Appendix

to

Sediments of Saginaw Bay, Lake Huron: Composition, geochronology, and trace element accumulation rates.

by

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TABLE 1A Station Locations, Water Depths, and Gross Sediment Characteristics

SAGINAW BAY STATIONS

STATION NUMBER	LOCATION		WATER DEPTH (METERS)	GROSS SEDIMENT CHARACTERISTICS
EPA-SB-75-1	44° 00.0' N	83° 38.2' W	9	Brown Muddy Sand
EPA-SB-75-2	44° 00.0'	83° 35.7'	11	Dk. Gray Muddy Sand
EPA-SB-75-3	44° 00.0	83° 33.3'	11	Gravelly Sand
EPA-SB-75-4	44° 00.0'	83° 30.8'	8	Gravelly Sand
EPA-SB-75-5	43° 57.8'	83° 40.5'	9	Gray Sandy Mud
EPA-SB-75-6	43° 57.8'	83° 38.2'	10	Gray Sandy Mud
EPA-SB-75-7	43° 57.8'	83° 35.7'	11	Dk. Gray Sandy Mud
EPA-SB-75-8	43° 57.8'	83° 33.3'	10	Sand
EPA-SB-75-9	43° 57.8'	83° 30.8'	5	Gravelly Sand
EPA-SB-75-10	43° 56.0'	83° 42.9'	8	Brown Sandy Mud
EPA-SB-75-11	43° 56.0'	83° 40.5'	9	Br. Gray Sandy Mud
EPA-SB-75-12	43° 56.0'	83° 38.2'	11	Gray Sandy Mud
EPA-SB-75-13	43° 56.0'	83° 35.7'	11	Muddy Sand
EPA-SB-75-14	43° 56.0'	83° 33.3'	7	Sand
EPA-SB-75-15	43° 54.2'	83° 45.7'	5	Sandy Mud
EPA-SB-75-16	43° 54.2'	83° 42.9'	9	Dk. Gray Sandy Mud
EPA-SB-75-17	43° 54.2'	83° 40.5'	9	Gray Sandy Mud
EPA-SB-75-18	43° 54.2'	83° 38.2'	11	Dk. Gray Sandy Mud
EPA-SB-75-19	43° 54.2'	83° 35.7'	9	Sand
EPA-SB-75-20	43° 54.2'	83° 33.3'	5	Sand
EPA-SB-75-21	43° 52.6'	83° 47.8'	5	Brown Sandy Mud
EPA-SB-75-22	43° 52.6'	83° 45.7'	7	Dk. Gray Sandy Mud
EPA-SB-75-23	43° 52.6'	83° 42.9'	8	Gray Sandy Mud
EPA-SB-75-24	43° 52.6'	83° 40.5'	9	Brown Sandy Mud
EPA-SB-75-25	43° 52.6'	83° 38.2'	10	Dk. Gray Sandy Mud
EPA-SB-75-26	43° 52.6'	83° 35.7'	7	Gravelly Sand
EPA-SB-75-27	43° 50.8'	83° 50.3'	5	Sandy Gravel
EPA-SB-75-28	43° 50.8'	83° 47.8'	6	Gray Sandy Mud
EPA-SB-75-29	43° 50.8'	83° 45.7'	7	Gray Sandy Mud
EPA-SB-75-30	43° 50.8'	83° 42.9'	9	Gray Sandy Mud
EPA-SB-75-31	43° 50.8'	83° 40.5'	9	Sandy Mud
EPA-SB-75-32	43° 50.8'	83° 38.2'	9	Gray Muddy Sand
EPA-SB-75-33	43° 50.8'	83° 35.7'	5	Sand
EPA-SB-75-34	43° 49.0'	83° 50.4'	6	Dk. Gray Sandy Mud
EPA-SB-75-35	43° 49.0'	83° 47.8'	6	Dk. Gray Sandy Mud
EPA-SB-75-36	43° 49.0'	83° 45.7'	7	Dk. Gray Sandy Mud

TABLE 1A (continued)

STATION NUMBER	LOCATION		WATER DEPTH (METERS)	GROSS SEDIMENT CHARACTERISTICS
EPA-SB-75-37	43° 49.0' N	83° 42.9' W	8	Sandy Mud
EPA-SB-75-38	43° 49.0'	83° 40.5'	9	Dk. Gray Sandy Mud
EPA-SB-75-39	43° 49.0'	83° 38.2'	7	Muddy Sand
EPA-SB-75-40	43° 47.3'	83° 50.4'	7	Dk. Gray Sandy Mud
EPA-SB-75-41	43° 47.3'	83° 47.8'	6	Dk. Gray Sandy Mud
EPA-SB-75-42	43° 47.3'	83° 45.7'	7	Gray Sandy Mud
EPA-SB-75-43	43° 47.3'	83° 42.9'	8	Gray Sandy Silt
EPA-SB-75-44	43° 47.3'	83° 40.5'	7	Dk. Gray Muddy Sand
EPA-SB-75-45	43° 47.3'	83° 38.2'	5	Gravelly Sand
EPA-SB-75-46	43° 45.5'	83° 51.7'	6	Dk. Gray Sandy Mud
EPA-SB-75-47	43° 45.5'	83° 50.4'	6	Dk. Gray Sandy Mud
EPA-SB-75-48	43° 45.5'	83° 47.8'	6	Br. Gray Sandy Mud
EPA-SB-75-49	43° 45.5'	83° 45.7'	7	Dk. Gray Sandy Mud
EPA-SB-75-50	43° 45.5'	83° 42.9'	8	Gr. Brown Sandy Mud
EPA-SB-75-51	43° 45.5'	83° 40.5'	7	Muddy Sand
EPA-SB-75-52	43° 43.8'	83° 52.7'	5	Muddy Sand
EPA-SB-75-53	43° 43.8'	83° 50.4'	5	Sand
EPA-SB-75-54	43° 43.8'	83° 47.8'	5	Muddy Sand
EPA-SB-75-55	43° 43.8'	83° 45.7'	6	Gray Muddy Sand
EPA-SB-75-56	43° 43.8'	83° 42.9'	6	Sand
EPA-SB-75-57	43° 42.0'	83° 45.7'	5	Gravelly Sand
EPA-SB-75-58	44° 01.5'	83° 31.8'	10	Sandy Mud
EPA-SB-75-59	44° 04.1'	83° 30.9'	10	Muddy Sand
EPA-SB-75-60	44° 05.2'	83° 31.2'	11	Sandy Mud
EPA-SB-75-61	44° 06.8'	83° 30.8'	11	Gravelly Mud
EPA-SB-75-62	44° 08.6'	83° 30.5'	11	Silty Sand

FIGURE 1A
Station Locations in Saginaw Bay

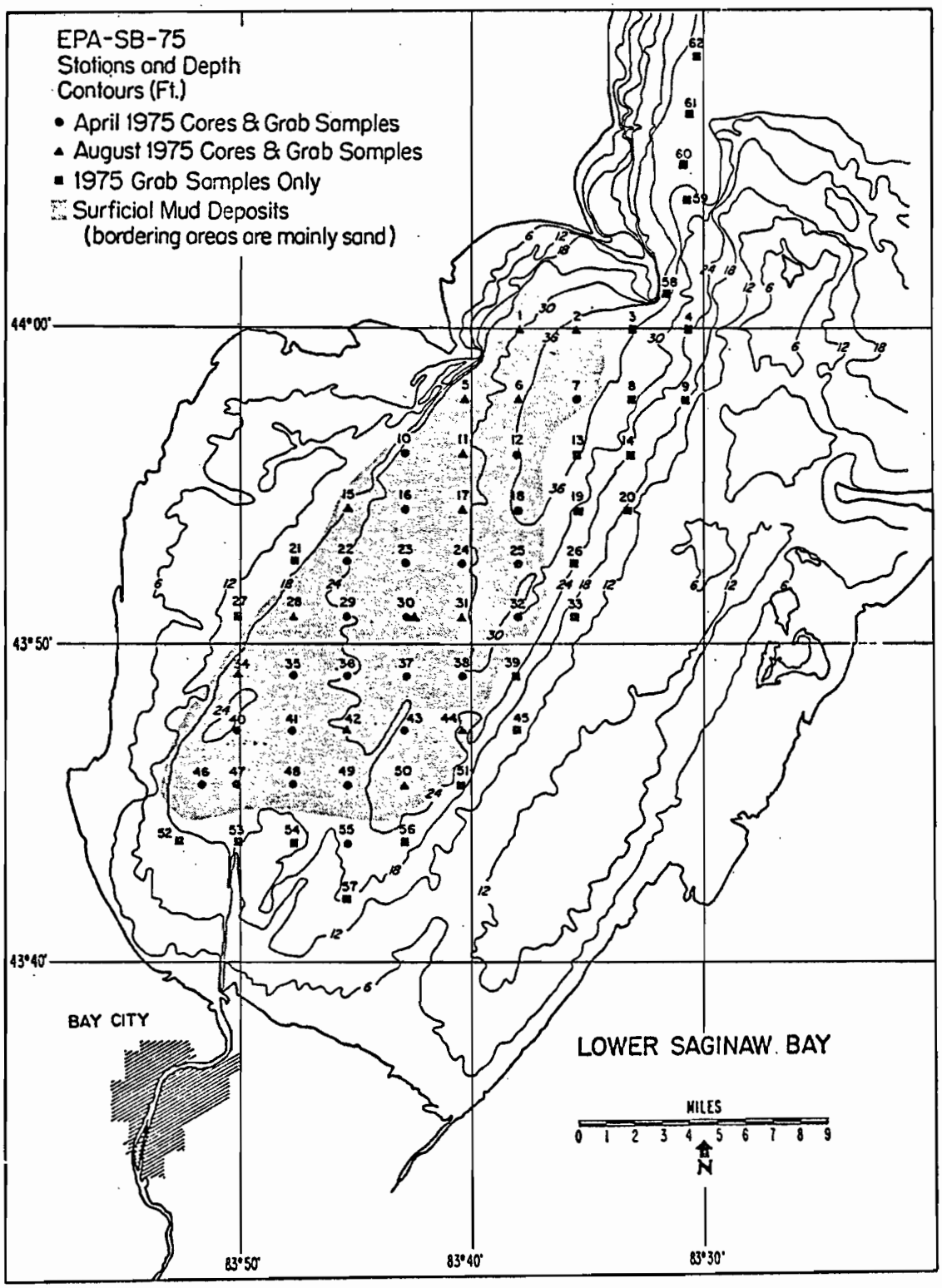

TABLE 2A
Description of Selected Sediment Cores

Station EPA-SB-75-1A.

Interval	Comments
0-1	Very soupy, brown floc.
2	Transition. Mostly dark silt.
2-4	Dark brown silt with some light brown. Chironomid larvae at 2-3 cm burrowing down to the 3-4 section. Sediment very liquid. More consistency. Fine sand.
4-6	Sandy dark silt.
6-7	A clam. About 3 cm long. Complete. Both valves present. Dark sandy silt.
7-8	One particle about 3 cm in size, the rest less than 1 cm. Dark silty clay. Some coarse sand. More than previous section.
8-9	Very sandy. Dark silt and clay.
9-10	More compressed. 50% sand. Dark silty clay.
10-11	Lighter gray clay. Some large sand grains. More fine sand. Rest is silt.
11-12	More consistent gray color. Little higher clay content. About 30-30-30 on clay, silt and sand.
12-13	Mostly gray. Black patches (iron sulfide). Becoming much more rigid in clay composition. Still high in sand and silt.
13-14	Same as previous section. Color mostly gray. Some large patches of black sulfide material. Fairly consistent on clay and silt.
14-16	Same. Higher in clay composition less sand.
16-18	Consistent gray clay material. Very high in sand composition.
18-20	Same. Less sand more consistent gray.
24-26	Gray. Much higher clay composition than the sections above.
25-30	Same.
30-50	Uniform gray. More clay. Less sand. Decreasing sand to bottom. Essentially pure clay at 49-50 cm.

Station EPA-SB-75-2A.

Interval	Comments
0-1	Brown floc with fine sand grains.
2-3	Dark gray sandy silt. Fluid.
3-4	Fluid sandy silt. No odor. Fine sand grains.
4-5	Same. Developing a sulfurous odor.
5-6	Same. Higher sand content. Sandy silt. Drier, gray, more consolidated.
6-7	Same.
8-10	Sandy silt increasingly consolidated. Sand content increasing.
10-11	Same.

Station EPA-SB-75-2A (continued).

Interval	Comments
11-13	Dark gray sandy silt. Fine sand grains. Becoming somewhat lighter.
14-18	More consolidated. Sandy silt remaining lighter.
20-22	Same.
26-30	More consolidated and friable as a result of increasing dryness. Thirty cm has a 1/2-mm wood fragment.

Station EPA-SB-75-5A.

General Comments: This station consists of sediment with far less sand than 2A.

Interval	Comments
0-1	Watery, brown floc.
1-2	Admixture of floc and fine gray silt. Very little sand.
2-3	Same.
3-4	Same. More consolidated.
4-5	Same.
5-6	Same. Progressively more consolidated. Very few sand grains.
6-8	No change.
8-9	Medium to dark gray fluid silt.
9-10	Same.
10-11	Lighter. Becoming medium gray.
11-13	No change.
13-14	Becoming lighter. Changing into a clayey silt. Rather fluid, not very compact.
16-18	Same.
18-20	Medium gray clayey silt.
20-22	Same.
22-24	Silty clay.
24-30	Clay content increasing. Progressively more consolidated. Grading to lighter material constantly.
30-35	Slightly silty, light gray clay. Slightly fluid, not stiff.

Station EPA-SB-75-6A.

TABLE 2A (continued)

Interval	Comments
0-1	Floc. Fine sand grains.
1-2	Fluid, gritty, medium to dark gray silt. Very much like 2A.
2-3	Grades into darker material.
3-4	Grainy. Soupy. Progressively more consolidated. Medium to dark gray. Fine sand. Slight sulfurous odor.
4-5	Somewhat darker. Fluid. Medium to dark gray silt. Increasingly more consolidated. Distinct sulfurous odor.
5-6	Same. One chironomid.
6-7	Same. One area noticeably darker than rest of section.
7-10	Same. Homogeneous. Mixture of medium and dark sandy, clayey silt. Progressively more consolidated.
10-11	Slightly more consolidated. Fine sand. Sand content.
13-14	Essentially same. Somewhat lighter. More homogeneous. One worm streak apparent at the 14-cm level. More consolidated. Sand content increasing.
28-30	Clayey silt. Progressively more consolidated. One 1-cm diameter stone removed from sample.
45-50	More consolidated. Grainy, clayey silt. Medium to fine sand grains. Not sampled beyond 50 cm. Soft clay at 60-65 cm.

Station EPA-SB-75-7. Core 5.

General Comments: We're bagging this, Core 5, to extract the interstitial water. Trying to exclude as much air as possible, and refrigerating the bags. Many wood chips found in Core 4 at 30 cm depth.

Interval	Comments
0-1	Variable amount of water.
1-4	One-cm intervals. Dark gray, fluid silt. Sulfurous odor.
10-12	Sulfurous odor.
12-13	One chironomid
20-22	Gray silt grading to greasy gray clay.
22	End of clay. Beginning clayey, fine sand.
26	Black sulfide specks. Becoming predominantly sand. Some gray silt or clay.
30-35	Medium to coarse sand. Wood fragment at 35 cm.
35-40	Transition at 37 cm. Gray sand to gray clay.
40-45	Pure clay. Dry. Like feta cheese.

Station EPA-SB-75-10.

Interval	Comments
0-1	Fluid brown floc.
1-2	Brown silty clay.
2-3	Same.
3-4	Same. Some orange brown streaks.
4-5	Same as 3-4. Brown color decreasing.
5-6	Same. Patches of black sulfide material.
6-7	Same. No streaks.
7-8	Same texture. Fainter black sulfide material. H_2S odor decreased.
8-9	Same.
9-10	H_2S odor increased.
10-11	Continuation of black sulfide material. Odor. One chironomid. One worm.
11-13	Becoming more charcoal gray. Odor.
13-18	No change.
18-20	Gas pockets.
22-24	Olive tint. Gas pockets.
24-28	No change.
28-30	Lighter color.
30-35	Same color. Decreasing H_2S odor. Thin sand layer at 35.
35-40	Olive gray, silty clay. No odor.
40-45	Olive gray. Fine sandy clay. Sticky. One small stone.
45-50	No change.
50-55	Silty clay on top. Water content increased below 51 cm. Pure clay. A few stones.
55-60	Same olive gray clay.

Station EPA-SB-75-11A.

Interval	Comments
0-1	Brown gray floc.
1-2	Very soupy silt. A few sand grains.
2-3	Brown gray mud. Black streaks. Fewer sand grains. One worm.
3-4	Brown gray clay. Dark reddish black streaks. Gelatinous.
5-6	Gray clay. Fewer brown streaks. Quite a few black streaks. Very faint sulfide odor.

Station EPA-SB-75-11A (continued).

TABLE 2A (continued)

Interval	Comments
6-7	Slight gray clay. Faint brown color. Gelatinous. No detectable sulfurous odor.
7-9	Gray brown clay. Less gelatinous. More solidified. Chironomid at 8-9 interval.
9-10	Same as 8-9. More sand.
10-11	Larger sand particles.
12-14	Same. Consistency becoming thicker and dryer.
15-18	Gray clay.
18-22	Gray clay. Sand particles.
22-24	More compact.
24-26	More compact.
26-28	Same.
28-30	Same.
30-35	Same.
35-40	Clay is drier.
45-50	The same.

Station EPA-SB-75-12. Core 1.

General Comments: Total length of the core retrived was 90 cm. We sectioned down to 60 cm.

Interval	Comments
0-1	Floc.
1-16	Progressively more consolidated.
16-17	Slightly greasy. Light grey clay.
26-27	Wood fragment.
27-60	No change. Progressively more consolidated.

Station EPA-SB-75-15A.

General Comments: Sand core, the entire length of the core is 18 cm. Very touchy core in that we have had a few air bubbles.

Interval	Comments
0-1	Approx. 1/2 cm brown floc on top of sand.
1-3	Sand. Very slight amount of organic material.

Station EPA-SB-75-15A (continued).

Interval	Comments
3-4	Sand. Inner core mixed with organic material. One worm.
4-5	Fairly hard sand. Some organic matter.
5-6	Much the same.
6-7	Less organic matter.
8-9	Lighter colored sand.
9-16	The same.

Station EPA-SB-75-16. Core 1.

Interval	Comments
0-1	Soupy floc.
2-4	Charcoal gray. Semi-gelatinous.
4-5	Becoming lighter. Some light brown patches.
5-6	Same color. Silty clay. Slightly tacky. Grit.
6-7	Olive gray. Charcoal patches.
9-10	Dark olive band. Brown motteling disappeared. Dark specks. Sulfurous odor. Grainy.
11-12	Same color. Silty clay. Few sand grains. Odor.
13-14	Black motteling disappeared. Odor. Tacky clay.
14-15	Color and texture about the same. Less sand. Odor.
16-18	Same color. Odor. Texture clayey, more tacky.
18-20	No change. One small stone.
26-28	Color more uniform, olive gray. Odor. Tacky clay. Few sand grains.
28-30	Clay seems a little wet on one side. 3/4 of the interval stiff. The other part, gelatinous.
30-35	No change.
40-45	Stiffer clay. Sulfurous odor. Color, slightly lighter olive gray.
50-60	Clayey and sticky. Few sand grains. Color the same. Amazingly uniform.

TABLE 2A (continued)

Station EPA-SB-75-17A.

Interval	Comments
0-1	Floc. Fluid. No sand grains.
1-2	Flocculent material over consolidated sediment. Dark to medium gray. Very few fine sand grains. Chironomid at 2 cm.
2-6	Gray. Somewhat darker clayey silt. Few fine sand grains.
11-12	Clayey silt. Becoming more consolidated. Pasty. Some fine and medium sand grains.
13-14	Silty clay with sand grains. Increasing clay content. Progressively more consolidated.
20-22	Greasy, gray clayey silt. Few fine sand grains.
22-24	One small cm-size stone.
28-30	Not much change. Grading into pasty greasy silty clay.
50	Sediment uniform down to 50 cm. Consolidated at 50 cm. Stiff silty clay. Few fine sand grains. Medium gray.

Station EPA-SB-75-18.

General Comments: We have only one core. Stored in whirlpack bags. Amount of core retrieved is about 70-80 cm.

Interval	Comments
0-1	Floc.
1-2	Dark gray, fluid silt. More consolidated.
2-80	No description.

Station EPA-SB-75-21.

General Comments: There seems to be an appreciable amount of light brown unconsolidated floc which overlays a medium to coarse gritty sand. There is no sulfurous odor, presumably reflecting a very oxidizing sedimentary environment.

Station EPA-SB-75-22. Core 1.

Interval	Comments
0-1	Floc.
1-13	Charcoal gray, sandy, clayey silt.
13-14	H_2S odor. Lighter color. Sandier silt.

Station EPA-SB-75-22 (continued).

Interval	Comments
14-15	Lighter color. No H_2S odor. Texture changing.
15-16	Clay content up. Medium gray, greasy, silty clay. Some fine sand grains.
17-50	No description.

Station EPA-SB-75-23. Core 1.

General Comments: A highly uniform sediment core.

Interval	Comments
0-1	Floc.
1-6	Charcoal gray clayey silt.
6-7	Lighter. Medium gray. More homogeneous. Quite fluid.
7-50	No description.

Station EPA-SB-75-24.

General Comments: This is a very homogeneous core. Showing smooth progressions of texture and color, throughout the length down to 15 cm.

Interval	Comments
0-1	Floc, brown.
1-2	Fluid silt.
2-5	No change.
5-6	Less brown. Darker.
7-8	Fluid silt.
8-11	No change.
11-12	Stiffer.
12-13	Light gray to medium gray.
14-15	Greasier clayey silt. Some fine sand grains.
18-20	Medium gray clayey silt.

Station EPA-SB-75-25. Core 1.

General Comments: Sampled to 70 cm. Uniform core.

Interval	Comments
0-1	Floc.

TABLE 2A (continued)

Station EPA-SB-75-25. Core 1 (continued).

Interval	Comments
1-15	Uniform. Progressively consolidated. Dark gray clay silt. Some sand.
16-18	More clay. Greasy. Not stiff.
18-70	No description.

Station EPA-SB-75-28A.

Interval	Comments
0-1	Very fine, uniformly light gray floc.
1-2	Slightly darker.
2-3	Much the same. Coarser.
5-6	Light gray. Coarse. Prominant black streaks.
6-7	Same.
7-8	Gray and dark gray. Dark gray starting to predominate.
8-9	Same.
9-10	Some streaks of light gray. Texture coarser.
10-11	Change is nearly complete. Almost uniformly dark gray. Texture coarse.
11-12	Same. Traces of light gray still present.
12-13	Light gray still present.
14-16	More consolidated.
16-18	Mostly light gray. Some dark gray. Some spots of dark gray. Some string-like substances. Slight sulfurous odor.
18-20	Uniform light gray. Texture very fine.
22-24	Same.
24-26	Same.
35	Same. Bits of shell are being found from 28-35.
35-40	Same. Thick. Light clay.
50	Same.

Station EPA-SB-75-29. Core 1.

Interval	Comments
0-1	Floc.
1-9	Gray sandy, clayey silt.
12-13	Transition
14-15	Mottled with black sulfide material.

Station EPA-SB-75-29. Core 1 (continued).

Interval	Comments
16-18	Pasty gray clay.
45-50	Stiff, greasy, gray, silty clay.

Station EPA-SB-75-30. Core 1.

General Comments: One worm tube preserved on the top of the sediment.

Interval	Comments
0-1	Floc.
6-7	Dark gray clayey silt with sand. Four red worms and one chironomid at 7 cm.
10-11	More consolidated. Lighter color. Pasty. Chironomid at 11 cm.
15-16	Mottled with black sulfide material. Lighter, almost beige at 16 cm. Transition to light, grainy clay.
18-20	Uniform, dark, grey silt.
22-24	Stiffer, greasy clayey silt.
26-28	Stiff, pasty clay. Very few sand grains.

Station EPA-SB-75-30A. Core 2.

General Comments: Fine interval core. The top appears to be the normal floc. No organisms seen at top of core.

Interval	Comments
0-0.5	Soupy brown floc material. Slight trace of grittiness.
0.5-1.0	Brown floc material. Bottom half gray. Probable indication of beginning of clay or organic material.
1.0-1.5	Gray-brown clay. Sand indicated by grittiness in its texture.
1.5-2.0	Gray brown. Silt. No grittiness.
2.0-2.5	Fluid, medium gray clayey silt. No sand grains.
3.5-4.0	Remains dark gray. Still fluid. More consolidated clayey silt. Some dark specks. Generally homogeneous. One chironomid at 3.5 cm.
4.0-4.5	The same. Chironomid at 4.5 cm.
5-5.5	Same. Chironomid. One individual which I suspect has been moving downward as we have been slicing.
7-7.5	And preceding intervals are same.

Station EPA-SB-75-30A. Core 2 (continued).

TABLE 2A (continued)

Interval	Comments
8-8.5	More consolidated. Gray clayey silt. Few sand grains if any. Homogeneous.
8.5	One worm streak.
9.5-10	Dark gray. Slightly more grainy clayey silt. More consolidated.
10-11	Dark gray clayey silt. Very few sand grains.
11-13	No change. One-cm intervals.
13-14	Dark clayey silt. Sand grains increasing.
14-15	Clayey silt is much smoother. Small clam shell chips.
15-16	Dark gray clayey silt. Some grittiness.
16-18	One-cm intervals. No change.
18-19	Dark gray clayey silt. Sand grains slightly more abundant.
19-20	Same.
20-22	Dark gray clayey silt. Sand grains. Noticing black sulfide streaks. Two sulfide lumps about 1/8" diameter.
22-24	Black sulfide patches.
24-28	Two 2-cm intervals. No change.
28-30	Dark gray clay silt. More clay. Tackier. Drier.
30-35	Medium gray silty clay. Partically uniform coloration. No sand grains.
35-40	Medium gray silty clay.
40-45	Same. Piece of shell. Very thin. About the thickness of saran wrap. Bleached into the surrounding sediments.
45-50	Dark gray silty clay. Very sticky. Silt component is down. Very few sand grains.

Station EPA-SB-75-32. Core 1.

General Comments: This is a short core.

Interval	Comments
0-1	Grainy floc. Worm tube remnant at top.
1-2	Dark gray, fluid silt. Trace of medium sand.
4-5	Dark gray silt. Some medium to fine sand. Color becoming lighter brown.
5-6	Mottled with a lighter brown zone.
6-7	Dark gray, gritty silt. More consolidated.
7-8	Silty sand.
8-9	Crumbly, medium sand. Some brown clay or silt.

Station EPA-SB-75-32. Core 1 (continued).

Interval	Comments
10-11	More brown.
11-12	Medium sand. Abrupt change from brownish gray to grayish tan.
13-15	Color becoming lighter.
20-22	Steady change to lighter color from 15 cm. Decreasing silt content from 15 cm. 20-22 predominantly sand.
22-24	Hardly any silt.
24-26	Gray-tan sand. Some black specks.

Station EPA-SB-75-34A.

Interval	Comments
0-1	Coarse, loose floc. Light gray and dark gray color. Some organisms present.
1-2	Very similar to 0-1, but a little darker.
2-3	Mostly dark gray. Fine texture. Very uniform.
3-4	Mostly dark gray. Streaks of light gray. Two brown spots. Fairly loose medium to coarse sand.
5-6	Very dark, grayish black. Light gray streaks. Large light brown spot.
6-7	Same. Streaks of light brown.
7-8	Same as above.
8-9	Darker gray.
9-10	Medium to coarse texture. Very dark gray. Few black spots. Streaks of light gray.
10-11	Very dark gray. Few light gray spots.
11-12	Dark gray with light brown spots. Medium to coarse sand. A few worms.
12-13	Dark gray with light brown streaks.
14-16	Mostly dark gray. Few black and light brown streaks. Piece of leaf.
16-18	Transition: sand, from medium coarse to coarse; color, from dark gray to light gray.
20-22	Light gray color. Very uniform. Texture uniform. Medium coarse.
24-26	More consolidated.
28-30	Same.
30-35	More consolidated.

TABLE 2A (continued)

Station EPA-SB-75-34A (continued).

Interval	Comments
35-40	More consolidated. Coarse.
45-50	No change.

Station EPA-SB-75-35. Core 1.

Interval	Comments
0-1	Floc.
1-2	Dark gray silty clay. Some sand.
2-3	Same.
9-10	Gelatinous silt. Few sand grains. Several worms.
12-13	Transition zone. Becoming lighter & grainier at 13.
13-14	Mottled, chunky silt.
16-18	Fine sand with dark gray clay.
20-22	Pasty. Less sand. More clay.
22-24	More clay than sand.
24-26	More moist. Less crumbly. Less sand. Greasy clay.
30-40	Grainy, gray sand. Chunky.
45-50	Increase in clay content.

Station EPA-SB-75-36. Core 1.

Interval	Comments
0-1	Floc.
1-8	Extremely uniform. Dark gray, gelatinous sandy, silty clay. Becoming more consolidated.
12-13	Lighter color sand grains. Black sulfide specks. Strong H_2S odor. Greater clay content.
14-16	More consolidated.
16-18	Consolidated clayey silt.
18-20	More consolidated. No sulfide odor.
28-30	Clay silt. More consolidated.
30-35	Same.
45-50	Stiff, brownish gray, silty clay.

Station EPA-SB-75-38.

Interval	Comments
0-1	Floc over dark gray, grainy silt.
11-12	Higher clay content. Greasy
14-15	More silty clay.
15-16	Dark gray, fine sandy clay. Transition to fine silty sand.
16-18	Fine silty sand.
18-20	Fine silty sand. Medium gray.
20-50	Gradually more consolidated. Becoming drier.

Station EPA-SB-75-40. Core 1.

General Comments: At the top of this core we have isolated a worm tube sticking up out of the sediment. It is approximately 3/4 cm high and has a 1.5 mm diameter hole in the center. We have taken a picture of this as it appears to constitute evidence that the top of the core is pretty much retrieved unless the creatures that are in the sediment produced the worm tube while the core was sitting around for about 5 minutes after being collected.

Interval	Comments
0-1	Floc.
1-2	Dark gray silty clay with some sand. H_2S odor.
7-8	Dark gray silty clay. Gelatinous. Several worms. H_2S odor persists.
9-10	Dark gray silty clay. H_2S odor.
10-11	Almost black silty clay. Odor.
12-13	Lighter color. More mottled. Odor. Worms.
15-16	Mottled. Lighter color. Chunky.
20-22	Extremely fine, sandy clay.
24-26	Fine sandy, clay. Brown tint.
35-40	Less sand. More clay.
45-50	Very little fine sand. Greasy, brown clay.
50-55	Pasty brown clay. Very few sand grains.

Station EPA-SB-75-41. Core 1.

Interval	Comments
0-1	Floc.
1-2	Extremely fluid, gray, slightly grainy silt. Some mixture of floc. Characteristic of sediment seen in deeper basins of southern Lake Huron. Very gelatinous.

Station EPA-SB-75-41. Core 1 (continued).

TABLE 2A (continued)

Interval	Comments
3-4	Fluid, gelatinous, dark gray, slightly grainy silt.
7-8	Progressively more consolidated. Dark gray, grainy silt.
10-11	Same.
13-14	Homogeneous. Cinders, 1/2 to 1 cm diameter. They were not included in the sample.
14-15	Dark grainy silt. More consolidated. One large cinder.
15-16	Mottled, with lighter, more grainy clay material. Gritty.
16-18	More gritty. 18 seems to be a transition region. Primarily fine sand with clay. Cheesey quality.
22-24	Very fine gray brownish sand. Cheesey clay content increasing.
30-35	Less grainy. Very compact, cheesey, exceedingly fine sand.
40-45	Sand gone. Stiff, pasty, gray, silty clay.
45-50	Considerably more clay. Turning into a greasy brownish clay.

Station EPA-SB-75-42A.

Interval	Comments
0-1	Very uniform light gray. Very fine texture and very loose.
1-2	Dark gray. Few very large, coarse sand grains. Brown streaks. Some light to reddish brown patches.
2-3	Dark gray. Light brown streaks. Worms present.
3-4	Black, reddish brown and light gray spots.
4-5	Light gray turning dark gray. Medium coarse texture.
5-6	Very gray. Reddish brown spots and streaks.
6-7	Same.
7-8	Increasingly blacker. Black chunks. A chironomid.
11-12	Thick, very spotty, dark gray black.
14-16	Light and very dark gray mixture.
16-18	Light, gray, fine to medium texture. Dark grey streaks.
20-22	Uniform light gray.
22-24	Same. Medium to fine texture.
28-30	Same.
35-40	More consolidated.
40-45	Very light gray. Fine consistency. Very solid.
45-50	Very light gray. Very uniform. Silty clay.

Station EPA-SB-74-43. Core 1.

Interval	Comments
0-1	Brown, fluid floc with gray silt.
1-6	Dark gray silt. Some very fine sand.
8-10	Lighter gray silt. More fluid. Greasy. Very few fine sand grains.
16-18	Fluid. Gray silty clay.
18-20	Gray silty clay. More fluid than 16-18.
20-22	Same.
22-24	Drier. Transition region. Silty sand.
26-28	Fine silty sand.
30-35	Medium to dark gray. Fine silty sand. Drier.
35-40	No change.
45-50	Crumbly, dark gray, fine silty sand. More sand than previous interval.

Station EPA-SB-75-44.

Interval	Comments
0-1	Mixture of yellow and brown sand.
1-2	Sand very coarse, very dark.
2-3	Light and dark sand.
3-4	Very dark, grayish black sand.
4-5	Dark, almost black sand. Light brown spots.
5-6	Sudden change to light brown sand.
6-50	Same, rest of core.

Station EPA-SB-75-46. Core 1.

Interval	Comments
0-2	Floc. Sandy, very loose, very dark mud after 2 cm.
18-20	Cinder.
22-24	Transition region from mud to very fine muddy sand.
24-26	Same.
28-30	Fine grained. Cheesey sand. Brown-gray color. More consolidated.
30-35	Fine cheesey sand.

Station EPA-SB-75-46. Core 1 (continued).

TABLE 2A (continued)

Interval	Comments
40-45	Brown-gray, fine sand. Some clay.
45-50	Increase in silt-clay fraction. Less sand.

Station EPA-SB-75-47. Core 1.

Interval	Comments
0-2	Floc, overlying unconsolidated dark mud. Progressively more consolidated down to 4 cm.
4-5	Brick red patch of fluid clay interspersed with darker clay. Fibrous organic material at 5 cm.
5-6	Fluid, dark gray, slightly grainy silt. Progressively more consolidated. Sulfurous odor.
7-8	Red worm. 1-2 mm thick. 1 1/2 cm long.
10-11	Dark. Losing silty quality. More consolidated. More clay. Some mottling.
11-12	Red worm. Fibrous black fragment.
13-14	Much stiffer. Somewhat lighter. More grainy. More fine sand grains. More consolidated.
14-15	More consolidated. Much higher sand content. Lighter. Pasty, fine sand.
15-16	Same.
16-18	Dark gray. Drier. Very fine sand held together with clay. From 16-20 cm there's a length of long, dark, black bark.
20-22	Transition zone. Lighter, more tannish gray, somewhat coarser, more sandy material. Less clay and silt content.
22-24	Same. Very fine brownish gray sand. A shell at 24.
30-35	Dry, very sandy. Light tannish gray with some clay or silt. A one-cm diameter pebble.

Station EPA-SB-75-48. Core 1.

Interval	Comments
0-1	Floc over brownish gray, sandy silt.
1-7	Same. Progressively more consolidated.
7-8	Same.
8-9	Less brown tint. More clay in silt.
11-12	Dark grey, clayey silt.
13-14	Same.

Station EPA-SB-75-48. Core 1 (continued).

Interval	Comments
16-18	Transition to dark gray, silty sand.
18-20	Same.
20-22	Lighter gray, soft silty sand.
22-24	More compact.
24-26	Same.
26-28	Drier, gray silty sand.
28-30	Drier yet.
30-35	Top half: very grainy, silty sand. Bottom half: very stiff, gray, clayey silt.
40-45	Same.
48	Core ends.

Station EPA-SB-75-49. Core 1.

Interval	Comments
0-1	Floc.
1-6	Very fluid, gelatinous, dark gray clayey silt. Some sand.
6-7	Slightly darker. More consolidated. More extremely fine sand.
7-8	Same.
8-11	Progressively more consolidated. More clay. Medium gray, brownish clayey silt.
15-16	More consolidated, darker. Fine sandy clay.
16-18	More clay.
18-20	More extremely fine sand. Medium gray clay.
20-24	Sand content diminishing rather abruptly. Cheesey, clayey silt. Medium gray.
28-30	Much higher sand content.
30-35	Transition region. Light, brown gray, fine silty sand. Crumbly. Considerable drop in clay content.
35-45	Same.
50	More pasty. More clay.

Station EPA-SB-75-50A.

Interval	Comments
0-1	Loose, light brown floc. Soupy.

Station EPA-SB-75-50A (continued).

TABLE 2A (continued)

Interval	Comments
1-2	Gray brown soupy silt. Not gelatinous.
2-3	Gray brown silt. No sand. No odors.
3-4	Gray brown silt.
4-5	Brown gray, clayey silt. A few sand grains.
5-6	Gray brown clayey silt.
6-7	More gelatinous.
7-8	Brownish gray, clayey silt.
8-9	Same as 7-8 with more sand grains.
9-10	Same. Chironomid larva.
10-11	Brown gray clayey silt. Black streaks.
11-12	Chironomid larva.
12-13	Brown color beginning to subside.
13-14	Gray clayey silt. No sand.
14-18	Same.
18-20	Dark gray, clayey silt. More compacted.
20-22	Same.
22-24	Dark gray, silty clay with sand.
24-26	Much the same. Clam, 2" long 1" wide.
26-28	Same. No clam shell.
28-30	Dark gray, clayey silt with sand grains.
30-35	Two sediment types. Dark gray clay over silty sand.
35-40	Brown gray silty sand.
40-45	Tightly packed silty sand.

Station EPA-SB-75-55.

Interval	Comments
0-1	Medium tan sand.
1-2	Same.
2-3	Transition region. Fine sand with clay. Dark tan to a dark gray. Somewhat cheesey.
3-4	Same.
5-6	Dark. Stiffer. Sulfurous odor. Less pasty sand.
7-8	Drier, medium fine sand. Mixture of black and tannish materials. Transition to tan sand. End of core.

Key to Table 3A.

LEVEL: the depth interval in centimeters. Zero corresponds to the sediment water interface.

WET: the wet weight of sediment in grams.

DRY: the dry weight of sediment in grams.

FDW: DRY/WET

POR: the porosity. (i.e., the fraction of the bulk sediment volume which is water). This value is computed as:

$$POR = \frac{RHOS * (1-FDW)}{FDW + RHOS * (1-FDW)}$$

Where the density of sediment solids, RHOS, is a constant (2.45 g/cm^3).

G/CM2: the cumulative dry weight of sediment per unit area (g/cm^2) below the sediment water interface (e.g. at 10cm depth the value is 2.60 g/cm^2)

$$g/cm^2 \text{ at depth } Z_N \text{ is } \sum_{i=1}^{N} RHOS * (1-POR) * \Delta Z_i$$

where ΔZ_i is the interval thickness (LEVEL) in cm.

RHOB1: the bulk density in g/cm^3 computed from direct measurements.

$$RHOB1 = WET/ (\Delta Z_i * A)$$

The cross-sectional area of the core, A, is 35.47 cm^2. This measure is valid only if <u>all</u> the material is recovered in sectioning the core. When ΔZ_i = 5 cm <u>roughly</u> half the sample is discarded and the value of RHOB1 is <u>too low</u>. For ΔZ_i = 1 or 2 cm recovery is as quantitative as possible.

RHOB2: the bulk density in g/cm^3 computed assuming a constant value of RHOS (2.45 g/cm^3).

$$RHOB2 = RHOS/(FDW + RHOS * (1-FDW)$$

This method of calculating the bulk density is independent of recovering the entire sample.

Key to Table 3A. Continued.

RB1/RB2: RHOB1/RHOB2. This ratio is equal to unity when the sample recovery is complete. Starred values indicate loss of sediment in sampling and/or reflect inaccuracies in specifying ΔZ_i. The effect is small except for ΔZ_i = 5 cm.

TABLE 3A
Physical Properties of Sediment Cores

EPA-SB-75-1A

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	39.08	5.46	0.1397	0.9378	0.1523	1.1018	1.0901	1.0107
1.0	2.0	36.85	8.37	0.2271	0.8929	0.4147	1.0389	1.1553	0.8992*
2.0	3.0	27.53	7.00	0.2543	0.8778	0.7140	0.7761	1.1771	0.6594*
3.0	4.0	42.29	11.44	0.2705	0.8685	1.0361	1.1923	1.1906	1.0014
4.0	5.0	32.49	11.12	0.3423	0.8248	1.4653	0.9160	1.2540	0.7304*
5.0	6.0	52.51	20.37	0.3879	0.7945	1.9688	1.4804	1.2980	1.1405
6.0	7.0	52.23	26.26	0.5028	0.7079	2.6846	1.4725	1.4236	1.0343
7.0	8.0	43.73	25.29	0.5783	0.6411	3.5639	1.2329	1.5204	0.8109*
8.0	9.0	46.19	28.89	0.6255	0.5947	4.5569	1.3022	1.5877	0.8202*
9.0	10.0	56.48	37.59	0.6655	0.5518	5.6550	1.5923	1.6499	0.9651*
10.0	11.0	69.31	45.22	0.6524	0.5662	6.7178	1.9540	1.6290	1.1995
11.0	12.0	62.71	43.10	0.6873	0.5271	7.8764	1.7680	1.6857	1.0488
12.0	13.0	71.89	49.31	0.6859	0.5287	9.0310	2.0268	1.6833	1.2040
13.0	14.0	66.18	44.98	0.6797	0.5359	10.1680	1.8658	1.6729	1.1153
14.0	16.0	98.13	63.70	0.6491	0.5698	12.2762	1.3833	1.6239	0.8518*
16.0	18.0	119.90	78.64	0.6559	0.5624	14.4202	1.6902	1.6345	1.0341
18.0	20.0	124.69	84.63	0.6787	0.5370	16.6890	1.7577	1.6714	1.0516
20.0	22.0	111.18	72.24	0.6498	0.5691	18.8005	1.5672	1.6248	0.9646*
22.0	24.0	141.82	94.31	0.6650	0.5524	20.9937	1.9992	1.6490	1.2123
24.0	26.0	128.80	86.44	0.6711	0.5456	23.2203	1.8156	1.6589	1.0945
26.0	28.0	119.31	82.44	0.6910	0.5228	25.5584	1.6818	1.6919	0.9941*
28.0	30.0	117.00	81.83	0.6994	0.5129	27.9451	1.6493	1.7063	0.9666*
30.0	35.0	306.60	211.05	0.6884	0.5259	33.7530	1.7288	1.6875	1.0245
35.0	40.0	285.79	182.86	0.6398	0.5797	38.9021	1.6114	1.6095	1.0012
40.0	45.0	285.09	178.60	0.6265	0.5936	43.8801	1.6075	1.5892	1.0115
45.0	50.0	283.69	170.25	0.6003	0.6200	48.5352	1.5996	1.5510	1.0313

TABLE 3A (continued)

EPA-SB-75-2A

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	35.65	4.28	0.1201	0.9472	0.1292	1.0051	1.0765	0.9337*
1.0	2.0	36.29	9.21	0.2538	0.8781	0.4279	1.0231	1.1768	0.8694*
2.0	3.0	42.93	16.02	0.3732	0.8045	0.9068	1.2103	1.2835	0.9430*
3.0	4.0	48.72	18.79	0.3857	0.7960	1.4066	1.3736	1.2958	1.0600
4.0	5.0	47.25	18.04	0.3818	0.7987	1.8998	1.3321	1.2919	1.0311
5.0	6.0	46.95	20.76	0.4422	0.7556	2.4987	1.3237	1.3545	0.9773*
6.0	7.0	46.02	23.56	0.5120	0.7002	3.2332	1.2974	1.4347	0.9043*
7.0	8.0	51.16	24.89	0.4865	0.7211	3.9165	1.4423	1.4044	1.0270
8.0	9.0	50.25	22.32	0.4442	0.7540	4.5190	1.4167	1.3566	1.0443
9.0	10.0	55.56	28.36	0.5104	0.7015	5.2504	1.5664	1.4329	1.0932
10.0	11.0	55.60	32.14	0.5781	0.6414	6.1291	1.5675	1.5200	1.0312
11.0	12.0	56.71	34.90	0.6154	0.6049	7.0971	1.5988	1.5729	1.0165
12.0	13.0	56.88	35.01	0.6155	0.6048	8.0653	1.6036	1.5730	1.0194
13.0	14.0	57.95	33.04	0.5701	0.6488	8.9258	1.6338	1.5093	1.0825
14.0	16.0	113.43	67.33	0.5936	0.6265	10.7559	1.5990	1.5416	1.0372
16.0	18.0	111.02	66.45	0.5985	0.6217	12.6096	1.5650	1.5486	1.0106
18.0	20.0	119.04	79.49	0.6678	0.5493	14.8178	1.6780	1.6535	1.0149
20.0	22.0	121.72	81.50	0.6696	0.5473	17.0359	1.7158	1.6564	1.0359
22.0	24.0	132.44	87.17	0.6582	0.5599	19.1923	1.8669	1.6381	1.1397
24.0	26.0	113.55	76.23	0.6713	0.5453	21.4201	1.6006	1.6593	0.9647*
26.0	28.0	129.58	88.51	0.6831	0.5320	23.7132	1.8266	1.6786	1.0882
28.0	30.0	132.07	90.77	0.6873	0.5271	26.0303	1.8617	1.6857	1.1044
30.0	35.0	173.81	120.85	0.6953	0.5178	31.9377	0.9800	1.6992	0.5767*
35.0	40.0	134.08	92.24	0.6879	0.5264	37.7397	0.7560	1.6868	0.4482*
40.0	45.0	153.33	109.32	0.7130	0.4966	43.9069	0.8646	1.7300	0.4997*

TABLE 3A (continued)

EPA-SB-75-5A

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	32.22	4.31	0.1338	0.9407	0.1453	0.9084	1.0860	0.8365*
1.0	2.0	34.03	5.60	0.1646	0.9256	0.3276	0.9594	1.1079	0.8660*
2.0	3.0	33.52	6.53	0.1948	0.9101	0.5478	0.9450	1.1303	0.8361*
3.0	4.0	31.12	6.51	0.2092	0.9026	0.7865	0.8774	1.1413	0.7687*
4.0	5.0	39.86	8.89	0.2230	0.8951	1.0435	1.1238	1.1521	0.9754*
5.0	6.0	41.67	9.85	0.2364	0.8878	1.3183	1.1748	1.1627	1.0104
6.0	7.0	38.64	9.67	0.2503	0.8801	1.6121	1.0894	1.1739	0.9280*
7.0	8.0	43.88	11.02	0.2511	0.8796	1.9071	1.2371	1.1746	1.0532
8.0	9.0	46.06	11.09	0.2408	0.8854	2.1878	1.2986	1.1662	1.1135
9.0	10.0	46.49	12.87	0.2768	0.8649	2.5189	1.3107	1.1959	1.0959
10.0	11.0	39.48	11.24	0.2847	0.8602	2.8613	1.1131	1.2026	0.9255*
11.0	12.0	45.34	15.30	0.3375	0.8279	3.2830	1.2783	1.2496	1.0230
12.0	13.0	46.77	17.25	0.3688	0.8074	3.7548	1.3186	1.2792	1.0308
13.0	14.0	45.21	18.12	0.4008	0.7855	4.2802	1.2746	1.3110	0.9723*
14.0	16.0	86.79	37.21	0.4287	0.7655	5.4292	1.2234	1.3400	0.9130*
16.0	18.0	92.89	41.28	0.4444	0.7539	6.6352	1.3094	1.3569	0.9650*
18.0	20.0	100.99	51.94	0.5143	0.6982	8.1139	1.4236	1.4376	0.9903*
20.0	22.0	103.19	50.50	0.4894	0.7188	9.4918	1.4546	1.4077	1.0333
22.0	24.0	97.64	45.23	0.4632	0.7395	10.7682	1.3764	1.3777	0.9990*
24.0	26.0	103.09	47.90	0.4646	0.7384	12.0500	1.4532	1.3793	1.0536
26.0	28.0	94.86	41.11	0.4334	0.7621	13.2157	1.3372	1.3450	0.9942*
28.0	30.0	89.49	31.88	0.3562	0.8157	14.1185	1.2615	1.2672	0.9955*
30.0	35.0	142.35	68.23	0.4793	0.7269	17.4642	0.8027	1.3960	0.5750*
35.0	40.0	141.52	69.29	0.4896	0.7186	20.9110	0.7980	1.4080	0.5667*
40.0	45.0	179.91	96.22	0.5348	0.6806	24.8235	1.0144	1.4631	0.6933*
45.0	50.0	129.57	71.98	0.5555	0.6622	28.9618	0.7306	1.4898	0.4904*

TABLE 3A (continued)

EPA-SB-75-6A

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	34.10	5.07	0.1487	0.9335	0.1630	0.9614	1.0965	0.8768*
1.0	2.0	31.38	6.11	0.1947	0.9102	0.3831	0.8847	1.1302	0.7827*
2.0	3.0	32.06	6.70	0.2090	0.9027	0.6216	0.9039	1.1411	0.7921*
3.0	4.0	35.89	8.18	0.2279	0.8925	0.8850	1.0118	1.1559	0.8754*
4.0	5.0	39.13	9.56	0.2443	0.8834	1.1706	1.1032	1.1690	0.9437*
5.0	6.0	44.11	11.80	0.2675	0.8703	1.4885	1.2436	1.1881	1.0467
6.0	7.0	45.19	12.60	0.2789	0.8637	1.8224	1.2740	1.1976	1.0638
7.0	8.0	47.67	13.66	0.2866	0.8592	2.1675	1.3440	1.2042	1.1160
8.0	9.0	46.79	17.09	0.3652	0.8098	2.6335	1.3191	1.2758	1.0340
9.0	10.0	55.62	19.94	0.3585	0.8143	3.0885	1.5681	1.2693	1.2354
10.0	11.0	49.18	20.82	0.4233	0.7694	3.6534	1.3865	1.3343	1.0391
11.0	12.0	49.11	22.06	0.4492	0.7503	4.2652	1.3846	1.3621	1.0165
12.0	13.0	55.02	26.39	0.4796	0.7266	4.9350	1.5512	1.3964	1.1108
13.0	14.0	51.09	24.11	0.4719	0.7327	5.5898	1.4404	1.3875	1.0381
14.0	16.0	102.95	47.74	0.4637	0.7391	6.8681	1.4512	1.3783	1.0529
16.0	18.0	104.70	54.08	0.5165	0.6963	8.3559	1.4759	1.4403	1.0247
18.0	20.0	106.51	57.77	0.5424	0.6740	9.9536	1.5014	1.4728	1.0194
20.0	22.0	105.99	58.17	0.5488	0.6682	11.5793	1.4941	1.4811	1.0088
22.0	24.0	107.38	60.53	0.5637	0.6547	13.2711	1.5137	1.5006	1.0087
24.0	26.0	105.79	61.65	0.5828	0.6369	15.0502	1.4913	1.5265	0.9769*
26.0	28.0	110.39	63.86	0.5785	0.6410	16.8096	1.5561	1.5206	1.0233
28.0	30.0	108.19	59.57	0.5506	0.6666	18.4431	1.5251	1.4834	1.0281
30.0	35.0	160.39	85.13	0.5308	0.6841	22.3124	0.9044	1.4580	0.6203*
35.0	40.0	143.87	79.71	0.5540	0.6635	26.4341	0.8112	1.4879	0.5452*
40.0	45.0	147.58	87.79	0.5949	0.6253	31.0245	0.8321	1.5434	0.5392*
45.0	50.0	163.08	101.04	0.6196	0.6007	35.9160	0.9195	1.5790	0.5824*

TABLE 3A (continued)

EPA-SB-75-10-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	38.09	4.33	0.1137	0.9503	0.1219	1.0739	1.0721	1.0016
1.0	2.0	34.36	5.63	0.1639	0.9259	0.3033	0.9687	1.1074	0.8748*
2.0	3.0	42.69	7.48	0.1752	0.9202	0.4988	1.2036	1.1157	1.0787
3.0	4.0	33.09	6.10	0.1843	0.9155	0.7057	0.9329	1.1225	0.8311*
4.0	5.0	37.90	7.29	0.1923	0.9114	0.9228	1.0685	1.1285	0.9469*
5.0	6.0	41.50	8.29	0.1998	0.9075	1.1493	1.1700	1.1341	1.0317
6.0	7.0	42.81	8.87	0.2072	0.9036	1.3855	1.2069	1.1398	1.0589
7.0	8.0	41.87	8.89	0.2123	0.9009	1.6283	1.1804	1.1437	1.0321
8.0	9.0	45.05	9.88	0.2193	0.8971	1.8803	1.2701	1.1492	1.1052
9.0	10.0	45.57	10.30	0.2260	0.8935	2.1413	1.2847	1.1544	1.1129
10.0	11.0	55.69	12.95	0.2325	0.8899	2.4109	1.5701	1.1596	1.3540
11.0	12.0	44.29	10.49	0.2368	0.8876	2.6864	1.2487	1.1630	1.0736
12.0	13.0	48.62	11.92	0.2452	0.8829	2.9732	1.3707	1.1697	1.1718
13.0	14.0	41.37	10.09	0.2439	0.8837	3.2582	1.1663	1.1687	0.9980*
14.0	15.0	46.20	11.61	0.2513	0.8795	3.5534	1.3025	1.1747	1.1088
15.0	16.0	47.87	12.51	0.2613	0.8738	3.8626	1.3496	1.1830	1.1409
16.0	18.0	84.78	24.08	0.2840	0.8606	4.5454	1.1951	1.2021	0.9942*
18.0	20.0	90.18	27.97	0.3102	0.8449	5.3052	1.2712	1.2248	1.0379
20.0	22.0	93.09	31.36	0.3369	0.8283	6.1467	1.3122	1.2490	1.0506
22.0	24.0	97.24	38.40	0.3949	0.7897	7.1774	1.3707	1.3050	1.0508
24.0	26.0	96.09	42.38	0.4410	0.7564	8.3711	1.3545	1.3532	1.0010
26.0	28.0	103.72	48.50	0.4676	0.7361	9.6641	1.4621	1.3826	1.0575
28.0	30.0	99.09	46.40	0.4683	0.7356	10.9597	1.3968	1.3834	1.0097
30.0	35.0	126.50	63.35	0.5008	0.7095	14.5184	0.7133	1.4212	0.5019*
35.0	40.0	174.36	103.52	0.5937	0.6264	19.0952	0.9831	1.5417	0.6377*
40.0	45.0	200.99	129.88	0.6462	0.5729	24.3271	1.1333	1.6193	0.6999*
45.0	50.0	203.19	116.70	0.5743	0.6449	28.6776	1.1457	1.5150	0.7563*
50.0	55.0	278.63	156.37	0.5612	0.6570	32.8792	1.5711	1.4973	1.0492
55.0	60.0	211.89	110.96	0.5237	0.6903	36.6734	1.1948	1.4491	0.8245*

TABLE 3A (continued)

EPA-SB-75-11A

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	37.59	5.21	0.1386	0.9384	0.1510	1.0598	1.0894	0.9728*
1.0	2.0	34.77	6.67	0.1918	0.9117	0.3674	0.9803	1.1281	0.8690*
2.0	3.0	40.09	7.93	0.1978	0.9086	0.5914	1.1302	1.1326	0.9979*
3.0	4.0	40.26	8.20	0.2037	0.9055	0.8230	1.1350	1.1371	0.9982*
4.0	5.0	40.37	8.72	0.2160	0.8989	1.0707	1.1381	1.1466	0.9926*
5.0	6.0	38.26	8.58	0.2243	0.8945	1.3292	1.0787	1.1530	0.9355*
6.0	7.0	45.30	11.68	0.2578	0.8758	1.6335	1.2771	1.1801	1.0822
7.0	8.0	44.79	12.38	0.2764	0.8651	1.9640	1.2628	1.1956	1.0562
8.0	9.0	39.25	12.29	0.3131	0.8431	2.3483	1.1066	1.2275	0.9015*
9.0	10.0	49.48	18.60	0.3759	0.8027	2.8318	1.3950	1.2861	1.0846
10.0	11.0	47.41	19.89	0.4195	0.7722	3.3899	1.3366	1.3303	1.0047
11.0	12.0	44.39	17.57	0.3958	0.7890	3.9068	1.2515	1.3059	0.9583*
12.0	13.0	31.31	10.89	0.3478	0.8212	4.3447	0.8827	1.2592	0.7010*
13.0	14.0	54.42	22.40	0.4116	0.7779	4.8889	1.5343	1.3221	1.1605
14.0	16.0	97.19	44.17	0.4545	0.7463	6.1323	1.3700	1.3679	1.0015
16.0	18.0	85.68	38.29	0.4469	0.7520	7.3475	1.2078	1.3596	0.8883*
18.0	20.0	98.80	45.74	0.4630	0.7397	8.6228	1.3927	1.3774	1.0111
20.0	22.0	104.09	47.23	0.4537	0.7468	9.8635	1.4673	1.3671	1.0733
22.0	24.0	88.19	36.84	0.4177	0.7735	10.9734	1.2432	1.3284	0.9358*
24.0	26.0	107.10	49.93	0.4662	0.7372	12.2610	1.5097	1.3811	1.0932
26.0	28.0	110.84	54.71	0.4936	0.7154	13.6556	1.5624	1.4127	1.1060
28.0	30.0	101.49	49.03	0.4831	0.7239	15.0087	1.4306	1.4004	1.0216
30.0	35.0	113.99	51.14	0.4486	0.7507	18.0628	0.6427	1.3615	0.4721*
35.0	40.0	126.25	60.44	0.4787	0.7273	21.4028	0.7119	1.3953	0.5102*
40.0	45.0	122.47	61.32	0.5007	0.7096	24.9605	0.6906	1.4211	0.4859*
45.0	50.0	116.84	66.44	0.5686	0.6502	29.2459	0.6588	1.5073	0.4371*

TABLE 3A (continued)

EPA-SB-75-12-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	34.90	5.62	0.1610	0.9273	0.1780	0.9939	1.1053	0.8902*
1.0	2.0	32.66	6.13	0.1877	0.9138	0.3891	0.9208	1.1250	0.8185*
2.0	3.0	41.47	8.15	0.1965	0.9092	0.6115	1.1692	1.1316	1.0332
3.0	4.0	41.00	9.68	0.2361	0.8880	0.8860	1.1559	1.1624	0.9944*
4.0	5.0	42.38	11.56	0.2728	0.8672	1.2113	1.1948	1.1925	1.0019
5.0	6.0	42.81	11.40	0.2663	0.8710	1.5274	1.2069	1.1871	1.0167
6.0	7.0	40.23	10.36	0.2575	0.8760	1.8312	1.1342	1.1798	0.9613*
7.0	8.0	43.25	11.61	0.2684	0.8697	2.1503	1.2193	1.1889	1.0256
8.0	9.0	42.32	12.13	0.2866	0.8591	2.4955	1.1931	1.2043	0.9907*
9.0	10.0	43.28	12.86	0.2971	0.8528	2.8561	1.2202	1.2134	1.0056
10.0	11.0	45.24	14.65	0.3238	0.8365	3.2567	1.2754	1.2371	1.0310
11.0	12.0	52.38	20.49	0.3912	0.7922	3.7657	1.4767	1.3013	1.1349
12.0	13.0	47.01	17.76	0.3778	0.8014	4.2523	1.3253	1.2880	1.0290
13.0	14.0	45.86	17.38	0.3790	0.8006	4.7408	1.2929	1.2891	1.0029
14.0	15.0	44.41	16.80	0.3783	0.8011	5.2283	1.2520	1.2885	0.9717*
15.0	16.0	46.08	17.59	0.3817	0.7987	5.7214	1.2991	1.2919	1.0056
16.0	18.0	85.68	32.88	0.3838	0.7973	6.7144	1.2078	1.2939	0.9335*
18.0	20.0	89.01	33.87	0.3805	0.7995	7.6967	1.2547	1.2907	0.9722*
20.0	22.0	88.90	33.53	0.3772	0.8018	8.6678	1.2532	1.2874	0.9734*
22.0	24.0	98.34	40.09	0.4077	0.7807	9.7424	1.3862	1.3180	1.0518
24.0	26.0	84.45	34.91	0.4134	0.7766	10.8369	1.1904	1.3239	0.8992*
26.0	28.0	92.97	37.80	0.4066	0.7815	11.9078	1.3105	1.3169	0.9952*
28.0	30.0	91.86	41.11	0.4475	0.7515	13.1253	1.2949	1.3603	0.9519*
30.0	35.0	102.29	46.69	0.4564	0.7447	16.2523	0.5768	1.3701	0.4210*
35.0	40.0	102.32	46.41	0.4536	0.7469	19.3523	0.5769	1.3669	0.4221*
40.0	45.0	99.49	47.35	0.4759	0.7296	22.6651	0.5610	1.3921	0.4030*
45.0	50.0	99.28	46.71	0.4705	0.7339	25.9253	0.5598	1.3859	0.4039*
50.0	55.0	109.71	52.84	0.4816	0.7250	29.2936	0.6186	1.3987	0.4423*
55.0	60.0	107.84	54.40	0.5045	0.7065	32.8894	0.6081	1.4256	0.4265*

TABLE 3A (continued)

