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Grain-Size Data from Four Cores from Walker Lake, Nevada

by

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[1]Reno, Nevada

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CONTENTS

ILLUSTRATIONS

TABLES

APPENDICES

Grain-Size Data from Four Cores from Walker Lake, Nevada

James C. Yount and Mary F. Quimby

Abstract

Grain size distributions were determined by photo-extinction methods for a total of 659 sediment samples taken from 4 cores retrieved from Walker Lake, Nevada. The sediments have textures ranging from very fine sand to clay with the average grain diameter for each core falling within silt sizes of 5.7 to 7.4 phi. The sediments exhibit better sorting with increasing mean grain diameter throughout the size range of 3.8 to 9 phi. The sediments also are positively skewed, reflecting the dominance of silt- and clay-sized material in the grain-size distribution.

The large number of samples to be analyzed in this study made the use of the photo-extinction method necessary because it is a relatively rapid way to determine grain size when compared to the traditional pipette method. A comparison of the photo-extinction method used (hydrophotometer) with the pipette method shows no significant difference between the two techniques in the determination of Folk and Ward (1957) graphic mean or first moment mean diameter. The photo-extinction method yielded significantly higher values for the ratio of silt to clay (ratio ≈1.3 units higher) than did pipetting, and statistics for skewness, kurtosis, and third moment also were significantly different for the two techniques.

Walker Lake Cores 84-8 and 85-2 both exhibit downward fining and decreases in their silt to clay ratios in the upper 12 m, perhaps reflecting the episode of receding lake levels that culminated in the present lowstand of Walker Lake. Radiocarbon dates of 4,730 ± 230 ybp and 4,710 ± 300 ybp from sediments near the base of Core 84-8 suggest that this lake level lowering is a mid to late Holocene phenomenon. Sediment in Core 85-2, deposited near the lake shore, is coarser than that in Cores 84-4, 84-5, and 84-8, located near the center of the lake. Core 85-2 also displays better sorting in some fine sand units thus reflecting higher energy processes in the nearshore environment than in the lake center.

Introduction

A number of cores, taken from within and near Walker Lake, Nevada (figure 1), are being studied by various investigators in order to evaluate the late-Pleistocene paleoclimate of the west-central Great Basin (Benson, 1987). In particular, the cores provide records that can be interpreted in terms of past climate and compared to proposed numerical models of the region's climate. All of these studies are being carried out as part of an evaluation of the regional paleoclimatic setting of a proposed high-level nuclear waste storage facility at Yucca Mountain, Nevada. Changes in past climate often manifest themselves in changes in sedimentary processes or in changes in the volume of sediment transported by those processes. One fundamental sediment property that can be related to depositional processes is grain size. Grain size affects other physical properties of sediment such as porosity and permeability which, in turn, affect the movement and chemistry of fluids. These properties are important factors in paleoclimatic studies that examine pore water composition, nature and concentration of organic matter, and sediment mass accumulation rates.

The purposes of this report are: (1) to document procedures of sample preparation and analysis, and (2) to summarize grain-size statistics for 659 samples from Walker Lake cores 84-4, 84-5, 84-8 and 85-2 (figure 2). In addition, plots of mean particle diameter, percent sand, and the ratio of silt to clay are illustrated for various depth intervals within each core. Summary plots of mean grain size, sorting, and skewness parameters allow comparison of textural data between each core.

Because of the large number of samples processed, a photo-extinction method (Simmons, 1959) utilizing a hydrophotometer was used rather than following conventional pipette techniques. The hydrophotometer is an instrument that records increasing intensity from a light beam passing through a column of sediment that is undergoing gravitational settling in water. A comparison between the hydrophotometer and pipette techniques is presented for a subset of Walker Lake samples, and an evaluation of the precision of the hydrophotometer used for this study is presented.

Acknowledgements

We would like to thank Mike Torresan at the U. S. Geological Survey Marine Geology Sedimentation Laboratory in Menlo Park for his advice about the hydrophotometer and Larry Benson, Doug Prose, and Brett Cox of the U.S. Geological Survey for helpful reviews of the report.

Core Collection

Benson (1987) summarized the history of coring operations in Walker Lake and the following details concerning the cores from which grain-size data has been obtained are taken from his report. The total lengths of Walker Lake Cores 84-4, 84-5, 84-8, and 85-2 are 148m, 147m, 11.8m, and 22.7m, respectively. Cores 84-4 and 84-5 were collected during the summer of 1984 by a barge-mounted wireline drilling rig. Core 84-4 was 3 inches in diameter; Core 84-5 was a 2-inch core. Significant fluidization and core disturbance were noted in Core 84-4, particularly in the following intervals measured from the top of the core: 19.8 to 20.2m, 21.3 to 22.3m, 37.5 to 37.6m, 42.7 to 43.3m, 45.7 to 46.4m, and 52.3 to 53.0m. Fluidization was rare in Core 84-5. Core 84-5 is located 7m south of Core 84-4 and was collected in order to fill in missing stratigraphic intervals lost during the recovery of Core 84-4.

Core 84-8 is a Livingstone piston core collected by J.P. Bradbury of the U.S. Geological Survey and Roger Anderson of the University of New Mexico, from the same barge as Cores 84-4 and 84-5. The coring tubes were manually driven into the sediment and retrieved by hand winch. Bradbury (1987) summarizes details of core collection and sampling.

An onshore wireline drilling rig was used to collect Core 85-2 during December of 1985. Artesian conditions were encountered at 23m and drilling was suspended. Approximately two-thirds of the 23m cored interval was recovered (Benson, 1987, figure 6), but the upper 3m was disturbed and may not retain stratigraphic coherence (L. Benson, written comm., 1988).

Laboratory Procedures

Moist to slightly dry, 1 to 2 gram samples were taken from various depths in all four cores. Preparation of samples for grain-size analysis followed standard procedures as described by Galehouse (1971). Specific details of sample preparation are summarized as follows: 1) sediment was treated with a 30% solution of hydrogen peroxide overnight to oxidize organic matter; 2) sediment was dispersed in approximately 200 milliliters of deionized water, boiled gently for 2 to 4 hours, rinsed in deionized water, and centrifuged; 3) sediment concentrate was wet-sieved with a 63 micron sieve and the sand fraction was dried, weighed, and bottled; 4) the less-than-63 micron fraction was dispersed in a 10% solution of sodium hexametaphosphate and the volume of the dispersed sample was brought to 1000 milliliters by adding deionized water; 5) the dispersed sample was stirred and two 20 milliliter aliquots were withdrawn; 6) the first aliquot was dried and weighed to give an estimate of total mud (silt + clay) content; 7) the second aliquot was introduced into the hydrophotometer for analysis of the grain size distribution of the less-than-63 micron fraction.

The hydrophotometer measures changes in water clarity (transmissivity) with time by continuously recording the intensity of a light source as it passes through a column of dispersed sediment undergoing gravitational settling. The resulting photoextinction record was converted to weight percents following the method described by Simmons (1959). The hydrophotometer employed in this study (Cimax Model TSS 8005-H)[1] produces a paper tape record of light transmission values and the calculated percent of material in each pre-selected size class. The samples were sized at 1/4 phi intervals in the size range 4 to 9 phi. Percentage of material smaller than 9 phi in size was determined by subtracting the cumulative 4 to 9 phi fraction from the total sample weight.

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[1]Use of tradenames in this report is for descriptive purposes only and does not imply endorsement by the U. S. Geological Survey.

Raw size class values were entered into a VAX[1] computer to derive standard grain-size statistics (table 1). The following grain-size listings were then stored using Lotus 123[1] spreadsheet software onto IBM PC[1] compatible floppy disks: percent sand, silt, and clay; silt to clay ratio; Folk and Ward graphical mean, median, sorting, skewness, and kurtosis; moment mean, variance, and standard deviation; 3rd and 4th moments; size class(es) containing three most prominent sediment modes as determined visually from plotted grain-size distributions.

Hydrophotometer Replication, and Comparison to Pipette Techniques

Tables 2 and 3 list results of ten duplicate hydrophotometer runs and compare nine samples analyzed with both the hydrophotometer and using conventional pipette methods. Pipette methods are those outlined by Folk (1968) and Galehouse (1971). The data are presented as paired measures of silt/clay ratio, the Folk and Ward (1957) graphical parameters, and the moment measures. Differences in each sample pair are calculated for each grain-size parameter, and the means (X_{diff}) and standard deviations (SD_{diff}) of those differences are determined. The t-test is used to test the hypothesis that the differences in means of the paired measurements is zero (Dixon and Massey, 1969, p. 95-100). Starred values of t in tables 2 and 3 indicate that the mean of the sample-pair differences for that particular grain-size parameter deviates significantly from zero at the 0.05 probability level.

For replicate hydrophotometer runs (table 2), Folk and Ward skewness and the second moment measure (standard deviation) fail the t-test at the 0.05 level. Graphic parameters, such as the Folk and Ward parameters, do not utilize data from the finest (or coarsest) 5% of the grain-size distribution. Samples containing large quantities of fine material may give erratic values of Folk and Ward skewness and kurtosis, particularly if the grain-size distribution deviates significantly from normal (Swan and others, 1978). The samples being compared here are poorly (So = 1.194) to very poorly (So = 2.366) sorted (Folk, 1968) and fine-skewed (Sk = 0.184) to strongly fine-skewed (Sk = 0.510) (Folk, 1968). Irreproducibility of a graphical parameter, such as skewness, is expected for sediment of this type, no matter what grain-size measurement technique is employed, because the graphical parameters do not utilize data from the finest 5% of the grain-size distribution.

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Moment measures, especially the third (skewness) and fourth (kurtosis) moments yield more reliable results than do graphical parameters for synthetic grain-size distributions (Swan and others, 1979). However, Folk (1966), in evaluating differences between graphical parameters and moment measures as applied to a sand with a normal distribution, concluded that the moment measures gave inaccurate results. As pointed out by Swan and others (1979), Folk was unable to evaluate the performance of moment measures versus graphical parameters for samples with non-normal distributions. Our inability to reproduce the second moment (sorting) on the hydrophotometer was most likely due to non-normality of the sediment distributions that we were testing.

Comparison of hydrophotometer and pipette results (table 3) shows four measures (silt/clay ratio, Folk and Ward skewness and kurtosis, and the third moment measure) that fail the t-test at the 0.05 probability level. The same problems discussed previously for non-normal sediment distributions and the resulting grain-size statistics apply here to Folk and Ward skewness and kurtosis parameters and to the third moment measure. Namely, the graphical parameters ignore the effects of significant material in the tails of the grain-size distribution, and the higher moment statistics magnify small differences between samples because they are derived as powers of the lower moments. The silt/clay ratio is consistently higher when determined by hydrophotometer as compared with pipette results (table 3), with a mean difference of ≈1.3 between the two techniques. The irreproducibility of the silt/clay ratio is most likely due to the mean grain-size diameter of the tested samples being so close to the silt-clay size boundary (9 phi). A small shift in the amount of material falling on either side of the silt-clay boundary results in large changes in the ratios of silt to clay.

These results are similar to some of the findings of Torresan (1987) who performed a detailed review of hydrophotometer and pipette methods as applied to fine-grained sediments. Numerous replicates of the same sample were analyzed by both methods in Torresan's study and comparisons of individual size classes (1/2 phi intervals) showed systematic differences between the two methods. Sediment is coarser by an average of 0.8 phi units (Torresan, 1987, p. 12 and table 4) when measured with the hydrophotometer as compared with pipetting. In addition, the size distributions determined by hydrophotometer contain more silt at the expense of clay than do the distributions determined by pipette. Considering the general acceptance of pipette methods for the determination of grain-size distributions in fine-grained sediments (Blatt and others, 1980) it is best to follow Torresan's advice and view the hydrophotometer results as general quick indicators of grain-size trends, but to be cautious in the use of the data where unequivocal grain diameter measures are required.

Results

Appendices A through D present class percent, modal sizes, graphic statistics, and moment statistics, as well as plots of downcore variations of percent sand, silt to clay ratio, Folk and Ward median diameter, and first moment mean diameter for Cores 84-4, 84-5, 84-8 and 85-2. In general, Cores 84-4, 84-5, and 84-8 are composed of fine-grained silt. The cores have similar grain-size distributions, with mean grain diameters of 7.35 phi, 7.43 phi, and 7.44 phi respectively (figure 3 A, B, and C). Core 85-2 is composed of coarse- to medium-grained silt (mean diameter = 5.72 phi) that is distinctly bimodal with peaks in the size distribution near 4.5 phi and 6.5 phi (figure 3 D). This coarser size is consistent with Core 85-2's lake margin location, reflecting higher energy processes and smaller contributions from suspended loads than are present near the lake center.

The sediment from all cores exhibits better sorting in the coarser sizes (figure 4), with some very fine sand samples (≈4 phi) in Core 85-2 being very well-sorted (figure 4 D). Again, this could reflect processes acting in a nearshore environment. All cores show moderate positive skewness (figure 5), as defined by Folk (1968), indicating an abundance of material in the fine tail of the size distribution. High concentrations of clay in the sediment result from a lack of winnowing, a condition that is common in the lacustrine environment (Blatt and others, 1980, p. 73).

Both Cores 84-8 and 85-2 show patterns of decreasing grain size and decreasing silt to clay ratios with depth in their upper 12 meters (figures 6 and 7). Sand content fluctuates a great deal in Core 85-2, but a general decreasing trend with depth is apparent in the upper 12 meters of the core (figure 8). These trends may indicate deeper water conditions in the past with a gradual lowering in lake level during the time in which the last 12 meters of sediment accumulated. Radiocarbon ages of 4,730 ± 230 years for the organic fraction of sediment and 4,710 ± 230 years for the inorganic fraction have been obtained from the depth interval 10.9 to 11.15 meters in Core 84-8 (Benson, 1987, table 2). Therefore, it would seem that the recession of Walker Lake reflected by grain-size trends in Core 84-8 was a mid to late Holocene phenomenon. Although direct lithostratigraphic continuity has not been established between cores 84-8 and 85-2, the observed coarsening upward in the top 12 meters of Core 85-2 could also reflect recent lake level lowering and accompanying shoreline regression at that site.

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Figure Captions

FIGURE 1. Walker Lake and the Walker River Drainage Basin (modified from Benson, 1987, fig 2.)

2. Locations of cores studied (modified from Benson, 1987, fig. 3)

3. Histograms of first moment (mean diameter) for all samples within a core
   A. Walker Lake Core 84-4
   B. Walker Lake Core 84-5
   C. Walker Lake Core 84-8
   D. Walker Lake Core 85-2

4. Plots of first moment (mean diameter) versus second moment (variance) for all samples within a core
   A. Walker Lake Core 84-4
   B. Walker Lake Core 84-5
   C. Walker Lake Core 84-8
   D. Walker Lake Core 85-2

5. Plots of third moment (skewness) versus second moment (variance) for all samples within a core
   A. Walker Lake Core 84-4
   B. Walker Lake Core 84-5
   C. Walker Lake Core 84-8
   D. Walker Lake Core 85-2

6. Downcore variation in first moment (mean diameter) in Walker Lake Cores 85-2 and 84-8

7. Downcore variation in the ratio of silt to clay in Walker Lake Cores 85-2 and 84-8

8. Downcore variation in percent sand content in Walker Lake Cores 85-2 and 84-8

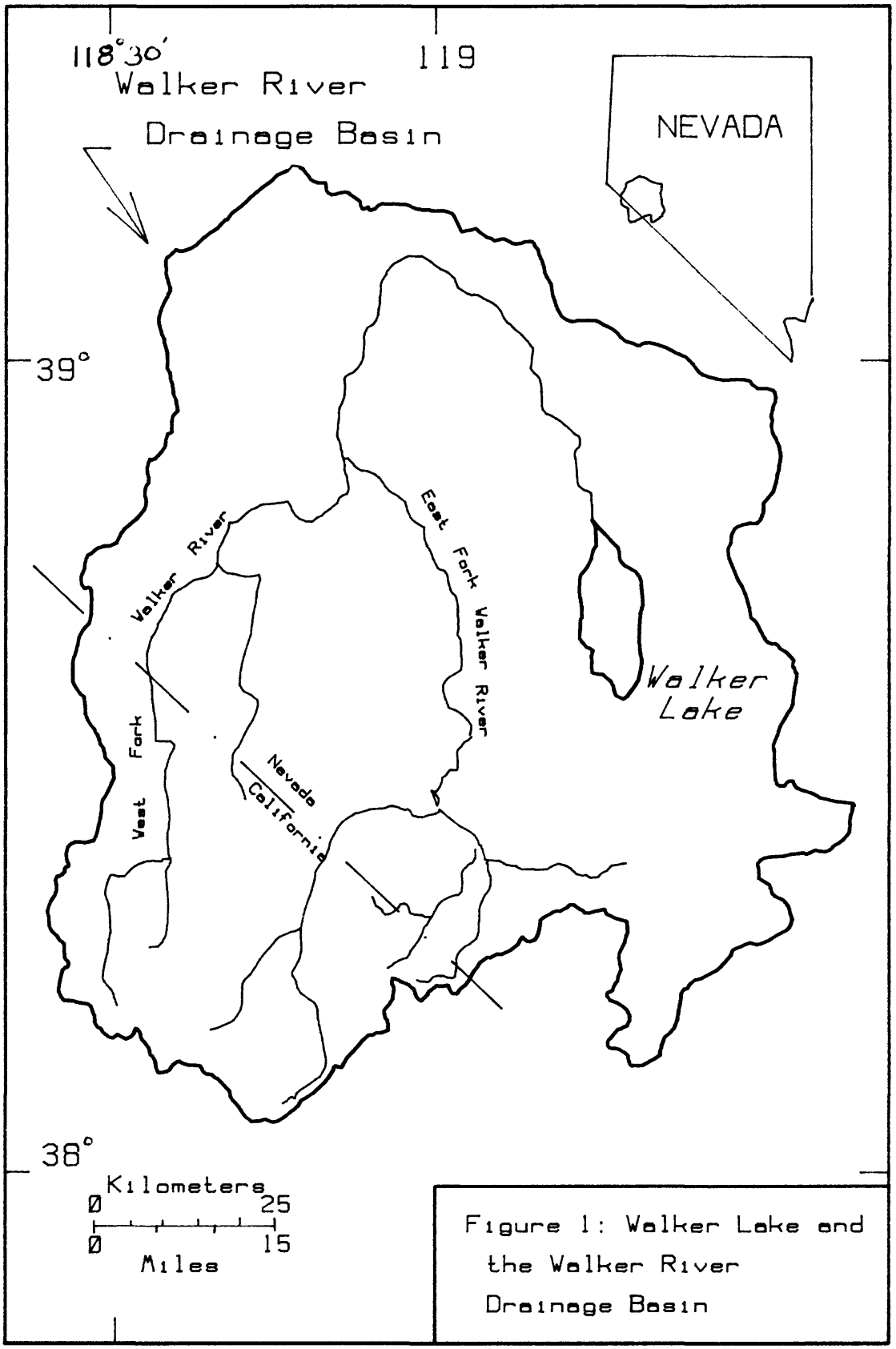


Figure 1: Walker Lake and the Walker River Drainage Basin

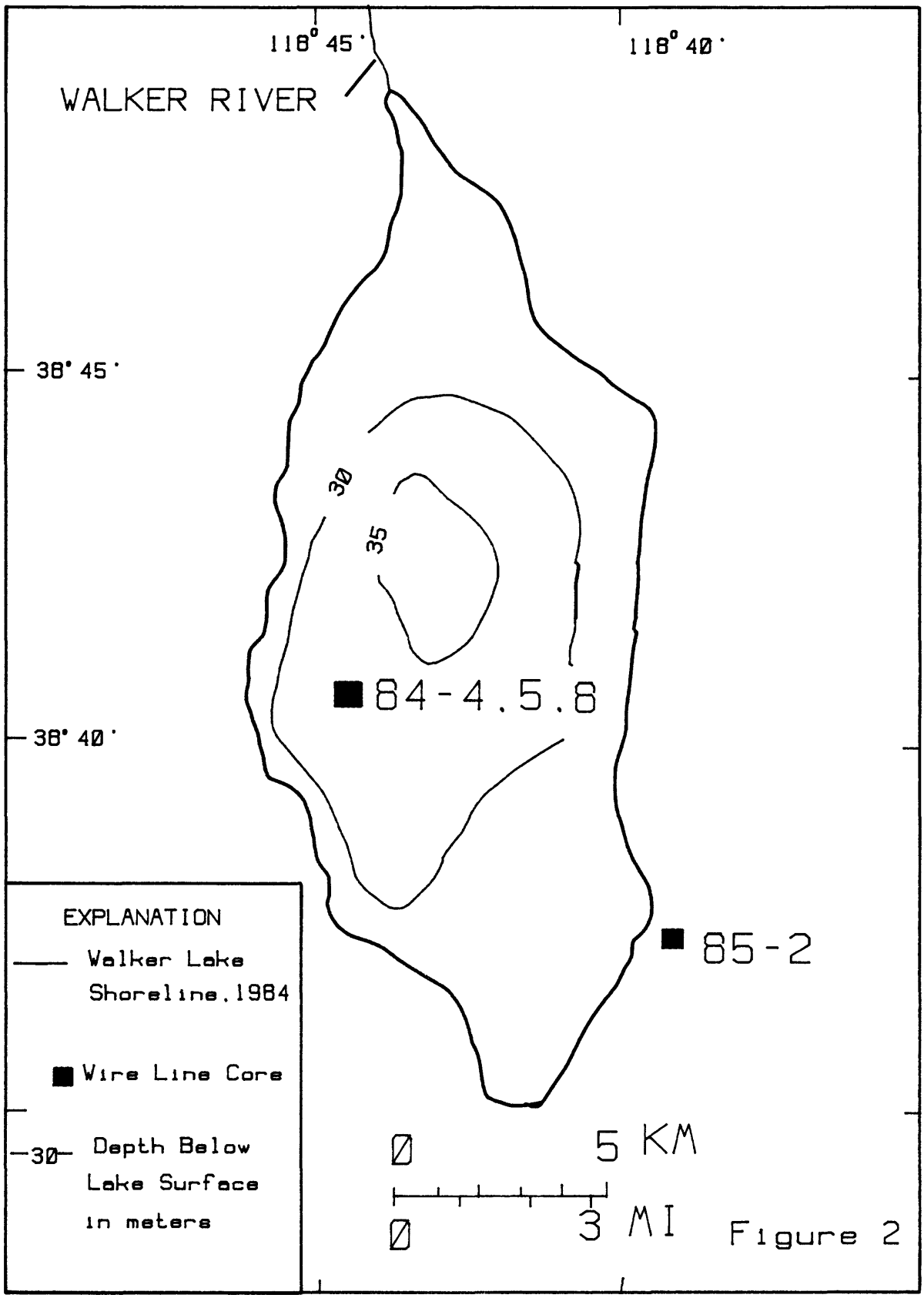

118° 45'
118° 40'
WALKER RIVER
38° 45'
38° 40'
30
35
84-4.5.8
85-2
EXPLANATION
Walker Lake Shoreline, 1984
Wire Line Core
30 Depth Below Lake Surface in meters
0 5 KM
0 3 MI

Figure 2

FIGURE 3

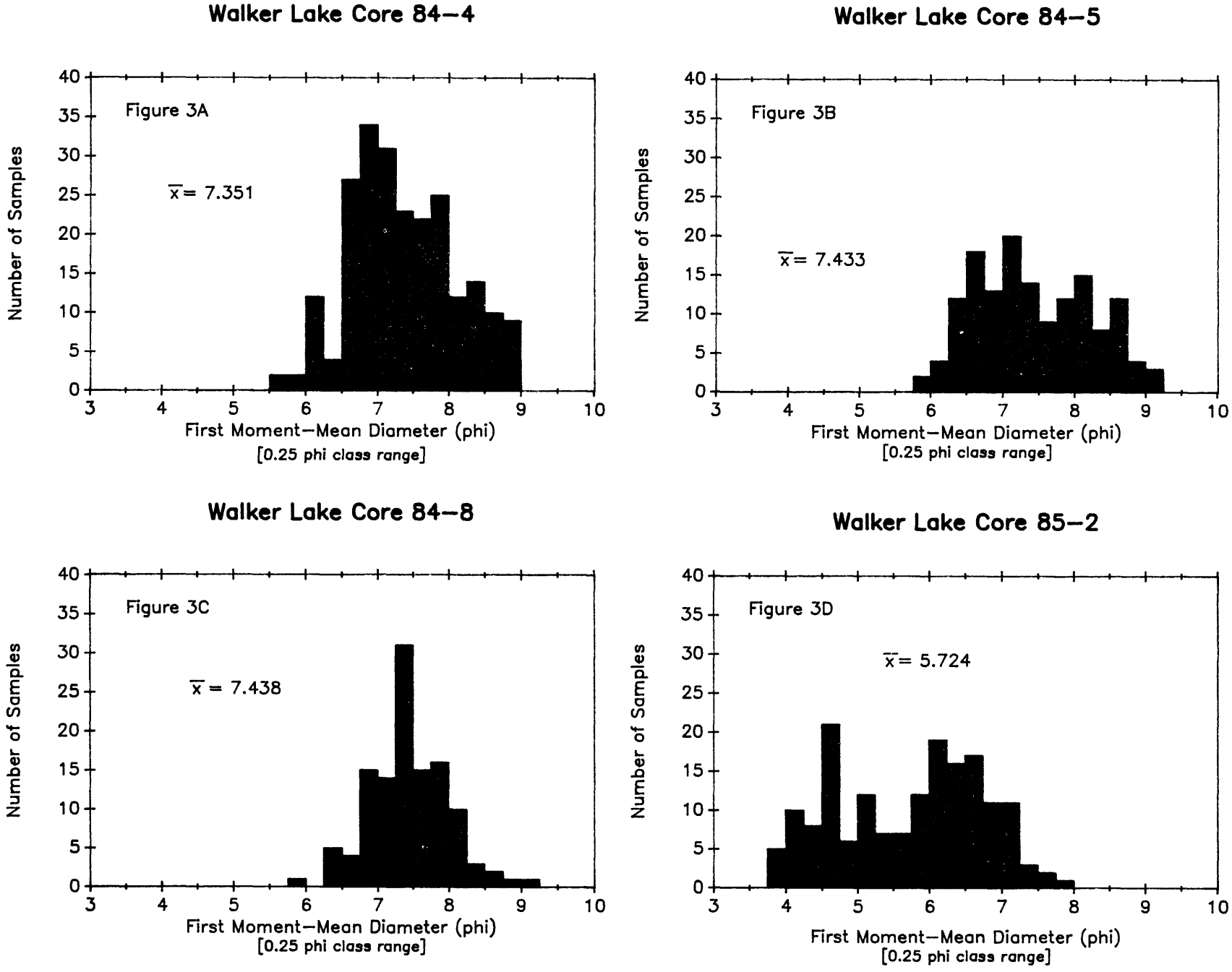

Walker Lake Core 84–4
Figure 3A
$\bar{x}$ = 7.351
Walker Lake Core 84–5
Figure 3B
$\bar{x}$ = 7.433
Walker Lake Core 84–8
Figure 3C
$\bar{x}$ = 7.438
Walker Lake Core 85–2
Figure 3D
$\bar{x}$ = 5.724
Number of Samples
First Moment–Mean Diameter (phi)
[0.25 phi class range]

FIGURE 4

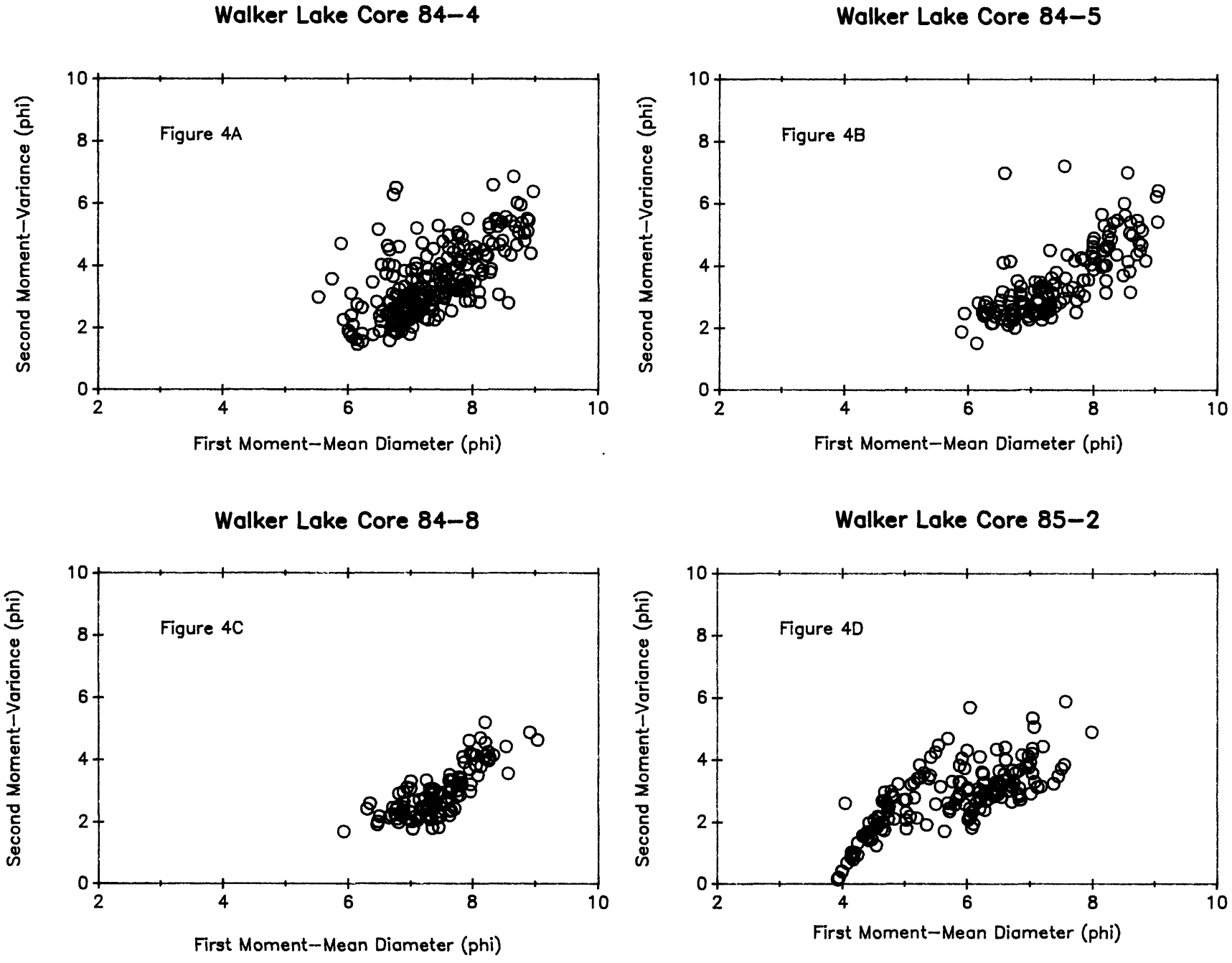
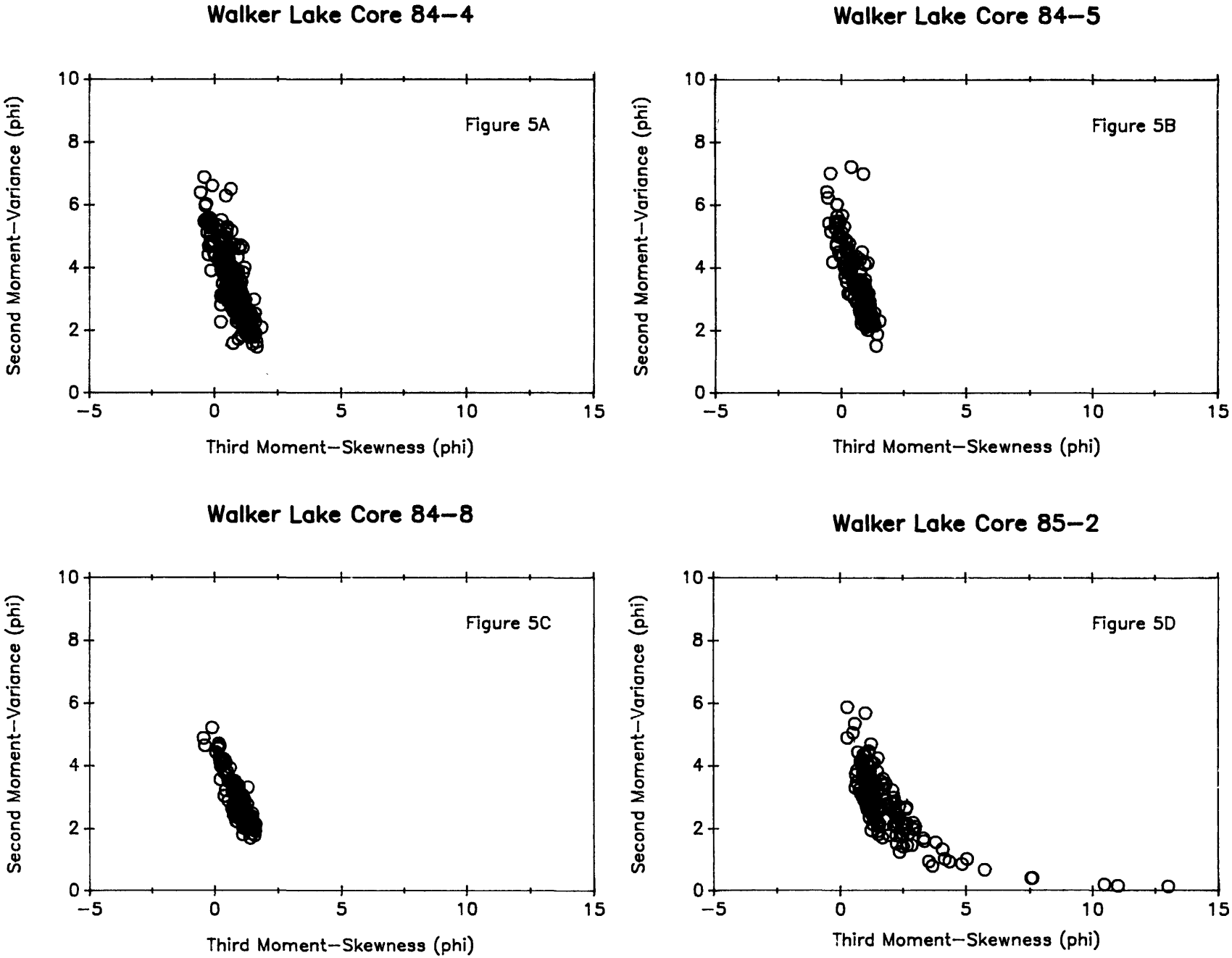
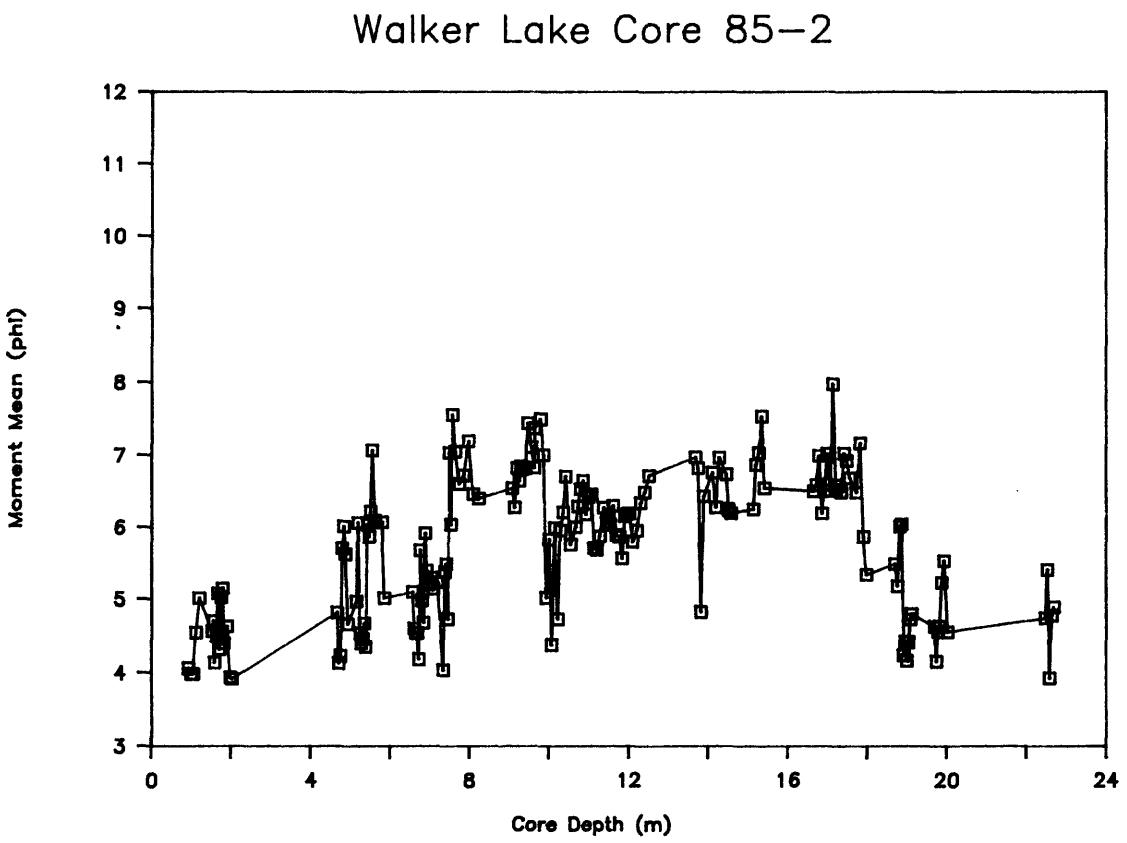

Walker Lake Core 84–4
Figure 4A
Second Moment–Variance (phi)
First Moment–Mean Diameter (phi)
Walker Lake Core 84–5
Figure 4B
Second Moment–Variance (phi)
First Moment–Mean Diameter (phi)
Walker Lake Core 84–8
Figure 4C
Second Moment–Variance (phi)
First Moment–Mean Diameter (phi)
Walker Lake Core 85–2
Figure 4D
Second Moment–Variance (phi)
First Moment–Mean Diameter (phi)

FIGURE 5


Walker Lake Core 84–4
Figure 5A
Second Moment–Variance (phi)
Third Moment–Skewness (phi)
Walker Lake Core 84–5
Figure 5B
Second Moment–Variance (phi)
Third Moment–Skewness (phi)
Walker Lake Core 84–8
Figure 5C
Second Moment–Variance (phi)
Third Moment–Skewness (phi)
Walker Lake Core 85–2
Figure 5D
Second Moment–Variance (phi)
Third Moment–Skewness (phi)


Walker Lake Core 85–2
Moment Mean (phi)
12
11
10
9
8
7
6
5
4
3
0
4
8
12
16
20
24
Core Depth (m)

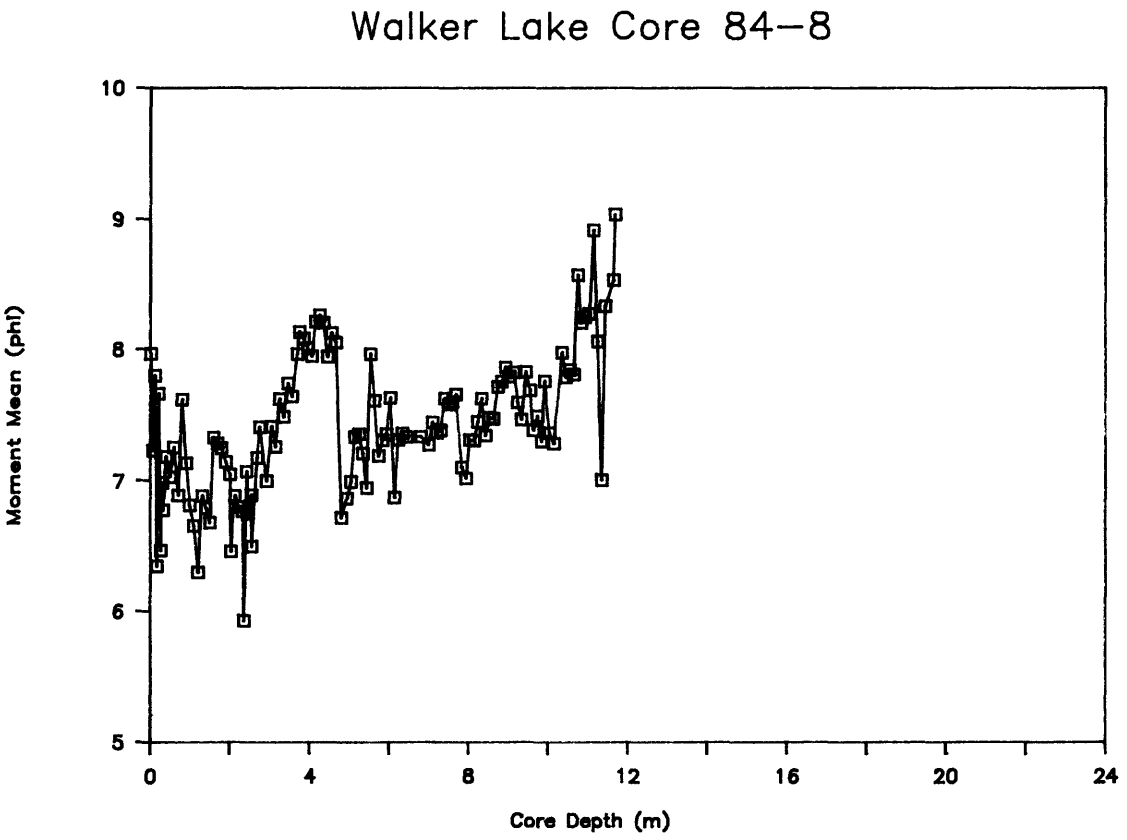
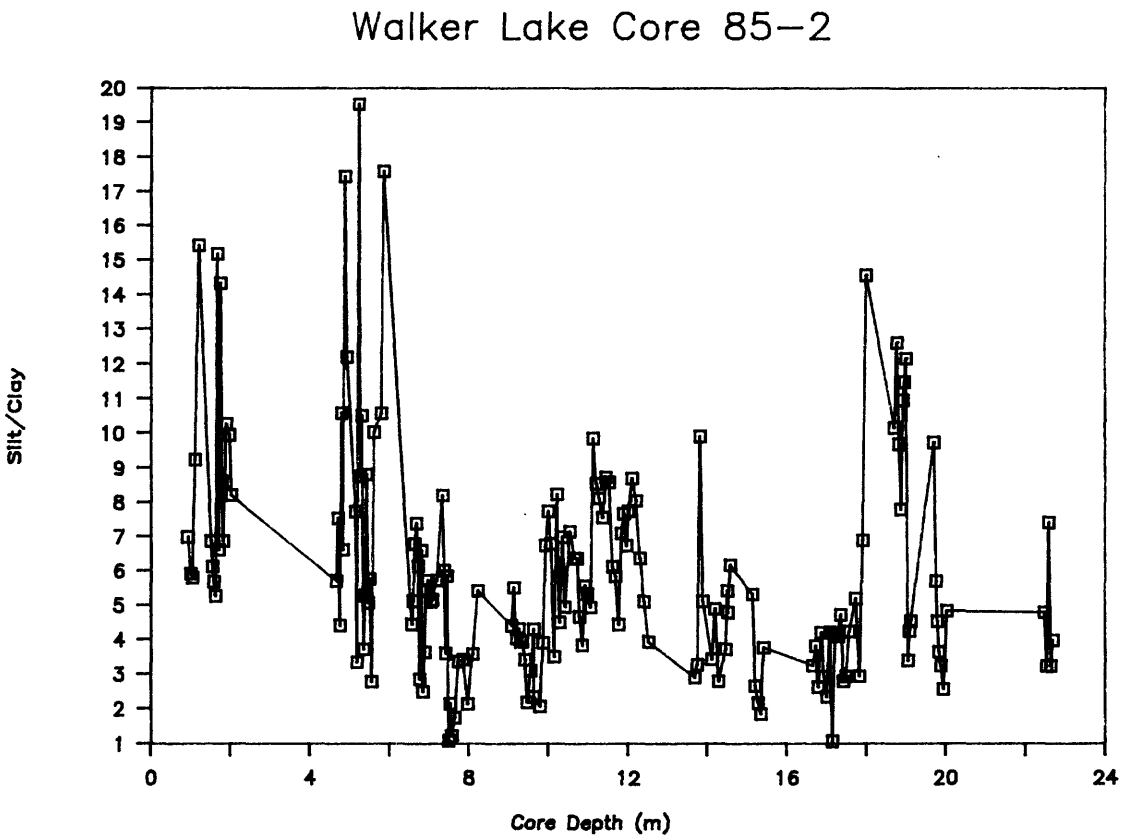

Walker Lake Core 84–8
Moment Mean (phi)
10
9
8
7
6
5
0
4
8
12
16
20
24
Core Depth (m)

FIGURE 6


Walker Lake Core 85–2
Silt/Clay
Core Depth (m)
0
4
8
12
16
20
24
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

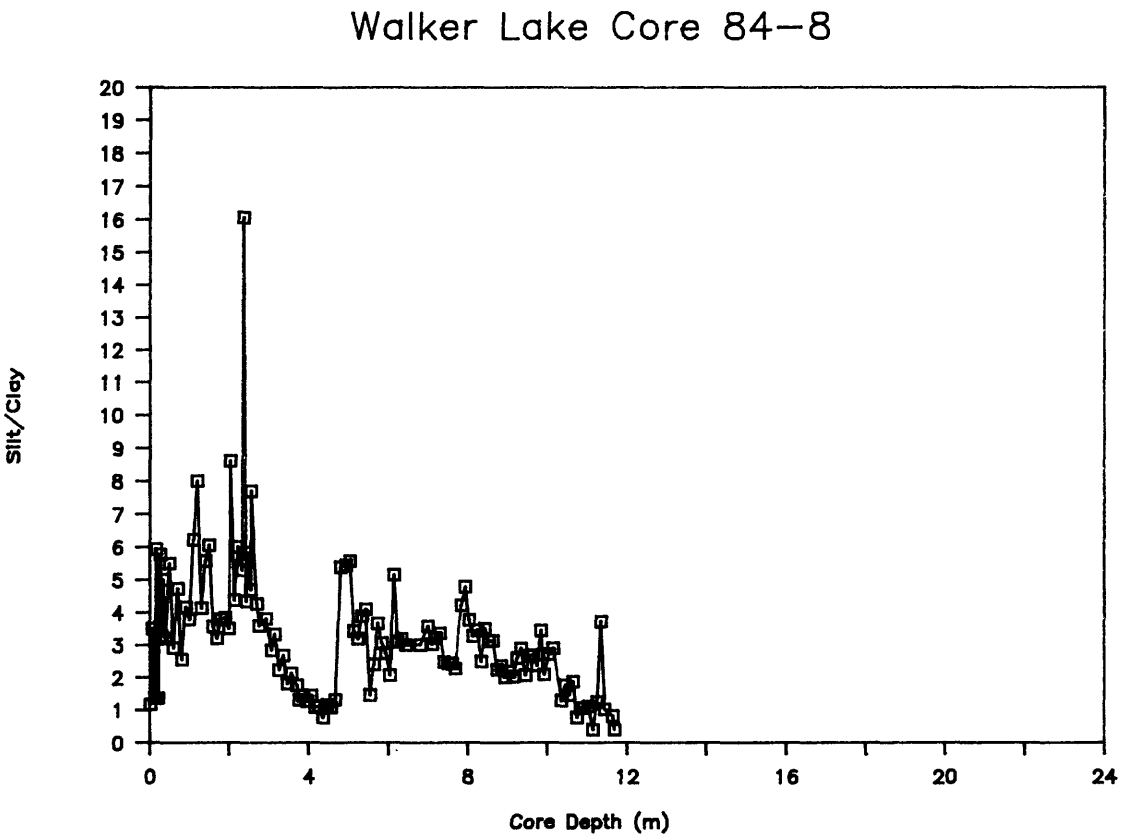
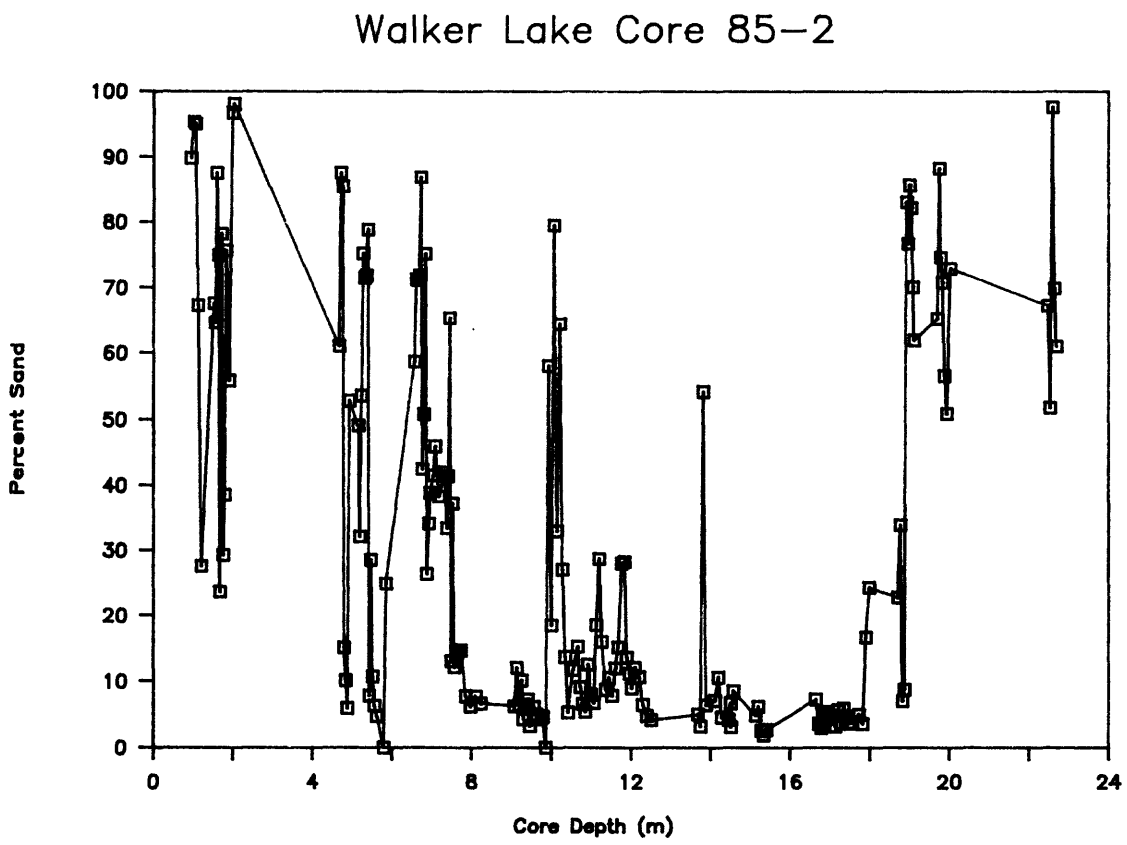

Walker Lake Core 84–8
Silt/Clay
Core Depth (m)
0
4
8
12
16
20
24
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

FIGURE 7


Walker Lake Core 85–2
Percent Sand
Core Depth (m)
0
10
20
30
40
50
60
70
80
90
100
0
4
8
12
16
20
24

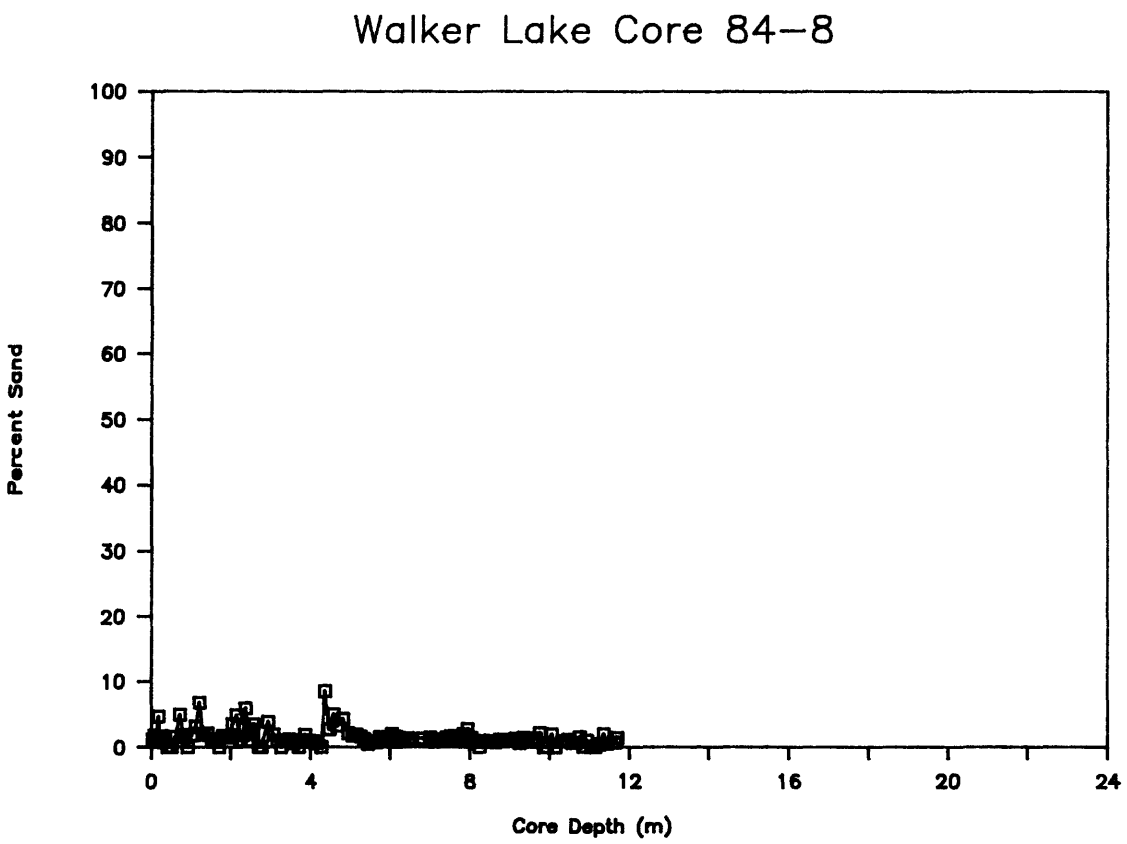

Walker Lake Core 84–8
Percent Sand
Core Depth (m)
0
10
20
30
40
50
60
70
80
90
100
0
4
8
12
16
20
24

FIGURE 8

TABLE 1

Grain-size Statistics Derived From
Size Class Values

I. Size Class Ratios

% Sand	Sand/Silt
% Silt	Silt/Clay
% Clay	Sand/Clay
% Mud (Silt + Clay)	Sand/Mud

II. Graphical Statistics[1]

Folk and Ward	Inman	Trask
Median	Median	Median
Mean	Mean	Mean
Sorting	Sorting	Sorting
Skewness	Skewness(16/84)[2]	Skewness
Kurtosis	Skewness (5/95)[3]	Kurtosis
	Kurtosis	

III. Moment Measures[4]

1st, 2nd, 3rd, and 4th

IV. Size classes containing the most prominent modes in multimodal samples, determined visually from inspection of the grain-size distribution plots

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[1]See Folk and Ward, 1957, Inman, 1952, and Trask, 1932, for derivations and definitions of graphical statistics. Although not presented in this report, the Inman and Trask statistics were derived for all samples. This data is available from the first author, if desired.

