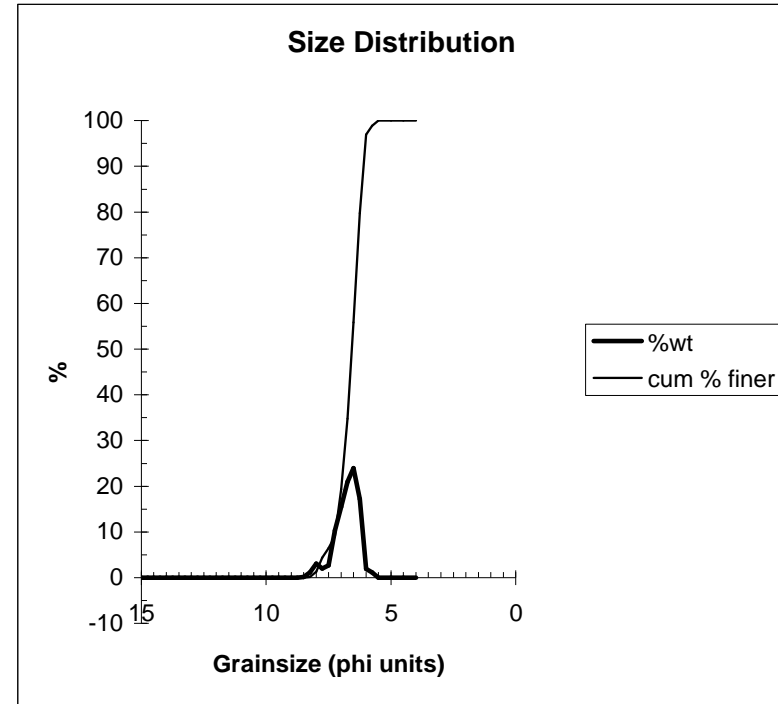


Sample 143 cave infills Upper Steel								Grainsize Statistics			
	mm	phi	wt (g)	wt (g)	wt%	cum % finer	Modes	Sample:			
								143			
									Percentiles		
									<i>phi</i>	<i>mm</i>	
1	0.0625	4.00	0.00	0.00	0.000	100.00			95	6.03	0.015
2	0.0442	4.50	0.00	0.00	0.000	100.00			84	6.19	0.014
3	0.0313	5.00	0.00	0.00	0.000	100.00			75	6.30	0.013
4	0.0221	5.50	0.00	0.00	0.000	100.00			50	6.57	0.011
5	0.0186	5.75	1.17	1.17	1.170	98.83			25	6.91	0.008
6	0.0156	6.00	3.10	1.93	1.930	96.90			16	7.08	0.007
7	0.0131	6.25	20.29	17.19	17.190	79.71			5	7.67	0.005
8	0.0110	6.50	44.20	23.91	23.910	55.80	mode at 6.38				
9	0.0093	6.75	65.17	20.97	20.970	34.83					
10	0.0078	7.00	80.67	15.50	15.500	19.33					
11	0.0066	7.25	90.94	10.27	10.270	9.06					
12	0.0055	7.50	93.61	2.67	2.670	6.39					
13	0.0046	7.75	95.61	2.00	2.000	4.39					
14	0.0039	8.00	98.70	3.09	3.090	1.30	mode at 7.88				
15	0.0033	8.25	99.86	1.16	1.160	0.14					
16	0.0028	8.50	100.00	0.14	0.140	0.00					
17	0.0023	8.75	100.00	0.00	0.000	0.00					
18	0.0020	9.00	100.00	0.00	0.000	0.00					
19	0.0016	9.25	100.00	0.00	0.000	0.00					
20	0.0014	9.50	100.00	0.00	0.000	0.00					
21	0.0012	9.75	100.00	0.00	0.000	0.00					
22	0.0010	10.00	100.00	0.00	0.000	0.00					
23	0.0008	10.25	100.00	0.00	0.000	0.00					
24	0.0007	10.50	100.00	0.00	0.000	0.00					
25	0.0006	10.75	100.00	0.00	0.000	0.00					
26	0.0005	11.00	100.00	0.00	0.000	0.00					
27	0.0004	11.25	100.00	0.00	0.000	0.00					
28	0.0003	11.50	100.00	0.00	0.000	0.00					
29	0.0003	11.75	100.00	0.00	0.000	0.00					

Stats from Moments		
	<i>phi</i>	<i>mm</i>
Mean	6.77	0.009
SD	0.48	
Skewness	0.88	
Kurtosis	3.91	

Folks' Graphic Stats		
	<i>phi</i>	<i>mm</i>
Mean (Mz)	6.61	0.010
Sorting (Sl)	0.47	
Skewness (SkI)	0.24	
Kurtosis (KG)	1.11	