EPA-SB-75-15A

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	101.02	61.24	0.6062	0.6141	0.9454	2.8480	1.5595	1.8262
1.0	2.0	85.68	68.42	0.7986	0.3820	2.4596	2.4156	1.8961	1.2739
2.0	3.0	79.79	64.77	0.8118	0.3623	4.0219	2.2495	1.9247	1.1688
3.0	4.0	82.45	67.80	0.8223	0.3461	5.6239	2.3245	1.9481	1.1932
4.0	5.0	70.24	57.36	0.8166	0.3549	7.2044	1.9803	1.9354	1.0232
5.0	6.0	65.69	53.25	0.8106	0.3640	8.7626	1.8520	1.9222	0.9635*
6.0	7.0	67.81	54.65	0.8059	0.3711	10.3035	1.9118	1.9120	0.9999*
7.0	8.0	80.08	64.07	0.8001	0.3797	11.8231	2.2577	1.8994	1.1886
8.0	9.0	80.49	64.47	0.8010	0.3784	13.3460	2.2692	1.9013	1.1935
9.0	10.0	71.70	57.98	0.8086	0.3670	14.8969	2.0214	1.9179	1.0540
10.0	11.0	71.90	57.97	0.8063	0.3706	16.4390	2.0271	1.9127	1.0598
11.0	12.0	68.27	54.94	0.8047	0.3728	17.9756	1.9247	1.9094	1.0080
12.0	13.0	70.10	56.83	0.8107	0.3639	19.5340	1.9763	1.9223	1.0281
13.0	14.0	80.72	64.78	0.8025	0.3761	21.0625	2.2757	1.9046	1.1948
14.0	16.0	61.91	49.16	0.7941	0.3885	24.0587	0.8727	1.8866	0.4626*

TABLE 3A (continued)

EPA-SB-75-16-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	35.94	5.60	0.1558	0.9299	0.1716	1.0133	1.1016	0.9198*
1.0	2.0	36.72	7.99	0.2176	0.8981	0.4214	1.0352	1.1478	0.9019*
2.0	3.0	45.04	10.60	0.2353	0.8884	0.6948	1.2698	1.1618	1.0929
3.0	4.0	42.60	11.53	0.2707	0.8685	1.0171	1.2010	1.1907	1.0086
4.0	5.0	43.71	12.51	0.2862	0.8594	1.3617	1.2323	1.2039	1.0236
5.0	6.0	47.97	13.80	0.2877	0.8585	1.7084	1.3524	1.2052	1.1221
6.0	7.0	46.74	14.11	0.3019	0.8500	2.0759	1.3177	1.2175	1.0823
7.0	8.0	47.57	14.56	0.3145	0.8423	2.4623	1.3411	1.2287	1.0915
8.0	9.0	48.39	16.45	0.3399	0.8263	2.8879	1.3643	1.2519	1.0898
9.0	10.0	47.49	17.59	0.3704	0.8064	3.3623	1.3389	1.2808	1.0454
10.0	11.0	53.56	21.90	0.4089	0.7798	3.9017	1.5100	1.3193	1.1446
11.0	12.0	51.11	22.48	0.4398	0.7573	4.4963	1.4409	1.3519	1.0658
12.0	13.0	56.67	26.18	0.4620	0.7405	5.1321	1.5977	1.3763	1.1609
13.0	14.0	43.97	20.41	0.4642	0.7388	5.7721	1.2396	1.3788	0.8991*
14.0	15.0	53.40	24.24	0.4539	0.7467	6.3928	1.5055	1.3673	1.1010
15.0	16.0	56.22	25.07	0.4459	0.7527	6.9986	1.5850	1.3585	1.1667
16.0	18.0	89.67	40.93	0.4565	0.7447	8.2494	1.2640	1.3701	0.9226*
18.0	20.0	94.70	45.49	0.4804	0.7261	9.5918	1.3349	1.3972	0.9554*
20.0	22.0	101.17	50.68	0.5009	0.7094	11.0159	1.4261	1.4214	1.0033
22.0	24.0	100.89	50.41	0.4997	0.7104	12.4347	1.4222	1.4199	1.0016
24.0	26.0	94.92	48.33	0.5092	0.7025	13.8923	1.3380	1.4313	0.9348*
26.0	28.0	105.17	52.65	0.5006	0.7096	15.3151	1.4825	1.4210	1.0433
28.0	30.0	89.30	40.97	0.4588	0.7429	16.5747	1.2588	1.3727	0.9170*
30.0	35.0	159.60	78.29	0.4905	0.7179	20.0307	0.8999	1.4091	0.6387*
35.0	40.0	110.87	57.54	0.5190	0.6943	23.7760	0.6251	1.4433	0.4331*
40.0	45.0	101.28	52.43	0.5177	0.6954	27.5077	0.5711	1.4417	0.3961*
45.0	50.0	101.57	53.11	0.5229	0.6909	31.2938	0.5727	1.4482	0.3955*
50.0	55.0	95.96	49.38	0.5146	0.6980	34.9935	0.5411	1.4379	0.3763*
55.0	60.0	97.08	49.20	0.5068	0.7045	38.6132	0.5474	1.4285	0.3832*

EPA-SB-75-17A

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	42.82	7.59	0.1773	0.9192	0.1980	1.2072	1.1172	1.0806
1.0	2.0	44.22	9.64	0.2180	0.8978	0.4483	1.2467	1.1481	1.0858
2.0	3.0	43.57	10.99	0.2522	0.8790	0.7448	1.2284	1.1755	1.0450
3.0	4.0	41.66	12.19	0.2926	0.8556	1.0987	1.1745	1.2094	0.9711*
4.0	5.0	46.66	15.00	0.3215	0.8380	1.4957	1.3155	1.2350	1.0652
5.0	6.0	48.48	16.00	0.3300	0.8326	1.9059	1.3668	1.2427	1.0998
6.0	7.0	45.61	16.11	0.3532	0.8177	2.3524	1.2859	1.2643	1.0171
7.0	8.0	49.29	17.79	0.3609	0.8127	2.8114	1.3896	1.2716	1.0928
8.0	9.0	48.97	17.06	0.3484	0.8209	3.2503	1.3806	1.2597	1.0959
9.0	10.0	50.69	19.38	0.3823	0.7983	3.7444	1.4291	1.2924	1.1057
10.0	11.0	52.33	21.94	0.4193	0.7724	4.3020	1.4753	1.3300	1.1092
11.0	12.0	54.28	24.02	0.4425	0.7553	4.9016	1.5303	1.3548	1.1295
12.0	13.0	50.18	21.48	0.4281	0.7660	5.4748	1.4147	1.3393	1.0563
13.0	14.0	51.81	23.11	0.4461	0.7526	6.0809	1.4607	1.3587	1.0751
14.0	16.0	99.79	42.75	0.4284	0.7658	7.2287	1.4067	1.3397	1.0500
16.0	18.0	88.72	37.07	0.4178	0.7734	8.3389	1.2506	1.3285	0.9414*
18.0	20.0	95.59	42.57	0.4453	0.7532	9.5484	1.3475	1.3579	0.9923*
20.0	22.0	98.09	45.02	0.4590	0.7428	10.8086	1.3827	1.3729	1.0071
22.0	24.0	100.87	50.07	0.4964	0.7131	12.2144	1.4219	1.4160	1.0042
24.0	26.0	96.88	48.22	0.4977	0.7120	13.6255	1.3657	1.4176	0.9634*
26.0	28.0	101.56	50.70	0.4992	0.7108	15.0426	1.4316	1.4193	1.0087
28.0	30.0	102.14	50.46	0.4940	0.7150	16.4389	1.4398	1.4132	1.0188
30.0	35.0	134.68	68.00	0.5049	0.7061	20.0393	0.7594	1.4262	0.5325*
35.0	40.0	123.19	67.96	0.5517	0.6657	24.1348	0.6946	1.4848	0.4678*
40.0	45.0	135.58	67.89	0.5007	0.7095	27.6929	0.7645	1.4212	0.5379*
45.0	50.0	122.87	59.94	0.4878	0.7201	31.1222	0.6928	1.4059	0.4928*

TABLE 3A (continued)

EPA-SB-75-18-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	36.48	5.39	0.1478	0.9339	0.1619	1.0285	1.0958	0.9385*
1.0	2.0	31.77	5.25	0.1653	0.9252	0.3451	0.8957	1.1084	0.8081*
2.0	3.0	33.68	5.71	0.1695	0.9231	0.5335	0.9495	1.1115	0.8543*
3.0	4.0	38.61	7.40	0.1917	0.9118	0.7497	1.0885	1.1279	0.9651*
4.0	5.0	35.48	7.47	0.2105	0.9018	0.9902	1.0003	1.1423	0.8756*
5.0	6.0	35.77	7.59	0.2122	0.9010	1.2329	1.0085	1.1436	0.8818*
6.0	7.0	36.98	8.00	0.2163	0.8987	1.4810	1.0426	1.1468	0.9091*
7.0	8.0	36.57	8.11	0.2218	0.8958	1.7362	1.0310	1.1511	0.8957*
8.0	9.0	39.05	8.70	0.2228	0.8953	1.9929	1.1009	1.1519	0.9558*
9.0	10.0	41.35	9.76	0.2360	0.8880	2.2672	1.1658	1.1624	1.0029
10.0	11.0	43.50	11.11	0.2554	0.8772	2.5681	1.2264	1.1781	1.0410
11.0	12.0	44.18	11.99	0.2714	0.8680	2.8914	1.2456	1.1914	1.0455
12.0	13.0	44.57	12.17	0.2731	0.8671	3.2171	1.2566	1.1928	1.0535
13.0	14.0	44.31	12.16	0.2744	0.8663	3.5448	1.2492	1.1939	1.0463
14.0	15.0	46.62	13.19	0.2829	0.8613	3.8846	1.3143	1.2011	1.0943
15.0	16.0	42.85	13.33	0.3111	0.8444	4.2659	1.2081	1.2257	0.9856*
16.0	18.0	84.39	27.29	0.3234	0.8368	5.0657	1.1896	1.2367	0.9619*
18.0	20.0	82.42	28.42	0.3448	0.8232	5.9322	1.1618	1.2564	0.9247*
20.0	22.0	89.07	31.61	0.3549	0.8166	6.8307	1.2556	1.2659	0.9919*
22.0	24.0	90.26	35.18	0.3898	0.7932	7.8439	1.2723	1.2998	0.9788*
24.0	26.0	83.52	32.37	0.3876	0.7947	8.8498	1.1773	1.2977	0.9073*
26.0	28.0	89.93	36.16	0.4021	0.7846	9.9051	1.2677	1.3123	0.9660*
28.0	30.0	90.30	35.47	0.3928	0.7911	10.9287	1.2729	1.3029	0.9770*
30.0	35.0	135.24	52.19	0.3859	0.7959	13.4293	0.7626	1.2960	0.5884*
35.0	40.0	119.15	47.22	0.3963	0.7887	16.0180	0.6718	1.3064	0.5143*
40.0	45.0	108.96	43.99	0.4037	0.7835	18.6704	0.6144	1.3140	0.4676*
45.0	50.0	104.32	42.41	0.4065	0.7815	21.3471	0.5882	1.3168	0.4467*
50.0	55.0	120.26	51.07	0.4247	0.7685	24.1833	0.6781	1.3357	0.5077*
55.0	60.0	133.39	59.25	0.4442	0.7540	27.1963	0.7521	1.3566	0.5544*

TABLE 3A (continued)

EPA-SD-75-23-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	33.02	3.47	0.1051	0.9543	0.1121	0.9309	1.0663	0.8730*
1.0	2.0	24.35	4.14	0.1700	0.9228	0.3011	0.6865	1.1119	0.6174*
2.0	3.0	38.25	8.98	0.2348	0.8887	0.5738	1.0784	1.1614	0.9285*
3.0	4.0	44.47	11.92	0.2658	0.8713	0.8892	1.2537	1.1867	1.0565
4.0	5.0	42.52	12.62	0.2968	0.8530	1.2492	1.1988	1.2131	0.9882*
5.0	6.0	45.62	14.21	0.3115	0.8441	1.6311	1.2862	1.2260	1.0491
6.0	7.0	46.66	15.56	0.3335	0.8304	2.0466	1.3155	1.2459	1.0558
7.0	8.0	47.53	15.55	0.3272	0.8344	2.4523	1.3400	1.2401	1.0805
8.0	9.0	41.16	13.35	0.3243	0.8362	2.8537	1.1604	1.2376	0.9377*
9.0	10.0	43.09	14.06	0.3263	0.8349	3.2581	1.2148	1.2393	0.9802*
10.0	11.0	42.38	15.03	0.3546	0.8168	3.7069	1.1948	1.2657	0.9440*
11.0	12.0	45.33	16.59	0.3660	0.8093	4.1741	1.2780	1.2765	1.0012
12.0	13.0	46.32	17.74	0.3830	0.7979	4.6693	1.3059	1.2931	1.0099
13.0	14.0	53.38	22.60	0.4234	0.7694	5.2343	1.5049	1.3344	1.1278
14.0	15.0	53.63	23.52	0.4386	0.7582	5.8266	1.5120	1.3505	1.1195
15.0	16.0	52.58	22.27	0.4235	0.7693	6.3918	1.4824	1.3345	1.1108
16.0	18.0	90.32	40.00	0.4429	0.7550	7.5922	1.2732	1.3552	0.9395*
18.0	20.0	98.12	44.99	0.4585	0.7431	8.8507	1.3831	1.3724	1.0078
20.0	22.0	96.69	47.15	0.4876	0.7202	10.2217	1.3630	1.4057	0.9696*
22.0	24.0	102.05	48.55	0.4757	0.7297	11.5461	1.4385	1.3919	1.0335
24.0	26.0	98.22	44.59	0.4540	0.7466	12.7876	1.3846	1.3674	1.0125
26.0	28.0	98.39	47.43	0.4821	0.7247	14.1366	1.3869	1.3992	0.9912*
28.0	30.0	103.87	51.68	0.4975	0.7122	15.5470	1.4642	1.4174	1.0330
30.0	35.0	103.44	52.65	0.5090	0.7027	19.1891	0.5833	1.4311	0.4376*
35.0	40.0	109.86	58.65	0.5339	0.6814	23.0914	0.6195	1.4619	0.4237*
40.0	45.0	114.49	60.48	0.5283	0.6863	26.9340	0.6456	1.4548	0.4437*
45.0	50.0	97.95	52.95	0.5406	0.6756	30.9085	0.5523	1.4704	0.3756*
50.0	55.0	103.81	55.30	0.5327	0.6825	34.7984	0.5853	1.4604	0.4008*
55.0	60.0	100.20	53.54	0.5343	0.6810	38.7057	0.5650	1.4625	0.3863*

TABLE 3A (continued)

EPA-SB-75-24-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	35.82	3.81	0.1064	0.9537	0.1135	1.0099	1.0672	0.9463*
1.0	2.0	31.09	5.06	0.1628	0.9265	0.2936	0.8765	1.1066	0.7921*
2.0	3.0	33.19	6.62	0.1995	0.9077	0.5198	0.9357	1.1338	0.8253*
3.0	4.0	31.09	7.09	0.2280	0.8924	0.7834	0.8765	1.1560	0.7582*
4.0	5.0	35.69	8.59	0.2407	0.8854	1.0641	1.0062	1.1661	0.8629*
5.0	6.0	39.85	9.81	0.2462	0.8824	1.3522	1.1235	1.1705	0.9598*
6.0	7.0	45.98	11.16	0.2427	0.8843	1.6356	1.2963	1.1677	1.1101
7.0	8.0	38.72	9.50	0.2454	0.8828	1.9227	1.0916	1.1699	0.9331*
8.0	9.0	43.26	11.36	0.2626	0.8731	2.2336	1.2196	1.1840	1.0301
9.0	10.0	46.37	13.48	0.2907	0.8567	2.5847	1.3073	1.2078	1.0824
10.0	11.0	44.71	13.44	0.3006	0.8508	2.9504	1.2605	1.2164	1.0362
11.0	12.0	43.32	13.09	0.3022	0.8498	3.3183	1.2213	1.2178	1.0029
12.0	13.0	42.57	13.61	0.3197	0.8391	3.7127	1.2002	1.2334	0.9731*
13.0	14.0	46.80	17.57	0.3754	0.8030	4.1953	1.3194	1.2857	1.0263
14.0	15.0	43.93	18.28	0.4161	0.7747	4.7474	1.2385	1.3267	0.9335*
15.0	16.0	47.83	20.37	0.4259	0.7676	5.3168	1.3485	1.3370	1.0086
16.0	18.0	90.97	36.61	0.4024	0.7844	6.3733	1.2824	1.3126	0.9769*
18.0	20.0	95.93	38.49	0.4012	0.7852	7.4257	1.3523	1.3114	1.0312
20.0	22.0	92.25	38.26	0.4147	0.7756	8.5250	1.3004	1.3253	0.9812*
22.0	24.0	99.45	45.37	0.4562	0.7449	9.7749	1.4019	1.3699	1.0234
24.0	26.0	100.69	46.01	0.4569	0.7444	11.0276	1.4194	1.3707	1.0355
26.0	28.0	96.29	42.89	0.4454	0.7531	12.2373	1.3573	1.3580	0.9995*
28.0	30.0	89.00	39.30	0.4416	0.7560	13.4329	1.2546	1.3538	0.9267*
30.0	35.0	115.89	52.69	0.4547	0.7461	16.5431	0.6535	1.3681	0.4776*
35.0	40.0	125.72	57.56	0.4578	0.7437	19.6831	0.7089	1.3717	0.5168*
40.0	45.0	136.87	64.63	0.4722	0.7325	22.9599	0.7718	1.3879	0.5561*
45.0	50.0	174.04	85.72	0.4925	0.7163	26.4357	0.9813	1.4114	0.6953*
50.0	55.0	182.39	87.79	0.4813	0.7253	29.8010	1.0284	1.3983	0.7355*
55.0	60.0	163.17	82.35	0.5047	0.7063	33.3992	0.9200	1.4259	0.6452*

TABLE 3A (continued)

EPA-SD-75-22-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	36.30	6.26	0.1725	0.9216	0.1921	1.0234	1.1137	0.9189*
1.0	2.0	37.19	10.51	0.2826	0.8615	0.5314	1.0485	1.2008	0.8731*
2.0	3.0	37.34	9.12	0.2442	0.8835	0.8169	1.0527	1.1690	0.9005*
3.0	4.0	39.68	11.99	0.3022	0.8498	1.1849	1.1187	1.2178	0.9186*
4.0	5.0	41.32	13.48	0.3262	0.8350	1.5892	1.1649	1.2393	0.9400*
5.0	6.0	43.92	14.79	0.3367	0.8283	2.0098	1.2382	1.2489	0.9914*
6.0	7.0	45.83	14.71	0.3210	0.8383	2.4060	1.2921	1.2345	1.0466
7.0	8.0	47.31	14.17	0.2995	0.8514	2.7700	1.3338	1.2155	1.0974
8.0	9.0	45.48	14.61	0.3212	0.8381	3.1667	1.2822	1.2348	1.0384
9.0	10.0	45.28	16.26	0.3591	0.8139	3.6227	1.2766	1.2699	1.0053
10.0	11.0	46.22	17.07	0.3693	0.8071	4.0953	1.3031	1.2797	1.0183
11.0	12.0	47.89	18.52	0.3867	0.7953	4.5968	1.3502	1.2968	1.0411
12.0	13.0	49.29	22.60	0.4585	0.7432	5.2261	1.3896	1.3724	1.0125
13.0	14.0	56.02	29.55	0.5275	0.6870	5.9930	1.5794	1.4539	1.0863
14.0	15.0	61.52	32.32	0.5254	0.6888	6.7554	1.7344	1.4512	1.1951
15.0	16.0	49.33	25.68	0.5206	0.6929	7.5078	1.3908	1.4453	0.9623*
16.0	18.0	96.24	49.73	0.5167	0.6962	8.9966	1.3566	1.4405	0.9418*
18.0	20.0	103.78	52.14	0.5024	0.7082	10.4266	1.4629	1.4232	1.0279
20.0	22.0	96.17	50.56	0.5257	0.6885	11.9530	1.3557	1.4517	0.9338*
22.0	24.0	106.89	62.95	0.5889	0.6310	13.7610	1.5068	1.5350	0.9816*
24.0	26.0	108.15	61.30	0.5668	0.6519	15.4669	1.5245	1.5048	1.0131
26.0	28.0	106.70	61.02	0.5719	0.6472	17.1958	1.5041	1.5116	0.9950*
28.0	30.0	103.28	57.50	0.5567	0.6611	18.8565	1.4559	1.4914	0.9762*
30.0	35.0	90.70	48.34	0.5330	0.6822	22.7492	0.5114	1.4608	0.3501*
35.0	40.0	111.99	60.86	0.5434	0.6730	26.7546	0.6315	1.4741	0.4284*
40.0	45.0	105.38	57.77	0.5482	0.6688	30.8121	0.5942	1.4803	0.4014*
45.0	50.0	119.76	64.86	0.5416	0.6747	34.7974	0.6753	1.4717	0.4588*
50.0	55.0	94.24	50.95	0.5406	0.6755	38.7726	0.5314	1.4705	0.3614*

TABLE 3A (continued)

EPA-SB-75-25-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	0.0	39.96	3.83	0.0958	0.9585	0.0508	2.2532	1.0601	2.1254
1.0	2.0	28.79	4.54	0.1577	0.9290	0.2247	0.8117	1.1029	0.7359*
2.0	3.0	33.80	5.48	0.1621	0.9268	0.4041	0.9529	1.1061	0.8615*
3.0	4.0	39.69	7.03	0.1771	0.9192	0.6019	1.1190	1.1171	1.0017
4.0	5.0	37.14	6.86	0.1847	0.9154	0.8093	1.0471	1.1227	0.9326*
5.0	6.0	39.72	7.65	0.1926	0.9113	1.0267	1.1198	1.1287	0.9922*
6.0	7.0	38.01	7.76	0.2042	0.9052	1.2589	1.0716	1.1374	0.9421*
7.0	8.0	41.62	8.62	0.2071	0.9037	1.4949	1.1734	1.1397	1.0296
8.0	9.0	36.88	7.90	0.2142	0.8999	1.7402	1.0398	1.1452	0.9079*
9.0	10.0	40.55	8.78	0.2165	0.8986	1.9886	1.1432	1.1470	0.9967*
10.0	11.0	43.77	9.86	0.2253	0.8939	2.2485	1.2340	1.1538	1.0695
11.0	12.0	42.59	9.72	0.2282	0.8923	2.5124	1.2007	1.1562	1.0385
12.0	13.0	38.30	8.77	0.2290	0.8919	2.7773	1.0798	1.1568	0.9335*
13.0	14.0	40.12	9.44	0.2353	0.8884	3.0506	1.1311	1.1618	0.9736*
14.0	15.0	40.46	9.75	0.2410	0.8853	3.3317	1.1407	1.1663	0.9780*
15.0	16.0	46.60	12.41	0.2663	0.8710	3.6478	1.3138	1.1871	1.1067
16.0	18.0	78.76	23.77	0.3018	0.8500	4.3827	1.1102	1.2175	0.9119*
18.0	20.0	81.44	24.84	0.3050	0.8481	5.1271	1.1480	1.2203	0.9408*
20.0	22.0	84.40	25.26	0.2993	0.8515	5.8545	1.1897	1.2153	0.9790*
22.0	24.0	84.95	26.24	0.3089	0.8457	6.6105	1.1975	1.2237	0.9786*
24.0	26.0	83.99	26.41	0.3144	0.8423	7.3832	1.1840	1.2286	0.9636*
26.0	28.0	82.25	26.64	0.3239	0.8364	8.1846	1.1594	1.2371	0.9372*
28.0	30.0	85.52	28.44	0.3326	0.8310	9.0126	1.2055	1.2450	0.9683*
30.0	35.0	87.39	30.95	0.3542	0.8171	11.2530	0.4928	1.2652	0.3895*
35.0	40.0	120.42	45.79	0.3803	0.7997	13.7064	0.6790	1.2904	0.5262*
40.0	45.0	106.02	42.81	0.4038	0.7834	16.3594	0.5978	1.3140	0.4549*
45.0	50.0	126.12	56.05	0.4444	0.7539	19.3745	0.7111	1.3569	0.5241*
50.0	55.0	113.02	47.50	0.4203	0.7717	22.1717	0.6373	1.3311	0.4788*
55.0	60.0	115.13	48.05	0.4174	0.7738	24.9429	0.6492	1.3280	0.4888*
60.0	70.0	162.54	72.26	0.4446	0.7538	30.9760	0.4582	1.3571	0.3377*

TABLE 3A (continued)

EPA-SB-75-28A

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	30.13	6.23	0.2068	0.9038	0.2356	0.8494	1.1394	0.7455*
1.0	2.0	31.72	7.66	0.2415	0.8850	0.5174	0.8943	1.1668	0.7665*
2.0	3.0	46.71	13.64	0.2920	0.8559	0.8704	1.3169	1.2089	1.0893
3.0	4.0	42.90	13.57	0.3163	0.8412	1.2596	1.2095	1.2303	0.9830*
4.0	5.0	44.81	14.01	0.3127	0.8434	1.6432	1.2633	1.2271	1.0296
5.0	6.0	56.98	19.18	0.3366	0.8284	2.0635	1.6064	1.2488	1.2864
6.0	7.0	52.93	19.30	0.3646	0.8102	2.5285	1.4922	1.2752	1.1702
7.0	8.0	49.92	17.69	0.3544	0.8170	2.9769	1.4074	1.2654	1.1122
8.0	9.0	54.68	20.47	0.3744	0.8037	3.4578	1.5416	1.2846	1.2000
9.0	10.0	50.15	19.61	0.3910	0.7923	3.9666	1.4139	1.3011	1.0867
10.0	11.0	51.02	21.25	0.4165	0.7744	4.5194	1.4384	1.3271	1.0838
11.0	12.0	55.74	26.89	0.4824	0.7244	5.1946	1.5715	1.3996	1.1228
12.0	13.0	67.60	36.92	0.5462	0.6706	6.0016	1.9058	1.4776	1.2898
13.0	14.0	40.33	23.12	0.5733	0.6459	6.8692	1.1370	1.5135	0.7512*
14.0	16.0	95.92	54.12	0.5642	0.6543	8.5634	1.3521	1.5013	0.9006*
16.0	18.0	124.17	77.18	0.6216	0.5987	10.5300	1.7504	1.5819	1.1065
18.0	20.0	128.22	81.58	0.6363	0.5835	12.5710	1.8074	1.6040	1.1268
20.0	22.0	119.81	74.64	0.6230	0.5972	14.5447	1.6889	1.5840	1.0662
22.0	24.0	110.27	69.80	0.6330	0.5869	16.5691	1.5544	1.5990	0.9721*
24.0	26.0	115.83	72.10	0.6225	0.5977	18.5401	1.6328	1.5833	1.0313
26.0	28.0	131.61	85.21	0.6474	0.5716	20.6394	1.8552	1.6212	1.1443
28.0	30.0	132.62	90.37	0.6814	0.5339	22.9233	1.8695	1.6759	1.1155
30.0	35.0	175.36	118.94	0.6783	0.5375	28.5889	0.9888	1.6706	0.5919*
35.0	40.0	122.13	77.36	0.6334	0.5864	33.6554	0.6886	1.5997	0.4305*
40.0	45.0	100.79	60.05	0.5958	0.6244	38.2569	0.5683	1.5447	0.3679*
45.0	50.0	135.32	80.20	0.5927	0.6274	42.8212	0.7630	1.5403	0.4954*

TABLE 3A (continued)

EPA-SB-75-29-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	44.00	7.22	0.1641	0.9258	0.1817	1.2405	1.1076	1.1200
1.0	2.0	38.55	9.50	0.2464	0.8822	0.4703	1.0868	1.1708	0.9283*
2.0	3.0	43.81	12.75	0.2910	0.8565	0.8218	1.2351	1.2081	1.0224
3.0	4.0	44.52	14.49	0.3255	0.8355	1.2250	1.2551	1.2386	1.0134
4.0	5.0	49.23	17.00	0.3453	0.8228	1.6590	1.3879	1.2569	1.1043
5.0	6.0	47.03	16.21	0.3447	0.8233	2.0920	1.3259	1.2563	1.0554
6.0	7.0	36.55	12.52	0.3425	0.8246	2.5216	1.0304	1.2543	0.8215*
7.0	8.0	47.33	16.86	0.3562	0.8158	2.9730	1.3344	1.2671	1.0530
8.0	9.0	43.13	16.44	0.3812	0.7991	3.4652	1.2160	1.2913	0.9416*
9.0	10.0	47.31	18.79	0.3972	0.7881	3.9844	1.3338	1.3073	1.0203
10.0	11.0	48.99	20.19	0.4121	0.7775	4.5295	1.3812	1.3226	1.0443
11.0	12.0	60.62	26.68	0.4401	0.7571	5.1246	1.7090	1.3522	1.2639
12.0	13.0	45.53	21.50	0.4722	0.7325	5.7800	1.2836	1.3879	0.9249*
12.0	13.0	45.53	21.50	0.4722	0.7325	6.4354	1.2836	1.3879	0.9249*
13.0	14.0	53.80	26.60	0.4944	0.7147	7.1343	1.5168	1.4137	1.0729
14.0	15.0	65.56	33.82	0.5159	0.6969	7.8769	1.8483	1.4395	1.2840
15.0	16.0	52.05	26.60	0.5110	0.7010	8.6096	1.4674	1.4336	1.0236
16.0	18.0	98.25	50.66	0.5156	0.6971	10.0937	1.3850	1.4392	0.9623*
18.0	20.0	103.40	53.38	0.5162	0.6966	11.5805	1.4576	1.4400	1.0122
20.0	22.0	106.62	55.35	0.5191	0.6941	13.0792	1.5030	1.4435	1.0412
22.0	24.0	106.25	60.58	0.5702	0.6488	14.8003	1.4977	1.5093	0.9923*
24.0	26.0	113.37	66.25	0.5844	0.6354	16.5870	1.5981	1.5287	1.0454
26.0	28.0	111.82	66.22	0.5922	0.6279	18.4105	1.5763	1.5396	1.0238
28.0	30.0	116.89	67.27	0.5755	0.6438	20.1560	1.6477	1.5165	1.0865
30.0	35.0	111.99	63.38	0.5659	0.6527	24.4109	0.6315	1.5036	0.4200*
35.0	40.0	136.69	68.77	0.5031	0.7076	27.9930	0.7707	1.4240	0.5412*
40.0	45.0	125.81	68.18	0.5419	0.6744	31.9821	0.7094	1.4722	0.4819*
45.0	50.0	90.62	50.74	0.5599	0.6582	36.1692	0.5110	1.4956	0.3416*

TABLE 3A (continued)

EPA-SB-75-30-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	37.10	4.57	0.1232	0.9458	0.1329	1.0460	1.0786	0.9697*
1.0	2.0	34.01	7.94	0.2335	0.8894	0.4038	0.9588	1.1603	0.8264*
2.0	3.0	42.69	10.59	0.2481	0.8813	0.6945	1.2036	1.1721	1.0269
3.0	4.0	43.22	11.18	0.2587	0.8753	0.9999	1.2185	1.1808	1.0319
4.0	5.0	48.48	13.39	0.2762	0.8652	1.3301	1.3668	1.1954	1.1434
5.0	6.0	45.06	13.60	0.3018	0.8500	1.6976	1.2704	1.2175	1.0434
6.0	7.0	47.21	15.25	0.3230	0.8370	2.0969	1.3310	1.2364	1.0765
7.0	8.0	41.83	13.84	0.3309	0.8321	2.5084	1.1793	1.2435	0.9484*
8.0	9.0	49.59	16.94	0.3416	0.8252	2.9365	1.3981	1.2534	1.1154
9.0	10.0	50.00	17.55	0.3510	0.8192	3.3796	1.4096	1.2622	1.1168
10.0	11.0	45.77	16.53	0.3612	0.8125	3.8389	1.2904	1.2719	1.0146
11.0	12.0	51.24	19.21	0.3749	0.8033	4.3207	1.4446	1.2852	1.1241
12.0	13.0	51.99	21.25	0.4087	0.7799	4.8599	1.4657	1.3191	1.1112
13.0	14.0	46.23	20.52	0.4439	0.7543	5.4619	1.3034	1.3563	0.9610*
14.0	15.0	46.65	21.42	0.4588	0.7430	6.0916	1.3163	1.3727	0.9589*
15.0	16.0	57.96	28.34	0.4890	0.7192	6.7797	1.6341	1.4072	1.1612
16.0	18.0	99.18	48.03	0.4843	0.7229	8.1374	1.3981	1.4018	0.9974*
18.0	20.0	96.12	11.25	0.1170	0.9487	8.3889	1.3549	1.0744	1.2611
20.0	22.0	96.20	41.64	0.4328	0.7625	9.5527	1.3561	1.3444	1.0087
22.0	24.0	101.55	50.78	0.5000	0.7101	10.9732	1.4315	1.4203	1.0078
24.0	26.0	112.46	60.28	0.5360	0.6796	12.5433	1.5853	1.4646	1.0824
26.0	28.0	107.72	59.94	0.5564	0.6614	14.2027	1.5185	1.4910	1.0184
28.0	30.0	111.61	62.56	0.5605	0.6576	15.8802	1.5733	1.4964	1.0514
30.0	35.0	113.80	62.44	0.5487	0.6684	19.9429	0.6417	1.4809	0.4333*
35.0	40.0	121.02	66.46	0.5492	0.6679	24.0109	0.6824	1.4815	0.4606*
40.0	45.0	129.55	75.37	0.5818	0.6378	28.4474	0.7305	1.5251	0.4790*
45.0	50.0	105.54	61.43	0.5821	0.6376	32.8870	0.5951	1.5255	0.3901*

EPA-SB-75-30A-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.5	49.61	11.32	0.2282	0.8923	0.3957	0.9324	1.1561	0.8065*
1.5	2.0	19.65	4.84	0.2463	0.8823	0.5399	1.1080	1.1707	0.9465*
2.0	3.0	39.89	10.16	0.2547	0.8776	0.8398	1.1246	1.1775	0.9551*
3.0	4.0	33.58	9.10	0.2710	0.8683	1.1625	0.9467	1.1910	0.7949*
4.0	5.0	37.89	10.91	0.2879	0.8583	1.5096	1.0682	1.2054	0.8862*
5.0	6.0	41.64	12.69	0.3048	0.8482	1.8815	1.1739	1.2201	0.9622*
6.0	7.0	40.07	12.51	0.3122	0.8437	2.2644	1.1297	1.2267	0.9210*
7.0	8.0	43.64	13.70	0.3139	0.8426	2.6500	1.2303	1.2282	1.0017
8.0	9.0	40.57	13.04	0.3214	0.8380	3.0469	1.1438	1.2349	0.9262*
9.0	10.0	38.20	12.53	0.3280	0.8339	3.4539	1.0770	1.2409	0.8679*
10.0	11.0	49.50	16.80	0.3394	0.8267	3.8786	1.3955	1.2514	1.1152
11.0	12.0	36.79	12.82	0.3485	0.8208	4.3176	1.0372	1.2598	0.8233*
12.0	13.0	49.91	17.32	0.3470	0.8217	4.7544	1.4071	1.2585	1.1181
13.0	14.0	51.94	18.86	0.3631	0.8112	5.2169	1.4643	1.2737	1.1496
14.0	16.0	91.10	36.01	0.3953	0.7894	6.2488	1.2842	1.3054	0.9838*
16.0	18.0	90.14	36.35	0.4033	0.7838	7.3082	1.2707	1.3135	0.9674*
18.0	20.0	97.00	39.01	0.4022	0.7846	8.3638	1.3674	1.3124	1.0419
20.0	22.0	86.18	33.56	0.3894	0.7935	9.3759	1.2148	1.2995	0.9348*
22.0	24.0	58.28	24.18	0.4149	0.7755	10.4757	0.8215	1.3255	0.6198*
24.0	26.0	93.59	43.06	0.4601	0.7419	11.7402	1.3193	1.3742	0.9600*
26.0	28.0	95.99	42.48	0.4425	0.7553	12.9394	1.3531	1.3549	0.9987*
28.0	30.0	98.52	45.40	0.4608	0.7414	14.2067	1.3888	1.3750	1.0100
30.0	35.0	240.64	110.99	0.4612	0.7411	17.3787	1.3569	1.3755	0.9965*
35.0	40.0	83.65	36.77	0.4396	0.7575	20.3493	0.4717	1.3516	0.3490*
40.0	45.0	138.75	77.06	0.5554	0.6623	24.4860	0.7824	1.4896	0.5252*
45.0	50.0	180.53	102.00	0.5650	0.6535	28.7302	1.0179	1.5024	0.6775*

TABLE 3A (continued)

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	0.5	29.20	5.02	0.1719	0.9219	0.0957	1.6465	1.1133	1.4789
0.5	1.0	20.45	4.69	0.2293	0.8917	0.2284	1.1531	1.1570	0.9966*
1.0	1.5	23.45	5.73	0.2443	0.8834	0.3712	1.3222	1.1691	1.1310
1.5	2.0	21.08	5.39	0.2557	0.8770	0.5218	1.1886	1.1783	1.0087
2.0	2.5	20.83	5.50	0.2640	0.8723	0.6783	1.1745	1.1852	0.9910*
2.5	3.0	20.63	5.63	0.2729	0.8672	0.8411	1.1632	1.1926	0.9754*
3.0	3.5	17.85	5.06	0.2835	0.8610	1.0114	1.0065	1.2016	0.8376*
3.5	4.0	18.78	5.53	0.2945	0.8544	1.1897	1.0589	1.2111	0.8744*
4.0	4.5	22.00	6.67	0.3032	0.8492	1.3744	1.2405	1.2187	1.0179
4.5	5.0	20.39	6.24	0.3060	0.8475	1.5613	1.1497	1.2212	0.9415*
5.0	5.5	21.65	6.48	0.2993	0.8515	1.7431	1.2207	1.2153	1.0045
5.5	6.0	19.70	5.98	0.3036	0.8490	1.9282	1.1108	1.2190	0.9112*
6.0	6.5	23.78	7.31	0.3074	0.8466	2.1160	1.3409	1.2224	1.0969
6.5	7.0	21.37	6.74	0.3154	0.8417	2.3099	1.2050	1.2295	0.9800*
7.0	7.5	23.68	7.76	0.3277	0.8341	2.5132	1.3352	1.2406	1.0763
7.5	8.0	22.52	7.61	0.3379	0.8276	2.7244	1.2698	1.2500	1.0158
8.0	8.5	23.45	8.04	0.3429	0.8244	2.9395	1.3222	1.2546	1.0539
8.5	9.0	22.47	7.80	0.3471	0.8217	3.1579	1.2670	1.2586	1.0067
9.0	9.5	21.08	7.42	0.3520	0.8185	3.3802	1.1886	1.2631	0.9410*
9.5	10.0	24.38	8.77	0.3597	0.8135	3.6087	1.3747	1.2705	1.0820
10.0	11.0	49.14	18.22	0.3708	0.8061	4.0837	1.3854	1.2811	1.0814
11.0	12.0	50.40	19.13	0.3796	0.8002	4.5733	1.4209	1.2897	1.1017
12.0	13.0	46.18	18.40	0.3984	0.7872	5.0947	1.3019	1.3086	0.9949*
13.0	14.0	50.55	20.81	0.4117	0.7778	5.6389	1.4251	1.3221	1.0779
14.0	15.0	53.62	22.70	0.4233	0.7694	6.2038	1.5117	1.3343	1.1329
15.0	16.0	51.77	22.38	0.4323	0.7629	6.7847	1.4595	1.3438	1.0861
16.0	17.0	54.57	25.21	0.4620	0.7405	7.4206	1.5385	1.3763	1.1178
17.0	18.0	55.53	24.84	0.4473	0.7517	8.0290	1.5655	1.3601	1.1511
18.0	19.0	52.01	23.18	0.4457	0.7529	8.6343	1.4663	1.3583	1.0795
19.0	20.0	49.87	21.38	0.4287	0.7655	9.2088	1.4060	1.3400	1.0492
20.0	22.0	91.50	39.99	0.4370	0.7594	10.3879	1.2898	1.3489	0.9562*
22.0	24.0	99.06	44.55	0.4497	0.7499	11.6136	1.3964	1.3627	1.0247
24.0	26.0	103.39	50.12	0.4848	0.7225	12.9732	1.4574	1.4023	1.0393
26.0	28.0	111.52	56.35	0.5053	0.7058	14.4149	1.5720	1.4266	1.1019
28.0	30.0	111.48	61.39	0.5507	0.6666	16.0488	1.5715	1.4835	1.0593
30.0	35.0	158.00	88.87	0.5625	0.6559	20.2645	0.8909	1.4990	0.5943*
35.0	40.0	119.31	62.02	0.5198	0.6935	24.0185	0.6727	1.4444	0.4658*
40.0	45.0	149.78	83.59	0.5581	0.6599	28.1851	0.8445	1.4932	0.5656*
45.0	50.0	140.02	82.04	0.5859	0.6339	32.6698	0.7895	1.5308	0.5157*

TABLE 3A (continued)

EPA-SB-75-32-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	18.60	3.29	0.1769	0.9194	0.1976	0.5244	1.1169	0.4695*
1.0	2.0	25.90	3.92	0.1514	0.9321	0.3638	0.7302	1.0984	0.6648*
2.0	3.0	34.03	7.89	0.2319	0.8903	0.6325	0.9594	1.1590	0.8278*
3.0	4.0	47.31	13.78	0.2913	0.8564	0.9845	1.3338	1.2083	1.1039
4.0	5.0	49.85	17.62	0.3535	0.8176	1.4314	1.4054	1.2645	1.1114
5.0	6.0	55.46	20.89	0.3767	0.8022	1.9162	1.5636	1.2869	1.2150
6.0	7.0	45.50	19.40	0.4264	0.7672	2.4864	1.2828	1.3375	0.9591*
7.0	8.0	54.99	31.04	0.5645	0.6540	3.3341	1.5503	1.5017	1.0324
8.0	9.0	65.48	49.61	0.7576	0.4394	4.7076	1.8461	1.8129	1.0183
9.0	10.0	80.86	60.69	0.7506	0.4488	6.0580	2.2797	1.7992	1.2670
10.0	11.0	76.17	55.89	0.7338	0.4706	7.3550	2.1474	1.7676	1.2149
11.0	12.0	71.12	53.31	0.7496	0.4501	8.7023	2.0051	1.7974	1.1156
12.0	13.0	79.52	59.18	0.7442	0.4571	10.0323	2.2419	1.7872	1.2544
13.0	14.0	79.44	58.89	0.7413	0.4609	11.3531	2.2396	1.7817	1.2570
14.0	15.0	77.03	57.60	0.7478	0.4525	12.6945	2.1717	1.7939	1.2106
15.0	16.0	81.81	63.14	0.7718	0.4201	14.1152	2.3065	1.8408	1.2529
16.0	18.0	142.95	113.09	0.7911	0.3928	17.0905	2.0151	1.8804	1.0716
18.0	20.0	155.30	123.09	0.7926	0.3907	20.0763	2.1892	1.8835	1.1623
20.0	22.0	157.63	127.13	0.8065	0.3702	23.1624	2.2220	1.9132	1.1614
22.0	24.0	148.79	121.02	0.8134	0.3599	26.2990	2.0974	1.9282	1.0878
24.0	26.0	157.09	129.28	0.8233	0.3451	29.5078	2.2144	1.9496	1.1359

TABLE 3A (continued)

EPA-SB-75-34A

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	46.40	3.96	0.0853	0.9633	0.0899	1.3081	1.0532	1.2421
1.0	2.0	41.77	9.12	0.2183	0.8977	0.3406	1.1776	1.1484	1.0254
2.0	3.0	29.91	6.99	0.2337	0.8893	0.6118	0.8432	1.1605	0.7266*
3.0	4.0	44.90	12.06	0.2686	0.8696	0.9312	1.2659	1.1890	1.0646
4.0	5.0	53.87	15.57	0.2890	0.8577	1.2799	1.5187	1.2064	1.2590
5.0	6.0	48.50	14.98	0.3089	0.8457	1.6578	1.3674	1.2237	1.1174
6.0	7.0	47.26	15.55	0.3290	0.8332	2.0664	1.3324	1.2418	1.0729
7.0	8.0	44.16	16.29	0.3689	0.8074	2.5383	1.2450	1.2793	0.9732*
8.0	9.0	42.87	15.19	0.3543	0.8170	2.9867	1.2086	1.2653	0.9552*
9.0	10.0	46.79	16.11	0.3443	0.8235	3.4191	1.3191	1.2559	1.0503
10.0	11.0	52.46	19.18	0.3656	0.8096	3.8857	1.4790	1.2761	1.1590
11.0	12.0	55.43	22.52	0.4063	0.7817	4.4206	1.5627	1.3166	1.1870
12.0	13.0	58.39	25.23	0.4321	0.7630	5.0011	1.6462	1.3436	1.2252
13.0	14.0	60.22	29.24	0.4856	0.7219	5.6825	1.6978	1.4032	1.2099
14.0	16.0	104.88	59.31	0.5655	0.6531	7.3824	1.4784	1.5030	0.9836*
15.0	18.0	118.79	75.82	0.6383	0.5813	9.4339	1.6745	1.6071	1.0420
18.0	20.0	120.56	80.16	0.6649	0.5525	11.6265	1.6995	1.6488	1.0307
20.0	22.0	125.05	73.41	0.5870	0.6328	13.4257	1.7628	1.5324	1.1503
22.0	24.0	115.41	73.06	0.6330	0.5868	15.4504	1.6269	1.5991	1.0173
24.0	26.0	100.98	67.72	0.6706	0.5461	17.6743	1.4235	1.6581	0.8585*
26.0	28.0	127.57	85.47	0.6700	0.5469	19.8947	1.7983	1.6571	1.0852
28.0	30.0	131.86	87.80	0.6659	0.5515	22.0925	1.8588	1.6504	1.1263
30.0	35.0	158.81	104.26	0.6565	0.5618	27.4609	0.8955	1.6354	0.5475*
35.0	40.0	182.16	123.51	0.6780	0.5378	33.1233	1.0271	1.6702	0.6150*
40.0	45.0	137.27	90.67	0.6605	0.5574	38.5456	0.7740	1.6418	0.4714*
45.0	50.0	119.58	56.85	0.4754	0.7300	41.8534	0.6743	1.3915	0.4845*

TABLE 3A (continued)

EPA-SB-75-35-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	36.21	5.58	0.1541	0.9308	0.1696	1.0209	1.1004	0.9278*
1.0	2.0	35.42	8.62	0.2434	0.8840	0.4539	0.9986	1.1683	0.8548*
2.0	3.0	42.80	11.72	0.2738	0.8666	0.7807	1.2067	1.1934	1.0111
3.0	4.0	40.35	11.55	0.2862	0.8593	1.1253	1.1376	1.2040	0.9449*
4.0	5.0	42.35	12.46	0.2942	0.8546	1.4815	1.1940	1.2108	0.9861*
5.0	6.0	41.24	12.79	0.3101	0.8450	1.8614	1.1627	1.2248	0.9493*
6.0	7.0	48.28	16.77	0.3473	0.8215	2.2986	1.3611	1.2588	1.0813
7.0	8.0	48.01	16.01	0.3335	0.8304	2.7141	1.3535	1.2459	1.0864
8.0	9.0	47.77	16.15	0.3381	0.8275	3.1367	1.3468	1.2501	1.0773
9.0	10.0	41.84	14.05	0.3358	0.8289	3.5558	1.1796	1.2480	0.9452*
10.0	11.0	44.76	15.84	0.3539	0.8173	4.0035	1.2619	1.2649	0.9976*
11.0	12.0	46.16	16.90	0.3661	0.8092	4.4709	1.3014	1.2766	1.0194
12.0	13.0	51.63	20.70	0.4009	0.7854	4.9965	1.4556	1.3111	1.1102
13.0	14.0	49.67	21.69	0.4367	0.7596	5.5854	1.4003	1.3485	1.0384
14.0	15.0	50.58	25.74	0.5089	0.7028	6.3136	1.4260	1.4310	0.9965*
15.0	16.0	59.67	32.87	0.5509	0.6664	7.1310	1.6823	1.4837	1.1338
16.0	18.0	113.94	68.27	0.5992	0.6211	8.9878	1.6061	1.5495	1.0366
18.0	20.0	114.12	70.21	0.6152	0.6051	10.9228	1.6087	1.5726	1.0229
20.0	22.0	122.36	70.44	0.5757	0.6436	12.6691	1.7248	1.5168	1.1372
22.0	24.0	106.40	65.08	0.6117	0.6087	14.5866	1.4999	1.5674	0.9569*
24.0	26.0	114.87	67.58	0.5883	0.6316	16.3917	1.6193	1.5342	1.0555
26.0	28.0	112.55	67.26	0.5976	0.6226	18.2410	1.5866	1.5472	1.0254
28.0	30.0	108.29	65.54	0.6052	0.6151	20.1270	1.5265	1.5581	0.9797*
30.0	35.0	164.31	113.46	0.6905	0.5234	25.9658	0.9265	1.6911	0.5478*
35.0	40.0	131.07	94.51	0.7211	0.4866	32.2551	0.7390	1.7444	0.4237*
40.0	45.0	107.31	66.62	0.6208	0.5994	37.1621	0.6051	1.5808	0.3828*
45.0	50.0	126.79	70.26	0.5541	0.6634	41.2850	0.7149	1.4880	0.4804*

TABLE 3A (continued)

EPA-SB-75-36-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	34.98	5.26	0.1504	0.9326	0.1651	0.9862	1.0977	0.8984*
1.0	2.0	39.00	9.57	0.2454	0.8828	0.4521	1.0995	1.1699	0.9398*
2.0	3.0	39.94	11.03	0.2762	0.8653	0.7823	1.1260	1.1954	0.9420*
3.0	4.0	43.43	12.49	0.2876	0.8585	1.1288	1.2244	1.2051	1.0160
4.0	5.0	39.79	11.60	0.2915	0.8562	1.4812	1.1218	1.2085	0.9282*
5.0	6.0	42.53	12.84	0.3019	0.8500	1.8487	1.1990	1.2175	0.9848*
6.0	7.0	46.63	14.68	0.3148	0.8421	2.2356	1.3146	1.2290	1.0697
7.0	8.0	43.05	14.02	0.3257	0.8353	2.6391	1.2137	1.2388	0.9798*
8.0	9.0	44.68	14.99	0.3355	0.8291	3.0577	1.2597	1.2478	1.0095
9.0	10.0	49.65	17.12	0.3448	0.8232	3.4909	1.3998	1.2564	1.1141
10.0	11.0	49.71	18.07	0.3635	0.8110	3.9541	1.4015	1.2741	1.1000
11.0	12.0	50.00	20.61	0.4122	0.7775	4.4993	1.4096	1.3227	1.0658
12.0	13.0	50.22	22.60	0.4500	0.7496	5.1126	1.4158	1.3630	1.0388
13.0	14.0	51.69	25.69	0.4970	0.7126	5.8168	1.4573	1.4167	1.0286
14.0	15.0	54.66	29.86	0.5463	0.6705	6.6240	1.5410	1.4778	1.0428
15.0	16.0	57.16	32.14	0.5623	0.6560	7.4668	1.6115	1.4988	1.0752
16.0	18.0	107.48	63.21	0.5881	0.6318	9.2710	1.5151	1.5339	0.9877*
18.0	20.0	116.63	68.85	0.5903	0.6297	11.0856	1.6441	1.5370	1.0697
20.0	22.0	102.65	57.56	0.5607	0.6574	12.7641	1.4470	1.4967	0.9668*
22.0	24.0	101.47	50.57	0.4984	0.7115	14.1779	1.4304	1.4184	1.0085
24.0	26.0	103.94	57.98	0.5578	0.6601	15.8434	1.4652	1.4928	0.9815*
26.0	28.0	103.56	60.89	0.5880	0.6319	17.6469	1.4598	1.5337	0.9518*
28.0	30.0	103.64	65.66	0.6335	0.5863	19.6741	1.4610	1.5999	0.9132*
30.0	35.0	154.64	99.16	0.6412	0.5782	24.8411	0.8719	1.6116	0.5410*
35.0	40.0	152.71	92.57	0.6062	0.6142	29.5678	0.8611	1.5595	0.5521*
40.0	45.0	136.25	81.00	0.5945	0.6256	34.1538	0.7683	1.5428	0.4979*
45.0	50.0	137.38	81.13	0.5906	0.6294	38.6931	0.7746	1.5373	0.5039*

TABLE 3A (continued)

EPA-SB-75-37-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	24.42	2.24	0.0917	0.9604	0.0970	0.6885	1.0574	0.6511*
1.0	2.0	28.63	4.80	0.1677	0.9240	0.2831	0.8072	1.1102	0.7271*
2.0	3.0	29.49	6.40	0.2170	0.8984	0.5321	0.8314	1.1474	0.7246*
3.0	4.0	35.76	12.38	0.3462	0.8223	0.9675	1.0082	1.2577	0.8016*
4.0	5.0	55.32	32.21	0.5822	0.6374	1.8559	1.5596	1.5258	1.0222
5.0	6.0	53.89	34.59	0.6419	0.5775	2.8910	1.5193	1.6126	0.9422*
6.0	7.0	58.76	37.19	0.6329	0.5869	3.9030	1.6566	1.5989	1.0361
7.0	8.0	55.28	33.67	0.6091	0.6113	4.8554	1.5585	1.5637	0.9967*
8.0	9.0	56.15	33.85	0.6028	0.6174	5.7926	1.5830	1.5547	1.0182
9.0	10.0	51.47	31.41	0.6103	0.6101	6.7479	1.4511	1.5654	0.9270*
10.0	11.0	63.14	38.43	0.6086	0.6117	7.6992	1.7801	1.5630	1.1389
11.0	12.0	54.80	33.46	0.6106	0.6098	8.6553	1.5450	1.5658	0.9867*
12.0	13.0	54.59	32.55	0.5963	0.6239	9.5767	1.5390	1.5453	0.9959*
13.0	14.0	56.13	33.58	0.5983	0.6220	10.5029	1.5825	1.5482	1.0222
14.0	15.0	53.03	29.81	0.5621	0.6562	11.3453	1.4951	1.4986	0.9977*
15.0	16.0	48.94	26.39	0.5392	0.6767	12.1373	1.3798	1.4687	0.9394*
16.0	18.0	96.27	51.38	0.5337	0.6816	13.6975	1.3571	1.4617	0.9284*
18.0	20.0	101.94	54.30	0.5327	0.6825	15.2533	1.4370	1.4604	0.9840*
20.0	22.0	100.75	54.10	0.5370	0.6787	16.8276	1.4202	1.4658	0.9689*
22.0	24.0	105.08	56.00	0.5329	0.6823	18.3845	1.4813	1.4607	1.0141
24.0	26.0	100.98	53.49	0.5297	0.6851	19.9277	1.4235	1.4567	0.9772*
26.0	28.0	96.90	52.55	0.5423	0.6740	21.5249	1.3659	1.4727	0.9275*
28.0	30.0	97.82	53.89	0.5509	0.6664	23.1598	1.3789	1.4838	0.9293*

TABLE 3A (continued)

EPA-SB-75-38-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	29.11	3.62	0.1244	0.9452	0.1342	0.8207	1.0794	0.7603*
1.0	2.0	33.79	6.12	0.1811	0.9172	0.3371	0.9526	1.1201	0.8505*
2.0	3.0	37.95	7.39	0.1947	0.9102	0.5572	1.0699	1.1303	0.9466*
3.0	4.0	41.88	9.19	0.2194	0.8971	0.8094	1.1807	1.1493	1.0274
4.0	5.0	39.23	9.34	0.2381	0.8869	1.0865	1.1060	1.1640	0.9502*
5.0	6.0	43.31	9.95	0.2297	0.8915	1.3528	1.2210	1.1574	1.0550
6.0	7.0	44.06	10.37	0.2354	0.8884	1.6259	1.2422	1.1618	1.0691
7.0	8.0	37.02	9.19	0.2482	0.8812	1.9169	1.0437	1.1722	0.8904*
8.0	9.0	40.43	10.34	0.2558	0.8770	2.2182	1.1398	1.1784	0.9673*
9.0	10.0	37.17	9.49	0.2553	0.8772	2.5190	1.0479	1.1780	0.8896*
10.0	11.0	41.84	11.79	0.2818	0.8620	2.8572	1.1796	1.2002	0.9829*
11.0	12.0	43.19	13.51	0.3128	0.8433	3.2410	1.2176	1.2272	0.9922*
12.0	13.0	46.20	15.02	0.3251	0.8357	3.6436	1.3025	1.2383	1.0519
13.0	14.0	42.42	14.31	0.3373	0.8280	4.0651	1.1959	1.2495	0.9572*
14.0	15.0	45.19	17.09	0.3782	0.8011	4.5523	1.2740	1.2884	0.9889*
15.0	16.0	45.47	20.81	0.4577	0.7438	5.1800	1.2819	1.3715	0.9347*
16.0	18.0	110.18	57.98	0.5262	0.6881	6.7085	1.5531	1.4523	1.0694
18.0	20.0	100.27	57.00	0.5685	0.6503	8.4219	1.4134	1.5070	0.9379*
20.0	22.0	118.67	72.33	0.6095	0.6108	10.3287	1.6728	1.5643	1.0694
22.0	24.0	122.50	74.79	0.6105	0.6098	12.2406	1.7268	1.5658	1.1029
24.0	26.0	102.98	81.74	0.7937	0.3890	15.2346	1.4516	1.8860	0.7697*
26.0	28.0	105.36	58.88	0.5588	0.6592	16.9046	1.4852	1.4942	0.9940*
28.0	30.0	107.57	62.58	0.5818	0.6379	18.6791	1.5164	1.5251	0.9943*
30.0	35.0	176.01	102.30	0.5812	0.6384	23.1090	0.9924	1.5244	0.6511*
35.0	40.0	153.09	93.76	0.6125	0.6079	27.9123	0.8632	1.5686	0.5503*
40.0	45.0	140.80	84.40	0.5994	0.6208	32.5574	0.7939	1.5498	0.5123*
45.0	50.0	130.35	81.99	0.6290	0.5910	37.5675	0.7350	1.5930	0.4614*

TABLE 3A (continued)

EPA-SB-75-40-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	38.02	5.39	0.1418	0.9368	0.1548	1.0719	1.0916	0.9820*
1.0	2.0	28.53	5.48	0.1921	0.9115	0.3715	0.8043	1.1283	0.7129*
2.0	3.0	40.58	8.89	0.2191	0.8973	0.6232	1.1441	1.1490	0.9957*
3.0	4.0	40.48	9.59	0.2369	0.8875	0.8987	1.1412	1.1631	0.9812*
4.0	5.0	43.27	10.79	0.2494	0.8806	1.1913	1.2199	1.1731	1.0399
5.0	6.0	41.68	10.17	0.2440	0.8836	1.4764	1.1751	1.1688	1.0054
6.0	7.0	41.94	11.01	0.2625	0.8731	1.7872	1.1824	1.1839	0.9987*
7.0	8.0	42.71	12.00	0.2810	0.8624	2.1242	1.2041	1.1995	1.0039
8.0	9.0	43.85	12.38	0.2823	0.8616	2.4632	1.2363	1.2006	1.0297
9.0	10.0	39.50	12.03	0.3046	0.8484	2.8347	1.1136	1.2199	0.9129*
10.0	11.0	44.50	14.39	0.3234	0.8368	3.2346	1.2546	1.2367	1.0145
11.0	12.0	45.40	15.45	0.3403	0.8261	3.6608	1.2800	1.2522	1.0222
12.0	13.0	46.16	16.17	0.3503	0.8196	4.1027	1.3014	1.2615	1.0316
13.0	14.0	47.29	17.74	0.3751	0.8032	4.5849	1.3332	1.2854	1.0372
14.0	15.0	48.29	19.44	0.4026	0.7843	5.1134	1.3614	1.3128	1.0371
15.0	16.0	52.20	23.51	0.4504	0.7494	5.7274	1.4717	1.3634	1.0794
16.0	18.0	96.18	49.58	0.5155	0.6972	7.2110	1.3558	1.4390	0.9422*
18.0	20.0	106.40	59.26	0.5570	0.6609	8.8727	1.4999	1.4917	1.0055
20.0	22.0	113.60	66.09	0.5818	0.6378	10.6472	1.6014	1.5251	1.0500
22.0	24.0	116.42	68.90	0.5918	0.6282	12.4690	1.6411	1.5391	1.0663
24.0	26.0	124.86	72.31	0.5791	0.6404	14.2312	1.7601	1.5215	1.1568
26.0	28.0	131.36	73.12	0.5566	0.6612	15.8915	1.8517	1.4913	1.2417
28.0	30.0	107.52	69.37	0.6452	0.5740	17.9789	1.5156	1.6177	0.9369*
30.0	35.0	140.60	73.50	0.5228	0.6910	21.7636	0.7928	1.4480	0.5475*
35.0	40.0	126.87	72.33	0.5701	0.6488	26.0658	0.7154	1.5092	0.4740*
40.0	45.0	134.09	70.38	0.5249	0.6892	29.8727	0.7561	1.4506	0.5212*
45.0	50.0	116.17	55.26	0.4757	0.7298	33.1831	0.6550	1.3918	0.4706*
50.0	55.0	136.82	62.31	0.4554	0.7455	36.3004	0.7715	1.3690	0.5635*

TABLE 3A (continued)