[2]Based on 16th and 84th percentiles

[3]Based on 5th and 95th percentiles

[4]See Blatt and others, 1980, and Friedman and Sanders, 1978, for descriptions of the moment measures of the grain-size distribution.

TABLE 3
Comparison of Hydrophotometer and Pipette Results
Walker Lake Core 84-8
(* indicates a significant difference between means of hydrometer and pipette results at a probability level of 0.05)

	Silt/Clay		Folk & Ward							
			Median		Sorting		Skewness		Kurtosis	
Sample[1]	H[2]	P[2]	H	P	H	P	H	P	H	P
1A-0	1.179	0.674	7.834	8.406	1.599	1.303	-0.022	-0.714	1.594	0.765
1B-80	2.566	0.366	7.215	8.646	1.651	1.351	0.296	-0.838	2.080	1.536
1B-190	3.847	1.140	6.818	7.488	1.374	1.244	0.243	-0.123	1.305	0.630
2A-70	2.840	0.932	7.060	8.136	1.257	1.355	0.383	-0.562	1.166	0.713
2B-210	1.175	0.345	7.762	8.613	2.014	1.218	0.038	-0.804	1.624	1.228
3C-170	3.062	2.099	6.825	5.880	1.485	1.870	0.390	0.249	1.440	0.439
5-0	4.233	3.522	6.876	4.464	1.075	1.849	0.236	0.837	0.980	0.595
7-50	2.671	0.582	7.157	8.528	1.575	1.314	0.415	-0.779	1.717	0.649
9-10	0.394	0.250	8.591	8.656	2.127	0.522	0.171	-0.581	1.942	1.646
$\bar{X}_{diff}$[3]	1.310		-0.298		0.237		0.607		0.628	
SD_{diff}[4]	0.822		1.179		0.644		0.532		0.266	
t[5]	4.781*		-0.757		1.103		3.419*		7.080*	

	Moments							
	First		Second		Third		Fourth	
Sample	H	P	H	P	H	P	H	P
1A-0	7.968	7.680	1.790	1.350	0.427	-1.061	3.248	2.881
1B-80	7.618	7.966	1.823	1.385	0.856	-1.602	3.637	4.316
1B-190	7.142	7.490	1.644	1.311	1.176	-0.649	4.639	2.449
2A-70	7.412	7.574	1.612	1.373	1.083	-0.811	4.576	2.457
2B-210	7.943	7.957	2.147	1.350	0.199	-1.643	2.539	4.536
3C-170	7.308	6.225	1.743	1.945	1.094	0.232	4.132	1.319
5-0	7.101	5.780	1.430	1.868	1.151	0.612	5.697	1.654
7-50	7.687	7.587	1.830	1.390	0.954	-0.728	3.488	2.205
9-10	8.915	8.427	2.208	0.654	-0.445	-2.681	2.621	11.943
$\bar{X}_{diff}$	0.268		0.400		1.647		0.091	
SD_{diff}	0.565		0.536		0.578		3.751	
t	1.421		2.237		8.554*		0.073	

[1]Sample number consists of segment number (e.g. 1A) and the top of the depth interval (cm) in that segment (e.g. 0) that the sample comes from.

[2]H= hydrophotometer; P= pipette

[3]$\bar{X}_{diff}$ is the mean of the differences between each pair of hydrophotometer and pipette samples, with $\bar{X}_{diff}$ = hydrophotometer sample - pipette sample

[4]SD_{diff} is the standard deviation of the differences between hydrophotometer and pipette samples

[5]t is the test statistic used to determine if a significant difference exists between hydrophotometer and pipette samples and is defined as:

$$t = \frac{\bar{X}_{diff}}{SD_{diff} \cdot \sqrt{N}}$$

where N = number of sample pairs. For N-1 degrees of freedom (8), the critical value for t at the 0.05 confidence limit is t = ±2.306. See Dixon and Massey, 1969, p. 95-100, for a discussion of testing differences between means.

TABLE 2
Comparison of Hydrophotometer Replicates
Walker Lake Core 84-8
(* indicates a significant difference between means of replicate samples at a probability level of 0.05)

	Silt/Clay		Folk & Ward							
			Median		Sorting		Skewness		Kurtosis	
Sample	1	2	1	2	1	2	1	2	1	2
3B-130[1]	4.115	1.238	6.696	7.738	1.475	2.357	0.226	0.465	1.667	1.382
3B-140	1.461	1.238	7.646	7.732	1.865	2.366	0.184	0.460	1.745	1.402
3B-150	2.416	3.098	7.195	6.948	1.498	1.463	0.310	0.510	1.572	1.519
3C-160	3.675	4.737	6.805	6.623	1.198	1.218	0.403	0.458	1.221	1.316
3C-170	3.062	2.789	6.825	6.910	1.484	1.540	0.390	0.431	1.440	1.435
3C-180	2.748	2.801	6.962	6.989	1.394	1.467	0.377	0.441	1.129	1.272
3C-190	2.080	1.965	7.237	7.247	1.683	1.829	0.228	0.267	1.384	1.555
3C-200	5.165	5.105	6.497	6.572	1.194	1.226	0.381	0.428	1.174	1.369
3C-210	3.102	3.124	6.916	6.898	1.425	1.471	0.358	0.501	1.275	1.333
3C-220	3.200	3.486	6.958	6.854	1.341	1.380	0.367	0.483	1.364	1.482
$\bar{X}_{diff}$[2]	0.144		-0.077		-0.176		-0.122		-0.010	
SD_{diff}[3]	0.994		0.339		0.275		0.084		0.177	
t[4]	0.459		-0.719		-2.025		-4.587*		-0.171	

	Moments							
	First		Second		Third		Fourth	
Sample	1	2	1	2	1	2	1	2
3B-130	6.943	8.388	1.760	2.097	0.864	0.353	4.263	2.125
3B-140	7.965	8.373	2.051	2.110	0.349	0.337	2.702	2.148
3B-150	7.609	7.499	1.730	1.804	0.949	1.112	3.866	3.806
3C-160	7.189	7.054	1.537	1.578	1.229	1.498	5.213	5.463
3C-170	7.308	7.452	1.745	1.793	1.094	1.090	4.132	3.777
3C-180	7.356	7.464	1.699	1.766	1.068	1.066	4.101	3.807
3C-190	7.632	7.677	1.873	2.029	0.787	0.600	3.251	2.872
3C-200	6.871	6.967	1.540	1.600	1.474	1.522	5.698	5.486
3C-210	7.310	7.441	1.715	1.778	1.103	1.249	4.192	3.862
3C-220	7.363	7.338	1.628	1.690	1.156	1.259	4.567	4.448
$\bar{X}_{diff}$	-0.211		-0.097		-0.001		0.419	
SD_{diff}	0.436		0.086		0.207		0.609	
t	-1.526		-3.567*		-0.011		2.174	

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[1]Sample number consists of segment number (e.g. 3B) and the top of the depth interval (cm) in that segment (e.g. 0) that the sample comes from.

[2]$\bar{X}_{diff}$ is the mean of the differences between each replicate pair, with X_{diff} = replicate 1 - replicate 2

[3]SD_{diff} is the standard deviation of the differences in replicates

[4]t is the test statistic used to determine if a significant difference exists between replicate 1 and replicate 2 and is defined as:

$$t = \frac{\bar{X}_{diff}}{SD_{diff} \cdot \sqrt{N}}$$

where N = number of sample pairs. For N-1 degrees of freedom (9), the critical value for t at the 0.05 confidence limit is t = ±2.262. See Dixon and Massey, 1969, p. 95-100, for a discussion of testing differences between means.

Appendix A-1

Walker Lake Core 84-4
Class Percents And Principal Size Modes

Seq.No.	TopInt.	Btm.Int.	Depth	%snd	%slt	%cly	slt/cly	Mode1	Mode2	Mode3
2	0.48	0.61	3.590	0.972	78.004	21.024	3.710	6.00	7.00	6.50
2	1.16	1.26	4.260	1.336	84.377	14.287	5.906	6.00	7.50	8.50
2	1.53	1.63	4.630	1.874	82.897	15.229	5.443	6.00	7.75	8.25
2	1.99	2.01	5.050	1.525	71.286	27.189	2.622	6.25	7.50	8.75
2	2.39	2.55	5.510	1.775	85.829	12.396	6.924	6.00	4.25	
2	2.98	2.99	6.030	3.118	88.638	8.245	10.751	5.50	4.00	8.75
3	0.63	0.77	6.800	1.138	80.908	17.953	4.507	6.00	6.50	8.75
3	0.98	0.99	7.080	1.329	91.596	7.075	12.947	5.75	4.25	8.25
3	1.37	1.47	7.520	5.529	77.580	16.891	4.593	6.00	6.50	8.75
3	1.62	1.74	7.770	0.000	82.190	17.810	4.615	6.00	6.75	7.50
3	1.97	1.98	8.070	1.133	84.679	14.187	5.969	6.00	6.75	8.75
3	2.35	2.47	8.510	1.214	81.113	17.673	4.590	6.00	7.50	
3	2.62	2.75	8.790	2.131	80.213	17.656	4.543	6.00	6.50	7.25
3	2.97	2.98	9.070	1.839	87.579	10.582	8.276	5.75		
4	1.02	1.03	10.160	2.709	89.060	8.231	10.820	5.50	8.25	
4	0.44	0.54	10.710	1.823	80.250	17.927	4.476	6.25		
4	1.96	1.97	11.100	0.000	55.350	44.650	1.240	7.50	8.75	4.50
4	0.92	1.02	11.190	4.062	80.732	15.206	5.309	6.00	6.75	4.75
4	1.38	1.48	11.650	1.382	81.360	17.258	4.714	6.25	7.75	8.25
4	2.86	2.87	12.000	5.334	69.286	25.380	2.730	6.25	4.00	8.75
4	2.01	2.04	12.250	0.927	66.042	33.031	1.999	8.00	6.25	8.75
4	2.68	2.73	12.930	0.997	80.826	18.177	4.447	6.00	6.50	8.00
5	2.24	2.25	13.330	5.375	72.880	21.745	3.352	6.75	6.00	4.00
5	2.37	2.49	13.520	0.688	76.540	22.772	3.361	6.50	7.25	8.00
5	3.05	3.06	14.140	1.442	76.471	22.087	3.462	7.75	6.25	8.75
7	0.99	1.01	15.540	0.522	57.449	42.030	1.367	8.00	8.75	7.00
7	0.86	0.91	15.650	0.000	41.360	58.640	0.705	8.50	7.75	7.25
7	1.28	1.33	15.850	1.777	53.640	44.584	1.203	6.00	8.25	6.75
7	1.89	1.91	16.440	0.000	66.400	33.600	1.976	8.00	8.75	6.50
7	2.21	2.26	16.770	0.000	72.400	27.600	2.623	6.75	7.50	8.50
7	2.79	2.81	17.340	0.000	54.050	45.950	1.176	8.75	7.25	4.25
7	2.83	2.87	17.410	0.000	60.870	39.130	1.556	7.50	8.75	
8	1.49	1.59	19.780	0.000	62.520	37.480	1.668	7.00	7.50	8.50
8	1.95	1.96	20.240	0.164	72.161	27.674	2.608	6.00	8.00	7.25
8	2.23	2.29	20.500	0.000	64.020	35.980	1.779	6.50	7.00	8.50
8	2.56	2.62	20.830	0.000	59.240	40.760	1.453	7.75	8.25	8.75
8	2.89	2.91	21.190	2.045	89.413	8.542	10.468	5.25	4.25	7.75
8	2.93	2.98	21.200	1.641	89.241	9.118	9.787	5.75	5.00	
9	1.39	1.47	21.440	0.000	62.200	37.800	1.646	6.50	7.25	4.50
9	1.72	1.81	21.770	0.000	61.410	38.590	1.591	7.50	8.75	
9	2.39	2.41	22.410	0.000	66.130	33.870	1.952	6.25	4.25	5.75
9	2.74	2.83	22.800	0.000	57.280	42.720	1.341	7.50	8.50	5.00
10	0.28	0.36	23.170	1.225	90.369	8.406	10.751	4.25	5.50	
10A	0.89	0.91	23.760	0.460	68.205	31.335	2.177	7.00	6.00	8.50
10	1.24	1.31	24.130	1.365	67.733	30.902	2.192	7.50	6.25	8.75
10B	1.81	1.82	24.670	22.731	68.530	8.739	7.842	5.25		
10	2.17	2.23	25.050	36.233	47.175	16.592	2.843	5.75	4.75	6.75
10B	2.65	2.66	25.510	32.090	38.974	28.937	1.347	7.00	7.75	6.25
10	2.68	2.72	25.550	12.293	70.122	17.585	3.988	4.75	6.25	6.75
10	2.86	2.95	25.760	1.716	66.204	32.080	2.064	6.50	7.25	8.75
11	0.19	0.26	26.130	12.394	86.167	11.439	7.532	4.50	6.00	5.00
11	0.91	0.92	26.810	33.362	54.983	11.655	4.718	6.00	4.75	
11	1.31	1.37	27.240	17.866	61.174	20.961	2.918	6.50	6.00	8.25

Walker Lake Core 84-4
Class Percents And Principal Size Modes

Seq.No.	TopInt.	Btm.Int.	Depth	%snd	%slt	%cly	slt/cly	Mode1	Mode2	Mode3
11	1.97	1.98	27.870	4.030	55.413	40.557	1.366	8.50	6.75	7.50
11	2.23	2.33	28.180	2.266	50.939	46.795	1.089	8.50	7.50	5.00
11	2.77	2.78	28.670	2.082	50.418	47.500	1.061	8.75	7.75	6.75
11	2.99	3.05	28.930	1.135	55.997	42.868	1.306	7.50	4.75	8.75
12	0.05	0.12	29.040	6.146	51.751	42.103	1.229	7.25	6.75	8.25
12	0.49	0.51	29.450	2.652	63.091	34.257	1.842	6.75	8.50	
12	0.86	0.91	29.840	2.931	63.639	33.431	1.904	6.75	7.25	8.25
12	1.49	1.51	30.450	2.229	52.885	44.887	1.178	7.50	8.50	6.75
12	2.02	2.07	31.000	1.989	58.768	39.244	1.498	7.25	6.75	8.50
12	2.69	2.71	31.650	27.222	49.991	22.787	2.194	5.75	8.75	
12	2.73	2.78	31.710	15.955	60.916	23.129	2.634	6.75	5.00	6.25
12	2.78	2.82	31.750	14.388	54.594	31.017	1.760	7.00	4.50	7.75
12	2.84	2.88	31.810	17.349	62.401	20.249	3.082	5.75	6.50	7.50
13	2.21	2.22	32.410	2.695	53.070	44.235	1.200	8.75	6.25	7.25
13	2.59	2.69	32.830	2.422	64.733	32.845	1.971	6.25	7.50	8.50
13	3.02	3.03	33.300	2.717	64.022	33.261	1.925	6.50	6.00	7.25
14	2.49	2.55	34.930	5.110	67.343	27.547	2.445	6.00	7.00	7.50
14	2.93	2.99	35.360	2.715	69.715	27.571	2.529	5.75	6.50	8.75
15	1.93	1.94	37.560	4.728	75.188	20.083	3.744	5.50	6.25	
15	2.86	2.88	38.480	3.850	73.382	22.768	3.223	6.00		
16	1.81	1.82	39.900	3.961	28.197	67.842	0.416	8.00	4.25	
16	2.09	2.14	40.210	1.421	70.592	27.986	2.522	6.25	5.50	7.25
16	2.65	2.69	40.770	5.629	74.817	19.554	3.826	6.00	8.50	4.50
16	2.81	2.83	40.910	2.358	60.714	36.928	1.644	7.00	8.75	
16	2.88	2.93	41.000	0.992	77.870	21.138	3.684	6.00	6.50	8.50
17	1.59	1.68	41.160	2.255	80.738	17.008	4.747	5.75	6.25	8.50
17	2.08	2.09	41.640	3.939	56.254	39.808	1.413	6.50	8.50	
17	2.49	2.58	42.060	3.688	81.345	14.967	5.435	6.00	4.50	
17	2.95	2.95	42.440	3.268	77.076	19.656	3.921	6.00	6.50	
18	2.18	2.25	43.160	7.536	78.539	13.925	5.640	6.00	8.50	
18	2.55	2.56	43.530	3.346	73.931	22.723	3.254	6.00		
18	2.93	3.01	43.910	5.778	71.694	22.529	3.182	5.75	6.50	7.00
19	1.69	1.75	44.150	2.567	70.815	26.619	2.660	6.25	6.75	8.75
19	2.05	2.06	44.470	2.600	59.307	38.093	1.557	6.50	8.50	
19	2.48	2.53	44.930	4.047	74.681	21.273	3.511	6.00	6.75	8.25
19	3.05	3.06	45.470	6.380	62.510	31.110	2.009	6.50	7.00	8.50
20	0.19	0.25	45.950	0.914	59.590	39.495	1.509	6.75	8.50	4.25
20	0.49	0.55	46.250	3.563	52.250	44.188	1.182	6.75	7.25	7.75
20	0.79	0.85	46.550	1.741	62.610	35.648	1.756	6.25	6.75	8.75
20	1.09	1.15	46.850	2.778	59.987	37.235	1.611	6.50	7.00	8.25
20	1.45	1.46	47.170	17.366	55.191	27.443	2.011	4.50	6.25	7.00
20	1.88	1.93	47.630	4.354	55.389	40.258	1.376	6.75	8.75	6.25
20	2.45	2.46	48.170	1.672	50.403	47.925	1.052	6.50	8.75	7.25
20	2.58	2.63	48.330	2.931	46.768	50.301	0.930	7.00	6.25	4.50
20	2.68	2.73	48.430	0.992	40.316	58.692	0.687	7.50	8.00	8.50
21	0.15	0.19	48.950	2.803	75.026	22.171	3.384	5.00	5.75	6.50
21	0.49	0.51	49.270	3.229	52.198	44.573	1.171	6.50	5.75	
21	0.83	0.88	49.630	4.970	70.436	24.594	2.864	5.75	5.00	6.50
21	1.49	1.51	50.270	2.351	45.534	52.115	0.874	6.50	8.00	7.25
21	1.73	1.78	50.530	4.917	70.589	24.493	2.882	6.25	7.00	5.50
22	1.16	1.21	52.510	2.076	64.091	33.833	1.894	5.75	5.00	6.25
22	1.51	1.56	52.850	1.682	61.871	36.446	1.698	6.75	6.25	8.00
22	1.89	1.91	53.210	1.554	38.059	60.387	0.630	8.75	7.25	4.50

Walker Lake Core 84-4
Class Percents And Principal Size Modes

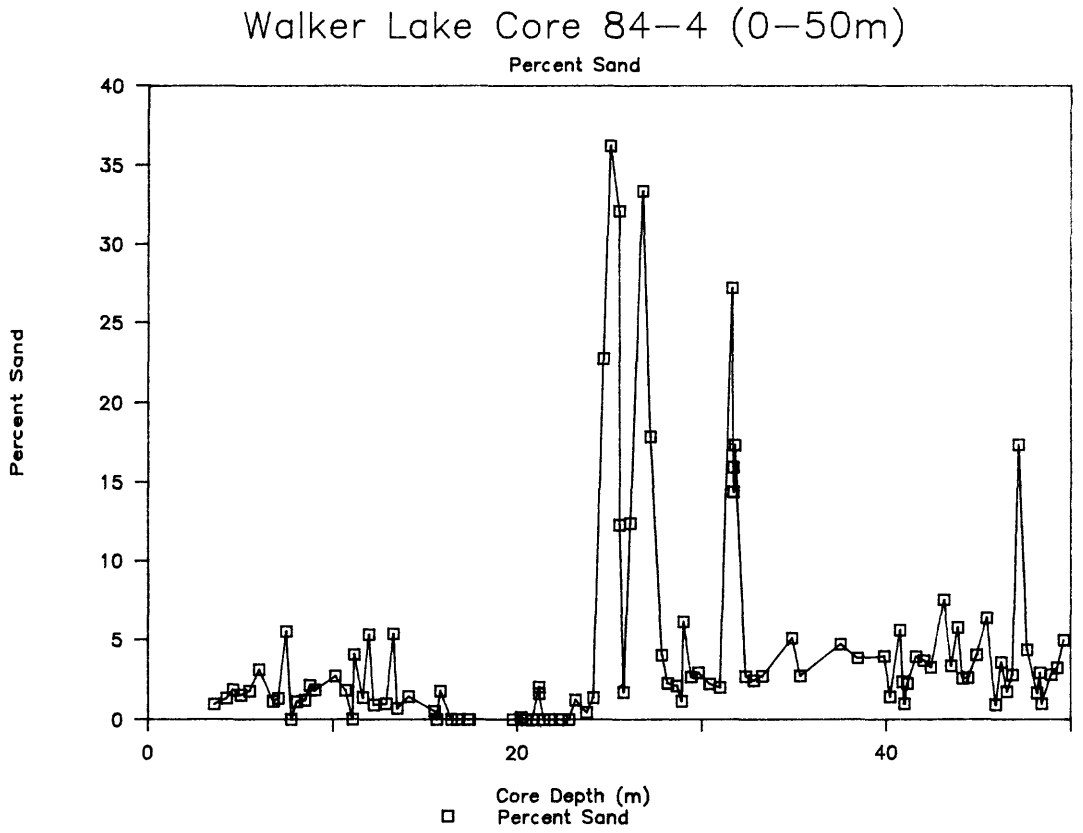
Seg.No.	TopInt.	Btm.Int.	Depth	%snd	%slt	%cly	slt/cly	Mode1	Mode2	Mode3
22	2.27	2.32	53.610	0.000	58.120	41.880	1.388	6.00	8.75	7.00
22	2.47	2.52	53.810	5.033	60.095	34.872	1.723	6.00	6.50	7.75
23	2.47	2.52	53.810	2.189	76.087	21.724	3.502	5.75	6.50	8.50
22	2.72	2.77	54.060	1.880	57.390	40.730	1.409	6.75	7.25	8.75
23	1.57	1.64	55.150	1.529	48.349	50.122	0.965	8.75	7.75	6.75
23	2.02	2.03	55.560	8.233	53.482	38.285	1.397	6.50	7.50	
23	3.02	3.03	56.530	5.917	59.207	34.877	1.698	8.00	6.50	5.75
24	0.95	0.97	58.560	2.714	28.748	68.538	0.419	8.50	4.25	
24	1.29	1.35	58.910	0.000	58.760	41.240	1.425	8.50	6.75	6.25
24	1.95	1.97	59.560	1.286	31.608	67.106	0.471	8.00	7.50	
24	2.19	2.25	59.820	2.225	82.884	14.891	5.566	6.00	8.75	4.50
24	2.49	2.55	60.120	1.714	80.270	18.016	4.456	6.00	6.75	7.25
24	2.95	2.96	60.560	4.119	88.422	7.460	11.853	5.75		
25	1.29	1.31	61.670	7.238	85.832	6.929	12.387	5.50		
25	1.67	1.74	62.080	14.702	64.997	20.301	3.202	6.25	8.50	4.50
25	2.31	2.32	62.680	9.304	74.380	16.316	4.559	6.00		
25	2.39	2.44	62.790	1.095	80.697	18.208	4.432	6.00	6.75	8.50
25	2.54	2.59	62.940	1.964	75.694	22.342	3.388	6.00	6.50	8.75
25	2.74	2.79	63.140	1.591	73.177	25.232	2.900	6.50	7.00	5.00
26	0.75	0.76	64.410	13.346	67.876	18.778	3.615	5.75	8.50	
26	1.28	1.38	64.940	2.238	77.877	19.885	3.916	6.00	7.00	4.50
26	1.98	1.99	65.620	2.054	66.485	31.460	2.113	6.25	7.00	8.50
26	2.25	2.27	65.910	3.757	80.219	16.024	5.006	6.00	6.50	8.50
26	2.48	2.51	66.130	0.963	67.939	31.098	2.185	6.60	7.00	8.50
26	2.71	2.73	66.360	6.911	73.540	19.549	3.762	6.75	6.00	8.75
26	2.98	2.99	66.610	3.706	82.534	13.760	5.998	6.00		
27	1.89	1.91	68.940	2.028	84.707	13.265	6.386	6.00		
27	2.09	2.12	69.150	8.778	85.046	6.176	13.771	5.75	4.75	
27	2.19	2.23	69.250	3.491	81.154	15.354	5.285	6.00	6.50	8.25
27	2.23	2.25	69.280	0.000	84.930	15.070	5.636	5.50	8.50	
27	2.54	2.56	69.590	2.834	77.820	19.346	4.023	6.00	6.50	8.50
27	2.72	2.76	69.780	3.380	82.089	14.532	5.649	5.75	4.25	5.00
27	2.89	2.91	69.940	2.643	70.156	27.202	2.579	6.25	8.75	
28	0.65	0.66	70.100	5.149	76.687	18.164	4.222	5.75		
28	0.97	1.01	70.440	2.626	73.917	23.457	3.151	6.00	6.75	7.25
28	1.36	1.41	70.830	4.667	78.201	17.131	4.565	6.00	8.50	4.50
28	1.63	1.67	71.110	2.418	84.506	13.076	6.463	6.00		
28	1.99	2.01	71.450	2.147	71.521	26.332	2.716	6.25	7.00	8.00
28	2.36	2.41	71.810	4.067	73.955	21.978	3.365	6.25	8.75	
28	2.71	2.76	72.150	1.530	60.838	37.631	1.617	7.50	7.00	6.50
28	2.98	2.99	72.410	2.395	81.637	15.968	5.112	6.25		
30	0.01	0.02	76.210	1.533	66.603	31.864	2.090	6.25	6.75	8.50
30	0.49	0.55	76.730	0.968	72.630	26.402	2.751	6.25	7.00	8.50
30	1.15	1.17	77.360	1.874	65.804	32.323	2.036	7.25	8.50	
30	1.59	1.65	77.830	1.336	72.459	26.205	2.765	6.25	7.00	7.50
30	1.99	2.01	78.210	1.037	67.562	31.401	2.152	5.75	7.25	6.25
30	2.09	2.12	78.310	1.763	31.726	66.510	0.477	8.75	8.25	7.75
30	2.49	2.51	78.710	4.059	73.136	22.805	3.207	6.25	6.75	7.25
31	1.39	1.44	79.770	1.657	78.714	19.629	4.010	5.75	6.25	7.25
31	1.29	1.31	80.330	1.304	73.154	25.543	2.864	6.75	6.00	
31	2.19	2.21	81.230	2.882	79.996	17.122	4.672	5.75		
32	0.57	0.58	82.680	0.852	76.374	22.774	3.354	6.25	7.00	
32	0.78	0.79	82.910	1.554	66.993	31.453	2.130	6.75	6.25	8.75

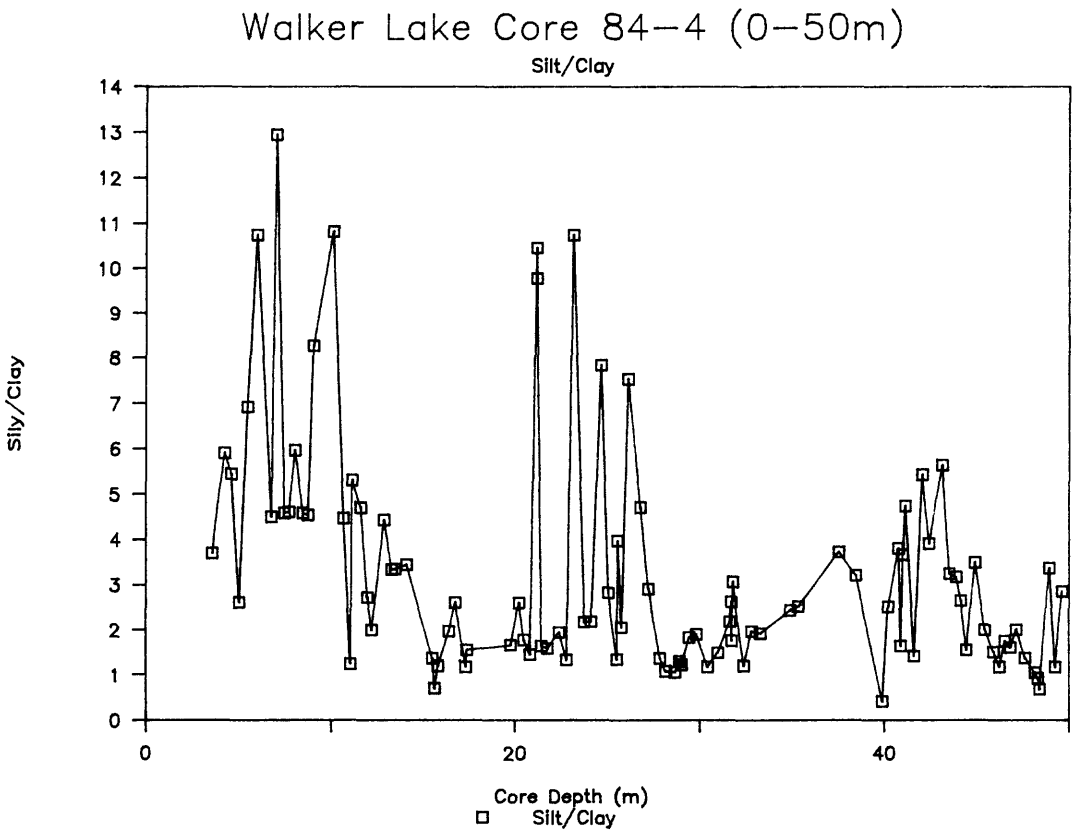
Walker Lake Core 84-4
Class Percents And Principal Size Modes

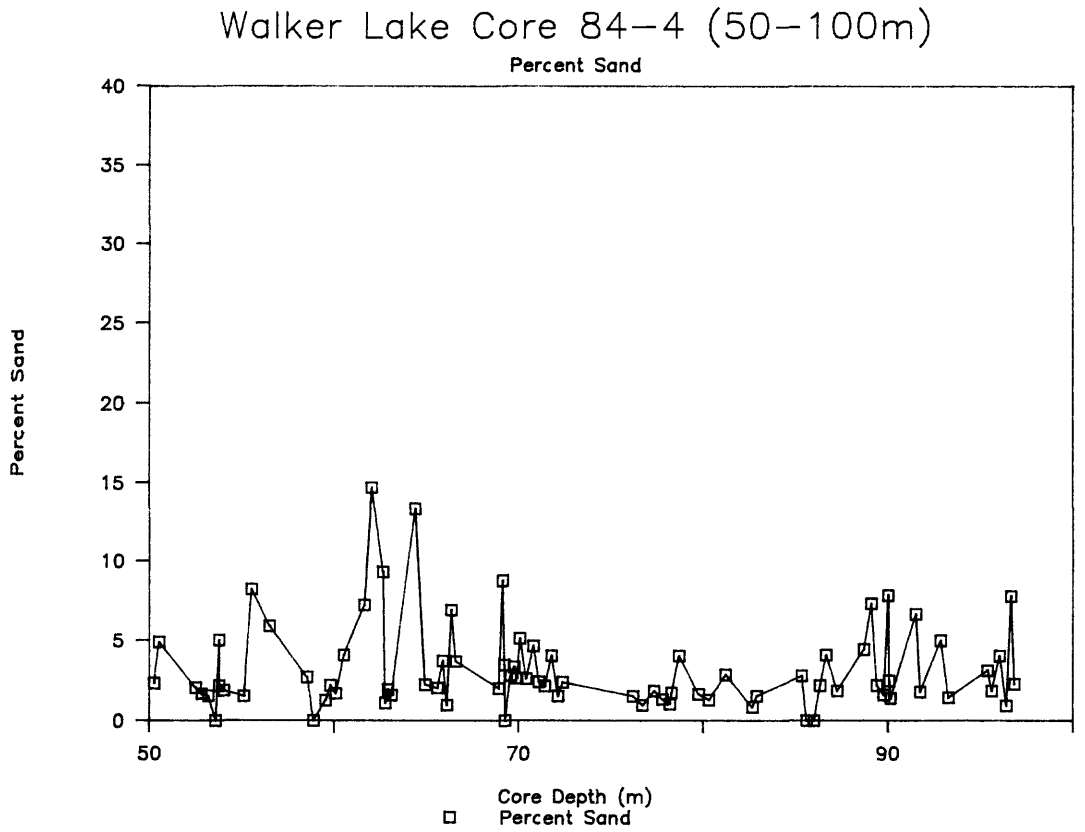
Seg.No.	TopInt.	Btm.Int.	Depth	%snd	%slt	%cly	slt/cly	Mode1	Mode2	Mode3
33	0.66	0.67	85.340	2.807	68.579	28.614	2.397	6.00	6.75	7.50
33	0.91	0.96	85.620	0.000	80.746	19.254	4.194	6.00	6.50	7.00
33	1.31	1.36	86.020	0.000	79.370	20.630	3.847	6.25	5.75	
33	1.66	1.67	86.340	2.196	75.417	22.387	3.369	6.00	7.50	
33	1.99	2.04	86.670	4.109	75.255	20.636	3.647	6.50	7.00	8.50
33	2.49	2.51	87.260	1.870	71.887	26.242	2.739	6.00	7.25	8.75
34	0.75	0.79	88.710	4.477	73.094	22.429	3.259	6.00	6.75	8.75
34	1.15	1.21	89.110	7.315	62.729	29.956	2.094	6.00	6.50	7.50
34	1.49	1.51	89.420	2.193	34.046	63.760	0.534	4.50	7.75	
34	1.83	1.88	89.780	1.620	60.280	38.100	1.582	8.50	7.25	6.50
34	2.08	2.11	90.020	7.833	70.188	21.979	3.193	6.00	6.50	7.50
34	2.15	2.17	90.080	2.502	79.588	17.910	4.444	6.00	6.50	8.50
34	2.27	2.28	90.160	1.386	76.012	22.602	3.363	6.00	7.00	8.50
35A	0.15	0.21	91.520	6.669	70.546	22.785	3.096	6.25	7.50	5.75
35A	0.39	0.42	91.750	1.798	78.856	19.346	4.076	5.75	6.50	7.00
35C	1.49	1.54	92.860	5.009	74.881	20.110	3.724	6.00	6.75	8.50
35C	1.94	1.95	93.280	1.447	80.597	17.956	4.488	6.00	6.50	7.00
36	1.35	1.39	95.410	3.157	84.458	12.385	6.819	5.75		
36	1.6	1.61	95.630	1.861	77.393	20.747	3.730	6.00	6.75	8.50
36	2.01	2.04	96.060	4.059	82.157	13.784	5.960	6.25	6.75	7.25
36	2.39	2.42	96.430	0.940	75.801	23.259	3.259	6.25		
36	2.64	2.66	96.670	7.790	76.820	15.390	4.992	6.00	6.50	8.50
36	2.83	2.85	96.860	2.300	78.814	18.885	4.173	6.25	6.75	5.75
38	2.33	2.34	101.740	7.188	75.864	16.947	4.476	5.75	8.50	
39	1.49	1.69	104.430	1.478	70.621	27.902	2.531	6.00	6.75	7.25
39	2.59	2.79	104.931	2.776	78.013	19.211	4.061	5.75	6.25	6.75
42	3.04	3.07	112.780	1.657	62.703	35.639	1.759	8.75	7.50	8.00
44	2.19	2.24	114.120	1.217	60.633	38.150	1.589	7.00	6.50	5.25
44	2.61	2.63	114.520	0.820	67.125	32.055	2.094	7.25	8.75	
44	2.76	2.79	114.680	1.662	38.519	59.819	0.644	8.50	7.50	4.50
45	0.29	0.59	116.250	2.384	67.306	30.310	2.221	6.75	7.50	
45	1.19	1.49	117.160	1.092	60.749	38.159	1.592	7.50	6.75	8.50
45	1.99	2.03	117.840	2.413	69.531	28.056	2.478	6.00	7.25	8.50
45	2.49	2.52	118.330	1.479	50.610	47.911	1.056	8.75	7.75	6.75
46	2.69	2.72	120.280	0.586	54.221	45.194	1.200	7.25	8.75	4.25
47	2.89	2.92	123.340	1.014	40.911	58.075	0.704	8.50	7.50	4.50
52	2.18	2.23	131.530	2.850	33.274	63.876	0.521	7.75	7.25	4.50
52	2.23	2.26	131.560	1.831	32.180	65.989	0.488	8.75	7.75	4.25
52	2.75	2.78	132.090	0.937	35.187	63.876	0.551	8.75	7.75	
53	1.99	2.03	132.650	1.215	49.175	49.610	0.991	7.50	4.50	
53	2.15	2.18	132.810	0.000	46.370	53.630	0.865	7.50	8.00	4.50
53	2.24	2.27	132.890	0.935	35.445	63.619	0.557	8.50	7.50	8.00
53	2.53	2.58	133.190	1.853	43.352	54.796	0.791	8.50	7.75	4.25
53	2.88	2.91	133.530	0.000	35.330	64.670	0.546	8.50	7.75	
54	0.44	0.47	134.120	0.371	37.520	62.109	0.604	7.50	4.25	
54A	1.14	1.19	134.820	0.464	41.427	58.108	0.713	8.00	8.75	4.25
54	1.44	1.47	135.090	0.604	45.222	54.173	0.835	7.25	4.25	
54B	1.86	1.89	135.550	1.210	52.635	46.155	1.140	7.75	8.75	6.50
54B	2.12	2.16	135.810	0.439	43.010	56.551	0.761	8.75	7.50	
54	2.55	2.58	136.240	1.004	38.440	60.556	0.635	8.00	7.50	4.50
54B	2.77	2.81	136.460	0.000	52.740	47.260	1.116	8.75	7.25	6.75
55	2.39	2.43	137.250	0.126	43.445	56.429	0.770	8.50	8.00	4.50
55	2.64	2.69	137.510	3.392	37.474	59.134	0.634	8.75	7.75	4.25

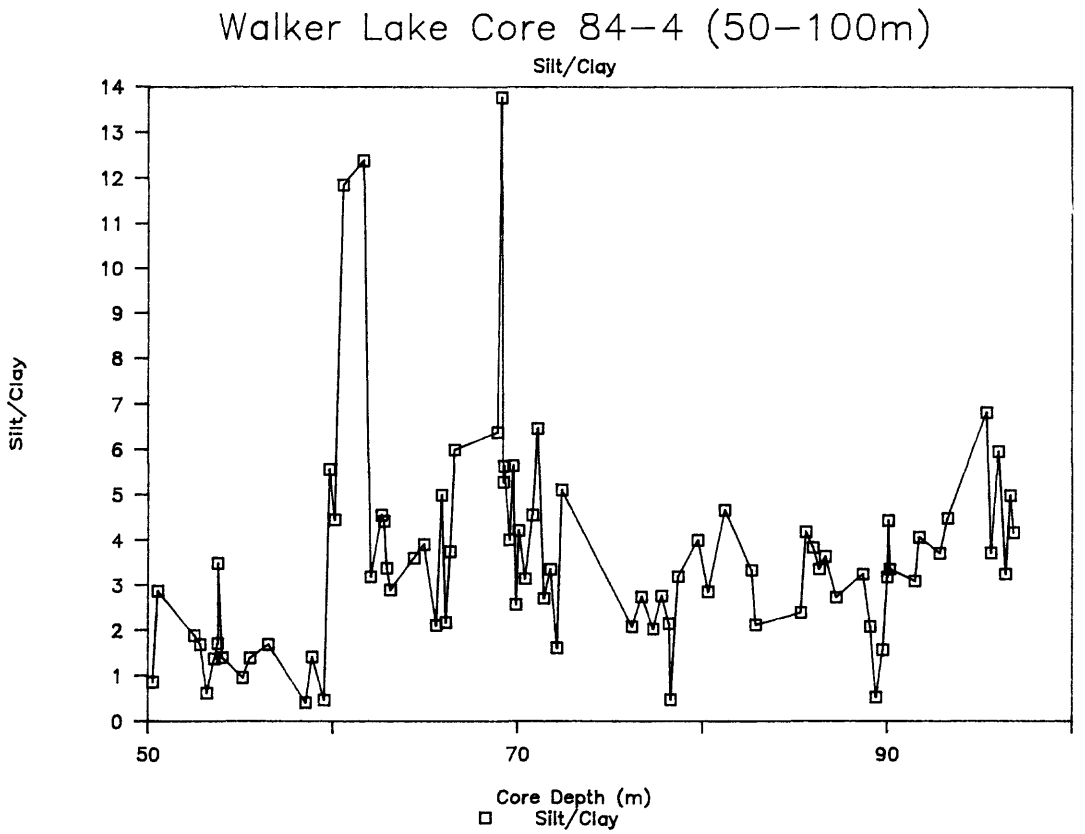
Walker Lake Core 84-4
Class Percents And Principal Size Modes

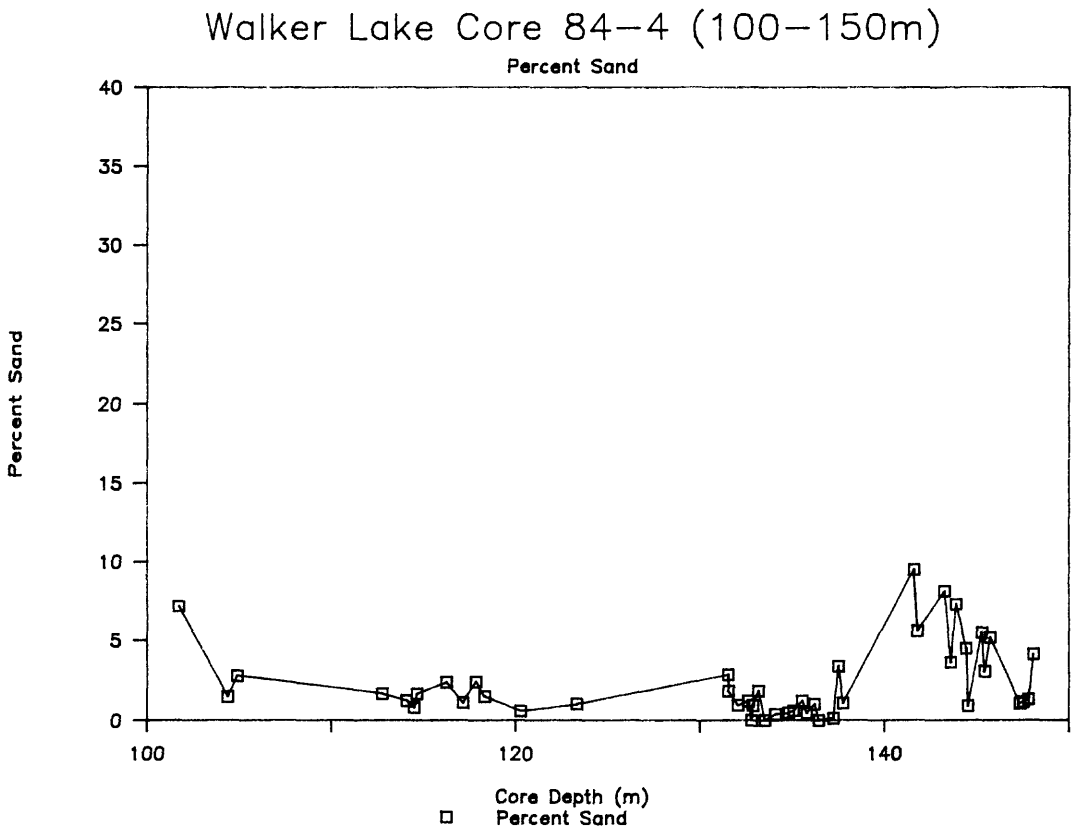
Seq.No.	TopInt.	Btm.Int.	Depth	%snd	%slt	%cly	slt/cly	Mode1	Mode2	Mode3
55	2.95	2.98	137.790	1.076	40.341	58.583	0.689	8.75	7.50	4.25
56	2.66	2.69	141.610	9.528	82.284	8.188	10.050	5.50		
56	2.85	2.89	141.810	5.611	81.911	12.478	6.564	6.25	8.75	
57	0.26	0.29	143.260	8.154	72.081	19.765	3.647	6.75	6.00	
57	1.83	1.88	143.610	3.625	62.605	33.770	1.854	6.75	7.25	8.75
57	2.14	2.19	143.910	7.322	69.091	23.586	2.929	6.00	8.75	7.50
57	2.69	2.75	144.470	4.499	69.562	25.939	2.682	8.75	7.25	5.75
57	2.79	2.82	144.550	0.910	41.231	57.859	0.713	8.75	7.75	
58	2.53	2.58	145.310	5.514	76.193	18.292	4.165	5.75	6.50	8.75
58	2.69	2.74	145.470	3.057	69.546	27.396	2.539	6.75	5.75	6.25
58	2.99	3.03	145.770	5.220	82.032	12.748	6.435	5.75	4.75	
59	2.07	2.09	147.360	1.059	39.676	59.266	0.669	8.75	7.75	4.25
59	2.32	2.35	147.550	1.135	69.295	29.571	2.343	4.25	8.50	6.75
59	2.56	2.59	147.840	1.326	36.016	62.658	0.575	7.75		
59	2.84	2.87	148.120	4.148	81.599	14.253	5.725	4.25	5.25	6.00