30	0.0002	12.00	100.00	0.00	0.000	0.00
31	0.0002	12.25	100.00	0.00	0.000	0.00
32	0.0002	12.50	100.00	0.00	0.000	0.00
33	0.0001	12.75	100.00	0.00	0.000	0.00
34	0.0001	13.00	100.00	0.00	0.000	0.00
35	0.0001	13.25	100.00	0.00	0.000	0.00
36	0.0001	13.50	100.00	0.00	0.000	0.00
37	0.0001	13.75	100.00	0.00	0.000	0.00
38	0.0001	14.00	100.00	0.00	0.000	0.00
39	0.0001	14.25	100.00	0.00	0.000	0.00
40	0.0000	14.50	100.00	0.00	0.000	0.00
41	0.0000	14.75	100.00	0.00	0.000	0.00
42	0.0000	15.00	100.00	0.00	0.000	0.00
43	0.0000	15.25	100.00	0.00	0.000	0.00
44	0.0000	15.50	100.00	0.00	0.000	0.00
45	0.0000	15.75	100.00	0.00	0.000	0.00
46	0.0000	16.00	100.00	0.00	0.000	0.00
47	0.0000	16.25	100.00	0.00	0.000	0.00
48	0.0000	16.50	100.00	0.00	0.000	0.00
49	0.0000	16.75	100.00	0.00	0.000	0.00
50	0.0000	17.00	100.00	0.00	0.000	0.00
51	0.0000	17.25	100.00	0.00	0.000	0.00
Sums:		100	100	100.000		



Sample 161 cave infills Upper Steel

	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes
1	0.2500	2.00	0.00	0.00	0.000	100.00	
2	0.1768	2.50	0.00	0.00	0.000	100.00	
3	0.1250	3.00	0.00	0.00	0.000	100.00	
4	0.0884	3.50	0.11	0.11	0.110	99.89	
5	0.0743	3.75	0.23	0.12	0.120	99.77	
6	0.0625	4.00	0.37	0.14	0.140	99.63	
7	0.0526	4.25	0.55	0.18	0.180	99.45	
8	0.0442	4.50	0.82	0.27	0.270	99.18	
9	0.0372	4.75	1.27	0.45	0.450	98.73	
10	0.0313	5.00	1.94	0.67	0.670	98.06	
11	0.0263	5.25	3.01	1.07	1.070	96.99	
12	0.0221	5.50	4.64	1.63	1.630	95.36	
13	0.0186	5.75	6.67	2.03	2.030	93.33	
14	0.0156	6.00	9.29	2.62	2.620	90.71	
15	0.0131	6.25	24.76	15.47	15.472	75.24	
16	0.0110	6.50	45.58	20.82	20.822	54.42	mode at 6.38
17	0.0093	6.75	65.39	19.81	19.812	34.60	
18	0.0078	7.00	79.69	14.30	14.301	20.30	
19	0.0066	7.25	89.25	9.56	9.561	10.74	
20	0.0055	7.50	92.11	2.86	2.860	7.88	
21	0.0046	7.75	94.56	2.45	2.450	5.43	
22	0.0039	8.00	98.55	3.99	3.990	1.44	
23	0.0033	8.25	99.87	1.32	1.320	0.12	
24	0.0028	8.50	99.99	0.12	0.120	0.00	
25	0.0023	8.75	99.99	0.00	0.000	0.00	
26	0.0020	9.00	99.99	0.00	0.000	0.00	
27	0.0016	9.25	99.99	0.00	0.000	0.00	
28	0.0014	9.50	99.99	0.00	0.000	0.00	
29	0.0012	9.75	99.99	0.00	0.000	0.00	

Grainsize Statistics

Sample: 161

Percentiles

	phi	mm
95	5.54	0.021
84	6.11	0.014
75	6.25	0.013
50	6.56	0.011
25	6.92	0.008
16	7.11	0.007
5	7.78	0.005

Stats from Moments

	phi	mm
Mean	7.09	0.007
SD	0.76	
Skewness	-1.52	
Kurtosis	4.57	

Folks' Graphic Stats

	phi	mm
Mean (Mz)	6.59	0.010
Sorting (SI)	0.59	
Skewness (SkI)	0.10	
Kurtosis (KG)	1.38	

30	0.0010	10.00	99.99	0.00	0.000	0.00
31	0.0008	10.25	99.99	0.00	0.000	0.00
32	0.0007	10.50	99.99	0.00	0.000	0.00
33	0.0006	10.75	99.99	0.00	0.000	0.00
34	0.0005	11.00	99.99	0.00	0.000	0.00
35	0.0004	11.25	99.99	0.00	0.000	0.00
36	0.0003	11.50	99.99	0.00	0.000	0.00
37	0.0003	11.75	99.99	0.00	0.000	0.00
38	0.0002	12.00	99.99	0.00	0.000	0.00
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41	0.0001	12.75	99.99	0.00	0.000	0.00
42	0.0001	13.00	99.99	0.00	0.000	0.00
43	0.0001	13.25	99.99	0.00	0.000	0.00
44	0.0001	13.50	99.99	0.00	0.000	0.00
45	0.0001	13.75	99.99	0.00	0.000	0.00
46	0.0001	14.00	99.99	0.00	0.000	0.00
47	0.0001	14.25	99.99	0.00	0.000	0.00
48	0.0000	14.50	99.99	0.00	0.000	0.00
49	0.0000	14.75	99.99	0.00	0.000	0.00
50	0.0000	15.00	99.99	0.00	0.000	0.00
51	0.0000	15.25	99.99	0.00	0.000	0.00
<i>Sums:</i>			99.99	99.99	94.569	