EPA-SD-75-41-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	21.60	2.20	0.1019	0.9558	0.1084	0.6090	1.0641	0.5723*
1.0	2.0	35.65	6.58	0.1846	0.9154	0.3156	1.0051	1.1226	0.8953*
2.0	3.0	38.13	8.03	0.2106	0.9018	0.5562	1.0750	1.1424	0.9410*
3.0	4.0	39.96	9.07	0.2270	0.8930	0.8184	1.1266	1.1552	0.9752*
4.0	5.0	41.86	11.70	0.2795	0.8633	1.1533	1.1802	1.1982	0.9849*
5.0	6.0	43.46	13.09	0.3012	0.8504	1.5198	1.2253	1.2169	1.0068
6.0	7.0	46.27	12.94	0.2797	0.8632	1.8549	1.3045	1.1983	1.0886
7.0	8.0	43.46	12.85	0.2957	0.8537	2.2133	1.2253	1.2121	1.0109
8.0	9.0	43.01	13.80	0.3209	0.8383	2.6094	1.2126	1.2344	0.9823*
9.0	10.0	41.27	12.63	0.3060	0.8475	2.9831	1.1635	1.2212	0.9528*
10.0	11.0	43.50	13.78	0.3168	0.8409	3.3730	1.2264	1.2307	0.9965*
11.0	12.0	45.62	16.02	0.3512	0.8191	3.8163	1.2862	1.2624	1.0189
12.0	13.0	46.25	16.72	0.3615	0.8123	4.2762	1.3039	1.2722	1.0249
13.0	14.0	49.44	19.91	0.4027	0.7842	4.8049	1.3939	1.3129	1.0616
14.0	15.0	49.92	24.08	0.4824	0.7244	5.4800	1.4074	1.3996	1.0056
15.0	16.0	59.51	32.80	0.5512	0.6661	6.2980	1.6778	1.4841	1.1305
16.0	18.0	115.02	70.01	0.6087	0.6117	8.2008	1.6214	1.5631	1.0373
18.0	20.0	120.87	79.79	0.6601	0.5578	10.3677	1.7038	1.6412	1.0382
20.0	22.0	112.52	74.80	0.6648	0.5527	12.5596	1.5861	1.6486	0.9621*
22.0	24.0	120.29	77.36	0.6431	0.5762	14.6362	1.6957	1.6145	1.0503
24.0	26.0	120.31	80.40	0.6683	0.5488	16.8472	1.6959	1.6543	1.0252
26.0	28.0	116.48	74.48	0.6394	0.5801	18.9047	1.6420	1.6088	1.0206
28.0	30.0	127.91	84.67	0.6619	0.5558	21.0813	1.8031	1.6441	1.0967
30.0	35.0	128.81	89.24	0.6928	0.5207	26.9528	0.7263	1.6950	0.4285*
35.0	40.0	142.88	93.57	0.6549	0.5635	32.2995	0.8056	1.6329	0.4934*
40.0	45.0	167.34	109.22	0.6527	0.5659	37.6169	0.9436	1.6294	0.5791*
45.0	50.0	142.27	87.78	0.6170	0.6033	42.4764	0.8022	1.5752	0.5093*

TABLE 3A (continued)

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LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	39.03	6.10	0.1563	0.9297	0.1722	1.1004	1.1019	0.9986*
1.0	2.0	36.56	8.63	0.2361	0.8880	0.4466	1.0307	1.1624	0.8867*
2.0	3.0	34.68	8.90	0.2566	0.8765	0.7492	0.9777	1.1791	0.8292*
3.0	4.0	55.78	15.51	0.2781	0.8642	1.0820	1.5726	1.1970	1.3138
4.0	5.0	47.42	14.22	0.2999	0.8512	1.4466	1.3369	1.2158	1.0996
5.0	6.0	48.19	14.81	0.3073	0.8467	1.8222	1.3586	1.2223	1.1115
6.0	7.0	47.38	14.89	0.3143	0.8424	2.2083	1.3358	1.2285	1.0873
7.0	8.0	41.03	16.57	0.4039	0.7834	2.7390	1.1568	1.3141	0.8803*
8.0	9.0	51.68	19.86	0.3843	0.7970	3.2364	1.4570	1.2944	1.1256
9.0	10.0	47.00	17.29	0.3679	0.8081	3.7067	1.3251	1.2783	1.0366
10.0	11.0	51.81	20.92	0.4038	0.7834	4.2373	1.4607	1.3140	1.1116
11.0	12.0	63.06	30.74	0.4875	0.7204	4.9224	1.7778	1.4055	1.2649
12.0	13.0	59.49	31.57	0.5307	0.6842	5.6961	1.6772	1.4579	1.1504
13.0	14.0	56.82	30.66	0.5396	0.6764	6.4888	1.6019	1.4692	1.0903
14.0	16.0	53.94	30.19	0.5597	0.6584	8.1627	0.7604	1.4953	0.5085*
16.0	18.0	112.64	66.41	0.5896	0.6304	9.9738	1.5878	1.5359	1.0338
18.0	20.0	112.26	65.30	0.5817	0.6379	11.7479	1.5825	1.5250	1.0377
20.0	22.0	105.68	61.16	0.5787	0.6407	13.5084	1.4897	1.5209	0.9795*
22.0	24.0	109.33	60.97	0.5577	0.6602	15.1732	1.5412	1.4926	1.0325
24.0	26.0	114.77	65.21	0.5682	0.6506	16.8853	1.6178	1.5066	1.0738
26.0	28.0	111.38	63.27	0.5681	0.6507	18.5968	1.5701	1.5065	1.0422
28.0	30.0	104.70	52.36	0.5001	0.7101	20.0174	1.4759	1.4204	1.0391
30.0	35.0	143.12	77.57	0.5420	0.6743	24.0072	0.8070	1.4723	0.5481*
35.0	40.0	105.29	64.23	0.6100	0.6103	28.7808	0.5937	1.5650	0.3793*
40.0	45.0	119.76	79.69	0.6654	0.5520	34.2693	0.6753	1.6497	0.4093*
45.0	50.0	128.11	72.39	0.5651	0.6535	38.5142	0.7224	1.5025	0.4808*

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LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	38.57	5.54	0.1436	0.9359	0.1570	1.0874	1.0929	0.9950*
1.0	2.0	37.18	8.91	0.2396	0.8860	0.4362	1.0482	1.1653	0.8995*
2.0	3.0	36.01	9.07	0.2519	0.8792	0.7322	1.0152	1.1752	0.8639*
3.0	4.0	43.77	11.64	0.2659	0.8712	1.0478	1.2340	1.1868	1.0398
4.0	5.0	41.99	11.84	0.2820	0.8619	1.3863	1.1838	1.2003	0.9863*
5.0	6.0	39.80	11.39	0.2862	0.8594	1.7308	1.1221	1.2039	0.9320*
6.0	7.0	41.99	12.46	0.2967	0.8531	2.0908	1.1838	1.2130	0.9759*
7.0	8.0	45.50	13.91	0.3057	0.8477	2.4640	1.2828	1.2209	1.0507
8.0	9.0	43.09	13.78	0.3198	0.8390	2.8585	1.2148	1.2335	0.9849*
9.0	10.0	46.35	14.91	0.3217	0.8378	3.2558	1.3067	1.2352	1.0580
10.0	11.0	44.77	14.97	0.3344	0.8298	3.6727	1.2622	1.2467	1.0124
11.0	12.0	45.96	16.29	0.3544	0.8169	4.1212	1.2957	1.2655	1.0239
12.0	13.0	42.54	14.70	0.3456	0.8227	4.5556	1.1993	1.2571	0.9540*
13.0	14.0	46.65	16.39	0.3513	0.8189	4.9992	1.3152	1.2625	1.0417
14.0	15.0	44.50	13.59	0.3054	0.8478	5.3719	1.2546	1.2206	1.0278
15.0	16.0	45.16	13.23	0.2930	0.8553	5.7263	1.2732	1.2098	1.0524
16.0	18.0	92.25	31.59	0.3424	0.8247	6.5853	1.3004	1.2542	1.0368
18.0	20.0	94.65	39.04	0.4125	0.7773	7.6767	1.3342	1.3229	1.0085
20.0	22.0	94.43	45.41	0.4809	0.7256	9.0210	1.3311	1.3978	0.9523*
22.0	24.0	112.28	64.21	0.5719	0.6472	10.7499	1.5827	1.5116	1.0471
24.0	26.0	120.37	77.02	0.6399	0.5796	12.8097	1.6968	1.6095	1.0542
26.0	28.0	119.97	81.37	0.6783	0.5375	15.0759	1.6911	1.6706	1.0123
28.0	30.0	124.43	86.58	0.6958	0.5172	17.4418	1.7540	1.7001	1.0317
30.0	35.0	150.99	106.40	0.7047	0.5066	23.4860	0.8514	1.7154	0.4963*
35.0	40.0	149.15	97.99	0.6570	0.5612	28.8608	0.8410	1.6362	0.5140*
40.0	45.0	162.59	101.38	0.6235	0.5966	33.8018	0.9168	1.5849	0.5785*
45.0	50.0	175.82	117.47	0.6681	0.5489	39.3274	0.9914	1.6540	0.5994*

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TABLE 3A (continued)

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	54.62	25.55	0.4513	0.7487	0.6157	1.5963	1.3644	1.1700
1.0	2.0	63.82	47.84	0.7496	0.4501	1.9630	1.7393	1.7974	1.0010
2.0	3.0	81.75	63.69	0.7791	0.4099	3.4087	2.3048	1.8556	1.2421
3.0	4.0	76.11	60.19	0.7508	0.3932	4.8953	2.1458	1.8798	1.1415
4.0	5.0	77.24	62.09	0.8039	0.3741	6.4287	2.1776	1.9075	1.1416
5.0	6.0	84.03	67.97	0.8089	0.3666	7.9804	2.3690	1.9184	1.2349
7.0	8.0	70.39	56.90	0.8084	0.3674	9.5302	1.9845	1.9172	1.0351

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LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	25.08	1.01	0.0403	0.9832	0.0413	0.7071	1.0244	0.6902*
1.0	2.0	37.37	6.15	0.1646	0.9256	0.2236	1.0536	1.1079	0.9509*
2.0	3.0	37.50	7.44	0.1984	0.9082	0.4484	1.0572	1.1330	0.9331*
3.0	4.0	37.56	8.36	0.2226	0.8954	0.7047	1.0589	1.1517	0.9194*
4.0	5.0	37.49	8.97	0.2393	0.8862	0.9835	1.0569	1.1650	0.9073*
5.0	6.0	38.51	10.05	0.2610	0.8740	1.2921	1.0857	1.1827	0.9180*
6.0	7.0	44.09	12.50	0.2835	0.8609	1.6328	1.2430	1.2016	1.0345
7.0	8.0	34.69	10.33	0.2978	0.8525	1.9943	0.9780	1.2139	0.8056*
8.0	9.0	39.28	11.97	0.3047	0.8482	2.3660	1.1074	1.2200	0.9077*
9.0	10.0	42.93	13.23	0.3082	0.8462	2.7430	1.2103	1.2231	0.9896*
10.0	11.0	45.16	14.72	0.3260	0.8352	3.1468	1.2732	1.2390	1.0276
11.0	12.0	46.98	17.69	0.3765	0.8022	3.6313	1.3245	1.2868	1.0293
12.0	13.0	43.90	16.18	0.3686	0.8076	4.1027	1.2377	1.2790	0.9677*
13.0	14.0	45.15	18.67	0.4135	0.7765	4.6502	1.2729	1.3240	0.9614*
14.0	15.0	42.63	16.71	0.3920	0.7917	5.1606	1.2019	1.3021	0.9230*
15.0	16.0	56.67	29.06	0.5128	0.6995	5.8968	1.5977	1.4357	1.1128
16.0	18.0	106.98	61.65	0.5763	0.6430	7.6459	1.5080	1.5176	0.9937*
18.0	20.0	108.84	62.41	0.5734	0.6457	9.3819	1.5343	1.5137	1.0136
20.0	22.0	112.31	68.12	0.6065	0.6138	11.2743	1.5832	1.5600	1.0149
22.0	24.0	124.16	72.18	0.5813	0.6383	13.0468	1.7502	1.5245	1.1480
24.0	26.0	127.09	73.99	0.5822	0.6375	14.8233	1.7915	1.5257	1.1742
26.0	28.0	121.50	72.67	0.5981	0.6221	16.6750	1.7127	1.5479	1.1064
28.0	30.0	128.48	73.55	0.5725	0.6466	18.4066	1.8111	1.5124	1.1975
30.0	35.0	168.04	117.16	0.6972	0.5955	24.3417	0.9475	1.7025	0.5565*
35.0	40.0	150.56	109.26	0.7257	0.4808	30.7017	0.8489	1.7528	0.4843*
40.0	45.0	121.80	87.51	0.7185	0.4898	36.9516	0.6868	1.7398	0.3947*
45.0	50.0	125.28	90.10	0.7192	0.4889	43.2124	0.7064	1.7411	0.4157*

TABLE 3A (continued)

EPA-SB-75-49-1

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	23.58	3.97	0.1684	0.9237	0.1870	0.6648	1.1107	0.5985*
1.0	2.0	24.43	7.37	0.3017	0.8501	0.5542	0.6888	1.2174	0.5658*
2.0	3.0	34.96	9.31	0.2663	0.8710	0.8704	0.9856	1.1871	0.8303*
3.0	4.0	39.11	10.91	0.2790	0.8636	1.2045	1.1026	1.1977	0.9206*
4.0	5.0	40.21	11.47	0.2853	0.8599	1.5477	1.1336	1.2031	0.9423*
5.0	6.0	44.78	13.16	0.2939	0.8548	1.9034	1.2625	1.2106	1.0429
6.0	7.0	43.87	13.76	0.3137	0.8428	2.2886	1.2368	1.2279	1.0072
7.0	8.0	44.66	14.69	0.3289	0.8333	2.6970	1.2591	1.2417	1.0140
8.0	9.0	44.40	15.13	0.3408	0.8258	3.1239	1.2518	1.2526	0.9993*
9.0	10.0	46.37	17.11	0.3690	0.8073	3.5960	1.3073	1.2794	1.0218
10.0	11.0	50.33	18.54	0.3684	0.8077	4.0670	1.4189	1.2788	1.1096
11.0	12.0	49.31	18.36	0.3723	0.8051	4.5446	1.3902	1.2826	1.0838
12.0	13.0	45.04	17.20	0.3819	0.7986	5.0380	1.2698	1.2920	0.9828*
13.0	14.0	48.30	18.69	0.3870	0.7951	5.5399	1.3617	1.2970	1.0499
14.0	15.0	43.76	17.19	0.3928	0.7911	6.0517	1.2337	1.3029	0.9469*
15.0	16.0	45.53	18.39	0.4039	0.7833	6.5825	1.2836	1.3141	0.9768*
16.0	18.0	86.08	36.05	0.4188	0.7727	7.6361	1.2134	1.3295	0.9127*
18.0	20.0	89.88	50.86	0.5659	0.6527	9.3977	1.2670	1.5035	0.8427*
20.0	22.0	87.89	34.79	0.3958	0.7890	10.4316	1.2389	1.3059	0.9487*
22.0	24.0	99.23	48.90	0.4928	0.7160	11.8230	1.3988	1.4117	0.9908*
24.0	26.0	88.80	34.37	0.3870	0.7951	12.8271	1.2518	1.2971	0.9650*
26.0	28.0	104.39	59.92	0.5740	0.6452	14.5657	1.4715	1.5145	0.9716*
28.0	30.0	127.79	87.09	0.6815	0.5338	16.8502	1.8014	1.6760	1.0748
30.0	35.0	140.05	102.17	0.7295	0.4760	23.2693	0.7897	1.7598	0.4487*
35.0	40.0	174.31	124.89	0.7165	0.4923	29.4892	0.9829	1.7362	0.5661*
40.0	45.0	141.10	103.38	0.7327	0.4720	35.9572	0.7956	1.7656	0.4506*

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TABLE 3A (continued)

LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	42.48	5.49	0.1292	0.9429	0.1399	1.1976	1.0828	1.1060
1.0	2.0	36.29	6.43	0.1772	0.9192	0.3379	1.0231	1.1171	0.9158*
2.0	3.0	37.97	6.97	0.1836	0.9159	0.5438	1.0705	1.1219	0.9542*
3.0	4.0	33.99	6.40	0.1883	0.9135	0.7557	0.9583	1.1254	0.8515*
4.0	5.0	41.81	8.41	0.2011	0.9068	0.9841	1.1787	1.1351	1.0384
5.0	6.0	42.26	8.98	0.2125	0.9008	1.2271	1.1914	1.1439	1.0416
6.0	7.0	60.31	13.33	0.2210	0.8962	1.4814	1.7003	1.1505	1.4779
7.0	8.0	47.34	11.07	0.2338	0.8892	1.7528	1.3346	1.1606	1.1499
8.0	9.0	46.71	11.25	0.2408	0.8854	2.0337	1.3169	1.1662	1.1292
9.0	10.0	44.65	11.03	0.2470	0.8819	2.3230	1.2588	1.1712	1.0748
10.0	11.0	47.34	11.75	0.2482	0.8812	2.6140	1.3346	1.1722	1.1386
11.0	12.0	43.61	11.06	0.2536	0.8782	2.9124	1.2295	1.1766	1.0449
12.0	13.0	47.59	12.46	0.2618	0.8735	3.2222	1.3417	1.1834	1.1338
13.0	14.0	43.68	12.09	0.2768	0.8649	3.5532	1.2315	1.1959	1.0297
14.0	16.0	88.69	26.46	0.2983	0.8521	4.2778	1.2502	1.2144	1.0295
16.0	18.0	85.62	28.77	0.3360	0.8288	5.1167	1.2069	1.2482	0.9669*
18.0	20.0	101.10	41.40	0.4095	0.7794	6.1977	1.4251	1.3199	1.0798
20.0	22.0	95.05	41.97	0.4416	0.7560	7.3932	1.3399	1.3538	0.9897*
22.0	24.0	97.95	44.37	0.4530	0.7474	8.6310	1.3807	1.3663	1.0106
24.0	26.0	58.42	31.56	0.5402	0.6759	10.2193	0.8235	1.4700	0.5602*
26.0	28.0	103.99	52.45	0.5044	0.7065	11.6573	1.4659	1.4255	1.0283
28.0	30.0	120.33	75.30	0.6258	0.5943	13.6450	1.6962	1.5882	1.0680
30.0	35.0	178.61	125.78	0.7042	0.5072	19.6823	1.0071	1.7146	0.5874*
35.0	40.0	160.87	118.34	0.7356	0.4682	26.1965	0.9071	1.7711	0.5122*
40.0	45.0	179.77	137.00	0.7621	0.4334	33.1376	1.0136	1.8216	0.5565*

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LEVEL		WET	DRY	FDW	POR	G/CM2	RHOB1	RHOB2	RB1/RB2
0.0	1.0	61.01	39.68	0.6504	0.5684	1.0574	1.7200	1.6258	1.0580
1.0	2.0	46.77	33.38	0.7137	0.4957	2.2930	1.3186	1.7313	0.7616*
2.0	3.0	59.98	37.96	0.6329	0.5870	3.3049	1.6910	1.5989	1.0576
3.0	4.0	64.16	44.02	0.6861	0.5285	4.4601	1.8089	1.6837	1.0744
4.0	5.0	69.59	50.02	0.7188	0.4894	5.7110	1.9619	1.7403	1.1273
5.0	6.0	65.96	50.70	0.7686	0.4284	7.1211	1.8596	1.8346	1.0136
6.0	7.0	68.40	54.28	0.7936	0.3892	8.6175	1.9284	1.8856	1.0227
7.0	8.0	46.21	37.08	0.8024	0.3763	10.1456	1.3029	1.9044	0.6841*

Key to Tables 4A. and 6A.

STATION: The station number is listed in a different manner from the chemical and radiochemical data, i.e. SGB 01 as compared to EPA-SB-75-1. The collection date 22 IV 75 follows the station number. In Table 6A. the depth below the sediment water interface is included in the station number SGB 7C2-3 refers to station EPA-SB-75-7 and the 2-3 cm interval.

GRAVEL, SAND, SILT, AND CLAY: The weight per cent of sediment in each of the descriptive sediment size classes. The descriptive size classes with the corresponding particle sizes in phi units and millimeter diameters are given below.*

MEAN, STANDARD DEVIATION: The mean grain size and standard deviation of the mean in phi units.

FOLKS TEXTURAL DESCRIPTION: A description of the sediment based on the weight percent of the sediment type. (See Folk, J. Geol. 62:399 (1954)). The degree of sorting is based on the standard deviation, see below.

RELATIONSHIP BETWEEN SORTING
and the
STANDARD DEVIATION

SORTING	STANDARD DEVIATION (phi units)
well sorted	0.0 - 0.5
moderately sorted	0.5 - 1.0
poorly sorted	1 - 2
very poorly sorted	2 - 4

* Wentworth Grade Scale for Sediment Particles

Phi Unit[1]	Grade	Particle Diameter (mm)	Particle Diameter (µm)	
-6		64.00	64000	(-- GRAVEL -----)
	very coarse gravel			
-5		32.00	32000	
	coarse gravel			
-4		16.00	16000	
	medium gravel			
-3		8.00	8000	
	fine gravel			
-2		4.00	4000	
	very fine gravel			
-1		2.00	2000	
	very coarse sand			(-- SAND -----)
0		1.00	1000	
	coarse sand			
1		0.50	500	
	medium sand			
2		0.25	250	
	fine sand			
3		0.125	125	
	very fine sand			
4		0.0625	62.5	(---- SILT ----)
	coarse silt			
5		0.0313	31.3	
	medium silt			
6		0.0156	15.6	
	fine silt			
7		0.0078	7.8	
	very fine silt			
8		0.00391	3.91	(-- CLAY --)
	coarse clay			
9		0.00195	1.95	
	medium clay			
10		0.00098	0.98	
	fine clay			

[1] Phi unit = $-\log_2$(diameter of particle in mm)

TABLE 4A
Grain Size of Surficial Sediments: General Characteristics

STATION NUMBER	GRAVEL	SAND	SILT	CLAY	TOTAL	MEAN	STANDARD DEVIATION	FOLKS TEXTURAL DESCRIPTION
SGB 01 22 IV 75	0.00	57.52	23.70	18.78	100.00	4.908	2.504	very poorly sorted muddy sand
SGB 02 22 IV 75	0.00	65.43	17.98	16.58	100.00	4.739	2.351	very poorly sorted muddy sand
SGB 03 22 IV 75	3.61	96.39	0.00	0.00	100.00	1.440	0.945	moderately sorted slightly gravelly sand
SGB 04 22 IV 75	4.14	95.86	0.00	0.00	100.00	1.313	1.082	moderately sorted slightly gravelly sand
SGB 05 22 IV 75	0.00	23.93	40.70	35.37	100.00	6.455	2.460	very poorly sorted sandy mud
SGB 06 22 IV 75	0.00	42.77	30.63	26.60	100.00	5.643	2.487	very poorly sorted sandy mud
SGB 07 22 IV 75	0.00	12.22	42.95	44.82	100.00	7.128	2.270	very poorly sorted sandy mud
SGB 08 22 IV 75	0.04	99.96	0.00	0.00	100.00	1.881	0.602	moderately sorted sand
SGB 09 22 IV 75	0.34	99.66	0.00	0.00	100.00	2.272	0.623	moderately sorted slightly gravelly sand
SGB 10 22 IV 75	0.00	20.75	43.54	35.71	100.00	6.522	2.398	very poorly sorted sandy mud
SGB 11 22 IV 75	0.00	33.85	36.69	29.46	100.00	5.870	2.570	very poorly sorted sandy mud
SGB 12 22 IV 75	0.00	29.61	37.47	32.92	100.00	6.200	2.494	very poorly sorted sandy mud
SGB 13 22 IV 75	0.05	83.59	7.93	8.43	100.00	3.098	2.273	poorly sorted muddy sand
SGB 14 22 IV 75	0.00	100.00	0.00	0.00	100.00	2.069	0.630	moderately sorted sand
SGB 15 22 IV 75	0.00	41.26	32.73	26.01	100.00	5.626	2.460	very poorly sorted sandy mud
SGB 16 22 IV 75	0.00	36.92	36.31	26.77	100.00	5.779	2.424	very poorly sorted sandy mud
SGB 17 22 IV 75	0.00	32.28	39.43	28.29	100.00	5.920	2.434	very poorly sorted sandy mud
SGB 18 22 IV 75	0.00	17.21	46.32	36.46	100.00	6.644	2.303	very poorly sorted sandy mud
SGB 19 22 IV 75	0.00	94.49	3.16	2.35	100.00	2.468	1.393	moderately poorly sorted sand
SGB 20 22 IV 75	0.07	99.93	0.00	0.00	100.00	1.917	0.642	moderately sorted sand
SGB 21 22 IV 75	0.00	43.19	32.82	23.99	100.00	5.335	2.640	very poorly sorted sandy mud
SGB 22 22 IV 75	0.00	43.75	32.59	23.66	100.00	5.485	2.411	very poorly sorted sandy mud
SGB 23 22 IV 75	0.00	42.34	33.91	23.74	100.00	5.552	2.388	very poorly sorted sandy mud
SGB 24 22 IV 75	0.00	34.48	36.72	28.80	100.00	5.906	2.472	very poorly sorted sandy mud
SGB 25 22 IV 75	0.00	12.30	44.39	43.31	100.00	7.059	2.248	very poorly sorted sandy mud
SGB 26 22 IV 75	1.48	98.52	0.00	0.00	100.00	1.814	0.954	moderately poorly sorted slightly gravelly sand
SGB 27 22 IV 75	33.72	66.28	0.00	0.00	100.00	0.006	2.296	very poorly sorted sandy gravel
SGB 28 22 2V 75	0.00	44.99	31.86	23.15	100.00	5.436	2.426	very poorly sorted sandy mud
SGB 29 22 IV 75	0.00	43.86	32.96	23.17	100.00	5.520	2.407	very poorly sorted sandy mud
SGB 30 22 IV 75	0.00	40.94	33.97	25.09	100.00	5.631	2.400	very poorly sorted sandy mud
SGB 31 22 IV 75	0.00	29.76	38.15	32.09	100.00	6.182	2.455	very poorly sorted sandy mud

TABLE 4A (continued)

SGB	32	22	IV	75	0.00	56.36	23.21	20.43	100.00	4.704	2.791	very poorly sorted muddy sand
SGB	33	22	IV	75	0.03	99.97	0.00	0.00	100.00	2.482	0.525	moderately sorted sand
SGB	34	22	IV	75	0.00	38.48	35.94	25.58	100.00	5.689	2.394	very poorly sorted sandy mud
SGB	35	22	IV	75	0.00	33.17	38.76	28.07	100.00	5.948	2.411	very poorly sorted sandy mud
SGB	36	22	IV	75	0.00	39.10	34.25	26.65	100.00	5.747	2.422	very poorly sorted sandy mud
SGB	37	22	IV	75	0.00	33.20	38.21	28.59	100.00	5.986	2.466	very poorly sorted sandy mud
SGB	38	22	IV	75	0.00	15.37	46.12	38.51	100.00	6.726	2.316	very poorly sorted sandy mud
SGB	39	22	IV	75	0.00	52.84	27.33	19.83	100.00	4.578	2.929	very poorly sorted muddy sand
SGB	40	22	IV	75	0.00	22.57	45.28	32.15	100.00	6.320	2.338	very poorly sorted sandy mud
SGB	41	22	IV	75	0.00	27.23	40.85	31.92	100.00	6.209	2.419	very poorly sorted sandy mud
SGB	42	22	IV	75	0.00	33.33	37.58	29.09	100.00	5.996	2.468	very poorly sorted sandy mud
SGB	43	22	IV	75	0.00	46.37	37.95	15.68	100.00	5.084	2.095	poorly sorted sandy silt
SGB	44	22	IV	75	0.00	50.28	29.10	20.62	100.00	5.271	2.385	very poorly sorted muddy sand
SGB	45	22	IV	75	0.25	99.75	0.00	0.00	100.00	1.780	0.769	moderately sorted slightly gravelly sand
SGB	46	22	IV	75	0.00	39.04	35.70	25.26	100.00	5.711	2.411	very poorly sorted sandy mud
SGB	47	22	V	75	0.00	28.45	43.01	28.54	100.00	6.050	2.341	very poorly sorted sandy mud
SGB	48	22	IV	75	0.00	31.71	39.61	28.68	100.00	5.978	2.401	very poorly sorted sandy mud
SGB	49	22	IV	75	0.00	45.80	32.47	21.73	100.00	5.384	2.329	very poorly sorted sandy mud
SGB	50	22	IV	75	0.00	25.26	41.38	33.36	100.00	6.357	2.408	very poorly sorted sandy mud
SGB	51	22	IV	75	0.04	78.32	11.94	9.70	100.00	3.570	2.287	very poorly sorted muddy sand
SGB	52	22	IV	75	0.00	63.01	21.93	15.06	100.00	4.695	2.281	very poorly sorted muddy sand
SGB	53	22	IV	75	0.00	91.65	4.93	3.42	100.00	3.186	1.437	moderately poorly sorted sand
SGB	54	22	IV	75	0.00	77.19	13.74	9.07	100.00	3.904	2.033	poorly sorted muddy sand
SGB	55	22	IV	75	0.00	83.83	9.43	6.74	100.00	3.754	1.764	poorly sorted muddy sand
SGB	56	22	IV	75	0.00	100.00	0.00	0.00	100.00	1.931	0.623	moderately sorted sand
SGB	57	22	IV	75	0.16	99.84	0.00	0.00	100.00	1.848	0.815	moderately poorly sorted slightly gravelly sand
SGB	58	22	IV	75	0.12	24.29	49.61	25.97	100.00	5.976	2.483	moderately poorly sorted slightly gravelly sandy mud
SGB	59	22	IV	75	0.43	84.06	11.63	3.88	100.00	3.392	1.677	poorly sorted slightly gravelly muddy sand
SGB	60	22	IV	75	0.25	29.32	36.95	33.47	100.00	5.914	3.037	very poorly sorted slightly gravelly sandy mud
SGB	61	22	IV	75	29.50	23.06	29.81	17.64	100.00	3.086	4.528	extremely poorly sorted gravelly mud
SGB	62	22	IV	75	0.00	83.24	11.81	4.95	100.00	3.970	1.441	moderately poorly sorted silty sand
SGB	63	22	IV	75	1.76	63.01	18.90	16.33	100.00	3.929	3.035	very poorly sorted slightly gravelly muddy sand

Key to Tables 5A. and 7A.

SAMPLE NO.: Sample number refers to the station number at date of collection. In Table 7A. the sample number includes the depth interval in centimeters i.e. C4-5 indicating the section of the core 4-5 cm below the sediment-water interface.

The statistical interpretation of the grain size data is based on the histogram and the cumulative curve presented in the table. The grain size is given in phi units (phi = $-\log_2$(diameter in mm)).

MOMENT MEASURE STATISTICS

SKEWNESS: Skewness is calculated from the THIRD MOMENT M_3 by the formula $Sk = M_3/2\sigma^3$ where σ is the STANDARD DEVIATION. Skewness is a measure of the asymmetry of the size distribution with respect to the mean. A positive Sk indicates that the distribution has a longer tail in the direction of the fine particles.

KURTOSIS: Kurtosis is calculated from the FOURTH MOMENT M_4 using the formula $K = (M_4/\sigma^4) -3$. Kurtosis is a measure of the peakedness of the distribution relative to the length and size of its tails. A distribution that is relatively flat and has short tails has low kurtosis and is PLATYKURTIC whereas a distribution with a sharp peak and long tapering tails is LEPTOKURTIC. A normal distribution is MESOKURTIC. For the calculation of moments see Griffiths, Scientific Method in Analysis of Sediments; McGraw-Hill Book Co., New York, 1967, pp. 87-92.

FOLKS STATISTICS: Folk's method (Folk and Ward, J. Sed. Petrol. 27:3 (1957)) of calculating grain size parameters are based on the cumulative curve using the phi (P) values at various percentiles.

MZ: The mean size calculated from the phi (P) values at the 16th, 50th, and 84th percentile using the formula MZ = (P16 + P50 + P84) ÷ 3

SORTING: Calculated from the formula ((P84 - P16) ÷ 4) + ((P95 - P5) ÷ 6.6)

Key to Tables 5A. and 7A. Continued.

SKEWNESS:	((P16 + P84 - 2*P50) ÷ 2*(P84 - P16)) + ((P5 + P95 -2*P50) ÷ 2 (P95 - P5))
KURTOSIS:	(P95 - P5) ÷ 2.44*(P75 - P25)
INMANS STATISTICS:	Inman's statistics (Inman, J. Sed. Petrol. 22:125 (1952)) also are calculated from the cumulative curve using phi (P) values at various percentiles.
MPHI:	Mean grain size calculated using the formula MPHI = 0.5*(P84 + P16)
SIGMA PHI:	A measure of deviation from the normal distribution: 0.5*(P84 - P16)
SKEWNESS:	(P84 + P16 - 2*P50) ÷ (P84 - P16)
K6:	Kurtosis calculated from the formula (P95 - P5 - P84 + P16) ÷ (P84 - P16)
ALPH TWO PHI:	The skewness of the tails of the distribution calculated from the formula (P5 + P95 - 2*P50) ÷ (P84 - P16)

TABLE 5A Grain Size of Surficial Sediments: Detailed Characteristics

SAMPLE NO. SGB 01 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 4.908 VARIANCE = 0.62709E+01 STANDARD DEVIATION = 2.504
SKEWNESS = 0.392 KURTOSIS = -0.643 THIRD MOMENT = 0.12311E+02 FOURTH MOMENT = 0.92676E+02

CALCULATION OF FOLKS STATISTICS

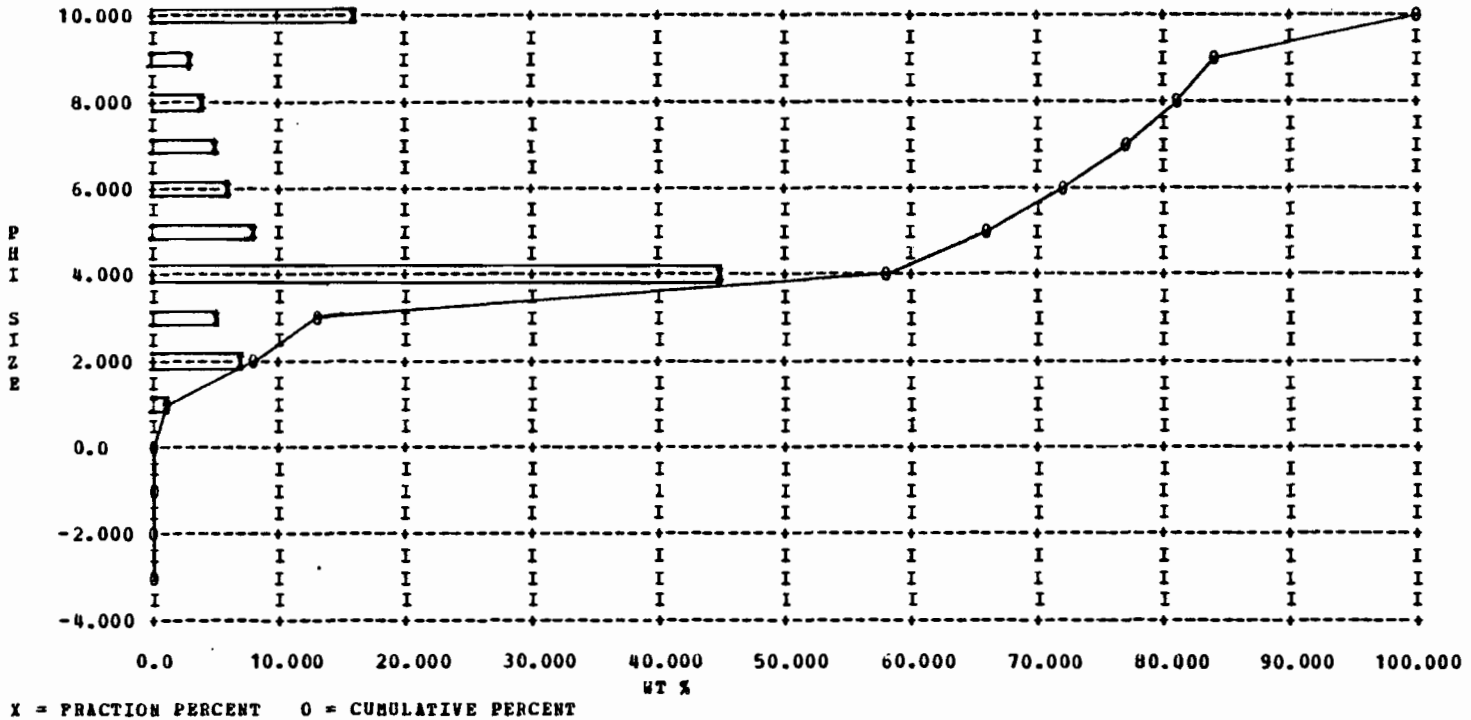
MZ = 5.292 SORTING = 2.578 SKEWNESS = 0.594 KURTOSIS = 0.950

FOLKS TEXTURAL DESCRIPTION

MUDDY SAND
VERY POORLY SORTED
MESOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.017 SIGMA PHI = 2.905 SKEWNESS = 0.743
KG (INMAN)= 0.278 ALPHA TWO PHI = 0.568



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

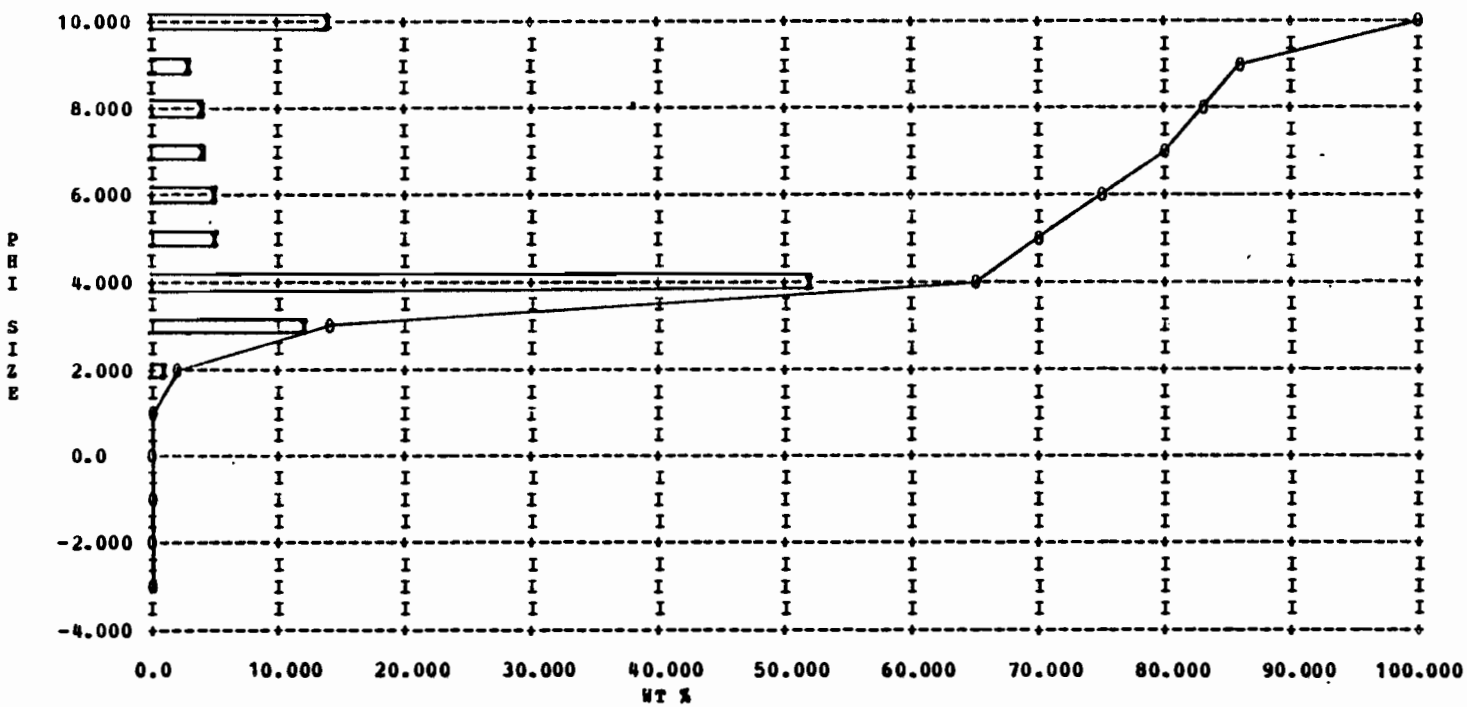
SAMPLE NO. SGB 02 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.739 VARIANCE = 0.55276E+01 STANDARD DEVIATION = 2.351
SKEWNESS = 0.553 KURTOSIS = -0.233 THIRD MOMENT = 0.14364E+02 FOURTH MOMENT = 0.84536E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.989 SORTING = 2.298 SKEWNESS = 0.683 KURTOSIS = 1.049

FOLKS TEXTURAL DESCRIPTION
MUDDY SAND
VERY POORLY SORTED
MESOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.625 SIGMA PHI = 2.559 SKEWNESS = 0.739
KG (INMAN)= 0.313 ALPHA TWO PHI = 0.822



I = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

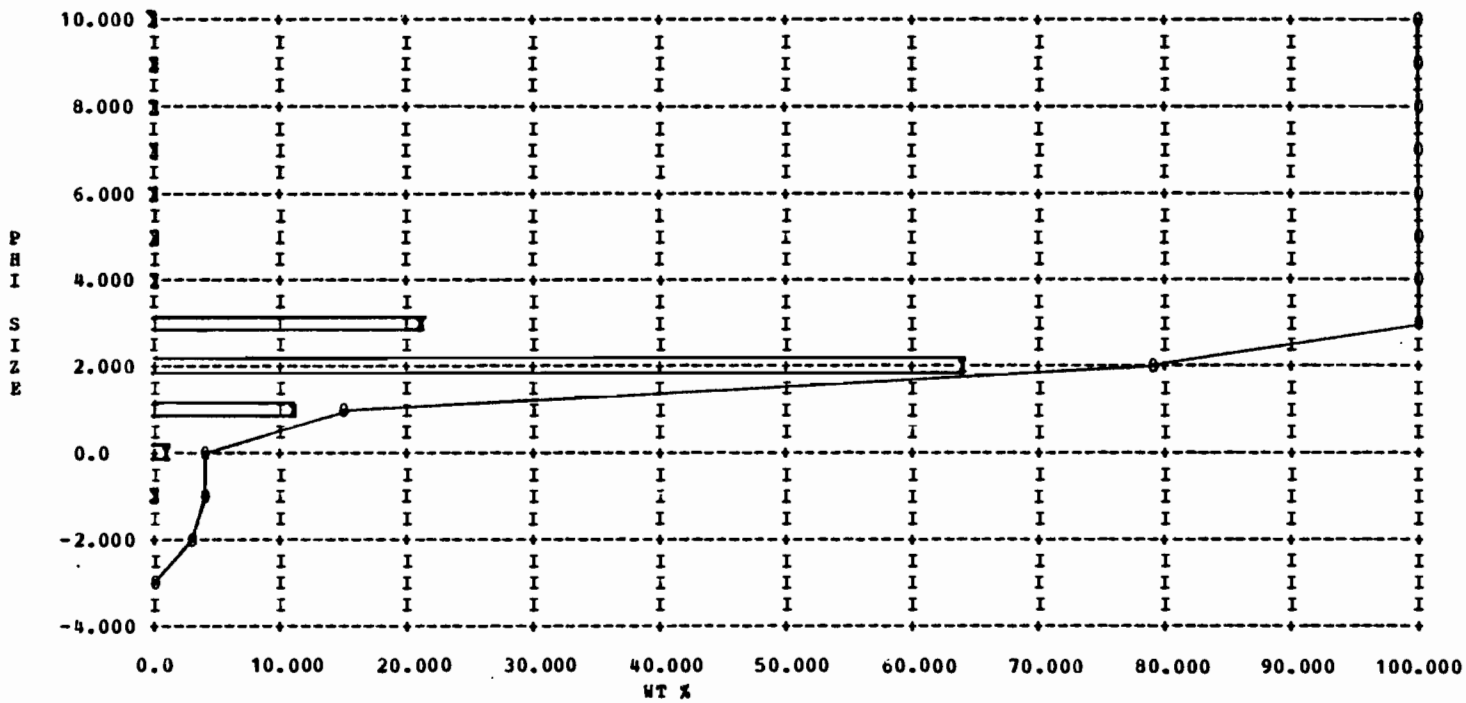
SAMPLE NO. SGB 03 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 1.440 VARIANCE = 0.89375E+00 STANDARD DEVIATION = 0.945
SKEWNESS = -1.169 KURTOSIS = 7.701 THIRD MOMENT =-0.19760E+01 FOURTH MOMENT = 0.85479E+01

CALCULATION OF FOLKS STATISTICS
MZ = 1.542 SORTING = 0.595 SKEWNESS = -0.177 KURTOSIS = 1.229

FOLKS TEXTURAL DESCRIPTION
SLIGHTLY GRAVELLY SAND
MODERATELY SORTED
LEPTOKURTIC
COARSE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 1.538 SIGMA PHI = 0.524 SKEWNESS = -0.030
KG (INMAN)= 1.095 ALPHA TWO PHI =-0.679



I = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 04 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 1.313 VARIANCE = 0.11702E+01 STANDARD DEVIATION = 1.082

SKEWNESS = -1.662 KURTOSIS = 12.265 THIRD MOMENT =-0.42089E+01 FOURTH MOMENT = 0.20903E+02

CALCULATION OF FOLKS STATISTICS

MZ = 1.477 SORTING = 0.545 SKEWNESS = -0.191 KURTOSIS = 1.573

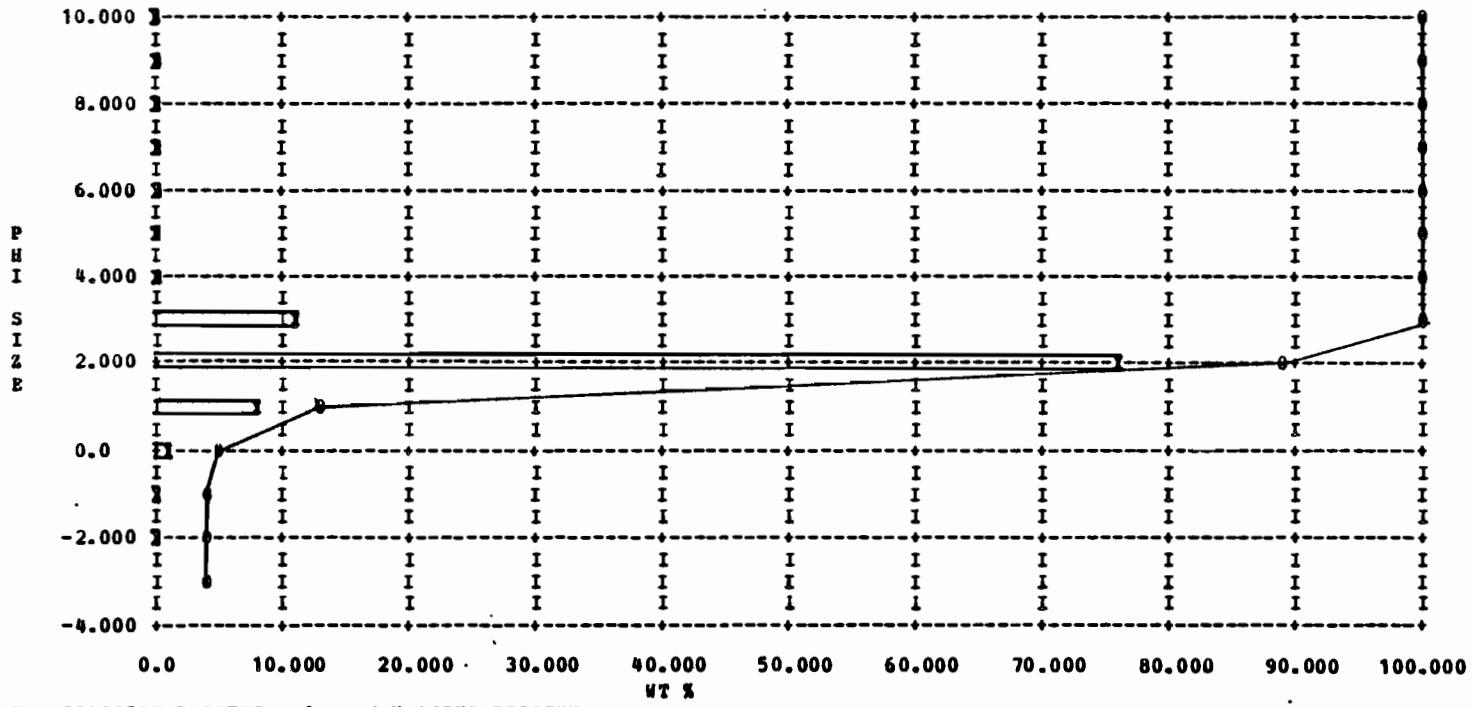
FOLKS TEXTURAL DESCRIPTION

SLIGHTLY GRAVELLY SAND
MODERATELY SORTED
VERY LEPTOKURTIC
COARSE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 1.479 SIGMA PHI = 0.423 SKEWNESS = -0.000

KG (INMAN)= 1.602 ALPHA TWO PHI =-0.996



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 05 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 6.455 VARIANCE = 0.60532E+01 STANDARD DEVIATION = 2.460
SKEWNESS = 0.012 KURTOSIS = -1.509 THIRD MOMENT = 0.35310E+00 FOURTH MOMENT = 0.54622E+02

CALCULATION OF FOLKS STATISTICS

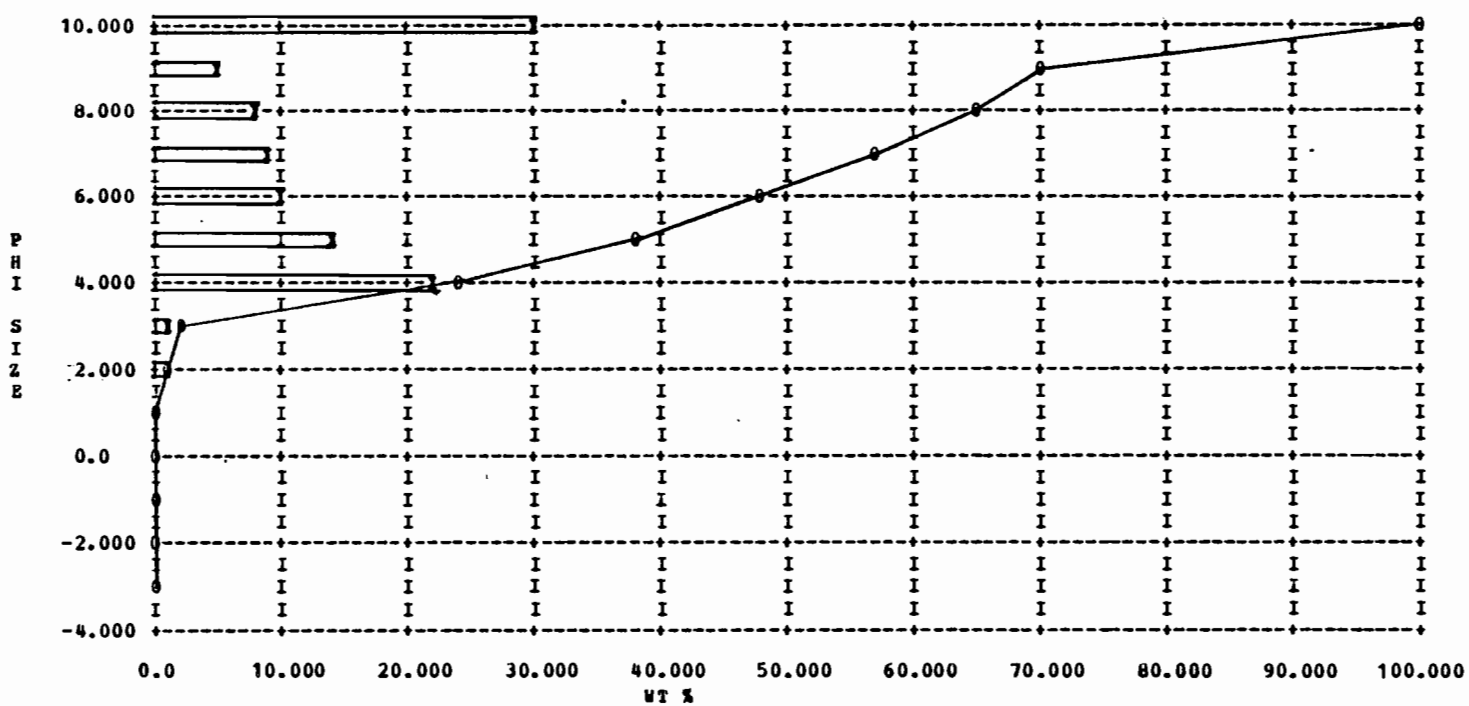
MZ = 6.379 SORTING = 2.248 SKEWNESS = 0.063 KURTOSIS = 0.497

FOLKS TEXTURAL DESCRIPTION

SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
NEAR SYMMETRICAL

CALCULATION OF INMANS STATISTICS

M PHI = 6.467 SIGMA PHI = 2.674 SKEWNESS = 0.091
KG (INMAN)= 0.124 ALPHA TWO PHI = 0.039



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

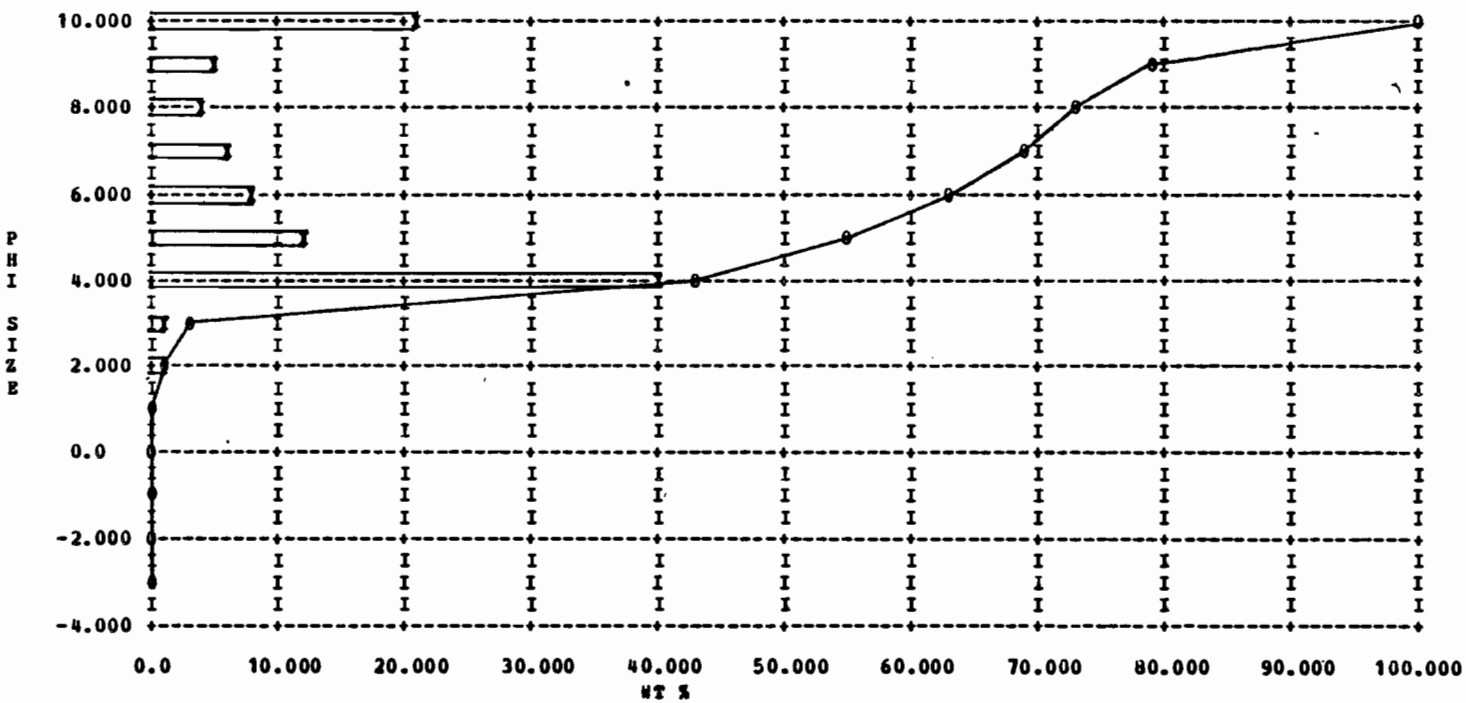
SAMPLE NO. SGB 06 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.643 VARIANCE = 0.61852E+01 STANDARD DEVIATION = 2.487
SKEWNESS = 0.269 KURTOSIS = -1.281 THIRD MOMENT = 0.82693E+01 FOURTH MOMENT = 0.65756E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.724 SORTING = 2.311 SKEWNESS = 0.574 KURTOSIS = 0.547

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.299 SIGMA PHI = 2.767 SKEWNESS = 0.617
KG (INMAN) = 0.106 ALPHA TWO PHI = 0.587



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

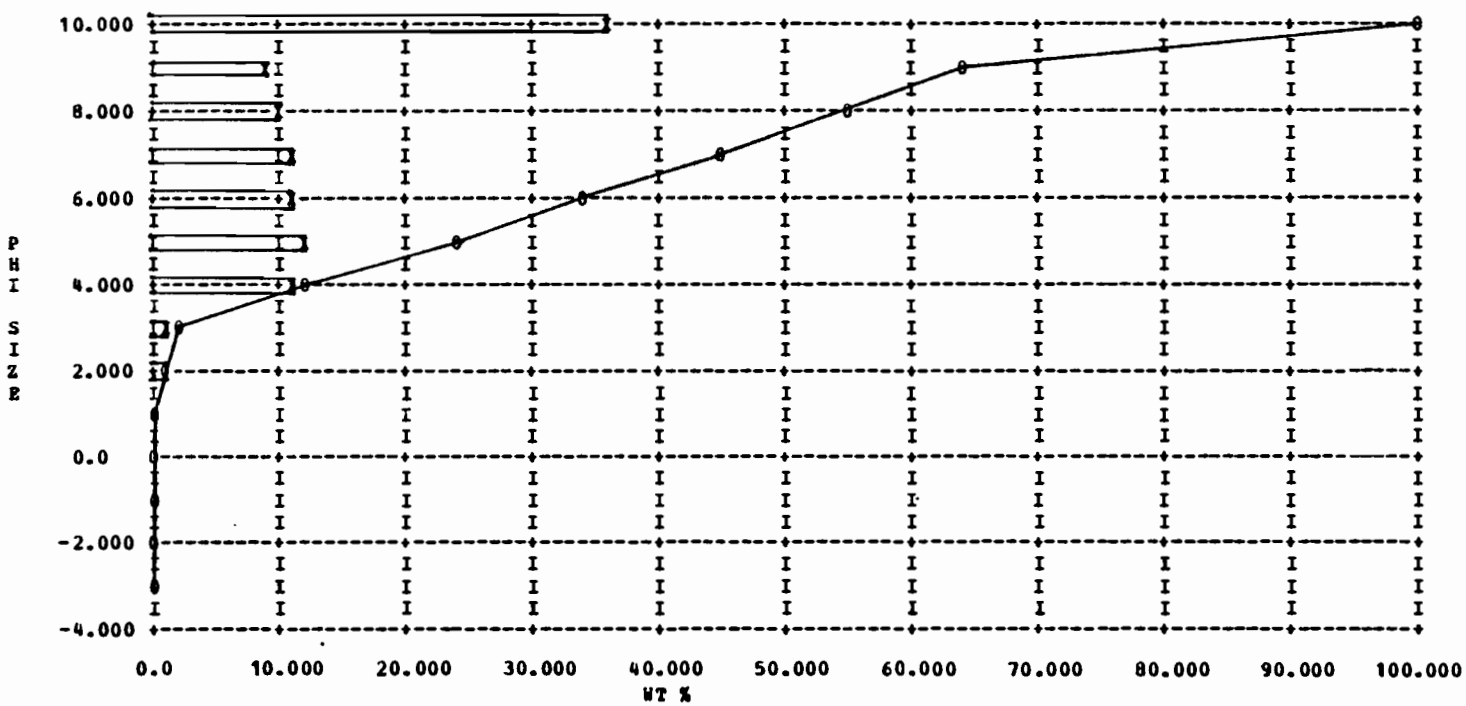
SAMPLE NO. SGB 07 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 7.128 VARIANCE = 0.51538E+01 STANDARD DEVIATION = 2.270
SKEWNESS = -0.209 KURTOSIS = -1.163 THIRD MOMENT =-0.49010E+01 FOURTH MOMENT = 0.48799E+02

CALCULATION OF FOLKS STATISTICS
MZ = 7.006 SORTING = 2.087 SKEWNESS = -0.324 KURTOSIS = 0.604

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY COARSE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.779 SIGMA PHI = 2.403 SKEWNESS = -0.293
KG (INMAN)= 0.217 ALPHA TWO PHI =-0.433