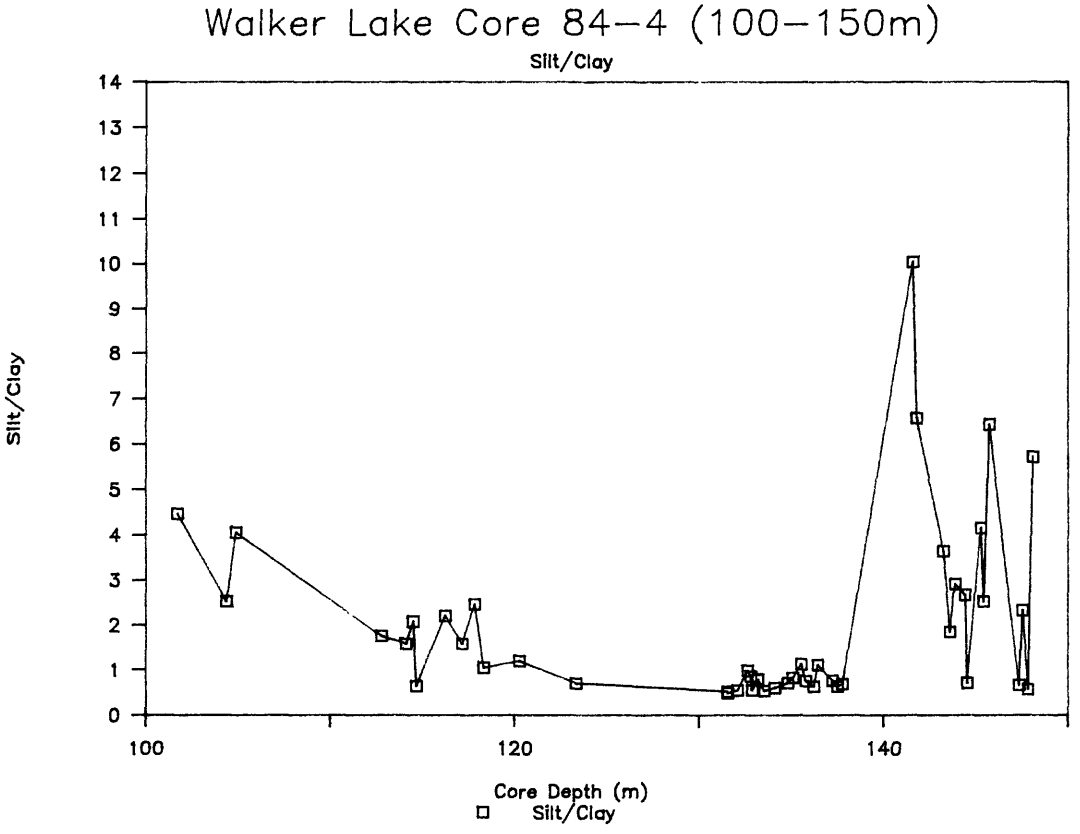

Walker Lake Core 84–4 (0–50m)
Percent Sand
Percent Sand
0
5
10
15
20
25
30
35
40
0
20
40
Core Depth (m)
Percent Sand


Walker Lake Core 84–4 (0–50m)
Silt/Clay
Silt/Clay
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
0
20
40
Core Depth (m)
Silt/Clay


Walker Lake Core 84–4 (50–100m)
Percent Sand
Percent Sand
40
35
30
25
20
15
10
5
0
50
70
90
Core Depth (m)
Percent Sand


Walker Lake Core 84–4 (50–100m)
Silt/Clay
Silt/Clay
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
50
70
90
Core Depth (m)
Silt/Clay


Walker Lake Core 84–4 (100–150m)
Percent Sand
Percent Sand
40
35
30
25
20
15
10
5
0
100
120
140
Core Depth (m)
Percent Sand


Walker Lake Core 84–4 (100–150m)
Silt/Clay
Silt/Clay
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
100
120
140
Core Depth (m)
Silt/Clay

Appendix A-3

Walker Lake Core 84-4
Graphic And Moment Statistics

Seq.No.	TopInt.	Btm.Int.	Depth	Md	Mn	So	Sk	Ku	1st	2nd(var)	2nd(sd)	3rd	4th
2	0.48	0.61	3.590	6.8849	6.9573	1.4015	0.1052	1.0812	7.0439	2.5577	1.5993	1.0677	4.5713
2	1.16	1.26	4.260	6.4019	6.6590	1.0689	0.3707	0.8826	6.7435	1.8600	1.3638	1.3799	6.0995
2	1.53	1.63	4.630	6.3866	6.6502	1.1141	0.3346	0.9809	6.7091	1.8904	1.3749	1.3148	5.9646
2	1.99	2.01	5.050	7.2274	7.2793	1.3988	0.0499	1.2616	7.3594	2.5776	1.6055	0.7407	4.3499
2	2.39	2.55	5.510	6.2439	6.4225	1.1458	0.2810	1.0234	6.5011	1.8844	1.3727	1.2190	5.8297
2	2.98	2.99	6.030	5.9029	6.1660	1.0244	0.4342	1.0037	6.2260	1.5530	1.2462	1.4893	7.1334
3	0.63	0.77	6.800	6.5855	6.8335	1.1663	0.3155	0.8653	6.9109	2.1678	1.4723	1.3324	5.4538
3	0.98	0.99	7.080	5.8198	6.0959	0.9776	0.4630	1.0670	6.1472	1.4583	1.2076	1.6550	7.9101
3	1.37	1.47	7.520	6.5533	6.7678	1.3486	0.0806	1.1971	6.7759	2.2648	1.5049	0.8543	4.9972
3	1.62	1.74	7.770	6.5383	6.8038	1.1027	0.3574	0.9176	6.8526	1.8791	1.3708	1.4255	5.8333
3	1.97	1.98	8.070	6.4988	6.7012	1.0409	0.3351	0.9102	6.7707	1.8163	1.3477	1.4003	6.3122
3	2.35	2.47	8.510	6.5993	6.7935	1.1479	0.2367	0.8503	6.8636	2.1012	1.4495	1.1872	5.2732
3	2.62	2.75	8.790	6.5479	6.7750	1.2219	0.2919	0.9574	6.8700	2.3282	1.5258	1.2466	5.2984
3	2.97	2.98	9.070	6.0761	6.3340	1.1469	0.3143	1.0777	6.3964	1.7682	1.3297	1.3505	6.3119
4	1.02	1.03	10.160	5.7526	6.0581	1.0550	0.4581	1.0550	6.1252	1.6202	1.2729	1.6499	7.4390
4	0.44	0.54	10.710	6.7655	6.9678	1.0514	0.2833	0.9418	7.0304	2.0210	1.4216	1.1784	5.7353
4	1.96	1.97	11.100	7.8150	7.9603	1.7870	0.1511	1.8323	8.1443	3.7341	1.9324	0.3621	2.8223
4	0.92	1.02	11.190	6.3970	6.5632	1.3218	0.1311	1.1505	6.6113	2.4195	1.5555	0.9692	4.9065
4	1.38	1.48	11.650	6.6371	6.8933	0.9902	0.4048	0.8922	6.9854	1.7802	1.3342	1.5412	6.6358
4	2.86	2.87	12.000	6.9918	7.1516	1.5866	0.1014	1.4100	7.2046	3.0310	1.7410	0.7109	4.0414
4	2.01	2.04	12.250	7.3743	7.4657	1.4945	0.3133	1.1682	7.8020	3.2305	1.7973	0.8444	3.2664
4	2.68	2.73	12.930	6.5609	6.8544	1.1599	0.3533	0.8642	6.9338	2.2396	1.4965	1.2393	5.2102
5	2.24	2.25	13.330	6.9216	7.0783	1.4227	0.0562	1.3282	7.0587	2.7211	1.6496	0.6466	4.3854
5	2.37	2.49	13.520	7.1464	7.2661	1.1691	0.2656	1.1774	7.3853	2.2514	1.5005	1.1561	5.0855
5	3.05	3.06	14.140	7.2469	7.3386	1.2939	0.2057	1.4997	7.4497	2.3891	1.5457	1.0811	4.7912
7	0.99	1.01	15.540	7.8227	8.1146	1.8365	0.2517	1.8746	8.2847	3.7878	1.9462	0.3709	2.6593
7	0.86	0.91	15.650	8.2935	8.4881	2.0505	0.1110	1.9335	8.5140	4.4745	2.1153	-0.0444	2.4561
7	1.28	1.33	15.850	7.6109	7.7548	2.1051	0.1820	1.3638	8.0423	4.6066	2.1463	0.4230	2.2297
7	1.89	1.91	16.440	7.4196	7.3859	1.5888	0.1200	1.1751	7.6411	3.2401	1.8000	0.7395	3.2841
7	2.21	2.26	16.770	7.0581	6.7880	1.9202	-0.0872	1.2536	7.0921	3.9061	1.9764	0.4588	3.2338
7	2.79	2.81	17.340	7.8460	7.8384	1.3176	0.2125	1.3937	8.1090	2.8205	1.6794	0.6485	3.5051
7	2.83	2.87	17.410	7.6555	7.7370	1.4824	0.1420	1.7145	7.9546	2.8696	1.6940	0.6268	3.6731
8	1.49	1.59	19.780	7.5675	7.6521	1.3350	0.2817	1.2901	7.8836	2.8558	1.6899	0.7355	3.7354
8	1.95	1.96	20.240	7.1048	7.2379	1.6053	0.1869	1.1911	7.3869	3.1483	1.7744	0.8730	3.6100
8	2.23	2.29	20.500	7.4118	7.5008	1.5785	0.1791	1.3972	7.7444	3.1895	1.7859	0.7121	3.3987
8	2.56	2.62	20.830	7.6561	7.7564	1.7062	0.1172	1.7939	7.9538	3.5085	1.8731	0.4588	3.1690
8	2.89	2.91	21.190	5.6671	6.0376	1.3106	0.3725	1.1957	6.0458	2.3869	1.5450	1.5270	6.1192
8	2.93	2.98	21.200	5.6992	5.9510	1.1710	0.4105	1.1369	6.0722	2.0793	1.4420	1.8470	7.3078
9	1.39	1.47	21.440	7.5387	7.5997	1.6424	0.1158	1.5744	7.8302	3.2732	1.8092	0.6112	3.2757
9	1.72	1.81	21.770	7.6100	7.6856	1.6149	0.0916	1.7821	7.8386	3.3642	1.8342	0.4121	3.4037
9	2.39	2.41	22.410	7.2402	7.1848	1.8570	0.0358	1.3253	7.4260	3.8895	1.9722	0.5707	3.0353
9	2.74	2.83	22.800	7.7629	7.8515	1.4925	0.2234	1.5407	8.1019	3.1535	1.7758	0.6032	3.1847
10	0.28	0.36	23.170	5.6050	5.8066	1.2954	0.2840	1.3761	5.9233	2.2543	1.5014	1.6034	6.6386
10A	0.89	0.91	23.760	7.1881	7.2788	1.6197	0.2230	1.1589	7.5288	3.3480	1.8298	0.8825	3.3275
10	1.24	1.31	24.130	7.2714	7.3886	1.5378	0.2387	1.3019	7.5952	3.1700	1.7804	0.8699	3.5644
10B	1.81	1.82	24.670	5.1439	5.3528	1.5406	0.3134	0.9190	5.5288	2.9772	1.7255	1.5615	5.7320
10	2.17	2.23	25.050	5.4101	5.7744	1.9171	0.3469	0.6939	5.8936	4.7041	2.1689	1.0184	3.3709
10B	2.65	2.66	25.510	6.8676	6.5000	2.3470	-0.0271	0.7072	6.7268	6.2739	2.5048	0.4332	2.2513
10	2.68	2.72	25.550	6.4907	6.3371	1.6798	-0.0917	0.7108	6.3994	3.4645	1.8613	0.6157	3.2980
10	2.86	2.95	25.760	7.3871	7.5020	1.2699	0.2677	1.1917	7.6575	2.5429	1.5947	0.8432	4.3239
11	0.19	0.26	26.130	5.9749	5.9698	1.4956	0.0946	0.9260	6.1408	2.7402	1.6554	1.2016	4.9873
11	0.91	0.92	26.810	5.5233	5.6569	1.6794	0.2045	0.6778	5.7462	3.5778	1.8915	1.0182	3.8637
11	1.31	1.37	27.240	6.5554	6.1899	2.0559	-0.0675	1.2270	6.6541	4.0258	2.0064	0.6181	3.3625

Walker Lake Core 84-4
Graphic And Moment Statistics

Seq.No.	TopInt.	Btm.Int.	Depth	Md	Mn	So	Sk	Ku	1st	2nd(var)	2nd(sd)	3rd	4th
11	1.97	1.98	27.870	7.5841	7.4429	1.9496	-0.0244	1.5192	7.6936	4.4411	2.1074	0.2886	2.6840
11	2.23	2.33	28.180	7.8778	7.9460	1.8252	0.0777	1.8172	8.0923	3.9503	1.9875	0.2437	2.8469
11	2.77	2.78	28.670	7.8911	7.9412	1.8940	0.0648	1.6725	8.0565	4.3310	2.0811	0.1797	2.6255
11	2.99	3.05	28.930	7.7257	7.3026	1.9973	-0.1232	1.6390	7.8016	4.0960	2.0238	0.2472	2.7713
12	0.05	0.12	29.040	7.6677	7.7536	1.7462	0.0729	1.8584	7.7910	4.1872	2.0463	0.1693	2.9964
12	0.49	0.51	29.450	7.3310	7.3564	1.7761	0.0870	1.3825	7.5460	3.8556	1.9636	0.5720	3.0572
12	0.86	0.91	29.840	7.3595	7.0717	1.9773	-0.0506	1.4492	7.4831	4.0549	2.0137	0.4526	2.9300
12	1.49	1.51	30.450	7.7636	7.8225	1.9615	0.0794	1.5057	7.9597	4.5181	2.1256	0.2576	2.5036
12	2.02	2.07	31.000	7.6413	7.7314	1.6118	0.1142	1.8328	7.9022	3.3342	1.8260	0.4280	3.4210
12	2.69	2.71	31.650	6.3542	6.2326	2.1663	0.0832	0.7243	6.4847	5.1607	2.2717	0.6695	2.8272
12	2.73	2.78	31.710	6.7640	6.4126	2.0670	-0.0862	0.8110	6.6640	4.5102	2.1237	0.5169	2.8518
12	2.78	2.82	31.750	6.9633	6.7124	2.2512	0.0002	1.1101	7.1006	5.1986	2.2801	0.4727	2.5709
12	2.84	2.88	31.810	6.3652	6.2213	1.9774	0.0187	1.0060	6.5379	4.0181	2.0045	0.6964	3.3250
13	2.21	2.22	32.410	7.7751	7.7695	1.9539	0.0484	1.5920	7.9923	4.2380	2.0586	0.3010	2.6234
13	2.59	2.69	32.830	7.3059	7.4109	1.7209	0.1391	1.4350	7.5888	3.6351	1.9066	0.6239	3.2356
13	3.02	3.03	33.300	7.2677	7.3267	1.7652	0.1288	1.3099	7.5344	3.8037	1.9503	0.6478	3.0590
14	2.49	2.55	34.930	6.6789	6.9977	2.0203	0.2866	1.2597	7.1886	4.7245	2.1736	0.7923	2.8241
14	2.93	2.99	35.360	6.6479	7.0261	1.8919	0.3729	1.2130	7.2606	4.3052	2.0749	0.9127	3.0058
15	1.93	1.94	37.560	6.1510	6.6009	1.7949	0.4175	1.2331	6.7334	3.9867	1.9967	1.1798	3.7678
15	2.86	2.88	38.480	6.6349	6.9884	1.7185	0.3241	1.4384	7.1117	3.5102	1.8735	1.0506	3.8103
16	1.81	1.82	39.900	8.7126	8.6952	2.7124	-0.0202	1.4477	8.9685	6.3823	2.5263	-0.5634	2.2040
16	2.09	2.14	40.210	6.9113	6.9994	1.7564	0.2573	1.1025	7.2882	3.8923	1.9729	0.9195	3.1588
16	2.65	2.69	40.770	6.4987	6.7501	1.6491	0.2005	1.4013	6.8149	3.2396	1.7999	1.0004	4.1641
16	2.81	2.83	40.910	7.3784	7.5613	1.7297	0.2132	1.5012	7.7900	3.6860	1.9199	0.6124	3.0256
16	2.88	2.93	41.000	6.7703	7.0287	1.2018	0.3947	0.9685	7.1136	2.3868	1.5449	1.2356	5.0116
17	1.59	1.68	41.160	6.5431	6.7770	1.1498	0.3247	0.9614	6.8642	2.1799	1.4765	1.3529	5.7230
17	2.08	2.09	41.640	7.4740	7.6796	1.8983	0.1727	1.5615	7.8257	4.2920	2.0717	0.3807	2.7543
17	2.49	2.58	42.060	6.3757	6.5913	1.3127	0.2085	1.2034	6.6763	2.4562	1.5672	1.2757	5.4252
17	2.95	2.95	42.440	6.6118	6.8705	1.4530	0.3315	1.2236	6.9909	2.9536	1.7186	1.2058	4.5142
18	2.18	2.25	43.160	6.2996	6.4809	1.3667	0.1220	1.2064	6.5027	2.3668	1.5385	0.9674	5.0254
18	2.55	2.56	43.530	6.7180	7.0459	1.6151	0.3073	1.4410	7.1249	3.2495	1.8026	1.0354	4.0257
18	2.93	3.01	43.910	6.6924	6.9198	1.7354	0.1972	1.3707	7.0237	3.5154	1.8750	0.9084	3.7920
19	1.69	1.75	44.150	6.9422	7.1832	1.6346	0.2653	1.4935	7.3456	3.3195	1.8219	0.9176	3.7909
19	2.05	2.06	44.470	7.3702	7.6545	1.9229	0.2367	1.4878	7.7801	4.5323	2.1289	0.4170	2.5972
19	2.48	2.53	44.930	6.4570	6.6956	1.7350	0.2926	1.4590	6.9117	3.8264	1.9561	1.1287	3.7934
19	3.05	3.06	45.470	6.9829	7.3901	2.0475	0.3091	1.5122	7.5228	4.7777	2.1858	0.5971	2.6572
20	0.19	0.25	45.950	7.5349	7.6841	1.8531	0.1858	1.4050	7.9030	4.0348	2.0087	0.5382	2.6567
20	0.49	0.55	46.250	7.7074	7.9357	1.9853	0.1880	1.5822	8.0648	4.3892	2.0950	0.3246	2.5252
20	0.79	0.85	46.550	7.1405	7.4292	1.9445	0.2559	1.3369	7.6162	4.5720	2.1382	0.5444	2.5926
20	1.09	1.15	46.850	7.2314	7.6665	2.0132	0.3649	1.2982	7.8627	4.6662	2.1601	0.5460	2.3759
20	1.45	1.46	47.170	6.3795	6.4363	2.4593	0.1878	0.8168	6.7649	6.4967	2.5489	0.6457	2.3338
20	1.88	1.93	47.630	7.3681	7.5499	2.2340	0.2096	1.2590	7.7594	5.0660	2.2508	0.4614	2.2444
20	2.45	2.46	48.170	7.9013	8.0542	1.9951	0.1485	1.5424	8.2177	4.3473	2.0850	0.2773	2.3941
20	2.58	2.63	48.330	8.0173	8.1179	2.3010	0.0918	1.3789	8.2636	5.3416	2.3112	0.1055	2.0284
20	2.68	2.73	48.430	8.4164	8.7343	2.2406	0.1474	1.4612	8.7371	5.0681	2.2512	-0.1629	2.1426
21	0.15	0.19	48.950	5.8904	6.4141	1.9425	0.4898	0.9197	6.6334	4.6277	2.1512	1.1160	3.2948
21	0.49	0.51	49.270	7.6201	7.6855	2.3249	0.1007	1.2716	7.9243	5.5033	2.3459	0.2675	2.0409
21	0.83	0.88	49.630	6.2380	6.5916	1.9948	0.3319	1.0892	6.8135	4.6002	2.1448	0.9607	3.1179
21	1.49	1.51	50.270	8.2451	8.0018	2.7541	-0.0387	1.1390	8.3270	6.6058	2.5702	-0.1015	1.8179
21	1.73	1.78	50.530	6.6988	6.8802	1.8578	0.1827	1.2286	7.0183	3.8409	1.9598	0.8439	3.3832
22	1.16	1.21	52.510	7.0659	7.0776	1.9489	0.1475	1.0118	7.3701	4.5372	2.1301	0.6228	2.5802
22	1.51	1.56	52.850	7.3275	7.3424	1.9008	0.1023	1.2739	7.5959	4.2395	2.0590	0.5601	2.7145
22	1.89	1.91	53.210	8.3954	8.5003	2.3062	0.0510	1.5398	8.5332	5.5644	2.3589	-0.2013	2.1403

Walker Lake Core 84-4
Graphic And Moment Statistics

Seq.No.	TopInt.	Btm.Int.	Depth	Md	Mn	So	Sk	Ku	1st	2nd(var)	2nd(sd)	3rd	4th
22	2.27	2.32	53.610	7.5569	7.6552	2.1223	0.1305	1.2372	7.8254	4.9341	2.2213	0.4262	2.2266
22	2.47	2.52	53.810	7.2791	7.3092	1.8177	0.0623	1.3638	7.5031	3.7873	1.9461	0.5375	3.1226
23	2.47	2.52	53.810	6.7497	6.9182	1.3242	0.2340	0.9478	7.0329	2.5203	1.5875	1.1053	4.6137
22	2.72	2.77	54.060	7.4994	7.5905	2.0947	0.1253	1.3026	7.7698	4.9646	2.2281	0.3991	2.2956
23	1.57	1.64	55.150	8.0065	8.0708	1.9648	0.1152	1.4394	8.2435	4.3139	2.0770	0.2655	2.3422
23	2.02	2.03	55.560	7.5014	7.3000	2.1492	-0.0434	1.4242	7.6153	4.9671	2.2287	0.2439	2.5339
23	3.02	3.03	56.530	7.0894	7.2450	2.1472	0.1686	1.1600	7.4470	5.2814	2.2981	0.5010	2.3629
24	0.95	0.97	58.560	8.5719	8.1619	2.9054	-0.1050	1.5575	8.6618	6.8687	2.6208	-0.4167	1.9467
24	1.29	1.35	58.910	7.3599	6.9445	2.6037	-0.0408	0.6860	7.2762	2.2515	2.6929	0.2343	1.8509
24	1.95	1.97	59.560	8.5574	8.8992	2.1032	0.1703	1.7518	8.9324	4.3995	2.0975	-0.2577	2.4642
24	2.19	2.25	59.820	6.4065	6.6308	1.1723	0.2872	1.0173	6.7228	2.2204	1.4901	1.3331	5.6820
24	2.49	2.55	60.120	6.4663	6.7181	1.3833	0.2572	1.1194	6.7880	2.6444	1.6262	1.2385	4.8986
24	2.95	2.96	60.560	5.9764	6.1643	1.1458	0.2226	1.4488	6.2197	1.7934	1.3392	1.5528	7.5106
25	1.29	1.31	61.670	5.7490	5.9732	1.1587	0.2671	1.4441	6.0004	1.9017	1.3790	1.5949	7.4394
25	1.67	1.74	62.080	6.6093	6.3966	1.8884	-0.0512	1.2595	6.7203	3.6550	1.9118	0.6159	3.5836
25	2.31	2.32	62.680	6.4064	6.6604	1.4127	0.1721	1.3018	6.6531	2.8288	1.6819	0.9234	4.6330
25	2.39	2.44	62.790	6.6303	6.8705	1.1541	0.3155	0.9241	6.9296	2.2004	1.4834	1.2537	5.3799
25	2.54	2.59	62.940	6.8299	7.0675	1.3709	0.1992	1.1771	7.1083	2.5314	1.5911	0.9847	4.6448
25	2.74	2.79	63.140	6.9936	7.1889	1.4480	0.2202	1.3351	7.3106	2.7348	1.6537	1.0028	4.3535
26	0.75	0.76	64.410	6.4106	6.3751	1.8453	0.0557	1.2098	6.6113	3.7359	1.9329	0.7883	3.6600
26	1.28	1.38	64.940	6.7768	6.9679	1.4315	0.1619	1.3060	6.9938	2.7885	1.6699	0.9510	4.4782
26	1.98	1.99	65.620	7.2853	7.4159	1.6312	0.1813	1.4531	7.6147	3.2523	1.8034	0.7772	3.5265
26	2.25	2.27	65.910	6.4804	6.7048	1.3017	0.2138	1.1560	6.7713	2.4667	1.5706	1.2214	5.2505
26	2.48	2.51	66.130	7.1746	7.3542	1.4832	0.3203	1.1451	7.5590	3.0929	1.7587	0.9378	3.5771
26	2.71	2.73	66.360	6.4317	6.6594	1.5846	0.1585	1.1510	6.7116	3.0837	1.7560	0.9329	4.1498
26	2.98	2.99	66.610	6.1764	6.4267	1.2663	0.3206	1.0744	6.5454	2.5137	1.5855	1.4212	5.5866
27	1.89	1.91	68.940	6.4403	6.6469	1.0187	0.3462	1.1084	6.7513	1.8725	1.3684	1.6124	6.9158
27	2.09	2.12	69.150	5.9550	6.0127	1.2305	0.0564	1.2264	6.0613	1.7071	1.3066	0.9282	5.7652
27	2.19	2.23	69.250	6.4239	6.7071	1.1823	0.3266	1.2445	6.7729	2.2677	1.5059	1.3753	5.9003
27	2.23	2.25	69.280	6.0431	6.4083	1.2703	0.4728	0.9365	6.5441	2.5210	1.5878	1.5868	5.5949
27	2.54	2.56	69.590	6.7081	6.9662	1.2007	0.2844	1.1058	7.0089	2.3000	1.5166	1.1497	5.3294
27	2.72	2.76	69.780	6.1611	6.3022	1.4959	0.1387	1.2248	6.4569	2.8297	1.6822	1.1134	4.7667
27	2.89	2.91	69.940	7.0079	7.2162	1.5812	0.1787	1.3195	7.3006	3.0262	1.7396	0.7989	3.9486
28	0.65	0.66	70.100	6.4176	6.7183	1.5399	0.2437	1.3316	6.7639	3.0269	1.7398	1.0845	4.4882
28	0.97	1.01	70.440	6.8178	7.1006	1.5839	0.2566	1.3962	7.1806	3.0854	1.7565	0.9864	4.1026
28	1.36	1.41	70.830	6.6129	6.9046	1.3774	0.2360	1.4862	6.9284	2.5879	1.6087	1.0886	5.0576
28	1.63	1.67	71.110	6.3840	6.6097	1.0446	0.3677	1.0278	6.6979	2.0618	1.4359	1.4704	6.3715
28	1.99	2.01	71.450	7.0033	7.2032	1.5789	0.2150	1.3656	7.3185	3.1544	1.7761	0.8763	3.8494
28	2.36	2.41	71.810	6.8847	7.0990	1.3505	0.2134	1.2702	7.1525	2.5521	1.5975	0.9530	4.7605
28	2.71	2.76	72.150	7.5459	7.6378	1.6328	0.1638	1.6052	7.8705	3.3932	1.8421	0.6009	3.2454
28	2.98	2.99	72.410	6.5571	6.7578	1.2161	0.2144	1.1395	6.8339	2.2775	1.5091	1.2509	5.5191
30	0.01	0.02	76.210	7.1946	7.3536	1.7690	0.1766	1.4199	7.5581	3.6395	1.9077	0.7374	3.2187
30	0.49	0.55	76.730	7.0266	7.1972	1.5313	0.1889	1.2928	7.3335	2.8961	1.7018	0.9316	4.0569
30	1.15	1.17	77.360	7.3978	7.4591	1.5617	0.0530	1.5598	7.5568	3.0003	1.7321	0.5396	3.8481
30	1.59	1.65	77.830	7.0950	7.2301	1.3114	0.2520	1.0722	7.3587	2.5323	1.5913	1.0056	4.4520
30	1.99	2.01	78.210	7.1540	7.2337	1.6538	0.2138	1.1226	7.4834	3.4446	1.8560	0.8647	3.2493
30	2.09	2.12	78.310	8.4142	8.8039	2.0327	0.2122	1.9709	8.7100	4.6670	2.1603	-0.2366	2.4896
30	2.49	2.51	78.710	6.8611	7.0265	1.5290	0.1029	1.2675	7.0729	2.8410	1.6855	0.8164	4.2278
31	1.39	1.44	79.770	6.5458	6.7569	1.3111	0.1584	0.8703	6.8243	2.3961	1.5479	1.0035	4.5583
31	1.29	1.31	80.330	7.0430	7.2011	1.4076	0.2390	1.2135	7.3427	2.6900	1.6401	1.0315	4.3076
31	2.19	2.21	81.230	6.3424	6.6146	1.3096	0.3441	0.9475	6.7202	2.6025	1.6132	1.2919	5.0098
32	0.57	0.58	82.680	6.8727	7.0258	1.5157	0.1670	1.2912	7.1431	2.8744	1.6954	1.0047	4.2730
32	0.78	0.79	82.910	7.2758	7.3647	1.5396	0.2794	1.2749	7.6374	3.3913	1.8415	0.8279	3.3497

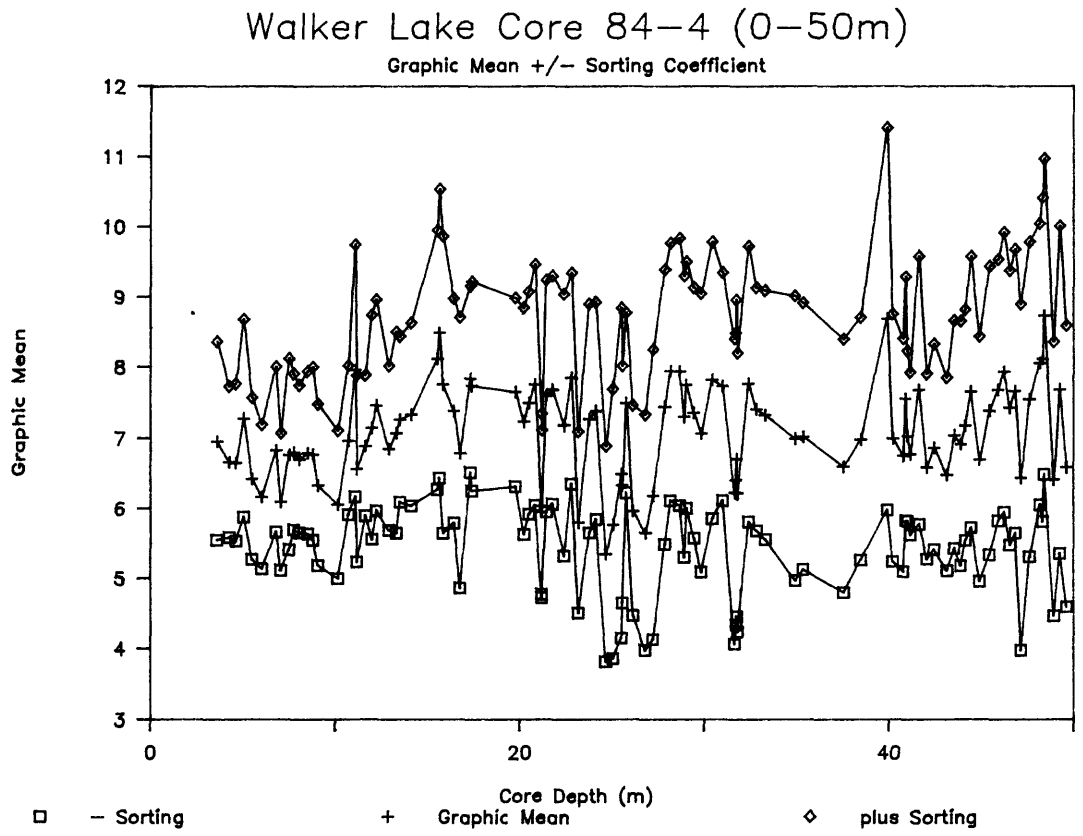
Walker Lake Core 84-4
Graphic And Moment Statistics

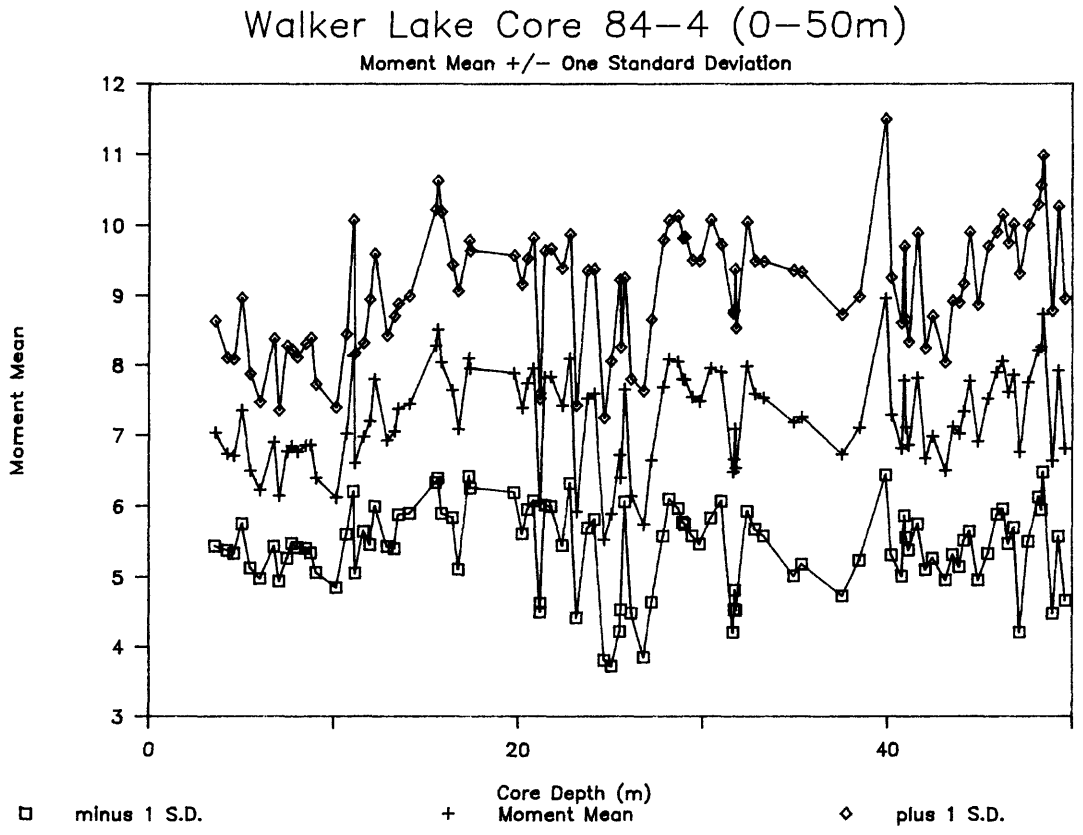
Seq.No.	TopInt.	Btm.Int.	Depth	Md	Mn	So	Sk	Ku	1st	2nd(var)	2nd(sd)	3rd	4th
33	0.66	0.67	85.340	7.0428	7.1566	1.7004	0.1104	1.2592	7.2320	3.6273	1.9046	0.5886	3.3932
33	0.91	0.96	85.620	6.7345	6.9145	1.2369	0.2910	0.9930	7.0318	2.3985	1.5487	1.2775	5.0574
33	1.31	1.36	86.020	6.7465	6.9439	1.3063	0.3251	1.0716	7.1185	2.4705	1.5718	1.3811	4.8976
33	1.66	1.67	86.340	6.7100	6.8424	1.5261	0.1760	1.0073	6.9582	3.0328	1.7415	0.9668	3.9984
33	1.99	2.04	86.670	6.7064	6.8712	1.4918	0.1003	1.1540	6.8989	2.9018	1.7035	0.8053	4.1924
33	2.49	2.51	87.260	7.0348	7.1714	1.5072	0.2083	1.1746	7.3015	3.0186	1.7374	0.9407	3.9280
34	0.75	0.79	88.710	6.7928	6.9757	1.5770	0.1494	1.2448	7.0383	3.0408	1.7438	0.8857	4.0893
34	1.15	1.21	89.110	7.1122	7.2038	1.7585	0.0822	1.2770	7.2869	3.6567	1.9122	0.5667	3.3532
34	1.49	1.51	89.420	8.5103	8.4021	2.6138	-0.0164	1.4728	8.7165	6.0172	2.4530	-0.3443	2.0631
34	1.83	1.88	89.780	7.6077	7.6782	1.6407	0.1422	1.6488	7.9087	3.3906	1.8414	0.5764	3.2133
34	2.08	2.11	90.020	6.8388	6.9949	1.5576	0.1003	1.3267	7.0155	3.1511	1.7751	0.6805	4.0208
34	2.15	2.17	90.080	6.5637	6.7546	1.2904	0.2613	0.9828	6.8495	2.5461	1.5957	1.1821	4.9176
34	2.27	2.28	90.160	6.9412	7.1134	1.3689	0.2053	1.2246	7.1994	2.5979	1.6118	1.0409	4.6212
35A	0.15	0.21	91.520	6.7350	6.9523	1.6005	0.1516	1.3161	7.0323	3.1157	1.7651	0.7652	3.9774
35A	0.39	0.42	91.750	6.5496	6.7711	1.4723	0.2382	1.1000	6.8750	2.8676	1.6934	1.1458	4.4738
35C	1.49	1.54	92.860	6.6728	6.8678	1.4825	0.1267	1.2539	6.8965	2.8021	1.6740	0.9297	4.4871
35C	1.94	1.95	93.280	6.7530	6.9054	1.1899	0.2281	1.0638	6.9867	2.2623	1.5041	1.2239	5.3720
36	1.35	1.39	95.410	6.2202	6.4342	1.1745	0.3007	1.0026	6.5236	2.1975	1.4824	1.4166	6.0033
36	1.6	1.61	95.630	6.7736	6.9871	1.2925	0.2328	1.1119	7.0620	2.4107	1.5526	1.1166	4.9483
36	2.01	2.04	96.060	6.5452	6.6902	1.2050	0.1057	1.2229	6.7413	2.0839	1.4436	1.1039	5.7828
36	2.39	2.42	96.430	6.9487	7.1191	1.1927	0.2935	0.9646	7.2258	2.3029	1.5175	1.1496	4.9290
36	2.64	2.66	96.670	6.4254	6.6628	1.3419	0.1498	1.2724	6.6700	2.5174	1.5866	0.9852	5.0525
36	2.83	2.85	96.860	6.8216	6.9451	1.4188	0.2546	1.4237	7.1389	2.9516	1.7180	1.1488	4.4964
38	2.33	2.34	101.740	6.3796	6.6563	1.4432	0.1971	1.2472	6.6692	2.8350	1.6838	1.0055	4.6280
39	1.49	1.69	104.430	7.1313	7.2335	1.4988	0.1654	1.1880	7.3650	2.8905	1.7001	0.8724	3.9453
39	2.59	2.79	104.931	6.4938	6.6837	1.5097	0.2194	0.9936	6.7876	2.9946	1.7305	1.1021	4.2872
42	3.04	3.07	112.780	7.4658	7.5134	1.8693	0.1159	1.5835	7.7415	3.9323	1.9830	0.5426	2.9164
44	2.19	2.24	114.120	7.5115	7.5012	1.8688	0.0945	1.3779	7.7698	4.1280	2.0317	0.4945	2.6841
44	2.61	2.63	114.520	7.2728	7.5969	1.4950	0.4879	1.3953	7.8684	3.1759	1.7821	1.0218	3.2633
44	2.76	2.79	114.680	8.3523	8.7429	2.2712	0.1785	1.5603	8.6848	5.2609	2.2937	-0.1950	2.1537
45	0.29	0.59	116.250	7.2376	7.3637	1.4996	0.2451	1.2681	7.5460	3.1153	1.7650	0.8577	3.6812
45	1.19	1.49	117.160	7.5428	7.6236	1.6896	0.1351	1.5664	7.8452	3.5419	1.8820	0.5594	3.0702
45	1.99	2.03	117.840	7.0783	7.1976	1.6908	0.1946	1.3940	7.3923	3.3800	1.8385	0.8540	3.5896
45	2.49	2.52	118.330	7.9228	7.9784	1.8011	0.0991	1.6968	8.1660	3.8411	1.9599	0.2957	2.7590
46	2.69	2.72	120.280	7.8245	7.8549	1.6865	0.0457	1.9327	8.0400	3.4745	1.8640	0.3089	3.2346
47	2.89	2.92	123.340	8.2933	8.5536	2.0669	0.1537	1.7719	8.6147	4.3433	2.0841	0.0113	2.3679
52	2.18	2.23	131.530	8.6065	8.5055	2.5637	-0.0190	1.4491	8.7711	5.9562	2.4405	-0.3670	2.0789
52	2.23	2.26	131.560	8.6134	8.9146	2.3069	0.1118	1.6338	8.8974	5.4497	2.3345	-0.4179	2.2883
52	2.75	2.78	132.090	8.5330	8.9228	2.3077	0.1622	1.4534	8.8744	5.5129	2.3480	-0.3464	2.1328
53	1.99	2.03	132.650	7.9822	8.1927	2.1748	0.1391	1.6334	8.2669	5.2213	2.2850	0.0307	2.1837
53	2.15	2.18	132.810	8.1845	8.4539	2.2395	0.1454	1.5568	8.4697	5.3886	2.3213	-0.0791	2.0939
53	2.24	2.27	132.890	8.4800	8.8422	2.2611	0.1558	1.5329	8.7905	5.3735	2.3181	-0.3119	2.2161
53	2.53	2.58	133.190	8.2396	8.3249	2.2758	0.0472	1.7426	8.3873	5.4361	2.3315	-0.1267	2.2160
53	2.88	2.91	133.530	8.4913	8.8399	2.2809	0.1525	1.5028	8.8808	5.1010	2.2585	-0.2981	2.2364
54	0.44	0.47	134.120	8.4235	8.5601	2.2822	0.0589	1.7882	8.6078	5.4313	2.3305	-0.2752	2.2597
54A	1.14	1.19	134.820	8.4449	8.8079	2.2872	0.1676	1.3567	8.8284	5.0460	2.2463	-0.1747	2.0853
54	1.44	1.47	135.090	8.1911	8.4080	2.1624	0.1161	1.7362	8.3973	5.2618	2.2939	-0.1071	2.2568
54B	1.86	1.89	135.550	7.7792	8.0711	2.1706	0.2236	1.3295	8.2574	4.7807	2.1865	0.2921	2.0751
54B	2.12	2.16	135.810	8.3202	8.4352	2.1355	0.0703	1.6847	8.4806	4.7987	2.1906	-0.0318	2.2637
54	2.55	2.58	136.240	8.4679	8.8123	2.1903	0.1693	1.4968	8.8318	4.8041	2.1918	-0.1765	2.1755
54B	2.77	2.81	136.460	7.8777	7.9209	2.0946	0.0828	1.5512	8.1790	4.5106	2.1238	0.2304	2.3125
55	2.39	2.43	137.250	8.2151	8.3240	1.9523	0.0733	2.2348	8.3206	4.6916	2.1660	-0.0812	2.4801
55	2.64	2.69	137.510	8.4709	7.9374	2.5335	-0.1823	2.0250	8.3686	5.5025	2.3458	-0.2536	2.3185

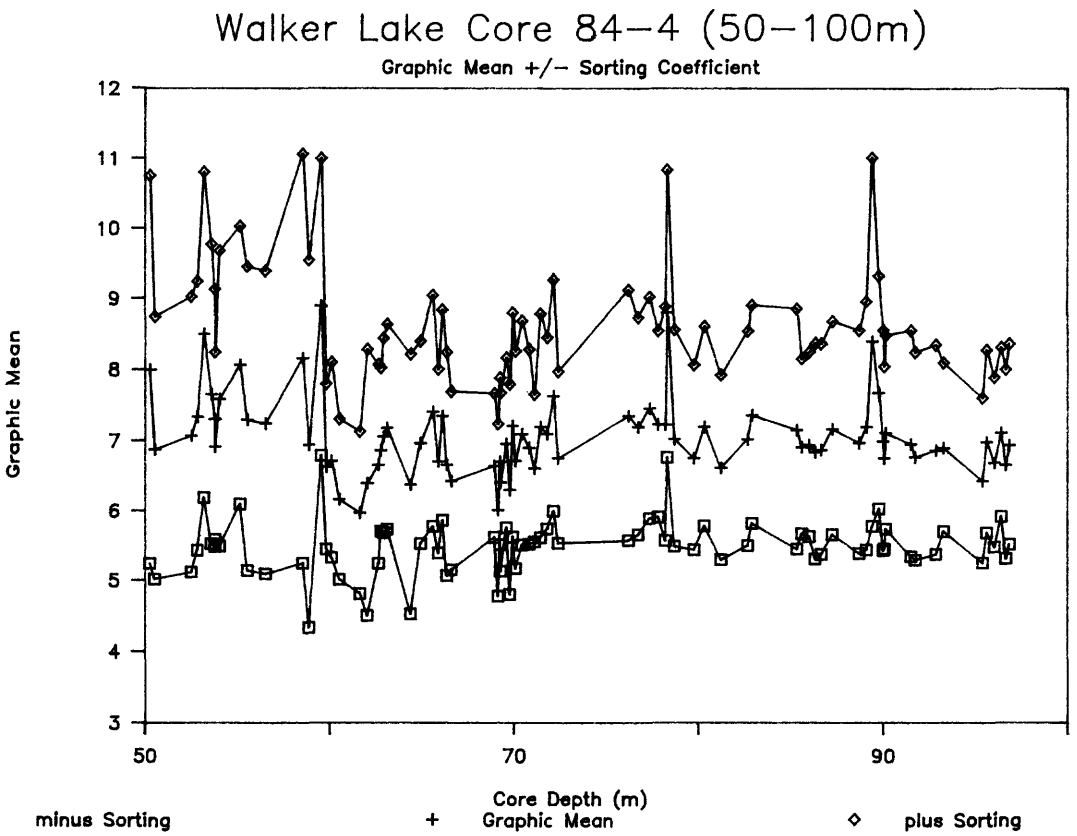
33

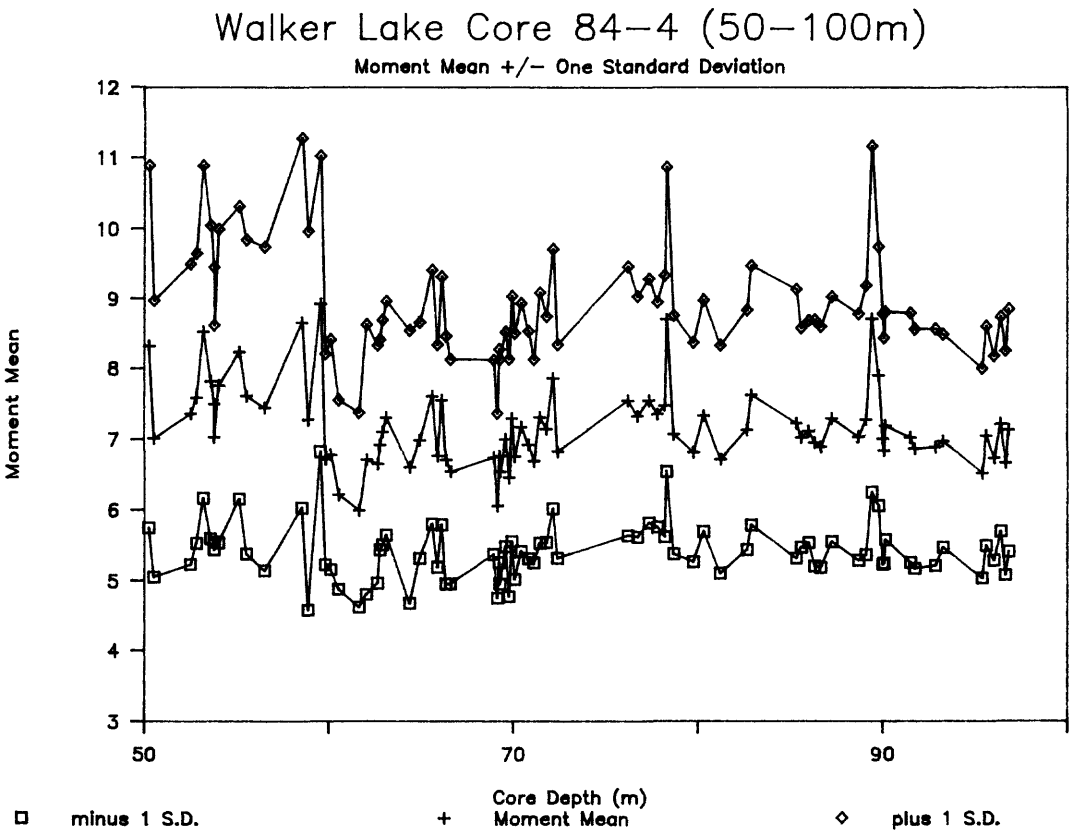
Walker Lake Core 84-4
Graphic And Moment Statistics

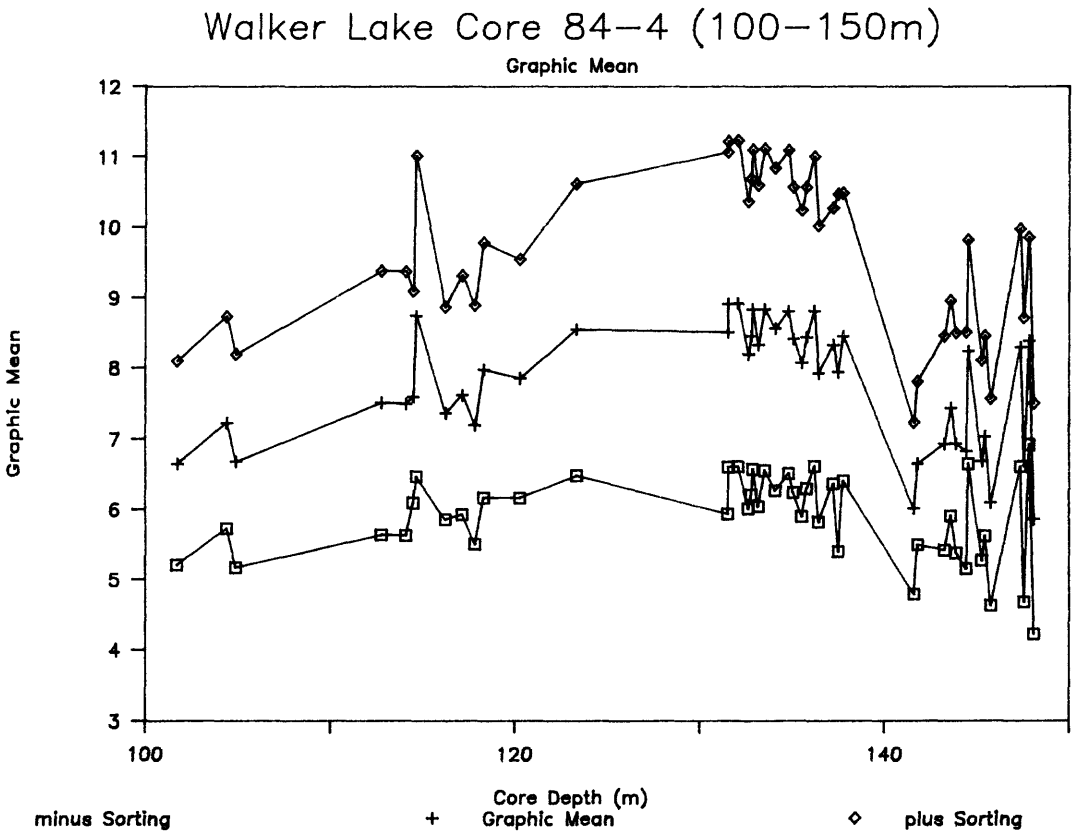
Seq.No.	TopInt.	Btm.Int.	Depth	Md	Mn	So	Sk	Ku	1st	2nd(var)	2nd(sd)	3rd	4th
55	2.95	2.98	137.790	8.4725	8.4505	2.0396	-0.0308	2.0617	8.4319	4.6716	2.1614	-0.1522	2.5211
56	2.66	2.69	141.610	5.8254	6.0167	1.2195	0.2198	1.3516	6.0229	1.8159	1.3476	1.0423	5.7114
56	2.85	2.89	141.810	6.5570	6.6543	1.1554	0.0253	1.5653	6.6618	1.5725	1.2540	0.7158	6.1791
57	0.26	0.29	143.260	6.8839	6.9383	1.5161	0.0107	1.3495	6.9799	2.9422	1.7153	0.7020	4.2697
57	1.83	1.88	143.610	7.2970	7.4379	1.5246	0.1194	1.4769	7.5429	2.9394	1.7145	0.5803	4.0049
57	2.14	2.19	143.910	6.6291	6.9386	1.5586	0.1800	1.3206	6.9074	3.0075	1.7342	0.7818	4.0332
57	2.69	2.75	144.470	6.8141	6.8340	1.6747	0.0132	0.9139	6.9061	3.3170	1.8213	0.6497	3.4963
57	2.79	2.82	144.550	8.2488	8.2380	1.5819	0.0297	2.1893	8.4167	3.0663	1.7511	0.2471	3.3009
58	2.53	2.58	145.310	6.4216	6.6930	1.4201	0.1395	1.1683	6.6474	2.3726	1.5403	0.9337	4.7870
58	2.69	2.74	145.470	6.9568	7.0411	1.4136	0.0454	0.8961	7.1121	2.5754	1.6048	0.7477	4.1506
58	2.99	3.03	145.770	5.7584	6.1028	1.4685	0.3013	1.0159	6.2145	2.6413	1.6252	1.2454	4.9242
59	2.07	2.09	147.360	8.2891	8.2981	1.6805	-0.0132	2.5419	8.2985	3.8916	1.9727	-0.1494	3.0981
59	2.32	2.35	147.550	7.0518	6.6984	2.0132	-0.0877	1.0481	7.0876	4.0643	2.0160	0.4835	3.0061
59	2.56	2.59	147.840	8.3484	8.3914	1.4637	0.1185	2.1008	8.5708	2.7957	1.6720	0.2406	3.4868
59	2.84	2.87	148.120	5.5406	5.8659	1.6379	0.3120	0.8220	6.0442	3.0986	1.7603	1.0884	4.0993

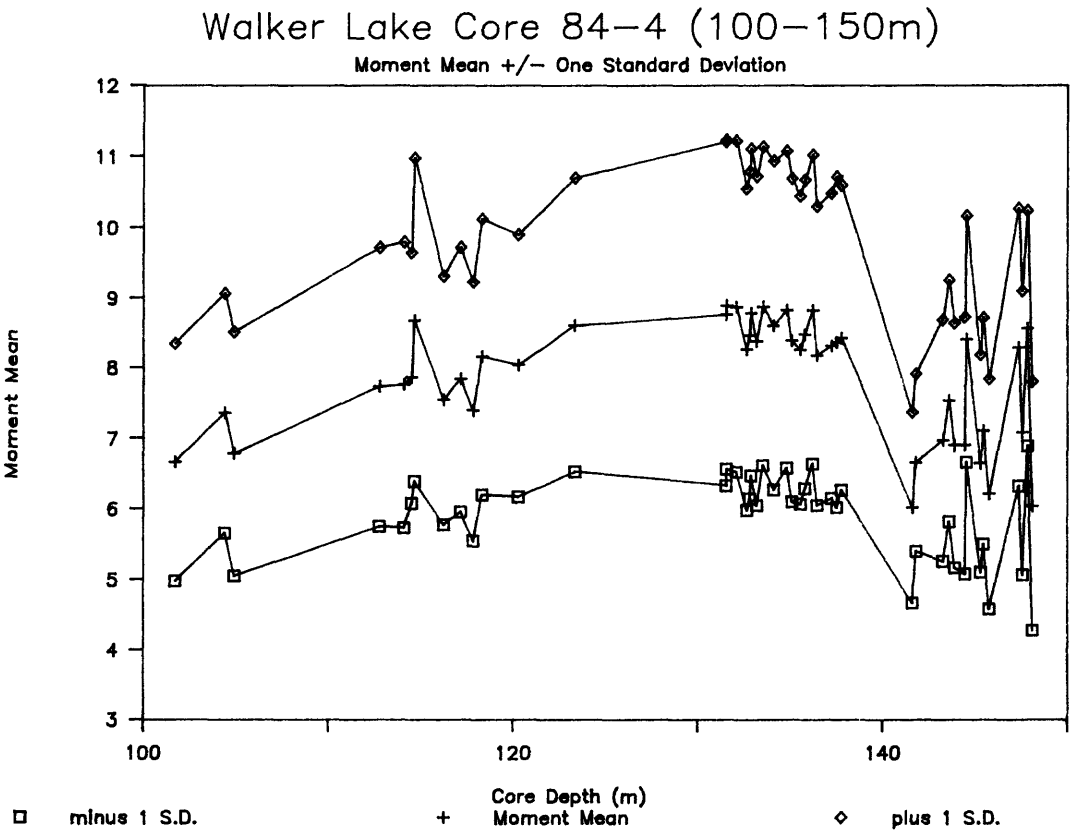

Walker Lake Core 84–4 (0–50m)
Graphic Mean +/– Sorting Coefficient
Graphic Mean
12
11
10
9
8
7
6
5
4
3
0
20
40
Core Depth (m)
– Sorting
Graphic Mean
plus Sorting


Walker Lake Core 84–4 (0–50m)
Moment Mean +/– One Standard Deviation
Moment Mean
12
11
10
9
8
7
6
5
4
3
0
20
40
Core Depth (m)
minus 1 S.D.
Moment Mean
plus 1 S.D.


Walker Lake Core 84–4 (50–100m)
Graphic Mean +/– Sorting Coefficient
Graphic Mean
12
11
10
9
8
7
6
5
4
3
50
70
90
Core Depth (m)
minus Sorting
+ Graphic Mean
◇ plus Sorting


Walker Lake Core 84–4 (50–100m)
Moment Mean +/– One Standard Deviation
Moment Mean
12
11
10
9
8
7
6
5
4
3
50
70
90
Core Depth (m)
□ minus 1 S.D.
+ Moment Mean
◇ plus 1 S.D.


Walker Lake Core 84–4 (100–150m)
Graphic Mean
Graphic Mean
12
11
10
9
8
7
6
5
4
3
100
120
140
Core Depth (m)
minus Sorting
+ Graphic Mean
◇ plus Sorting


Walker Lake Core 84–4 (100–150m)
Moment Mean +/– One Standard Deviation
Moment Mean
12
11
10
9
8
7
6
5
4
3
100
120
140
Core Depth (m)
□ minus 1 S.D.
+ Moment Mean
◇ plus 1 S.D.

Appendix B-1

Walker Lake Core 84-5
Class Percents and Principal Size Modes

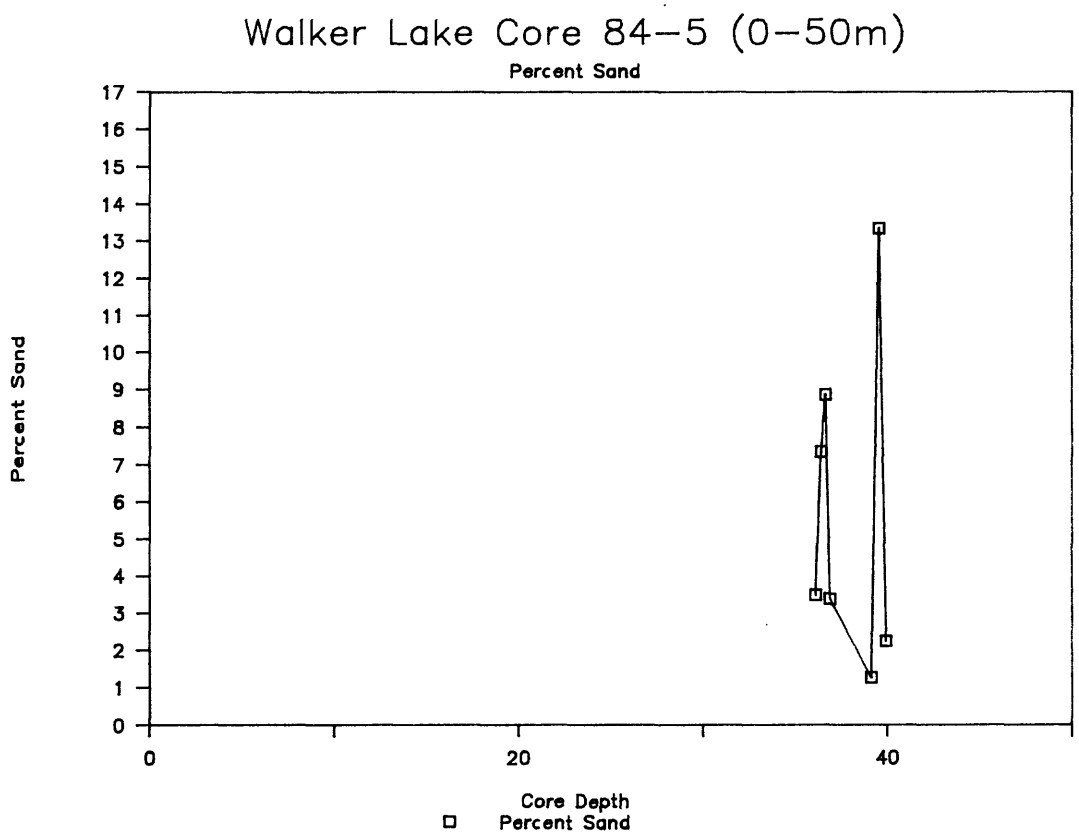
Seq.No.	TopInt.	Btm.Int.	Depth	%snd	%slt	%cly	slt/cly	Mode1	Mode2	Mode3
5	2.10	2.13	36.090	3.494	75.767	20.739	3.653	6.50		
5	2.40	2.45	36.400	7.348	26.526	66.126	0.401	7.75	8.50	
5	2.66	2.71	36.660	8.859	22.475	68.666	0.327	8.00	8.75	
5	2.90	2.93	36.880	3.387	73.204	23.409	3.127	6.25	8.50	
6	2.10	2.13	39.140	1.267	61.086	37.647	1.623	6.50	8.75	
5	2.50	2.56	39.550	13.344	67.843	18.813	3.606	6.00	7.00	8.75
6	2.90	2.93	39.940	2.253	62.197	35.551	1.750	6.50	7.00	8.75
7	1.70	1.74	50.490	1.355	33.599	65.047	0.517	8.75	4.50	
7	2.02	2.06	50.780	12.912	58.175	28.913	2.012	4.75	5.75	8.00
7	2.60	2.65	51.370	10.081	50.211	39.708	1.264	6.00	8.50	7.75
7	2.90	2.93	51.690	1.112	60.005	38.883	1.543	6.00	7.00	8.50
8	0.37	0.42	52.220	1.516	66.743	31.741	2.103	6.25	8.00	7.25
8	0.60	0.63	52.420	1.608	47.956	50.436	0.951	6.50	7.50	
8	0.97	1.01	52.800	5.131	47.985	46.884	1.023	8.75	7.50	
8	1.60	1.63	53.420	1.252	56.355	42.392	1.329	7.00	7.50	
9	1.68	1.71	54.860	3.654	61.359	34.987	1.754	6.00	6.75	8.75
9	1.93	1.98	55.120	2.860	71.835	25.305	2.839	6.25	7.50	5.00
9	2.21	2.26	55.400	9.290	71.262	19.448	3.664	5.50	6.25	7.75
9	2.60	2.64	55.780	2.665	36.598	60.737	0.603	7.75		
9	2.96	3.01	56.150	3.450	71.158	25.393	2.802	6.25	7.00	8.75
11	0.05	0.10	60.430	4.676	55.422	39.903	1.389	7.50	8.00	6.75
12	0.34	0.37	60.710	3.031	55.223	41.746	1.323	8.00	6.50	7.25
12	0.68	0.72	61.050	3.990	90.912	5.098	17.832	6.00		
12	1.00	1.05	61.380	4.149	75.435	20.416	3.695	6.25	7.00	
12	1.60	1.64	61.970	1.420	73.364	25.217	2.909	6.00	8.75	
12	2.00	2.05	62.380	10.530	81.283	8.186	9.929	6.25	5.75	
12	2.28	2.32	62.650	3.369	80.154	16.477	4.865	6.00		
12	2.65	2.70	63.030	7.695	82.004	10.301	7.961	6.00	5.50	
12	2.89	2.92	63.260	2.480	71.287	26.233	2.717	6.75	6.00	8.75
13	0.15	0.20	63.560	7.626	79.366	13.008	6.101	6.00		
13	0.42	0.47	63.830	6.608	74.312	19.080	3.895	6.25	6.75	7.25
13	0.73	0.78	64.140	4.618	73.015	22.367	3.264	6.75	7.50	
13	1.00	1.03	64.400	3.609	68.688	27.703	2.479	6.25	6.75	
15	0.05	0.08	67.970	10.567	69.096	20.337	3.398	6.00	7.25	8.50
15	0.40	0.45	68.330	4.350	76.960	18.690	4.118	5.75	6.25	6.75
15	0.66	0.71	68.590	10.749	73.141	16.110	4.540	6.25	5.75	6.75
16	2.10	2.15	73.280	10.536	78.818	10.646	7.403	6.00	4.50	6.75
16	2.44	2.70	73.620	16.152	74.004	9.844	7.518	5.75		
16	2.78	2.82	73.950	5.130	68.066	26.803	2.539	6.25	7.00	8.50
16	2.95	2.99	74.120	1.993	82.953	15.054	5.510	6.00	6.50	7.00
17	2.42	2.47	74.760	5.529	77.845	16.627	4.682	6.25		
17	2.65	2.70	74.990	5.493	74.292	20.215	3.675	6.25	7.00	
17	2.93	2.99	75.270	6.618	69.859	23.523	2.970	6.25	7.75	
18	0.00	0.06	75.930	1.635	58.458	39.907	1.465	7.00	6.50	
18	0.25	0.30	76.180	10.067	75.094	14.839	5.061	5.75	7.75	
19	0.39	0.44	79.060	16.125	72.048	11.826	6.092	5.75	7.00	6.50
19	0.62	0.69	79.300	2.672	81.551	15.777	5.169	5.75	6.75	
20	0.00	0.05	80.190	10.893	81.479	7.628	10.682	5.75	6.50	7.00
19	0.00	0.05	80.190	3.936	82.490	13.574	6.077	5.75	6.50	7.00
20	0.25	0.30	80.440	7.039	83.060	9.900	8.390	5.75		
20	0.42	0.47	80.610	7.551	74.736	17.713	4.219	6.00	7.50	
22	2.18	2.21	84.730	4.129	81.011	14.860	5.452	6.00	6.50	
22	2.41	2.46	84.970	4.350	84.162	11.488	7.326	4.25	5.75	6.25

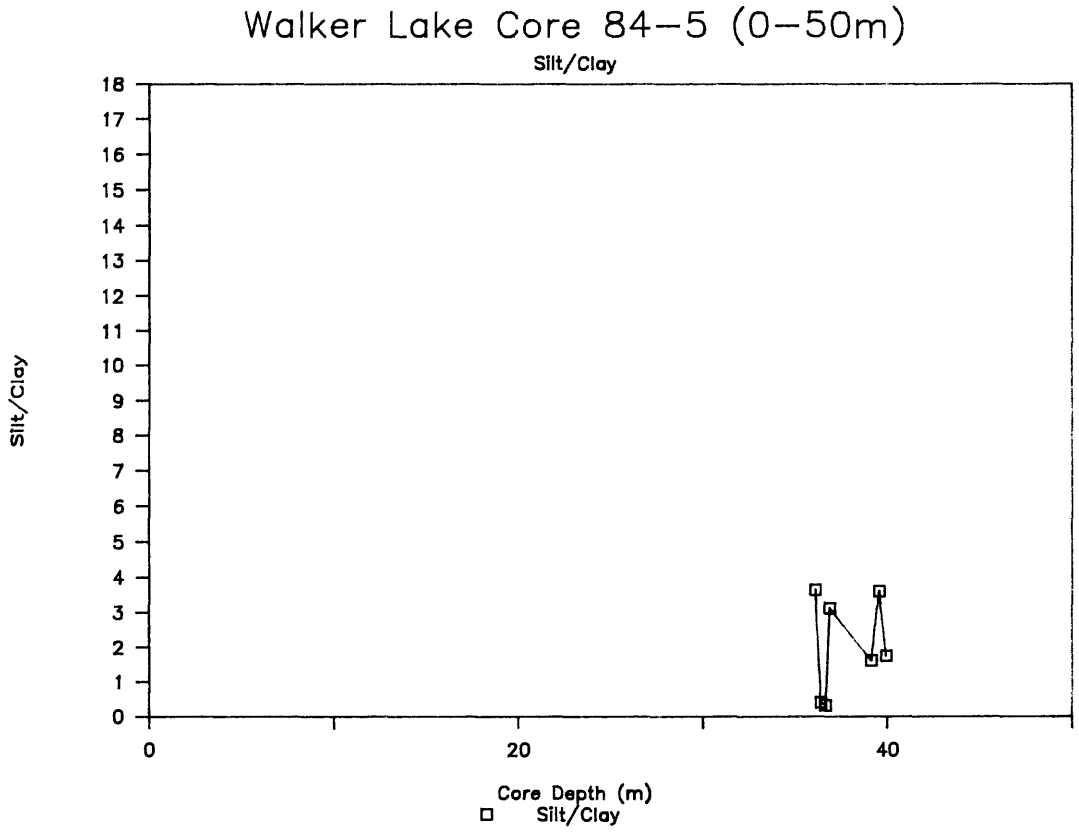
Walker Lake Core 84-5
Class Percents and Principal Size Modes

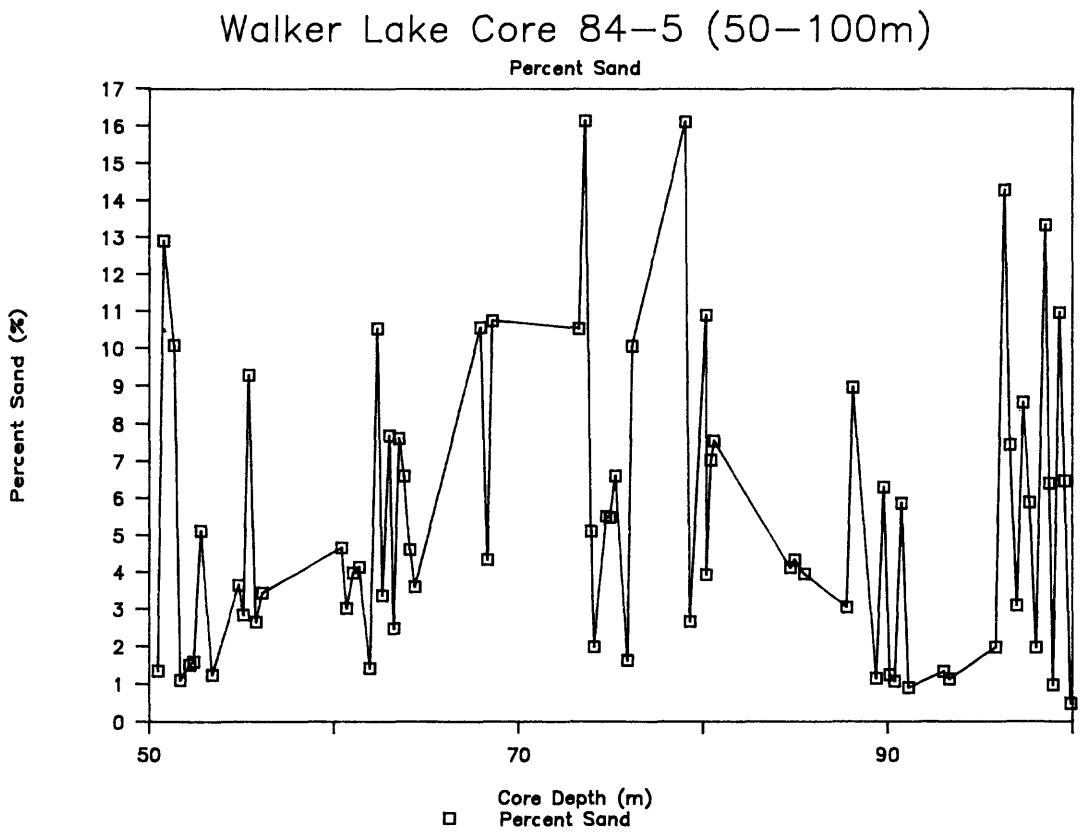
Seg.No.	TopInt.	Btm.Int.	Depth	%snd	%slt	%cly	slt/cly	Mode1	Mode2	Mode3
22	2.84	2.89	85.500	3.950	84.588	11.462	7.380	5.75	4.25	
23	0.00	0.05	87.810	3.059	74.848	22.093	3.388	6.25	6.75	7.25
23	0.32	0.37	88.130	8.973	70.171	20.856	3.365	6.00	6.50	
24	1.82	1.86	89.410	1.153	76.903	21.944	3.505	6.00	6.50	7.25
24	2.20	2.25	89.800	6.317	69.625	24.058	2.894	6.50	7.25	
24	2.53	2.58	90.130	1.252	74.643	24.104	3.097	7.50		
24	2.82	2.86	90.410	1.075	74.402	24.524	3.034	6.00	6.50	7.00
24	3.17	3.22	90.770	5.884	87.114	7.002	12.441	5.50	4.50	
24	3.57	3.61	91.160	0.908	63.964	35.128	1.821	7.50	7.00	6.50
25	2.50	2.57	93.040	1.334	66.481	32.185	2.066	7.50		
25	2.85	2.89	93.370	1.140	77.160	21.700	3.556	6.25	7.00	
26	0.50	0.54	95.860	1.990	79.084	18.926	4.179	6.25	8.75	
26	0.97	1.02	96.340	14.290	74.242	11.468	6.474	5.75	6.25	6.75
26	1.27	1.32	96.640	7.446	81.327	11.227	7.244	5.75	6.75	
26	1.65	1.69	97.010	3.102	75.532	21.366	3.535	6.75		
26	1.99	2.04	97.370	8.575	77.455	13.970	5.545	5.75	6.75	
26	2.34	2.39	97.720	5.907	70.090	24.003	2.920	6.00	6.50	7.00
26	2.65	2.69	98.060	1.975	73.352	24.673	2.973	6.25	7.00	
27	1.54	1.59	98.560	13.339	73.211	13.450	5.443	5.75	8.75	
27	1.74	1.79	98.760	6.408	76.043	17.548	4.333	5.75		
27	1.98	2.02	98.990	0.974	79.627	19.399	4.105	6.00	8.75	
27	2.30	2.35	99.320	10.963	76.768	12.269	6.257	6.00	6.50	7.00
27	2.57	2.62	99.590	6.478	78.016	15.506	5.031	5.75	6.75	
27	2.90	2.94	99.930	0.491	78.761	20.748	3.796	6.75	8.50	
28	1.57	1.61	100.130	6.352	81.099	12.549	6.463	5.75	6.25	6.75
28	1.87	1.92	100.440	4.117	80.762	15.121	5.341	6.00		
28	2.18	2.23	100.750	7.617	73.879	18.504	3.993	6.00		
28	2.40	2.44	100.960	1.214	76.520	22.266	3.437	6.25	8.75	
28	2.59	2.64	101.160	4.067	76.200	19.733	3.861	6.00	6.50	8.50
28	2.83	2.89	101.400	3.486	69.857	26.657	2.621	6.00	6.50	7.00
29	2.87	2.91	101.680	2.276	72.364	25.359	2.854	5.75	6.25	6.75
31	0.13	0.17	106.470	1.443	64.112	34.446	1.861	6.75	7.75	6.25
31	0.44	0.49	106.790	1.262	62.442	36.296	1.720	7.75	7.25	8.50
32	2.27	2.32	108.040	6.867	76.695	16.438	4.666	6.00	7.75	
32	2.51	2.56	108.280	2.205	64.643	33.153	1.950	7.00	7.75	
32	2.65	2.69	108.410	2.097	60.161	37.741	1.594	7.50	8.50	
32	2.93	2.98	108.700	3.069	77.409	19.522	3.965	6.25	6.75	5.75
33A	0.06	0.10	111.020	1.948	51.967	46.084	1.128	7.25	8.00	6.75
33A	0.31	0.36	111.280	0.412	50.979	48.609	1.049	7.75	8.25	6.75
33A	0.55	0.60	111.520	0.437	38.043	61.520	0.618	8.75	7.75	
33A	0.86	0.90	111.820	0.586	46.685	52.729	0.885	8.75	7.75	7.25
33A	1.29	1.30	112.220	1.298	27.148	71.554	0.379	8.75	7.75	
33B	1.76	1.81	112.700	1.282	59.152	39.566	1.495	7.25	8.50	7.75
33B	2.15	2.20	113.090	2.627	42.893	54.480	0.787	8.75	7.75	
33B	2.50	2.55	113.440	0.784	45.381	53.834	0.843	7.00	4.25	
33B	2.86	2.90	113.820	0.962	56.551	42.487	1.331	8.50	7.75	4.50
34A	0.20	0.24	118.780	2.856	46.381	50.763	0.914	8.25	7.50	
34A	0.52	0.57	119.110	1.194	43.178	55.628	0.776	8.75	8.00	
34A	0.87	0.93	119.460	2.607	73.113	24.280	3.011	6.00	7.00	
34A	1.20	1.26	119.790	1.667	54.201	44.132	1.228	8.75	7.75	6.75
34B	1.41	1.45	119.990	2.245	53.020	44.735	1.185	7.25	8.25	4.25
34B	1.88	1.93	120.470	0.652	49.545	49.803	0.995	8.75	8.00	
34B	2.35	2.39	120.930	0.463	64.639	34.898	1.852	5.75	6.50	7.50

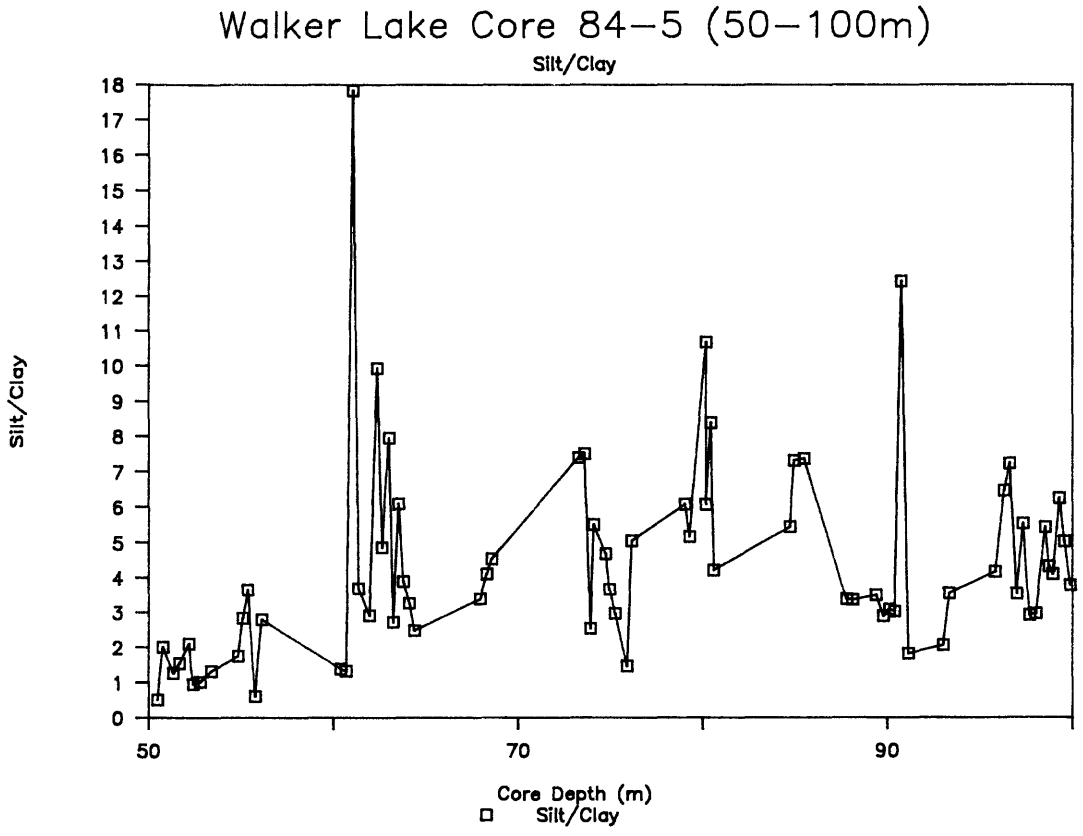
Walker Lake Core 84-5
Class Percents and Principal Size Modes

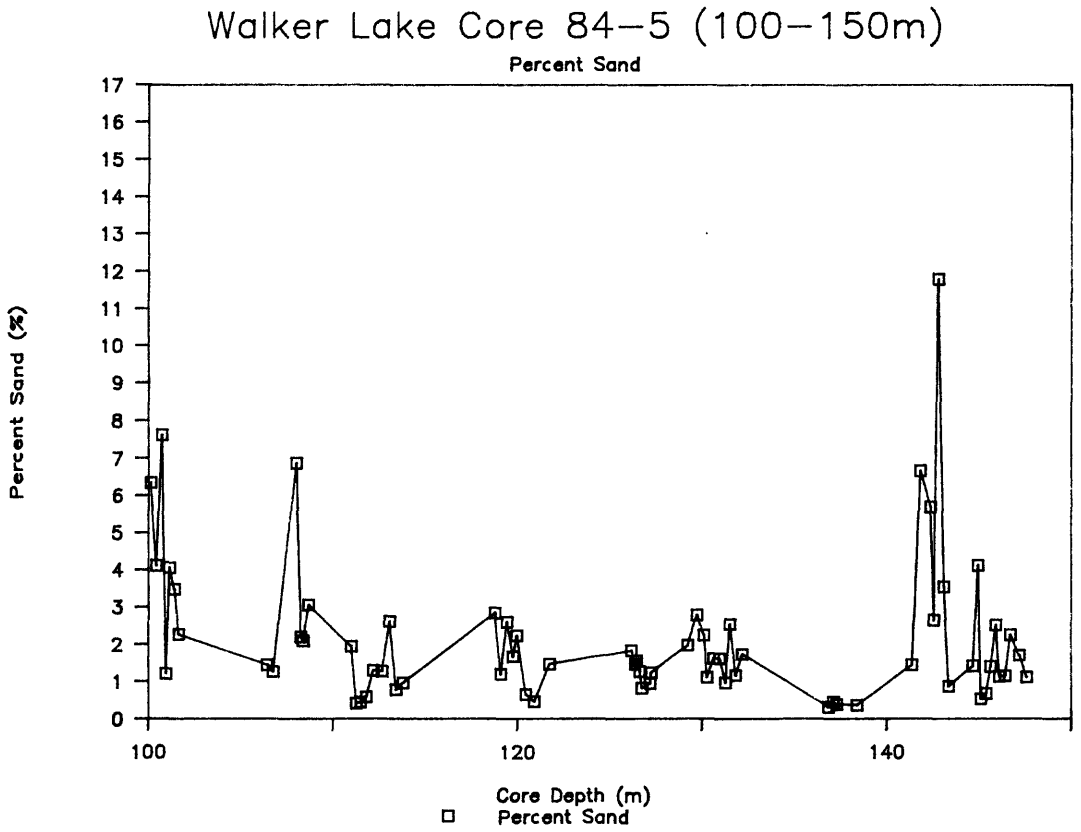
Seq.No.	TopInt.	Btm.Int.	Depth	%snd	%slt	%cly	slt/cly	Mode1	Mode2	Mode3
35	0.12	0.16	121.750	1.470	50.881	47.649	1.068	7.50	8.00	6.75
37	2.40	2.44	126.200	1.846	41.097	57.057	0.720	8.50	7.50	4.25
37	2.58	2.62	126.380	1.474	47.756	50.771	0.941	8.00	7.50	7.00
37	2.69	2.74	126.500	1.565	49.641	48.794	1.017	7.75	6.75	
37	2.84	2.89	126.650	1.274	39.086	59.640	0.655	8.75	7.25	6.75
37	2.95	3.00	126.760	0.821	43.857	55.322	0.793	8.50	7.50	
37	3.41	3.46	127.220	0.945	46.100	52.955	0.871	7.50	8.75	
37	3.46	3.51	127.270	1.237	53.757	45.006	1.194	6.75	7.50	4.25
38	2.27	2.31	129.250	1.991	45.937	52.072	0.882	8.75	7.25	4.50
38	2.76	2.80	129.740	2.803	39.763	57.434	0.692	8.75	7.50	7.00
39	0.86	0.91	130.140	2.258	26.732	71.010	0.376	8.75		
39	1.01	1.05	130.280	1.108	54.094	44.798	1.208	8.50	8.00	7.50
39	1.37	1.42	130.650	1.627	34.952	63.421	0.551	8.50	8.00	4.50
39	1.68	1.73	130.960	1.620	27.891	70.489	0.396	7.75		
39	2.01	2.05	131.280	0.967	52.290	46.744	1.119	8.50	7.50	4.25
39	2.26	2.31	131.540	2.552	43.413	54.035	0.803	7.50	7.00	8.00
39	2.57	2.62	131.850	1.168	28.157	70.675	0.398	8.00	4.25	
39	2.93	2.97	132.220	1.737	36.898	61.365	0.601	8.00	8.50	7.50
40	2.40	2.45	136.870	0.305	43.068	56.627	0.761	7.25	8.75	7.75
40	2.65	2.70	137.120	0.451	41.253	58.296	0.708	7.75	8.50	
40	2.85	2.89	137.310	0.383	41.819	57.798	0.724	8.75	8.00	7.50
41	2.96	3.00	138.410	0.362	36.707	62.932	0.583	8.25	7.75	4.25
42A	0.81	0.85	141.380	1.454	43.548	54.999	0.792	8.50	8.00	7.25
42A	1.26	1.30	141.830	6.663	83.138	10.199	8.152	4.25	6.25	7.00
42A	1.81	1.85	142.380	5.689	78.759	15.552	5.064	5.75	8.50	
42B	1.99	2.04	142.570	2.654	82.764	14.582	5.676	5.75	6.75	
42B	2.22	2.27	142.800	11.799	73.706	14.494	5.085	5.75	7.25	
42B	2.54	2.60	143.120	3.554	73.752	22.694	3.250	6.50	7.00	7.50
42B	2.81	2.85	143.380	0.869	73.952	25.179	2.937	6.00	6.75	
43A	0.26	0.31	144.700	1.426	60.978	37.596	1.622	8.00	8.50	7.00
43A	0.52	0.57	144.960	4.127	65.136	30.737	2.119	8.50	7.25	6.50
43A	0.69	0.73	145.120	0.532	72.433	27.035	2.679	6.75	6.25	8.75
43A	0.96	1.02	145.400	0.678	49.309	50.013	0.986	8.75	8.25	7.75
43A	1.21	1.26	145.650	1.402	71.276	27.321	2.609	7.00	6.00	8.75
43A	1.50	1.55	145.940	2.532	84.241	13.226	6.369	5.50	6.00	6.50
43A	1.68	1.72	146.110	1.136	66.822	32.042	2.085	7.25	6.50	6.00
43B	2.00	2.04	146.450	1.151	78.545	20.304	3.869	5.75	6.50	7.25
43B	2.28	2.32	146.730	2.262	72.678	25.060	2.900	6.00	7.50	7.00
43B	2.78	2.82	147.210	1.709	66.926	31.365	2.134	7.25	4.25	6.00
44	0.11	0.16	147.600	1.121	71.895	26.984	2.664	7.50	6.50	6.00

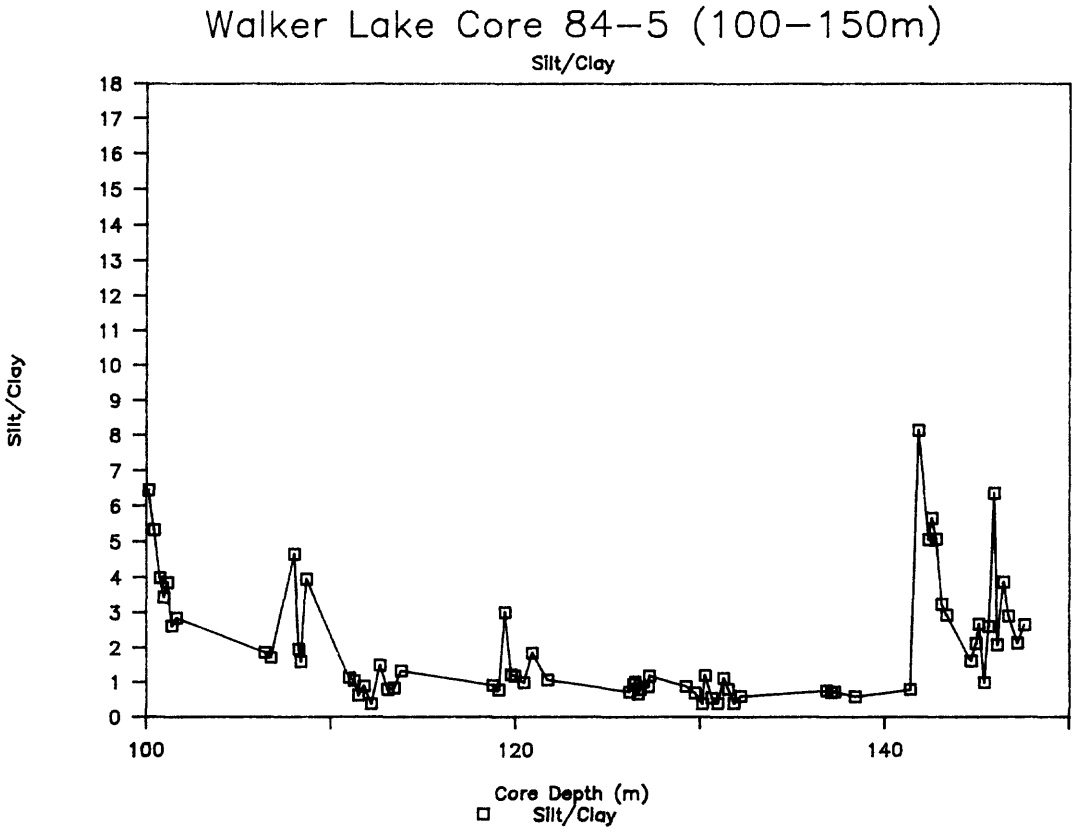

Walker Lake Core 84–5 (0–50m)
Percent Sand
Percent Sand
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
20
40
Core Depth
Percent Sand


Walker Lake Core 84–5 (0–50m)
Silt/Clay
Silt/Clay
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
20
40
Core Depth (m)
Silt/Clay


Walker Lake Core 84–5 (50–100m)
Percent Sand
Percent Sand (%)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
50
70
90
Core Depth (m)
Percent Sand


Walker Lake Core 84–5 (50–100m)
Silt/Clay
Silt/Clay
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
50
70
90
Core Depth (m)
Silt/Clay


Walker Lake Core 84–5 (100–150m)
Percent Sand
Percent Sand (%)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
100
120
140
Core Depth (m)
Percent Sand


Walker Lake Core 84–5 (100–150m)
Silt/Clay
Silt/Clay
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
100
120
140
Core Depth (m)
Silt/Clay

APPENDIX B-3

Walker Lake Core 84-5
Graphic And Moment Statistics

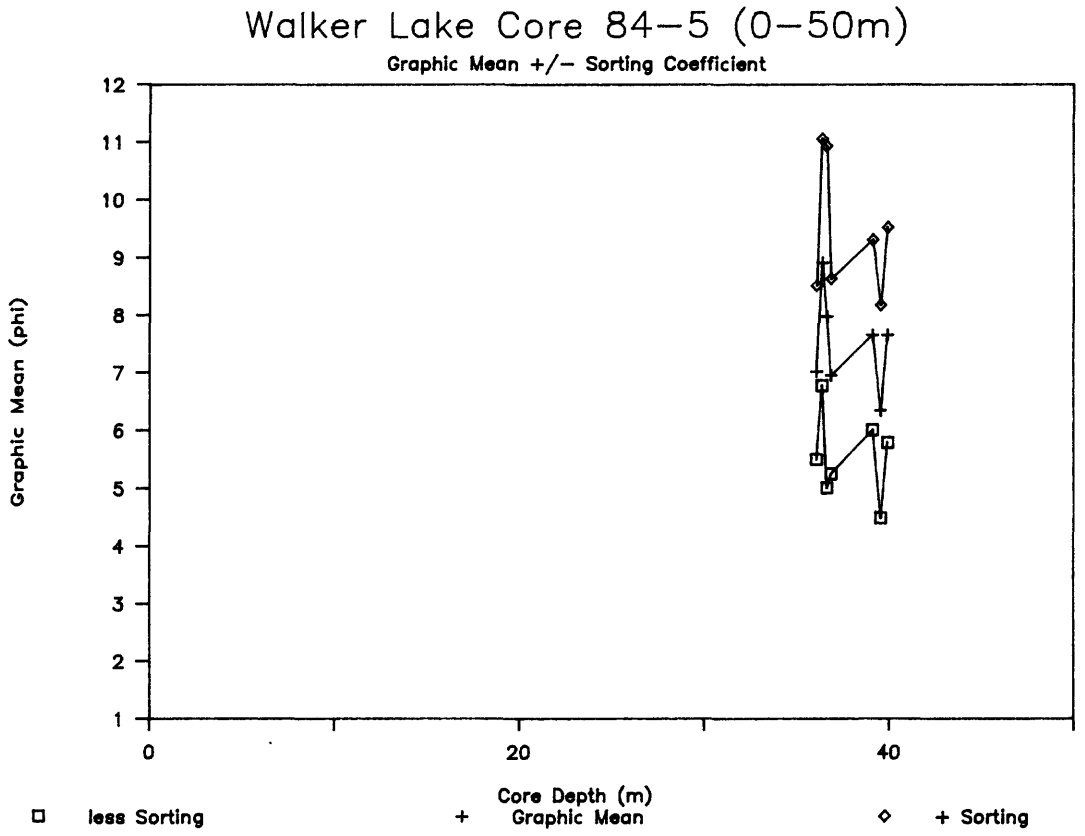
Seq.No.	TopInt.	Btm.Int.	Depth	Md	Mn	So	Sk	Ku	1st	2nd(var)	2nd(sd)	3rd	4th
5	2.10	2.13	36.090	6.7321	7.0104	1.5083	0.2853	1.5438	7.1129	2.9278	1.7111	1.1110	4.4841
5	2.40	2.45	36.400	8.4862	8.9162	2.1420	0.1889	1.9920	8.7892	5.1470	2.2687	-0.4423	2.6550
5	2.66	2.71	36.660	8.5546	7.9756	2.9619	-0.1567	1.9055	8.5503	7.0098	2.6476	-0.4591	2.0735
5	2.90	2.93	36.880	6.7097	6.9433	1.6946	0.2241	1.3471	7.0642	3.4861	1.8671	0.9150	3.7627
6	2.10	2.13	39.140	7.5243	7.6596	1.6492	0.2458	1.3410	7.9172	3.5545	1.8853	0.6763	2.9345
5	2.50	2.56	39.550	5.9232	6.3383	1.8450	0.3523	1.1791	6.5591	4.1068	2.0265	0.9227	3.5474
6	2.90	2.93	39.940	7.3154	7.6637	1.8659	0.3203	1.4062	7.8427	4.2032	2.0502	0.5890	2.6628
7	1.70	1.74	50.490	8.5042	8.7288	2.2615	0.1019	1.5031	8.7436	5.2466	2.2905	-0.2558	2.1792
7	2.02	2.06	50.780	5.4369	6.2453	2.4876	0.5396	0.8970	6.5803	6.9912	2.6441	0.8712	2.3294
7	2.60	2.65	51.370	7.1293	7.5651	2.7264	0.2539	1.0489	7.5276	7.2123	2.6856	0.3856	1.7540
7	2.90	2.93	51.690	7.4212	7.4422	1.8898	0.0979	1.2469	7.6976	4.1667	2.0412	0.5348	2.6867
8	0.37	0.42	52.220	7.1914	7.5567	1.8340	0.4142	1.1240	7.8037	4.2592	2.0638	0.7406	2.5195
8	0.60	0.63	52.420	8.0245	8.1413	2.1341	0.1314	1.2891	8.2888	4.8643	2.2055	0.1846	2.1139
8	0.97	1.01	52.800	7.7592	7.7767	2.4536	0.0633	1.5779	8.1323	5.6589	2.3788	0.0233	2.1295
8	1.60	1.63	53.420	7.7052	7.8464	1.7972	0.1435	1.7209	8.0031	3.8843	1.9709	0.3752	2.8619
9	1.68	1.71	54.860	7.2125	7.3534	1.9398	0.1630	1.2612	7.5735	4.3559	2.0871	0.5928	2.7100
9	1.93	1.98	55.120	6.9008	7.1626	1.6869	0.3071	1.2478	7.3254	3.6059	1.8989	0.9459	3.4312
9	2.21	2.26	55.400	6.1591	6.5800	1.8616	0.3520	1.2276	6.6670	4.1543	2.0382	1.0436	3.5982
9	2.60	2.64	55.780	8.4767	8.6947	2.3348	0.0855	1.4585	8.7086	5.4702	2.3388	-0.2542	2.1582
9	2.96	3.01	56.150	6.8057	7.1286	1.9621	0.2954	1.3238	7.2957	4.4982	2.1209	0.8163	2.9065
11	0.05	0.10	60.430	7.6012	7.8194	2.0794	0.1766	1.4666	7.9914	4.7706	2.1842	0.2977	2.3764
12	0.34	0.37	60.710	7.6731	7.7862	1.9531	0.1296	1.4565	7.9735	4.3173	2.0778	0.3721	2.5596
12	0.68	0.72	61.050	6.0124	6.0746	1.0637	0.0937	1.2327	6.1328	1.5080	1.2280	1.3727	7.6304
12	1.00	1.05	61.380	6.7353	6.9702	1.6433	0.2150	1.3968	7.0508	3.2147	1.7930	0.9978	4.0543
12	1.60	1.64	61.970	6.8836	7.1069	1.5766	0.2594	1.2433	7.2394	3.1399	1.7720	0.9824	3.8832
12	2.00	2.05	62.380	6.1830	6.2546	1.2675	0.0808	1.3603	6.2919	2.4416	1.5626	1.2368	5.9315
12	2.28	2.32	62.650	6.6154	6.8502	1.3609	0.2167	1.3075	6.9123	2.5316	1.5911	1.1648	5.0922
12	2.65	2.70	63.030	5.9690	6.1794	1.3166	0.1802	1.1267	6.2272	2.4942	1.5793	1.1887	5.4488
12	2.89	2.92	63.260	7.0379	2.7371	1.4544	0.1699	1.2367	7.3017	2.7371	1.6544	0.9027	4.2687
13	0.15	0.20	63.560	6.5061	6.7001	1.2580	0.1159	1.4543	6.6560	2.2148	1.4882	0.7828	5.3306
13	0.42	0.47	63.830	6.5987	6.7859	1.4949	0.1165	1.2059	6.8246	2.8502	1.6882	0.8893	4.4321
13	0.73	0.78	64.140	6.9000	7.0699	1.6800	0.1836	1.5788	7.1451	3.4800	1.8655	0.8148	3.7978
13	1.00	1.03	64.400	6.9992	7.1911	1.6743	0.2027	1.3924	7.3501	3.3863	1.8402	0.8272	3.6512
15	0.05	0.08	67.970	6.5535	6.7449	1.6593	0.1544	1.2968	6.7805	3.5244	1.8773	0.7759	3.8078
15	0.40	0.45	68.330	6.5807	6.8057	1.7895	0.3131	1.6742	6.8716	2.8031	1.6742	1.0932	4.6844
15	0.66	0.71	68.590	6.4756	6.6413	1.5324	0.1525	1.3830	6.6739	3.0590	1.7490	0.8973	4.4750
16	2.10	2.15	73.280	6.1380	6.0139	1.5177	-0.0355	1.2101	6.2576	2.7211	1.6496	0.9676	4.8846
16	2.44	2.70	73.620	6.0002	5.8075	1.6025	-0.0331	1.2287	6.1576	2.8047	1.6747	1.1051	5.1725
16	2.78	2.82	73.950	7.0103	7.2436	1.7798	0.2402	1.6712	7.4018	3.7927	1.9475	0.7527	3.4101
16	2.95	2.99	74.120	6.3446	6.6179	1.1718	0.3891	1.0083	6.7322	2.2940	1.5146	1.5274	5.8267
17	2.42	2.47	74.760	6.5961	6.7899	1.4102	0.1276	1.4278	6.8307	2.4845	1.5762	1.0155	5.1561
17	2.65	2.70	74.990	6.8646	7.0272	1.5028	0.1276	1.5777	7.0883	2.9049	1.7044	0.8972	4.4894
17	2.93	2.99	75.270	6.9993	7.1976	1.5793	0.1746	1.6830	7.2380	3.3043	1.8178	0.6891	3.9125
18	0.00	0.06	75.930	7.6207	7.8494	1.9450	0.1983	1.5971	8.0207	4.2404	2.0592	0.4006	2.5916
18	0.25	0.30	76.180	6.1918	6.4700	1.5128	0.2500	1.2475	6.5448	3.1650	1.7790	1.0883	4.5522
19	0.39	0.44	79.060	6.1015	5.9101	1.6826	-0.0373	1.1823	6.2785	2.8365	1.6842	0.8582	4.5159
19	0.62	0.69	79.300	6.4444	6.6441	1.2289	0.2507	0.9205	6.7212	2.4002	1.5493	1.2236	5.2162
20	0.00	0.05	80.190	5.8239	5.7387	1.4603	0.0251	0.8565	5.9335	2.4748	1.5732	1.1047	5.2049
19	0.00	0.05	80.190	6.3089	6.5242	1.3223	0.1701	1.1750	6.5754	2.4223	1.5564	1.1744	5.3497
20	0.25	0.30	80.440	6.1068	6.3271	1.2546	0.2064	1.4232	6.3665	2.1481	1.4656	1.3291	6.3364
20	0.42	0.47	80.610	6.5922	6.7767	1.5255	0.1387	1.3947	6.8356	3.0471	1.7456	0.9143	4.4094
22	2.18	2.21	84.730	6.4278	6.6529	1.2148	0.2289	1.0382	6.7216	2.2691	1.5064	1.1997	5.5087
22	2.41	2.46	84.970	6.1516	6.0327	1.5379	-0.0138	1.1013	6.2530	2.5107	1.5845	0.7827	4.3788