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

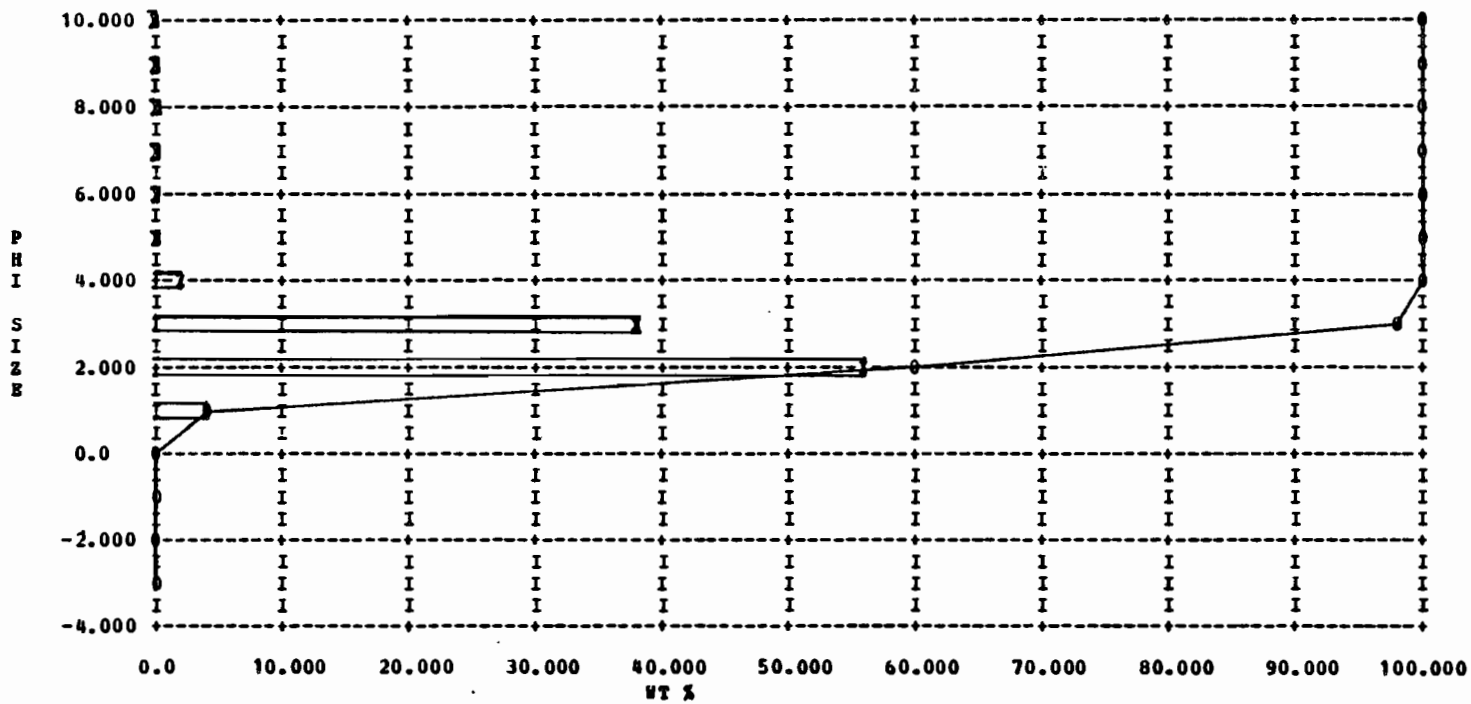
SAMPLE NO. SGB 08 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 1.881 VARIANCE = 0.36196E+00 STANDARD DEVIATION = 0.602
SKEWNESS = 0.025 KURTOSIS = 0.374 THIRD MOMENT = 0.10864E-01 FOURTH MOMENT = 0.44202E+00

CALCULATION OF FOLKS STATISTICS
MZ = 1.890 SORTING = 0.515 SKEWNESS = 0.047 KURTOSIS = 1.013

FOLKS TEXTURAL DESCRIPTION
SAND
MODERATELY SORTED
MESOKURTIC
NEAR SYMMETRICAL

CALCULATION OF INMANS STATISTICS
M PHI = 1.899 SIGMA PHI = 0.513 SKEWNESS = 0.044
KG (INMAN)= 0.664 ALPHA TWO PHI = 0.082



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

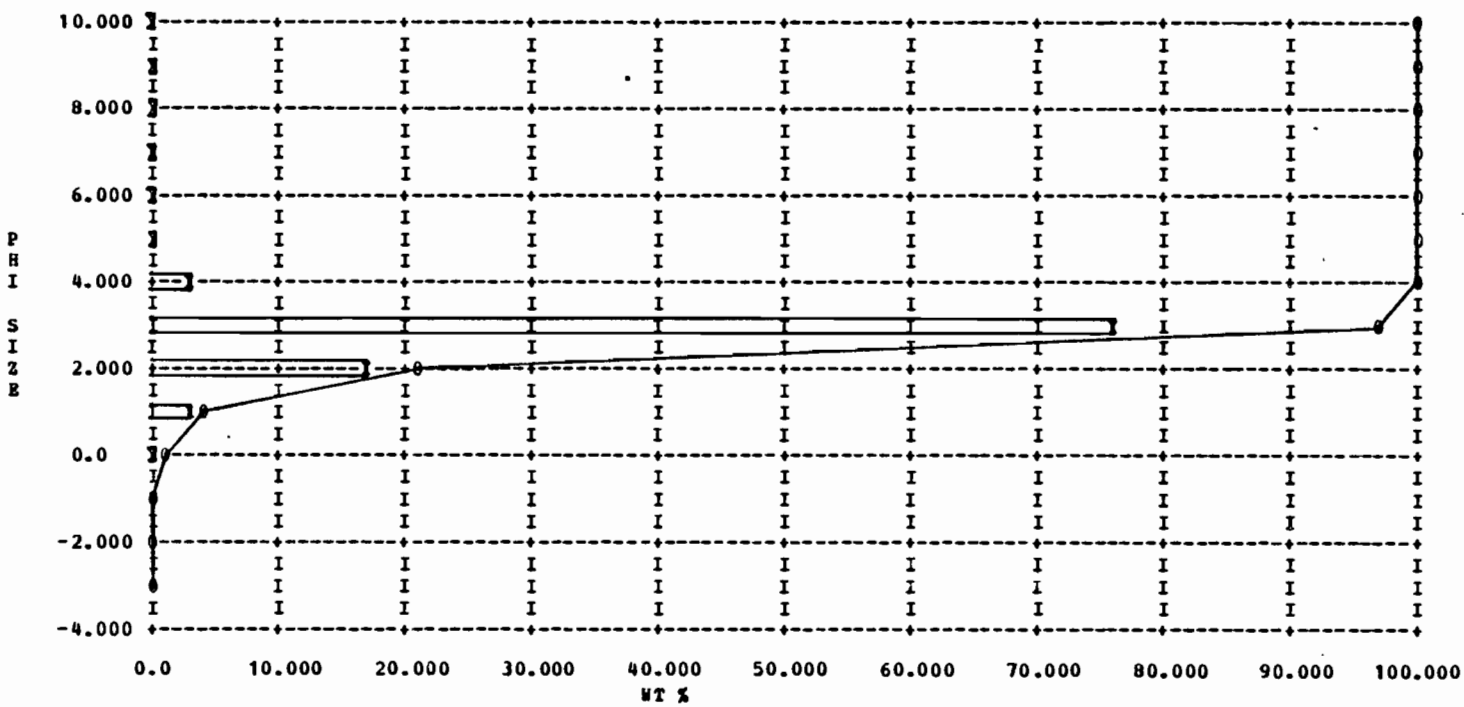
SAMPLE NO. SGB 09 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 2.272 VARIANCE = 0.38754E+00 STANDARD DEVIATION = 0.623
SKEWNESS = -1.270 KURTOSIS = 12.346 THIRD MOMENT =-0.61264E+00 FOURTH MOMENT = 0.23047E+01

CALCULATION OF FOLKS STATISTICS
MZ = 2.262 SORTING = 0.483 SKEWNESS = -0.220 KURTOSIS = 1.433

FOLKS TEXTURAL DESCRIPTION
SLIGHTLY GRAVELLY SAND
MODERATELY SORTED
LEPTOKURTIC
COARSE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 2.245 SIGMA PHI = 0.431 SKEWNESS = -0.136
KG (INMAN)= 1.048 ALPHA TWO PHI =-0.620



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

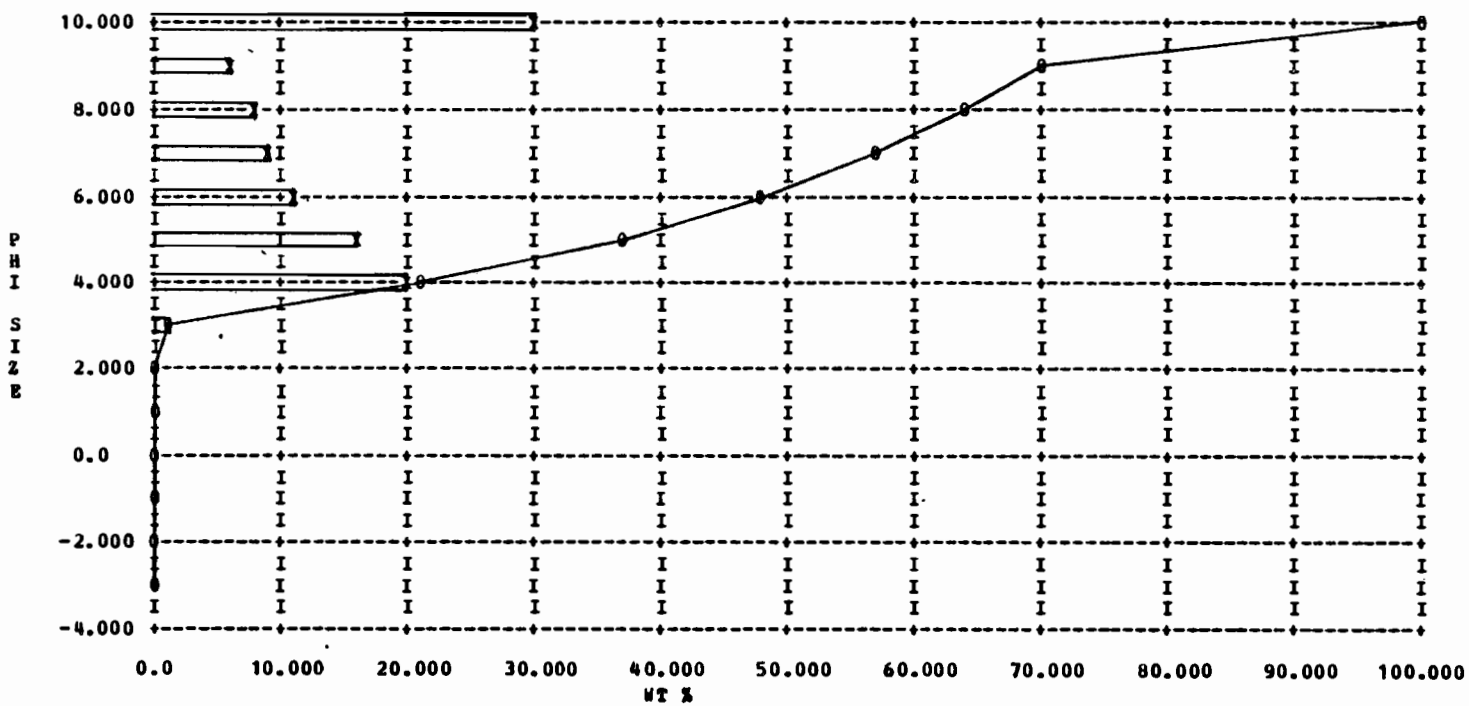
SAMPLE NO. SGB 10 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 6.522 VARIANCE = 0.57511E+01 STANDARD DEVIATION = 2.398
SKEWNESS = 0.020 KURTOSIS = -1.531 THIRD MOMENT = 0.54645E+00 FOURTH MOMENT = 0.48578E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.416 SORTING = 2.213 SKEWNESS = 0.070 KURTOSIS = 0.511

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
NEAR SYMMETRICAL

CALCULATION OF INMANS STATISTICS
M PHI = 6.508 SIGMA PHI = 2.634 SKEWNESS = 0.097
KG (INMAN)= 0.123 ALPHA TWO PHI = 0.047



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

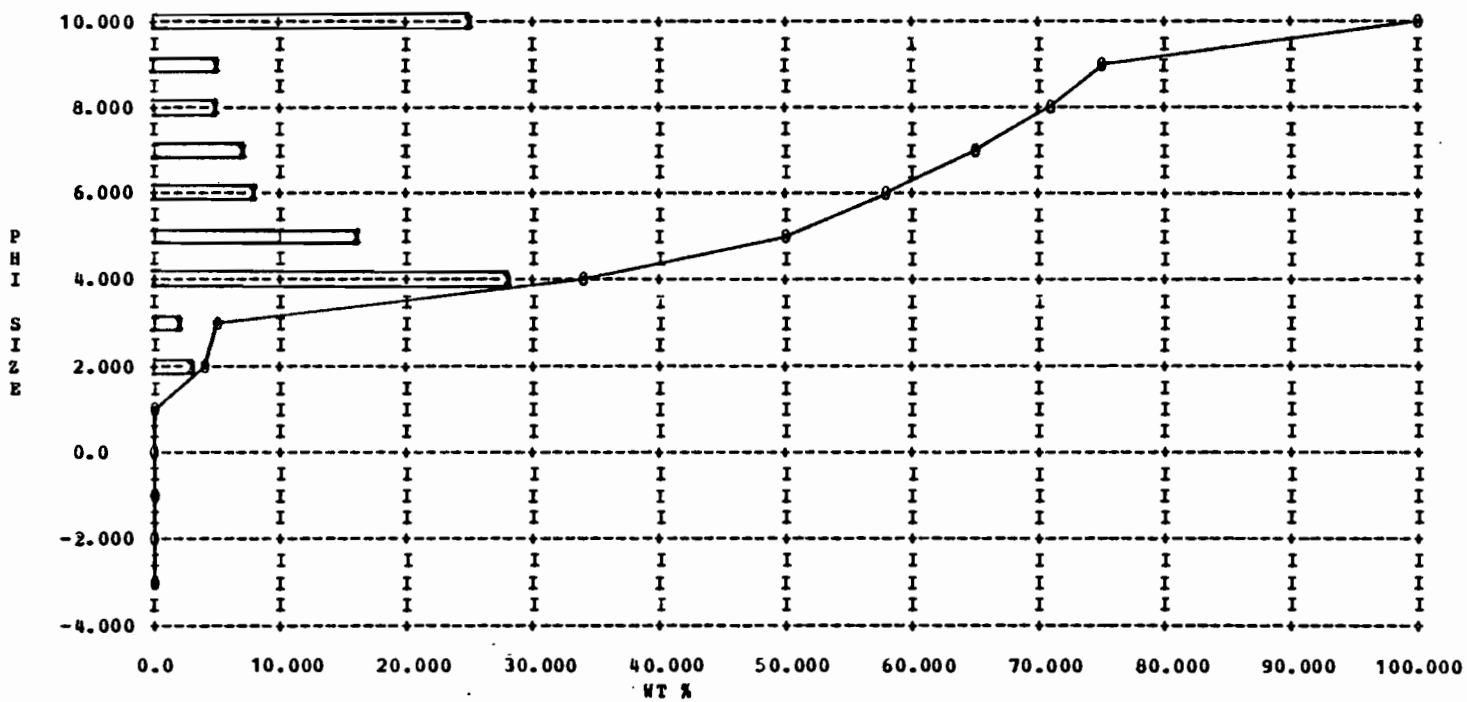
SAMPLE NO. SGB 11 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.870 VARIANCE = 0.66067E+01 STANDARD DEVIATION = 2.570
SKEWNESS = 0.140 KURTOSIS = -1.334 THIRD MOMENT = 0.47479E+01 FOURTH MOMENT = 0.72723E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.863 SORTING = 2.380 SKEWNESS = 0.400 KURTOSIS = 0.513

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.308 SIGMA PHI = 2.791 SKEWNESS = 0.472
KG (INMAN)= 0.163 ALPHA TWO PHI = 0.381



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued).

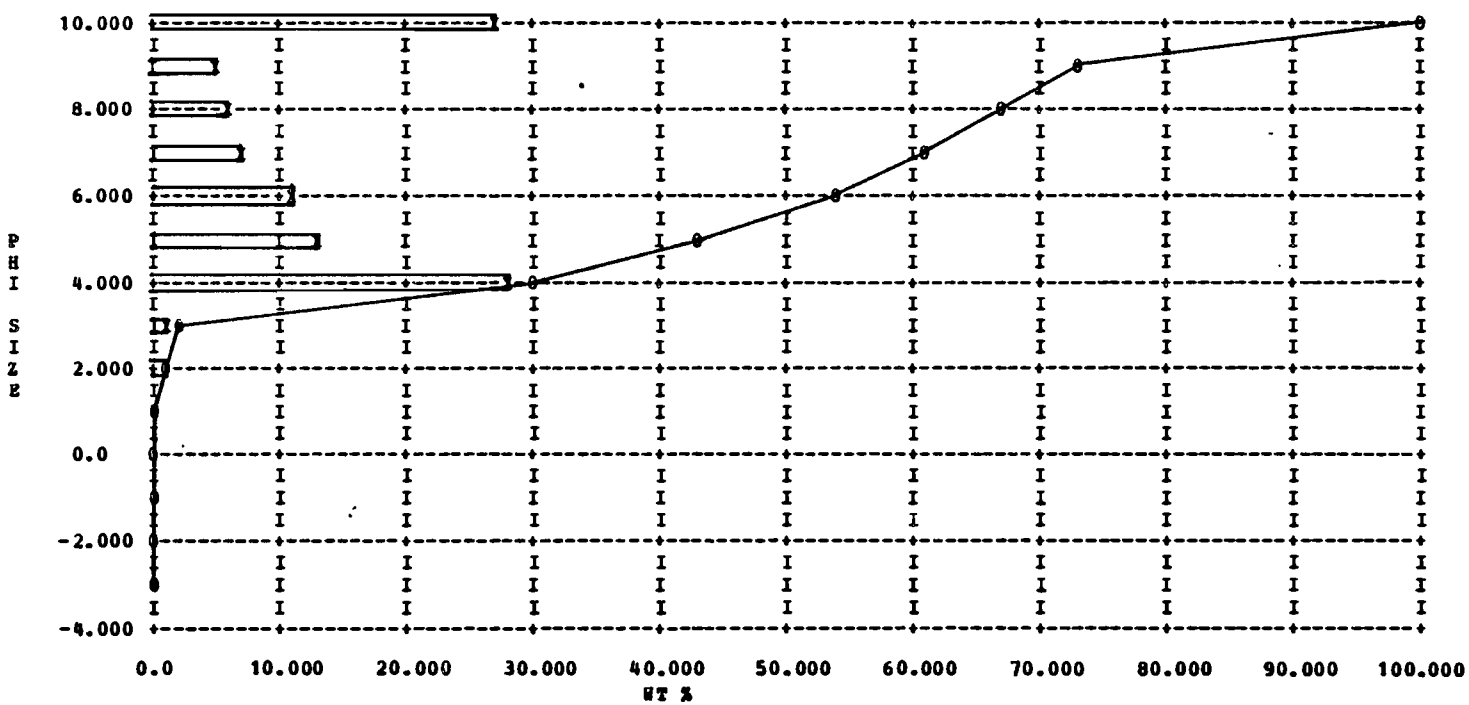
SAMPLE NO. SGB 12 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 6.200 VARIANCE = 0.62184E+01 STANDARD DEVIATION = 2.494
SKEWNESS = 0.093 KURTOSIS = -1.511 THIRD MOMENT = 0.28988E+01 FOURTH MOMENT = 0.57559E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.149 SORTING = 2.272 SKEWNESS = 0.248 KURTOSIS = 0.485

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.409 SIGMA PHI = 2.712 SKEWNESS = 0.281
KG (INMAN)= 0.116 ALPHA TWO PHI = 0.239



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

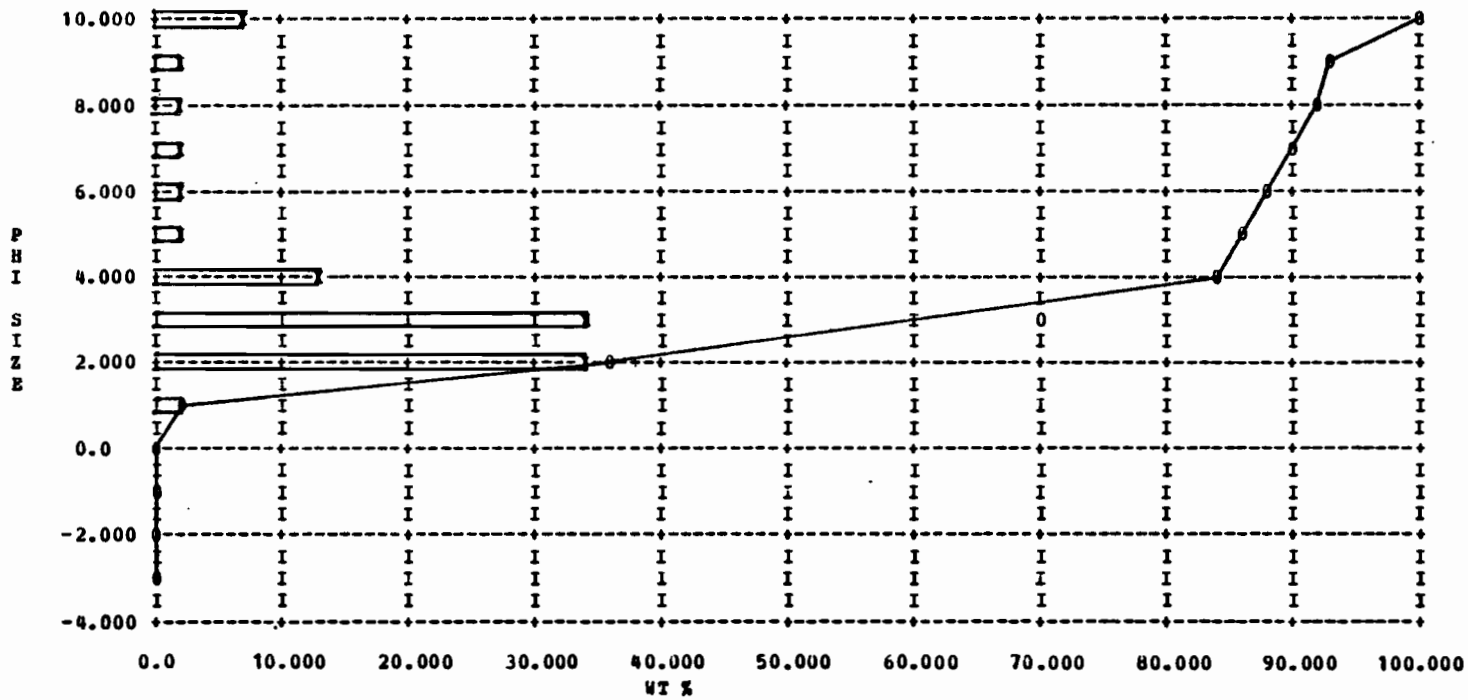
SAMPLE NO. SGB 13 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 3.098 VARIANCE = 0.51670E+01 STANDARD DEVIATION = 2.273
SKEWNESS = 0.904 KURTOSIS = 2.313 THIRD MOMENT = 0.21241E+02 FOURTH MOMENT = 0.14184E+03

CALCULATION OF FOLKS STATISTICS
MZ = 2.732 SORTING = 1.819 SKEWNESS = 0.554 KURTOSIS = 2.144

FOLKS TEXTURAL DESCRIPTION
MUDDY SAND
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 2.904 SIGMA PHI = 1.272 SKEWNESS = 0.399
KG (INMAN)= 2.068 ALPHA TWO PHI = 2.174



I = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

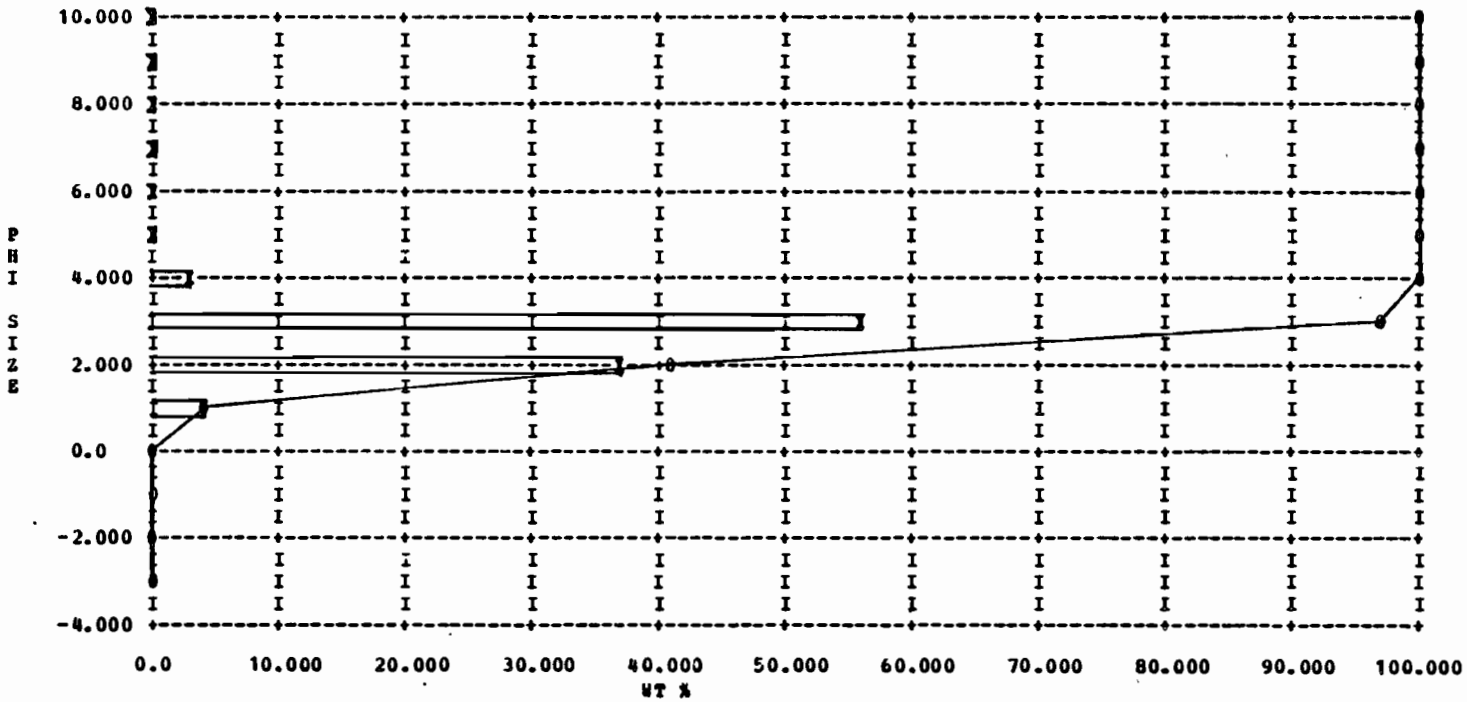
SAMPLE NO. SGB 14 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 2.069 VARIANCE = 0.39715E+00 STANDARD DEVIATION = 0.630
SKEWNESS = -0.266 KURTOSIS = 0.214 THIRD MOMENT =-0.13310E+00 FOURTH MOMENT = 0.50685E+00

CALCULATION OF FOLKS STATISTICS
MZ = 2.048 SORTING = 0.552 SKEWNESS = -0.151 KURTOSIS = 1.036

FOLKS TEXTURAL DESCRIPTION
SAND
MODERATELY SORTED
MESOKURTIC
COARSE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 2.024 SIGMA PHI = 0.547 SKEWNESS = -0.145
KG (INMAN)= 0.681 ALPHA TWO PHI =-0.266



I = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 15 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.626 VARIANCE = 0.60533E+01 STANDARD DEVIATION = 2.460
SKEWNESS = 0.307 KURTOSIS = -1.244 THIRD MOMENT = 0.91495E+01 FOURTH MOMENT = 0.64358E+02

CALCULATION OF FOLKS STATISTICS

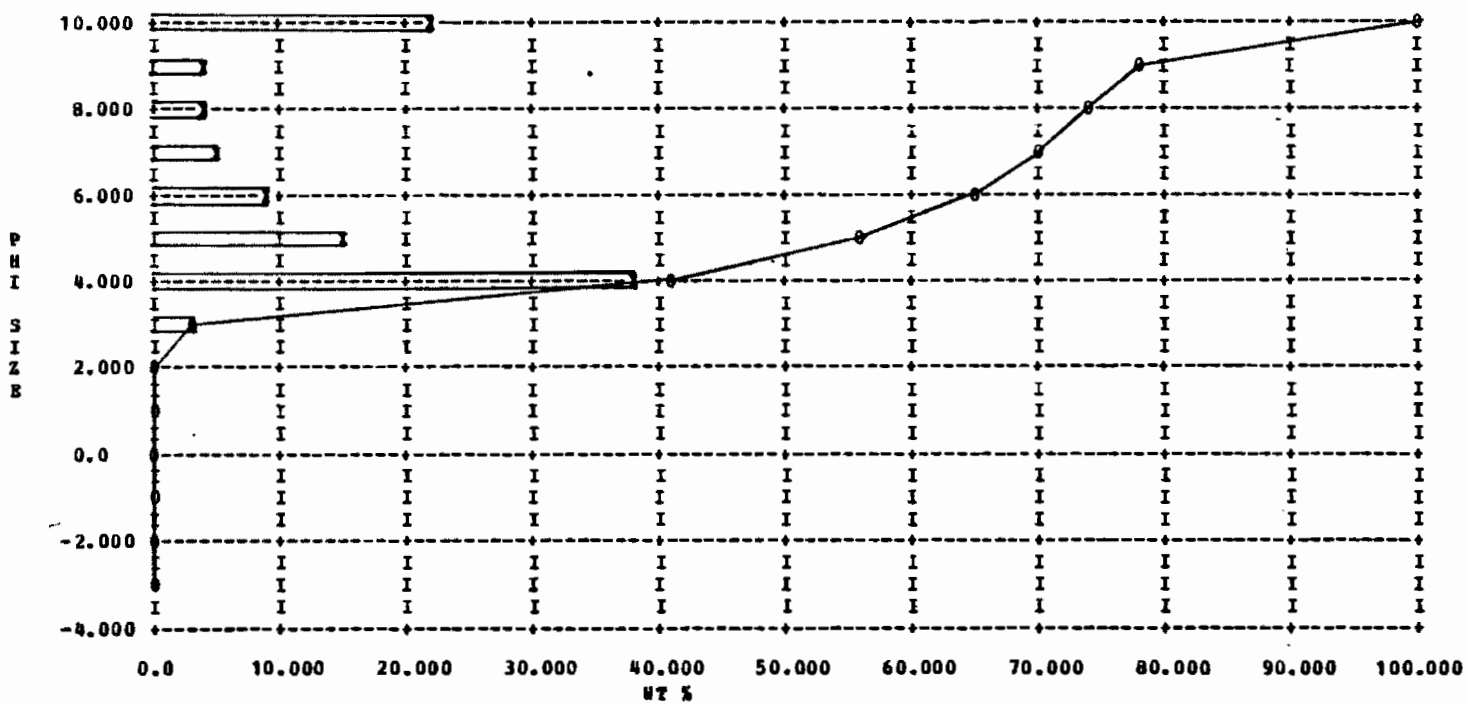
MZ = 5.725 SORTING = 2.315 SKEWNESS = 0.574 KURTOSIS = 0.557

FOLKS TEXTURAL DESCRIPTION

SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.303 SIGMA PHI = 2.769 SKEWNESS = 0.619
KG (INMAN)= 0.109 ALPHA TWO PHI = 0.586



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

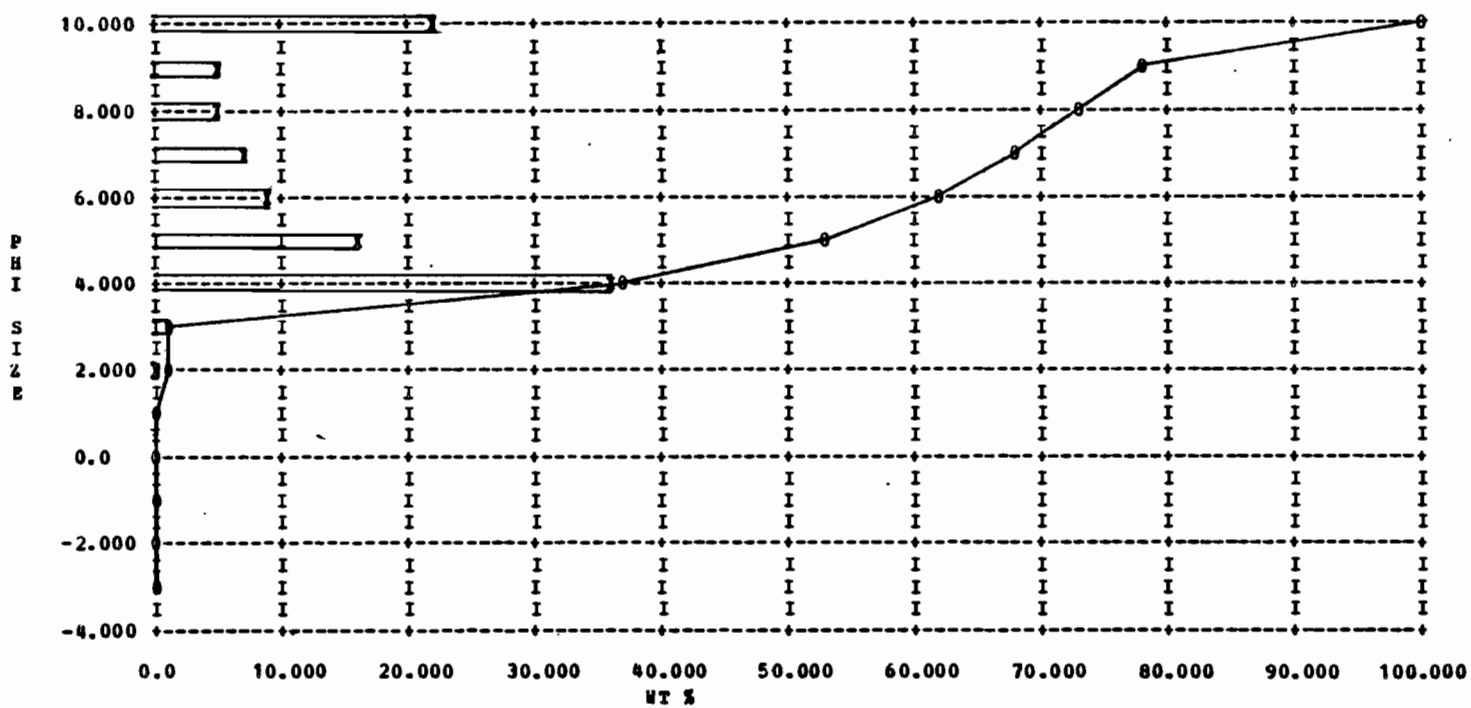
SAMPLE NO. SGB 16 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.779 VARIANCE = 0.58764E+01 STANDARD DEVIATION = 2.424
SKEWNESS = 0.259 KURTOSIS = -1.314 THIRD MOMENT = 0.73866E+01 FOURTH MOMENT = 0.58235E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.853 SORTING = 2.254 SKEWNESS = 0.529 KURTOSIS = 0.537

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.368 SIGMA PHI = 2.705 SKEWNESS = 0.565
KG (INMAN)= 0.100 ALPHA TWO PHI = 0.542



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

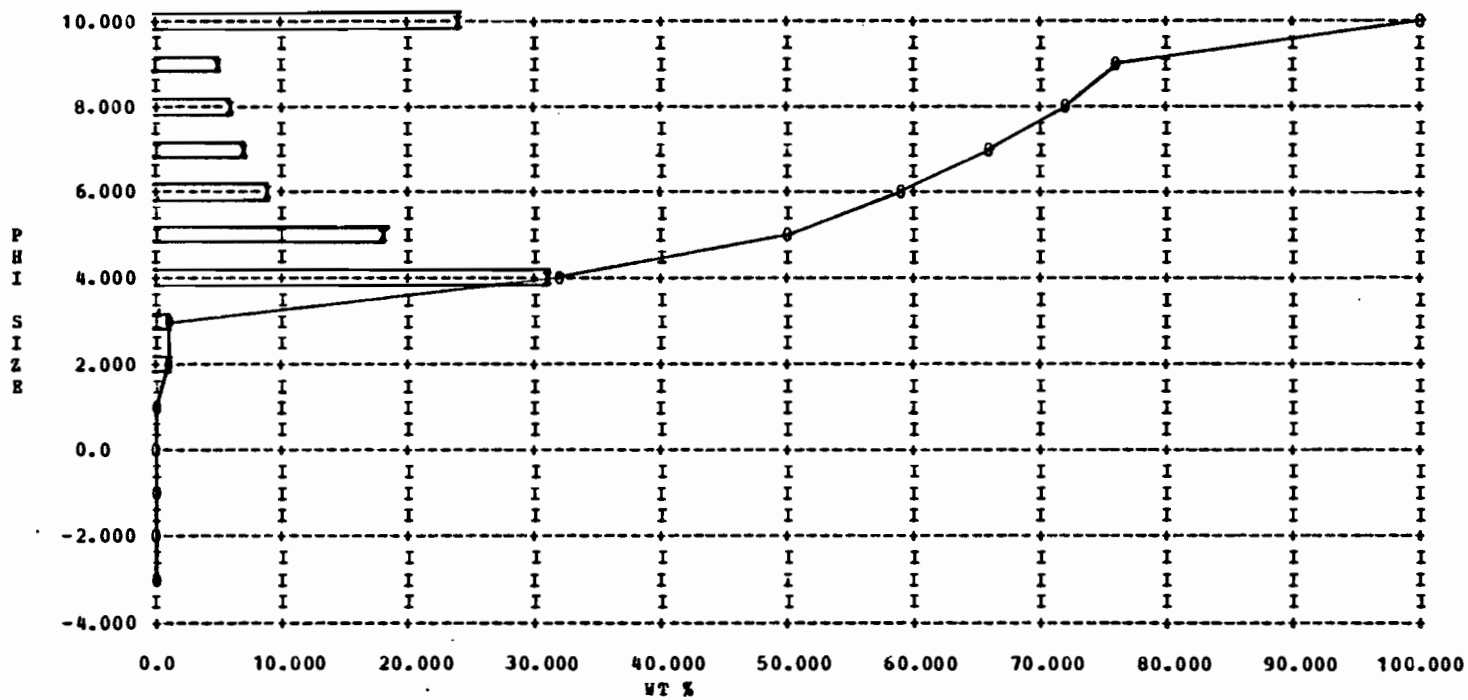
SAMPLE NO. SGB 17 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.920 VARIANCE = 0.59264E+01 STANDARD DEVIATION = 2.434
SKEWNESS = 0.208 KURTOSIS = -1.376 THIRD MOMENT = 0.60139E+01 FOURTH MOMENT = 0.57049E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.923 SORTING = 2.257 SKEWNESS = 0.472 KURTOSIS = 0.507

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.389 SIGMA PHI = 2.700 SKEWNESS = 0.511
KG (INMAN)= 0.108 ALPHA TWO PHI = 0.479



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

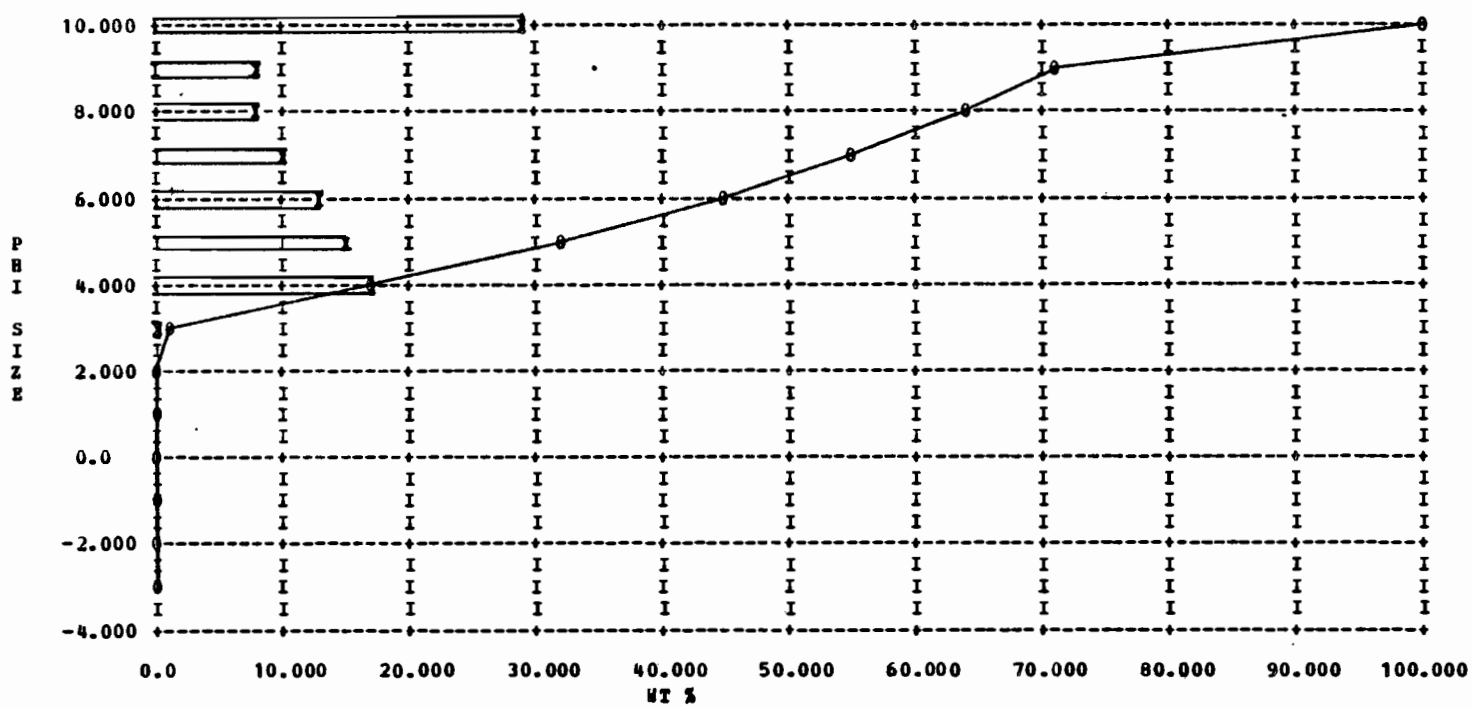
SAMPLE NO. SGB 18 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 6.644 VARIANCE = 0.53032E+01 STANDARD DEVIATION = 2.303
SKEWNESS = -0.010 KURTOSIS = -1.481 THIRD MOMENT =-0.24345E+00 FOURTH MOMENT = 0.42720E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.518 SORTING = 2.166 SKEWNESS = 0.008 KURTOSIS = 0.530

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
NEAR SYMMETRICAL

CALCULATION OF INMANS STATISTICS
M PHI = 6.549 SIGMA PHI = 2.581 SKEWNESS = 0.029
KG (INMAN)= 0.119 ALPHA TWO PHI =-0.014



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

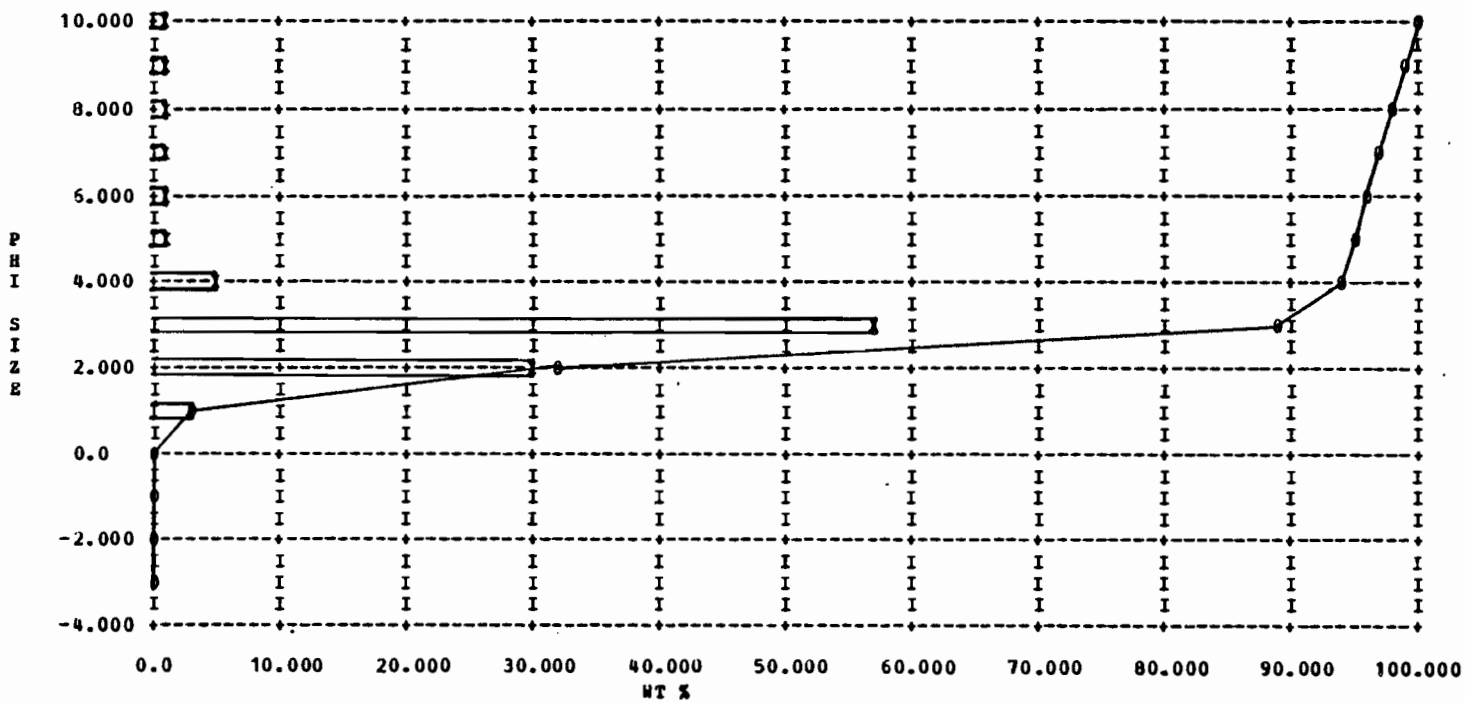
SAMPLE NO. SGB 19 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 2.468 VARIANCE = 0.19411E+01 STANDARD DEVIATION = 1.393
SKEWNESS = 1.569 KURTOSIS = 12.045 THIRD MOMENT = 0.84838E+01 FOURTH MOMENT = 0.56685E+02

CALCULATION OF FOLKS STATISTICS
MZ = 2.250 SORTING = 0.852 SKEWNESS = 0.181 KURTOSIS = 1.819

FOLKS TEXTURAL DESCRIPTION
SAND
MODERATELY POORLY SORTED
VERY LEPTOKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 2.244 SIGMA PHI = 0.610 SKEWNESS = -0.041
KG (INMAN)= 1.960 ALPHA TWO PHI = 1.194



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

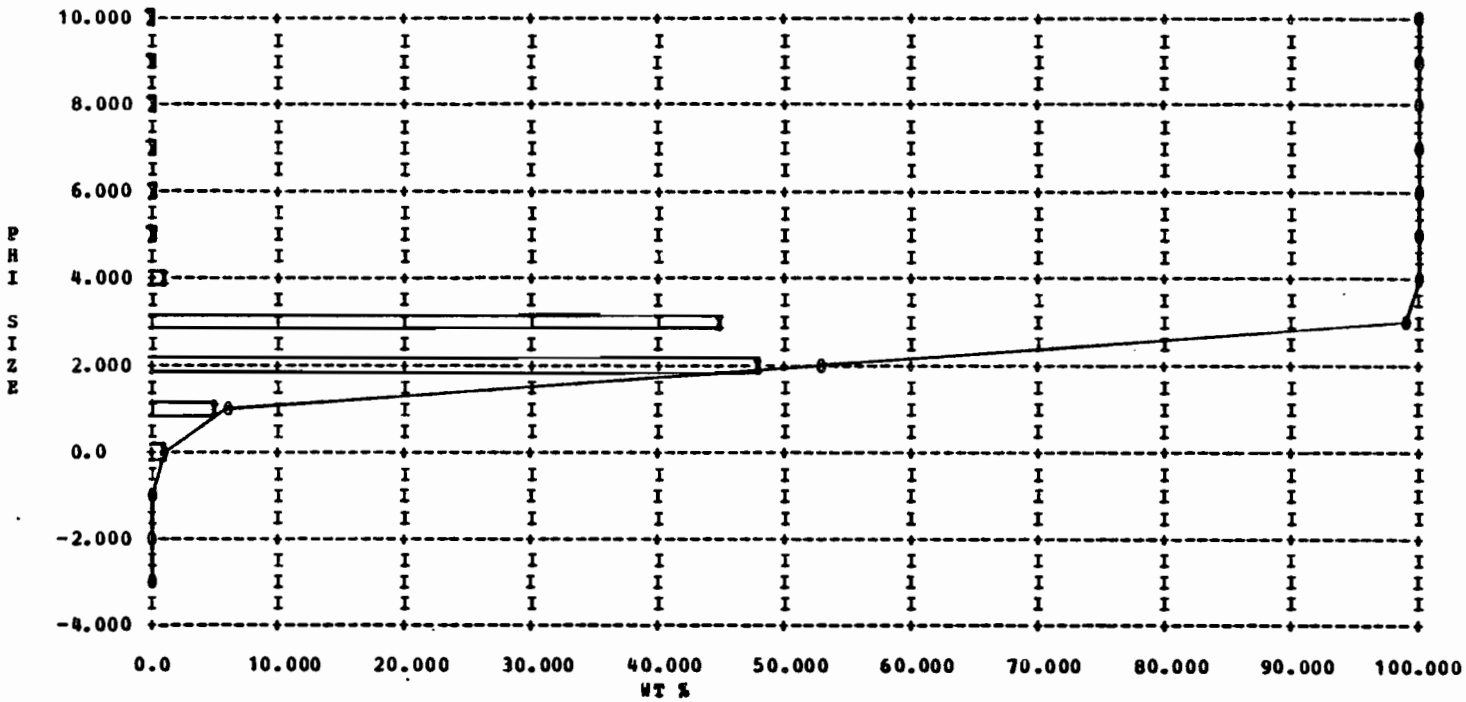
SAMPLE NO. SGB 20 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 1.917 VARIANCE = 0.41239E+00 STANDARD DEVIATION = 0.642
SKEWNESS = -0.272 KURTOSIS = 0.762 THIRD MOMENT =-0.14404E+00 FOURTH MOMENT = 0.63986E+00

CALCULATION OF FOLKS STATISTICS
MZ = 1.908 SORTING = 0.541 SKEWNESS = -0.126 KURTOSIS = 1.009

FOLKS TEXTURAL DESCRIPTION
SAND
MODERATELY SORTED
MESOKURTIC
COARSE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 1.889 SIGMA PHI = 0.536 SKEWNESS = -0.116
KG (INMAN)= 0.677 ALPHA TWO PHI =-0.228



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 21 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.335 VARIANCE = 0.69709E+01 STANDARD DEVIATION = 2.640
SKEWNESS = 0.210 KURTOSIS = -1.130 THIRD MOMENT = 0.77347E+01 FOURTH MOMENT = 0.90857E+02

CALCULATION OF FOLKS STATISTICS

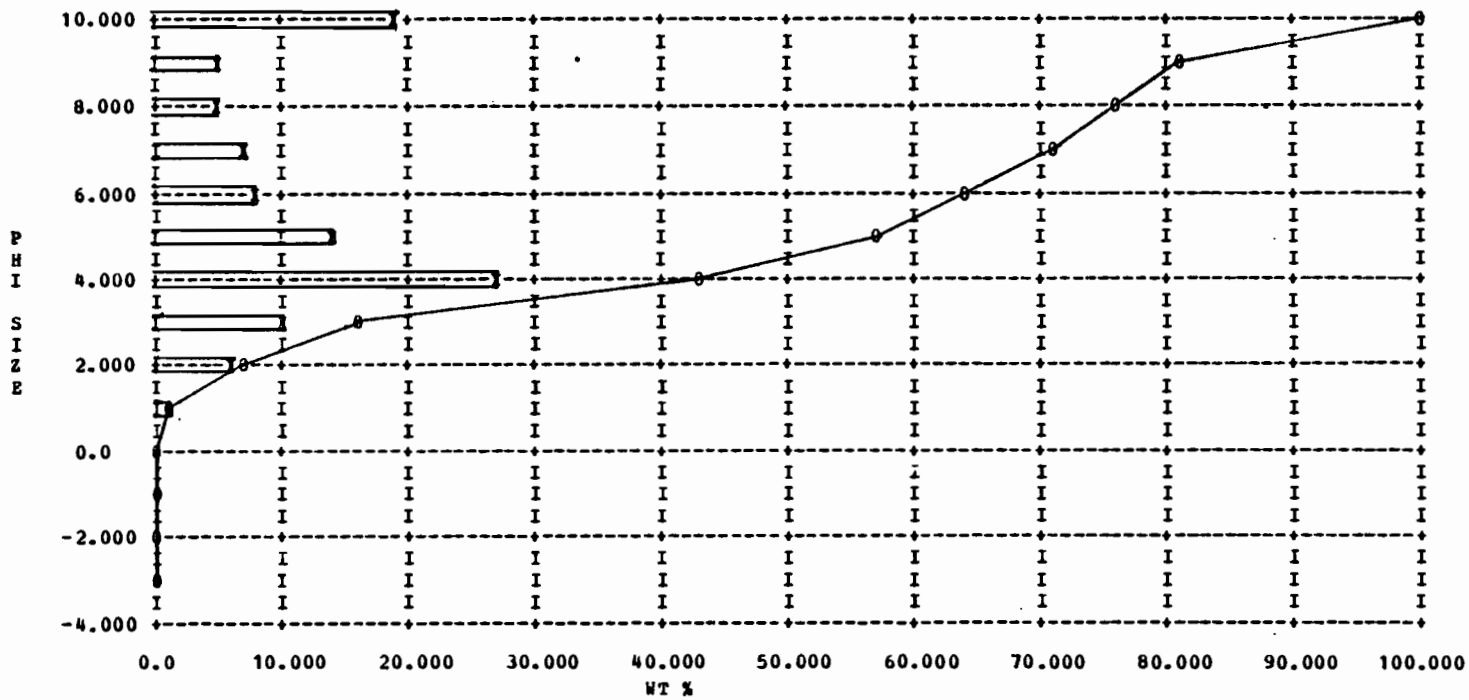
MZ = 5.495 SORTING = 2.643 SKEWNESS = 0.390 KURTOSIS = 0.690

FOLKS TEXTURAL DESCRIPTION

SANDY MUD
VERY POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.003 SIGMA PHI = 3.038 SKEWNESS = 0.496
KG (INMAN)= 0.220 ALPHA TWO PHI = 0.347



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

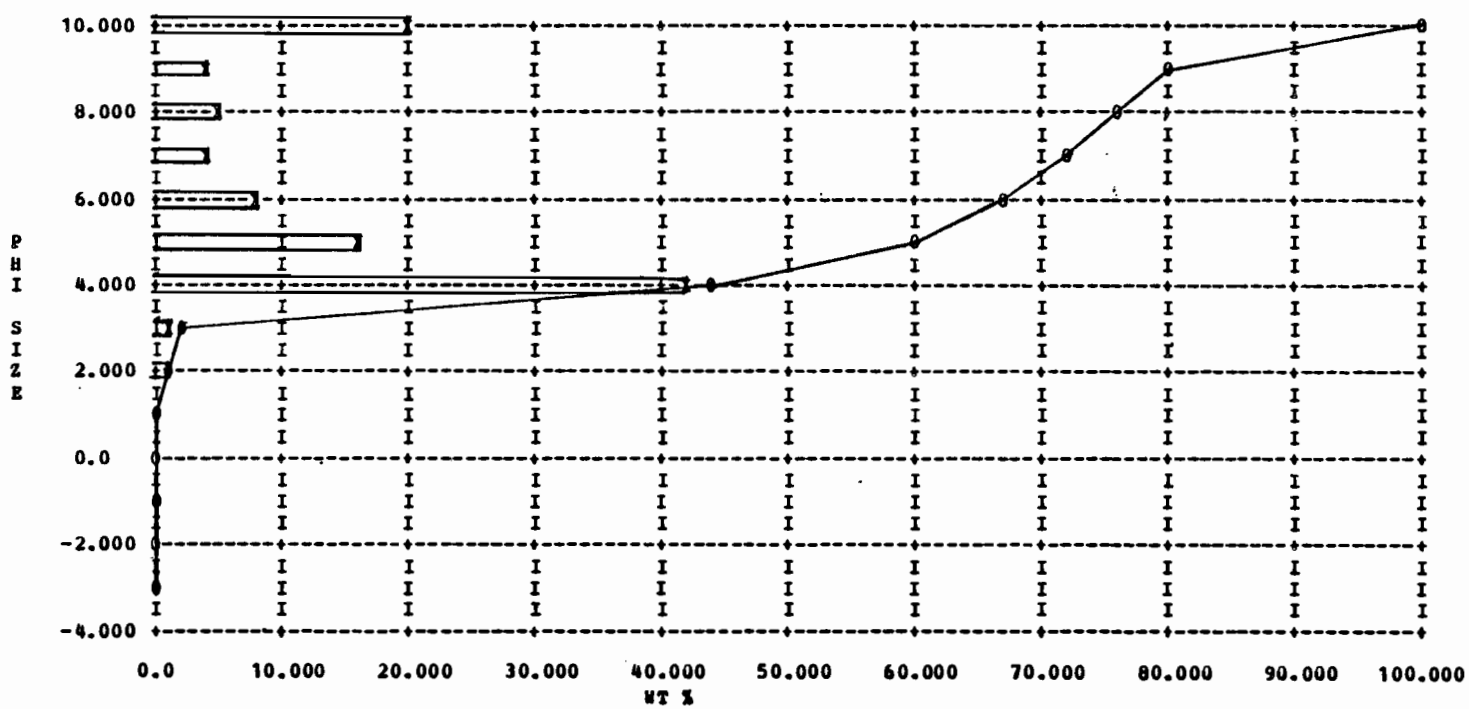
SAMPLE NO. SGB 22 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.485 VARIANCE = 0.58112E+01 STANDARD DEVIATION = 2.411
SKEWNESS = 0.360 KURTOSIS = -1.062 THIRD MOMENT = 0.10099E+02 FOURTH MOMENT = 0.65435E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.667 SORTING = 2.281 SKEWNESS = 0.660 KURTOSIS = 0.623

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.313 SIGMA PHI = 2.737 SKEWNESS = 0.701
KG (INMAN)= 0.099 ALPHA TWO PHI = 0.680



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 23 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.552 VARIANCE = 0.57047E+01 STANDARD DEVIATION = 2.388
SKEWNESS = 0.354 KURTOSIS = -1.103 THIRD MOMENT = 0.96430E+01 FOURTH MOMENT = 0.61738E+02

CALCULATION OF FOLKS STATISTICS

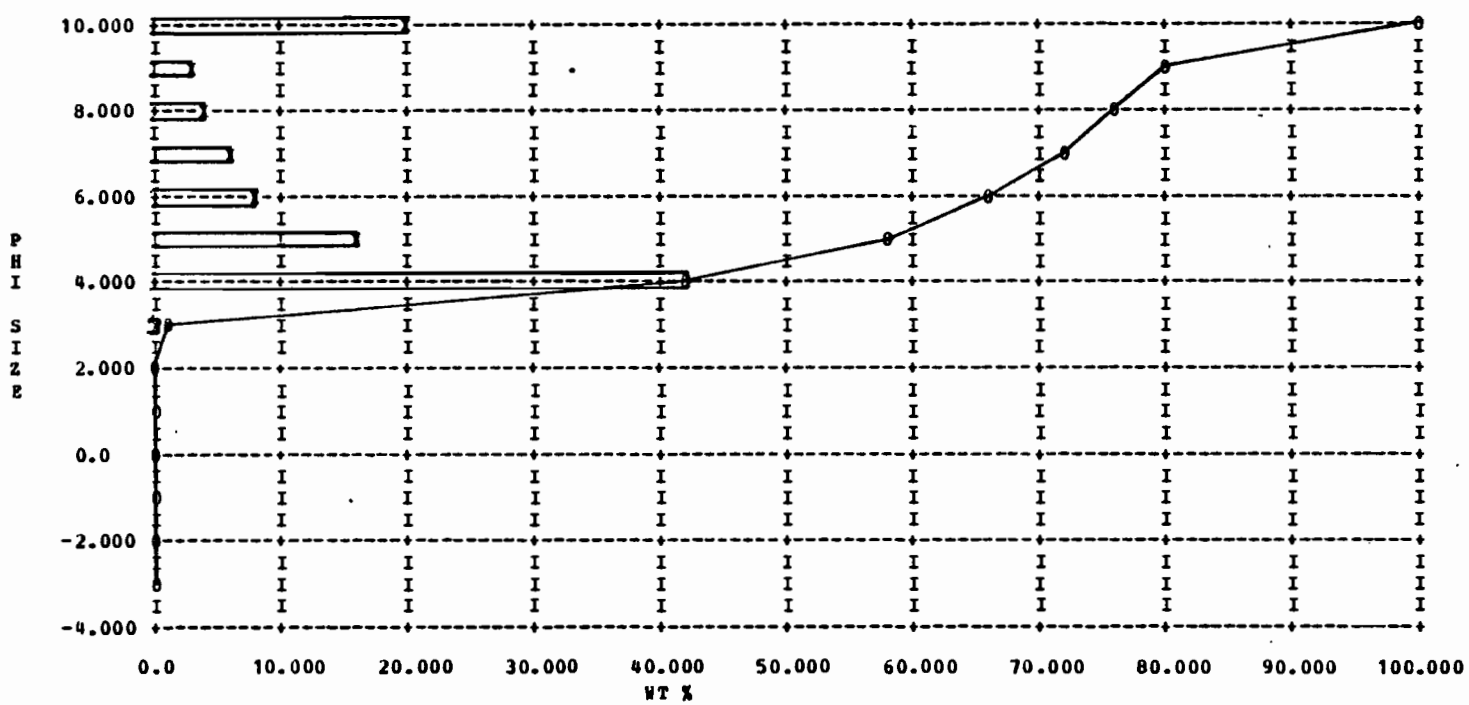
MZ = 5.728 SORTING = 2.241 SKEWNESS = 0.657 KURTOSIS = 0.619

FOLKS TEXTURAL DESCRIPTION

SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.356 SIGMA PHI = 2.699 SKEWNESS = 0.692
KG (INMAN)= 0.091 ALPHA TWO PHI = 0.680



I = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

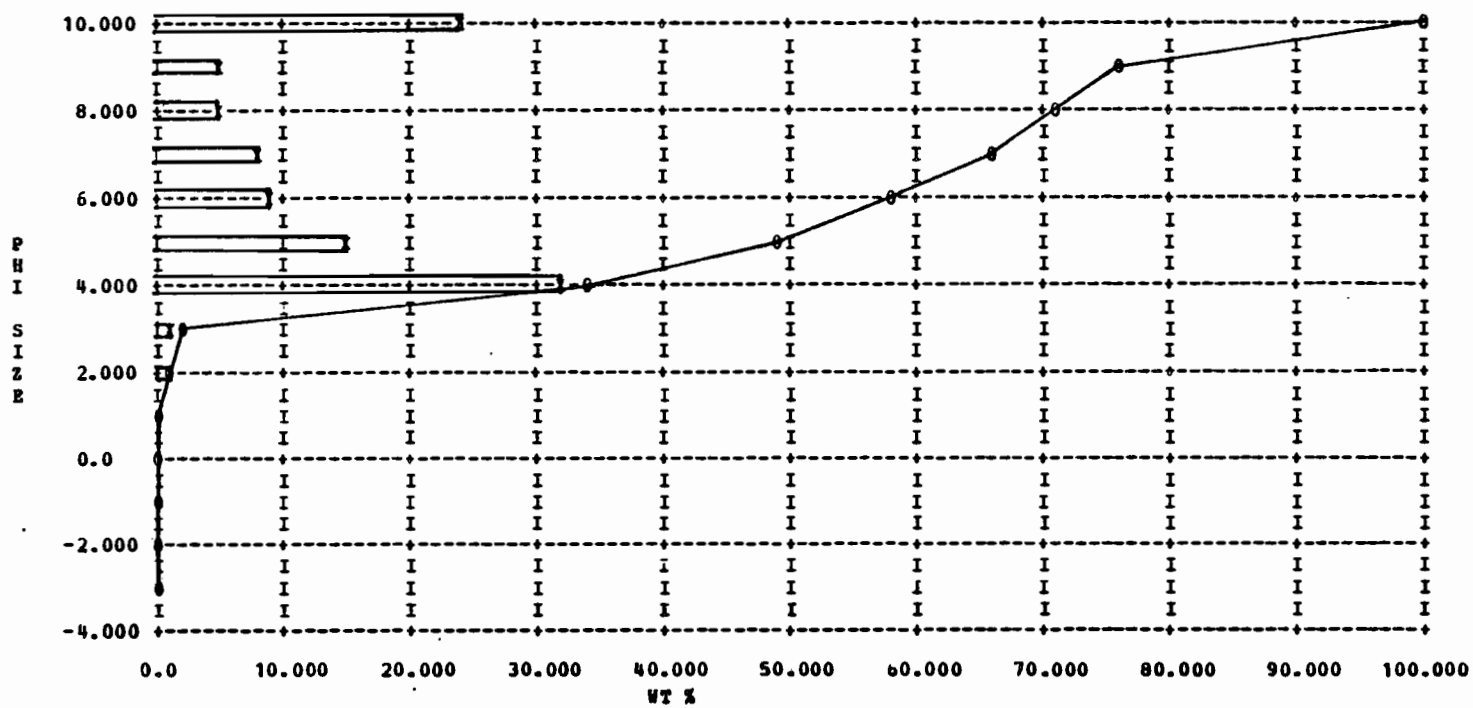
SAMPLE NO. SGB 24 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.906 VARIANCE = 0.61132E+01 STANDARD DEVIATION = 2.472
SKEWNESS = 0.183 KURTOSIS = -1.386 THIRD MOMENT = 0.55293E+01 FOURTH MOMENT = 0.60325E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.925 SORTING = 2.286 SKEWNESS = 0.427 KURTOSIS = 0.510

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.356 SIGMA PHI = 2.730 SKEWNESS = 0.467
KG (INMAN) = 0.113 ALPHA TWO PHI = 0.430



I = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

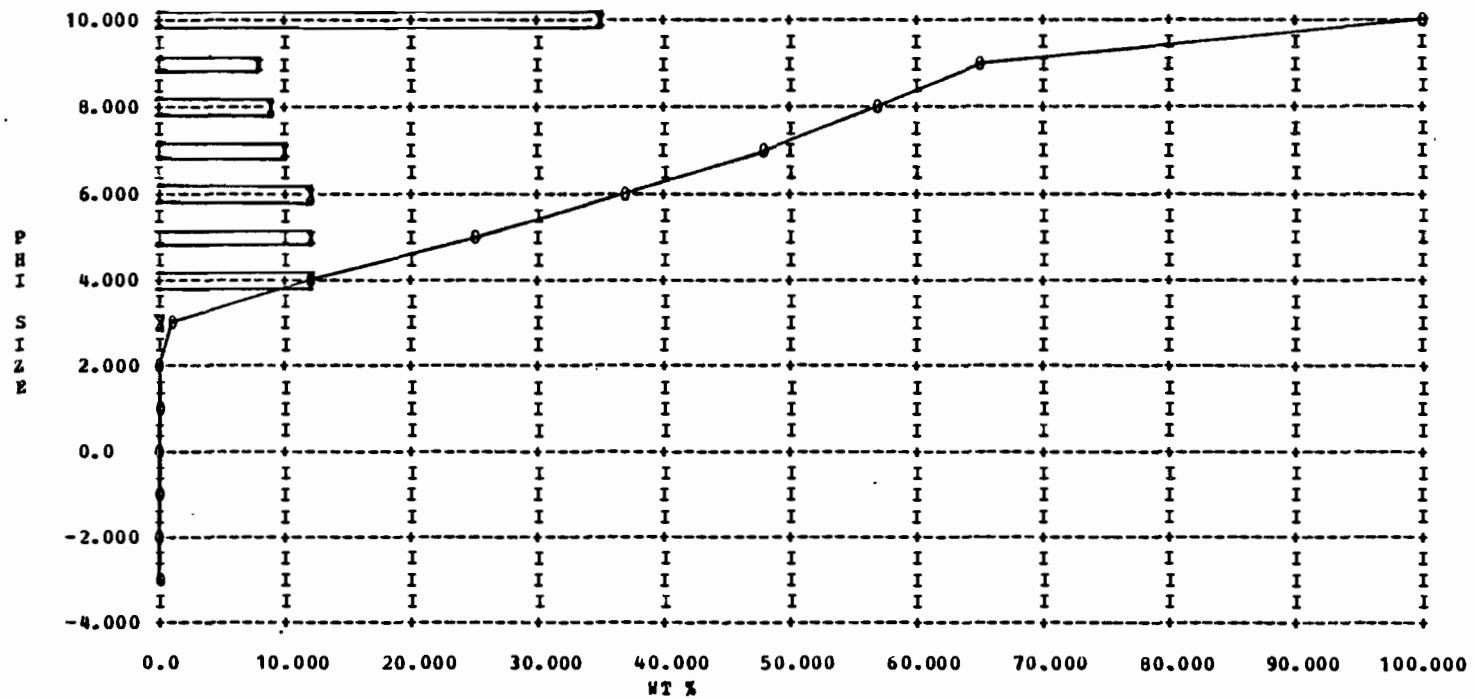
SAMPLE NO. SGB 25 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 7.059 VARIANCE = 0.50531E+01 STANDARD DEVIATION = 2.248
SKEWNESS = -0.141 KURTOSIS = -1.384 THIRD MOMENT =-0.32037E+01 FOURTH MOMENT = 0.41263E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.923 SORTING = 2.074 SKEWNESS = -0.239 KURTOSIS = 0.579

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
COARSE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.762 SIGMA PHI = 2.414 SKEWNESS = -0.209
KG (INMAN)= 0.186 ALPHA TWO PHI =-0.318



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

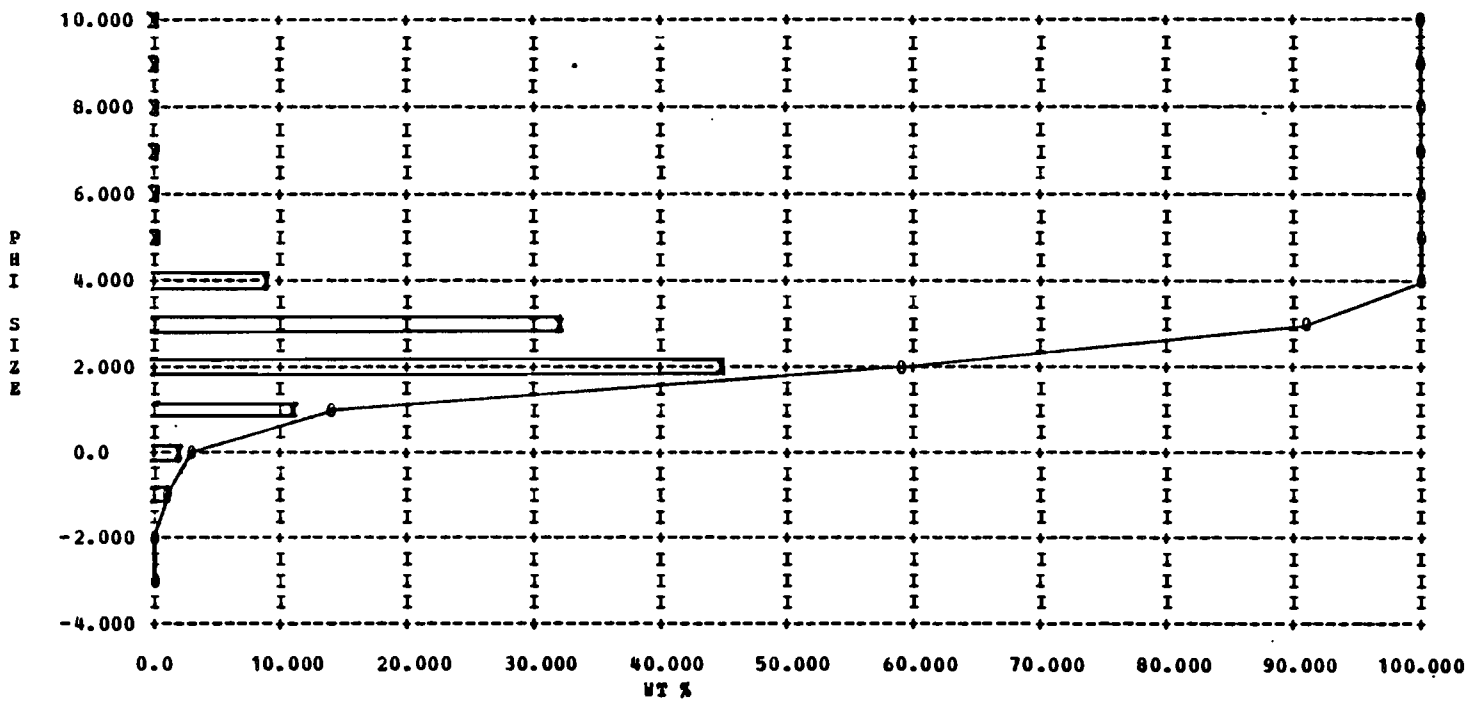
SAMPLE NO. SGB 26 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 1.814 VARIANCE = 0.91089E+00 STANDARD DEVIATION = 0.954
SKEWNESS = -0.272 KURTOSIS = 1.182 THIRD MOMENT =-0.47273E+00 FOURTH MOMENT = 0.34698E+01

CALCULATION OF FOLKS STATISTICS
MZ = 1.860 SORTING = 0.849 SKEWNESS = -0.013 KURTOSIS = 1.063

FOLKS TEXTURAL DESCRIPTION
SLIGHTLY GRAVELLY SAND
MODERATELY POORLY SORTED
MESOKURTIC
NEAR SYMMETRICAL

CALCULATION OF INMANS STATISTICS
M PHI = 1.880 SIGMA PHI = 0.826 SKEWNESS = 0.067
KG (INMAN)= 0.742 ALPHA TWO PHI =-0.162



I = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

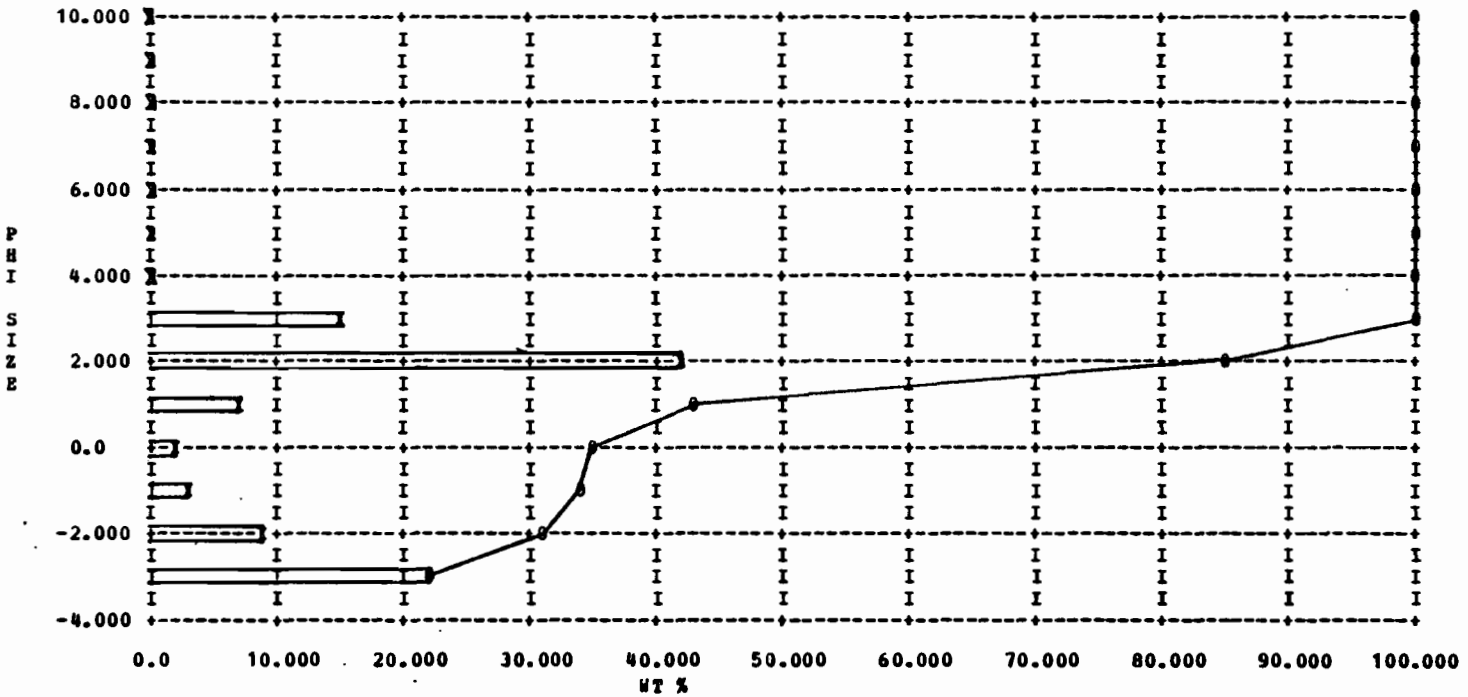
SAMPLE NO. SGB 27 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 0.006 VARIANCE = 0.52733E+01 STANDARD DEVIATION = 2.296
SKEWNESS = -0.295 KURTOSIS = -1.360 THIRD MOMENT =-0.71492E+01 FOURTH MOMENT = 0.45610E+02

CALCULATION OF FOLKS STATISTICS
MZ = 0.018 SORTING = 2.119 SKEWNESS = -0.618 KURTOSIS = 0.530

FOLKS TEXTURAL DESCRIPTION
SANDY GRAVEL
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY COARSE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = -0.547 SIGMA PHI = 2.524 SKEWNESS = -0.672
KG (INMAN)= 0.120 ALPHA TWO PHI =-0.632



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

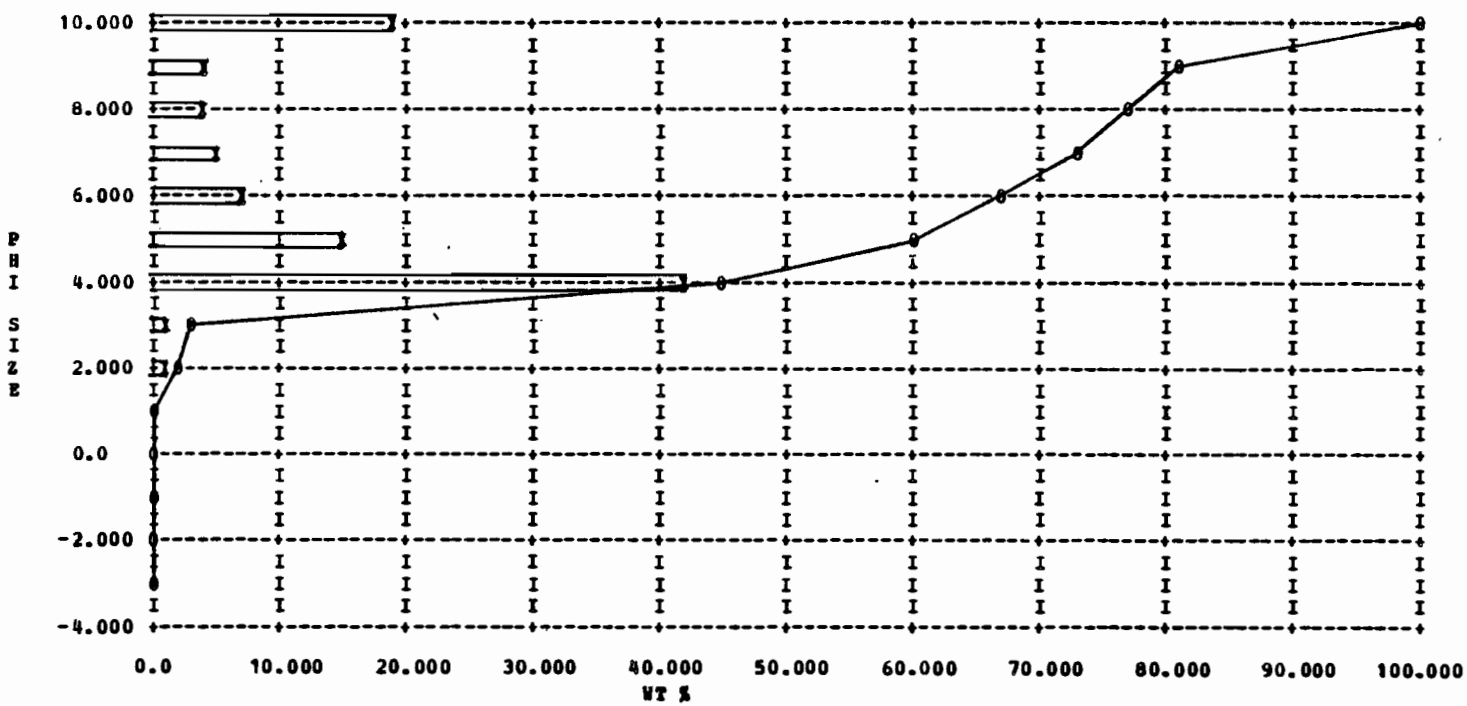
SAMPLE NO. SGB 28 22 2V 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.436 VARIANCE = 0.58841E+01 STANDARD DEVIATION = 2.426
SKEWNESS = 0.347 KURTOSIS = -1.006 THIRD MOMENT = 0.99115E+01 FOURTH MOMENT = 0.69045E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.629 SORTING = 2.303 SKEWNESS = 0.660 KURTOSIS = 0.647

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.284 SIGMA PHI = 2.760 SKEWNESS = 0.705
KG (INMAN)= 0.104 ALPHA TWO PHI = 0.679



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 29 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.520 VARIANCE = 0.57920E+01 STANDARD DEVIATION = 2.407
SKEWNESS = 0.337 KURTOSIS = -1.097 THIRD MOMENT = 0.93843E+01 FOURTH MOMENT = 0.63853E+02

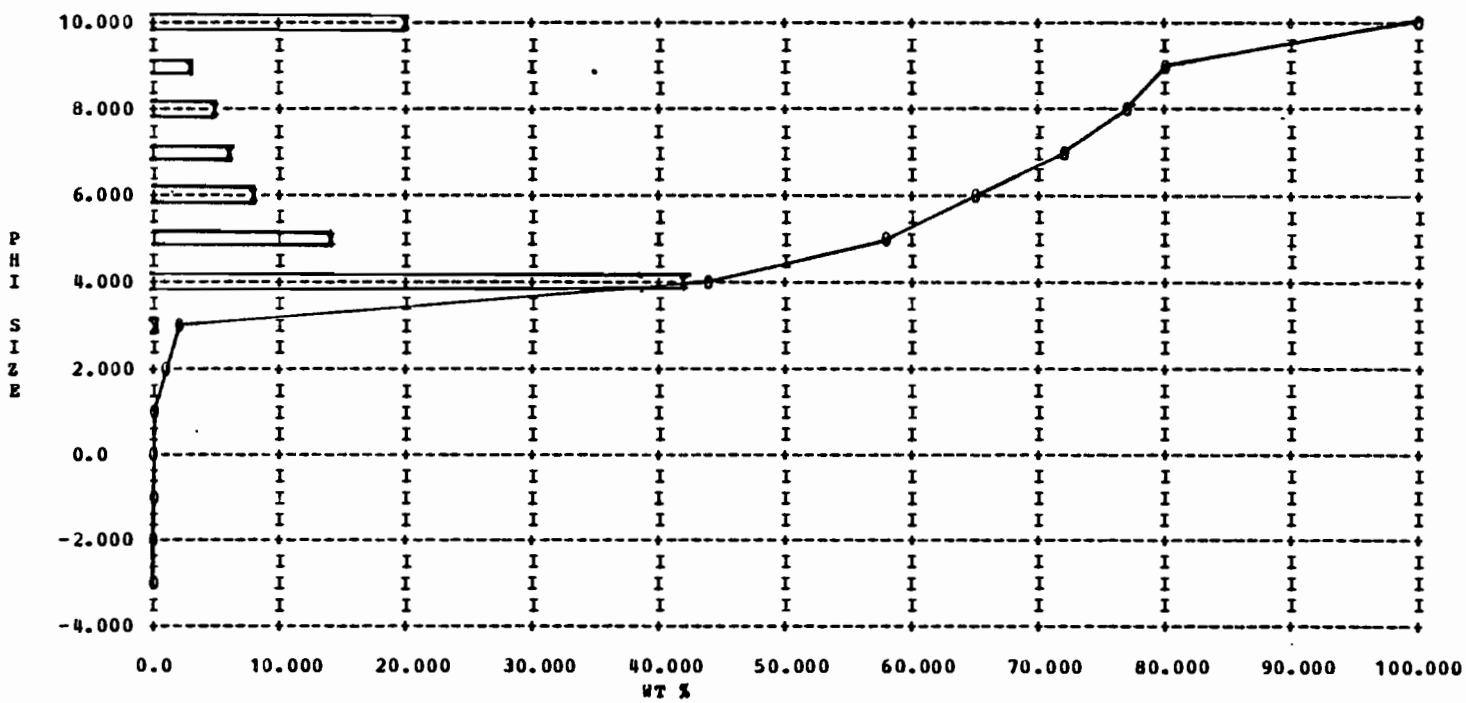
CALCULATION OF FOLKS STATISTICS

MZ = 5.687 SORTING = 2.276 SKEWNESS = 0.644 KURTOSIS = 0.631

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.316 SIGMA PHI = 2.733 SKEWNESS = 0.684
KG (INMAN) = 0.098 ALPHA TWO PHI = 0.664



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

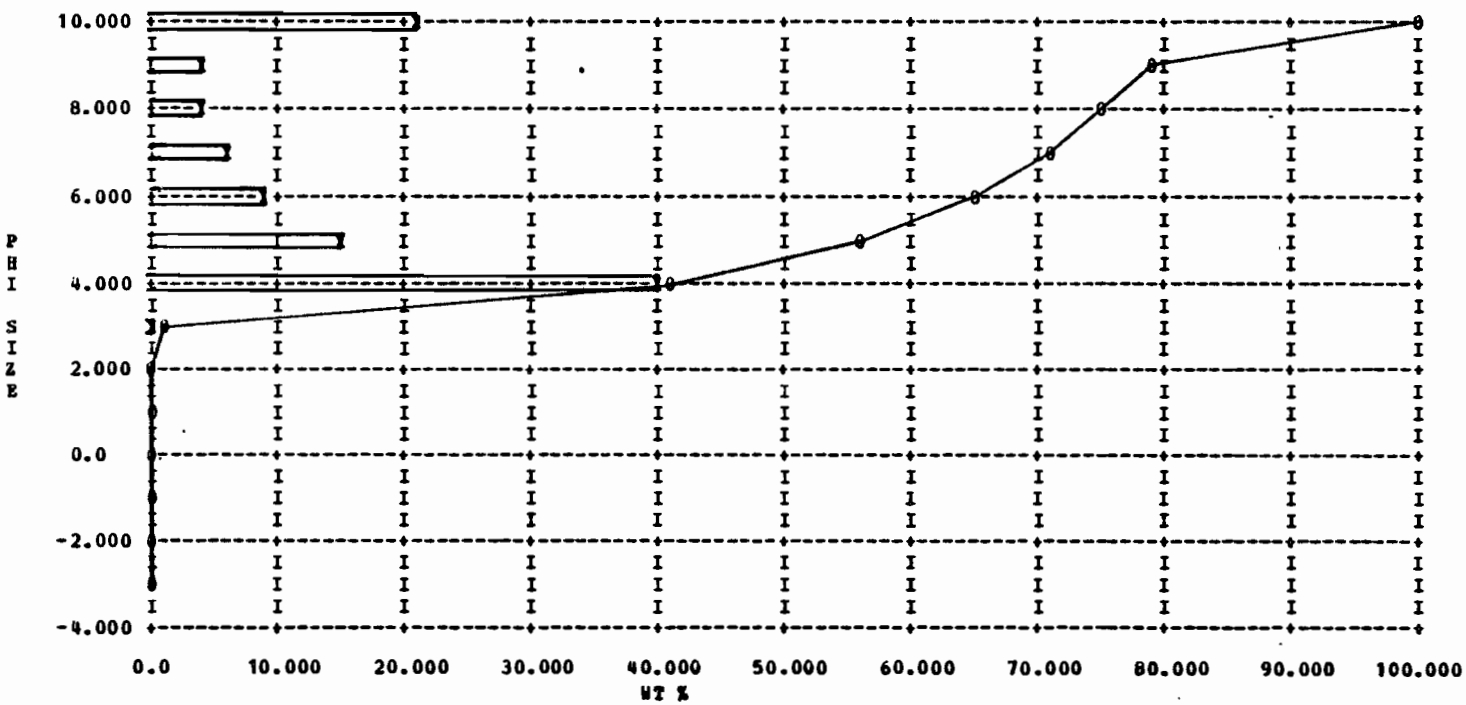
SAMPLE NO. SGB 30 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.631 VARIANCE = 0.57599E+01 STANDARD DEVIATION = 2.400
SKEWNESS = 0.321 KURTOSIS = -1.201 THIRD MOMENT = 0.88681E+01 FOURTH MOMENT = 0.59701E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.774 SORTING = 2.243 SKEWNESS = 0.610 KURTOSIS = 0.573

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.359 SIGMA PHI = 2.699 SKEWNESS = 0.644
KG (INMAN)= 0.093 ALPHA TWO PHI = 0.629



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 31 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 6.182 VARIANCE = 0.60287E+01 STANDARD DEVIATION = 2.455
SKEWNESS = 0.115 KURTOSIS = -1.518 THIRD MOMENT = 0.34089E+01 FOURTH MOMENT = 0.53870E+02

CALCULATION OF FOLKS STATISTICS

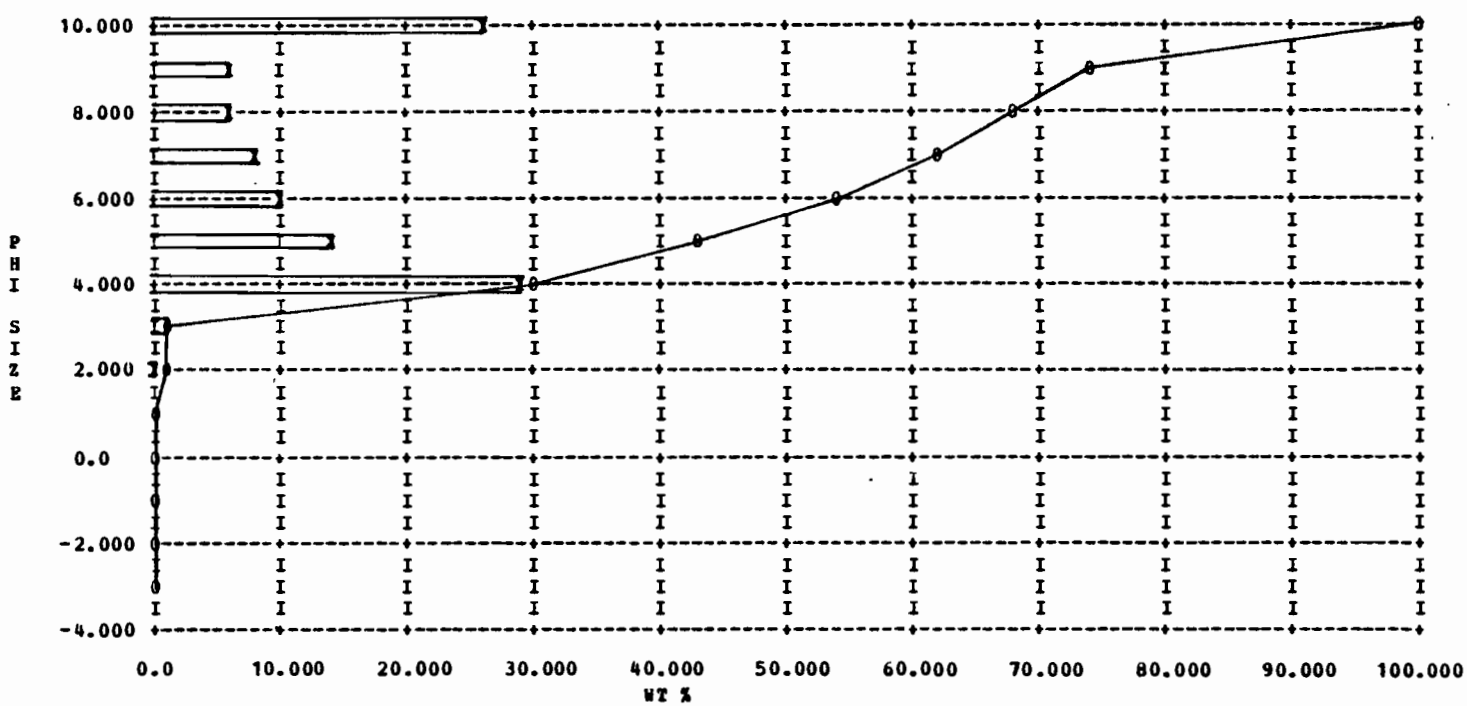
MZ = 6.156 SORTING = 2.247 SKEWNESS = 0.262 KURTOSIS = 0.479

FOLKS TEXTURAL DESCRIPTION

SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.423 SIGMA PHI = 2.690 SKEWNESS = 0.291
KG (INMAN)= 0.107 ALPHA TWO PHI = 0.259



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

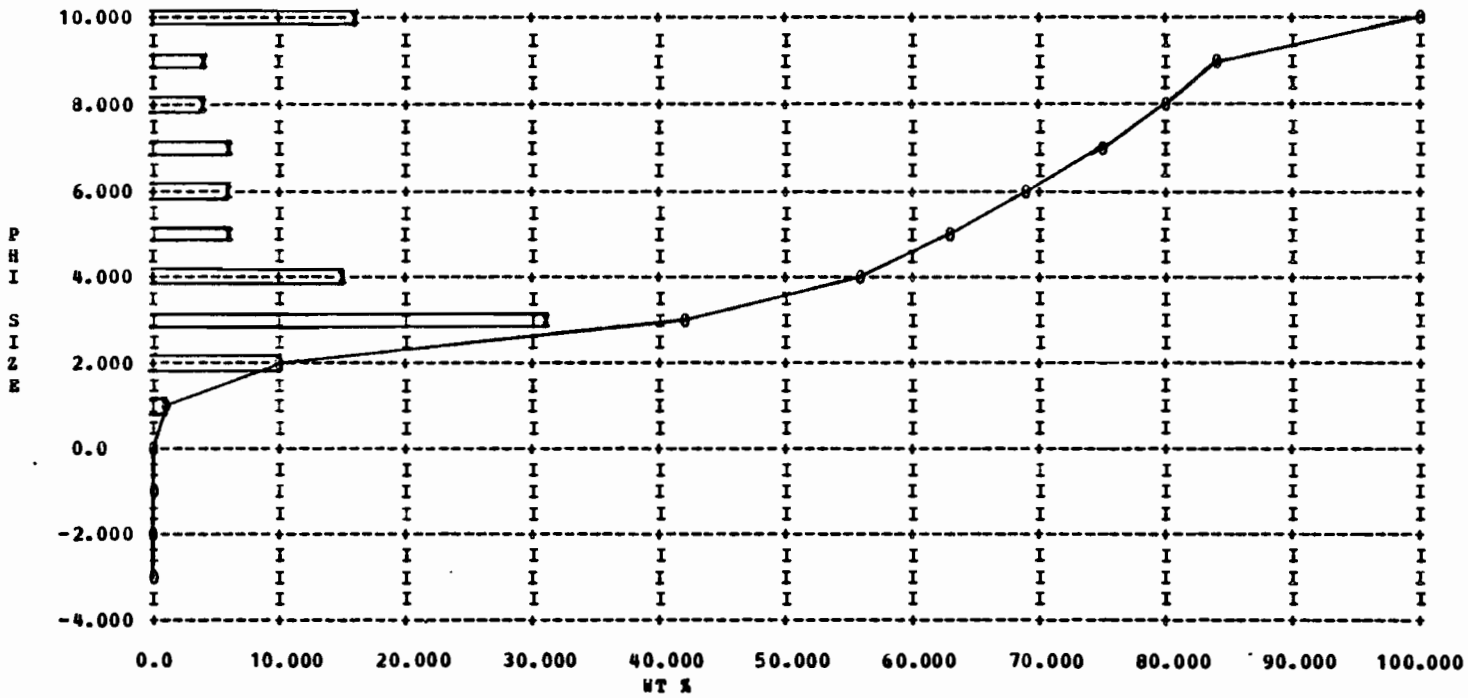
SAMPLE NO. SGB 32 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.704 VARIANCE = 0.77901E+01 STANDARD DEVIATION = 2.791
SKEWNESS = 0.328 KURTOSIS = -1.043 THIRD MOMENT = 0.14255E+02 FOURTH MOMENT = 0.11876E+03

CALCULATION OF FOLKS STATISTICS
MZ = 4.937 SORTING = 2.835 SKEWNESS = 0.554 KURTOSIS = 0.706

FOLKS TEXTURAL DESCRIPTION
MUDDY SAND
VERY POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.630 SIGMA PHI = 3.376 SKEWNESS = 0.611
KG (INMAN)= 0.121 ALPHA TWO PHI = 0.556



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

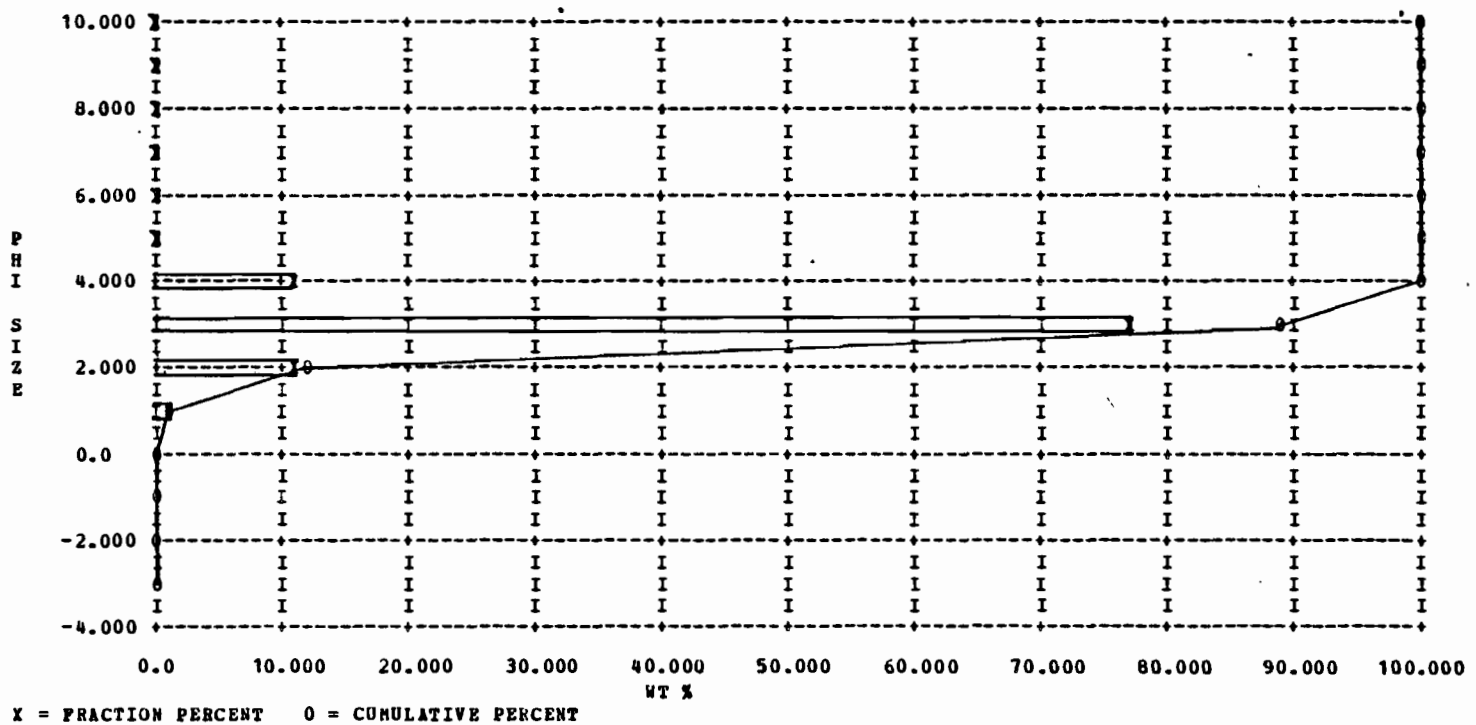
SAMPLE NO. SGB 33 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 2.482 VARIANCE = 0.27601E+00 STANDARD DEVIATION = 0.525
SKEWNESS = -0.339 KURTOSIS = 3.605 THIRD MOMENT =-0.98373E-01 FOURTH MOMENT = 0.50322E+00

CALCULATION OF FOLKS STATISTICS
MZ = 2.492 SORTING = 0.452 SKEWNESS = -0.081 KURTOSIS = 1.158

FOLKS TEXTURAL DESCRIPTION
SAND
MODERATELY SORTED
LEPTOKURTIC
NEAR SYMMETRICAL

CALCULATION OF INMANS STATISTICS
M PHI = 2.495 SIGMA PHI = 0.418 SKEWNESS = -0.0
KG (INMAN)= 0.916 ALPHA TWO PHI =-0.311



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 34 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.689 VARIANCE = 0.57292E+01 STANDARD DEVIATION = 2.394

SKEWNESS = 0.297 KURTOSIS = -1.239 THIRD MOMENT = 0.81582E+01 FOURTH MOMENT = 0.57793E+02

CALCULATION OF FOLKS STATISTICS

MZ = 5.811 SORTING = 2.246 SKEWNESS = 0.568 KURTOSIS = 0.565

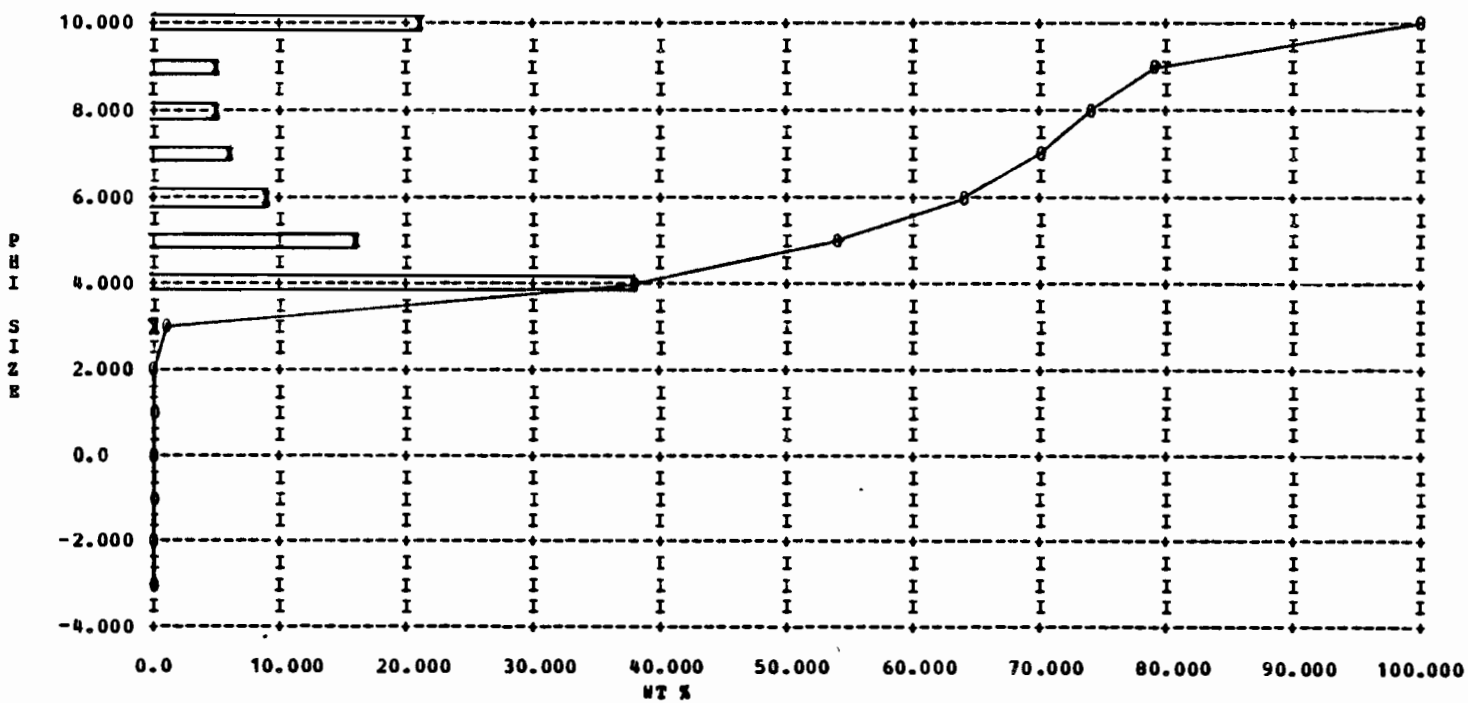
FOLKS TEXTURAL DESCRIPTION

SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.359 SIGMA PHI = 2.697 SKEWNESS = 0.603

KG (INMAN)= 0.098 ALPHA TWO PHI = 0.585



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

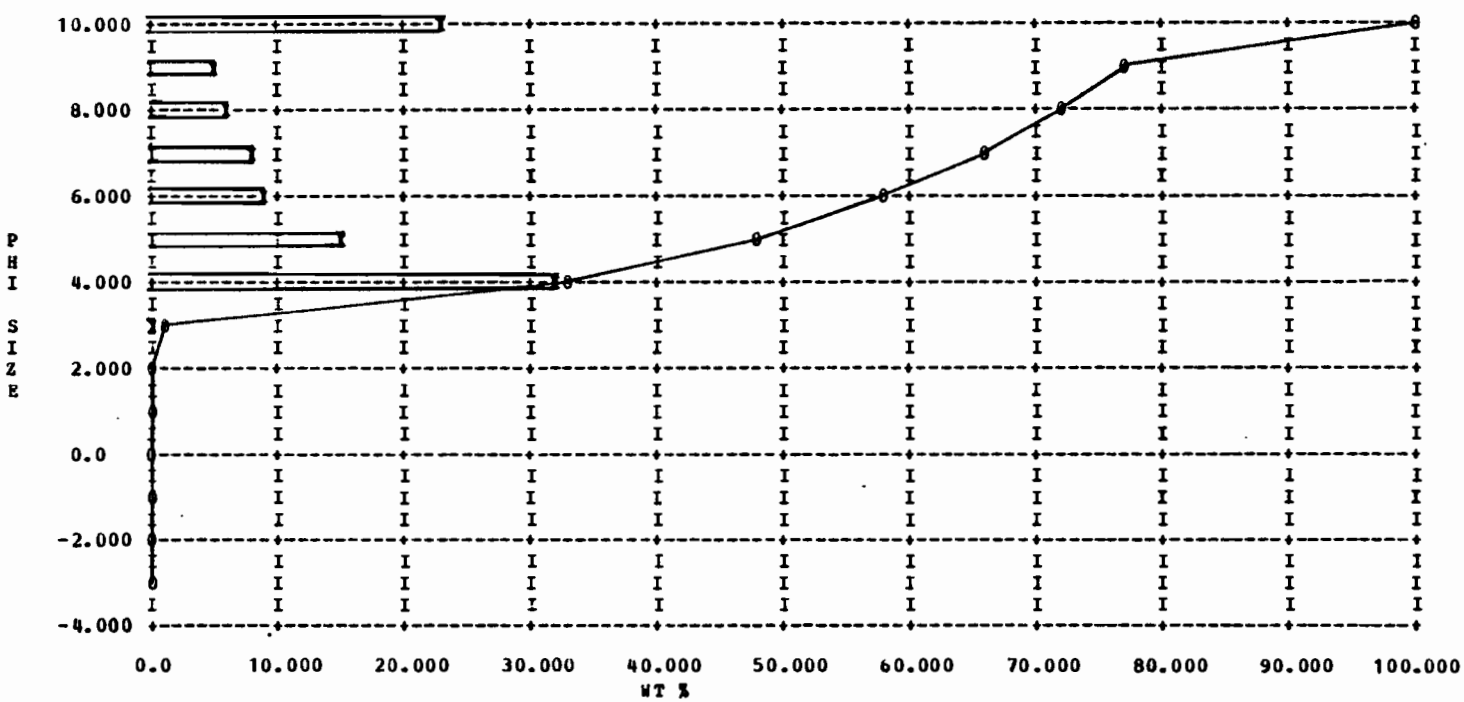
SAMPLE NO. SGB 35 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.948 VARIANCE = 0.58151E+01 STANDARD DEVIATION = 2.411
SKEWNESS = 0.197 KURTOSIS = -1.412 THIRD MOMENT = 0.55350E+01 FOURTH MOMENT = 0.53696E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.985 SORTING = 2.241 SKEWNESS = 0.417 KURTOSIS = 0.517

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.393 SIGMA PHI = 2.687 SKEWNESS = 0.450
KG (INMAN)= 0.102 ALPHA TWO PHI = 0.425



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

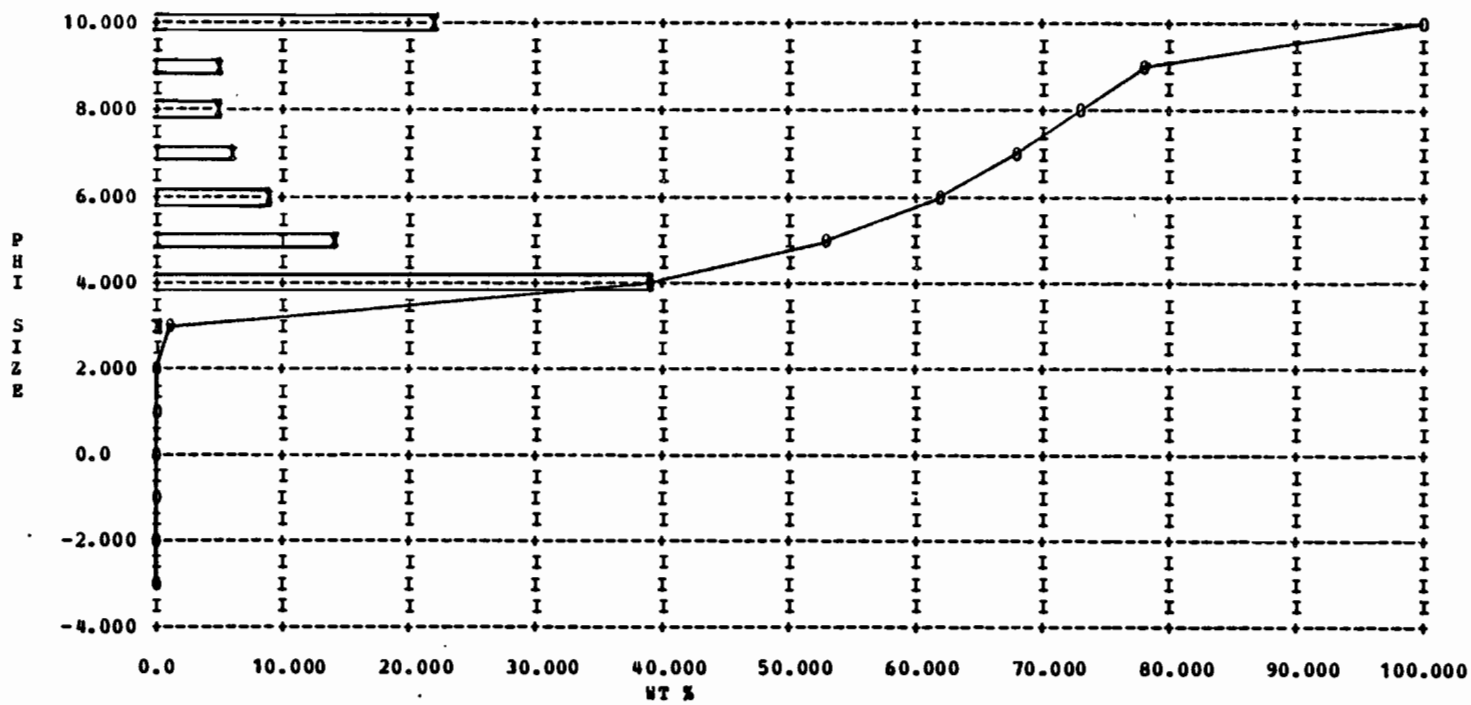
SAMPLE NO. SGB 36 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.747 VARIANCE = 0.58666E+01 STANDARD DEVIATION = 2.422
SKEWNESS = 0.274 KURTOSIS = -1.319 THIRD MOMENT = 0.77989E+01 FOURTH MOMENT = 0.57860E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.840 SORTING = 2.238 SKEWNESS = 0.557 KURTOSIS = 0.537

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.375 SIGMA PHI = 2.693 SKEWNESS = 0.589
KG (INMAN)= 0.093 ALPHA TWO PHI = 0.575



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

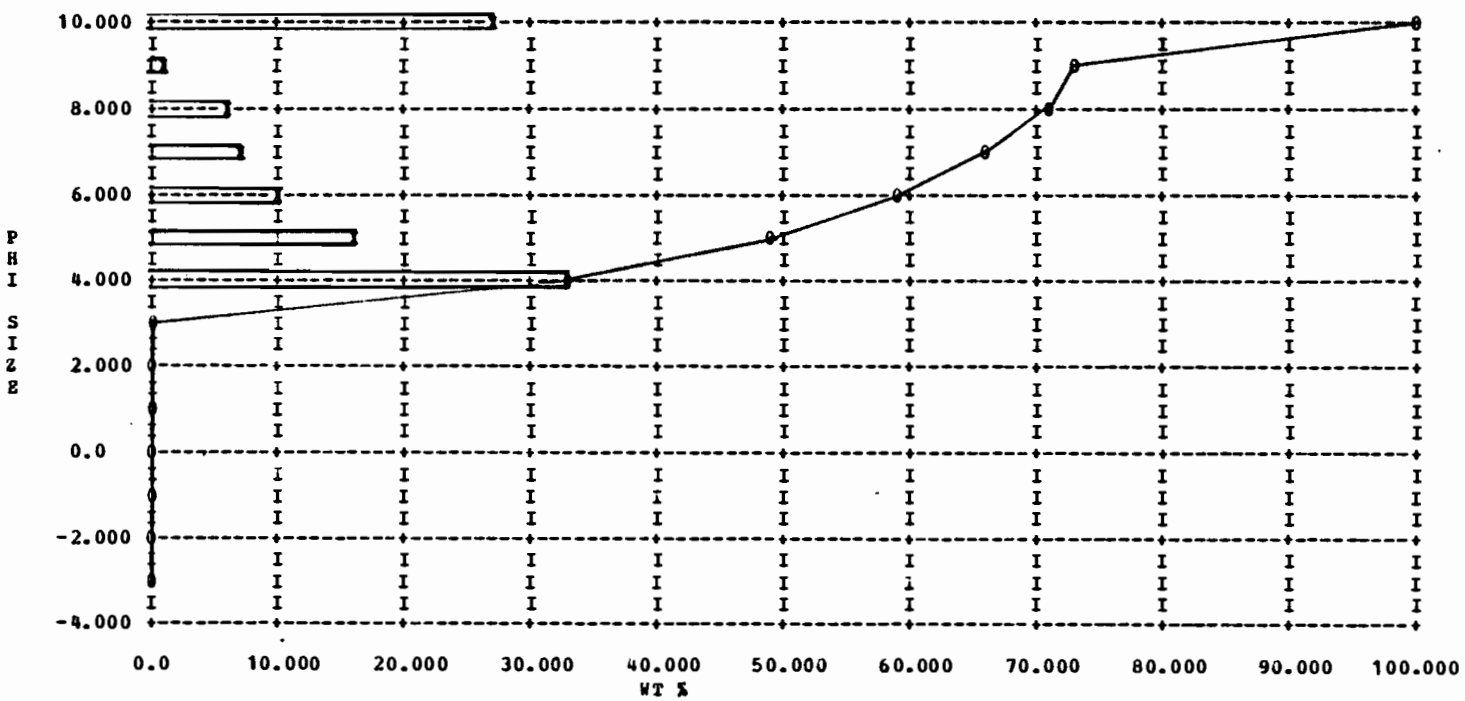
SAMPLE NO. SGB 37 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.986 VARIANCE = 0.60828E+01 STANDARD DEVIATION = 2.466
SKEWNESS = 0.213 KURTOSIS = -1.451 THIRD MOMENT = 0.63802E+01 FOURTH MOMENT = 0.57307E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.983 SORTING = 2.237 SKEWNESS = 0.461 KURTOSIS = 0.470

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.430 SIGMA PHI = 2.691 SKEWNESS = 0.491
KG (INMAN)= 0.093 ALPHA TWO PHI = 0.471



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

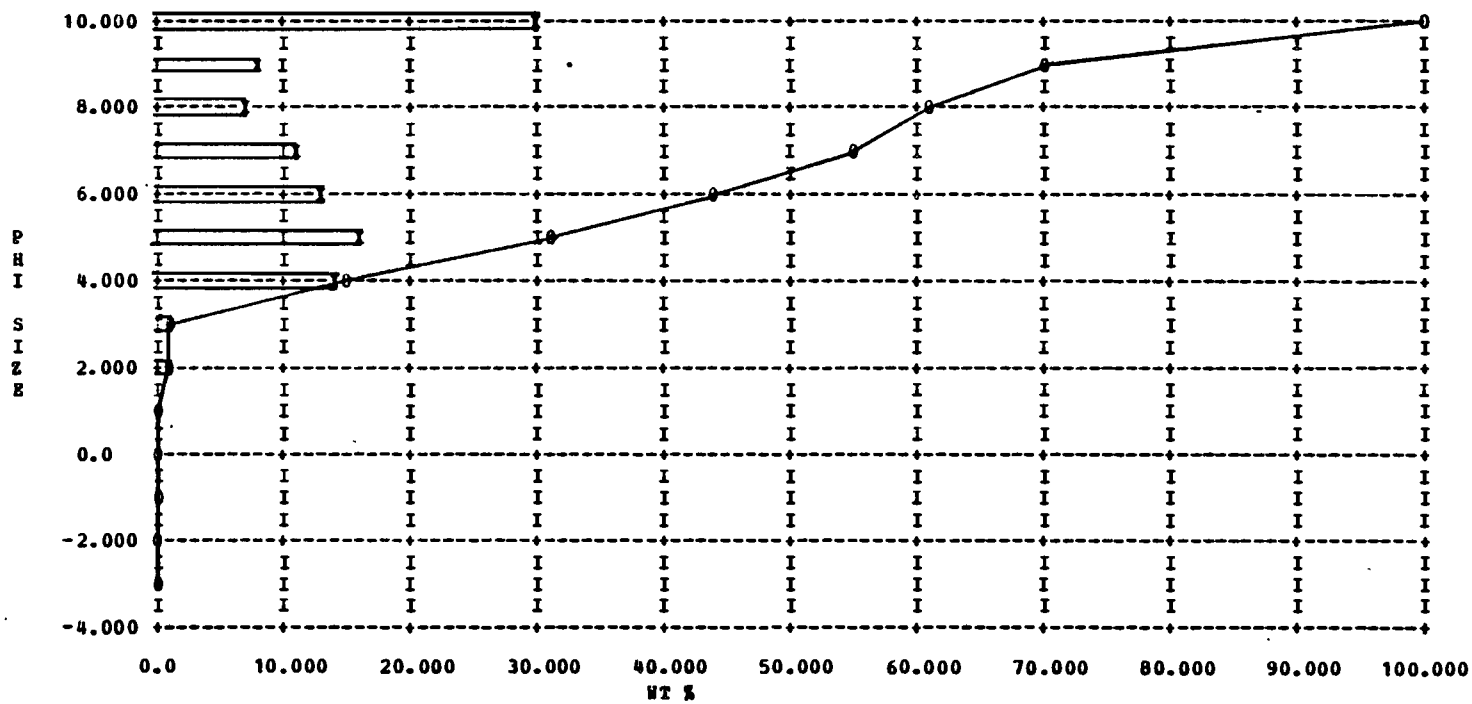
SAMPLE NO. SGB 38 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 6.726 VARIANCE = 0.53652E+01 STANDARD DEVIATION = 2.316
SKEWNESS = -0.045 KURTOSIS = -1.427 THIRD MOMENT =-0.11247E+01 FOURTH MOMENT = 0.45292E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.586 SORTING = 2.160 SKEWNESS = -0.027 KURTOSIS = 0.547

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
NEAR SYMMETRICAL

CALCULATION OF INMANS STATISTICS
M PHI = 6.597 SIGMA PHI = 2.547 SKEWNESS = 0.005
KG (INMAN)= 0.149 ALPHA TWO PHI =-0.068



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 39 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 4.578 VARIANCE = 0.85783E+01 STANDARD DEVIATION = 2.929
SKEWNESS = 0.263 KURTOSIS = -1.114 THIRD MOMENT = 0.13222E+02 FOURTH MOMENT = 0.13876E+03

CALCULATION OF FOLKS STATISTICS

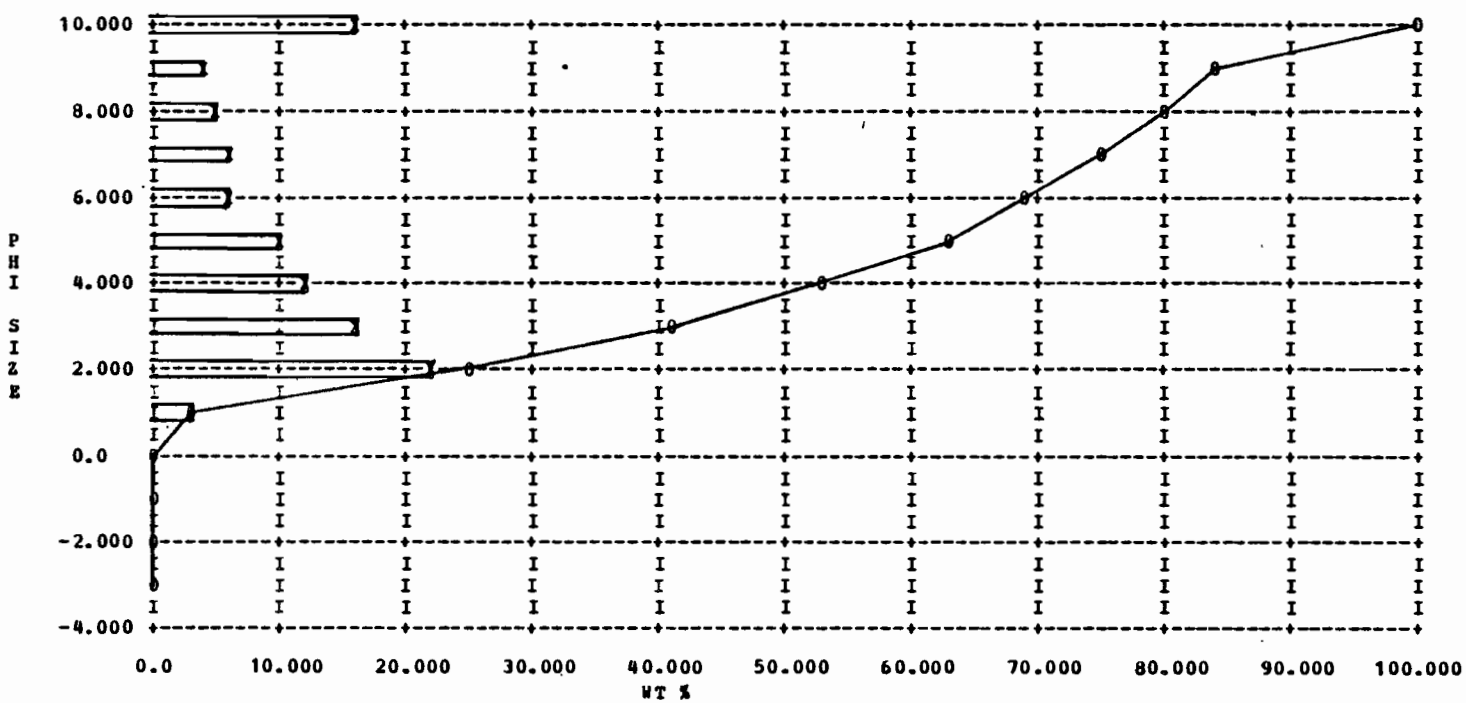
MZ = 4.832 SORTING = 3.026 SKEWNESS = 0.405 KURTOSIS = 0.659