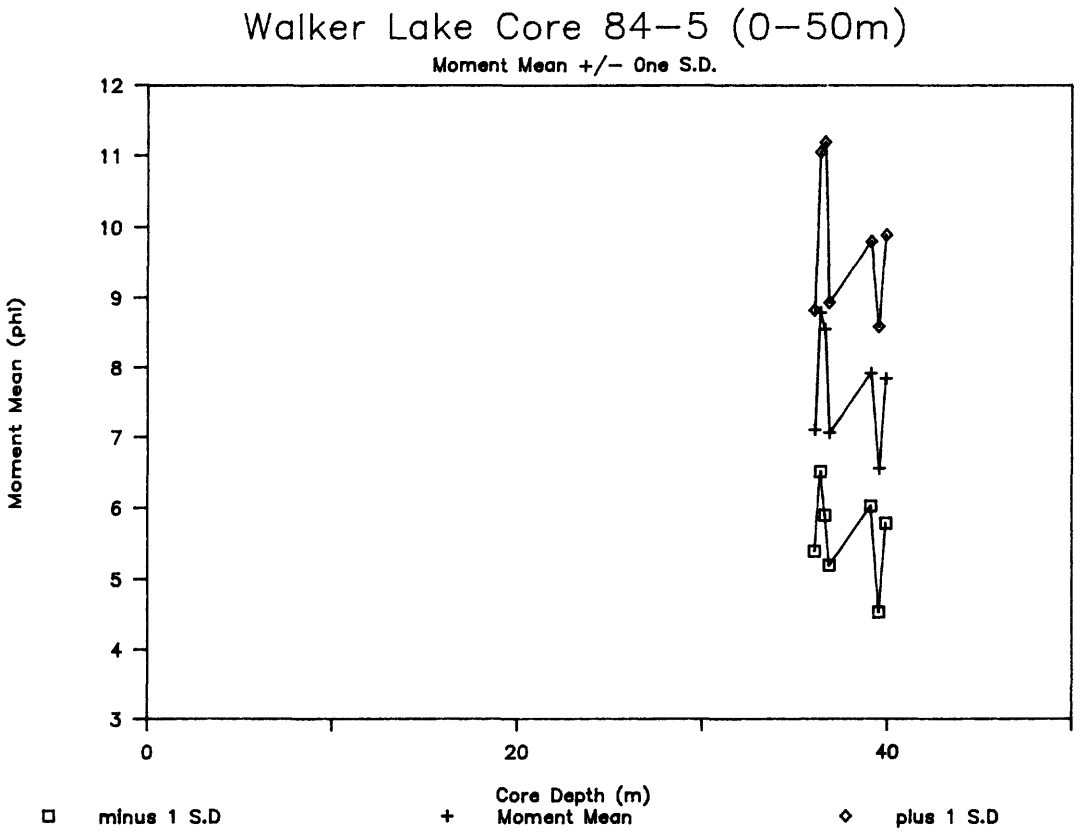
Walker Lake Core 84-5
Graphic And Moment Statistics

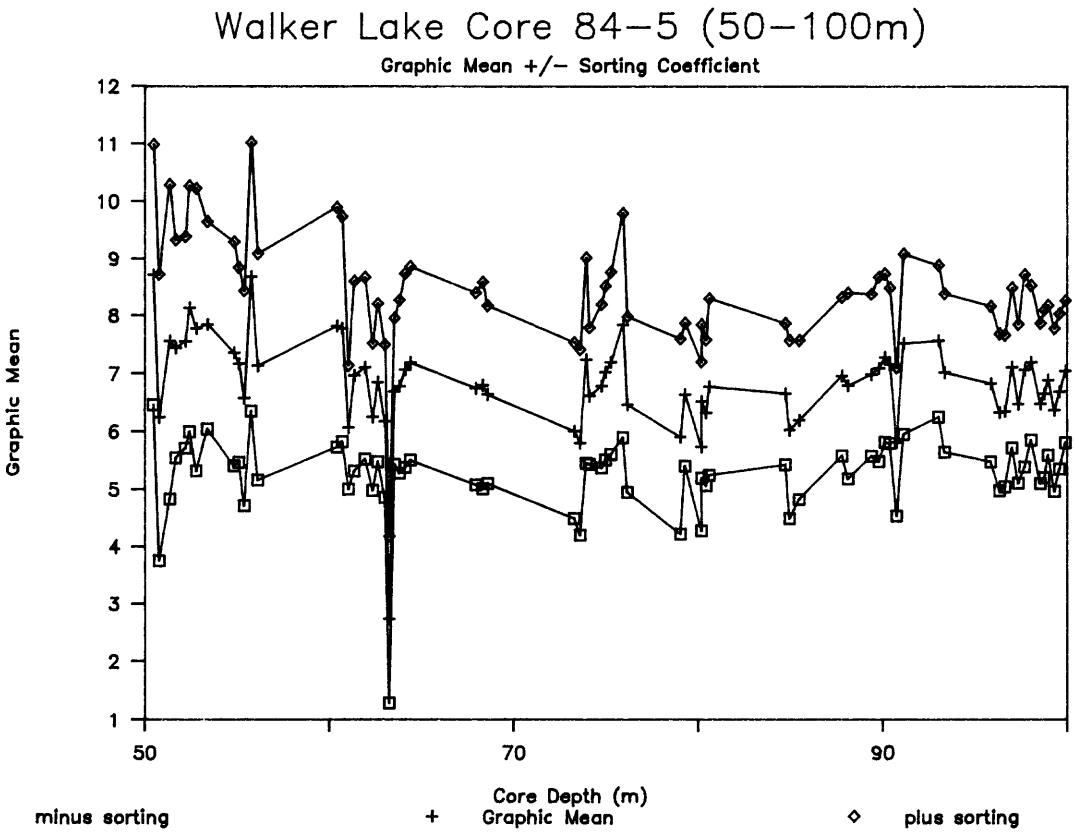
Seq.No.	TopInt.	Btm.Int.	Depth	Md	Mn	So	Sk	Ku	1st	2nd(var)	2nd(sd)	3rd	4th
22	2.84	2.89	85.500	5.9658	6.2003	1.3680	0.2142	1.0693	6.2493	2.3898	1.5459	1.0425	4.9317
23	0.00	0.05	87.810	6.8153	6.9630	1.3691	0.0858	1.0802	7.0146	2.4928	1.5789	0.8688	4.5457
23	0.32	0.37	88.130	6.5756	6.7995	1.6067	0.1604	1.2171	6.8297	3.3340	1.8259	0.7738	3.8919
24	1.82	1.86	89.410	6.7999	6.9855	1.3985	0.2880	1.0631	7.1003	2.8030	1.6742	1.1297	4.3818
24	2.20	2.25	89.800	6.9219	7.0904	1.5979	0.1220	1.3987	7.1196	3.2274	1.7965	0.6925	3.8860
24	2.53	2.58	90.130	7.2098	7.2827	1.4589	0.0735	1.6509	7.3778	2.7036	1.6442	0.8272	4.4125
24	2.82	2.86	90.410	7.0335	7.1521	1.3447	0.2152	1.1226	7.2809	2.5987	1.6120	1.0330	4.4587
24	3.17	3.22	90.770	5.6199	5.8199	1.2796	0.2275	1.2998	5.8907	1.8685	1.3669	1.4205	6.4730
24	3.57	3.61	91.160	7.4313	7.5267	1.5637	0.1803	1.4339	7.7575	3.1515	1.7753	0.7227	3.4723
25	2.50	2.57	93.040	7.4579	7.5747	1.3150	0.2219	1.4259	7.7126	2.5061	1.5831	0.8296	4.3354
25	2.85	2.89	93.370	6.9226	7.0200	1.3690	0.0713	1.1773	7.0957	2.4566	1.5674	0.9695	4.7047
26	0.50	0.54	95.860	6.5986	6.8299	1.3409	0.2480	1.0566	6.9025	2.5468	1.5959	1.1582	4.8337
26	0.97	1.02	96.340	6.2133	6.3358	1.3479	0.0867	1.1979	6.3348	2.5969	1.6115	0.8041	4.6988
26	1.27	1.32	96.640	6.1643	6.3575	1.3033	0.1557	1.2228	6.3895	2.1605	1.4699	1.0567	5.4632
26	1.65	1.69	97.010	6.9587	7.1117	1.3816	0.1358	1.5063	7.1932	2.5245	1.5889	0.9620	4.8831
26	1.99	2.04	97.370	6.3078	6.4842	1.3714	0.1086	1.2058	6.4980	2.5526	1.5977	0.9592	4.8746
26	2.34	2.39	97.720	6.8961	7.0667	1.6654	0.1268	1.4206	7.1408	3.2872	1.8131	0.7587	3.8394
26	2.65	2.69	98.060	7.0110	7.2014	1.3395	0.2306	1.2301	7.2868	2.5570	1.5991	0.9691	4.6004
27	1.54	1.59	98.560	6.3919	6.4903	1.3812	0.0491	1.2481	6.4794	2.6981	1.6426	0.7080	4.4667
27	1.74	1.79	98.760	6.3664	6.6596	1.4480	0.1884	1.1797	6.6549	2.8467	1.6872	0.9256	4.4365
27	1.98	2.02	98.990	6.6766	6.8959	1.2900	0.1964	1.0760	6.9506	2.3699	1.5395	1.1046	4.9810
27	2.30	2.35	99.320	6.3095	6.3773	1.4044	0.0409	1.1644	6.4040	2.5223	1.5882	0.7912	4.6102
27	2.57	2.62	99.590	6.5738	6.6989	1.3385	0.0387	1.2020	6.7125	2.4469	1.5643	0.8736	4.8895
27	2.90	2.94	99.930	6.9009	7.0488	1.2269	0.2384	1.0927	7.1663	2.2610	1.5036	1.2663	5.1669
28	1.57	1.61	100.130	6.5179	6.6026	1.2807	0.0326	1.3143	6.6308	2.1038	1.4504	0.9600	5.5867
28	1.87	1.92	100.440	6.2637	6.5101	1.3580	0.1872	1.0941	6.5532	2.2787	1.5095	1.0539	5.0259
28	2.18	2.23	100.750	6.5684	6.8165	1.5230	0.1887	1.3798	6.8213	3.1097	1.7629	0.8970	4.2819
28	2.40	2.44	100.960	6.8570	7.0938	1.3033	0.3763	1.1331	7.2357	2.5431	1.5947	1.3170	4.7687
28	2.59	2.64	101.160	6.7440	6.9439	1.2976	0.0956	1.0828	6.9614	2.2699	1.5066	0.8893	4.9769
28	2.83	2.89	101.400	6.9774	7.1970	1.5000	0.3144	1.1615	7.3351	3.1347	1.7705	0.9841	3.8557
29	2.87	2.91	101.680	6.8324	7.0131	1.6458	0.2299	1.1575	7.1725	3.3550	1.8317	0.9425	3.6919
31	0.13	0.17	106.470	7.3960	7.4002	1.6395	0.0654	1.3281	7.5781	3.2025	1.7895	0.6699	3.4497
31	0.44	0.49	106.790	7.5254	7.5889	1.4149	0.2622	1.2547	7.8455	3.0306	1.7409	0.7787	3.4944
32	2.27	2.32	108.040	6.4927	6.7083	1.4018	0.1113	1.2608	6.7195	2.5971	1.6116	0.9524	4.8865
32	2.51	2.56	108.280	7.4652	7.5658	1.6135	0.1002	1.7498	7.6573	3.3169	1.8212	0.5027	3.5809
32	2.65	2.69	108.410	7.5478	7.6514	1.6824	0.1237	1.7354	7.8339	3.5460	1.8831	0.4406	3.2472
32	2.93	2.98	108.700	6.7499	6.8914	1.4092	0.1155	1.2072	6.9781	2.6103	1.6156	0.9748	4.6480
33A	0.06	0.10	111.020	7.8522	8.0959	2.1992	0.1605	1.5587	8.1731	5.3023	2.3027	0.0996	2.1643
33A	0.31	0.36	111.280	7.9207	8.0507	2.0307	0.1123	1.5957	8.1826	4.4884	2.1186	0.2149	2.3829
33A	0.55	0.60	111.520	8.3264	8.4155	1.5239	0.2284	1.8310	8.5981	3.1643	1.7789	0.2529	2.9770
33A	0.86	0.90	111.820	8.1023	8.0028	1.7148	-0.0403	1.8365	8.2019	3.5341	1.8799	0.1938	2.9838
33A	1.29	1.30	112.220	8.6263	8.8703	1.9856	0.1164	2.3328	8.8474	4.1770	2.0438	-0.3666	2.9213
33B	1.76	1.81	112.700	7.5597	7.5412	1.6413	0.1525	1.2487	7.8375	3.5431	1.8823	0.6313	2.9216
33B	2.15	2.20	113.090	8.1892	8.3014	1.9730	0.0891	1.8541	8.3762	4.3711	2.0907	0.0401	2.5149
33B	2.50	2.55	113.440	8.2087	8.0594	1.8207	-0.0724	1.6550	8.1670	4.0310	2.0077	0.0986	2.7080
33B	2.86	2.90	113.820	7.7329	7.7951	1.8254	0.0856	1.6360	7.9568	4.0460	2.0115	0.3092	2.7745
34A	0.20	0.24	118.780	8.0228	8.0368	1.8102	0.0226	2.0112	8.1341	3.9749	1.9937	0.1369	2.9185
34A	0.52	0.57	119.110	8.2346	8.3634	1.8145	0.1183	2.1510	8.4822	3.7053	1.9249	0.1340	2.7636
34A	0.87	0.93	119.460	6.8875	7.0302	1.4560	0.1796	1.0236	7.1182	2.8322	1.6829	0.9397	4.1391
34A	1.20	1.26	119.790	7.7610	7.8603	2.0052	0.1007	1.5951	7.9972	4.6238	2.1503	0.2327	2.4614
34B	1.41	1.45	119.990	7.7481	7.9036	1.8613	0.1306	1.8237	8.0071	4.2510	2.0618	0.2021	2.7575
34B	1.88	1.93	120.470	7.9932	8.0795	1.8495	0.0910	1.8836	8.2075	4.0201	2.0050	0.2025	2.6599
34B	2.35	2.39	120.930	7.3338	7.2656	1.6853	0.1239	1.1641	7.5469	3.6042	1.8985	0.7309	3.0907

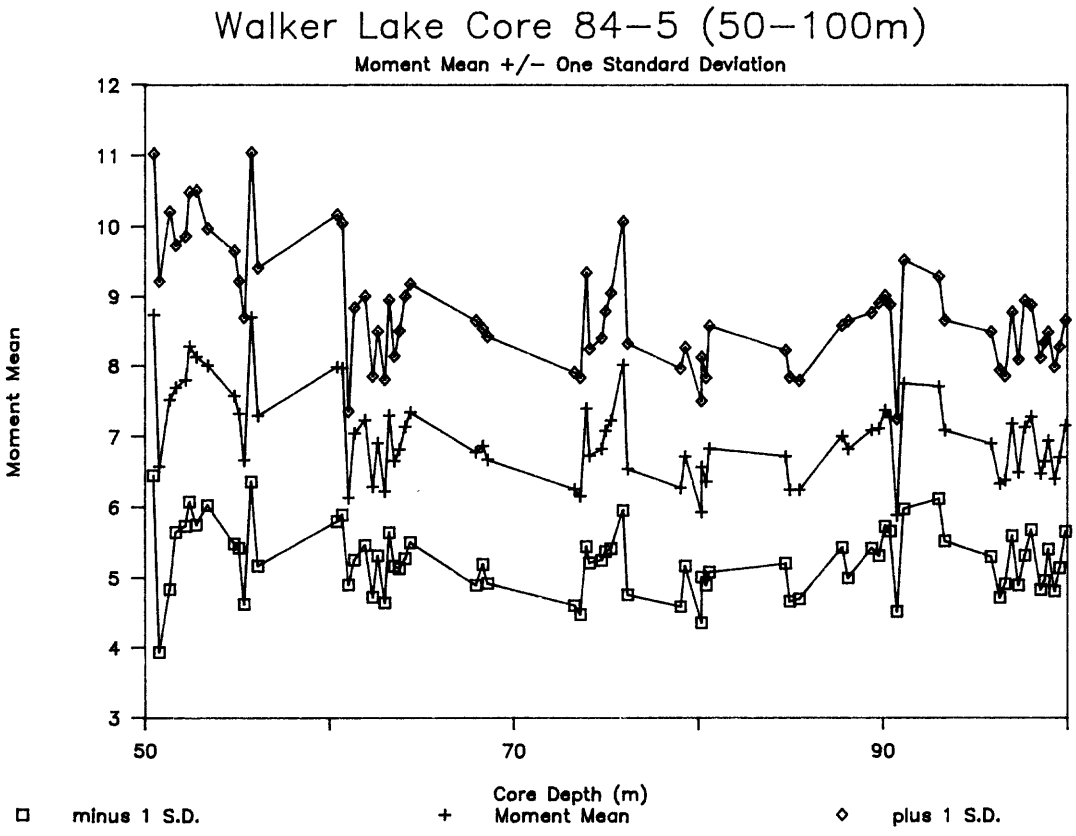
Walker Lake Core 84-5
Graphic And Moment Statistics

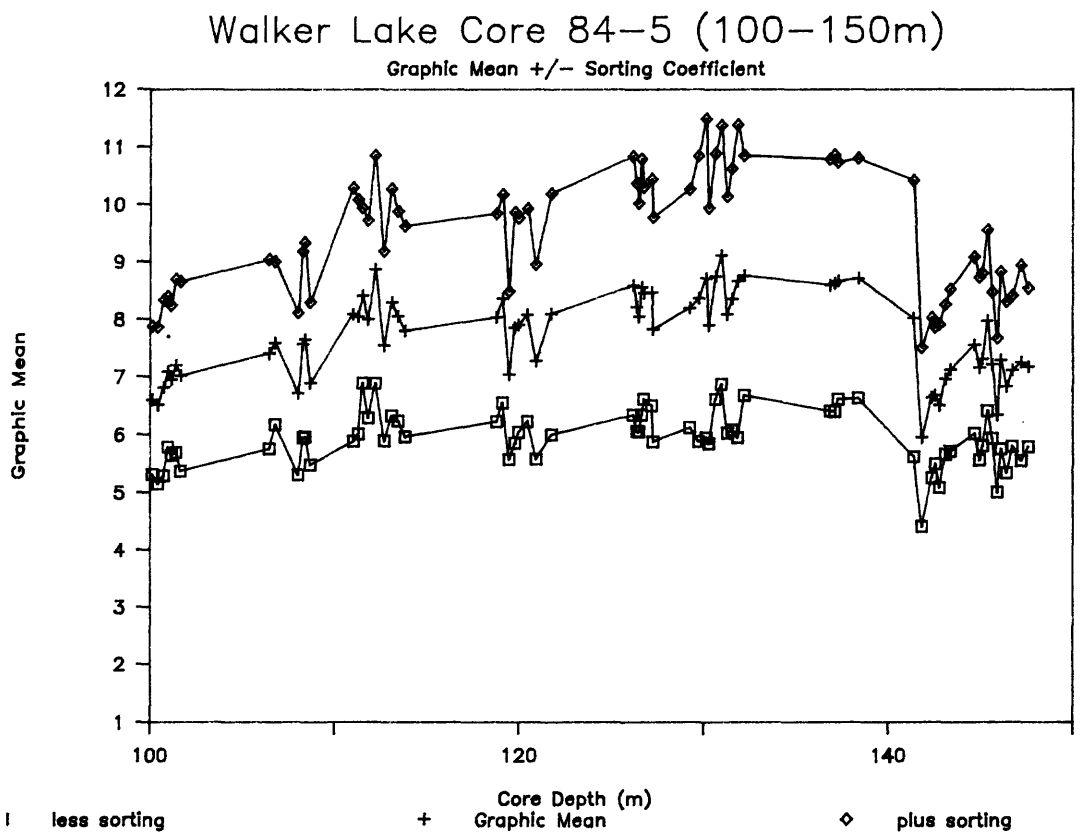
Seq.No.	TopInt.	Btm.Int.	Depth	Md	Mn	So	Sk	Ku	1st	2nd(var)	2nd(sd)	3rd	4th
35	0.12	0.16	121.750	7.9099	8.1022	2.0955	0.1434	1.5968	8.2526	4.6415	2.1544	0.1712	2.3151
37	2.40	2.44	126.200	8.2857	8.5924	2.2534	0.1375	1.5854	8.5092	5.6326	2.3733	-0.1962	2.1882
37	2.58	2.62	126.380	8.0317	8.2165	2.1571	0.1050	1.7437	8.2589	5.1213	2.2630	0.0010	2.2552
37	2.69	2.74	126.500	7.9436	8.0422	1.9875	0.0994	1.5954	8.1592	4.5121	2.1242	0.1838	2.4157
37	2.84	2.89	126.650	8.3859	8.5658	2.2269	0.0886	1.6040	8.6260	4.9989	2.2358	-0.1528	2.2542
37	2.95	3.00	126.760	8.2310	8.4605	1.8488	0.2269	1.6132	8.5868	3.8335	1.9579	0.2344	2.3785
37	3.41	3.46	127.220	8.1420	8.4718	1.9710	0.2348	1.6595	8.5584	4.1498	2.0371	0.1377	2.4022
37	3.46	3.51	127.270	7.7696	7.8284	1.9453	0.0805	1.5318	7.9782	4.4384	2.1067	0.2524	2.5231
38	2.27	2.31	129.250	8.1116	8.1981	2.0735	0.0655	1.7808	8.2404	4.9520	2.2253	-0.0043	2.3513
38	2.76	2.80	129.740	8.3499	8.3699	2.4791	0.0229	1.4061	8.4972	6.0166	2.4529	-0.2049	2.0325
39	0.86	0.91	130.140	8.7446	8.7199	2.7684	-0.0144	1.3611	9.0472	6.4213	2.5340	-0.5992	2.1814
39	1.01	1.05	130.280	7.8253	7.8989	2.0452	0.0823	1.6521	8.0037	4.8926	2.2119	0.1487	2.3980
39	1.37	1.42	130.650	8.4569	8.7539	2.1423	0.1456	1.7568	8.7806	4.6882	2.1652	-0.2199	2.3878
39	1.68	1.73	130.960	8.6914	9.1232	2.2545	0.1683	1.5791	9.0384	5.4137	2.3267	-0.5211	2.3928
39	2.01	2.05	131.280	7.7845	8.0889	2.0595	0.2034	1.6661	8.2074	4.6106	2.1472	0.1924	2.3905
39	2.26	2.31	131.540	8.2409	8.3578	2.2689	0.0630	1.5111	8.3821	5.4704	2.3389	-0.0756	2.1190
39	2.57	2.62	131.850	8.7625	8.6740	2.7151	-0.0370	1.4756	9.0161	6.2293	2.4959	-0.5638	2.1697
39	2.93	2.97	132.220	8.4416	8.7656	2.0889	0.1678	1.8074	8.7366	4.7523	2.1800	-0.2160	2.3693
40	2.40	2.45	136.870	8.3480	8.5958	2.1901	0.1234	1.5589	8.5860	5.0660	2.2508	-0.1116	2.1793
40	2.65	2.70	137.120	8.3373	8.6320	2.2338	0.1355	1.6540	8.5972	5.4168	2.3274	-0.2127	2.1907
40	2.85	2.89	137.310	8.3841	8.6766	2.0645	0.1644	1.7445	8.7014	4.3776	2.0923	-0.0698	2.4018
41	2.96	3.00	138.410	8.4420	8.7209	2.0885	0.1539	1.6671	8.7558	4.4915	2.1193	-0.1276	2.3430
42A	0.81	0.85	141.380	8.2462	8.0214	2.3985	-0.0602	1.7597	8.3181	5.3893	2.3215	-0.1133	2.2248
42A	1.26	1.30	141.830	6.1767	5.9575	1.5436	-0.0738	1.2825	6.2956	2.4869	1.5770	0.8009	4.7519
42A	1.81	1.85	142.380	6.4648	6.6430	1.3870	0.1048	1.2272	6.6856	2.5784	1.6057	1.0376	4.9409
42B	1.99	2.04	142.570	6.5861	6.6781	1.1803	0.1289	0.9390	6.7401	2.0092	1.4175	1.0464	5.4138
42B	2.22	2.27	142.800	6.3184	6.5045	1.4108	0.1301	1.2432	6.5144	2.9059	1.7047	0.9084	4.5770
42B	2.54	2.60	143.120	6.8962	6.9627	1.2981	0.0753	0.8624	7.0352	2.4548	1.5668	0.8117	4.4164
42B	2.81	2.85	143.380	7.0203	7.1249	1.4018	0.2203	1.0611	7.2807	2.6885	1.6397	1.0775	4.2691
43A	0.26	0.31	144.700	7.5795	7.5563	1.5320	0.0329	1.4267	7.7230	2.8923	1.7007	0.5891	1.7540
43A	0.52	0.57	144.960	7.2214	7.1537	1.5863	-0.0668	1.1538	7.2587	3.0190	1.7375	0.4946	3.6813
43A	0.69	0.73	145.120	7.1509	7.3103	1.4946	0.1920	1.4918	7.4565	2.8221	1.6799	0.9319	4.1323
43A	0.96	1.02	145.400	8.0004	7.9855	1.5740	0.0392	1.9541	8.1986	3.1387	1.7716	0.3601	3.3458
43A	1.21	1.26	145.650	7.1562	7.2086	1.2662	0.1035	0.9702	7.3110	2.3349	1.5280	0.8712	4.5497
43A	1.50	1.55	145.940	6.1427	6.3419	1.3282	0.2223	0.9433	6.4248	2.3659	1.5381	1.1877	5.0962
43A	1.68	1.72	146.110	7.3120	7.2927	1.5341	0.0988	1.2429	7.5228	2.9514	1.7180	0.8020	3.6965
43B	2.00	2.04	146.450	6.7156	6.8282	1.4845	0.0749	1.0910	6.8935	2.7835	1.6684	0.9185	4.3197
43B	2.28	2.32	146.730	7.0530	7.1123	1.3017	0.1266	0.9089	7.2073	2.4509	1.5655	0.9002	4.4328
43B	2.78	2.82	147.210	7.2628	7.2478	1.6925	0.0120	1.3497	7.3776	3.4292	1.8518	0.4962	3.4246
44	0.11	0.16	147.600	7.1842	7.1723	1.3712	0.0005	1.0796	7.2487	2.5935	1.6104	0.7088	4.1575

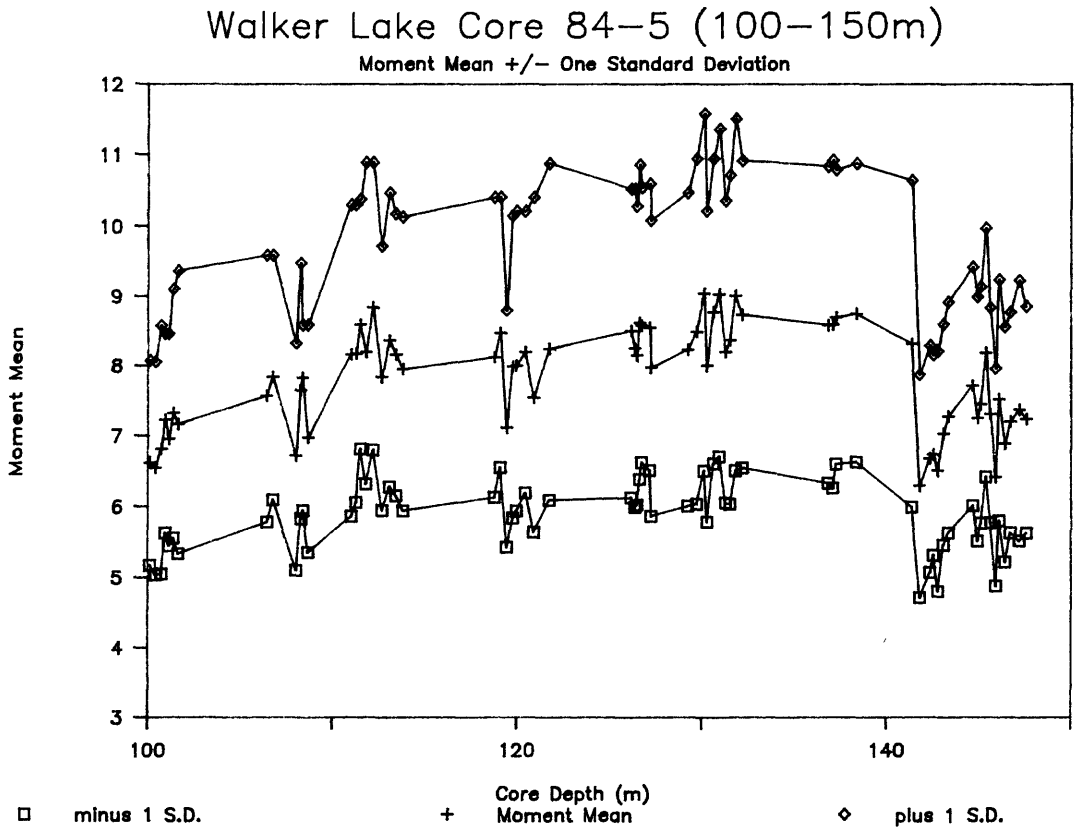

Walker Lake Core 84–5 (0–50m)
Graphic Mean +/– Sorting Coefficient
Graphic Mean (phi)
12
11
10
9
8
7
6
5
4
3
2
1
0
20
40
Core Depth (m)
less Sorting
Graphic Mean
+ Sorting


Walker Lake Core 84–5 (0–50m)
Moment Mean +/– One S.D.
Moment Mean (phi)
12
11
10
9
8
7
6
5
4
3
0
20
40
Core Depth (m)
minus 1 S.D
Moment Mean
plus 1 S.D


Walker Lake Core 84–5 (50–100m)
Graphic Mean +/– Sorting Coefficient
Graphic Mean
12
11
10
9
8
7
6
5
4
3
2
1
50
70
90
Core Depth (m)
minus sorting
+ Graphic Mean
◇ plus sorting


Walker Lake Core 84–5 (50–100m)
Moment Mean +/– One Standard Deviation
Moment Mean
12
11
10
9
8
7
6
5
4
3
50
70
90
Core Depth (m)
□ minus 1 S.D.
+ Moment Mean
◇ plus 1 S.D.


Walker Lake Core 84–5 (100–150m)
Graphic Mean +/– Sorting Coefficient
Graphic Mean
12
11
10
9
8
7
6
5
4
3
2
1
100
120
140
Core Depth (m)
less sorting
Graphic Mean
plus sorting


Walker Lake Core 84–5 (100–150m)
Moment Mean +/– One Standard Deviation
Moment Mean
12
11
10
9
8
7
6
5
4
3
100
120
140
Core Depth (m)
minus 1 S.D.
Moment Mean
plus 1 S.D.

Appendix C-1

Walker Lake Core 84-8
Class Percents and Principal Size Modes

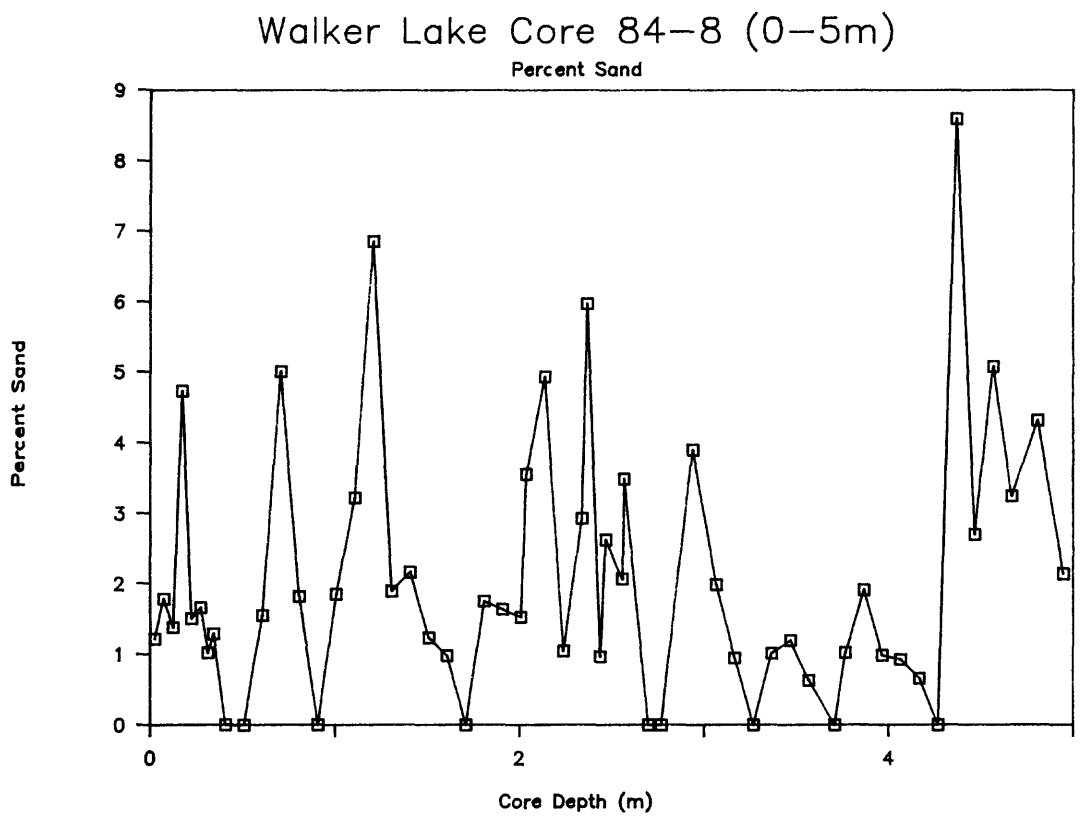
Seq.No.	TopInt.	Btm.Int.	Depth	%snd	%slt	%cly	slt/cly	Mode1	Mode2	Mode3
1A	0	5	0.025	1.219	53.450	45.331	1.179	8.50	7.50	4.50
1A	5	10	0.075	1.786	76.489	21.725	3.521	6.00	8.00	7.25
1A	10	15	0.125	1.379	57.003	41.618	1.370	8.50	7.50	6.75
1A	15	20	0.175	4.733	81.567	13.699	5.954	5.75	4.25	6.50
1A	20	25	0.225	1.509	57.223	41.268	1.387	8.75	6.00	4.25
1A	25	30	0.275	1.666	83.839	14.494	5.784	5.75	5.00	8.50
1A	30	33	0.315	1.020	75.917	23.062	3.292	6.00	6.75	7.50
1A	33	36	0.345	1.290	82.334	16.376	5.028	5.75	6.25	8.50
1A	40	42	0.410	0.000	76.270	23.730	3.214	6.00	6.75	7.50
1A	50	52	0.510	0.000	84.652	15.384	5.515	6.25	6.75	8.50
1A	60	62	0.610	1.550	73.325	25.124	2.918	6.50	7.00	4.25
1A	70	72	0.710	5.008	78.462	16.530	4.747	6.00	6.50	4.00
1B	80	82	0.810	1.818	70.652	27.530	2.566	7.25	8.00	4.50
1B	90	92	0.910	0.000	80.670	19.330	4.173	6.25	7.00	
1B	100	102	1.010	1.857	77.690	20.453	3.798	5.75	6.25	4.25
1B	110	112	1.110	3.227	83.402	13.371	6.238	5.75	4.00	
1B	120	122	1.210	6.856	82.805	10.339	8.009	5.75	6.25	4.00
1B	130	132	1.310	1.896	78.984	19.121	4.131	6.50	5.75	7.00
1B	140	142	1.410	2.162	82.967	14.871	5.579	6.00	5.50	8.50
1B	150	152	1.510	1.234	84.790	13.975	6.067	5.75	6.25	6.75
1B	160	162	1.610	0.980	77.354	21.666	3.570	6.75	7.25	
1B	170	172	1.710	0.000	76.240	23.760	3.209	6.25	6.75	
1B	180	182	1.810	1.754	77.781	20.465	3.801	6.75		
1B	190	192	1.910	1.638	78.069	20.293	3.847	6.00	8.75	
1B	200	202	2.010	1.527	76.652	21.822	3.513	6.25	6.75	
3A	0	2	2.040	3.562	86.409	10.030	8.615	5.75	4.00	
3A	10	12	2.140	4.929	77.397	17.674	4.379	5.75	6.25	4.00
3A	20	22	2.240	1.045	84.834	14.121	6.008	6.00		
3A	30	32	2.340	2.935	81.661	15.404	5.301	6.00	6.50	8.75
2A	0	2	2.370	5.969	88.521	5.510	16.065	5.75	4.00	4.50
3A	40	42	2.440	0.964	80.536	18.500	4.353	6.25	8.50	4.50
2A	10	12	2.470	2.631	83.133	14.235	5.840	6.25	7.00	
3A	52	54	2.560	2.066	80.757	17.178	4.701	6.00	6.50	4.00
2A	20	22	2.570	3.493	85.409	11.098	7.696	5.75	4.00	
2A	33	35	2.700	0.000	81.040	18.960	4.274	6.25		
2A	40	42	2.770	0.000	78.260	21.740	3.600	6.50		
2A	57	59	2.940	3.902	76.129	19.969	3.812	6.50	4.00	
2A	70	72	3.070	1.987	72.491	25.523	2.840	6.25	6.75	
2A	80	82	3.170	0.943	76.224	22.833	3.338	6.50	7.25	8.50
2A	90	92	3.270	0.000	69.150	30.850	2.241	7.00	8.75	6.00
2A	100	102	3.370	1.015	72.101	26.884	2.682	6.75	8.75	
2B	110	112	3.470	1.197	63.688	35.114	1.814	7.25	6.25	8.50
2B	120	122	3.570	0.629	67.692	31.680	2.137	7.25	6.25	8.50
2B	134	136	3.710	0.000	63.820	36.180	1.764	7.25	6.75	8.50
2B	140	142	3.770	1.026	56.247	42.727	1.316	7.25	8.50	
2B	150	152	3.870	1.914	57.792	40.294	1.434	7.50	8.50	
2B	160	162	3.970	0.988	55.447	43.565	1.273	7.50	6.75	8.50
2B	170	172	4.070	0.924	58.663	40.413	1.452	7.50	8.50	6.75
2B	180	182	4.170	0.653	51.849	47.498	1.092	7.50	4.50	
2B	190	192	4.270	0.000	52.730	47.270	1.116	7.50	8.75	4.75
2B	200	202	4.370	8.596	39.898	51.506	0.775	8.75	7.75	4.75
2B	210	212	4.470	2.707	52.568	44.726	1.175	8.75	7.75	6.25
2B	220	222	4.570	5.075	49.532	45.393	1.091	8.00	7.00	8.50

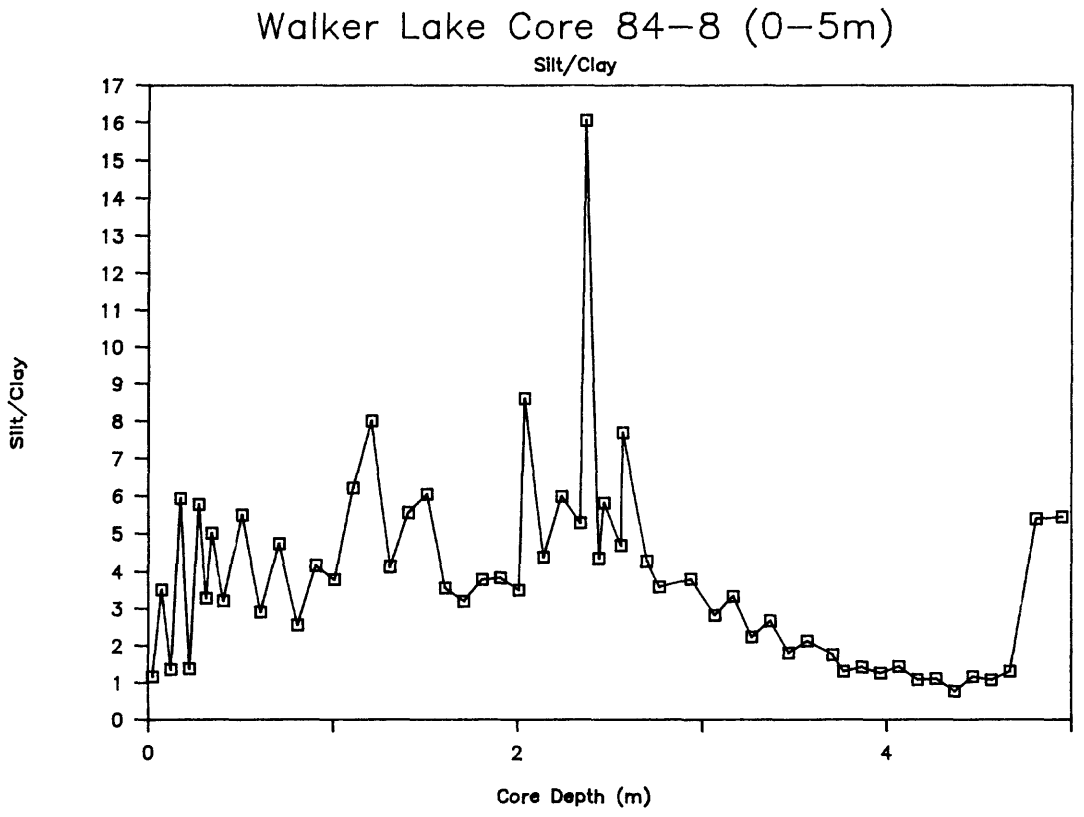
Walker Lake Core 84-8
Class Percents and Principal Size Modes

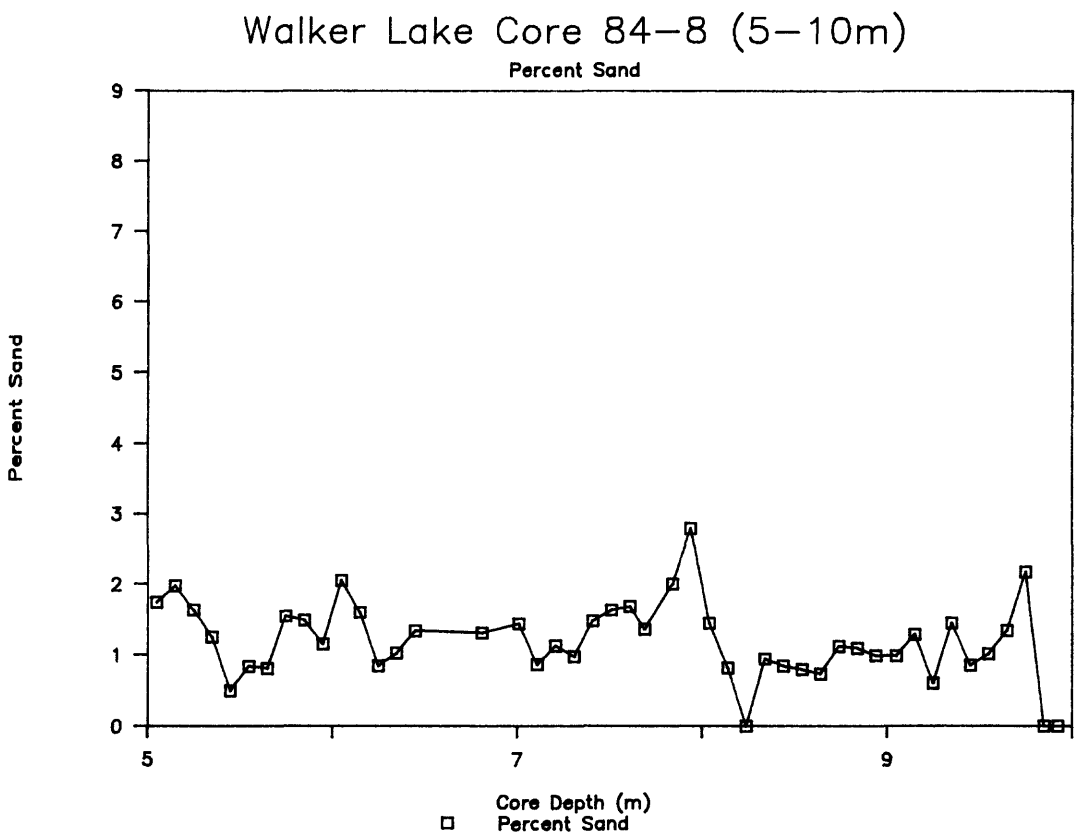
Seq.No.	TopInt.	Btm.Int.	Depth	%snd	%slt	%cly	slt/cly	Mode1	Mode2	Mode3
2B	230	232	4.670	3.253	55.069	41.679	1.321	6.75	7.50	4.00
3A	66	68	4.810	4.320	80.734	14.945	5.402	6.50	4.00	
3B	80	82	4.950	2.139	82.712	15.149	5.460	6.25		
3B	90	92	5.050	1.751	83.315	14.934	5.579	6.50	8.75	
3B	100	102	5.150	1.984	75.911	22.105	3.434	6.50		
3B	110	112	5.250	1.639	74.967	23.394	3.205	6.50	6.00	4.25
3B	120	122	5.350	1.256	78.571	20.173	3.895	6.25		
3B	130	132	5.450	0.497	80.050	19.453	4.115	6.50	4.25	
3B	140	142	5.550	0.839	58.862	40.299	1.461	7.00	8.00	8.50
3B	150	152	5.650	0.811	70.156	29.032	2.416	6.75	7.25	
3C	160	162	5.750	1.554	77.389	21.058	3.675	6.50	8.50	
3C	170	172	5.850	1.491	74.256	24.253	3.062	6.50	8.50	4.25
3C	180	182	5.950	1.155	72.473	26.372	2.748	6.50	7.25	
3C	190	192	6.050	2.059	66.139	31.801	2.080	6.50	8.75	
3C	200	202	6.150	1.602	82.438	15.960	5.165	6.00		
3C	210	212	6.250	0.846	74.980	24.174	3.102	6.25	4.25	
3C	220	222	6.350	1.028	75.406	23.565	3.200	6.50		
3C	230	232	6.450	1.340	74.064	24.596	3.011	6.50	7.75	
4	0	2	6.810	1.312	74.085	24.603	3.011	6.50	7.75	
4	20	22	7.010	1.442	77.043	21.515	3.581	6.50	8.00	8.75
4	30	32	7.110	0.864	74.540	24.596	3.031	6.50	7.75	8.50
4	40	42	7.210	1.127	75.460	23.413	3.223	6.50		
4	50	52	7.310	0.978	76.376	22.646	3.373	6.50		
4	60	62	7.410	1.479	70.255	28.266	2.486	7.50	6.75	
4	70	72	7.510	1.636	69.868	28.496	2.452	7.50		
4	80	82	7.610	1.688	69.732	28.579	2.440	7.50	8.50	
4	88	90	7.690	1.358	68.615	30.026	2.285	7.50	6.75	
5	0	2	7.840	2.005	79.268	18.727	4.233	6.50	6.00	
5	10	12	7.940	2.802	80.421	16.776	4.794	6.25		
5	20	22	8.040	1.447	77.896	20.657	3.771	7.00	6.25	8.50
5	30	32	8.140	0.815	76.025	23.160	3.283	6.25	6.75	8.50
5	40	42	8.240	0.000	77.590	22.410	3.462	7.25		
5	50	52	8.340	0.946	70.774	28.280	2.503	7.25	4.25	
5	60	62	8.440	0.842	77.184	21.973	3.513	7.25	6.25	
5	70	72	8.540	0.792	75.219	23.988	3.136	7.25	6.75	6.25
5	80	82	8.640	0.731	75.325	23.944	3.146	7.00		
5	90	92	8.740	1.121	68.474	30.405	2.252	7.25	4.25	
5A	90	92	8.840	1.096	69.569	29.335	2.372	7.25	8.75	
5A	100	102	8.940	0.992	66.102	32.907	2.009	7.00	7.75	4.50
7	0	2	9.050	0.988	68.031	30.981	2.196	7.25	8.50	4.25
7	10	12	9.150	1.287	66.128	32.585	2.029	6.75	7.25	8.25
7	20	22	9.250	0.600	71.946	27.454	2.621	7.00	8.50	4.50
7	30	32	9.350	1.451	73.330	25.219	2.908	6.75	4.25	
7	40	42	9.450	0.857	66.922	32.222	2.077	6.75		
7	50	52	9.550	1.018	72.019	26.963	2.671	7.00		
7	60	62	9.650	1.347	72.017	26.636	2.704	6.50	7.50	8.50
7	70	72	9.750	2.178	68.886	28.936	2.381	6.50	8.75	
7	80	82	9.850	0.000	77.600	22.400	3.464	6.50		
7	87.5	89.5	9.925	0.000	67.760	32.240	2.102	6.75	8.75	
8	0	2	10.050	2.016	71.744	26.240	2.734	6.50	8.50	
8	10	12	10.150	0.000	74.440	25.560	2.912	6.50		
8	31	33	10.360	0.959	55.849	43.192	1.293	6.75	7.25	8.50
8	40	42	10.450	1.151	63.214	35.635	1.774	7.00	6.25	8.75