FOLKS TEXTURAL DESCRIPTION

MUDDY SAND
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 5.374 SIGMA PHI = 3.626 SKEWNESS = 0.445
KG (INMAN)= 0.104 ALPHA TWO PHI = 0.403



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

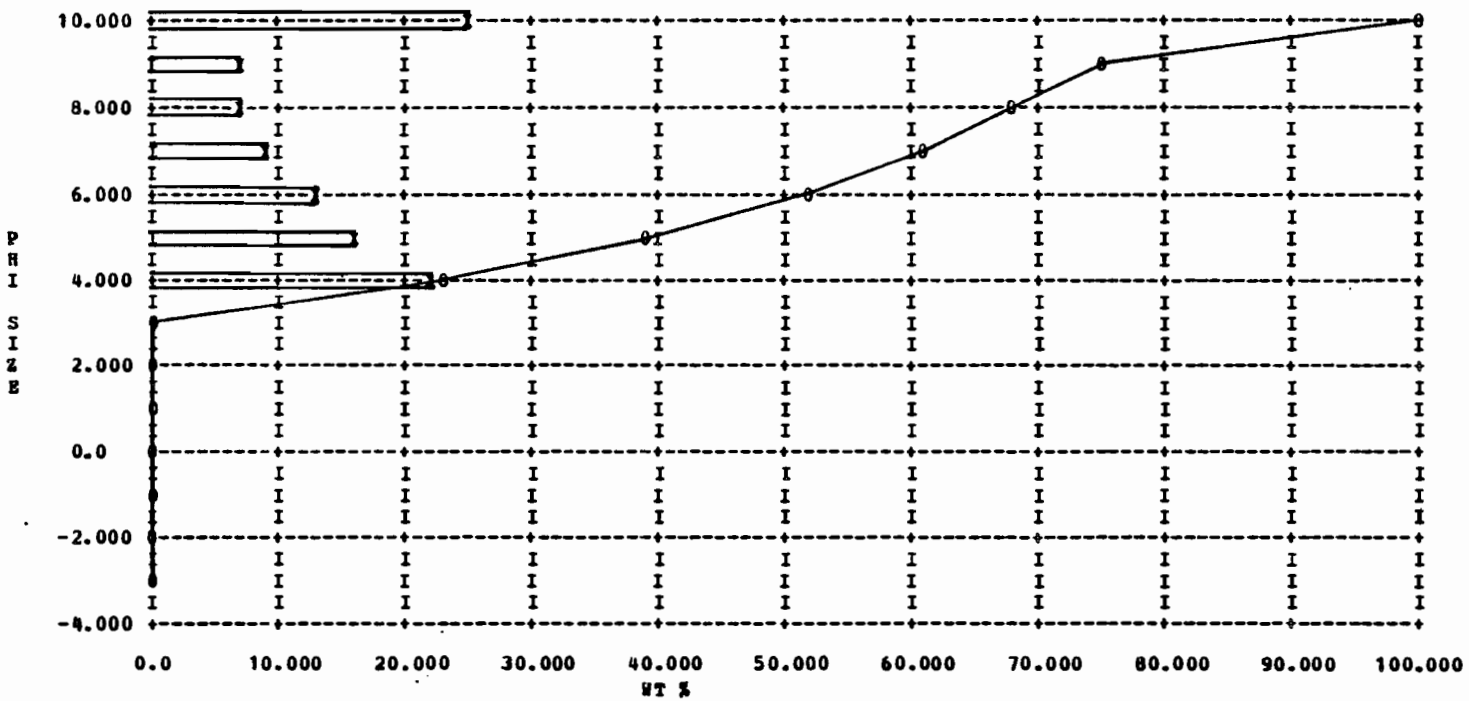
SAMPLE NO. SGB 40 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 6.320 VARIANCE = 0.54677E+01 STANDARD DEVIATION = 2.338
SKEWNESS = 0.101 KURTOSIS = -1.486 THIRD MOMENT = 0.25862E+01 FOURTH MOMENT = 0.45259E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.261 SORTING = 2.183 SKEWNESS = 0.230 KURTOSIS = 0.489

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.489 SIGMA PHI = 2.616 SKEWNESS = 0.254
KG (INMAN) = 0.104 ALPHA TWO PHI = 0.227



I = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

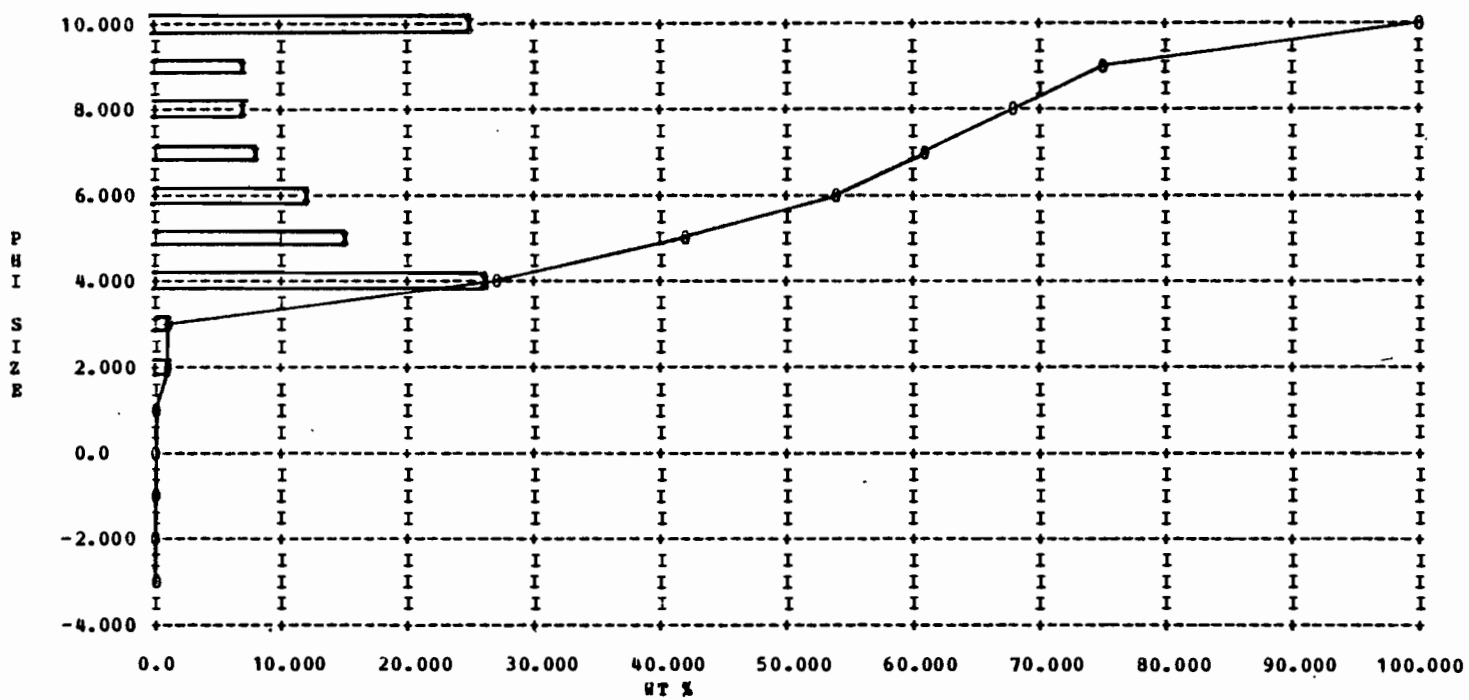
SAMPLE NO. SGB 41 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 6.209 VARIANCE = 0.58511E+01 STANDARD DEVIATION = 2.419
SKEWNESS = 0.103 KURTOSIS = -1.475 THIRD MOMENT = 0.29111E+01 FOURTH MOMENT = 0.52215E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.176 SORTING = 2.240 SKEWNESS = 0.245 KURTOSIS = 0.484

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.429 SIGMA PHI = 2.674 SKEWNESS = 0.277
KG (INMAN)= 0.115 ALPHA TWO PHI = 0.238



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 42 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.996 VARIANCE = 0.60902E+01 STANDARD DEVIATION = 2.468
SKEWNESS = 0.140 KURTOSIS = -1.389 THIRD MOMENT = 0.42098E+01 FOURTH MOMENT = 0.59740E+02

CALCULATION OF FOLKS STATISTICS

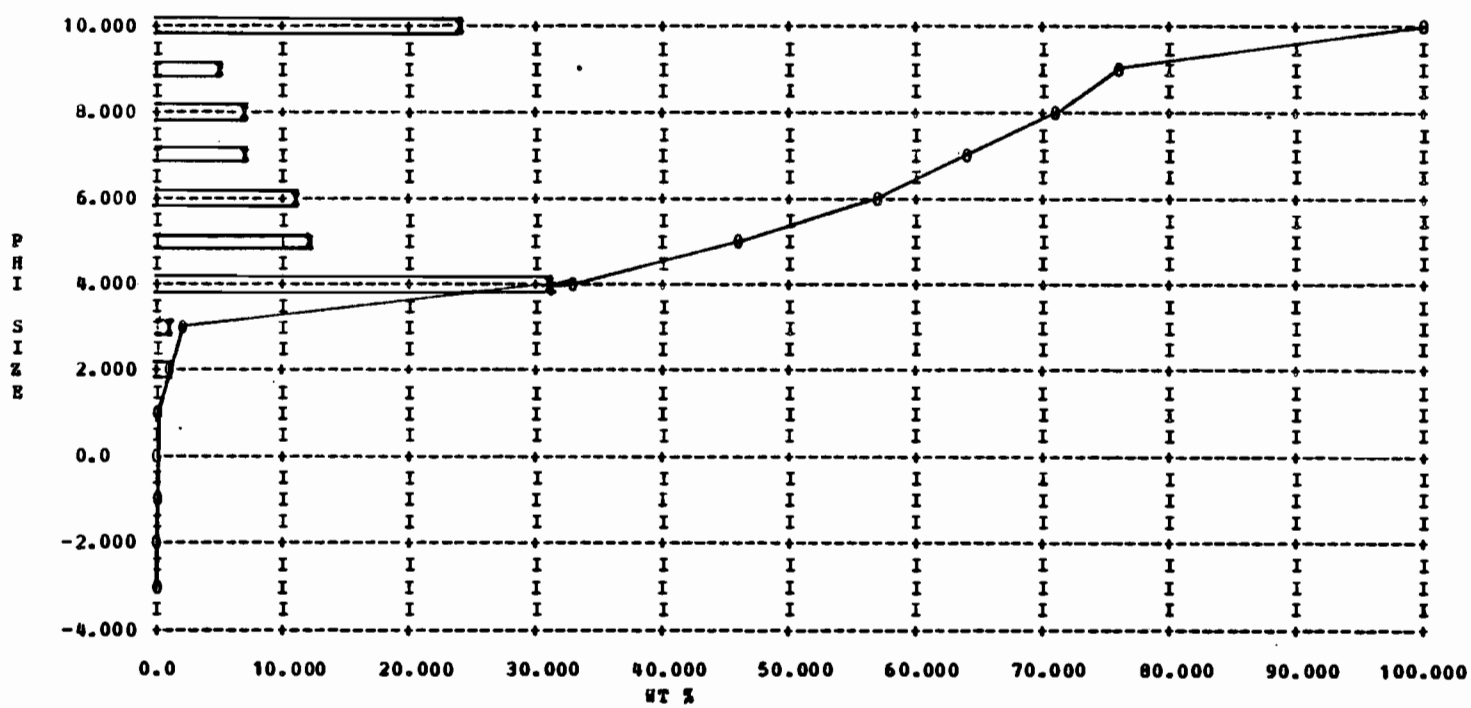
MZ = 6.037 SORTING = 2.278 SKEWNESS = 0.324 KURTOSIS = 0.504

FOLKS TEXTURAL DESCRIPTION

SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.369 SIGMA PHI = 2.721 SKEWNESS = 0.359
KG (INMAN)= 0.113 ALPHA TWO PHI = 0.322



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 43 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.084 VARIANCE = 0.43909E+01 STANDARD DEVIATION = 2.095
SKEWNESS = 0.578 KURTOSIS = -0.072 THIRD MOMENT = 0.10641E+02 FOURTH MOMENT = 0.56453E+02

CALCULATION OF FOLKS STATISTICS

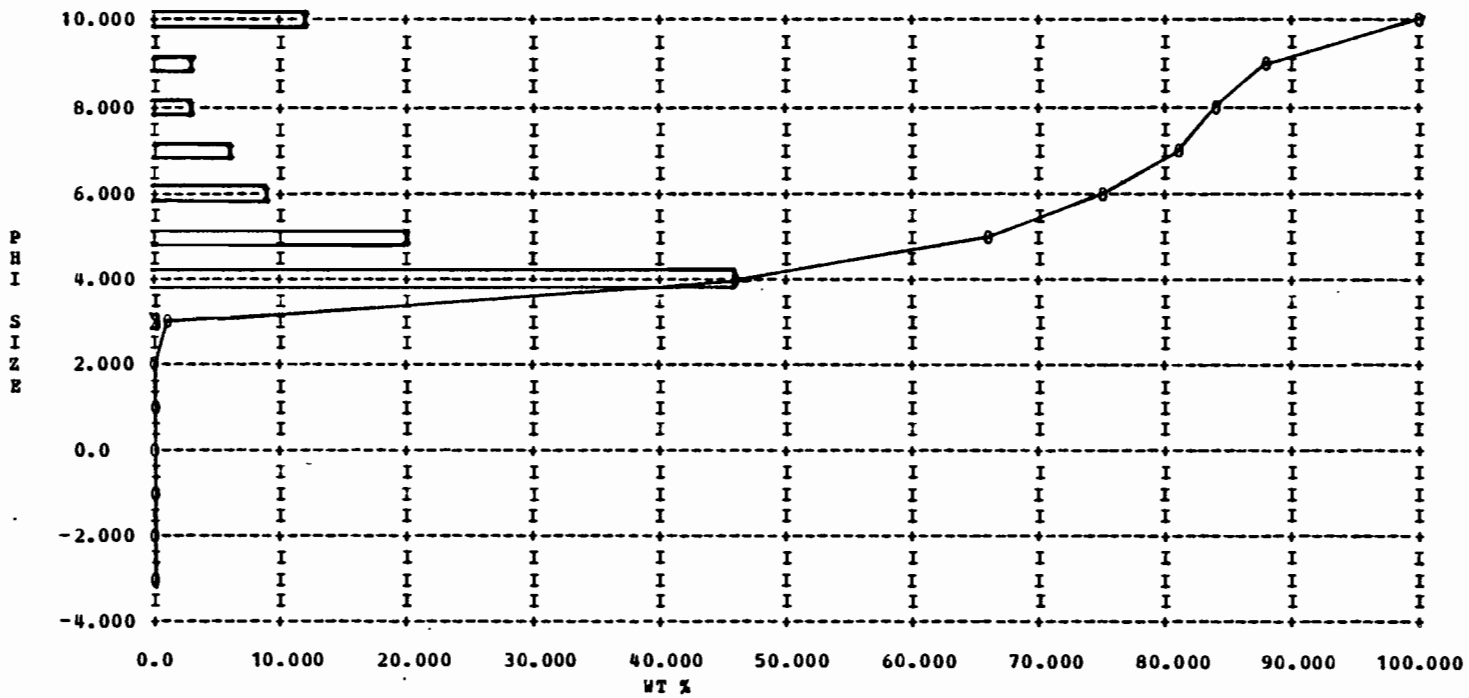
MZ = 5.230 SORTING = 1.949 SKEWNESS = 0.731 KURTOSIS = 1.087

FOLKS TEXTURAL DESCRIPTION

SANDY SILT
POORLY SORTED
MESOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 5.763 SIGMA PHI = 2.135 SKEWNESS = 0.742
KG (INMAN)= 0.363 ALPHA TWO PHI = 0.980



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

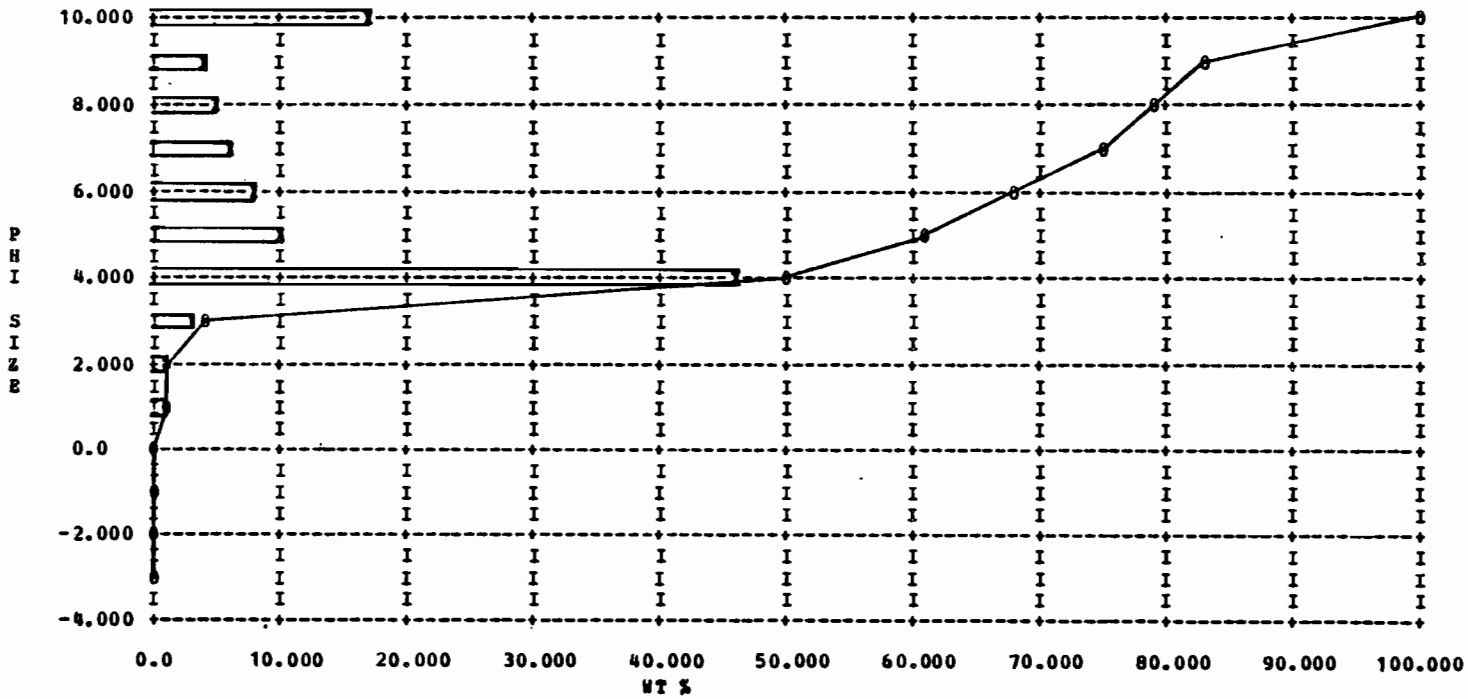
SAMPLE NO. SGB 44 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.271 VARIANCE = 0.56887E+01 STANDARD DEVIATION = 2.385
SKEWNESS = 0.378 KURTOSIS = -0.846 THIRD MOMENT = 0.10253E+02 FOURTH MOMENT = 0.69697E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.471 SORTING = 2.332 SKEWNESS = 0.745 KURTOSIS = 0.733

FOLKS TEXTURAL DESCRIPTION
MUDDY SAND
VERY POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.216 SIGMA PHI = 2.792 SKEWNESS = 0.795
KG (INMAN) = 0.107 ALPHA TWO PHI = 0.769



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

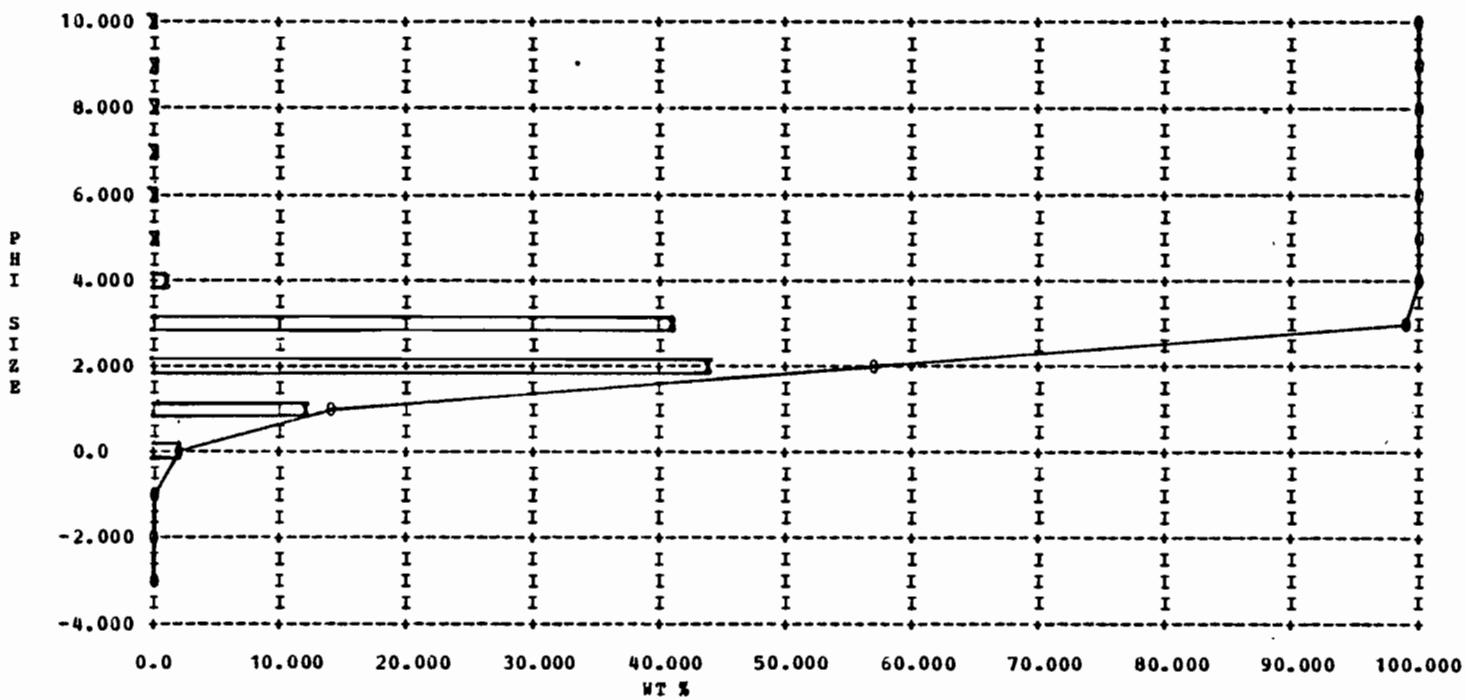
SAMPLE NO. SGB 45 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 1.780 VARIANCE = 0.59071E+00 STANDARD DEVIATION = 0.769
SKEWNESS = -0.344 KURTOSIS = 0.610 THIRD MOMENT =-0.31239E+00 FOURTH MOMENT = 0.12597E+01

CALCULATION OF FOLKS STATISTICS
MZ = 1.773 SORTING = 0.674 SKEWNESS = -0.208 KURTOSIS = 1.017

FOLKS TEXTURAL DESCRIPTION
SLIGHTLY GRAVELLY SAND
MODERATELY SORTED
MESOKURTIC
COARSE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 1.736 SIGMA PHI = 0.661 SKEWNESS = -0.177
KG (INMAN)= 0.715 ALPHA TWO PHI =-0.408



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 46 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.711 VARIANCE = 0.58128E+01 STANDARD DEVIATION = 2.411
SKEWNESS = 0.270 KURTOSIS = -1.263 THIRD MOMENT = 0.75818E+01 FOURTH MOMENT = 0.58692E+02

CALCULATION OF FOLKS STATISTICS

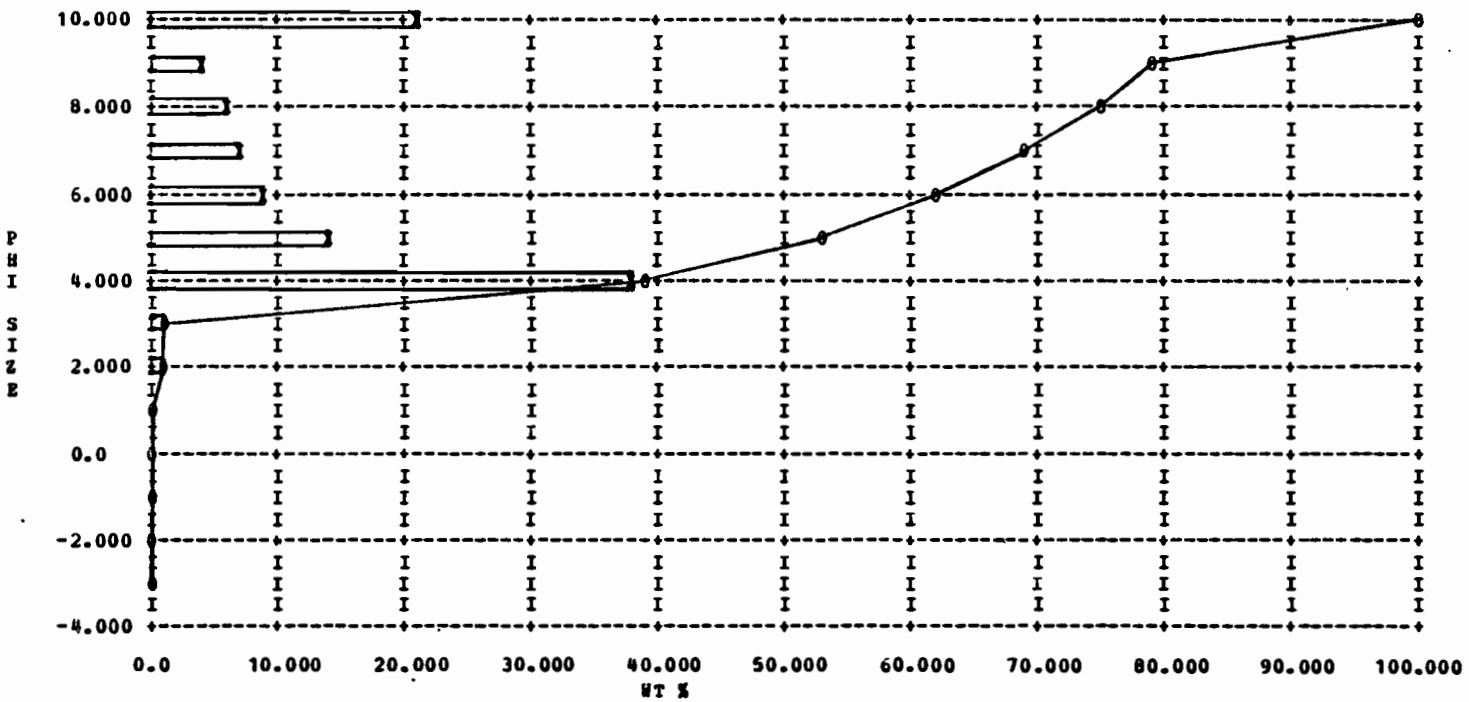
MZ = 5.818 SORTING = 2.262 SKEWNESS = 0.541 KURTOSIS = 0.575

FOLKS TEXTURAL DESCRIPTION

SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.346 SIGMA PHI = 2.714 SKEWNESS = 0.577
KG (INMAN)= 0.101 ALPHA TWO PHI = 0.555



I = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

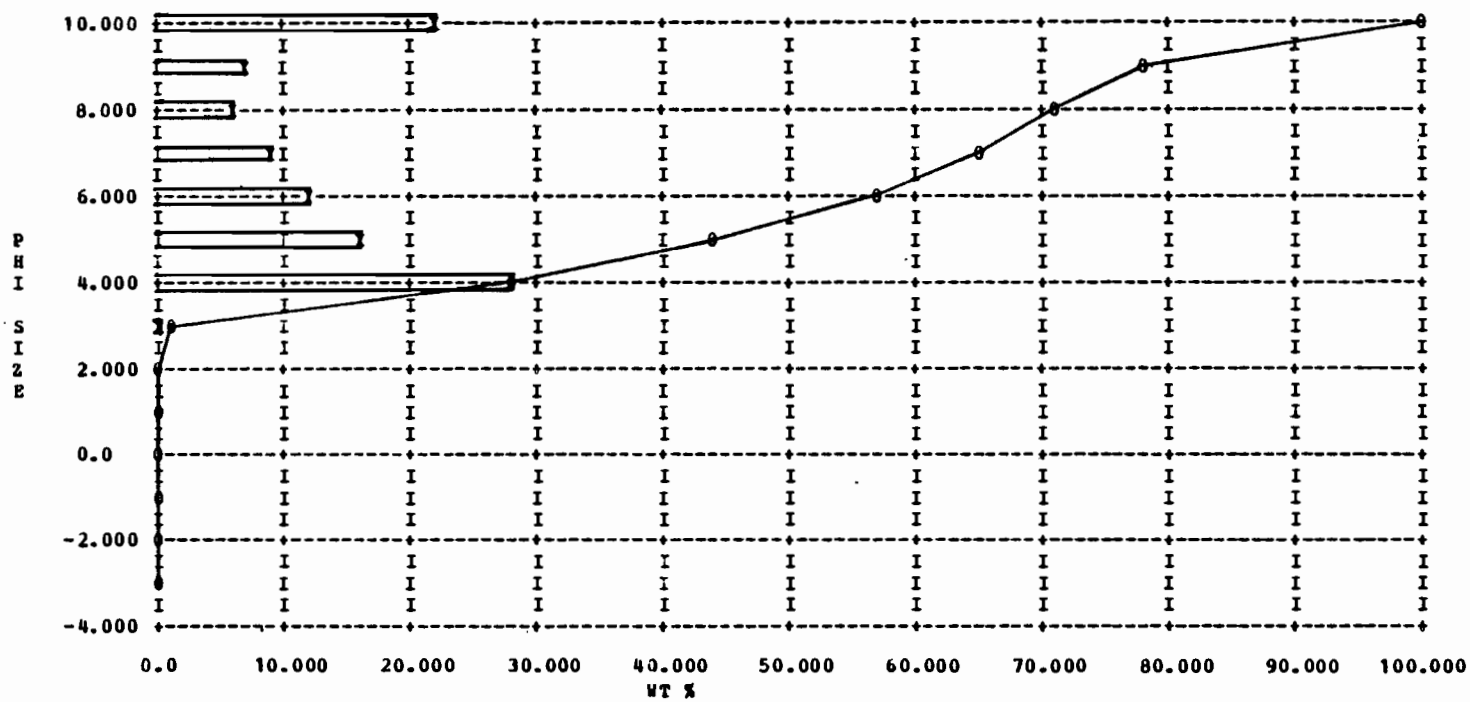
SAMPLE NO. SGB 47 22 V 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 6.050 VARIANCE = 0.54825E+01 STANDARD DEVIATION = 2.341
SKEWNESS = 0.177 KURTOSIS = -1.397 THIRD MOMENT = 0.45542E+01 FOURTH MOMENT = 0.48169E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.100 SORTING = 2.205 SKEWNESS = 0.337 KURTOSIS = 0.522

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.427 SIGMA PHI = 2.644 SKEWNESS = 0.364
KG (INMAN)= 0.102 ALPHA TWO PHI = 0.341



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

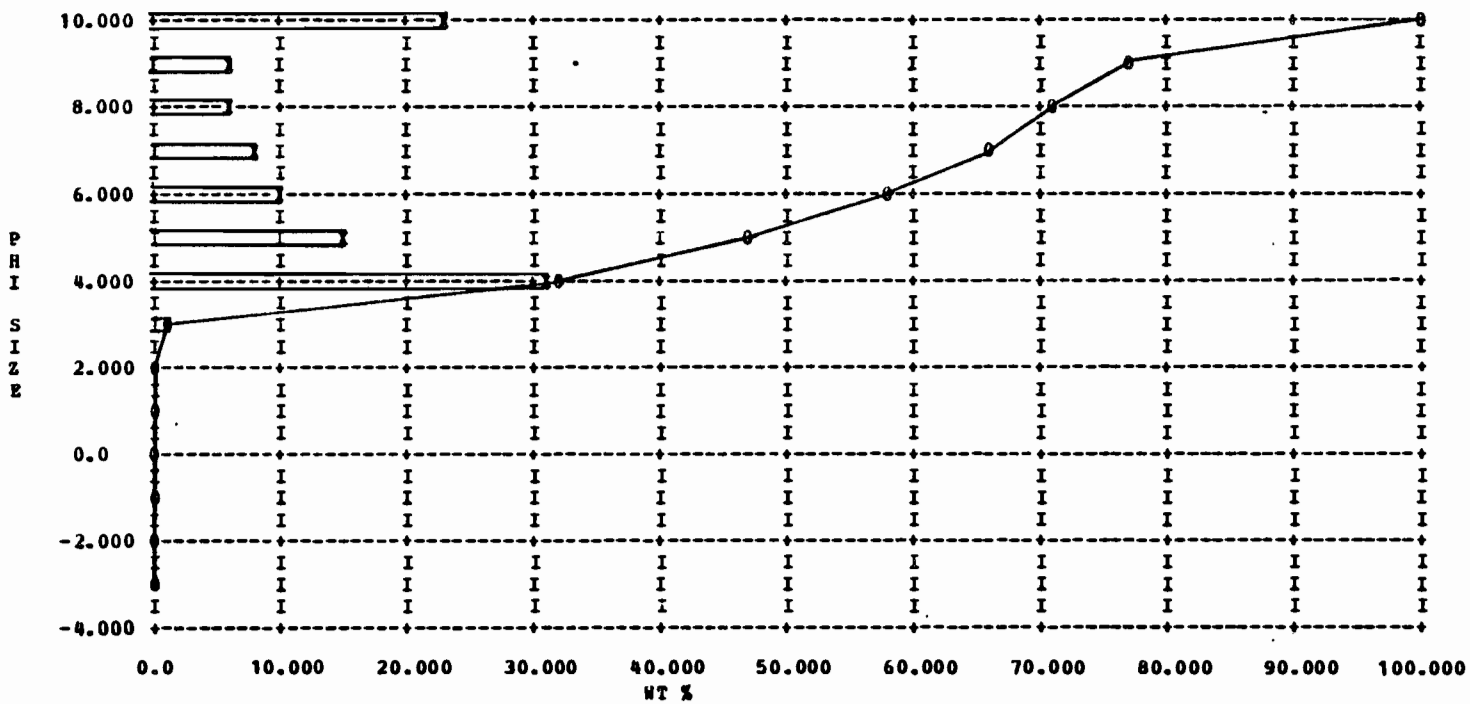
SAMPLE NO. SGB 48 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.978 VARIANCE = 0.57658E+01 STANDARD DEVIATION = 2.401
SKEWNESS = 0.189 KURTOSIS = -1.402 THIRD MOMENT = 0.52212E+01 FOURTH MOMENT = 0.53118E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.019 SORTING = 2.237 SKEWNESS = 0.388 KURTOSIS = 0.514

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.400 SIGMA PHI = 2.680 SKEWNESS = 0.419
KG (INMAN)= 0.104 ALPHA TWO PHI = 0.393



I = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

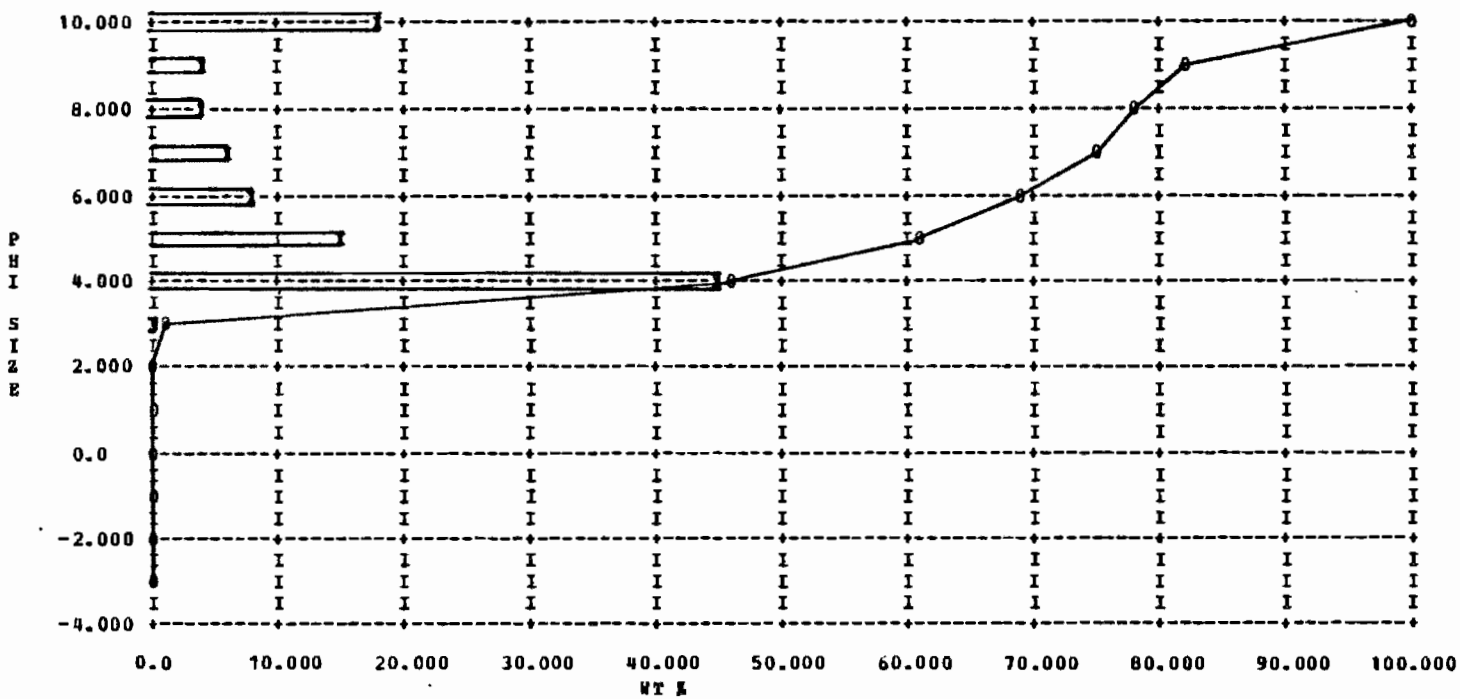
SAMPLE NO. SGB 49 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.384 VARIANCE = 0.54223E+01 STANDARD DEVIATION = 2.329
SKEWNESS = 0.419 KURTOSIS = -0.881 THIRD MOMENT = 0.10590E+02 FOURTH MOMENT = 0.62297E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.636 SORTING = 2.244 SKEWNESS = 0.719 KURTOSIS = 0.724

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.322 SIGMA PHI = 2.701 SKEWNESS = 0.755
KG (INMAN)= 0.092 ALPHA TWO PHI = 0.745



I = FRACTION PERCENT O = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 50 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 6.357 VARIANCE = 0.57985E+01 STANDARD DEVIATION = 2.408
SKEWNESS = 0.069 KURTOSIS = -1.539 THIRD MOMENT = 0.19181E+01 FOURTH MOMENT = 0.49115E+02

CALCULATION OF FOLKS STATISTICS

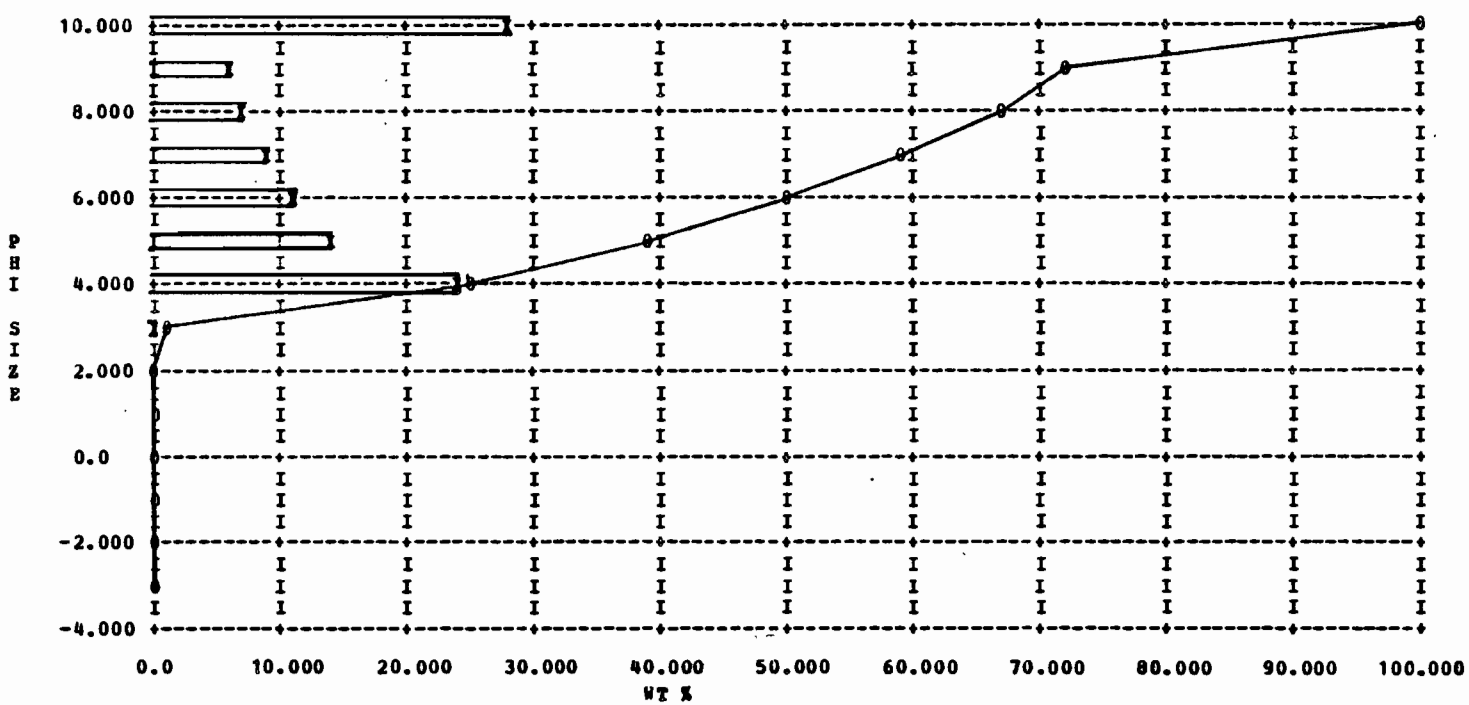
MZ = 6.301 SORTING = 2.218 SKEWNESS = 0.157 KURTOSIS = 0.479

FOLKS TEXTURAL DESCRIPTION

SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.467 SIGMA PHI = 2.655 SKEWNESS = 0.180
KG (INMAN)= 0.108 ALPHA TWO PHI = 0.147



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

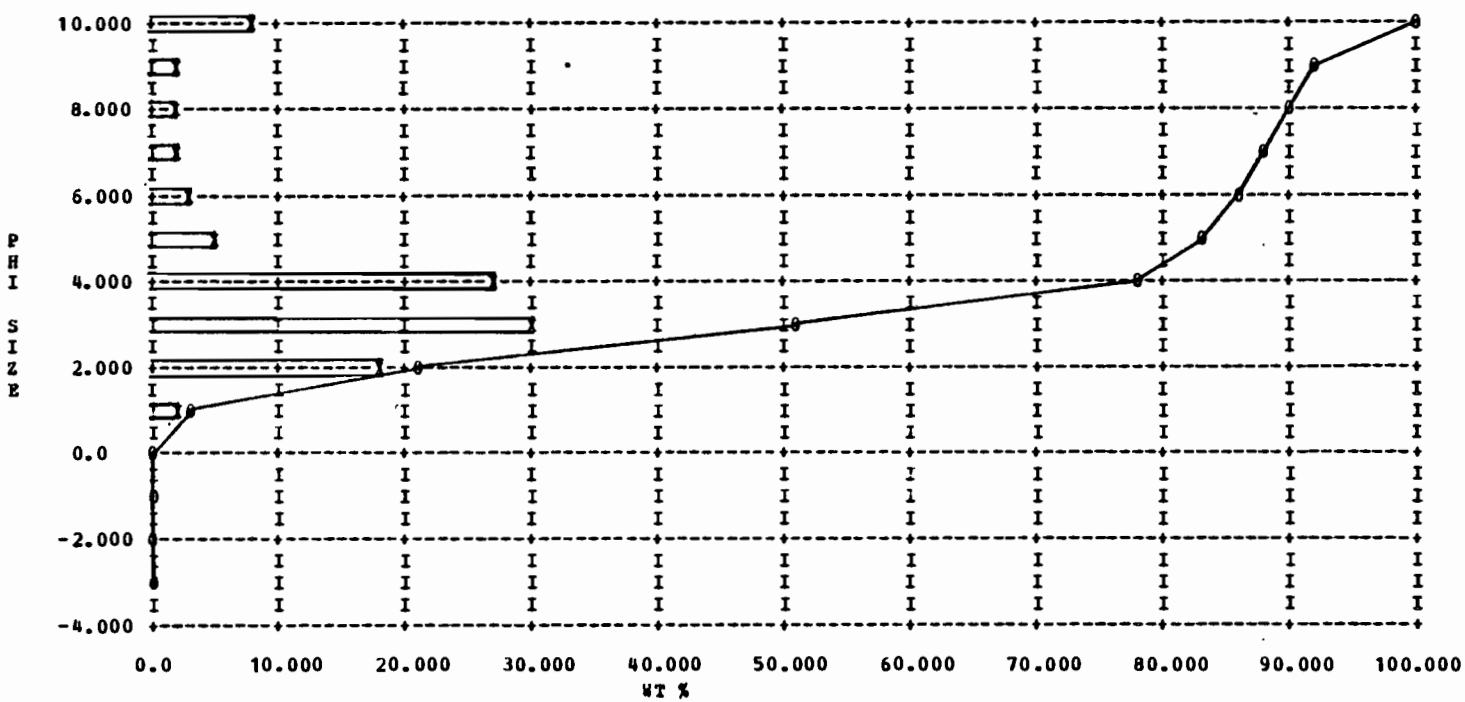
SAMPLE NO. SGB 51 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 3.570 VARIANCE = 0.52299E+01 STANDARD DEVIATION = 2.287
SKEWNESS = 0.740 KURTOSIS = 1.424 THIRD MOMENT = 0.17703E+02 FOURTH MOMENT = 0.12101E+03

CALCULATION OF FOLKS STATISTICS
MZ = 3.367 SORTING = 2.049 SKEWNESS = 0.455 KURTOSIS = 1.897

FOLKS TEXTURAL DESCRIPTION
MUDDY SAND
VERY POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 3.569 SIGMA PHI = 1.727 SKEWNESS = 0.345
KG (INMAN) = 1.264 ALPHA TWO PHI = 1.279



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

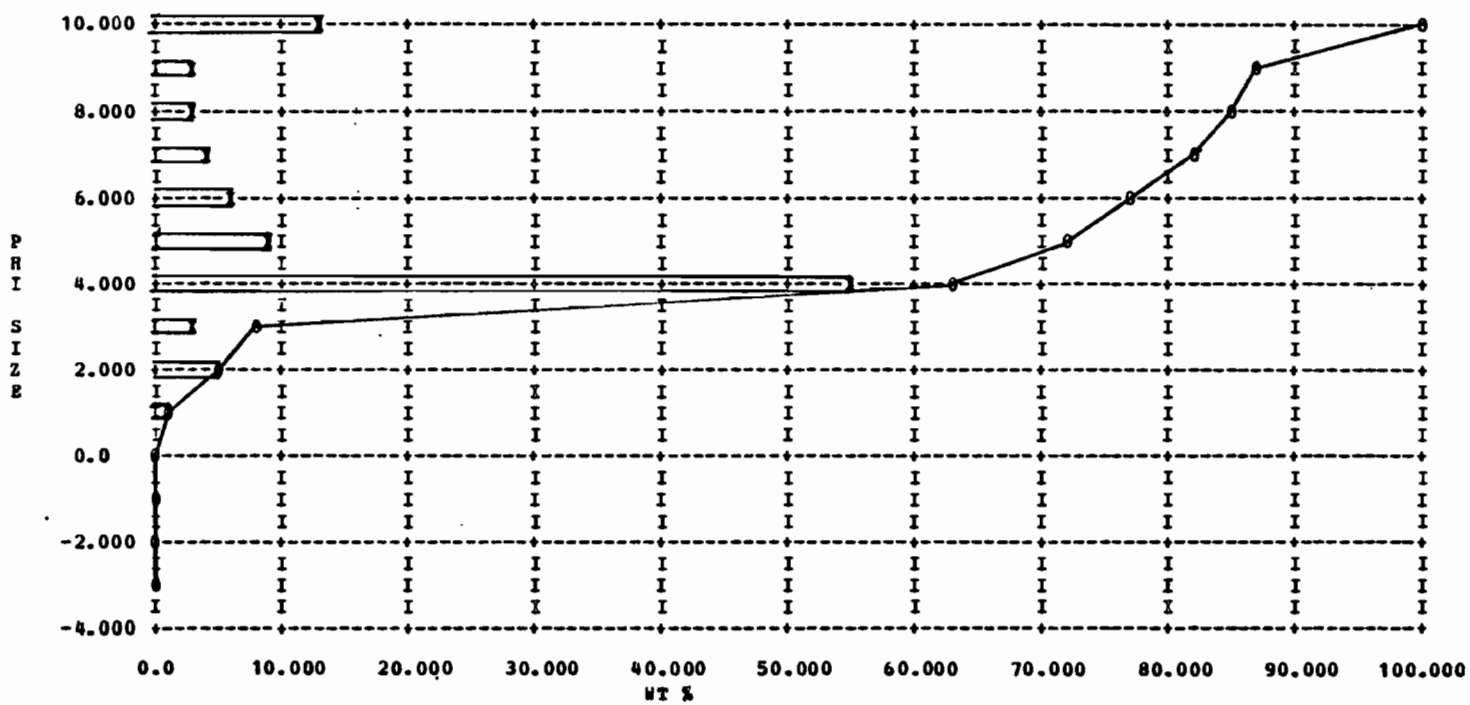
SAMPLE NO. SGB 52 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.695 VARIANCE = 0.52022E+01 STANDARD DEVIATION = 2.281
SKEWNESS = 0.550 KURTOSIS = 0.081 THIRD MOMENT = 0.13048E+02 FOURTH MOMENT = 0.83385E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.912 SORTING = 2.209 SKEWNESS = 0.617 KURTOSIS = 1.402

FOLKS TEXTURAL DESCRIPTION
MUDDY SAND
VERY POORLY SORTED
LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.470 SIGMA PHI = 2.232 SKEWNESS = 0.744
KG (INMAN)= 0.617 ALPHA TWO PHI = 0.791



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 53 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 3.186 VARIANCE = 0.20655E+01 STANDARD DEVIATION = 1.437
SKEWNESS = 1.423 KURTOSIS = 9.390 THIRD MOMENT = 0.84471E+01 FOURTH MOMENT = 0.52859E+02

CALCULATION OF FOLKS STATISTICS

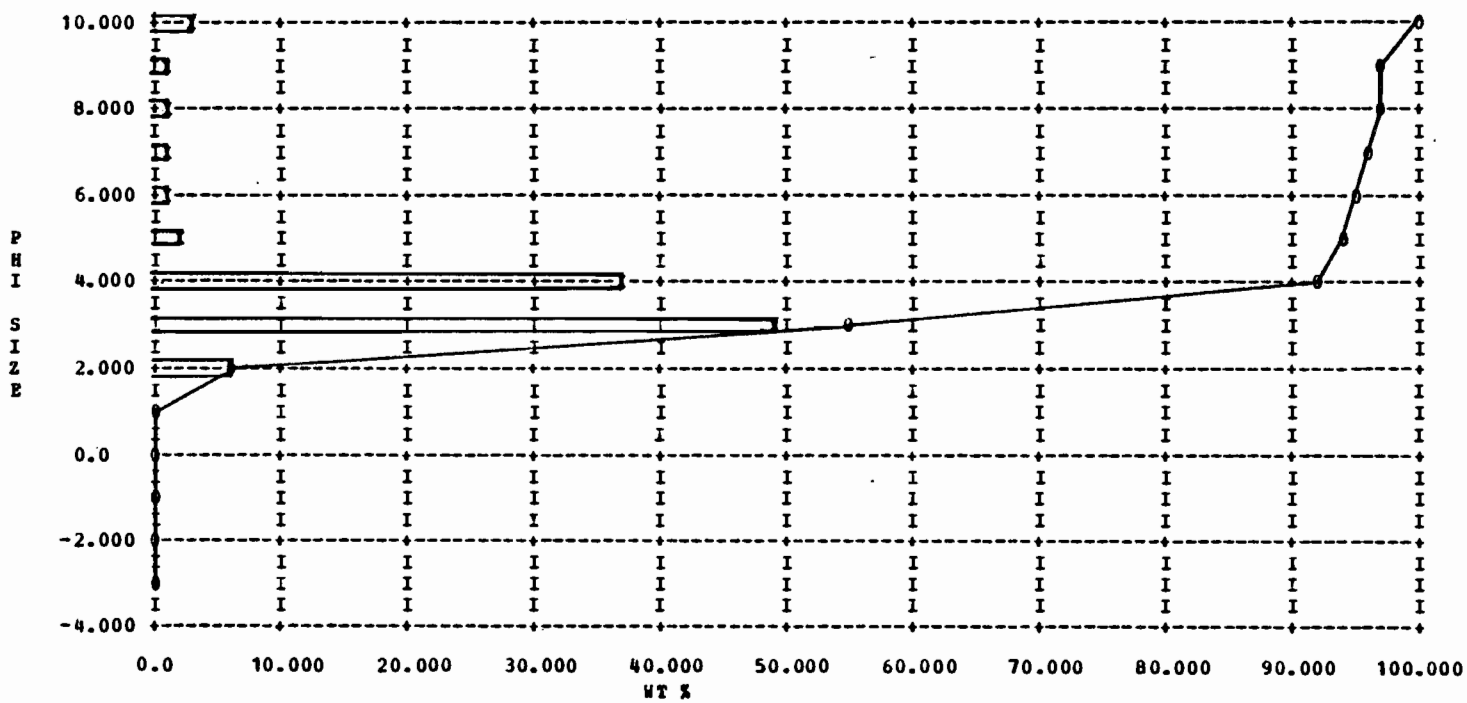
MZ = 2.979 SORTING = 0.973 SKEWNESS = 0.320 KURTOSIS = 1.863

FOLKS TEXTURAL DESCRIPTION

SAND
MODERATELY POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 3.010 SIGMA PHI = 0.682 SKEWNESS = 0.124
KG (INMAN)= 2.057 ALPHA TWO PHI = 1.577



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (conitnued)

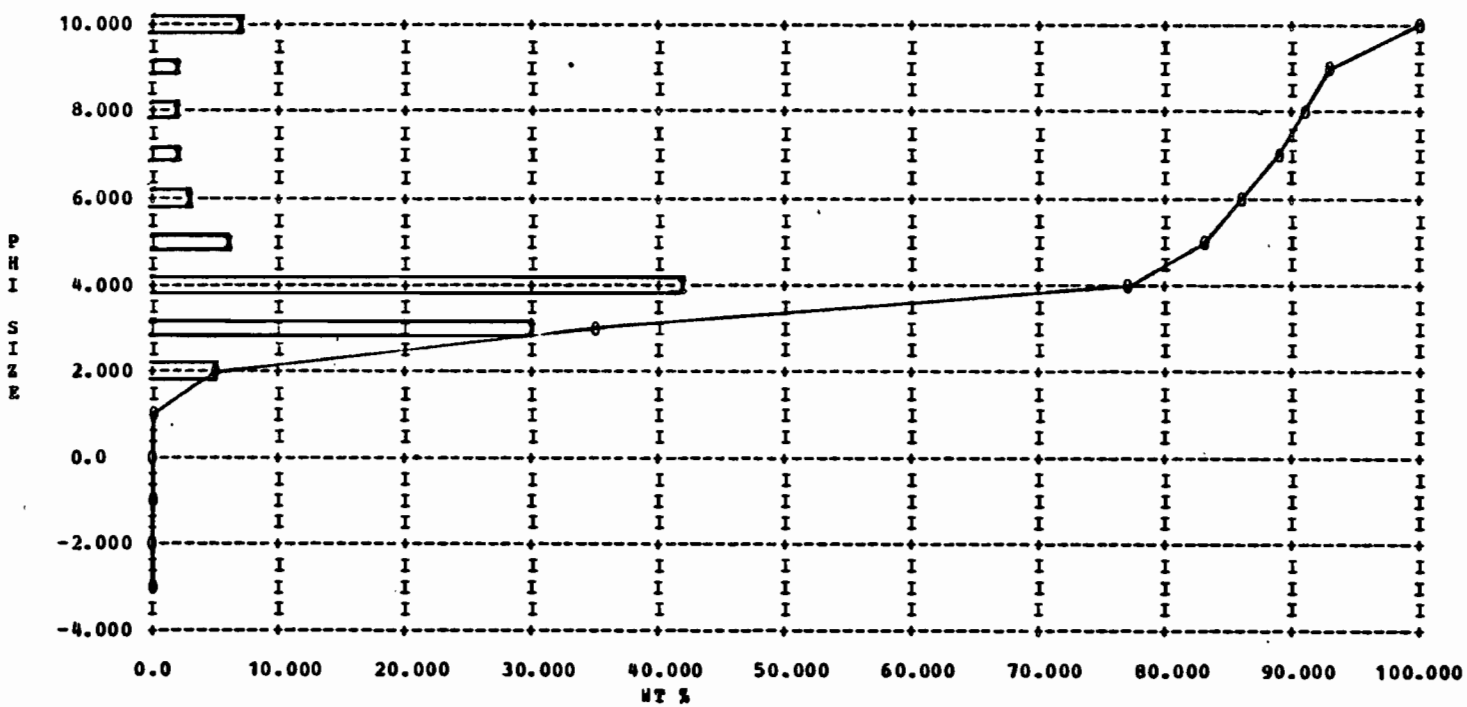
SAMPLE NO. SGB 54 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 3.904 VARIANCE = 0.41329E+01 STANDARD DEVIATION = 2.033
SKEWNESS = 0.846 KURTOSIS = 2.040 THIRD MOMENT = 0.14222E+02 FOURTH MOMENT = 0.86084E+02

CALCULATION OF FOLKS STATISTICS
MZ = 3.701 SORTING = 1.755 SKEWNESS = 0.509 KURTOSIS = 2.488

FOLKS TEXTURAL DESCRIPTION
MUDDY SAND
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 3.885 SIGMA PHI = 1.367 SKEWNESS = 0.397
KG (INMAN)= 1.587 ALPHA TWO PHI = 1.605



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 55 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 3.754 VARIANCE = 0.31100E+01 STANDARD DEVIATION = 1.764
SKEWNESS = 1.059 KURTOSIS = 4.188 THIRD MOMENT = 0.11614E+02 FOURTH MOMENT = 0.69523E+02

CALCULATION OF FOLKS STATISTICS

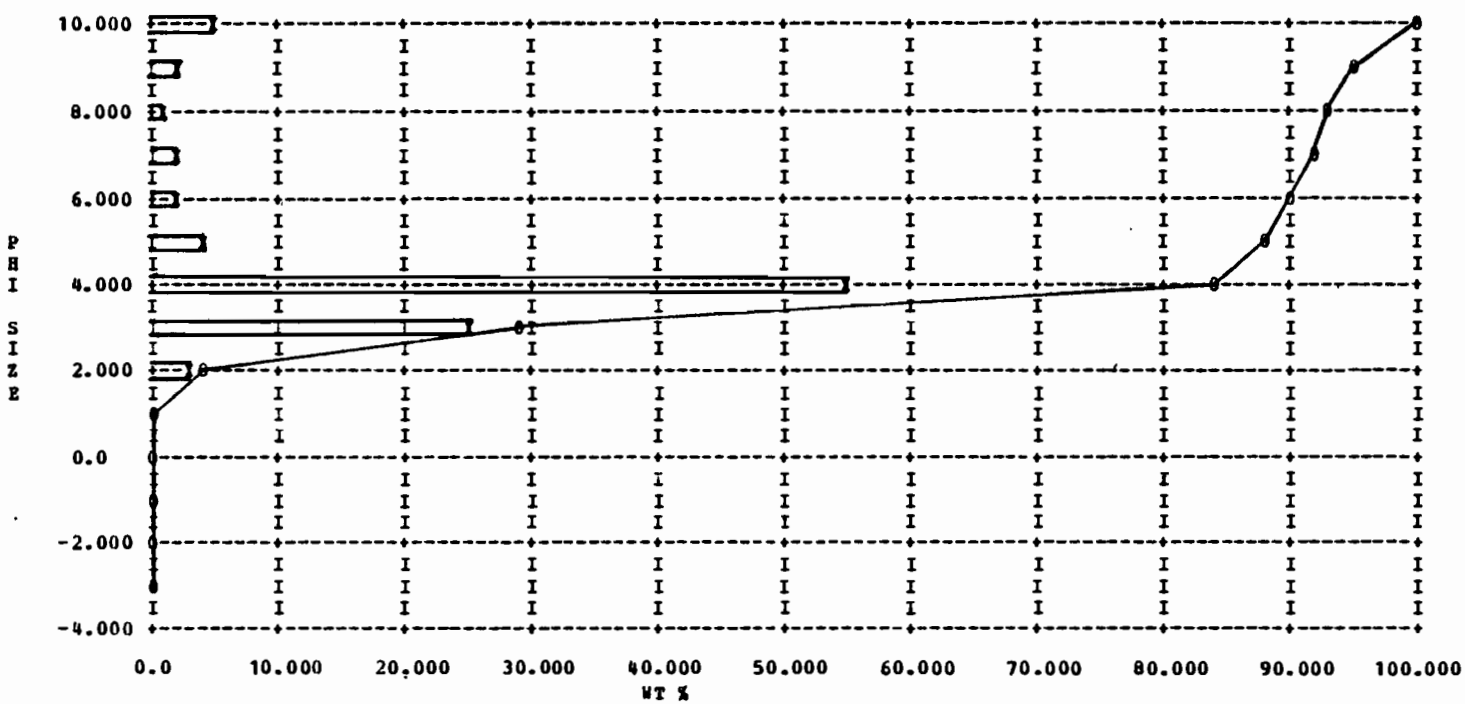
MZ = 3.347 SORTING = 1.391 SKEWNESS = 0.309 KURTOSIS = 3.160

FOLKS TEXTURAL DESCRIPTION

MUDDY SAND
POORLY SORTED
EXTREMELY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 3.345 SIGMA PHI = 0.698 SKEWNESS = -0.023
KG (INMAN)= 3.932 ALPHA TWO PHI = 3.158



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

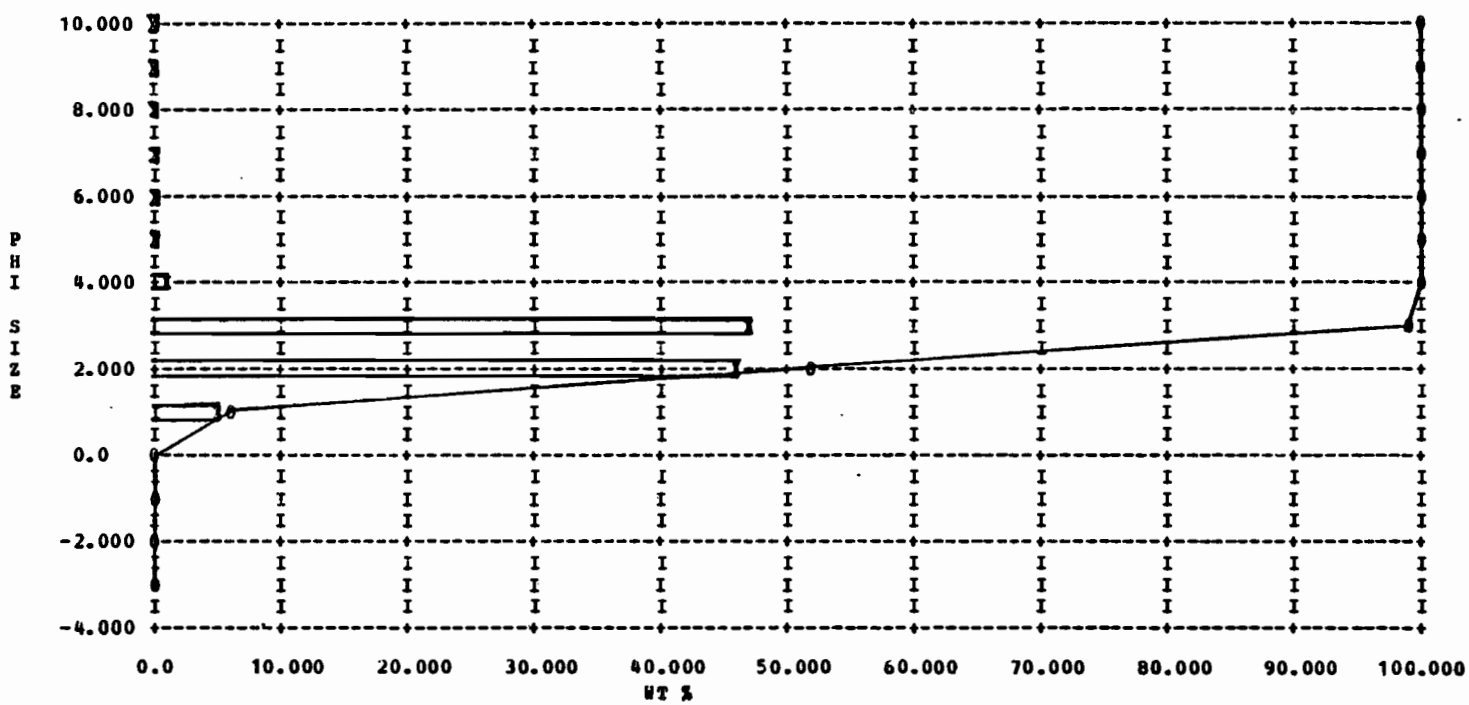
SAMPLE NO. SGB 56 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 1.931 VARIANCE = 0.38802E+00 STANDARD DEVIATION = 0.623
SKEWNESS = -0.223 KURTOSIS = -0.043 THIRD MOMENT =-0.10776E+00 FOURTH MOMENT = 0.44527E+00

CALCULATION OF FOLKS STATISTICS
MZ = 1.914 SORTING = 0.527 SKEWNESS = -0.158 KURTOSIS = 1.000

FOLKS TEXTURAL DESCRIPTION
SAND
MODERATELY SORTED
MESOKURTIC
COARSE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 1.889 SIGMA PHI = 0.526 SKEWNESS = -0.153
KG (INMAN)= 0.661 ALPHA TWO PHI =-0.271



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 57 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 1.848 VARIANCE = 0.66367E+00 STANDARD DEVIATION = 0.815

SKEWNESS = -0.243 KURTOSIS = -0.074 THIRD MOMENT =-0.26236E+00 FOURTH MOMENT = 0.12888E+01

CALCULATION OF FOLKS STATISTICS

MZ = 1.832 SORTING = 0.746 SKEWNESS = -0.225 KURTOSIS = 0.936

FOLKS TEXTURAL DESCRIPTION

SLIGHTLY GRAVELLY SAND

MODERATELY POORLY SORTED

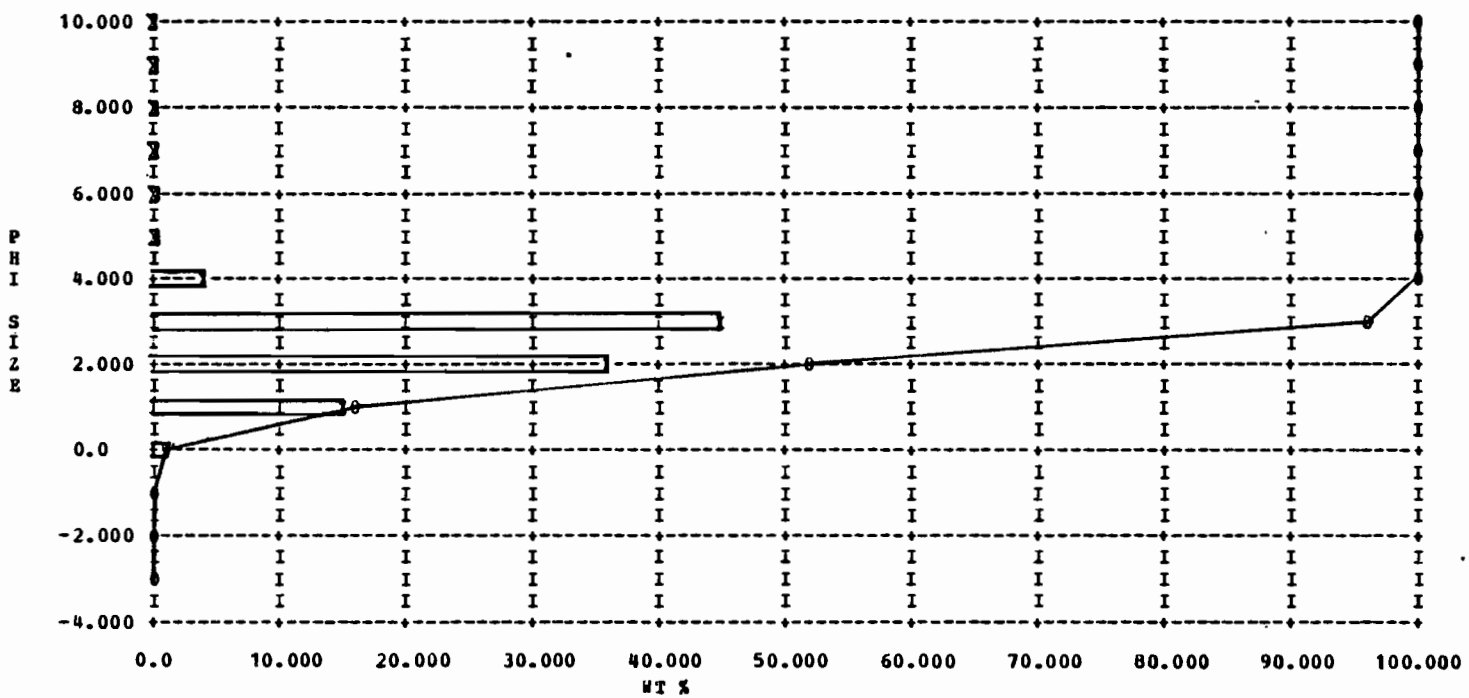
MESOKURTIC

COARSE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 1.771 SIGMA PHI = 0.768 SKEWNESS = -0.244

KG (INMAN)= 0.557 ALPHA TWO PHI =-0.321



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

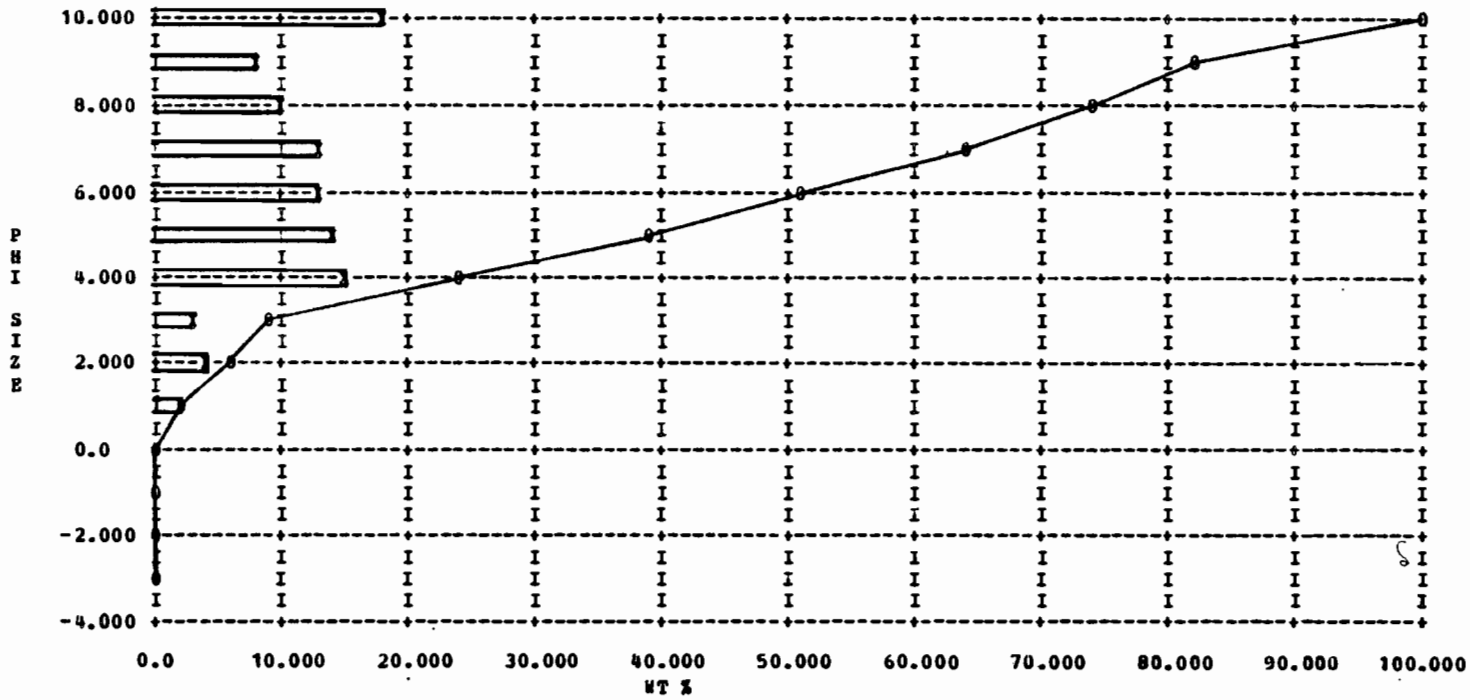
SAMPLE NO. SGB 58 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.976 VARIANCE = 0.61640E+01 STANDARD DEVIATION = 2.483
SKEWNESS = -0.074 KURTOSIS = -0.826 THIRD MOMENT =-0.22533E+01 FOURTH MOMENT = 0.82586E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.142 SORTING = 2.508 SKEWNESS = 0.016 KURTOSIS = 0.752

FOLKS TEXTURAL DESCRIPTION
SLIGHTLY GRAVELLY SANDY MUD
VERY POORLY SORTED
PLATYKURTIC
NEAR SYMMETRICAL

CALCULATION OF INMANS STATISTICS
M PHI = 6.272 SIGMA PHI = 2.755 SKEWNESS = 0.135
KG (INMAN)= 0.355 ALPHA TWO PHI =-0.140



I = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 59 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 3.392 VARIANCE = 0.28134E+01 STANDARD DEVIATION = 1.677
SKEWNESS = 0.821 KURTOSIS = 4.558 THIRD MOMENT = 0.77488E+01 FOURTH MOMENT = 0.59818E+02

CALCULATION OF FOLKS STATISTICS

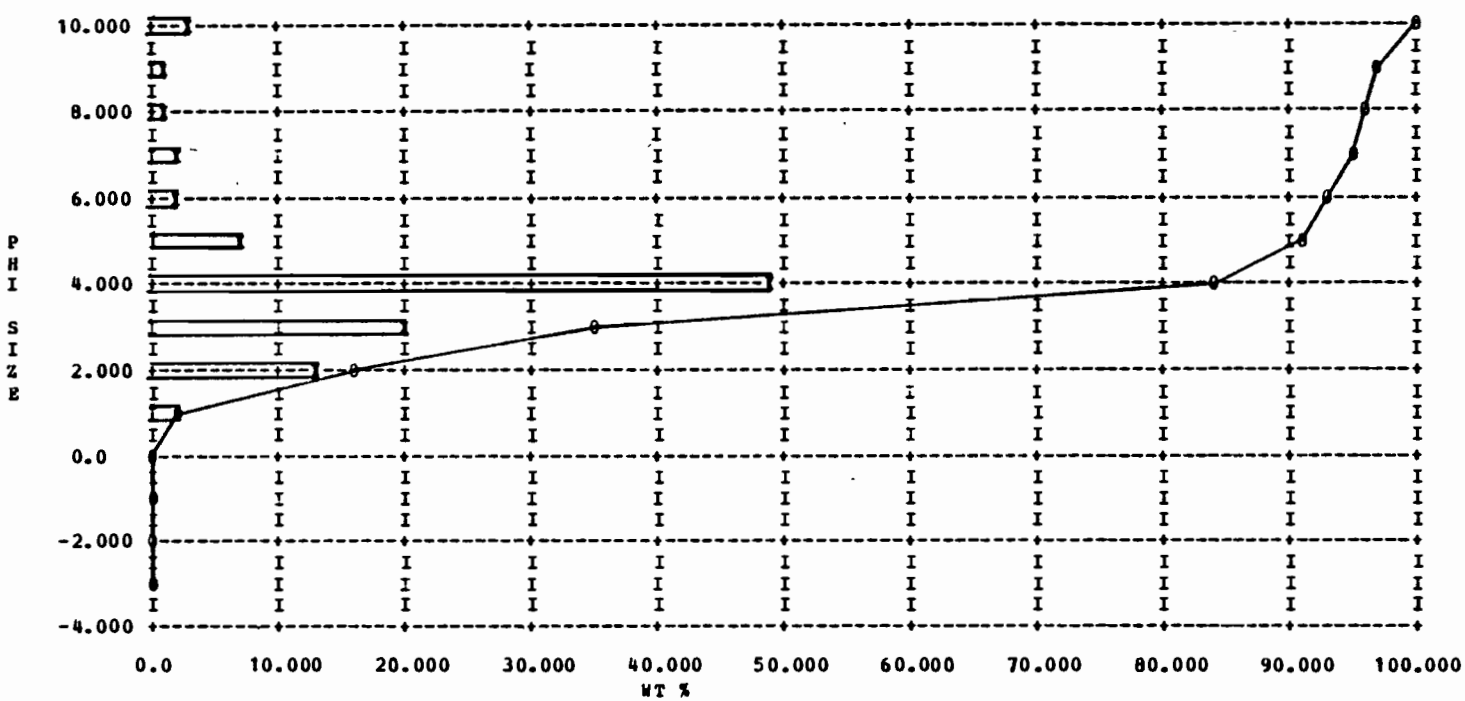
MZ = 3.089 SORTING = 1.367 SKEWNESS = 0.032 KURTOSIS = 1.930

FOLKS TEXTURAL DESCRIPTION

SLIGHTLY GRAVELLY MUDDY SAND
POORLY SORTED
VERY LEPTOKURTIC
NEAR SYMMETRICAL

CALCULATION OF INMANS STATISTICS

M PHI = 3.003 SIGMA PHI = 0.983 SKEWNESS = -0.273
KG (INMAN)= 1.941 ALPHA TWO PHI = 0.993



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

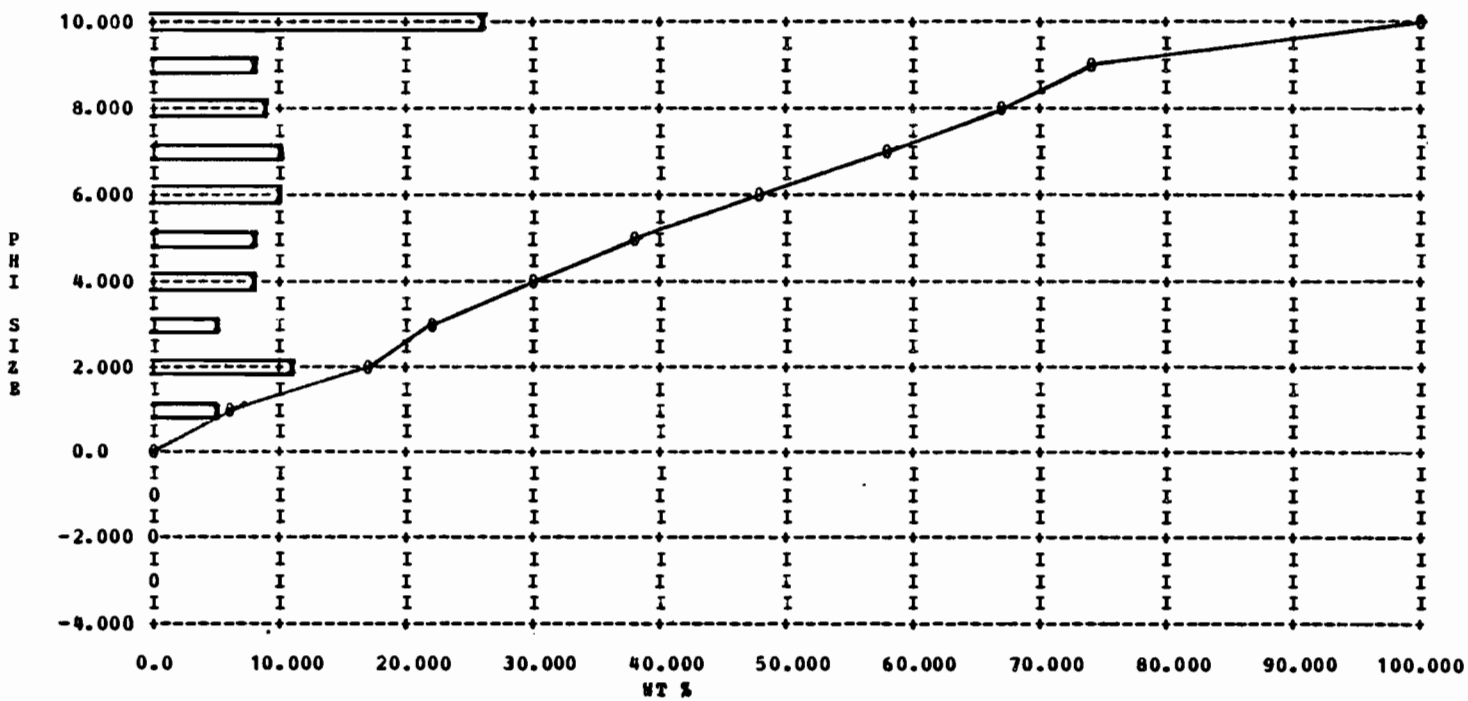
SAMPLE NO. SGB 60 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.914 VARIANCE = 0.92205E+01 STANDARD DEVIATION = 3.037
SKEWNESS = -0.162 KURTOSIS = -1.185 THIRD MOMENT =-0.90527E+01 FOURTH MOMENT = 0.15428E+03

CALCULATION OF FOLKS STATISTICS
MZ = 5.748 SORTING = 3.058 SKEWNESS = -0.225 KURTOSIS = 0.614

FOLKS TEXTURAL DESCRIPTION
SLIGHTLY GRAVELLY SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
COARSE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.526 SIGMA PHI = 3.582 SKEWNESS = -0.191
KG (INMAN)= 0.167 ALPHA TWO PHI =-0.302



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 61 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 3.086 VARIANCE = 0.20500E+02 STANDARD DEVIATION = 4.528
SKEWNESS = -0.084 KURTOSIS = -1.380 THIRD MOMENT =-0.15519E+02 FOURTH MOMENT = 0.68102E+03

CALCULATION OF FOLKS STATISTICS

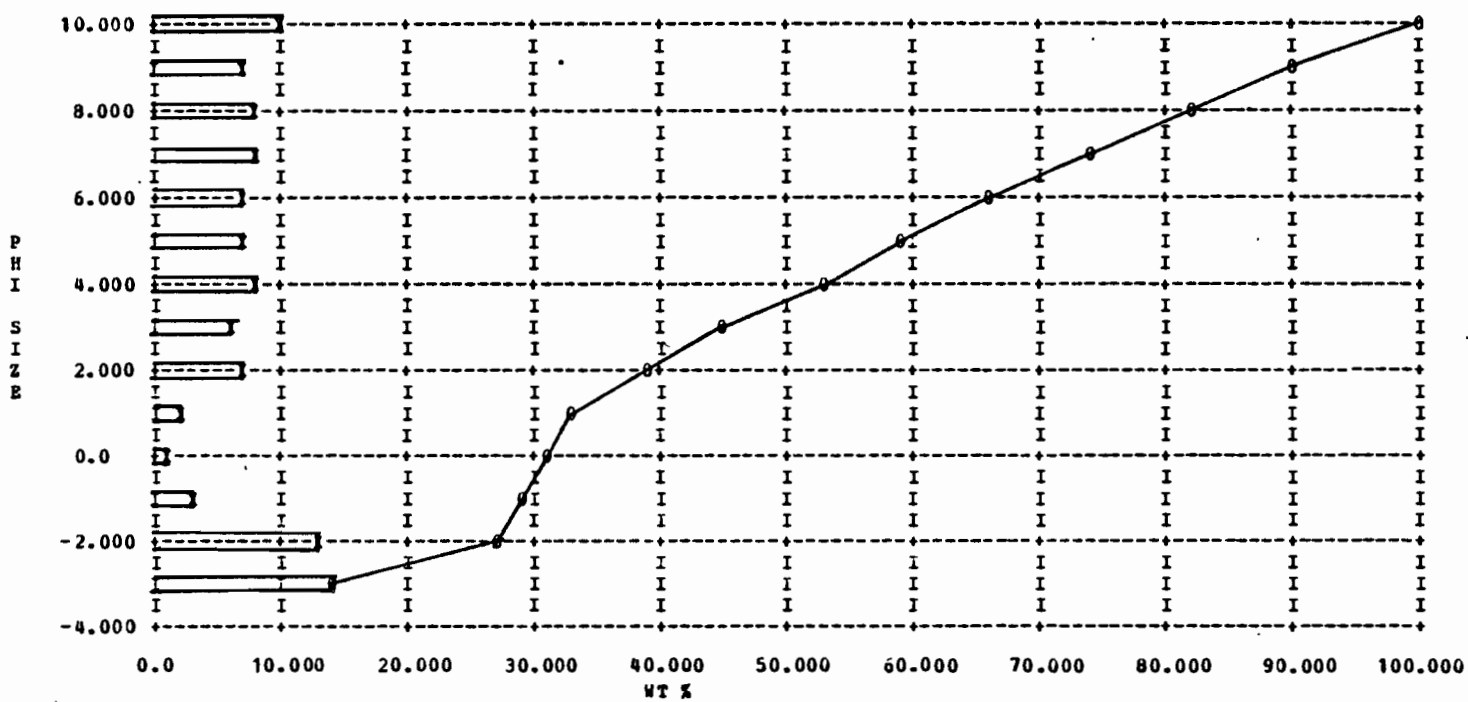
MZ = 3.024 SORTING = 4.613 SKEWNESS = -0.145 KURTOSIS = 0.549

FOLKS TEXTURAL DESCRIPTION

GRAVELLY MUD
EXTREMELY POORLY SORTED
VERY PLATYKURTIC
COARSE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 2.703 SIGMA PHI = 5.490 SKEWNESS = -0.177
KG (INMAN)= 0.123 ALPHA TWO PHI =-0.127



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

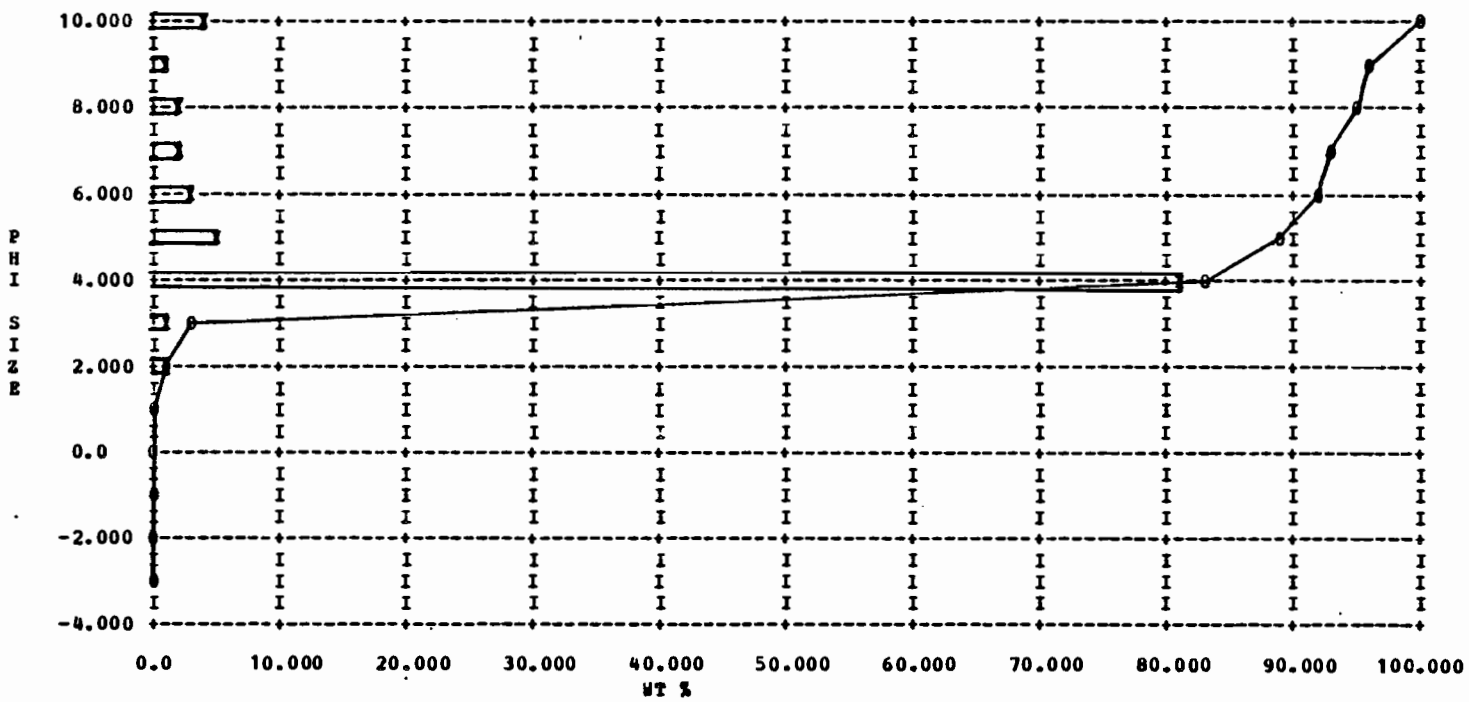
SAMPLE NO. SGB 62 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 3.970 VARIANCE = 0.20776E+01 STANDARD DEVIATION = 1.441
SKEWNESS = 1.342 KURTOSIS = 7.123 THIRD MOMENT = 0.80382E+01 FOURTH MOMENT = 0.43698E+02

CALCULATION OF FOLKS STATISTICS
MZ = 3.702 SORTING = 0.937 SKEWNESS = 0.454 KURTOSIS = 4.284

FOLKS TEXTURAL DESCRIPTION
SILTY SAND
MODERATELY POORLY SORTED
EXTREMELY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 3.724 SIGMA PHI = 0.400 SKEWNESS = 0.142
KG (INMAN)= 5.081 ALPHA TWO PHI = 4.662



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 5A (continued)

SAMPLE NO. SGB 63 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 3.929 VARIANCE = 0.92117E+01 STANDARD DEVIATION = 3.035
SKEWNESS = 0.309 KURTOSIS = -0.767 THIRD MOMENT = 0.17286E+02 FOURTH MOMENT = 0.18950E+03

CALCULATION OF FOLKS STATISTICS

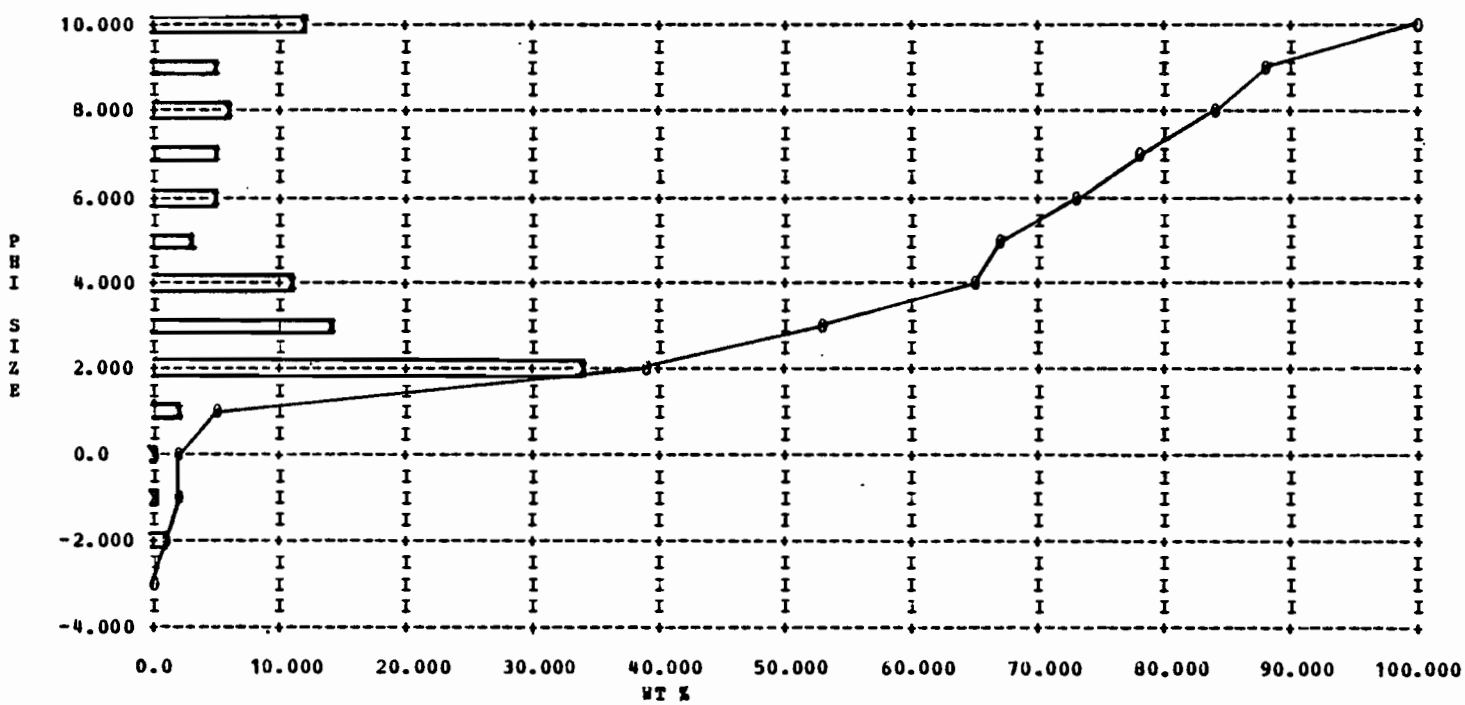
MZ = 4.105 SORTING = 2.879 SKEWNESS = 0.590 KURTOSIS = 0.710

FOLKS TEXTURAL DESCRIPTION

SLIGHTLY GRAVELLY MUDDY SAND
VERY POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 4.777 SIGMA PHI = 3.289 SKEWNESS = 0.609
KG (INMAN)= 0.239 ALPHA TWO PHI = 0.706



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 6A Vertical Distribution of Sediment Grain Size in Selected Cores: General Characteristics

STATION	DATE	GRAVEL	SAND	SILT	CLAY	TOTAL	MEAN	STANDARD DEV	FOLKS TEXTURAL DESCRIPTION
SGB 7C2-3	22 IV 75	0.00	42.24	56.03	1.72	100.00	4.647	1.354	poorly sorted sandy silt
SGB 7C3-4	22 IV 75	0.00	33.46	48.90	17.65	100.00	5.732	2.055	very poorly sorted sandy silt
SGB 7C4-5	22 IV 75	0.00	38.32	44.31	17.37	100.00	5.371	2.130	very poorly sorted sandy silt
SGB 7C5-6	22 IV 75	0.00	29.39	50.34	20.27	100.00	5.824	2.154	very poorly sorted sandy silt
SGB 7C6-7	22 IV 75	0.00	25.78	50.31	23.91	100.00	6.000	2.187	very poorly sorted sandy silt
SGB 7C7-8	22 IV 75	0.00	30.32	51.18	18.50	100.00	5.701	2.192	very poorly sorted sandy silt
SGB 7C8-9	22 IV 75	0.00	27.48	46.06	26.46	100.00	6.090	2.283	very poorly sorted sandy mud
SGB 7C9-10	22 IV 75	0.00	34.17	40.88	24.95	100.00	5.830	2.365	very poorly sorted sandy mud
SGB 7C10-11	22 IV 75	0.18	36.36	39.09	24.36	100.00	5.720	2.456	very poorly sorted slightly gravelly sandy mud
SGB 7C11-12	22 IV 75	0.00	32.87	39.61	27.51	100.00	5.899	2.460	very poorly sorted sandy mud
SGB 7C12-13	22 IV 75	0.00	33.00	38.36	28.63	100.00	5.909	2.548	very poorly sorted sandy mud
SGB 7C13-14	22 IV 75	0.00	33.17	37.77	29.06	100.00	5.867	2.634	very poorly sorted sandy mud
SGB 7C14-15	22 IV 75	0.00	40.14	32.46	27.40	100.00	5.534	2.797	very poorly sorted sandy mud
SGB 7C15-16	22 IV 75	0.00	70.55	17.36	12.09	100.00	3.732	2.594	very poorly sorted muddy sand
SGB 7C16-18	22 IV 75	0.16	80.90	11.10	7.84	100.00	3.236	2.269	very poorly sorted slightly gravelly muddy sand
SGB 7C18-20	22 IV 75	0.08	87.21	8.58	4.13	100.00	2.838	1.802	poorly sorted silty sand
SGB 7C20-22	22 IV 75	0.55	92.20	6.15	1.10	100.00	2.436	1.402	poorly sorted slightly gravelly sand
SGB 7C22-24	22 IV 75	0.33	91.57	5.84	2.25	100.00	2.461	1.593	poorly sorted slightly gravelly sand
SGB 7C24-26	22 IV 75	0.27	93.33	4.75	1.66	100.00	2.425	1.465	poorly sorted slightly gravelly sand
SGB 7C26-28	22 IV 75	0.10	93.95	5.27	0.68	100.00	2.180	1.262	moderately poorly sorted slightly gravelly sand
SGB 7C28-30	22 IV 75	1.24	81.33	13.22	4.21	100.00	3.181	1.992	poorly sorted slightly gravelly muddy sand
SGB 7C30-35	22 IV 75	0.52	17.76	46.96	34.76	100.00	6.521	2.662	very poorly sorted slightly gravelly sandy mud
SGB 7C35-38	22 IV 75	0.08	4.57	53.89	41.46	100.00	7.360	1.887	poorly sorted mud
SGB 22C0-1	22 IV 75	0.00	52.34	41.59	6.07	100.00	4.629	1.596	poorly sorted silty sand
SGB 22C1-2	22 IV 75	0.00	55.20	38.91	5.88	100.00	4.577	1.646	poorly sorted silty sand
SGB 22C2-3	22 IV 75	0.00	52.58	41.24	6.19	100.00	4.630	1.571	poorly sorted silty sand
SGB 22C3-4	22 IV 75	0.00	57.09	34.78	8.13	100.00	4.576	1.687	poorly sorted silty sand
SGB 22C4-5	22 IV 75	0.00	49.68	38.01	12.30	100.00	4.890	1.953	poorly sorted sandy silt
SGB 22C5-6	22 IV 75	0.00	48.44	38.02	13.54	100.00	4.898	1.959	poorly sorted sandy silt
SGB 22C6-7	22 IV 75	0.00	46.46	38.15	15.40	100.00	5.093	2.076	poorly sorted sandy silt
SGB 22C7-8	22 IV 75	0.00	45.73	38.71	15.56	100.00	5.110	2.059	poorly sorted sandy silt
SGB 22C8-9	22 IV 75	0.00	48.52	34.85	16.63	100.00	5.097	2.145	very poorly sorted sandy silt
SGB 22C9-10	22 IV 75	0.00	52.91	31.53	15.57	100.00	4.908	2.168	very poorly sorted silty sand
SGB 22C10-11	22IV75	0.00	60.92	27.99	11.09	100.00	4.489	2.045	poorly sorted silty sand
SGB 22C11-12	22IV75	0.00	67.64	24.68	7.69	100.00	4.210	1.788	poorly sorted silty sand
SGB 22C12-13	22IV75	0.00	68.03	24.91	7.05	100.00	4.155	1.737	poorly sorted silty sand
SGB 22C13-14	22IV75	0.00	54.55	31.96	13.49	100.00	4.759	2.090	poorly sorted silty sand
SGB 22C14-15	22IV75	0.00	51.65	36.86	11.49	100.00	4.747	1.959	poorly sorted silty sand
SGB 22C15-16	22IV75	0.00	51.56	36.47	11.97	100.00	4.732	1.966	poorly sorted silty sand
SGB 22C16-18	22IV75	0.00	47.74	42.16	10.10	100.00	4.695	1.815	poorly sorted sandy silt
SGB 22C18-20	22IV75	0.00	47.66	42.73	9.61	100.00	4.679	1.801	poorly sorted sandy silt
SGB 22C20-22	22IV75	0.00	46.33	43.72	9.95	100.00	4.698	1.799	poorly sorted sandy silt
SGB 22C22-24	22IV75	0.00	47.47	42.08	10.45	100.00	4.730	1.842	poorly sorted sandy silt
SGB 22C24-26	22IV75	0.09	50.15	40.16	9.61	100.00	4.651	1.816	poorly sorted silty sand
SGB 22C26-28	22IV75	0.00	48.96	41.64	9.41	100.00	4.671	1.761	poorly sorted sandy silt
SGB 22C28-30	22IV75	0.00	47.55	42.66	9.79	100.00	4.702	1.769	poorly sorted sandy silt
SGB 22C35-40	22IV75	0.00	39.48	49.11	11.42	100.00	4.889	1.833	poorly sorted sandy silt
SGB 22C40-45	22IV75	0.00	38.72	48.82	12.47	100.00	4.980	1.908	poorly sorted sandy silt
SGB 22C45-50	22IV75	0.00	43.80	46.67	9.53	100.00	4.752	1.756	poorly sorted sandy silt
SGB 22C50-55	22IV75	0.00	45.87	44.32	9.82	100.00	4.765	1.815	poorly sorted sandy silt
SGB 22C55-60	22IV75	0.00	33.52	51.32	15.16	100.00	5.221	2.031	poorly sorted sandy silt
SGB 37C1-2	22 IV 75	0.00	15.89	75.50	8.61	100.00	5.639	1.540	poorly sorted sandy silt
SGB 37C2-3	22 IV 75	0.00	29.78	68.89	1.33	100.00	5.056	1.432	poorly sorted sandy silt
SGB 37C3-4	22 IV 75	0.00	39.29	52.60	8.12	100.00	5.123	1.691	poorly sorted sandy silt
SGB 37C4-5	22 IV 75	0.00	30.58	53.17	16.25	100.00	5.456	1.932	poorly sorted sandy silt

TABLE 6A (continued)

SAMPLE	DATE	GRAVEL	SAND	SILT	CLAY	TOTAL	MEAN	STANDARD DEVIATION	FOLKS TEXTURAL DESCRIPTION
SGB 37C5-6	22 IV 75	0.00	27.78	55.85	16.37	100.00	5.585	1.941	poorly sorted sandy silt
SGB 37C6-7	22 IV 75	0.00	27.76	50.57	21.67	100.00	5.816	2.135	very poorly sorted sandy silt
SGB 37C7-8	22 IV 75	0.00	25.62	50.21	24.17	100.00	5.903	2.179	very poorly sorted sandy silt
SGB 37C8-9	22 IV 75	0.00	27.29	50.00	22.71	100.00	5.848	2.167	very poorly sorted sandy silt
SGB 37C9-10	22 IV 75	0.00	31.65	49.79	18.57	100.00	5.793	2.182	very poorly sorted sandy silt
SGB 37C10-11	22IV75	0.00	31.62	49.38	19.01	100.00	5.594	2.070	poorly sorted sandy silt
SGB 37C11-12	22IV75	0.00	27.98	47.05	24.97	100.00	5.917	2.240	very poorly sorted sandy mud
SGB 37C12-13	22IV75	0.00	27.11	50.27	22.62	100.00	5.816	2.166	very poorly sorted sandy silt
SGB 37C13-14	22IV75	0.00	24.84	49.15	26.02	100.00	5.998	2.255	very poorly sorted sandy mud
SGB 37C14-15	22IV75	0.00	22.81	51.61	25.58	100.00	6.020	2.235	very poorly sorted sandy silt
SGB 37C15-16	22IV75	0.00	24.82	53.15	22.03	100.00	5.841	2.205	very poorly sorted sandy silt
SGB 37C16-18	22IV75	0.00	25.21	51.28	23.50	100.00	5.920	2.222	very poorly sorted sandy silt
SGB 37C18-20	22IV75	0.00	23.89	51.63	24.48	100.00	5.960	2.216	very poorly sorted sandy silt
SGB 37C20-22	22IV75	0.00	21.20	54.01	24.79	100.00	6.011	2.202	very poorly sorted sandy silt
SGB 37C22-24	22IV75	0.00	23.87	52.55	23.58	100.00	5.910	2.202	very poorly sorted sandy silt
SGB 37C24-26	22IV75	0.00	22.49	53.17	24.34	100.00	6.071	2.152	very poorly sorted sandy silt
SGB 37C26-28	22IV75	0.21	21.52	53.27	25.00	100.00	5.995	2.237	very poorly sorted slightly gravelly sandy mud
SGB 37C28-30	22IV75	0.00	20.16	55.89	23.95	100.00	5.994	2.153	very poorly sorted sandy silt
SGB 37C30-35	22IV75	0.00	19.18	55.66	25.16	100.00	6.075	2.173	very poorly sorted sandy silt
SGB 37C35-40	22IV75	0.00	19.68	54.90	25.41	100.00	6.098	2.175	very poorly sorted sandy silt
SGB 37C40-45	22IV75	0.00	21.22	53.82	24.96	100.00	6.043	2.188	very poorly sorted sandy silt
SGB 37C45-50	22IV75	0.00	22.18	52.89	24.93	100.00	6.024	2.190	very poorly sorted sandy silt
SGB 46C0-1	22IV75	0.00	29.55	60.48	9.97	100.00	5.359	1.722	poorly sorted sandy silt
SGB 46C1-2	22IV75	0.00	29.15	57.54	13.32	100.00	5.440	1.858	poorly sorted sandy silt
SGB 46C2-3	22IV75	0.00	28.40	53.79	17.81	100.00	5.653	2.020	poorly sorted sandy silt
SGB 46C3-4	22IV75	0.00	33.33	49.48	17.19	100.00	5.502	2.031	poorly sorted sandy silt
SGB 46C4-5	22IV75	0.00	38.27	46.94	14.80	100.00	5.349	1.999	poorly sorted sandy silt
SGB 46C5-6	22IV75	0.00	38.49	47.55	13.96	100.00	5.289	1.946	poorly sorted sandy silt
SGB 46C6-7	22IV75	0.00	41.50	42.77	15.74	100.00	5.302	2.082	poorly sorted sandy silt
SGB 46C7-8	22IV75	0.00	37.89	44.73	17.38	100.00	5.422	2.097	poorly sorted sandy silt
SGB 46C8-9	22IV75	0.00	38.76	42.03	19.21	100.00	5.506	2.178	very poorly sorted sandy silt
SGB 46C9-10	22IV75	0.00	38.71	44.60	16.69	100.00	5.395	2.077	poorly sorted sandy silt
SGB 46C10-11	22IV75	0.00	45.91	35.58	18.51	100.00	5.299	2.197	very poorly sorted sandy mud
SGB 46C11-12	22IV75	0.00	58.43	27.63	13.94	100.00	4.846	2.048	poorly sorted muddy sand
SGB 46C12-13	22IV75	0.00	69.09	21.25	9.66	100.00	4.431	1.821	poorly sorted silty sand
SGB 46C13-14	22IV75	0.00	71.06	19.55	9.39	100.00	4.398	1.832	poorly sorted silty sand
SGB 46C14-15	22IV75	0.00	73.74	17.53	8.73	100.00	4.316	1.783	poorly sorted silty sand
SGB 46C15-16	22IV75	0.00	75.63	15.11	9.27	100.00	4.260	1.849	poorly sorted muddy sand
SGB 46C16-18	22IV75	0.00	84.25	10.86	4.89	100.00	3.882	1.507	poorly sorted silty sand
SGB 46C18-20	22IV75	0.00	87.24	8.28	4.47	100.00	3.828	1.440	moderately poorly sorted muddy sand
SGB 46C20-22	22IV75	0.00	92.98	5.42	1.60	100.00	3.620	0.991	moderately sorted sand
SGB 46C22-24	22IV75	0.00	93.27	5.63	1.10	100.00	3.588	0.916	moderately sorted sand
SGB 46C24-26	22IV75	1.41	91.13	5.20	2.27	100.00	3.581	1.297	moderately sorted slightly gravelly sand
SGB 46C26-28	22IV75	0.00	93.83	3.94	2.23	100.00	3.625	1.054	moderately sorted sand
SGB 46C28-30	22IV75	0.00	80.01	14.92	5.07	100.00	4.012	1.549	poorly sorted silty sand
SGB 46C30-35	22IV75	0.00	82.95	12.52	4.53	100.00	3.956	1.436	moderately poorly sorted silty sand
SGB 46C35-40	22IV75	0.00	50.46	34.19	15.36	100.00	5.019	2.145	very poorly sorted silty sand
SGB 46C40-45	22IV75	0.00	36.12	43.42	20.46	100.00	5.502	2.233	very poorly sorted sandy silt
SGB 46C45-50	22IV75	0.00	35.31	45.38	19.30	100.00	5.434	2.161	very poorly sorted sandy silt

TABLE 7A Vertical Distribution of Sediment Grain Size in Selected Cores: Detailed Characteristics

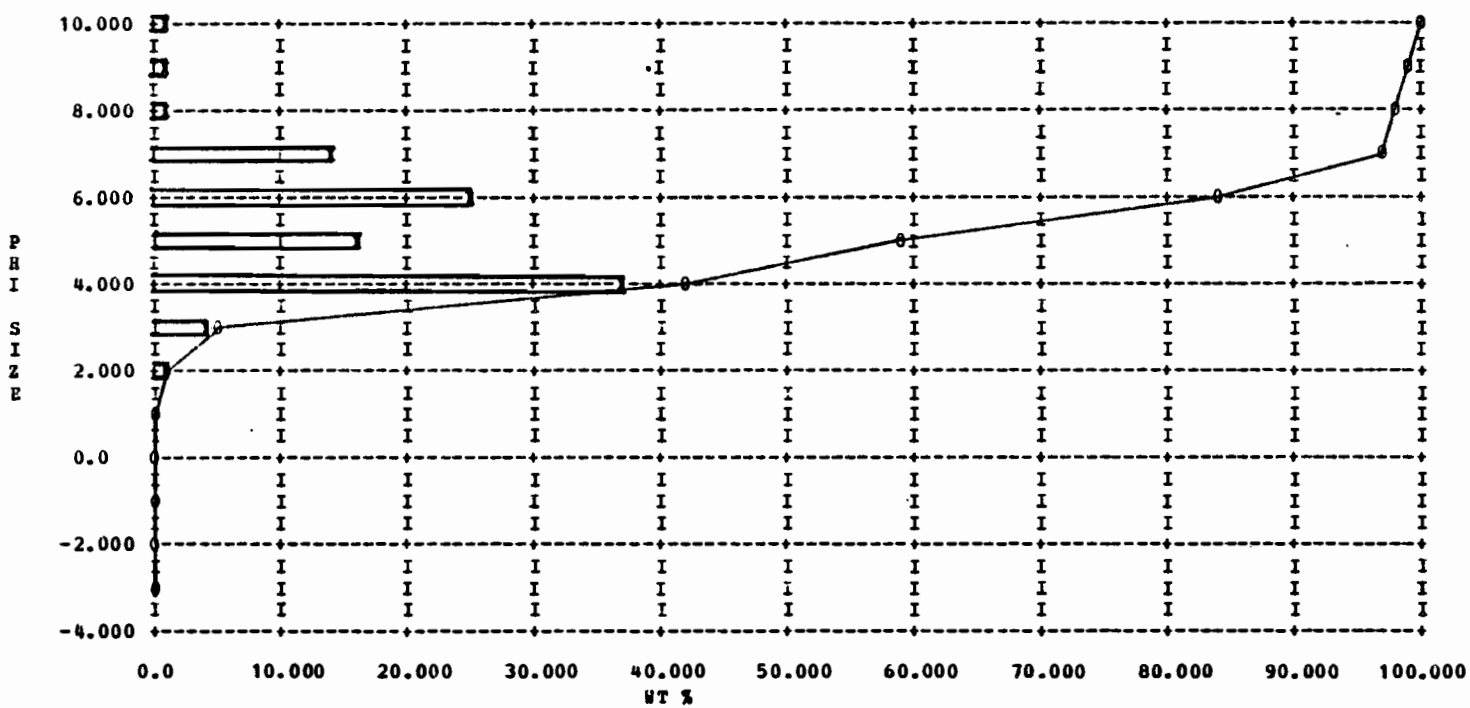
SAMPLE NO. SGB 7C2-3 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.647 VARIANCE = 0.18320E+01 STANDARD DEVIATION = 1.354
SKEWNESS = 0.294 KURTOSIS = 0.402 THIRD MOMENT = 0.14587E+01 FOURTH MOMENT = 0.11417E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.639 SORTING = 1.206 SKEWNESS = 0.196 KURTOSIS = 0.786

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 4.729 SIGMA PHI = 1.287 SKEWNESS = 0.199
KG (INMAN)= 0.442 ALPHA TWO PHI = 0.280



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 7C3-4 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.732 VARIANCE = 0.42221E+01 STANDARD DEVIATION = 2.055
SKEWNESS = 0.114 KURTOSIS = -1.121 THIRD MOMENT = 0.19840E+01 FOURTH MOMENT = 0.33502E+02

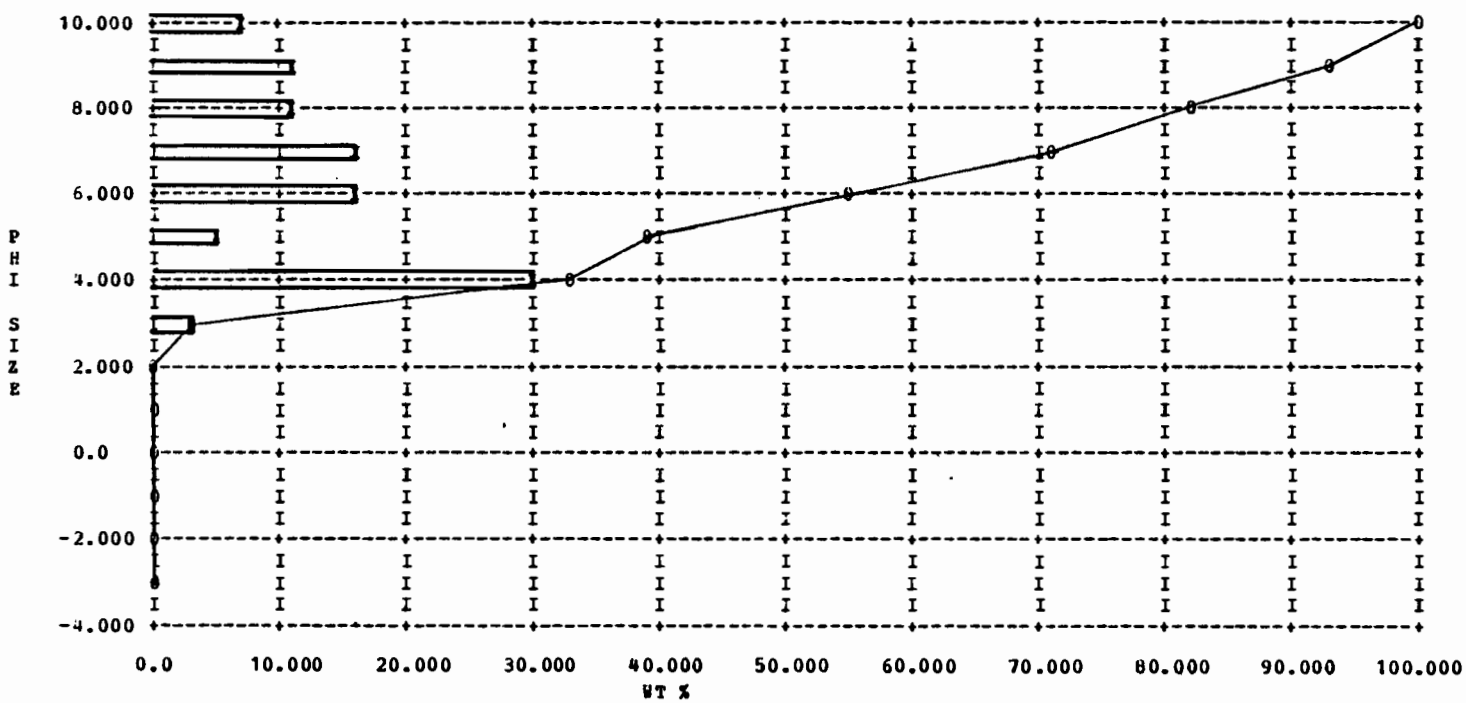
CALCULATION OF FOLKS STATISTICS

MZ = 5.802 SORTING = 2.030 SKEWNESS = 0.100 KURTOSIS = 0.695

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 5.859 SIGMA PHI = 2.261 SKEWNESS = 0.067
KG (INMAN)= 0.312 ALPHA TWO PHI = 0.175



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

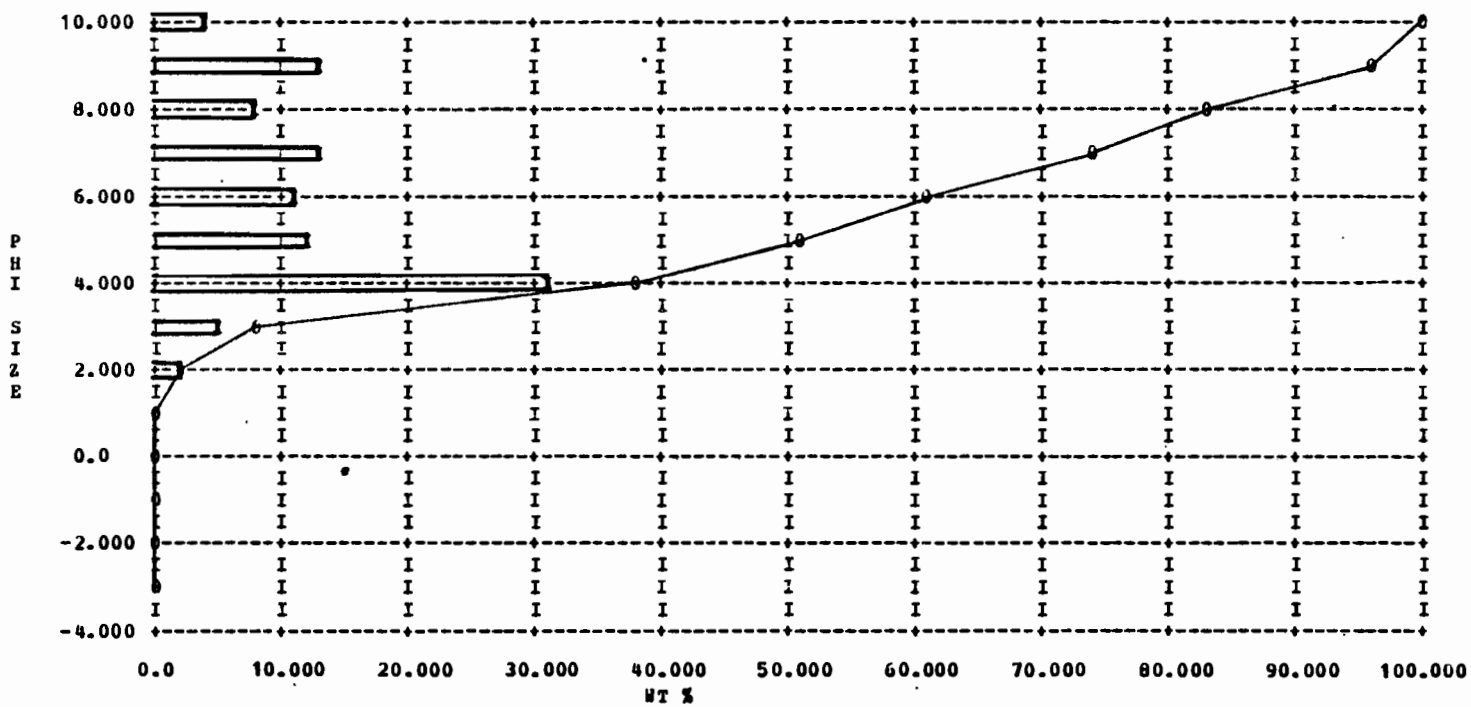
SAMPLE NO. SGB 7C4-5 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.371 VARIANCE = 0.45373E+01 STANDARD DEVIATION = 2.130
SKEWNESS = 0.173 KURTOSIS = -1.049 THIRD MOMENT = 0.33504E+01 FOURTH MOMENT = 0.40175E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.462 SORTING = 2.133 SKEWNESS = 0.293 KURTOSIS = 0.760

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.726 SIGMA PHI = 2.347 SKEWNESS = 0.330
KG (INMAN)= 0.350 ALPHA TWO PHI = 0.346



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 7C5-6 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.824 VARIANCE = 0.46381E+01 STANDARD DEVIATION = 2.154
SKEWNESS = 0.115 KURTOSIS = -1.065 THIRD MOMENT = 0.23045E+01 FOURTH MOMENT = 0.41626E+02