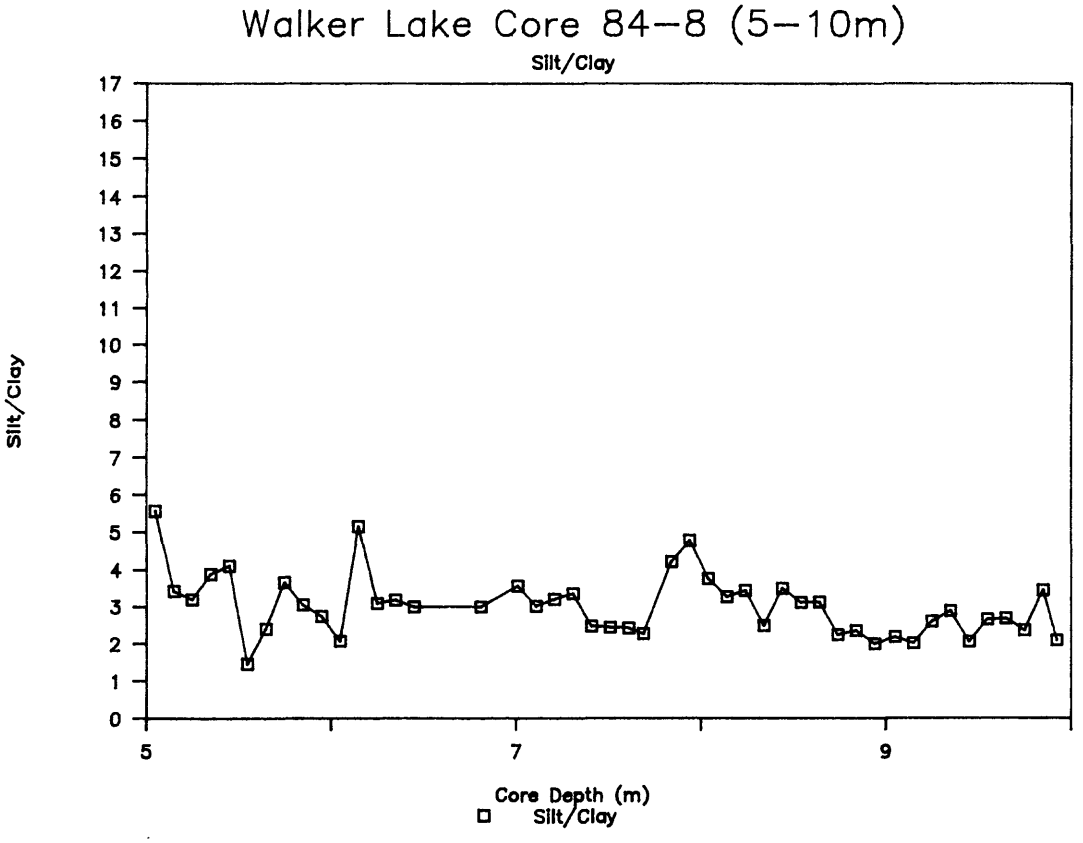
Walker Lake Core 84-8
Class Percents and Principal Size Modes

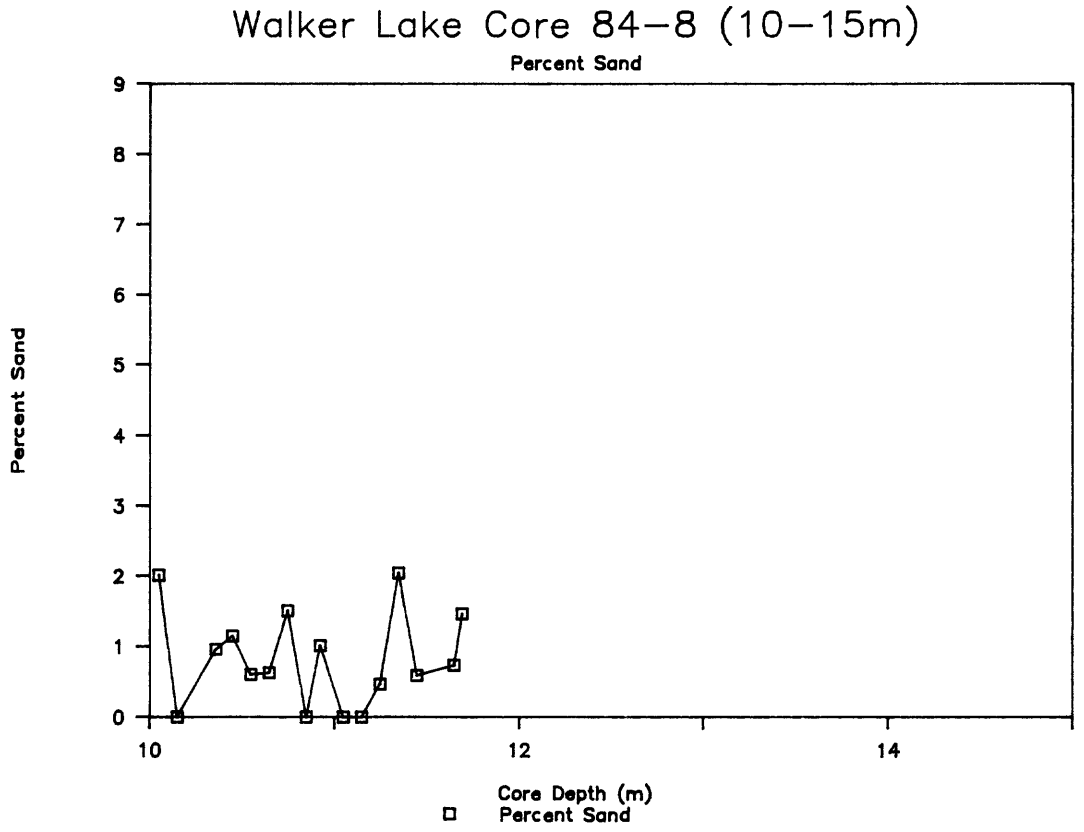
Seq.No.	TopInt.	Btm.Int.	Depth	%snd	%slt	%cly	slt/cly	Mode1	Mode2	Mode3
8	50	52	10.550	0.600	59.183	40.217	1.472	6.50	7.25	4.25
8	60	62	10.650	0.628	64.920	34.452	1.884	6.75	7.25	8.75
8	70	72	10.750	1.510	42.961	55.529	0.774	7.50	8.00	8.75
8	80	82	10.850	0.000	51.620	48.380	1.067	7.00	7.75	8.50
8	86.5	88.5	10.925	1.017	51.125	47.858	1.068	7.75	8.50	
9	0	2	11.050	0.000	52.930	47.070	1.124	7.25	8.75	6.75
9	10	12	11.150	0.000	28.260	71.740	0.394	8.75	4.50	
9	20	22	11.250	0.466	55.510	44.024	1.261	7.00	8.50	
9	30	32	11.350	2.050	77.263	20.687	3.735	6.25	6.75	
9	40	42	11.450	0.586	50.164	49.250	1.019	7.00	8.75	
9	60	62	11.650	0.731	44.721	54.549	0.820	7.50	8.75	8.00
9	64.5	66.5	11.695	1.465	27.688	70.846	0.391	8.75	7.75	4.75

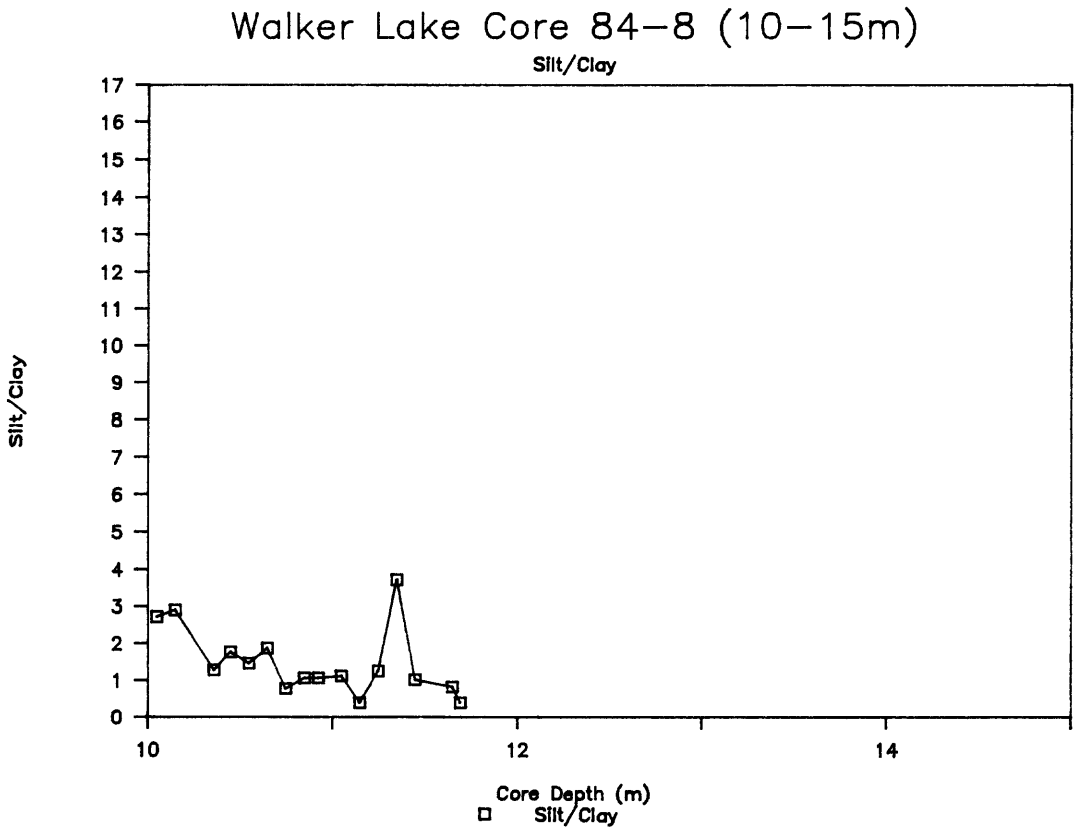

Walker Lake Core 84–8 (0–5m)
Percent Sand
Percent Sand
0
1
2
3
4
5
6
7
8
9
0
2
4
Core Depth (m)


Walker Lake Core 84–8 (0–5m)
Silt/Clay
Silt/Clay
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
0
2
4
Core Depth (m)


Walker Lake Core 84–8 (5–10m)
Percent Sand
Percent Sand
0
1
2
3
4
5
6
7
8
9
5
7
9
Core Depth (m)
Percent Sand


Walker Lake Core 84–8 (5–10m)
Silt/Clay
Silt/Clay
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
5
7
9
Core Depth (m)
Silt/Clay


Walker Lake Core 84–8 (10–15m)
Percent Sand
Percent Sand
9
8
7
6
5
4
3
2
1
0
10
12
14
Core Depth (m)
Percent Sand


Walker Lake Core 84–8 (10–15m)
Silt/Clay
Silt/Clay
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
10
12
14
Core Depth (m)
Silt/Clay

Appendix C-3

Walker Lake Core 84-8
Graphic And Moment Statistics

Seq.No.	TopInt.	Btm.Int.	Depth	Md	Mn	So	Sk	Ku	1st	2nd(var)	2nd(sd)	3rd	4th
1A	0	5	0.025	7.8343	7.7239	1.5986	-0.0224	1.5938	7.9684	3.2026	1.7896	0.4267	3.2478
1A	5	10	0.075	7.1204	7.1306	1.4853	0.0364	1.2111	7.2309	2.7600	1.6613	0.8249	4.1826
1A	10	15	0.125	7.6656	7.6169	1.4976	0.0158	1.4474	7.8009	2.8729	1.6950	0.5332	3.7374
1A	15	20	0.175	6.0500	6.2858	1.4401	0.2010	1.1414	6.3493	2.5856	1.6080	0.9725	4.6263
1A	20	25	0.225	7.6313	7.4923	1.6427	-0.0886	1.3602	7.6623	3.0287	1.7403	0.3737	3.5020
1A	25	30	0.275	6.1388	6.4577	1.2459	0.3423	1.0025	6.4698	1.9986	1.4137	1.1348	5.0435
1A	30	33	0.315	6.7254	6.8911	1.2664	0.1712	0.7594	6.9865	2.3178	1.5224	0.9980	4.4879
1A	33	36	0.345	6.5036	6.7129	1.1972	0.2430	0.9429	6.7744	2.0914	1.4462	1.1882	5.3868
1A	40	42	0.410	6.9925	7.0788	1.3340	0.1360	1.0114	7.1855	2.4584	1.5679	1.0790	4.4315
1A	50	52	0.510	6.7594	6.9051	0.9780	0.2736	0.9282	7.0273	1.7584	1.3260	1.5721	6.6183
1A	60	62	0.610	6.9724	7.1804	1.6243	0.1902	1.5833	7.2560	3.3353	1.8263	0.7444	3.7804
1A	70	72	0.710	6.6506	6.8575	1.7981	0.3269	2.2060	6.8889	2.6270	1.6208	1.0814	5.1961
1B	80	82	0.810	7.2151	7.4028	1.6506	0.2960	2.0802	7.6179	3.3249	1.8234	0.8558	3.6366
1B	90	92	0.910	6.8129	7.0010	1.1397	0.3319	0.9926	7.1362	2.1436	1.4641	1.4837	5.5387
1B	100	102	1.010	6.5863	6.7455	1.4892	0.1142	1.0551	6.8115	2.8987	1.7026	0.8925	4.2019
1B	110	112	1.110	6.3942	6.6030	1.1882	0.1660	1.0956	6.6535	2.1229	1.4570	1.2918	6.0171
1B	120	122	1.210	6.0595	6.2348	1.2933	0.1542	1.1797	6.2995	2.4126	1.5532	1.3754	5.9564
1B	130	132	1.310	6.5176	6.7141	1.5174	0.2276	1.1613	6.8842	2.9521	1.7182	1.1295	4.4245
1B	140	142	1.410	6.4984	6.6507	1.2477	0.2542	1.1299	6.7895	2.4671	1.5707	1.2997	5.4132
1B	150	152	1.510	6.3876	6.5803	1.1897	0.2494	0.9192	6.6798	2.1998	1.4832	1.4057	5.7222
1B	160	162	1.610	7.1343	7.2098	1.1108	0.2061	1.1547	7.3282	2.1338	1.4607	1.1803	5.4641
1B	170	172	1.710	7.0304	7.1613	1.2298	0.2478	1.0824	7.2832	2.3892	1.5475	1.0898	4.8691
1B	180	182	1.810	7.0443	7.1449	1.1072	0.2319	1.1131	7.2477	2.1794	1.4763	1.1294	5.4654
1B	190	192	1.910	6.8182	6.9970	1.3737	0.2427	1.3053	7.1421	2.7017	1.6437	1.1756	4.6390
1B	200	202	2.010	6.7359	6.9210	1.3785	0.2344	1.0572	7.0472	2.6606	1.6311	1.1034	4.5491
3A	0	2	2.040	6.1173	6.3750	1.0353	0.4114	1.0896	6.4600	1.8989	1.3780	1.6006	7.1782
3A	10	12	2.140	6.7188	6.8212	1.3661	0.0223	1.1519	6.8844	2.4655	1.5702	0.8842	4.8143
3A	20	22	2.240	6.5373	6.7002	1.0923	0.2473	1.0443	6.7994	1.9710	1.4039	1.4862	6.2958
3A	30	32	2.340	6.4467	6.7052	1.2691	0.2296	1.2182	6.7674	2.3852	1.5444	1.2035	5.3073
2A	0	2	2.370	5.7186	5.8893	1.1851	0.1725	1.3204	5.9267	1.6743	1.2939	1.3954	7.0555
3A	40	42	2.440	6.7691	6.9883	1.1252	0.3353	1.0470	7.0704	2.1580	1.4690	1.3411	5.6641
2A	10	12	2.470	6.4716	6.6285	1.1692	0.2419	0.9937	6.7489	2.2344	1.4948	1.3206	5.7844
3A	52	54	2.560	6.6122	6.8022	1.1620	0.2714	0.9484	6.8912	2.2346	1.4948	1.2671	5.4977
2A	20	22	2.570	6.2296	6.4140	1.2133	0.1957	1.1945	6.4994	2.1719	1.4737	1.4229	6.2878
2A	33	35	2.700	6.8163	6.9738	1.2800	0.3284	1.2680	7.1756	2.4693	1.5714	1.4886	5.1334
2A	40	42	2.770	7.0355	7.2135	1.1371	0.3945	1.2261	7.4109	2.1167	1.4549	1.6235	5.5045
2A	57	59	2.940	6.7386	6.9215	1.5562	0.1708	1.5611	6.9967	3.0685	1.7517	0.8925	4.3026
2A	70	72	3.070	7.0596	7.2609	1.2574	0.3825	1.1655	7.4120	2.5973	1.6116	1.0825	4.5764
2A	80	82	3.170	6.9692	7.1490	1.2418	0.3003	1.0960	7.2593	2.3859	1.5446	1.2102	4.9072
2A	90	92	3.270	7.2801	7.3961	1.4151	0.2792	1.2502	7.6222	2.9530	1.7184	0.9224	3.7794
2A	100	102	3.370	7.1543	7.3316	1.3258	0.3119	1.2608	7.4857	2.6283	1.6212	1.0409	4.3681
2B	110	112	3.470	7.3866	7.4849	1.5829	0.1905	1.4644	7.7422	3.1802	1.7833	0.7952	3.4230
2B	120	122	3.570	7.3155	7.4365	1.6290	0.1845	1.4829	7.6403	3.3498	1.8302	0.7575	3.4238
2B	134	136	3.710	7.5588	7.7170	1.3970	0.3517	1.5345	7.9657	2.9840	1.7274	0.8245	3.4894
2B	140	142	3.770	7.7841	8.0831	1.8632	0.2494	2.2403	8.1349	3.7814	1.9446	0.3566	2.9098
2B	150	152	3.870	7.6967	7.9369	1.7392	0.2620	2.0064	8.0851	3.4951	1.8695	0.5273	3.0525
2B	160	162	3.970	7.6793	7.8210	1.9176	0.1498	1.5773	8.0092	4.1585	2.0392	0.4052	2.5819
2B	170	172	4.070	7.6368	7.7296	1.7547	0.1298	1.6351	7.9507	3.6953	1.9223	0.4599	2.9689
2B	180	182	4.170	7.8982	8.1034	1.8940	0.1617	1.8612	8.2143	4.1237	2.0307	0.2079	2.6462
2B	190	192	4.270	7.9098	8.1284	1.8408	0.1902	1.8806	8.2616	3.9658	1.9914	0.2384	2.6857
2B	200	202	4.370	8.0623	8.1935	2.1203	0.0700	1.9492	8.2034	5.2057	2.2816	-0.1027	2.4760
2B	210	212	4.470	7.7624	7.7546	2.0142	0.0383	1.6239	7.9431	4.6096	2.1470	0.1988	2.5389
2B	220	222	4.570	7.8221	7.9563	2.1233	0.0982	1.6342	8.1255	4.6955	2.1669	0.1658	2.4574

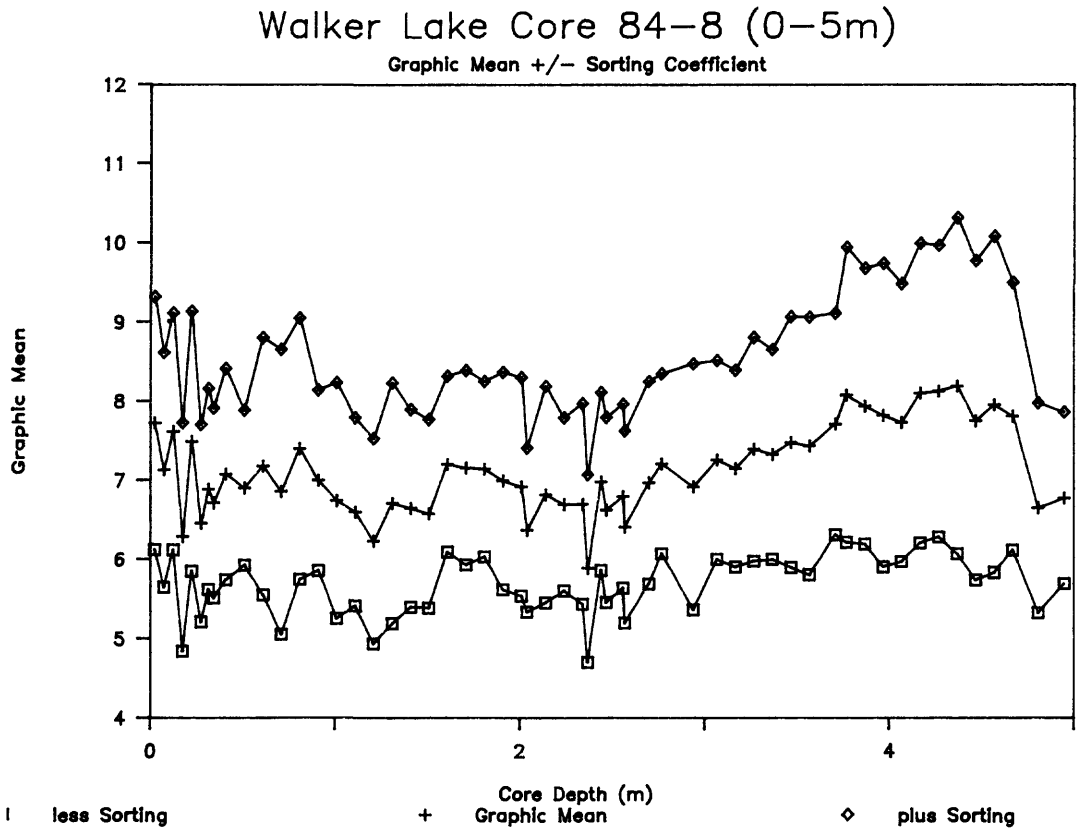
Walker Lake Core 84-8
Graphic And Moment Statistics

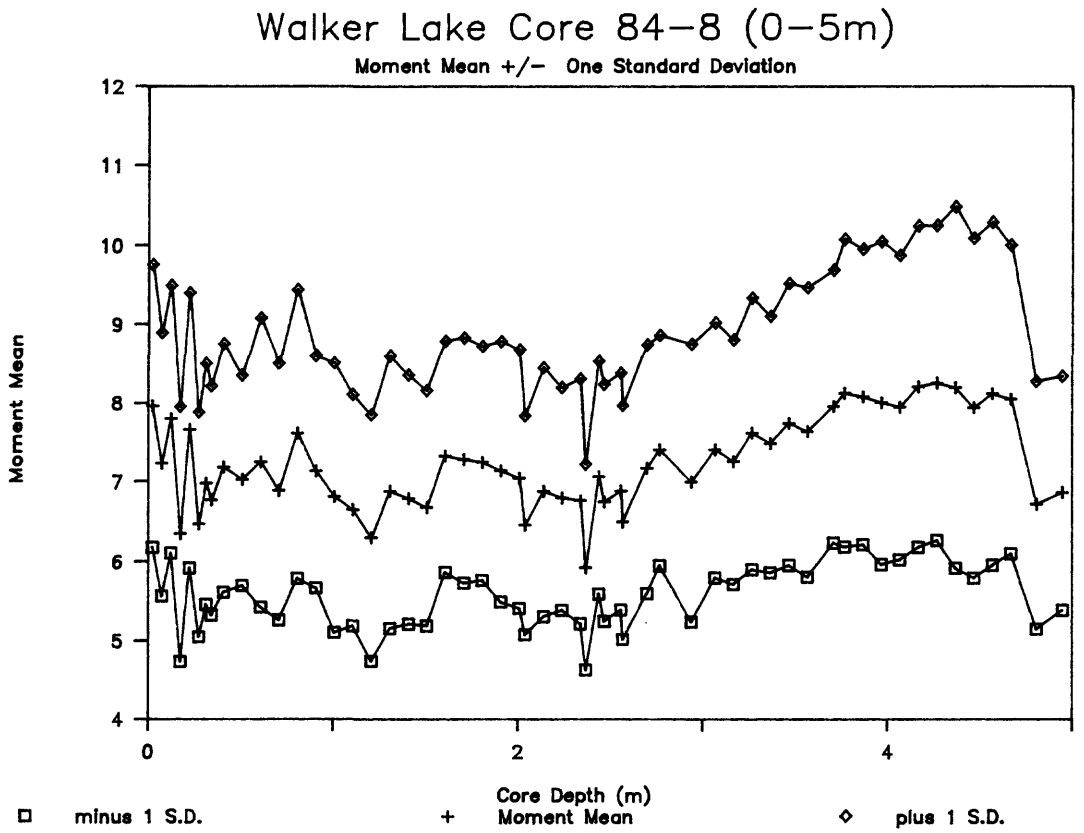
Seq.No.	TopInt.	Btm.Int.	Depth	Md	Mn	So	Sk	Ku	1st	2nd(var)	2nd(sd)	3rd	4th
2B	230	232	4.670	7.6699	7.8093	1.6873	0.2631	1.2822	8.0527	3.8045	1.9505	0.4904	2.7709
3A	66	68	4.810	6.4399	6.6504	1.3264	0.1793	1.3173	6.7170	2.4442	1.5634	1.2297	5.5005
3B	80	82	4.950	6.4798	6.7771	1.0831	0.4413	1.1756	6.8662	2.1758	1.4751	1.5253	6.2074
3B	90	92	5.050	6.6725	6.8767	1.0233	0.3875	1.3067	6.9918	2.0184	1.4207	1.5738	6.6441
3B	100	102	5.150	6.9128	7.1675	1.3272	0.4420	1.3720	7.3331	2.7506	1.6585	1.2743	4.5979
3B	110	112	5.250	6.9191	7.2281	1.4680	0.3755	1.6274	7.3556	3.0420	1.7441	1.0679	4.1649
3B	120	122	5.350	6.8720	7.0946	1.2139	0.3650	1.2494	7.2089	2.4414	1.5625	1.2680	5.1301
3B	130	132	5.450	6.6969	6.9658	1.4751	0.2261	1.6665	6.9427	3.0969	1.7598	0.8461	4.2625
3B	140	142	5.550	7.6476	7.8586	1.8654	0.1837	1.7448	7.9649	4.2063	2.0509	0.3488	2.7017
3B	150	152	5.650	7.1949	7.4412	1.4983	0.3098	1.5721	7.6091	2.9918	1.7297	0.9491	3.8635
3C	160	162	5.750	6.8048	7.1081	1.1982	0.4027	1.2211	7.1889	2.3623	1.5370	1.2294	5.2134
3C	170	172	5.850	6.8250	7.1555	1.4846	0.3897	1.4401	7.3084	3.0456	1.7452	1.0944	4.1319
3C	180	182	5.950	6.9619	7.2050	1.3936	0.3766	1.1294	7.3556	2.8876	1.6993	1.0682	4.1012
3C	190	192	6.050	7.2370	7.4059	1.6834	0.2275	1.3838	7.6320	3.5095	1.8734	0.7873	3.2514
3C	200	202	6.150	6.4966	6.7444	1.1935	0.3810	1.1735	6.8712	2.3704	1.5396	1.4742	5.6982
3C	210	212	6.250	6.9157	7.1593	1.4248	0.3580	1.2745	7.3104	2.9426	1.7154	1.1026	4.1915
3C	220	222	6.350	6.9580	7.2169	1.3411	0.3671	1.3642	7.3633	2.6490	1.6276	1.1556	4.5671
3C	230	232	6.450	6.8722	7.1653	1.4061	0.4224	1.2257	7.3346	2.8924	1.7007	1.1577	4.1736
4	0	2	6.810	6.8727	7.1658	1.4056	0.4229	1.2249	7.3356	2.8898	1.6999	1.1603	4.1747
4	20	22	7.010	6.9136	7.1796	1.3521	0.3036	1.4124	7.2714	2.5375	1.5930	1.1463	4.8517
4	30	32	7.110	7.0613	7.2684	1.1958	0.4077	1.1657	7.4449	2.3241	1.5245	1.3343	4.9817
4	40	42	7.210	6.9676	7.2632	1.3980	0.3358	1.4965	7.3663	2.6419	1.6254	1.1177	4.5547
4	50	52	7.310	7.0561	7.2818	1.3162	0.2833	1.5778	7.3835	2.4646	1.5699	1.1425	4.9012
4	60	62	7.410	7.3883	7.5324	1.2692	0.1908	1.6511	7.6306	2.3472	1.5321	0.8882	4.8492
4	70	72	7.510	7.3899	7.4845	1.4222	0.0889	1.7954	7.5827	2.6068	1.6146	0.6927	4.4758
4	80	82	7.610	7.3558	7.4836	1.4736	0.1340	1.8442	7.6024	2.7652	1.6629	0.7221	4.2590
4	88	90	7.690	7.4231	7.5436	1.2409	0.2046	1.4796	7.6575	2.3598	1.5362	0.8334	4.7491
5	0	2	7.840	6.8758	7.0191	1.0745	0.2359	0.9798	7.1014	2.0456	1.4302	1.1507	5.6965
5	10	12	7.940	6.7757	6.9347	1.0327	0.2703	0.9717	7.0159	2.0046	1.4158	1.2663	5.9985
5	20	22	8.040	7.0920	7.2098	1.0795	0.2456	1.1737	7.3109	2.0674	1.4378	1.1388	5.6222
5	30	32	8.140	7.0235	7.1796	1.1682	0.2975	1.0771	7.3072	2.1988	1.4828	1.2697	5.2478
5	40	42	8.240	7.1852	7.3239	1.0141	0.2969	1.1818	7.4492	1.8128	1.3464	1.4590	6.1025
5	50	52	8.340	7.3771	7.5421	1.1601	0.2540	1.4479	7.6254	2.2098	1.4865	0.8556	5.1002
5	60	62	8.440	7.1814	7.2656	0.9924	0.1563	1.0043	7.3422	1.7878	1.3371	1.1044	5.9972
5	70	72	8.540	7.2535	7.3624	1.1093	0.2725	1.2896	7.4790	2.1821	1.4772	1.0820	5.2145
5	80	82	8.640	7.1887	7.3516	1.1064	0.3492	1.2690	7.4713	2.1893	1.4796	1.1653	5.2597
5	90	92	8.740	7.4449	7.5952	1.2646	0.2281	1.6282	7.7151	2.4207	1.5559	0.7770	4.7255
5A	90	92	8.840	7.3924	7.5263	1.3370	0.3413	1.7194	7.7568	2.8249	1.6807	0.9219	4.0355
5A	100	102	8.940	7.4744	7.7459	1.8292	0.2518	1.8251	7.8643	3.9161	1.9789	0.6023	2.8832
7	0	2	9.050	7.4403	7.6275	1.5608	0.2270	1.8401	7.7932	3.1710	1.7807	0.6915	3.6243
7	10	12	9.150	7.4059	7.6735	1.5690	0.3091	1.8384	7.8265	3.2580	1.8050	0.7546	3.4792
7	20	22	9.250	7.2715	7.4617	1.4338	0.2349	1.8015	7.5959	2.7738	1.6655	0.8949	4.2271
7	30	32	9.350	7.1725	7.3314	1.4894	0.2011	1.7090	7.4629	2.9035	1.7040	0.9064	4.1991
7	40	42	9.450	7.3832	7.6209	1.5425	0.3211	1.5962	7.8280	3.2020	1.7894	0.8521	3.3914
7	50	52	9.550	7.1565	7.4821	1.5753	0.4151	1.7173	7.6871	3.3476	1.8296	0.9544	3.4883
7	60	62	9.650	7.0256	7.2245	1.5125	0.2912	1.2450	7.3833	3.0324	1.7414	1.0350	3.8711
7	70	72	9.750	7.1448	7.3560	1.4967	0.2529	1.3497	7.4918	2.9276	1.7110	0.8599	3.9902
7	80	82	9.850	6.9005	7.1655	1.1713	0.4612	1.1431	7.2970	2.4034	1.5503	1.2399	5.0578
7	87.5	89.5	9.925	7.2733	7.4712	1.3994	0.4194	1.3328	7.7579	3.0131	1.7358	0.9874	3.5878
8	0	2	10.050	6.9337	7.1886	1.5228	0.3098	1.3934	7.3622	3.0533	1.7474	1.0213	3.9948
8	10	12	10.150	6.9300	7.1714	1.3098	0.3388	1.0250	7.2804	2.4650	1.5700	1.1293	4.5293
8	31	33	10.360	7.7073	7.8497	1.8333	0.1347	1.6601	7.9780	4.1642	2.0406	0.2595	2.7535
8	40	42	10.450	7.3280	7.5238	1.6312	0.2726	1.3966	7.7863	3.4386	1.8543	0.7376	3.1660

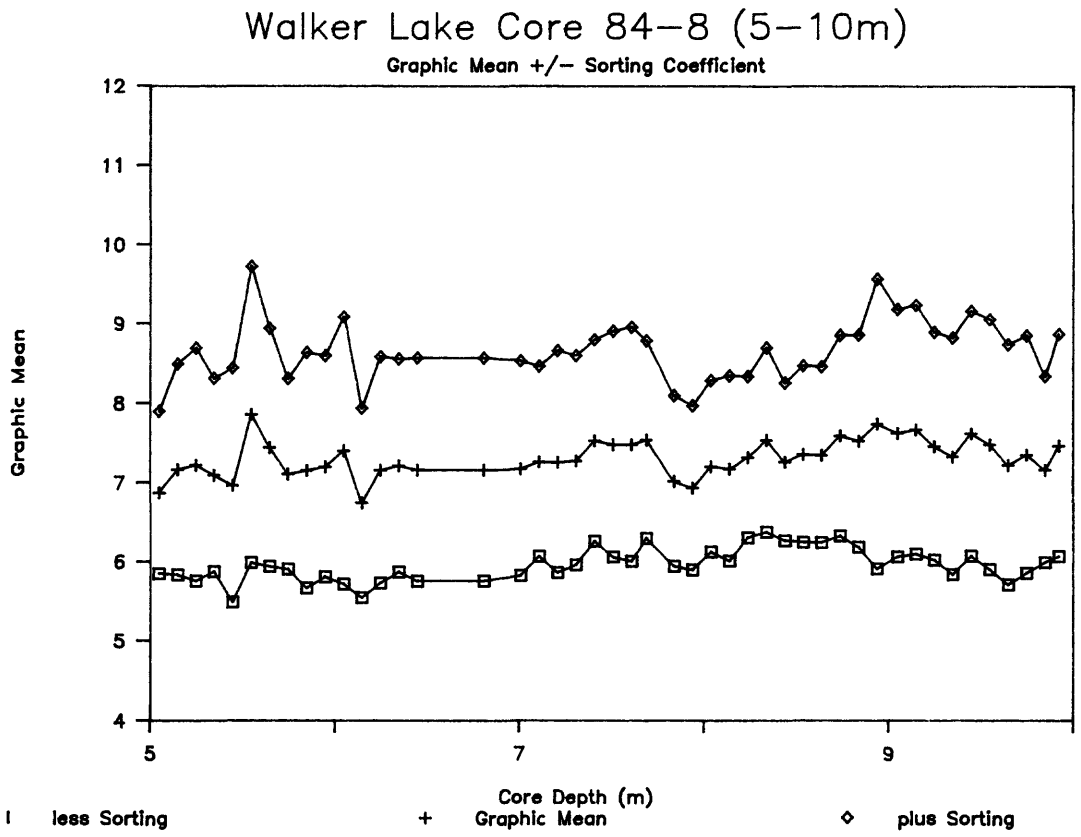
Walker Lake Core 84-8
Graphic And Moment Statistics

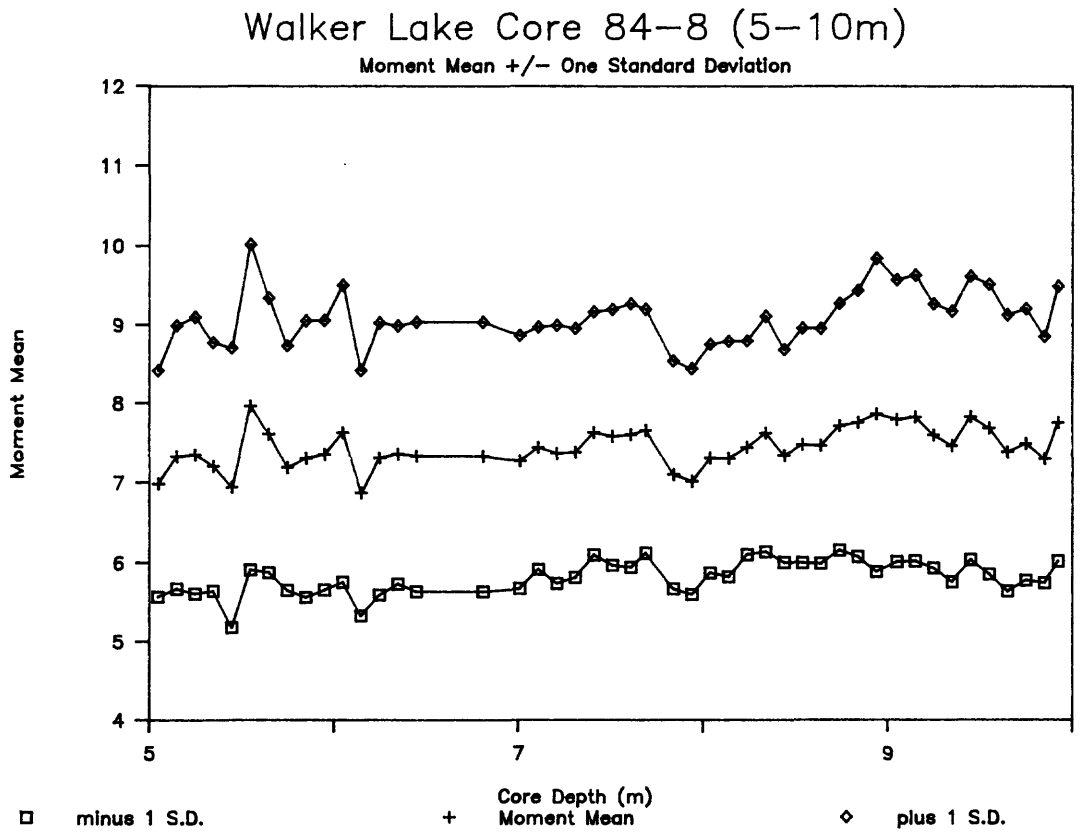
Seq.No.	TopInt.	Btm.Int.	Depth	Md	Mn	So	Sk	Ku	1st	2nd(var)	2nd(sd)	3rd	4th
8	50	52	10.550	7.5446	7.6633	1.8192	0.1421	1.4755	7.8458	4.0855	2.0213	0.4190	2.7339
8	60	62	10.650	7.3982	7.5834	1.5596	0.3012	1.3729	7.8089	3.3733	1.8366	0.8014	3.1691
8	70	72	10.750	8.1839	8.4495	1.7749	0.2330	1.9618	8.5729	3.5540	1.8852	0.2156	2.7210
8	80	82	10.850	7.9276	8.1637	1.9545	0.1733	1.7948	8.2016	4.5441	2.1317	0.1424	2.4479
8	86.5	88.5	10.925	7.8978	8.1165	1.9810	0.1559	1.7974	8.2484	4.2570	2.0633	0.1903	2.5664
9	0	2	11.050	7.8877	8.1120	1.8878	0.1988	1.7370	8.2730	4.0545	2.0136	0.2589	2.5931
9	10	12	11.150	8.5908	8.9727	2.1271	0.1709	1.9421	8.9152	4.8751	2.2080	-0.4452	2.6205
9	20	22	11.250	7.7312	7.8999	1.8848	0.1666	1.6311	8.0584	4.1323	2.0328	0.3661	2.5975
9	30	32	11.350	6.2058	6.9013	1.5562	0.6540	1.6648	7.0017	3.2985	1.8162	1.3082	4.3074
9	40	42	11.450	7.9664	8.2036	1.9200	0.2012	1.6184	8.3322	4.1465	2.0363	0.2522	2.4409
9	60	62	11.650	8.1768	8.5014	2.0084	0.2069	1.7622	8.5341	4.4227	2.1030	0.0422	2.3398
9	64.5	66.5	11.695	8.6127	9.0791	2.0912	0.2309	1.6930	9.0379	4.6344	2.1528	-0.3983	2.4902

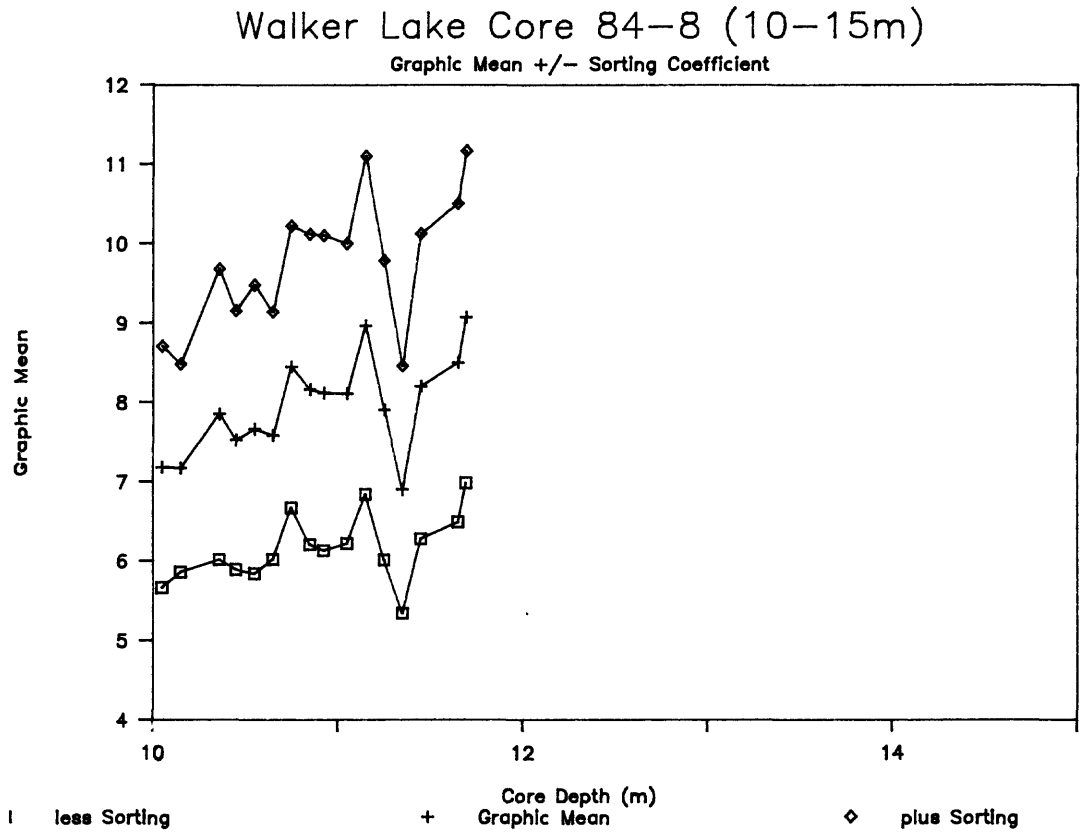
85

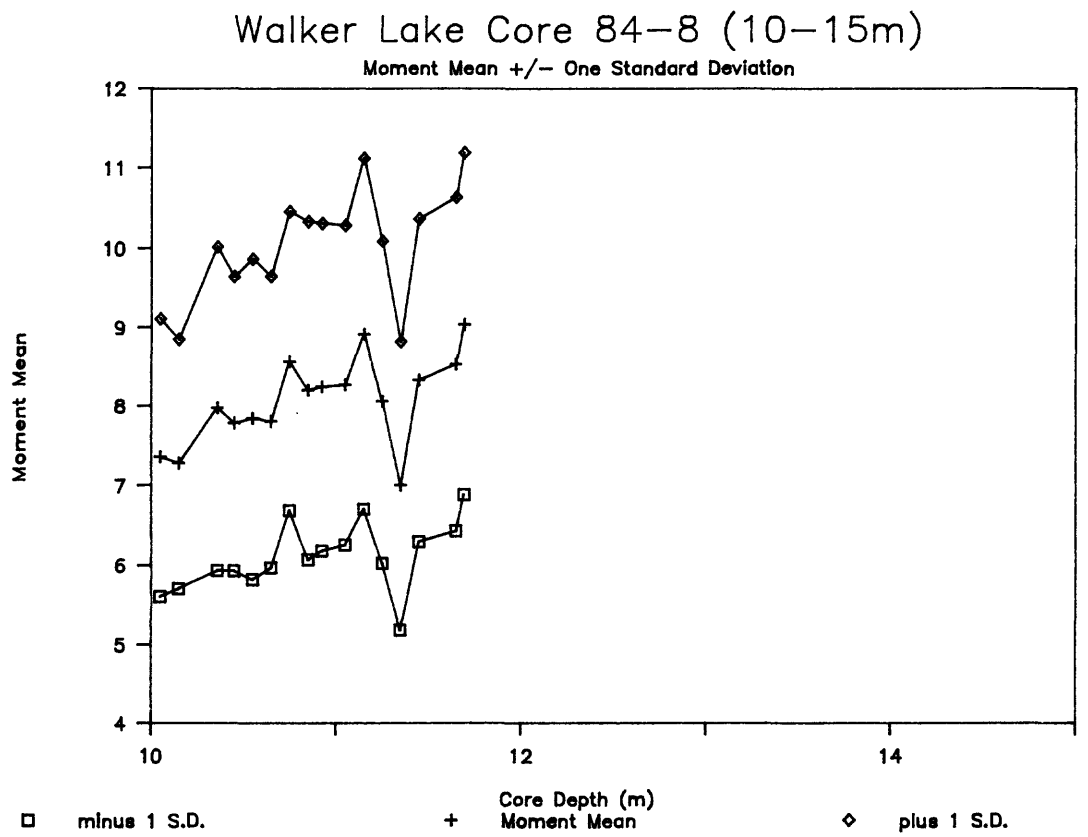

Walker Lake Core 84–8 (0–5m)
Graphic Mean +/– Sorting Coefficient
Graphic Mean
12
11
10
9
8
7
6
5
4
0
2
4
Core Depth (m)
less Sorting
Graphic Mean
plus Sorting


Walker Lake Core 84–8 (0–5m)
Moment Mean +/– One Standard Deviation
Moment Mean
12
11
10
9
8
7
6
5
4
0
2
4
Core Depth (m)
minus 1 S.D.
Moment Mean
plus 1 S.D.


Walker Lake Core 84–8 (5–10m)
Graphic Mean +/– Sorting Coefficient
Graphic Mean
12
11
10
9
8
7
6
5
4
5
7
9
Core Depth (m)
less Sorting
Graphic Mean
plus Sorting


Walker Lake Core 84–8 (5–10m)
Moment Mean +/– One Standard Deviation
Moment Mean
12
11
10
9
8
7
6
5
4
5
7
9
Core Depth (m)
minus 1 S.D.
Moment Mean
plus 1 S.D.


Walker Lake Core 84–8 (10–15m)
Graphic Mean +/– Sorting Coefficient
Graphic Mean
12
11
10
9
8
7
6
5
4
10
12
14
Core Depth (m)
less Sorting
Graphic Mean
plus Sorting


Walker Lake Core 84–8 (10–15m)
Moment Mean +/– One Standard Deviation
Moment Mean
12
11
10
9
8
7
6
5
4
10
12
14
Core Depth (m)
minus 1 S.D.
Moment Mean
plus 1 S.D.

Appendix D-1

Walker Lake Core 85-2
Class Percents and Principal Size Modes

TopInt.	Btm.Int.	Depth	%snd	%slt	%cly	slt/cly	Mode1	Mode2	Mode3
0.90	0.98	0.940	89.821	8.906	1.273	6.994			
0.99	1.02	1.005	95.326	3.999	0.675	5.921			
1.02	1.08	1.050	95.075	4.202	0.724	5.807			
1.08	1.15	1.115	67.245	29.562	3.194	9.256	5.25		
1.18	1.23	1.205	27.592	68.005	4.402	15.447	5.00		
1.52	1.54	1.530	67.584	28.296	4.120	6.868	5.50		
1.54	1.58	1.560	64.589	30.439	4.972	6.123	4.75	5.50	
1.58	1.62	1.600	87.599	10.543	1.858	5.676			
1.62	1.66	1.640	74.929	21.062	4.009	5.254	5.00	5.75	
1.66	1.70	1.680	23.609	71.670	4.721	15.181	4.75	8.75	
1.70	1.74	1.720	78.223	18.918	2.859	6.616	5.00		
1.74	1.78	1.760	29.253	66.135	4.613	14.337	5.00		
1.78	1.82	1.800	38.565	55.045	6.389	8.615	5.00	8.75	
1.82	1.86	1.840	75.697	21.214	3.089	6.868	4.50	5.75	
1.86	1.97	1.915	55.854	40.226	3.920	10.261	4.50	5.25	6.75
1.97	2.01	1.990	96.760	2.944	0.296	9.941			
2.01	2.05	2.030	98.073	1.718	0.209	8.208			
4.65	4.69	4.670	61.053	33.145	5.802	5.712	5.00	5.50	6.25
4.69	4.74	4.715	87.580	10.965	1.454	7.540	4.50		
4.74	4.78	4.760	85.489	11.831	2.680	4.414	4.50		
4.78	4.82	4.800	15.067	77.603	7.330	10.587	4.50	5.25	
4.82	4.86	4.840	10.120	78.096	11.783	6.628	5.25	4.50	8.50
4.86	4.90	4.880	5.942	88.960	5.098	17.450	5.25	4.50	
4.90	4.98	4.940	52.854	43.577	3.569	12.210	5.00		
5.14	5.18	5.160	88.276	9.976	1.748	5.707			
5.18	5.22	5.200	74.555	20.847	4.598	4.534	4.75		
5.22	5.26	5.240	53.631	44.111	2.258	19.534	5.25		
5.26	5.30	5.280	75.236	22.223	2.541	8.746	4.75		
5.30	5.34	5.320	71.517	26.008	2.475	10.507	5.00		
5.34	5.38	5.360	71.860	22.174	5.966	3.717	6.00		
5.38	5.42	5.400	78.860	17.775	3.366	5.281	5.00		
5.42	5.46	5.440	7.814	82.793	3.394	8.814	5.50		
5.46	5.50	5.480	28.514	59.712	11.774	5.072	5.50		
5.50	5.54	5.520	10.699	76.102	13.199	5.766	5.00		
5.54	5.60	5.570	6.316	68.923	24.761	2.784	6.00		
5.60	5.66	5.630	4.721	86.637	8.642	10.025	5.50	8.75	
5.79	5.83	5.810	0.000	91.360	8.640	10.574	5.25		
5.83	5.89	5.860	24.876	71.083	4.042	17.587	4.50	5.00	
6.55	6.59	6.570	58.689	33.722	7.589	4.444	5.75	8.00	7.50
6.59	6.63	6.610	71.292	24.020	4.688	5.124	4.75	6.00	
6.63	6.67	6.650	71.189	25.115	3.696	6.794	4.75		
6.67	6.71	6.690	71.827	24.815	3.358	7.389			
6.71	6.75	6.730	86.924	11.247	1.829	6.148	4.75	6.00	
6.75	6.79	6.770	42.460	42.632	14.909	2.860	5.25	6.75	
6.79	6.83	6.810	50.825	42.708	6.467	6.605	5.25	6.00	
6.83	6.87	6.850	75.149	17.741	7.110	2.495	5.25		
6.87	6.91	6.890	26.356	57.781	15.863	3.643	5.50	4.50	8.75
6.91	6.95	6.930	34.078	55.697	10.224	5.447	5.00	4.50	7.25
6.95	6.99	6.970	38.818	52.084	9.098	5.725	5.00		
7.03	7.07	7.050	41.495	48.916	9.589	5.101	4.75		
7.07	7.11	7.090	45.967	45.258	8.775	5.158	4.50	5.25	
7.15	7.24	7.195	38.271	52.551	9.178	5.726	5.00	4.50	
7.32	7.36	7.340	42.041	51.659	6.300	8.200	4.75		

Walker Lake Core 85-2
Class Percents and Principal Size Modes

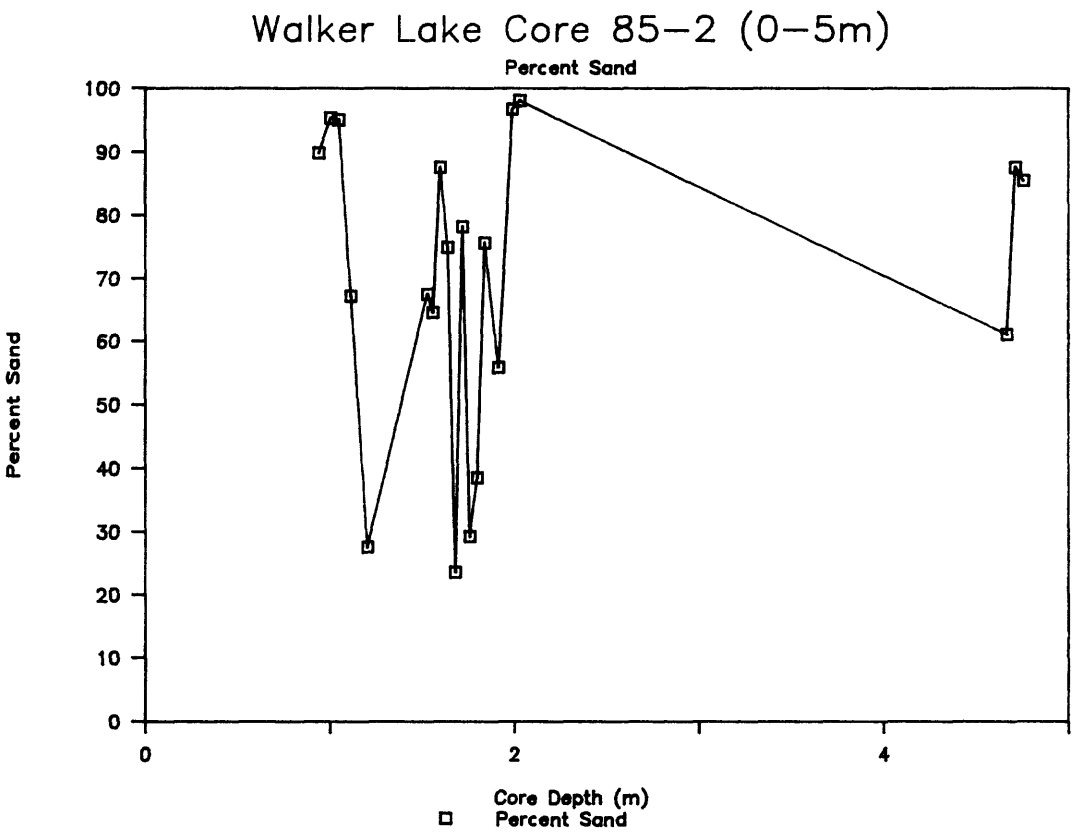
TopInt.	Btm.Int.	Depth	%snd	%slt	%cly	slt/cly	Mode1	Mode2	Mode3
7.36	7.40	7.380	33.353	57.149	9.497	6.018	5.00		
7.40	7.44	7.420	41.388	45.881	12.730	3.604	5.00	6.00	
7.44	7.48	7.460	65.331	29.611	5.058	5.854	4.75		
7.48	7.51	7.495	12.998	55.969	31.034	1.083	5.75	8.50	8.00
7.51	7.55	7.530	37.182	42.911	19.907	2.156	5.50	8.75	
7.55	7.59	7.570	12.076	48.217	39.706	1.214	8.75	6.50	6.00
7.59	7.69	7.640	14.197	54.546	31.258	1.745	6.00	7.50	8.50
7.69	7.80	7.745	14.658	65.790	19.552	3.365	6.00	8.50	
7.80	7.91	7.855	7.744	71.452	20.804	3.435	5.75	8.75	
7.91	8.04	7.975	6.182	63.965	29.853	2.143	5.75	6.25	6.75
8.04	8.16	8.100	7.743	72.173	20.084	3.593	4.25	5.75	7.50
8.16	8.30	8.230	6.603	78.836	14.561	5.414	5.50		
9.05	9.11	9.080	6.198	76.448	17.353	4.405	5.50	6.00	8.25
9.11	9.17	9.140	12.000	74.483	13.517	5.510	5.75		
9.17	9.23	9.200	6.327	75.098	18.575	4.043	6.00	7.50	8.00
9.23	9.29	9.260	10.135	72.970	16.895	4.319	5.75	7.25	8.75
9.29	9.31	9.300	4.249	76.342	19.409	3.933	6.00		
9.31	9.37	9.340	6.497	74.578	18.925	3.941	6.00		
9.40	9.43	9.415	7.269	71.746	20.985	3.419	5.75	7.25	8.25
9.43	9.52	9.475	3.236	66.341	30.423	2.181	6.25	7.00	8.50
9.52	9.60	9.560	6.155	71.022	22.823	3.112	6.25	6.75	
9.60	9.68	9.640	5.026	77.091	17.884	4.311	6.00	6.75	8.50
9.60	9.68	9.640	4.295	67.051	28.654	2.340	6.50	7.00	8.50
9.76	9.83	9.795	4.652	64.255	31.093	2.067	6.75	8.50	
9.83	9.90	9.865	0.000	79.650	20.350	3.914	5.75		
9.90	9.97	9.935	58.087	36.510	5.403	6.758	5.75		
9.97	10.04	10.005	18.502	72.183	9.315	7.749	5.25		
10.04	10.11	10.075	79.574	17.807	2.619	6.800			
10.11	10.18	10.145	32.898	52.212	14.890	3.507	5.75	6.50	
10.18	10.25	10.215	64.418	31.732	3.850	8.242	5.25		
10.25	10.32	10.285	27.021	59.704	13.275	4.498	5.50		
10.32	10.39	10.355	13.667	75.524	10.809	6.987	5.75	7.00	
10.39	10.46	10.425	5.283	78.795	15.922	4.949	5.75		
10.52	10.58	10.550	11.700	77.483	10.817	7.163	4.25	5.75	
10.65	10.70	10.675	15.232	73.274	11.495	6.375	5.50	6.50	
10.70	10.76	10.730	9.100	78.555	12.344	6.364	5.50		
10.76	10.82	10.790	6.563	76.930	16.507	4.660	5.50	7.00	7.50
10.82	10.89	10.855	5.380	75.081	19.539	3.843	5.50	6.75	
10.89	10.96	10.925	12.546	74.135	13.319	5.566	5.50		
10.96	11.03	10.995	8.008	77.476	14.516	5.337	5.50	6.25	7.00
11.03	11.10	11.065	6.730	77.563	15.707	4.938	6.00	6.50	
11.10	11.17	11.135	18.529	73.967	7.503	9.858	5.25	4.50	
11.17	11.24	11.205	28.699	63.836	7.465	8.551	5.50	6.50	
11.24	11.31	11.275	15.968	74.822	9.210	8.124	5.50	6.75	
11.34	11.41	11.375	8.695	80.650	10.655	7.569	5.75		
11.41	11.49	11.450	10.479	80.327	9.194	8.737	5.50	6.50	
11.49	11.57	11.530	7.830	82.557	9.613	8.588	5.50	6.75	
11.57	11.65	11.610	11.977	75.673	12.350	6.128	5.75		
11.65	11.73	11.690	15.089	72.514	12.397	5.849	5.50	6.50	4.75
11.73	11.81	11.770	28.057	58.713	13.230	4.438	5.75		
11.81	11.87	11.840	28.278	62.871	8.850	7.104	5.50	6.50	
11.87	11.93	11.900	13.569	76.465	9.965	7.673	5.75		
11.93	11.99	11.960	11.111	77.401	11.484	6.740	5.75	6.50	

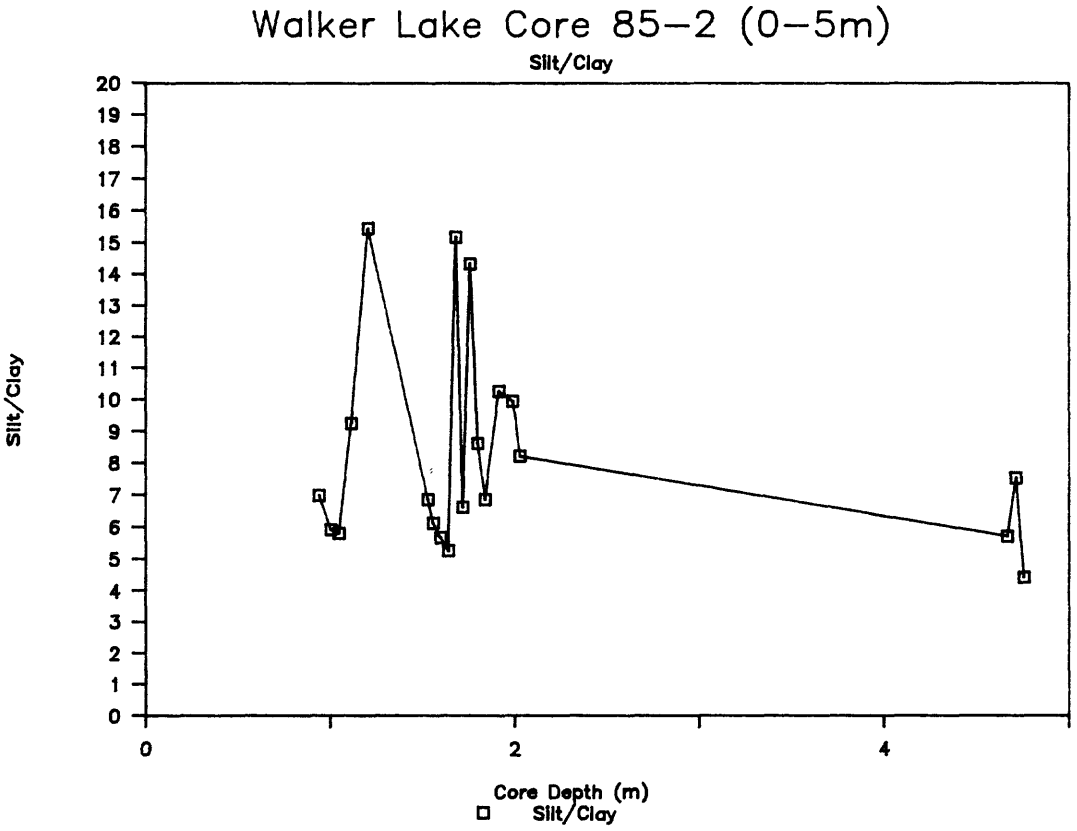
Walker Lake Core 85-2
Class Percents and Principal Size Modes

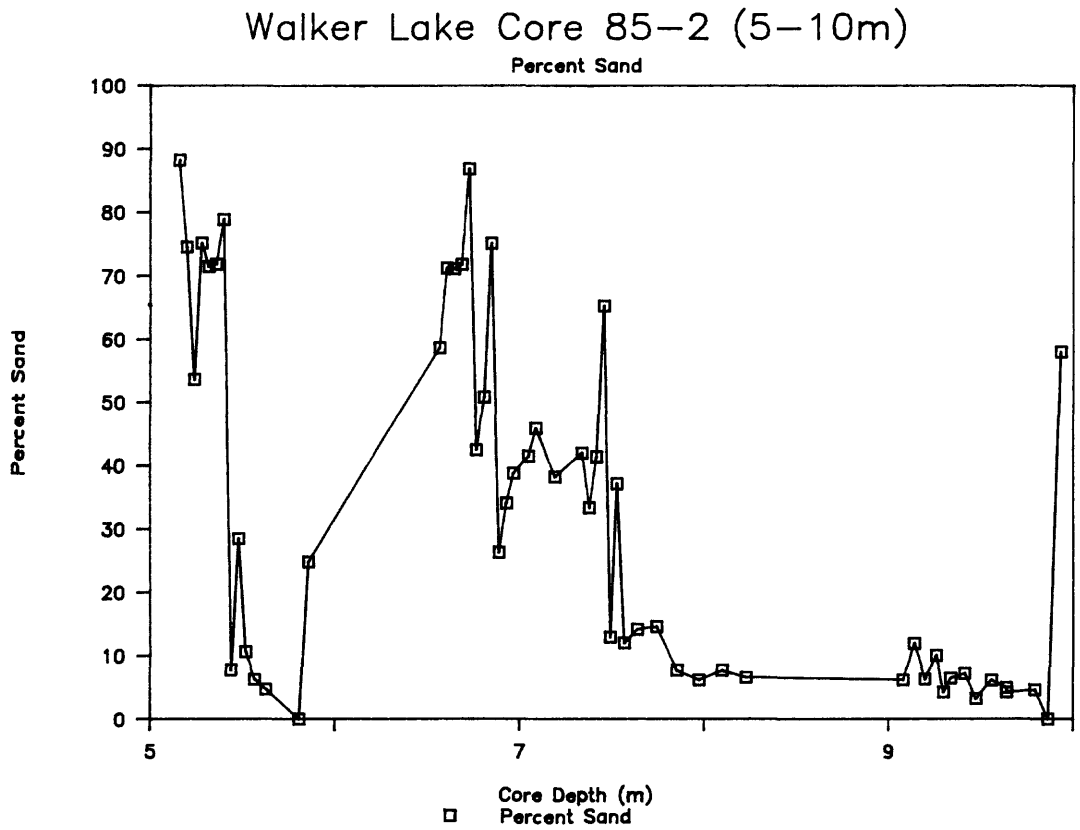
TopInt.	Btm.Int.	Depth	%snd	%slt	%cly	slt/cly	Mode1	Mode2	Mode3
11.99	12.05	12.020	8.926	80.655	10.419	7.741	5.50	6.60	
12.05	12.15	12.100	12.087	78.849	9.064	8.699	5.50	5.00	4.50
12.15	12.25	12.200	10.612	79.511	9.877	8.050	5.25		
12.25	12.35	12.300	6.439	80.865	12.696	6.369	5.50	7.00	
12.35	12.46	12.405	4.789	79.606	15.605	5.101	5.50	8.75	
12.46	12.58	12.520	4.137	76.432	19.432	3.933	5.75	6.50	8.75
13.65	13.72	13.685	5.073	70.616	24.311	2.905	6.00	8.50	
13.72	13.79	13.755	3.223	74.141	22.636	3.275	5.25	7.25	
13.79	13.85	13.820	54.235	41.573	4.192	9.917	5.25	4.50	
13.85	13.93	13.890	6.419	78.497	15.354	5.112	5.25	7.00	
14.07	14.15	14.110	7.084	71.954	20.962	3.433	5.50	6.75	
14.15	14.24	14.195	10.581	74.245	15.174	4.893	5.50	6.75	
14.24	14.33	14.285	4.569	70.266	25.165	2.792	6.00	7.00	8.75
14.43	14.49	14.460	4.225	75.557	20.218	3.737	5.75		
14.33	14.69	14.510	6.702	78.762	14.536	5.418	5.75	4.50	5.00
14.49	14.55	14.520	3.114	80.163	16.723	4.794	4.25	5.75	6.50
14.55	14.61	14.580	8.553	78.709	12.739	6.179	5.25	6.00	4.50
15.10	15.17	15.135	4.828	80.116	15.056	5.321	4.50	5.75	
15.17	15.24	15.205	6.199	68.147	25.655	2.656	6.00	6.50	8.50
15.24	15.31	15.275	2.514	66.651	30.835	2.162	5.75	7.75	8.75
15.31	15.38	15.345	1.830	63.594	34.575	1.839	6.00	7.50	8.75
15.38	15.45	15.415	2.717	76.893	20.391	3.771	5.25	8.75	
16.62	16.69	16.655	7.317	70.912	21.771	3.257	5.50	8.75	7.50
16.69	16.76	16.725	3.597	76.428	19.975	3.826	5.50	7.25	4.50
16.76	16.83	16.795	2.992	70.282	26.726	2.630	5.75	7.50	8.25
16.83	16.90	16.865	5.073	76.701	18.226	4.208	4.25	5.50	
16.90	16.97	16.935	5.447	70.537	24.016	2.937	5.50	8.75	8.00
16.97	17.04	17.005	4.412	66.997	28.590	2.343	5.50	6.00	7.25
17.04	17.11	17.075	4.904	76.904	18.192	4.227	5.25	6.00	7.25
17.11	17.18	17.145	3.222	49.831	46.947	1.061	8.75	6.00	7.75
17.18	17.25	17.215	5.650	76.197	18.153	4.198	5.50		
17.25	17.32	17.285	3.659	77.458	18.883	4.102	5.50	8.50	
17.32	17.39	17.355	5.955	77.625	16.420	4.727	5.50	6.50	7.25
17.39	17.46	17.425	4.636	70.198	25.167	2.789	5.75	6.75	
17.46	17.53	17.495	3.643	71.892	24.465	2.939	5.75	8.75	
17.53	17.60	17.565	3.788	77.884	18.328	4.249	5.50	6.00	6.50
17.69	17.78	17.735	5.028	79.653	15.319	5.200	5.50	6.50	7.25
17.78	17.87	17.825	3.582	71.985	24.432	2.946	6.00	6.50	8.75
17.87	17.95	17.910	16.670	72.789	10.541	6.905	5.50		
17.95	18.04	17.995	24.285	70.854	4.861	14.576	5.25	4.50	6.50
18.68	18.73	18.705	22.680	70.392	6.928	10.161	5.50	6.00	7.00
18.73	18.80	18.765	33.894	61.254	4.852	12.624	5.00	5.75	
18.80	18.84	18.820	7.010	84.286	8.704	9.684	5.25		
18.84	18.90	18.870	8.746	80.888	10.366	7.803	5.25		
18.90	18.94	18.920	83.078	15.507	1.415	10.962	5.50		
18.94	18.98	18.960	76.710	21.424	1.866	11.484	5.25		
18.98	19.02	19.000	85.701	13.213	1.086	12.164	4.50		
19.02	19.06	19.040	82.216	13.740	4.044	3.398			
19.06	19.10	19.080	70.031	24.263	5.706	4.252			
19.10	19.14	19.120	61.883	31.248	6.869	4.549			
19.67	19.72	19.695	65.212	31.549	3.239	9.741	5.00		
19.72	19.77	19.745	88.276	9.976	1.748	5.707			
19.77	19.80	19.785	74.555	20.847	4.598	4.534	4.75		

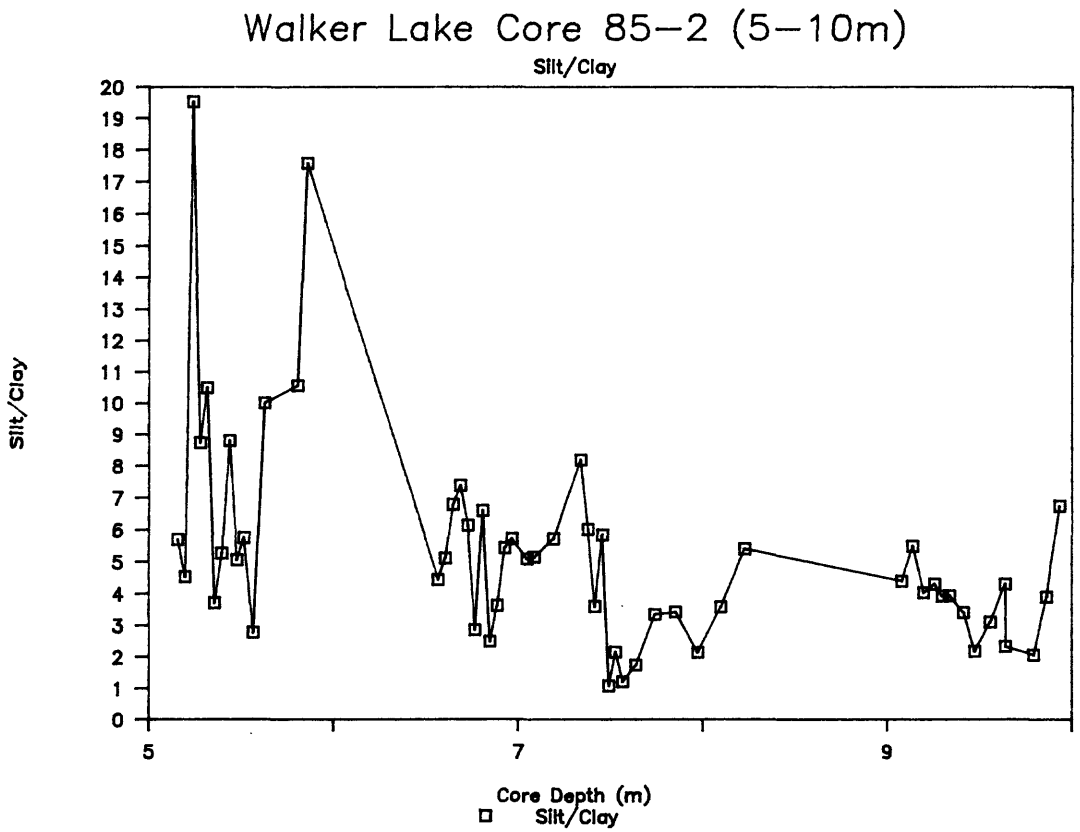
Walker Lake Core 85-2
Class Percents and Principal Size Modes

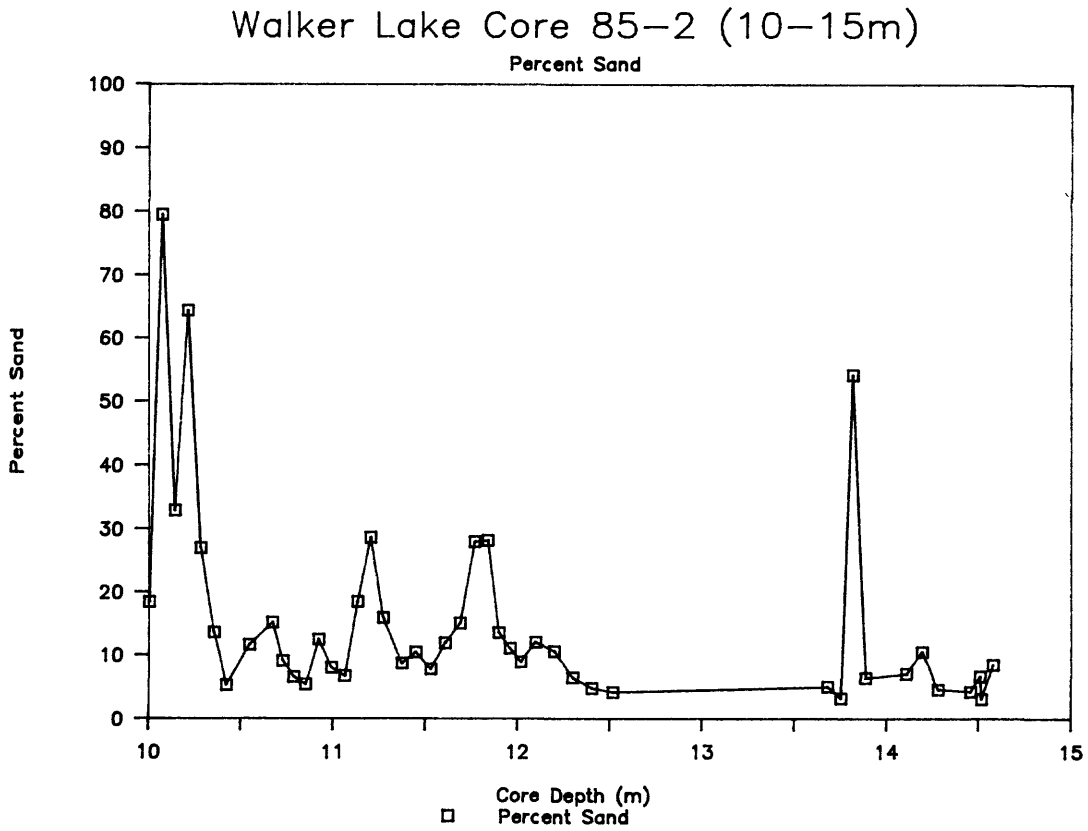
TopInt.	Btm.Int.	Depth	%snd	%slt	%cly	slt/cly	Mode1	Mode2	Mode3
19.80	19.84	19.820	70.766	22.937	6.297	3.643	4.50		
19.84	19.90	19.870	56.591	33.173	10.236	3.241	5.75		
19.90	19.98	19.940	50.916	35.316	13.768	2.565	7.25		
19.98	20.07	20.025	72.902	22.461	4.636	4.845			
22.44	22.51	22.475	67.190	27.140	5.670	4.787	5.50		
22.51	22.56	22.535	51.808	36.814	11.378	3.235	5.75		
22.56	22.62	22.590	97.581	2.132	0.287	7.425			
22.62	22.66	22.640	69.805	23.081	7.114	3.244			
22.66	22.72	22.690	60.975	31.202	7.823	3.989			

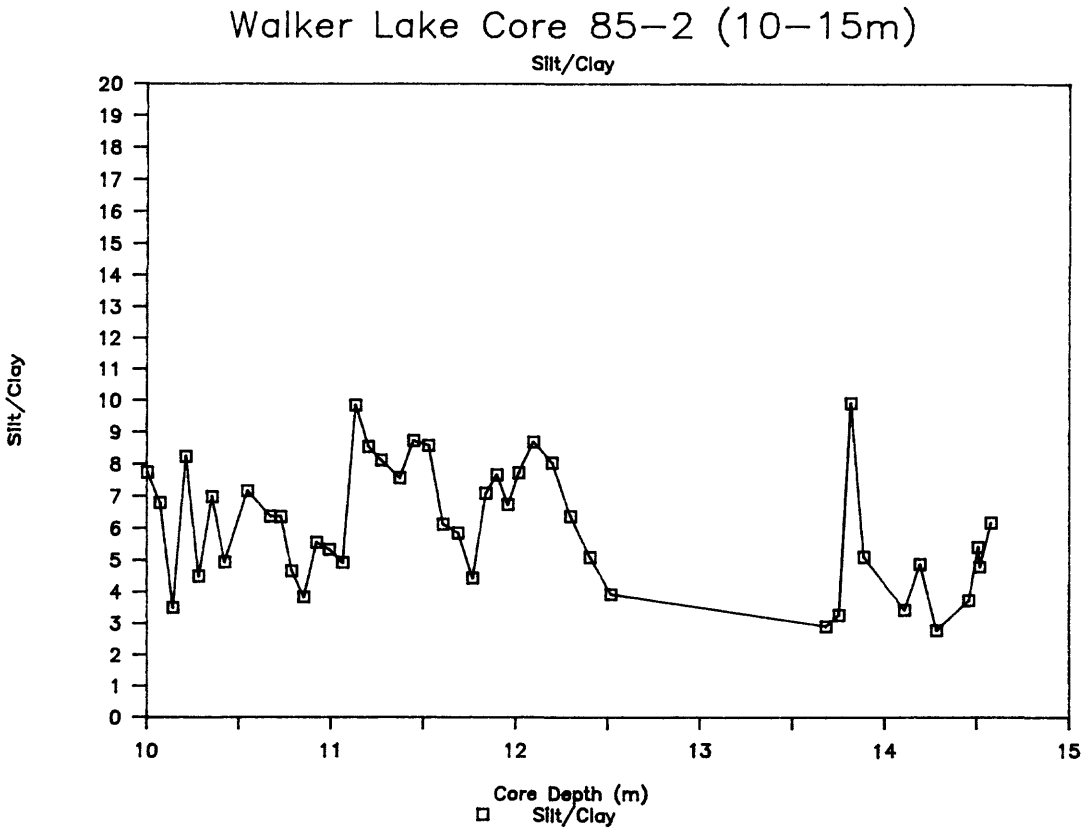

Walker Lake Core 85–2 (0–5m)
Percent Sand
Percent Sand
100
90
80
70
60
50
40
30
20
10
0
0
2
4
Core Depth (m)
Percent Sand

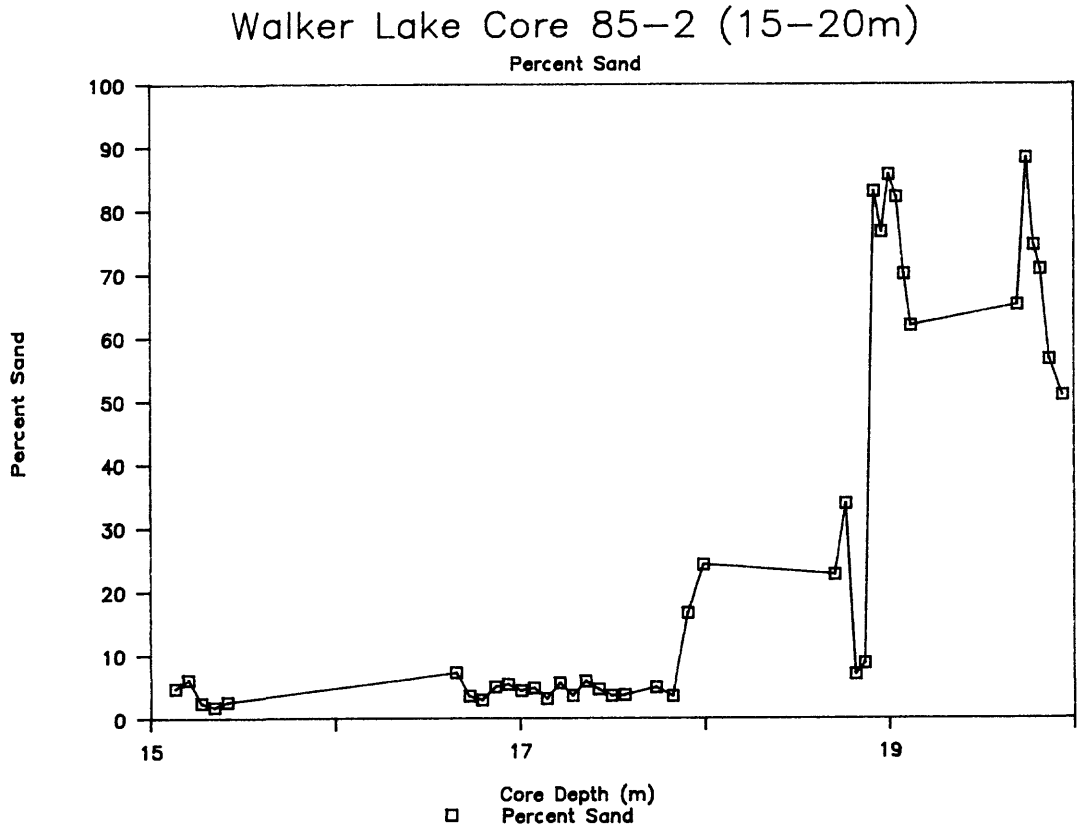

Walker Lake Core 85–2 (0–5m)
Silt/Clay
Silt/Clay
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
2
4
Core Depth (m)
Silt/Clay

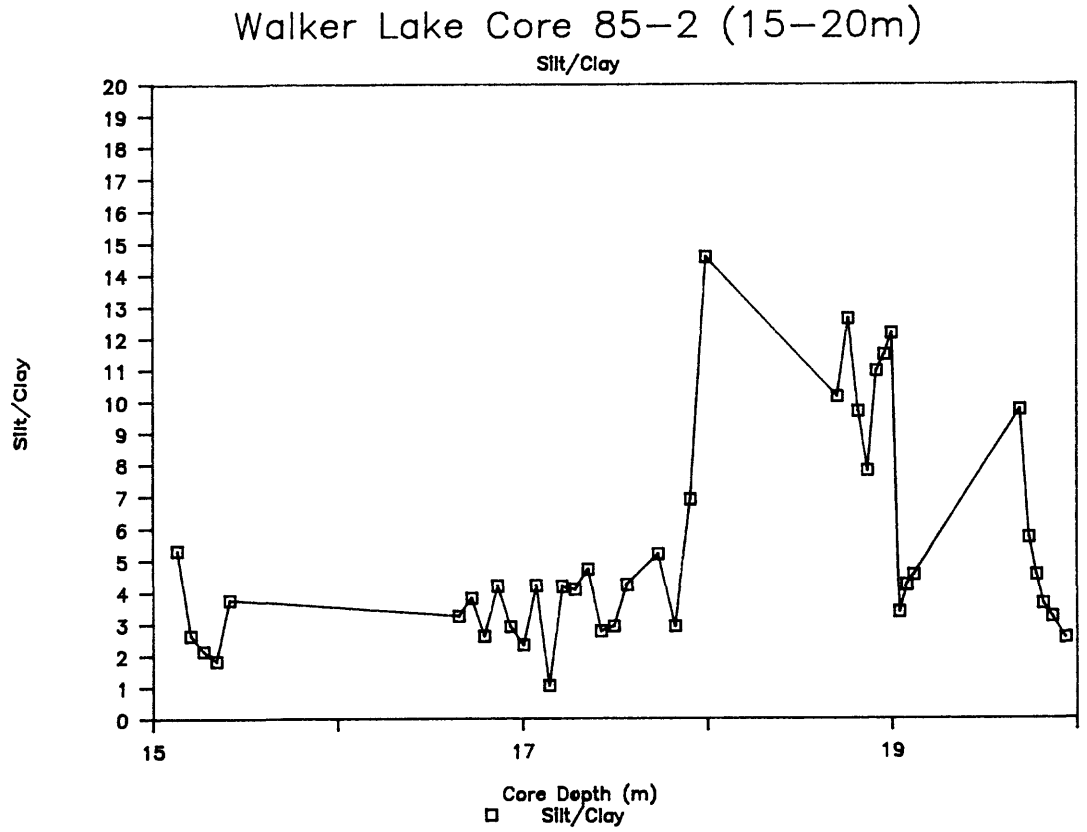

Walker Lake Core 85–2 (5–10m)
Percent Sand
Percent Sand
100
90
80
70
60
50
40
30
20
10
0
5
7
9
Core Depth (m)
Percent Sand

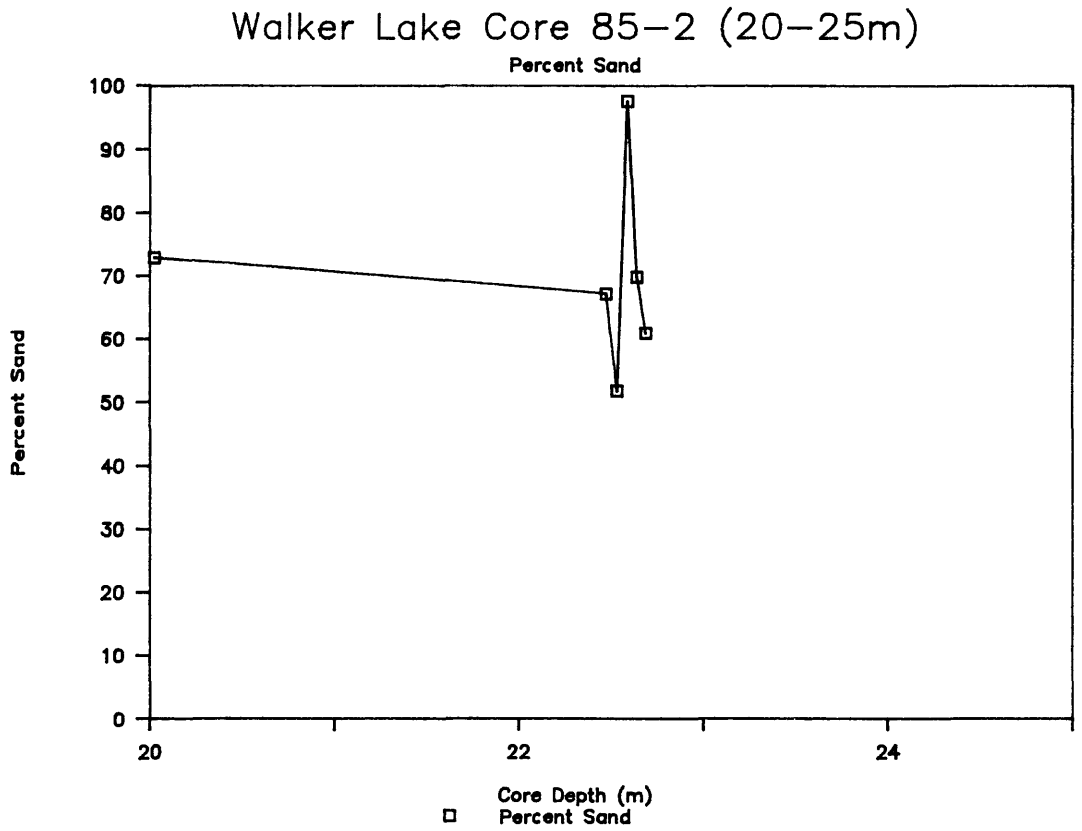

Walker Lake Core 85–2 (5–10m)
Silt/Clay
Silt/Clay
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
5
7
9
Core Depth (m)
Silt/Clay

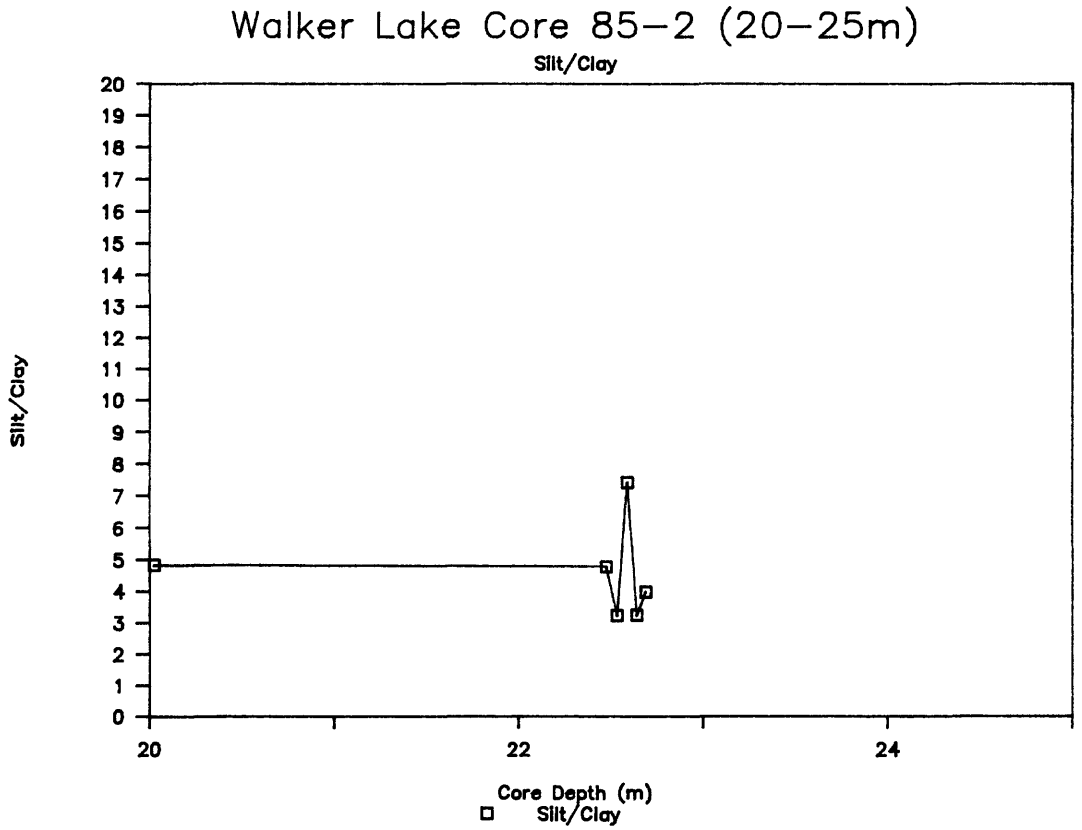

Walker Lake Core 85–2 (10–15m)
Percent Sand
Percent Sand
100
90
80
70
60
50
40
30
20
10
0
10
11
12
13
14
15
Core Depth (m)
Percent Sand


Walker Lake Core 85–2 (10–15m)
Silt/Clay
Silt/Clay
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
10
11
12
13
14
15
Core Depth (m)
Silt/Clay


Walker Lake Core 85–2 (15–20m)
Percent Sand
Percent Sand
100
90
80
70
60
50
40
30
20
10
0
15
17
19
Core Depth (m)
Percent Sand


Walker Lake Core 85–2 (15–20m)
Silt/Clay
Silt/Clay
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
15
17
19
Core Depth (m)
Silt/Clay


Walker Lake Core 85—2 (20—25m)
Percent Sand
Percent Sand
100
90
80
70
60
50
40
30
20
10
0
20
22
24
Core Depth (m)
Percent Sand


Walker Lake Core 85—2 (20—25m)
Silt/Clay
Silt/Clay
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
20
22
24
Core Depth (m)
Silt/Clay

Walker Lake Core 85-2
Graphic And Moment Statistics

TopInt.	Btm.Int.	Depth	Md	Mn	So	Sk	Ku	1st	2nd(var)	2nd(sd)	3rd	4th
0.90	0.98	0.940	3.8892	3.8892	0.2675	0.4138	4.2796	4.0657	0.6750	0.8216	5.7245	40.7632
0.99	1.02	1.005	3.8811	3.8811	0.0547	-1.2668	0.2088	3.9861	0.4034	0.6352	7.5438	70.3209
1.02	1.08	1.050	3.8815	3.8815	0.0780	-0.0378	0.6859	3.9843	0.4116	0.6416	7.5865	69.7600
1.08	1.15	1.115	3.9359	4.4457	0.9906	0.8826	1.8580	4.5490	1.8451	1.3583	2.7309	11.7387
1.18	1.23	1.205	4.5787	4.8156	1.1667	0.4578	1.0883	5.0174	2.0631	1.4363	2.2434	9.4291
1.52	1.54	1.530	3.9350	4.3945	1.0022	0.8804	2.3342	4.5646	2.1862	1.4786	2.9110	12.1758
1.54	1.58	1.560	3.9435	4.5092	1.1294	0.8916	1.5815	4.7062	2.6160	1.6174	2.6168	10.1895
1.58	1.62	1.600	3.8927	3.8927	0.3629	0.4381	5.9601	4.1383	1.0147	1.0073	5.0402	31.4233
1.62	1.66	1.640	3.9168	4.3660	0.9739	0.8887	7.8718	4.5007	2.0633	1.4364	2.9799	12.6487
1.66	1.70	1.680	4.6840	4.8804	1.1765	0.4133	1.1583	5.0824	2.1750	1.4748	2.2862	9.4565
1.70	1.74	1.720	3.9098	4.0213	0.6178	0.7577	134.0200	4.3157	1.5513	1.2455	3.8050	19.0452
1.74	1.78	1.760	4.5965	4.8206	1.1695	0.4511	1.0990	5.0254	2.3079	1.5192	2.3434	9.6230
1.78	1.82	1.800	4.6252	5.0150	1.3840	0.5346	0.9999	5.1540	2.7846	1.6687	1.8725	6.9261
1.82	1.86	1.840	3.9151	4.1701	0.7699	0.8434	14.0982	4.3944	1.6803	1.2963	3.3121	15.2903
1.86	1.97	1.915	3.9738	4.4047	0.9847	0.8526	1.7930	4.6282	1.9935	1.4119	2.8868	12.4904
1.97	2.01	1.990	3.8792	3.8792	0.0762	0.0000	0.7377	3.9356	0.2068	0.4547	10.4538	136.8170
2.01	2.05	2.030	3.8775	3.8775	0.0781	0.0000	0.7377	3.9156	0.1447	0.3803	13.0037	207.6223
4.65	4.69	4.670	3.9547	4.6856	1.3024	0.9029	1.2901	4.8225	2.7980	1.6727	2.1975	7.9371
4.69	4.74	4.715	3.8927	3.8927	0.3642	0.4384	5.9835	4.1310	0.8561	0.9253	4.8415	30.3238
4.74	4.78	4.760	3.8962	3.8962	0.5059	0.4563	8.4382	4.2353	1.3197	1.1488	4.0673	21.2744
4.78	4.82	4.800	5.4659	5.6035	1.4257	0.2090	0.8609	5.7178	2.3448	1.5313	1.1503	5.0268
4.82	4.86	4.840	5.6344	5.8865	1.5331	0.2636	0.9664	6.0174	3.0268	1.7398	1.2811	4.8550
4.86	4.90	4.880	5.3898	5.5212	1.1716	0.2334	1.2216	5.6338	1.7047	1.3056	1.6690	7.6154
4.90	4.98	4.940	3.9038	4.4510	1.0133	0.9216	1.2939	4.6658	1.7274	1.3143	2.4188	10.0964
5.14	5.18	5.160	3.8916	3.8916	0.4264	0.4489	7.2251	4.1542	0.9320	0.9654	4.3404	24.4159
5.18	5.22	5.200	3.9177	4.4974	1.1150	0.9054	2.9465	4.5588	2.1438	1.4642	2.5128	9.5804
5.22	5.26	5.240	3.9114	4.3745	0.8957	0.9031	1.4744	4.5350	1.2416	1.1143	2.3538	9.6129
5.26	5.30	5.280	3.9161	4.3005	0.8671	0.8747	9.4194	4.4012	1.4616	1.2090	2.8423	12.1764
5.30	5.34	5.320	3.9248	4.3691	0.9054	0.8779	1.8338	4.4608	1.4477	1.2032	2.6517	11.3550
5.34	5.38	5.360	3.9239	4.5954	1.2519	0.9130	7.2127	4.6743	2.6941	1.6414	2.3425	8.3585
5.38	5.42	5.400	3.9085	4.1178	0.7488	0.8320	9.1795	4.3520	1.5875	1.2600	3.3449	15.2591
5.42	5.46	5.440	5.7142	5.9710	1.3041	0.2822	1.2871	6.0451	2.2111	1.4870	1.4848	6.2754
5.46	5.50	5.480	5.6929	5.7210	1.6733	0.1282	0.6915	5.8791	3.2934	1.8148	0.9921	4.1237
5.50	5.54	5.520	5.9524	6.1974	1.4502	0.1945	0.9419	6.2247	2.7698	1.6643	1.0308	4.5447
5.54	5.60	5.570	6.9423	7.0507	1.6257	0.0629	1.2831	7.0737	3.2933	1.8147	0.5972	3.7037
5.60	5.66	5.630	5.7935	6.0605	1.2878	0.2706	1.1380	6.0972	1.9381	1.3922	1.2291	5.6739
5.79	5.83	5.810	5.7578	5.9847	1.2000	0.3335	1.0243	6.0738	1.8102	1.3454	1.5100	6.3241
5.83	5.89	5.860	4.5927	4.8537	1.1586	0.4644	1.0594	5.0180	1.7765	1.3329	1.9515	8.1551
6.55	6.59	6.570	3.9630	4.9195	1.5034	0.9135	0.8547	5.1029	3.2028	1.7896	1.5330	5.1071
6.59	6.63	6.610	3.9253	4.5092	1.1230	0.9019	2.1439	4.5957	2.1465	1.4651	2.4486	9.3103
6.63	6.67	6.650	3.9256	4.4534	1.0500	0.8942	2.1427	4.5446	1.9411	1.3932	2.5619	10.1297
6.67	6.71	6.690	3.9240	4.4721	1.0350	0.8951	1.8379	4.5361	1.8226	1.3500	2.4923	9.9385
6.71	6.75	6.730	3.8938	3.8938	0.4621	0.4525	7.7714	4.1848	1.0177	1.0088	4.1587	22.8831
6.75	6.79	6.770	5.1670	5.6244	1.8758	0.4295	0.7842	5.6923	4.6854	2.1646	1.2248	3.8166
6.79	6.83	6.810	3.9559	4.7396	1.3484	0.9118	1.0965	4.9862	2.7122	1.6469	1.9149	6.9139
6.83	6.87	6.850	3.9163	4.5336	1.2388	0.9140	11.6968	4.6766	2.9607	1.7207	2.4530	8.6955
6.87	6.91	6.890	5.5034	5.7962	1.8176	0.2834	0.6493	5.9217	4.0532	2.0132	1.0585	3.7061
6.91	6.95	6.930	4.8744	5.2949	1.5795	0.4759	0.9383	5.4050	3.5008	1.8710	1.6195	5.4155
6.95	6.99	6.970	4.3088	4.9994	1.4995	0.7414	0.9873	5.2050	3.3947	1.8425	1.8124	6.0700
7.03	7.07	7.050	4.7100	5.1855	1.5528	0.5418	0.9880	5.3114	3.5759	1.8910	1.7054	5.6646
7.07	7.11	7.090	4.2686	4.9888	1.4973	0.7568	1.0238	5.1494	3.2603	1.8056	1.7465	5.8651
7.15	7.24	7.195	4.5711	5.0948	1.5100	0.6041	1.0710	5.2474	3.4253	1.8508	1.8137	6.0797
7.32	7.36	7.340	4.4028	4.8879	1.3371	0.6471	1.1059	4.0368	2.6063	1.6144	1.9349	7.1163

Walker Lake Core 85-2
Graphic And Moment Statistics

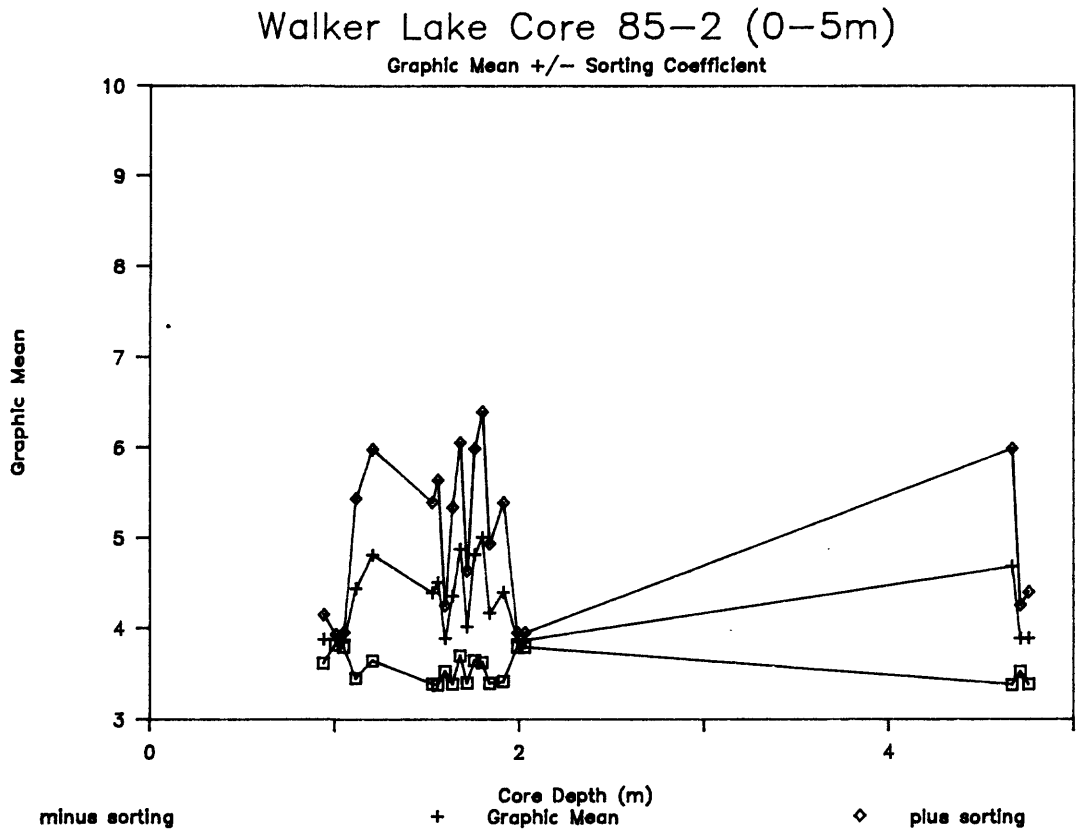
TopInt.	Btm.Int.	Depth	Md	Mn	So	Sk	Ku	1st	2nd(var)	2nd(sd)	3rd	4th
7.36	7.40	7.380	4.9270	5.2639	1.5384	0.4337	0.9784	5.3867	3.4024	1.8446	1.6879	5.7629
7.40	7.44	7.420	4.8296	5.3972	1.7473	0.5405	0.8934	5.4961	4.2456	2.0605	1.4948	4.6591
7.44	7.48	7.460	3.9413	4.5925	1.1974	0.9007	1.3008	4.7277	2.3454	1.5315	2.2248	8.3065
7.48	7.51	7.495	6.6900	6.7924	2.1442	0.1641	1.0205	7.0394	5.3439	2.3117	0.5765	2.5118
7.51	7.55	7.530	5.4660	5.9263	2.1797	0.4027	0.7777	6.0448	5.6854	2.3844	0.9943	3.0355
7.55	7.59	7.570	7.4223	7.2176	2.4180	0.0027	1.2165	7.5595	5.8802	2.4249	0.2663	2.1879
7.59	7.69	7.640	6.8345	6.7189	2.1812	0.0550	1.0981	7.0567	5.0523	2.2477	0.5085	2.6126
7.69	7.80	7.745	6.2632	6.2953	1.9560	0.1312	1.2659	6.6114	4.0026	2.0007	0.8496	3.6005
7.80	7.91	7.855	6.3428	6.6357	1.7679	0.2315	1.1674	6.7245	3.6694	1.9156	0.9194	3.7177
7.91	8.04	7.975	6.8181	7.0007	1.9746	0.1827	1.1593	7.2027	4.4280	2.1043	0.7048	2.8838
8.04	8.16	8.100	6.0486	6.1955	2.0165	0.2155	1.0574	6.4690	4.3377	2.0827	0.9247	3.3973
8.16	8.30	8.230	5.8965	6.3071	1.4842	0.3597	1.1623	6.4059	2.9566	1.7195	1.3548	5.0132
9.05	9.11	9.080	6.1443	6.4908	1.4954	0.2507	1.0546	6.5502	2.8073	1.6755	1.1560	4.6747
9.11	9.17	9.140	5.9071	6.2503	1.4420	0.2836	1.1962	6.2793	2.9147	1.7073	1.1558	4.8605
9.17	9.23	9.200	6.5117	6.7885	1.4720	0.2019	1.2955	6.8285	2.8204	1.6794	1.0012	4.5911
9.23	9.29	9.260	6.3892	6.6389	1.4754	0.1731	1.2188	6.6519	3.0122	1.7356	0.8823	4.3439
9.29	9.31	9.300	6.5370	6.8013	1.4499	0.1962	1.1847	6.8539	2.7259	1.6510	1.0367	4.6261
9.31	9.37	9.340	6.5288	6.7775	1.5163	0.1598	1.2900	6.8135	2.9038	1.7040	0.9388	4.4345
9.40	9.43	9.415	6.5232	6.7789	1.5604	0.1850	1.1790	6.8268	3.0952	1.7593	0.8949	4.1278
9.43	9.52	9.475	7.1530	7.3500	1.6881	0.1721	1.4194	7.4443	3.4706	1.8630	0.6532	3.4772
9.52	9.60	9.560	6.8407	7.0863	1.5973	0.1756	1.4876	7.1156	3.1144	1.7648	0.8110	4.1210
9.60	9.68	9.640	6.5376	6.7986	1.4411	0.1936	1.3592	6.8340	2.7167	1.6482	1.0666	4.8172
9.60	9.68	9.640	7.0958	7.2458	1.6444	0.1556	1.3621	7.3720	3.2318	1.7977	0.7532	3.7227
9.76	9.83	9.795	7.2107	7.3475	1.7700	0.1397	1.5450	7.4981	3.7193	1.9285	0.6144	3.3105
9.83	9.90	9.865	6.5788	6.8679	1.4241	0.4056	1.1117	7.0111	2.9109	1.7061	1.3246	4.4873
9.90	9.97	9.935	3.9652	4.7923	1.3605	0.9033	0.8542	5.0201	2.7152	1.6478	1.6259	5.8520
9.97	10.04	10.005	5.5088	5.5594	1.5458	0.1755	1.2623	5.8355	2.7426	1.6561	1.3988	5.6615
10.04	10.11	10.075	3.9071	4.2960	0.8279	0.8782	8.3135	4.3770	1.5023	1.2257	2.2357	15.3171
10.11	10.18	10.145	5.8300	5.8619	1.8492	0.1463	0.7044	5.9998	4.3062	2.0751	0.9453	3.5515
10.18	10.25	10.215	3.9440	4.5535	1.1153	0.8923	1.0667	4.7297	2.0885	1.4452	2.1895	8.7160
10.25	10.32	10.285	5.6013	5.7327	1.7602	0.2142	0.7536	5.9615	3.7352	1.9327	1.1556	4.2920
10.32	10.39	10.355	5.9881	6.1655	1.3525	0.1775	1.3298	6.2158	2.6988	1.6428	1.1824	5.3662
10.39	10.46	10.425	6.3819	6.6537	1.4158	0.2132	1.3644	6.7109	2.6597	1.6309	1.1895	5.1116
10.52	10.58	10.550	5.5120	5.6243	1.5813	0.2181	0.8262	5.7639	3.3033	1.8175	1.3524	4.9274
10.65	10.70	10.675	5.6818	5.7532	1.6283	0.1600	1.1262	6.0102	3.0942	1.7590	1.2116	4.8212
10.70	10.76	10.730	5.9478	6.2486	1.3902	0.2608	1.1713	6.2990	2.6819	1.6376	1.2643	5.2779
10.76	10.82	10.790	6.0573	6.4379	1.5807	0.3071	1.1768	6.5394	3.1620	1.7782	1.1864	4.4870
10.82	10.89	10.855	6.1728	6.5492	1.6794	0.3028	1.1217	6.6504	3.3733	1.8367	1.1250	4.1054
10.89	10.96	10.925	5.8014	6.0135	1.5615	0.2140	1.0896	6.1842	3.0723	1.7528	1.1724	4.6866
10.96	11.03	10.995	6.0815	6.3753	1.4406	0.2373	1.1703	6.4290	2.8283	1.6817	1.1795	4.9127
11.03	11.10	11.065	5.9987	6.3267	1.6051	0.3048	1.1928	6.4654	3.2880	1.8133	1.2234	4.5290
11.10	11.17	11.135	5.4589	5.4918	1.4755	0.1628	1.1221	5.7214	2.4404	1.5622	1.3549	5.8053
11.17	11.24	11.205	5.5531	5.5154	1.5122	0.1062	0.7391	5.6929	2.6073	1.6147	1.0707	4.8980
11.24	11.31	11.275	5.5958	5.6163	1.5670	0.1449	1.1524	5.8810	2.9049	1.7044	1.3066	5.2963
11.34	11.41	11.375	5.9773	6.2006	1.2741	0.2287	1.4011	6.2796	2.3869	1.5449	1.3315	5.9918
11.41	11.49	11.450	5.7773	6.0286	1.2646	0.2892	1.4100	6.0814	2.3210	1.5235	1.4327	6.3047
11.49	11.57	11.530	5.7293	5.9828	1.3125	0.2711	1.1773	6.0456	2.1260	1.4581	1.2931	5.7634
11.57	11.65	11.610	5.9596	6.2082	1.4180	0.2561	1.3407	6.3080	2.9979	1.7315	1.2645	5.1380
11.65	11.73	11.690	5.5605	5.6976	1.6247	0.2043	0.8366	5.8989	3.2768	1.8102	1.2216	4.5689
11.73	11.81	11.770	5.6054	5.6684	1.7091	0.1855	0.7074	5.8792	3.8186	1.9541	1.1699	4.2677
11.81	11.87	11.840	5.3623	5.3745	1.5579	0.1862		5.5747	3.1406	1.7722	1.4734	5.5443
11.87	11.93	11.900	5.9337	6.1001	1.3263	0.1828	1.3392	6.1582	2.6244	1.6200	1.2268	5.5639
11.93	11.99	11.960	5.8406	6.1030	1.3545	0.2757	1.3379	6.1952	2.7852	1.6689	1.3710	5.5662

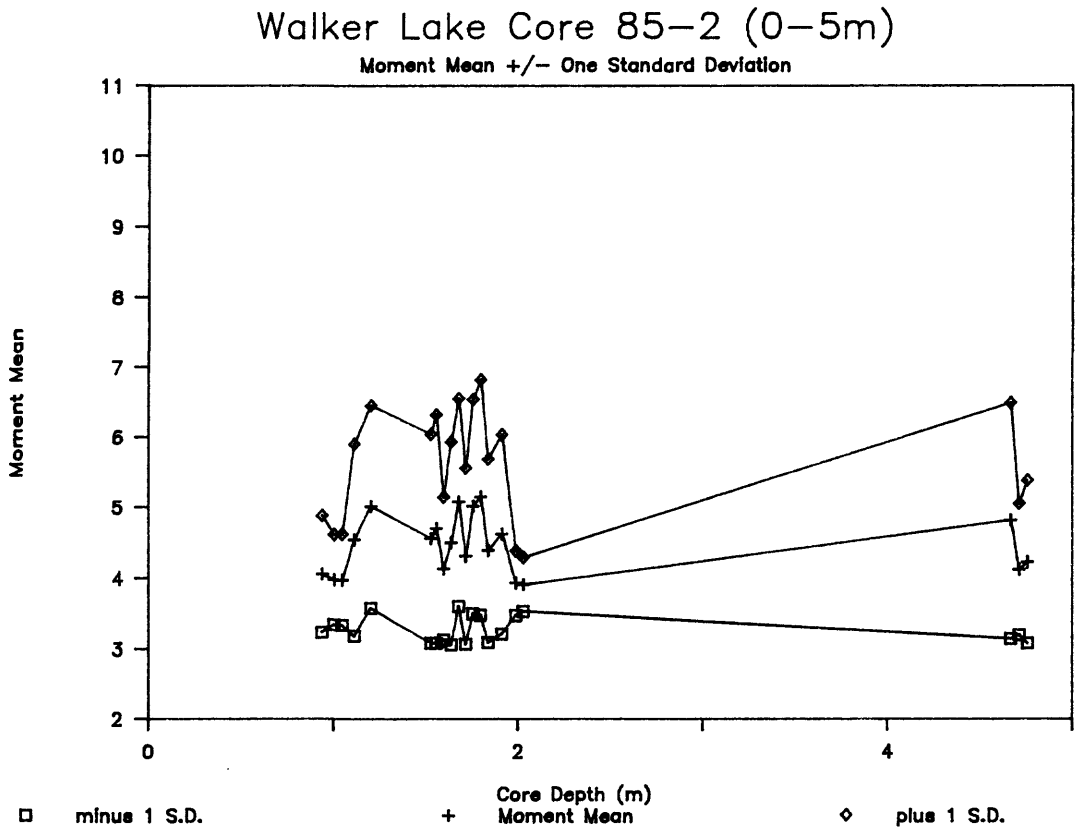
Walker Lake Core 85-2
Graphic And Moment Statistics

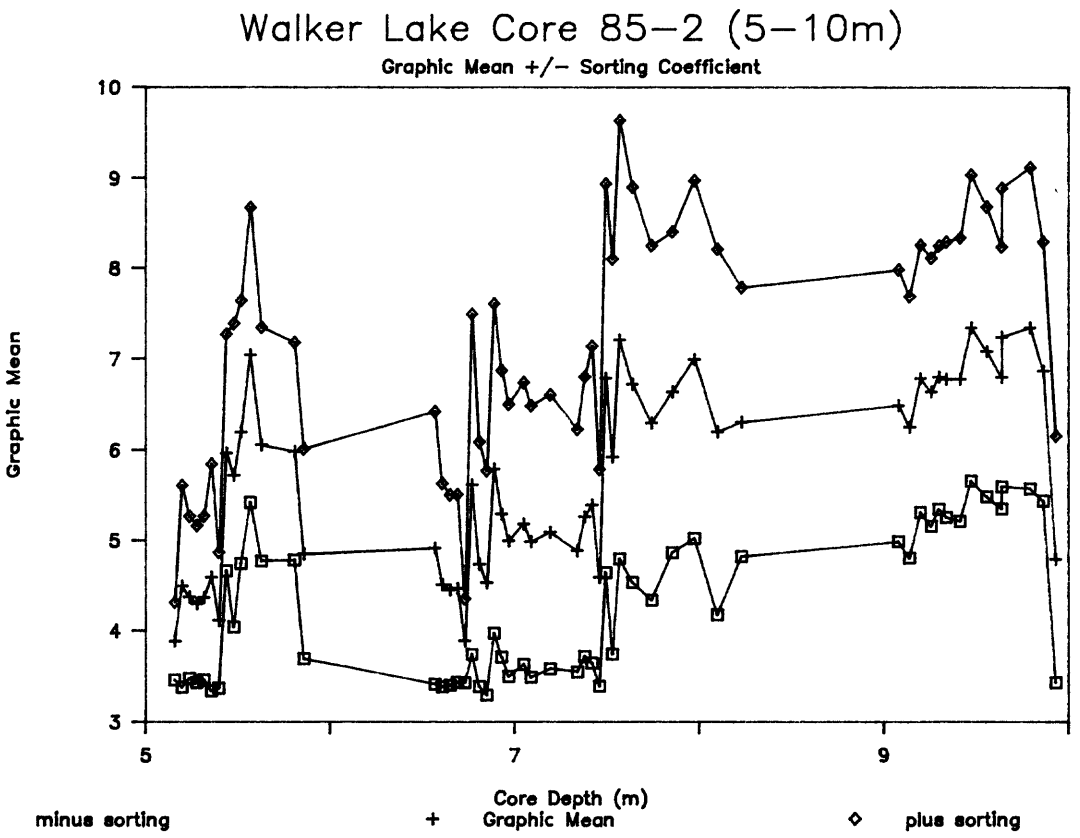
TopInt.	Btm.Int.	Depth	Md	Mn	So	Sk	Ku	1st	2nd(var)	2nd(sd)	3rd	4th
11.99	12.05	12.020	5.8829	6.1353	1.3373	0.2495	1.2078	6.2020	2.4451	1.5637	1.2525	5.5699
12.05	12.15	12.100	5.4885	5.6829	1.4192	0.2612	1.2094	5.8058	2.5592	1.5997	1.5353	6.0755
12.15	12.25	12.200	5.5247	5.9099	1.3133	0.4130	1.3269	5.9643	2.5775	1.6054	1.5855	6.1953
12.25	12.35	12.300	5.9532	6.2374	1.3901	0.2698	1.1982	6.3452	2.7457	1.6570	1.3359	5.3011
12.35	12.46	12.405	5.9820	6.3926	1.4554	0.3928	1.1566	6.4926	2.8997	1.7029	1.3913	5.0534
12.46	12.58	12.520	6.2642	6.6408	1.5805	0.3315	1.1085	6.7229	3.1263	1.7681	1.1821	3.3481
13.65	13.72	13.685	6.5833	6.8287	1.7908	0.2279	1.2347	6.9787	3.7526	1.9372	0.8979	3.5245
13.72	13.79	13.755	6.2739	6.6688	1.6803	0.4289	0.9379	6.8273	3.6646	1.9143	1.1153	3.6848
13.79	13.85	13.820	3.9805	4.6117	1.1519	0.8766	1.0392	4.8229	2.0938	1.4470	2.1329	8.6036
13.85	13.93	13.890	6.0612	6.3656	1.4869	0.2490	1.0477	6.4374	2.9385	1.7142	1.1831	4.6600
14.07	14.15	14.110	6.4385	6.6758	1.7264	0.2055	1.1194	6.7668	3.5728	1.8902	0.9419	3.7536
14.15	14.24	14.195	5.7894	6.2248	1.5532	0.3607	1.1319	6.2817	3.2684	1.8079	1.2085	4.5340
14.24	14.33	14.285	6.6490	6.8275	1.8699	0.1931	1.1683	6.9756	4.1158	2.0287	0.7937	3.2230
14.43	14.49	14.460	6.2825	6.6300	1.6040	0.3123	1.1080	6.7423	3.2486	1.8024	1.1179	4.1553
14.33	14.69	14.510	5.8575	6.0641	1.6267	0.2252	0.9856	6.2589	3.2389	1.7980	1.2148	4.5477
14.49	14.55	14.520	5.8373	5.9957	1.7838	0.2129	0.8210	6.2411	3.6023	1.8980	1.0703	3.9456
14.55	14.61	14.580	5.8379	6.1520	1.4471	0.2860	1.1091	6.2024	2.9665	1.7224	1.2788	4.9699
15.10	15.17	15.135	5.9132	6.0497	1.7062	0.2048	0.8810	6.2573	3.5489	1.8839	1.1489	4.2307
15.17	15.24	15.205	6.1654	6.6785	1.8983	0.3918	1.1286	6.8742	4.1543	2.0382	0.9340	3.2573
15.24	15.31	15.275	6.2085	6.7531	1.9018	0.4512	0.9999	7.0380	4.3644	2.0891	0.9735	2.9020
15.31	15.38	15.345	7.3728	7.3262	1.7640	0.0829	1.1093	7.5416	3.8470	1.9614	0.6661	2.9163
15.38	15.45	15.415	5.9092	6.4821	1.4865	0.5435	0.8047	6.5499	3.1532	1.7757	1.2745	4.2537
16.62	16.69	16.655	5.8397	6.4373	1.6999	0.4409	0.9486	6.5114	3.6402	1.9079	1.0751	3.7596
16.69	16.76	16.725	5.8880	6.4429	1.6549	0.4630	1.0029	6.5935	3.5388	1.8812	1.1058	3.8796
16.76	16.83	16.795	6.2173	6.7307	1.7230	0.5031	0.9562	7.0048	3.9135	1.9783	0.9457	3.2513
16.83	16.90	16.865	5.5805	5.9946	1.9079	0.3850	1.0392	6.2019	4.1013	2.0252	1.2236	3.9264
16.90	16.97	16.935	5.6863	6.4773	1.8860	0.5901	1.0305	6.6058	4.4089	2.0997	1.1396	3.3797
16.97	17.04	17.005	6.1999	6.7411	1.8277	0.4939	0.9589	7.0304	4.1995	2.0493	0.8671	3.0077
17.04	17.11	17.075	6.0185	6.4269	1.5937	0.3260	1.0087	6.5132	3.1533	1.7758	1.1948	4.3484
17.11	17.18	17.145	7.8181	7.7722	2.1440	0.0451	1.2819	7.9846	4.8896	2.2112	0.2719	2.2491
17.18	17.25	17.215	5.9652	6.4368	1.6103	0.3741	1.1277	6.5355	3.2291	1.7970	1.2014	4.3719
17.25	17.32	17.285	5.9989	6.4537	1.6018	0.4281	0.9617	6.5885	3.3413	1.8279	1.1991	4.1535
17.32	17.39	17.355	6.0106	6.4044	1.5940	0.3166	1.1606	6.4917	3.2248	1.7958	1.2039	4.4477
17.39	17.46	17.425	6.6987	6.8942	1.7431	0.1903	1.1394	7.0351	3.5660	1.8884	0.8770	3.5671
17.46	17.53	17.495	6.3876	6.7579	1.7284	0.3898	1.0098	6.9338	3.7798	1.9442	1.0231	3.5023
17.53	17.60	17.565	6.3404	6.5836	1.6004	0.2301	1.0791	6.6892	3.1825	1.7840	1.1300	4.2507
17.69	17.78	17.735	6.1757	6.4071	1.4974	0.2042	1.0965	6.4915	3.0089	1.7346	1.1166	4.5605
17.78	17.87	17.825	6.8736	7.0694	1.6060	0.1933	1.2865	7.1740	3.1506	1.7750	0.9194	3.9584
17.87	17.95	17.910	5.5103	5.5642	1.6357	0.1804	1.1586	5.8756	2.8164	1.6782	1.3347	5.2793
17.95	18.04	17.995	5.2092	5.1881	1.2629	0.1497	0.9657	5.3464	1.9040	1.3798	1.4939	6.6916
18.68	18.73	18.705	5.2190	5.3197	1.4584	0.2338	0.8564	5.4998	2.5749	1.6047	1.4713	5.8981
18.73	18.80	18.765	4.9109	5.0904	1.2891	0.3335	0.8928	5.1855	2.1244	1.4575	1.5628	6.3997
18.80	18.84	18.820	5.6666	5.9681	1.2864	0.3021	1.3268	6.0166	2.0742	1.4402	1.4910	6.4941
18.84	18.90	18.870	5.6914	5.9901	1.3950	0.2880	1.1632	6.0474	2.4339	1.5601	1.3082	5.4507
18.90	18.94	18.920	3.9005	4.1053	0.5982	0.8229	7.0727	4.2323	0.9340	0.9665	3.5225	18.1233
18.94	18.98	18.960	3.9130	4.3536	0.9023	0.8852	8.5723	4.4188	1.4123	1.1884	2.4888	9.7905
18.98	19.02	19.000	3.8959	3.8959	0.4504	0.4504	7.4322	4.1650	0.7915	0.8897	3.6653	17.8952
19.02	19.06	19.040	3.9020	3.9923	0.7214	0.7491	10.7110	4.4163	1.9635	1.4012	2.9591	12.0715
19.06	19.10	19.080	3.9285	4.6475	1.2680	0.9130	1.3311	4.7313	2.5663	1.6020	2.1599	7.7217
19.10	19.14	19.120	3.9520	4.7064	1.3376	0.9067	1.3826	4.7984	2.8578	1.6905	2.1487	7.4613
19.67	19.72	19.695	3.9417	4.5062	1.0468	0.8865	1.1781	4.6239	1.7684	1.3298	2.2317	8.8747
19.72	19.77	19.745	3.8916	3.8916	0.4264	0.4489	7.2251	4.1542	0.9320	0.9654	4.3404	24.4159
19.77	19.80	19.785	3.9177	4.4974	1.1150	0.9054	2.9465	4.5588	2.1438	1.4642	2.5128	9.5804

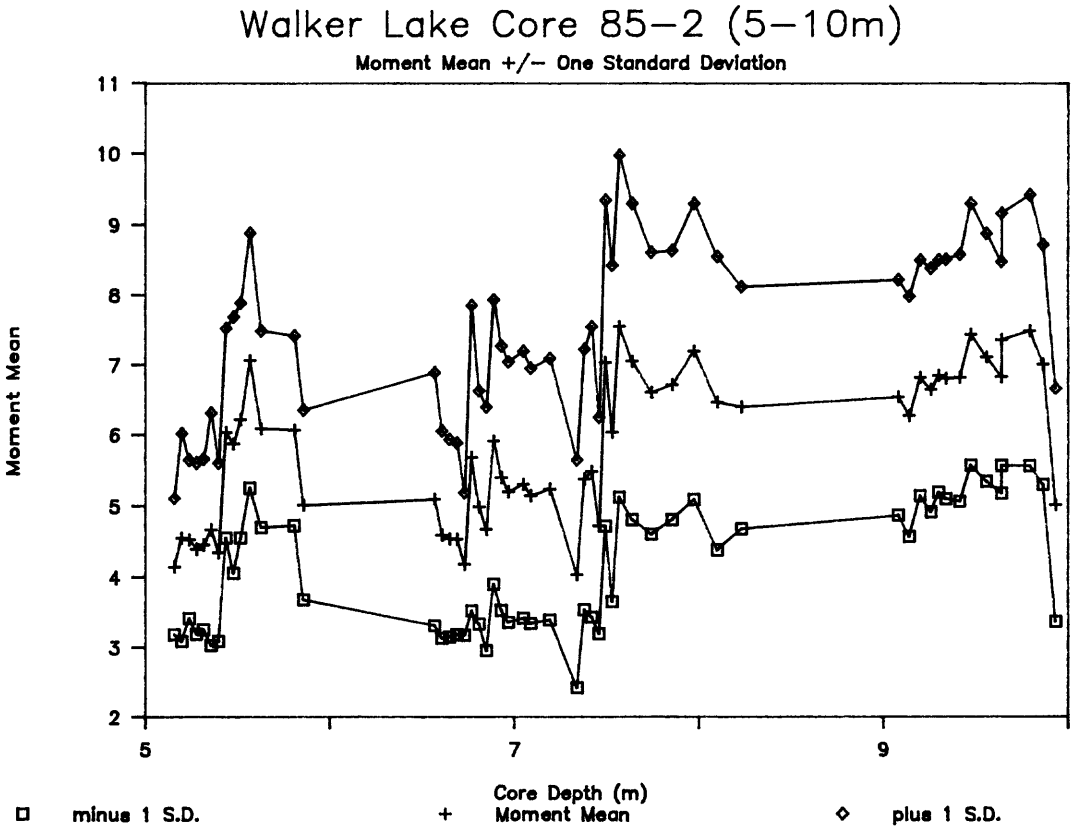
Walker Lake Core 85-2
Graphic And Moment Statistics

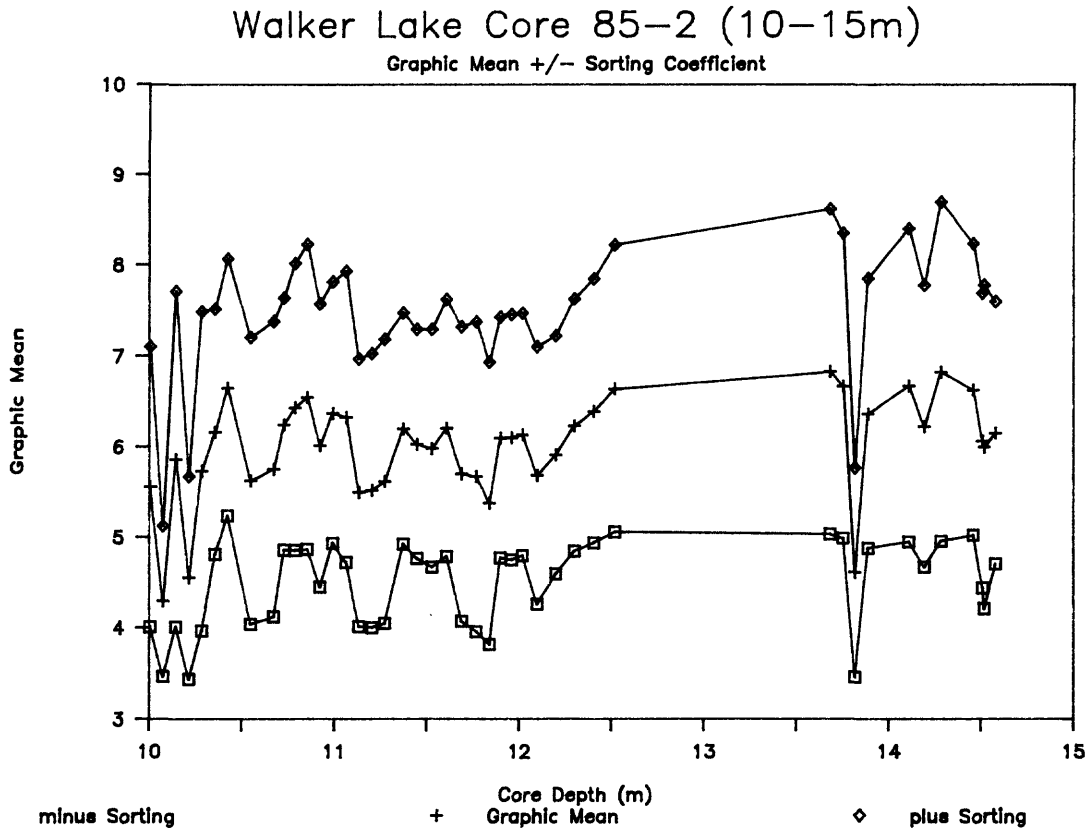
TopInt.	Btm.Int.	Depth	Md	Mn	So	Sk	Ku	1st	2nd(var)	2nd(sd)	3rd	4th
19.80	19.84	19.820	3.9266	4.4247	1.1346	0.8964	2.7942	4.6349	2.6798	1.6370	2.6390	9.8573
19.84	19.90	19.870	3.9709	5.0336	1.6336	0.9174	0.8027	5.2409	3.8288	1.9567	1.4635	4.6166
19.90	19.98	19.940	3.8577	5.1577	1.7637	0.9763	0.6557	5.5409	4.4693	2.1141	1.1268	3.5281
19.98	20.07	20.025	3.9215	4.4523	1.0731	0.8982	3.6509	4.5536	2.1451	1.4646	2.6620	10.5327
22.44	22.51	22.475	3.9360	4.6199	1.2512	0.9075	1.2792	4.7467	2.4779	1.5741	2.1514	7.7902
22.51	22.56	22.535	3.9913	5.0824	1.6699	0.9117	0.7698	5.4177	4.0893	2.0222	1.3394	4.2914
22.56	22.62	22.590	3.8781	3.8781	0.0785	0.0000	0.7377	3.9255	0.1664	0.4080	10.9899	149.3733
22.62	22.66	22.640	3.9291	4.7297	1.3717	0.9196	1.4763	4.7805	2.9811	1.7266	2.1321	7.2469
22.66	22.72	22.690	3.9550	4.7567	1.4071	0.9101	1.2833	4.8956	3.2262	1.7962	2.0741	7.0034

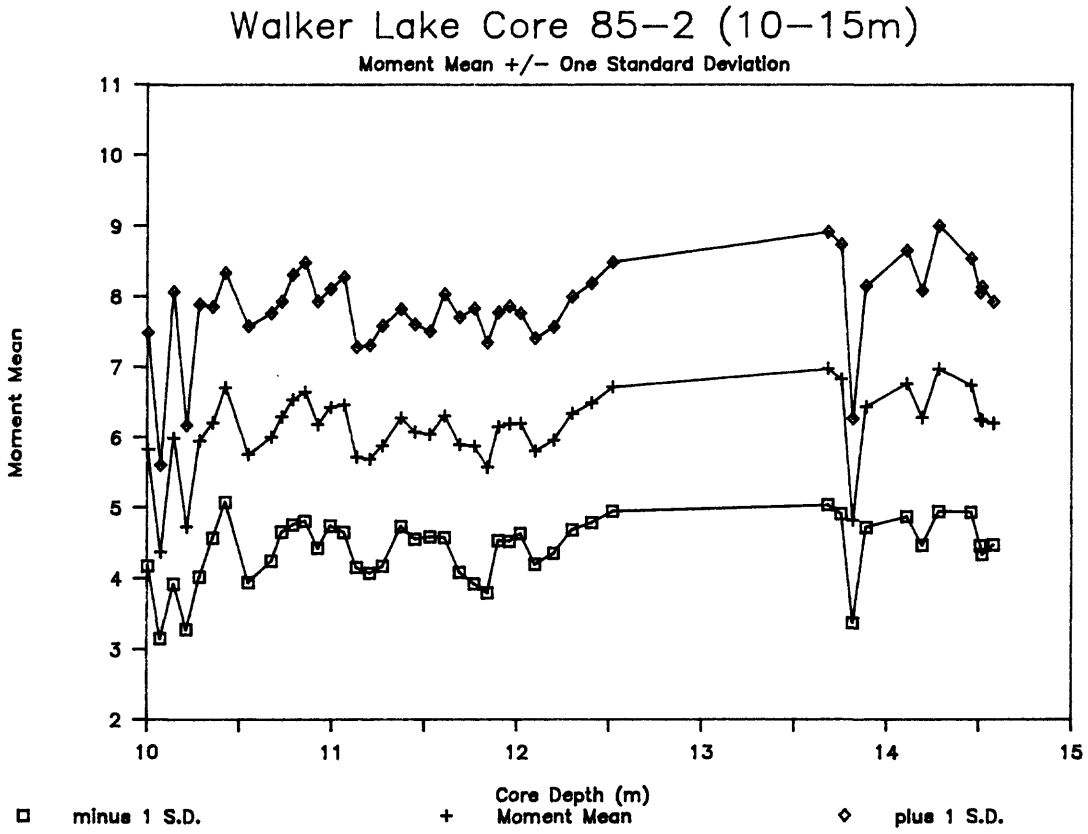

Walker Lake Core 85–2 (0–5m)
Graphic Mean +/– Sorting Coefficient
Graphic Mean
10
9
8
7
6
5
4
3
0
2
4
Core Depth (m)
minus sorting
+ Graphic Mean
◇ plus sorting

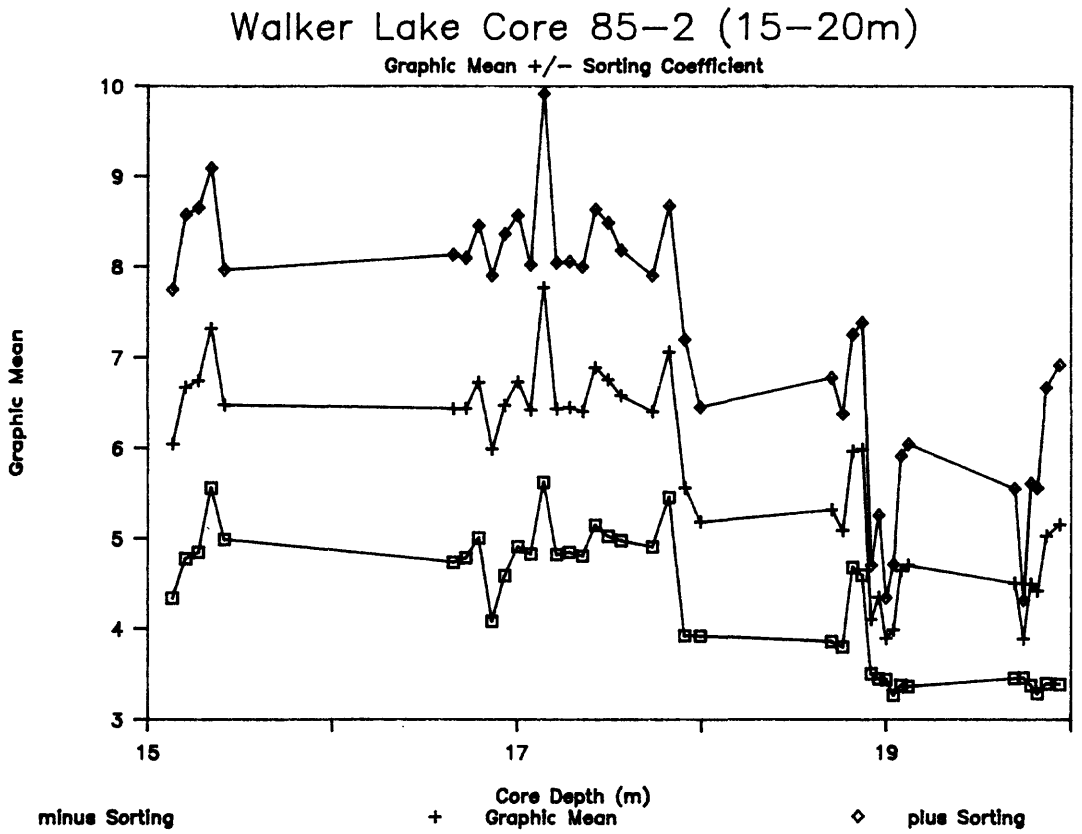

Walker Lake Core 85–2 (0–5m)
Moment Mean +/– One Standard Deviation
Moment Mean
11
10
9
8
7
6
5
4
3
2
0
2
4
Core Depth (m)
□ minus 1 S.D.
+ Moment Mean
◇ plus 1 S.D.

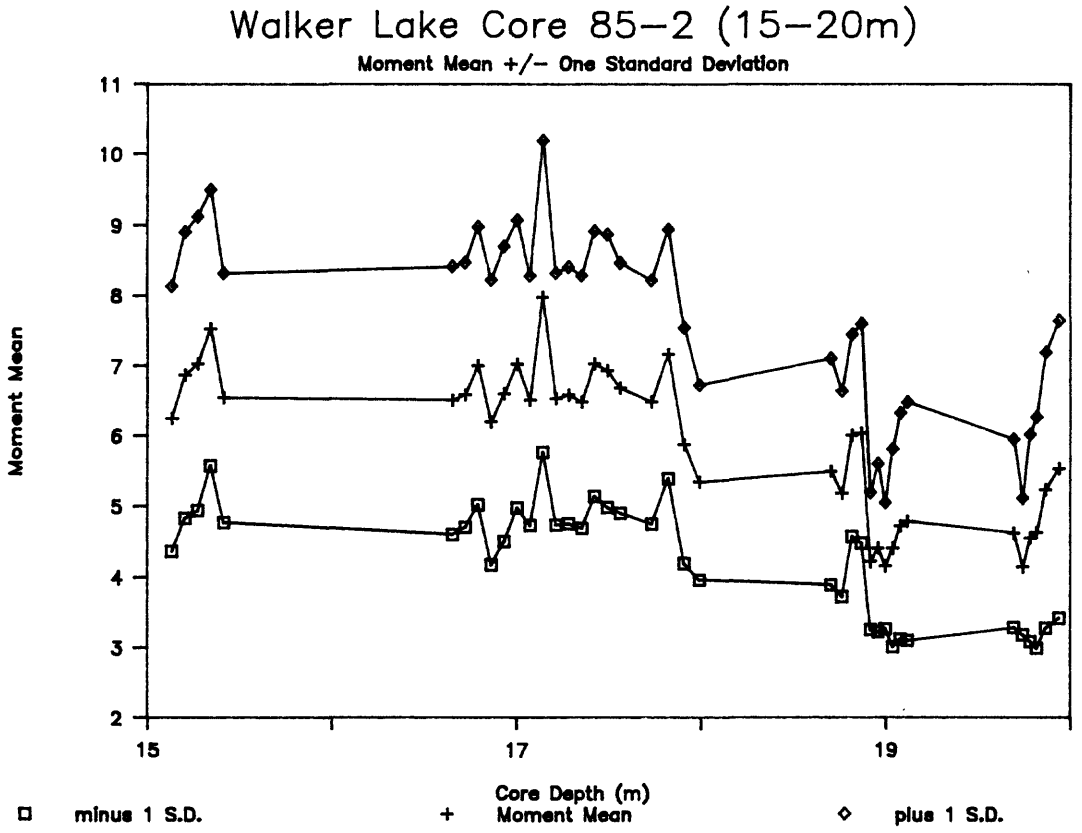

Walker Lake Core 85–2 (5–10m)
Graphic Mean +/– Sorting Coefficient
Graphic Mean
10
9
8
7
6
5
4
3
5
7
9
Core Depth (m)
minus sorting
+ Graphic Mean
◇ plus sorting

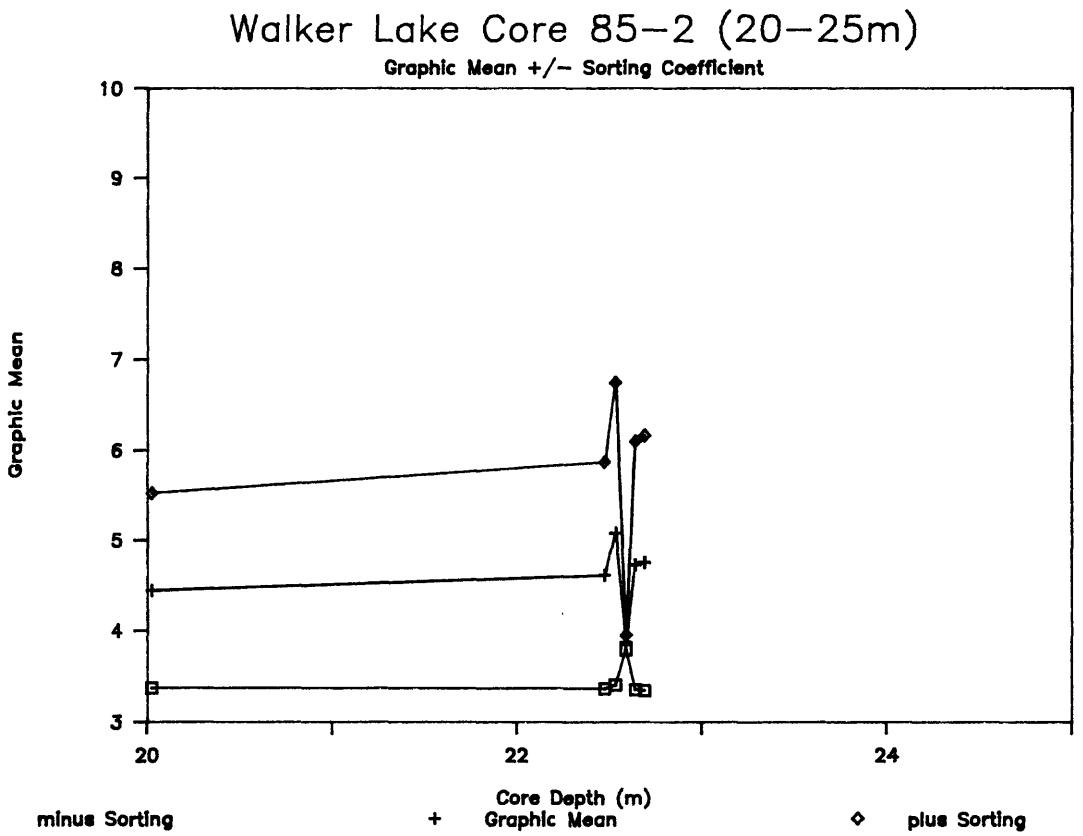

Walker Lake Core 85–2 (5–10m)
Moment Mean +/– One Standard Deviation
Moment Mean
11
10
9
8
7
6
5
4
3
2
5
7
9
Core Depth (m)
□ minus 1 S.D.
+ Moment Mean
◇ plus 1 S.D.

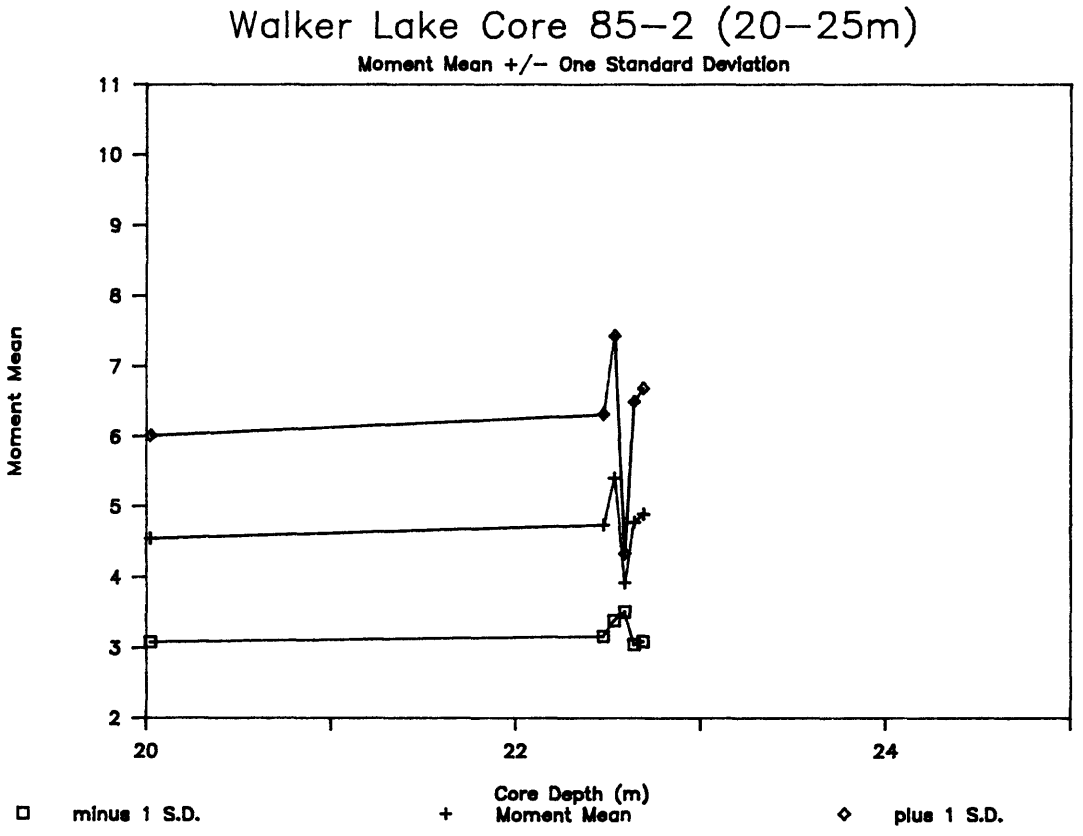

Walker Lake Core 85–2 (10–15m)
Graphic Mean +/– Sorting Coefficient
Graphic Mean
10
9
8
7
6
5
4
3
10
11
12
13
14
15
Core Depth (m)
minus Sorting
+ Graphic Mean
◇ plus Sorting


Walker Lake Core 85–2 (10–15m)
Moment Mean +/– One Standard Deviation
Moment Mean
11
10
9
8
7
6
5
4
3
2
10
11
12
13
14
15
Core Depth (m)
□ minus 1 S.D.
+ Moment Mean
◇ plus 1 S.D.


Walker Lake Core 85–2 (15–20m)
Graphic Mean +/– Sorting Coefficient
Graphic Mean
10
9
8
7
6
5
4
3
15
17
19
Core Depth (m)
minus Sorting
+ Graphic Mean
◇ plus Sorting


Walker Lake Core 85–2 (15–20m)
Moment Mean +/– One Standard Deviation
Moment Mean
11
10
9
8
7
6
5
4
3
2
15
17
19
Core Depth (m)
□ minus 1 S.D.
+ Moment Mean
◇ plus 1 S.D.


Walker Lake Core 85–2 (20–25m)
Graphic Mean +/– Sorting Coefficient
Graphic Mean
10
9
8
7
6
5
4
3
20
22
24
Core Depth (m)
minus Sorting
+ Graphic Mean
◇ plus Sorting


Walker Lake Core 85–2 (20–25m)
Moment Mean +/– One Standard Deviation
Moment Mean
11
10
9
8
7
6
5
4
3
2
20
22
24
Core Depth (m)
□ minus 1 S.D.
+ Moment Mean
◇ plus 1 S.D.