CALCULATION OF FOLKS STATISTICS

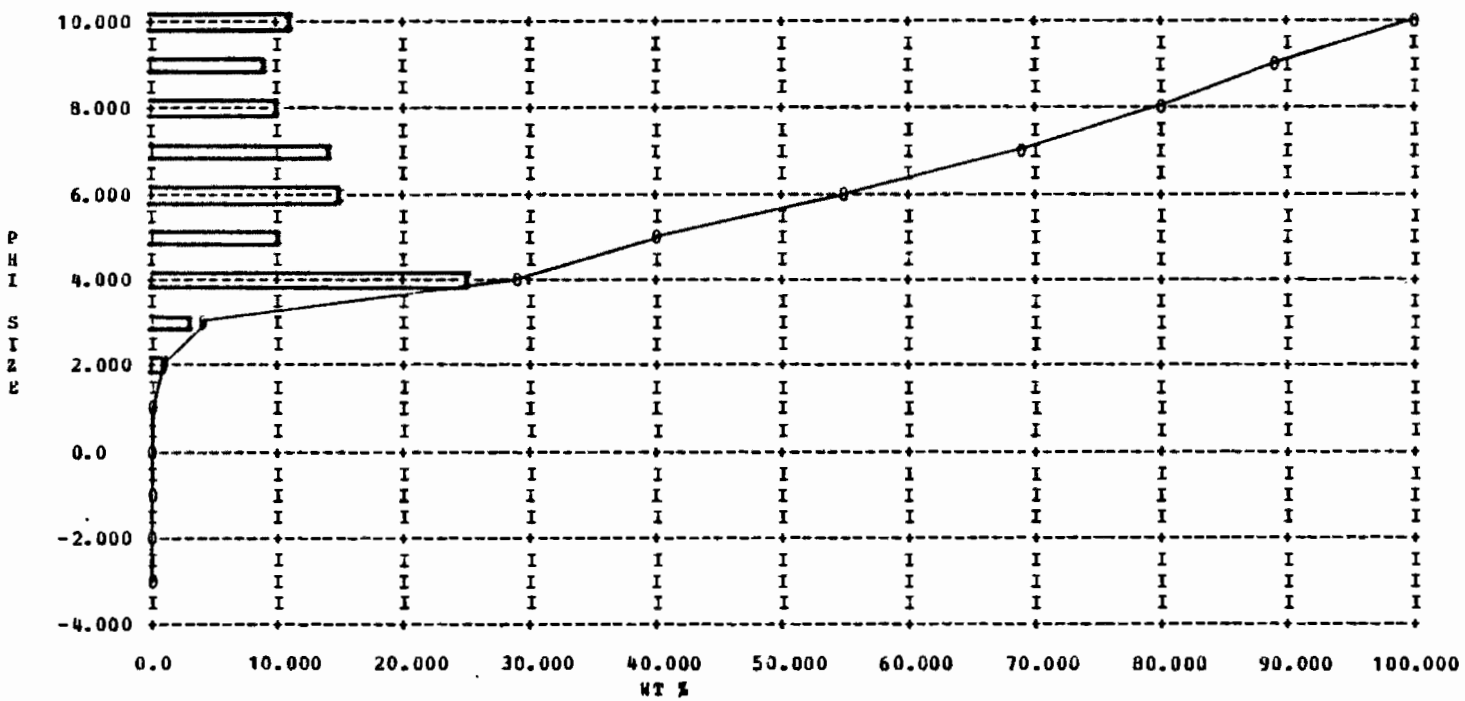
MZ = 5.898 SORTING = 2.120 SKEWNESS = 0.148 KURTOSIS = 0.686

FOLKS TEXTURAL DESCRIPTION

SANDY SILT
VERY POORLY SORTED
PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.022 SIGMA PHI = 2.398 SKEWNESS = 0.147
KG (INMAN)= 0.267 ALPHA TWO PHI = 0.189



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

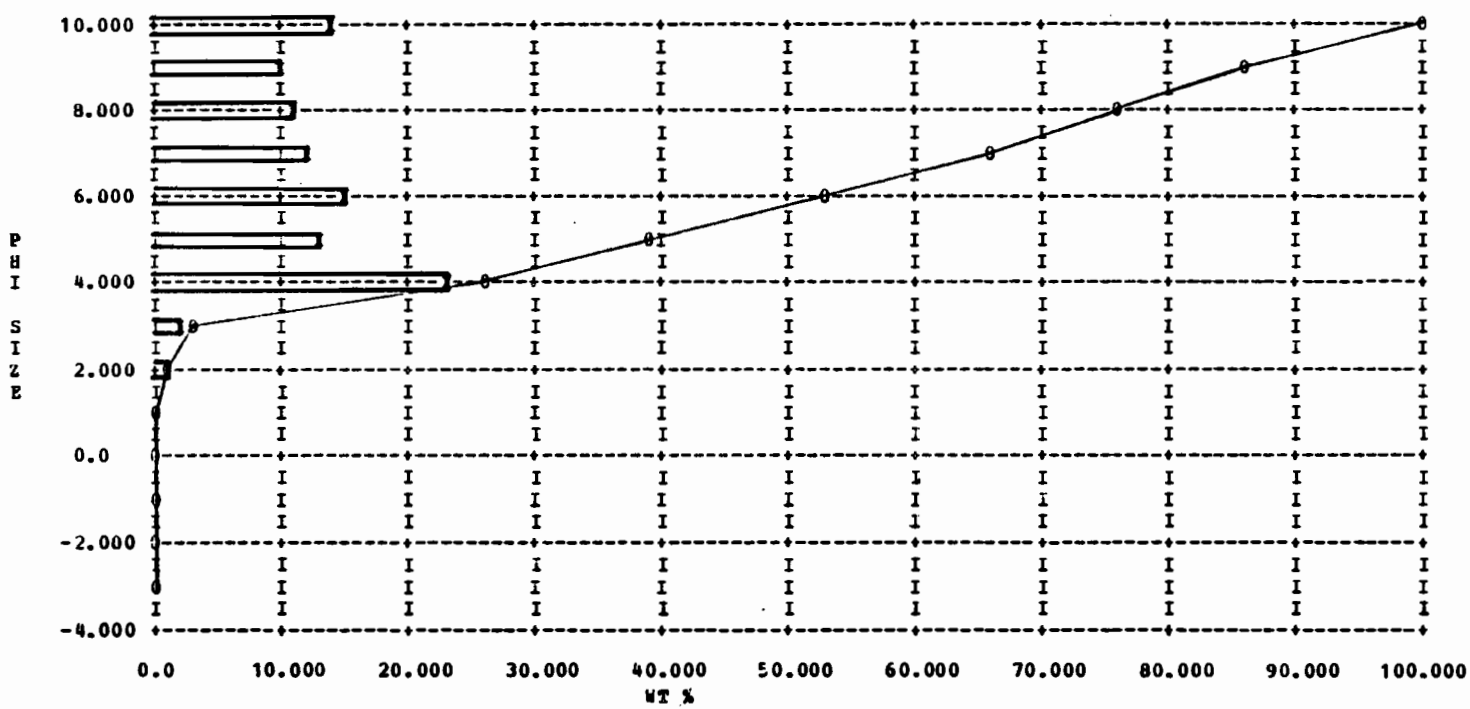
SAMPLE NO. SGB 7C6-7 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 6.000 VARIANCE = 0.47842E+01 STANDARD DEVIATION = 2.187
SKEWNESS = 0.098 KURTOSIS = -1.180 THIRD MOMENT = 0.20497E+01 FOURTH MOMENT = 0.41659E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.068 SORTING = 2.167 SKEWNESS = 0.161 KURTOSIS = 0.631

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.227 SIGMA PHI = 2.511 SKEWNESS = 0.183
KG (INMAN)= 0.198 ALPHA TWO PHI = 0.168



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 7C7-8 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.701 VARIANCE = 0.48061E+01 STANDARD DEVIATION = 2.192
SKEWNESS = 0.117 KURTOSIS = -0.957 THIRD MOMENT = 0.24709E+01 FOURTH MOMENT = 0.47194E+02

CALCULATION OF FOLKS STATISTICS

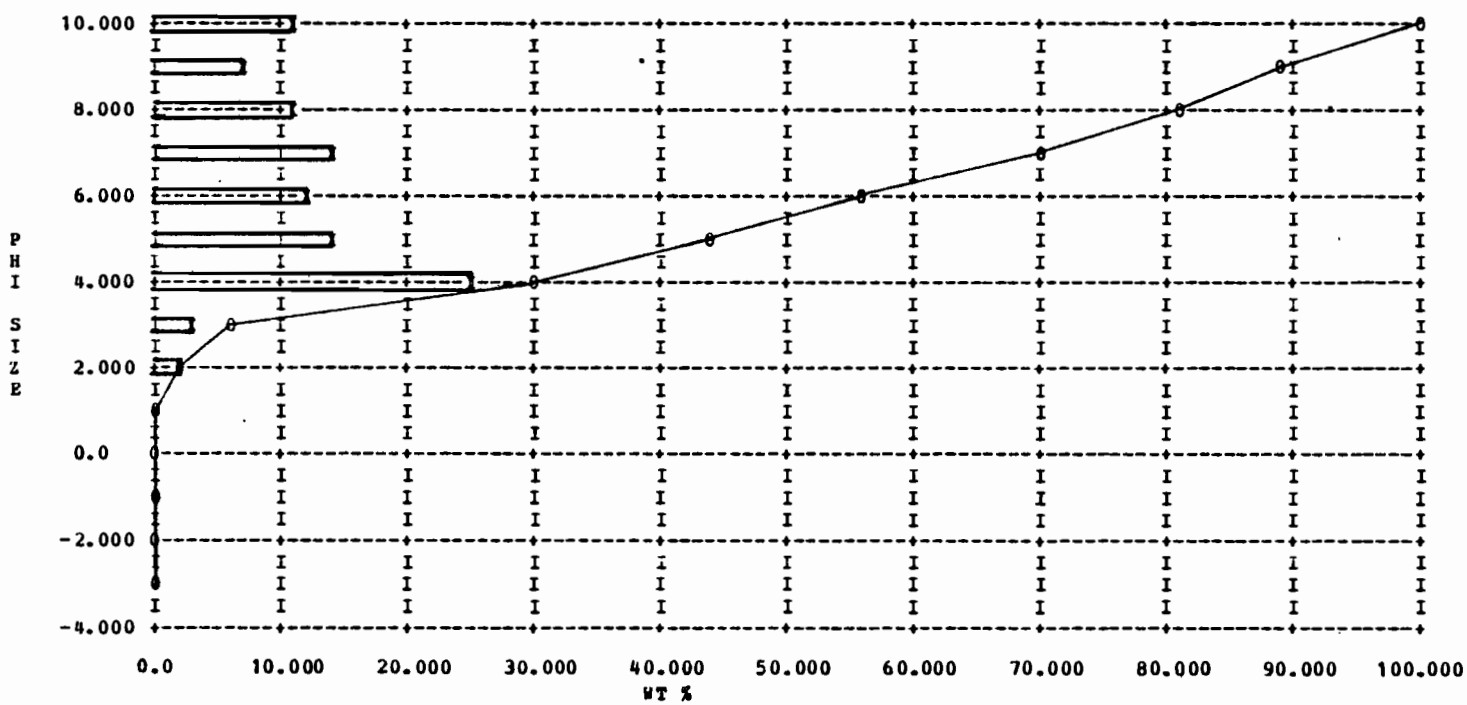
MZ = 5.774 SORTING = 2.137 SKEWNESS = 0.179 KURTOSIS = 0.730

FOLKS TEXTURAL DESCRIPTION

SANDY SILT
VERY POORLY SORTED
PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 5.928 SIGMA PHI = 2.371 SKEWNESS = 0.187
KG (INMAN) = 0.325 ALPHA TWO PHI = 0.225



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 7C8-9 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 6.090 VARIANCE = 0.52138E+01 STANDARD DEVIATION = 2.283
SKEWNESS = 0.061 KURTOSIS = -1.262 THIRD MOMENT = 0.14410E+01 FOURTH MOMENT = 0.47259E+02

CALCULATION OF FOLKS STATISTICS

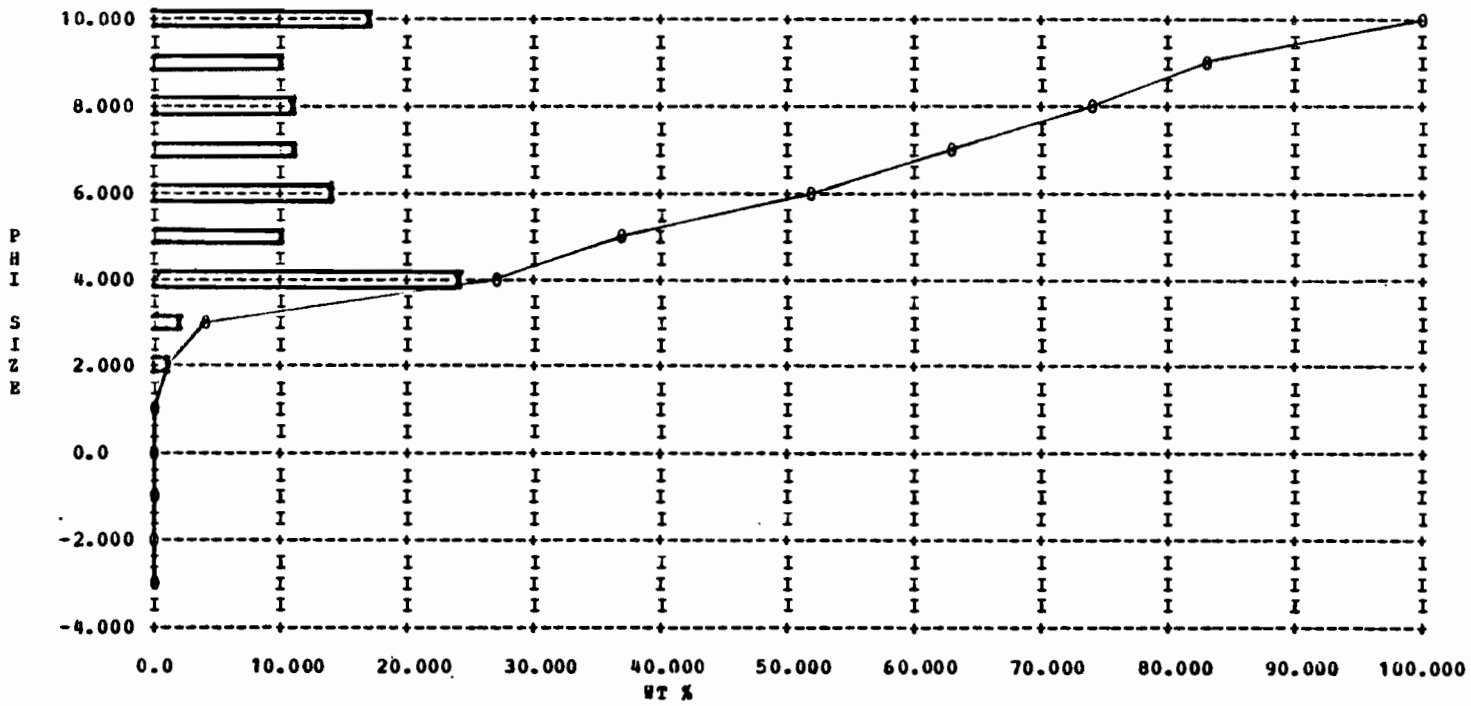
MZ = 6.183 SORTING = 2.260 SKEWNESS = 0.134 KURTOSIS = 0.596

FOLKS TEXTURAL DESCRIPTION

SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.341 SIGMA PHI = 2.670 SKEWNESS = 0.171
KG (INMAN)= 0.143 ALPHA TWO PHI = 0.111



I = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 7C9-10 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.830 VARIANCE = 0.55916E+01 STANDARD DEVIATION = 2.365
SKEWNESS = 0.121 KURTOSIS = -1.266 THIRD MOMENT = 0.32092E+01 FOURTH MOMENT = 0.54224E+02

CALCULATION OF FOLKS STATISTICS

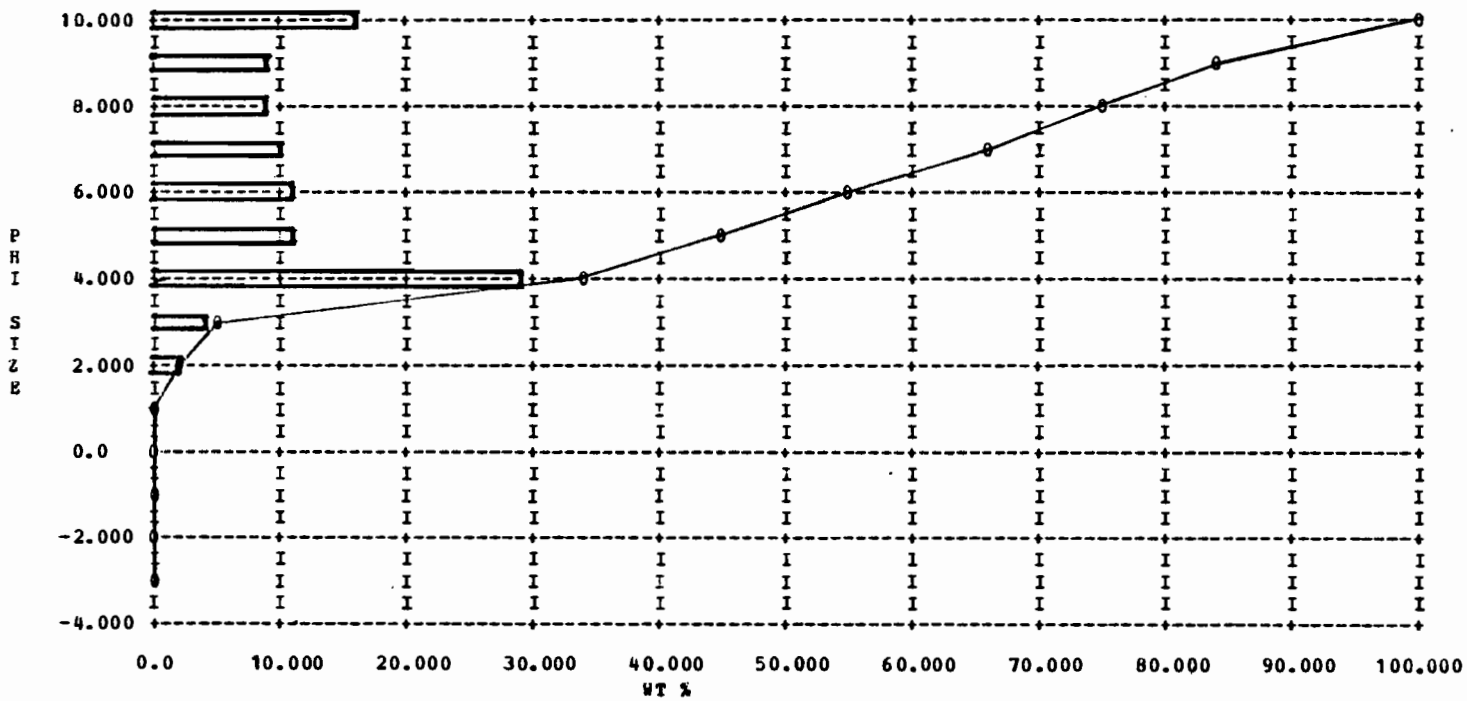
MZ = 5.981 SORTING = 2.317 SKEWNESS = 0.233 KURTOSIS = 0.612

FOLKS TEXTURAL DESCRIPTION

SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.240 SIGMA PHI = 2.728 SKEWNESS = 0.278
KG (INMAN)= 0.154 ALPHA TWO PHI = 0.218



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

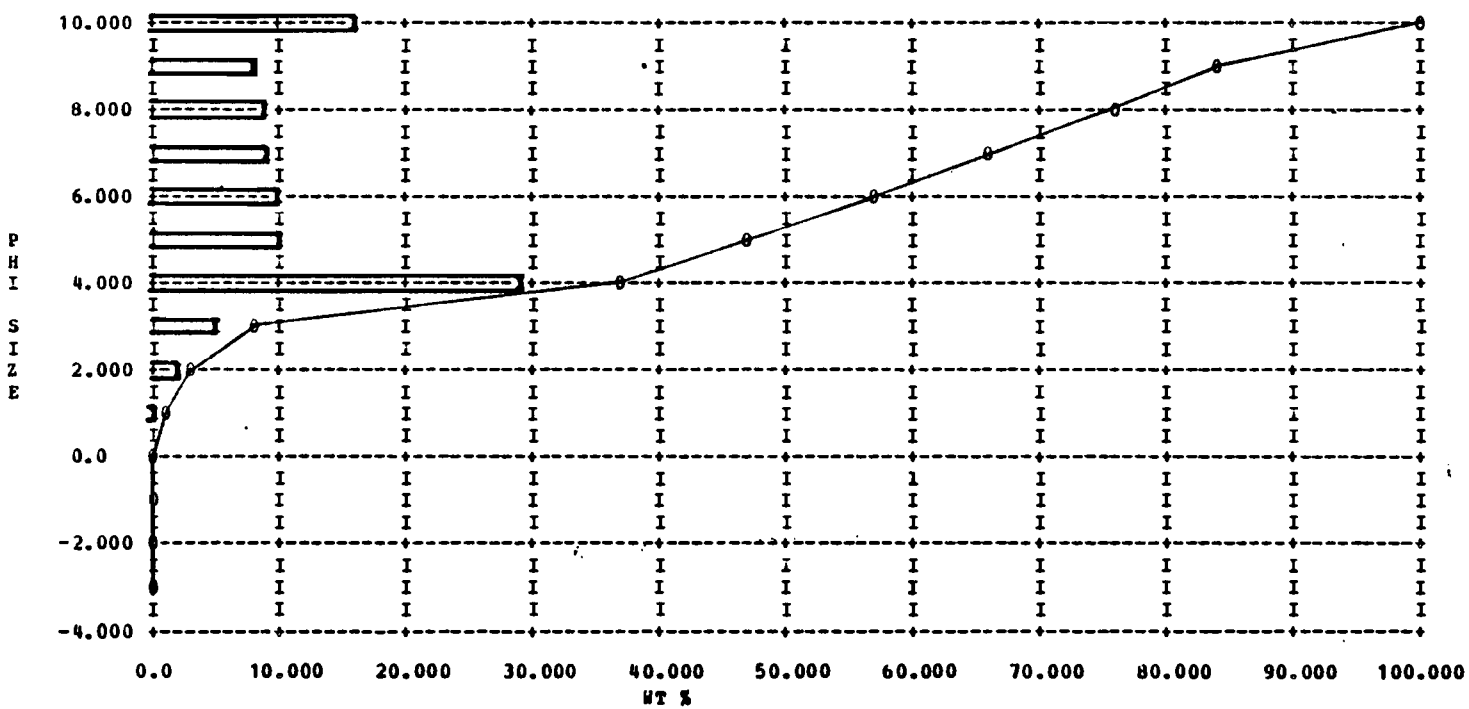
SAMPLE NO. SGB 7C10-11 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.720 VARIANCE = 0.60298E+01 STANDARD DEVIATION = 2.456
SKEWNESS = 0.098 KURTOSIS = -1.128 THIRD MOMENT = 0.29061E+01 FOURTH MOMENT = 0.68051E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.893 SORTING = 2.422 SKEWNESS = 0.241 KURTOSIS = 0.650

FOLKS TEXTURAL DESCRIPTION
SLIGHTLY GRAVELLY SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.195 SIGMA PHI = 2.808 SKEWNESS = 0.316
KG (INMAN)= 0.196 ALPHA TWO PHI = 0.200



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 7C11-12 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.899 VARIANCE = 0.60500E+01 STANDARD DEVIATION = 2.460
SKEWNESS = 0.096 KURTOSIS = -1.311 THIRD MOMENT = 0.28671E+01 FOURTH MOMENT = 0.61825E+02

CALCULATION OF FOLKS STATISTICS

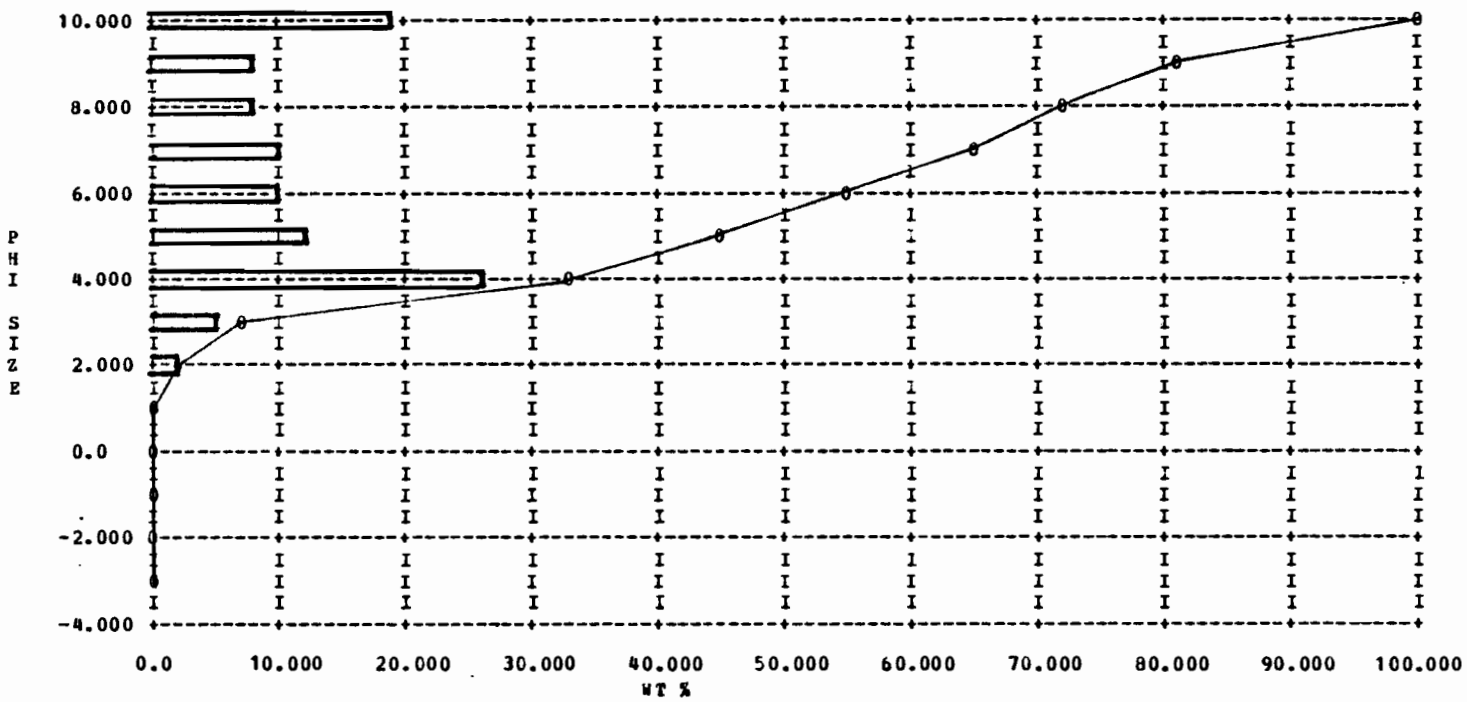
MZ = 6.001 SORTING = 2.398 SKEWNESS = 0.196 KURTOSIS = 0.601

FOLKS TEXTURAL DESCRIPTION

SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.251 SIGMA PHI = 2.791 SKEWNESS = 0.262
KG (INMAN)= 0.186 ALPHA TWO PHI = 0.154



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

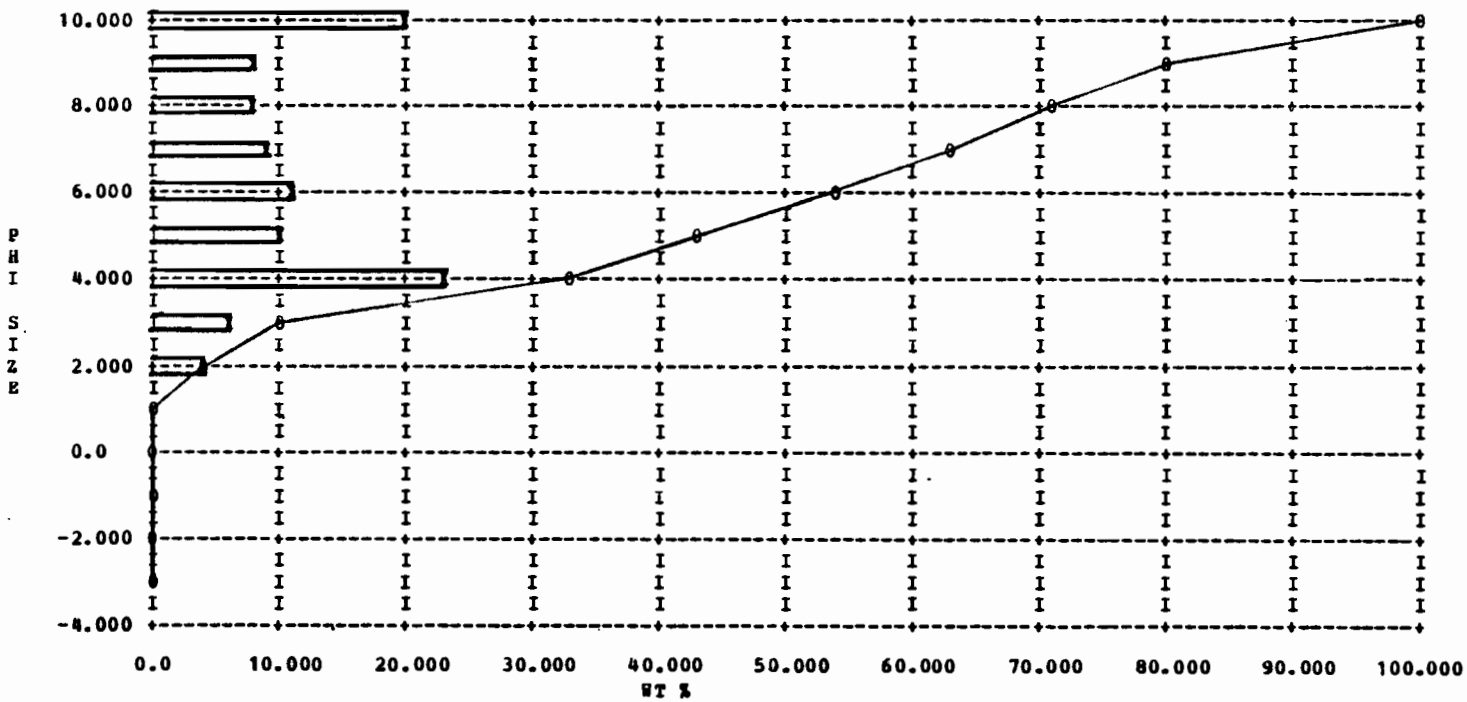
SAMPLE NO. SGB 7C12-13 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.909 VARIANCE = 0.64928E+01 STANDARD DEVIATION = 2.548
SKEWNESS = 0.053 KURTOSIS = -1.324 THIRD MOMENT = 0.17416E+01 FOURTH MOMENT = 0.70670E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.992 SORTING = 2.501 SKEWNESS = 0.122 KURTOSIS = 0.616

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.195 SIGMA PHI = 2.861 SKEWNESS = 0.206
KG (INMAN)= 0.235 ALPHA TWO PHI = 0.046



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 7C13-14 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.867 VARIANCE = 0.69369E+01 STANDARD DEVIATION = 2.634
SKEWNESS = 0.028 KURTOSIS = -1.315 THIRD MOMENT = 0.10371E+01 FOURTH MOMENT = 0.81083E+02

CALCULATION OF FOLKS STATISTICS

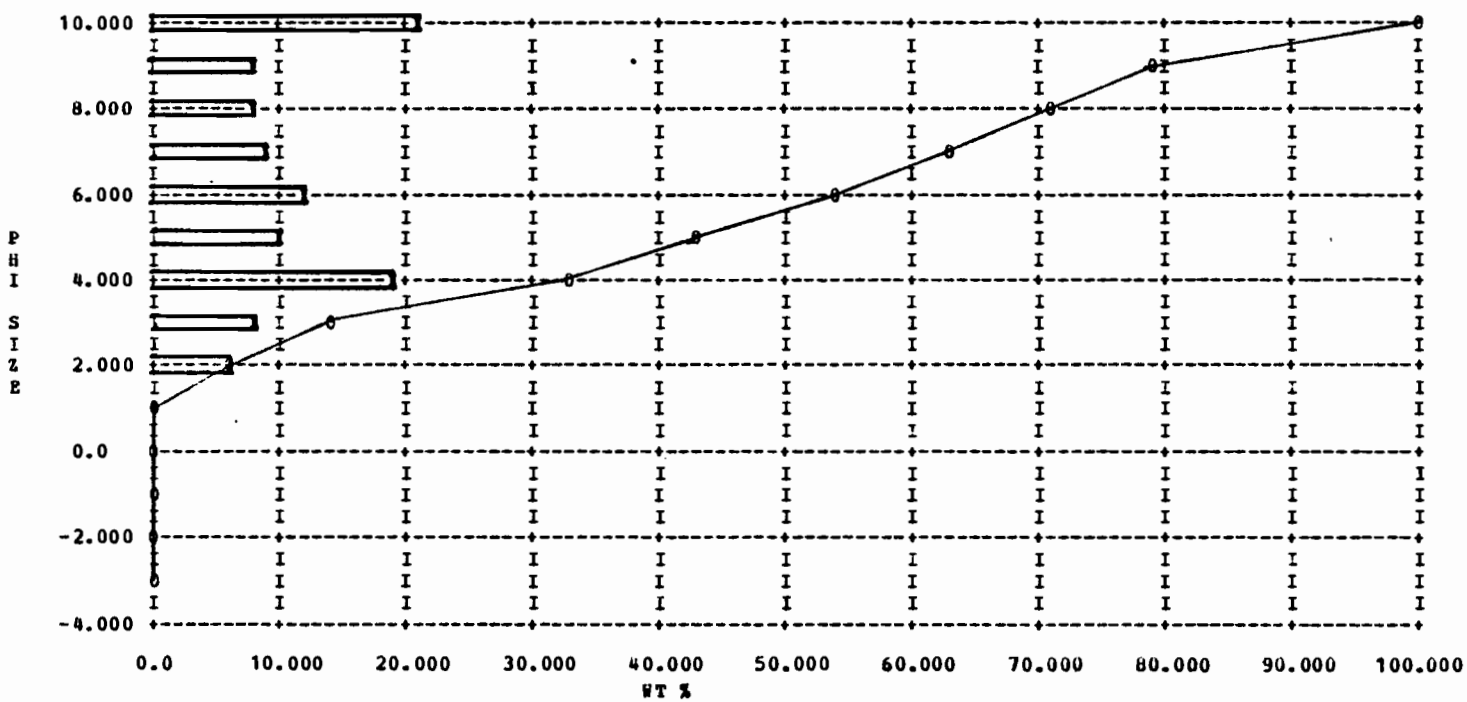
MZ = 5.936 SORTING = 2.594 SKEWNESS = 0.081 KURTOSIS = 0.618

FOLKS TEXTURAL DESCRIPTION

SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
NEAR SYMMETRICAL

CALCULATION OF INMANS STATISTICS

M PHI = 6.105 SIGMA PHI = 2.960 SKEWNESS = 0.165
KG (INMAN) = 0.242 ALPHA TWO PHI =-0.005



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

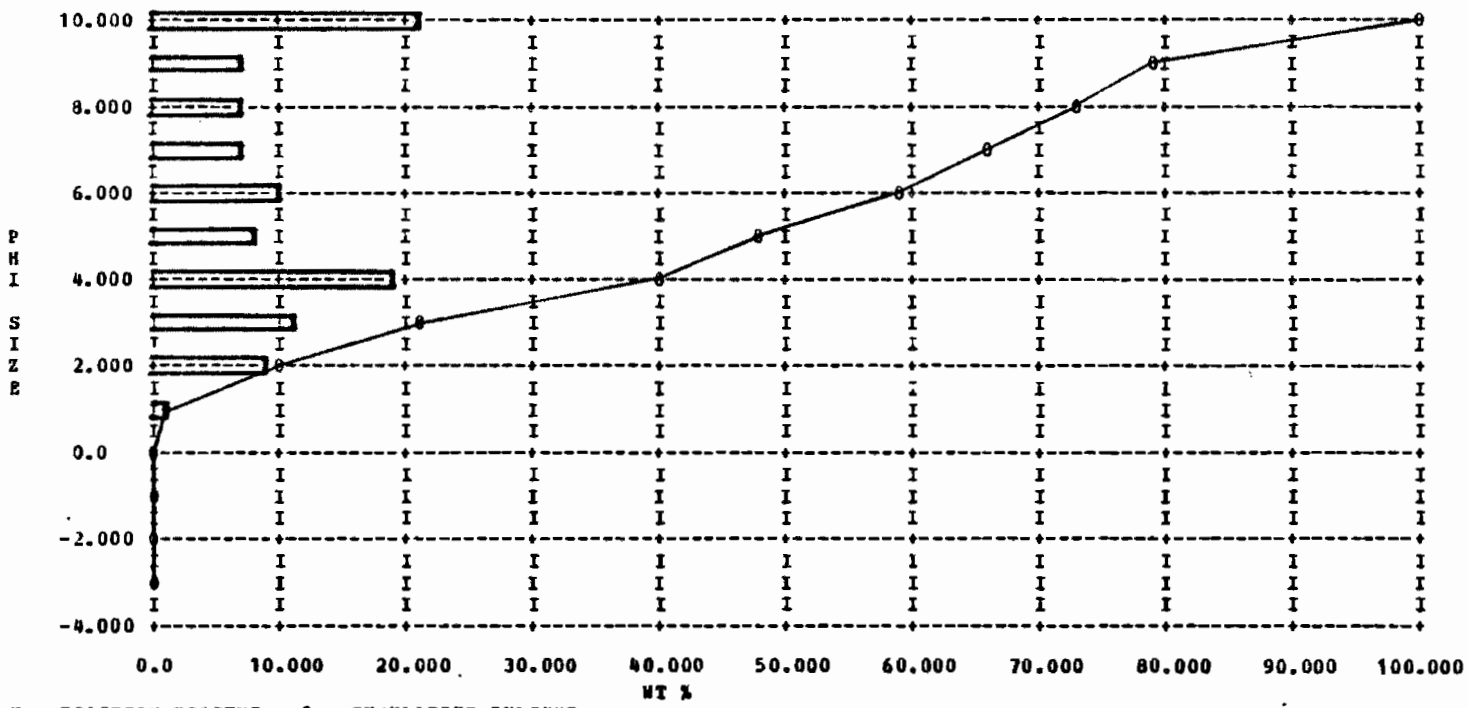
SAMPLE NO. SGB 7C14-15 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.534 VARIANCE = 0.78249E+01 STANDARD DEVIATION = 2.797
SKEWNESS = 0.072 KURTOSIS = -1.334 THIRD MOMENT = 0.31525E+01 FOURTH MOMENT = 0.10199E+03

CALCULATION OF FOLKS STATISTICS
M2 = 5.603 SORTING = 2.771 SKEWNESS = 0.142 KURTOSIS = 0.614

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.833 SIGMA PHI = 3.227 SKEWNESS = 0.208
KG (INMAN)= 0.184 ALPHA TWO PHI = 0.090



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 7C15-16 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 3.732 VARIANCE = 0.67287E+01 STANDARD DEVIATION = 2.594
SKEWNESS = 0.527 KURTOSIS = -0.002 THIRD MOMENT = 0.18410E+02 FOURTH MOMENT = 0.13573E+03

CALCULATION OF FOLKS STATISTICS

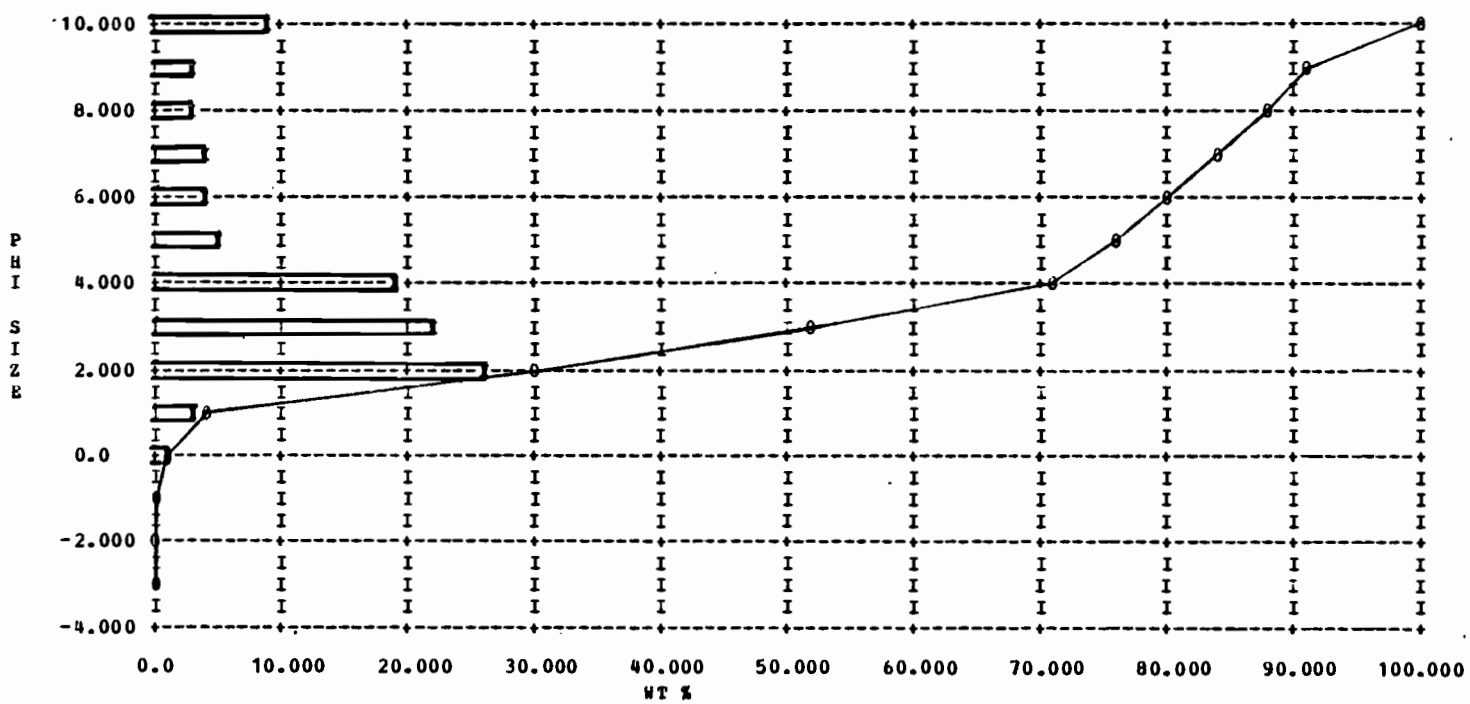
MZ = 3.804 SORTING = 2.534 SKEWNESS = 0.525 KURTOSIS = 1.118

FOLKS TEXTURAL DESCRIPTION

MUDDY SAND
VERY POORLY SORTED
LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 4.253 SIGMA PHI = 2.635 SKEWNESS = 0.507
KG (INMAN)= 0.524 ALPHA TWO PHI = 0.827



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 7C16-18 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 3.236 VARIANCE = 0.51485E+01 STANDARD DEVIATION = 2.269
SKEWNESS = 0.756 KURTOSIS = 1.679 THIRD MOMENT = 0.17656E+02 FOURTH MOMENT = 0.12401E+03

CALCULATION OF FOLKS STATISTICS

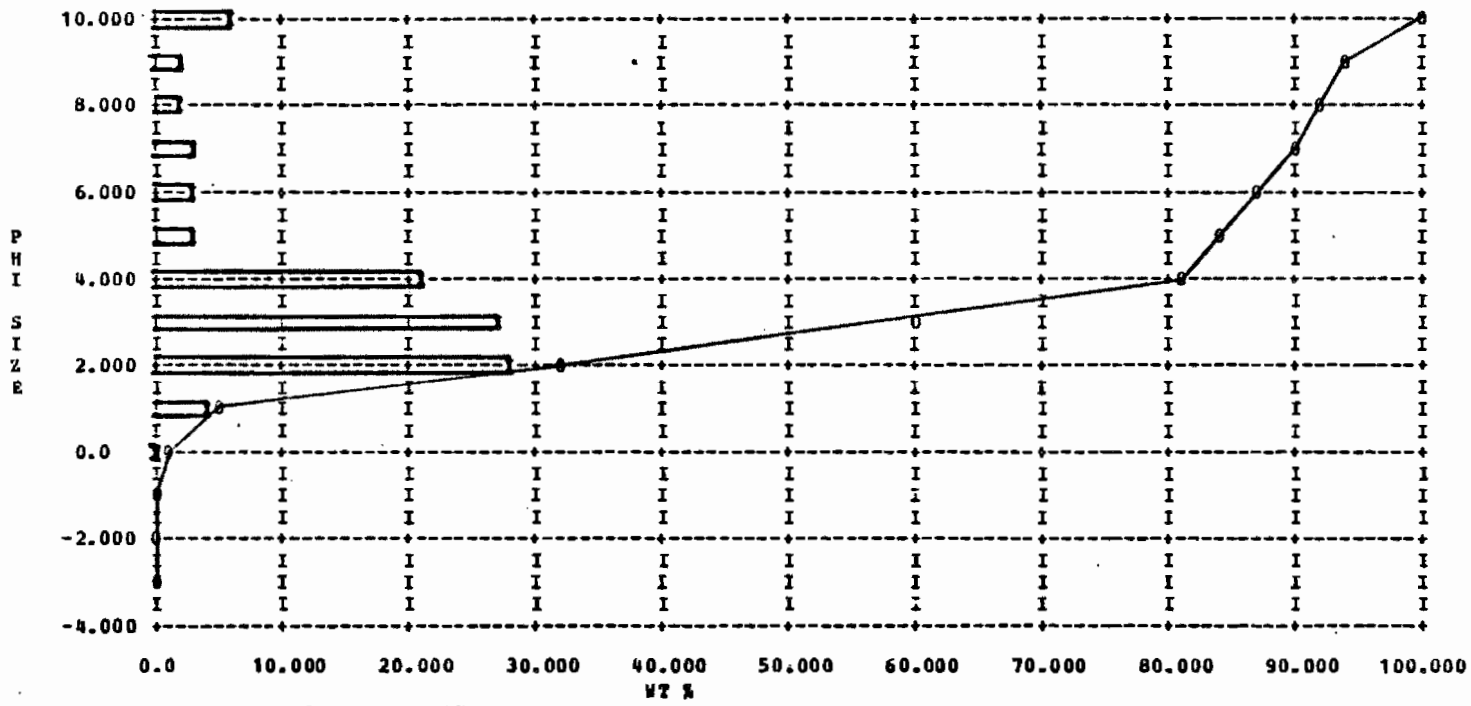
MZ = 3.030 SORTING = 2.044 SKEWNESS = 0.471 KURTOSIS = 1.772

FOLKS TEXTURAL DESCRIPTION

SLIGHTLY GRAVELLY MUDDY SAND
VERY POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 3.224 SIGMA PHI = 1.662 SKEWNESS = 0.346
KG (INMAN)= 1.408 ALPHA TWO PHI = 1.435



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 7C18-20 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 2.838 VARIANCE = 0.32466E+01 STANDARD DEVIATION = 1.802
SKEWNESS = 0.901 KURTOSIS = 3.807 THIRD MOMENT = 0.10538E+02 FOURTH MOMENT = 0.71752E+02

CALCULATION OF FOLKS STATISTICS

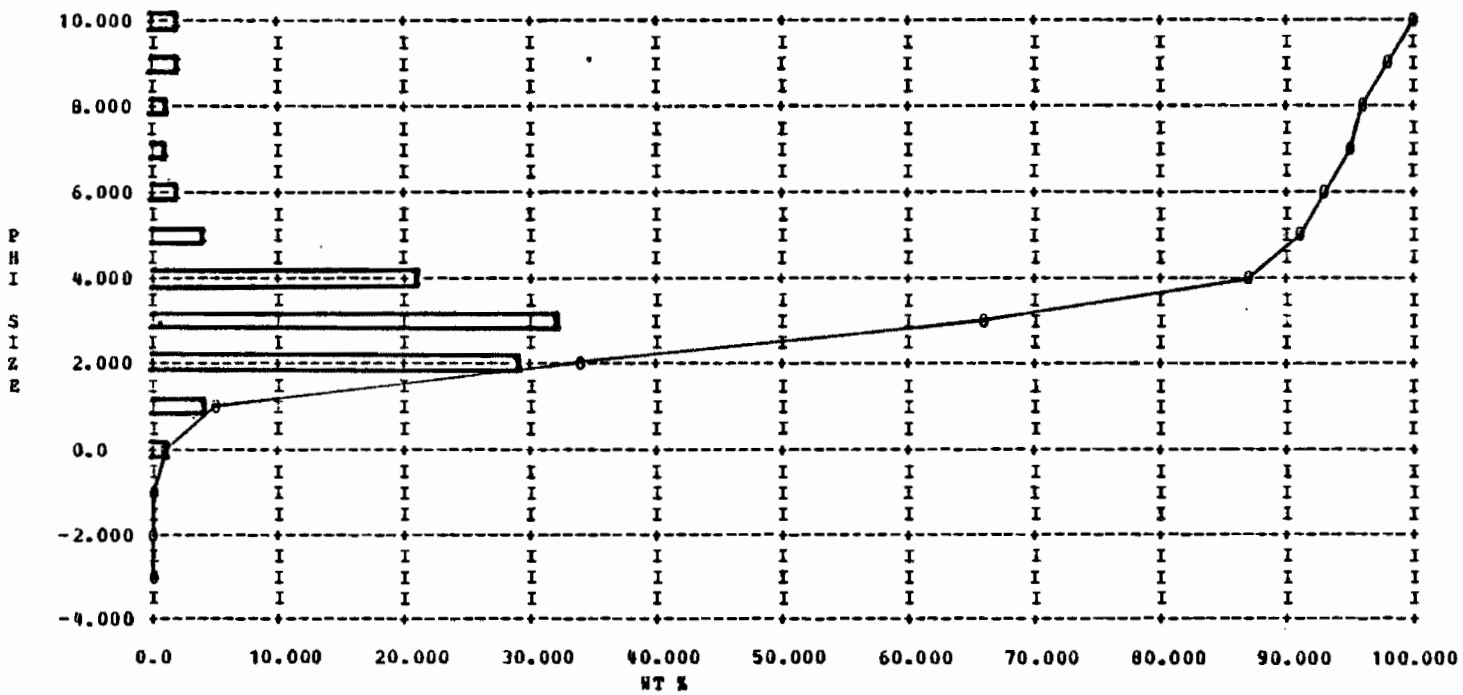
MZ = 2.603 SORTING = 1.527 SKEWNESS = 0.339 KURTOSIS = 1.648

FOLKS TEXTURAL DESCRIPTION

SILTY SAND
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 2.662 SIGMA PHI = 1.137 SKEWNESS = 0.149
KG (INMAN)= 1.783 ALPHA TWO PHI = 1.472



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 7C20-22 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 2.436 VARIANCE = 0.19659E+01 STANDARD DEVIATION = 1.402

SKEWNESS = 0.799 KURTOSIS = 5.258 THIRD MOMENT = 0.44048E+01 FOURTH MOMENT = 0.31916E+02

CALCULATION OF FOLKS STATISTICS

MZ = 2.349 SORTING = 1.126 SKEWNESS = 0.241 KURTOSIS = 1.219

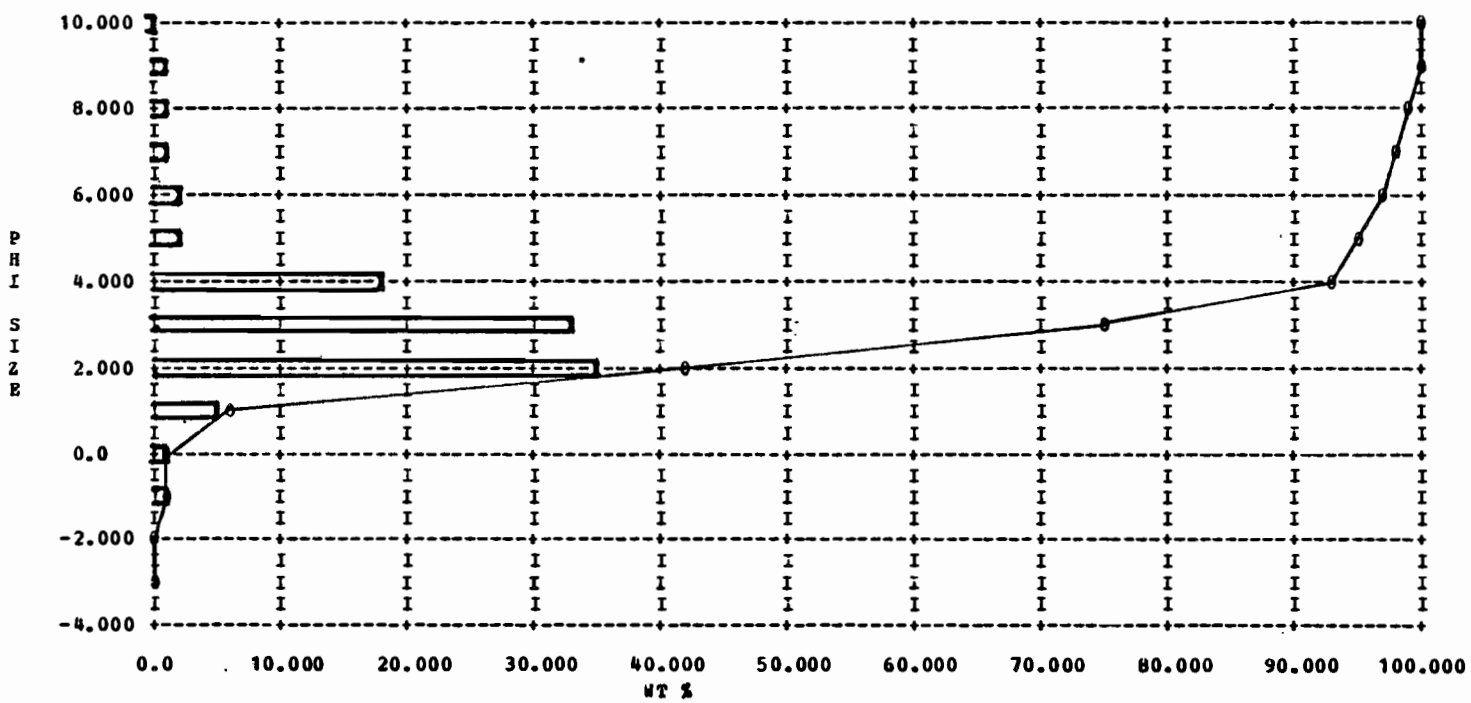
FOLKS TEXTURAL DESCRIPTION

SLIGHTLY GRAVELLY SAND
POORLY SORTED
LEPTOKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 2.410 SIGMA PHI = 1.011 SKEWNESS = 0.172

KG (INMAN)= 1.026 ALPHA TWO PHI = 0.628



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 7C22-24 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 2.461 VARIANCE = 0.25366E+01 STANDARD DEVIATION = 1.593
SKEWNESS = 1.021 KURTOSIS = 6.138 THIRD MOMENT = 0.82475E+01 FOURTH MOMENT = 0.58798E+02

CALCULATION OF FOLKS STATISTICS

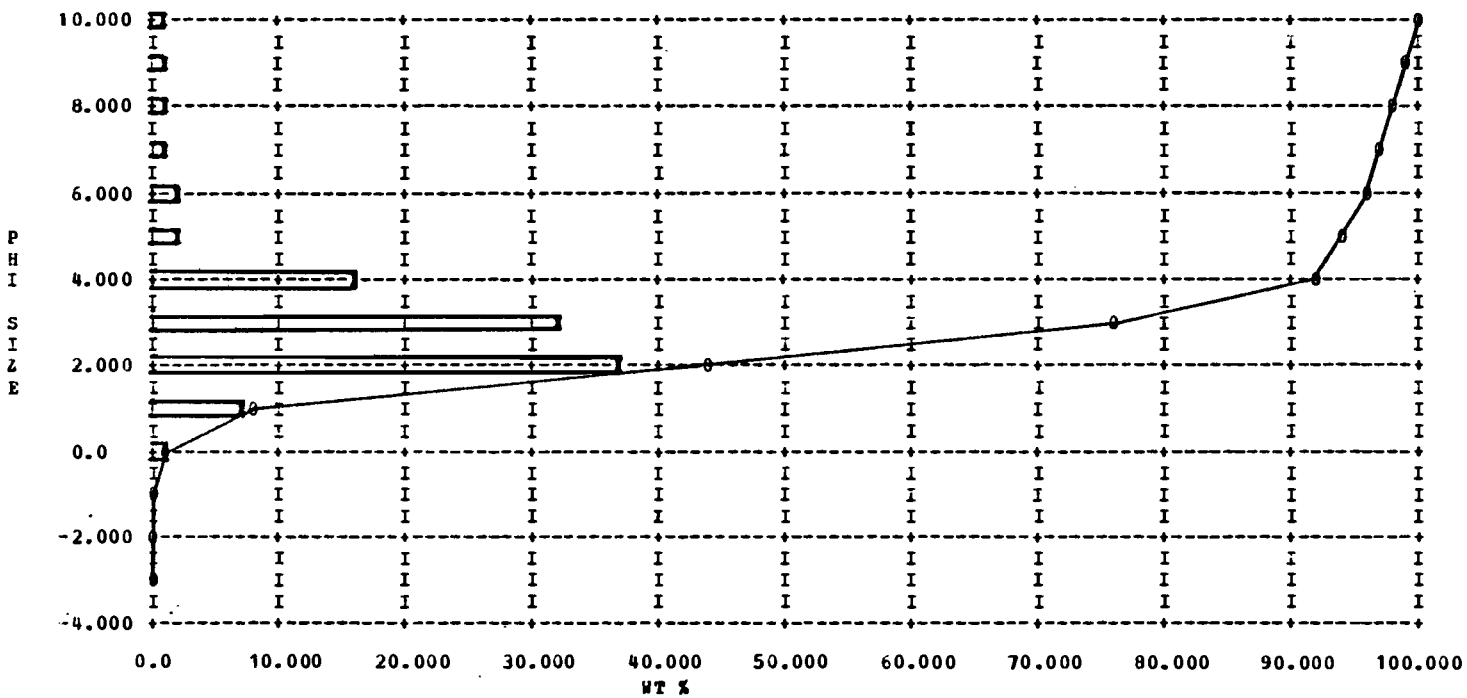
MZ = 2.308 SORTING = 1.254 SKEWNESS = 0.310 KURTOSIS = 1.447

FOLKS TEXTURAL DESCRIPTION

SLIGHTLY GRAVELLY SAND
POORLY SORTED
LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 2.379 SIGMA PHI = 1.038 SKEWNESS = 0.201
KG (INMAN)= 1.338 ALPHA TWO PHI = 0.979



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

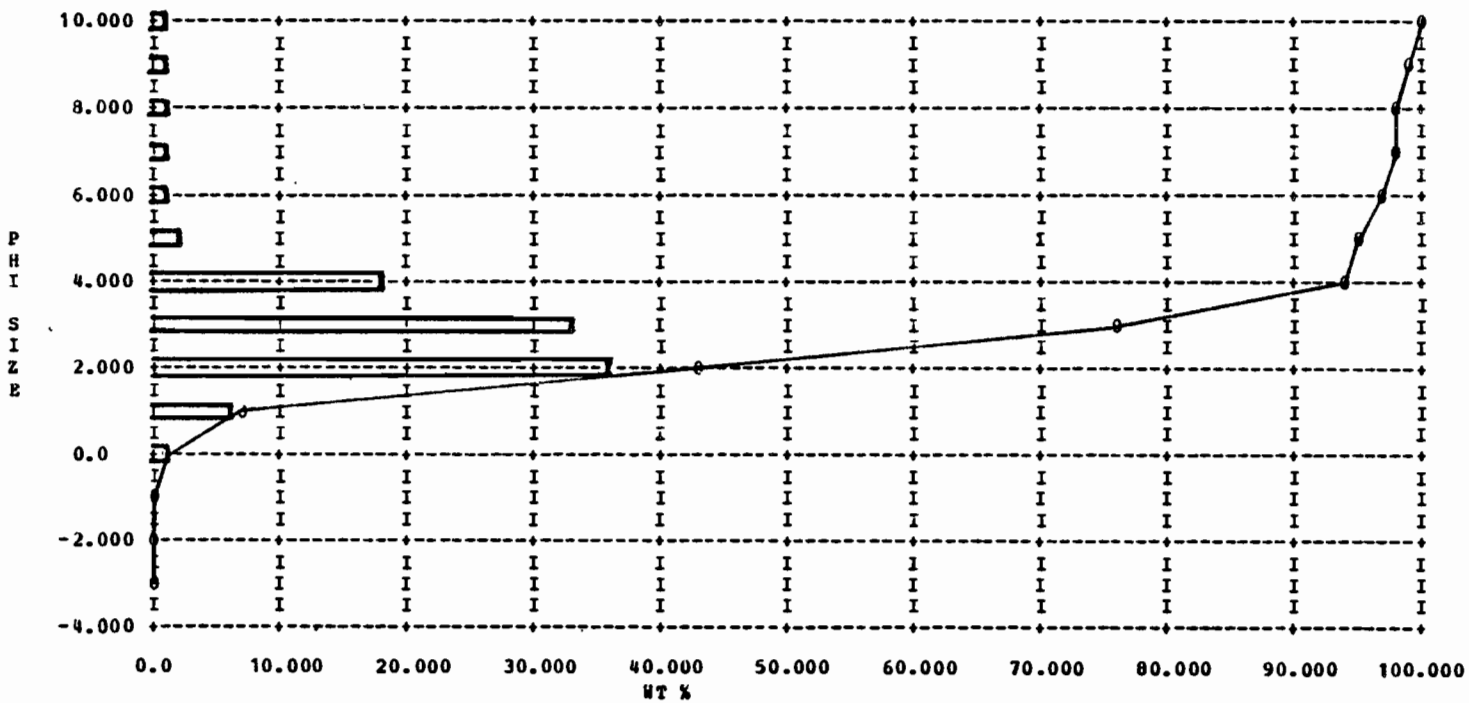
SAMPLE NO. SGB 7C24-26 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 2.425 VARIANCE = 0.21451E+01 STANDARD DEVIATION = 1.465
SKEWNESS = 1.009 KURTOSIS = 6.909 THIRD MOMENT = 0.63381E+01 FOURTH MOMENT = 0.45599E+02

CALCULATION OF FOLKS STATISTICS
MZ = 2.307 SORTING = 1.115 SKEWNESS = 0.233 KURTOSIS = 1.228

FOLKS TEXTURAL DESCRIPTION
SLIGHTLY GRAVELLY SAND
POORLY SORTED
LEPTOKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 2.363 SIGMA PHI = 0.997 SKEWNESS = 0.160
KG (INMAN)= 1.041 ALPHA TWO PHI = 0.623



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

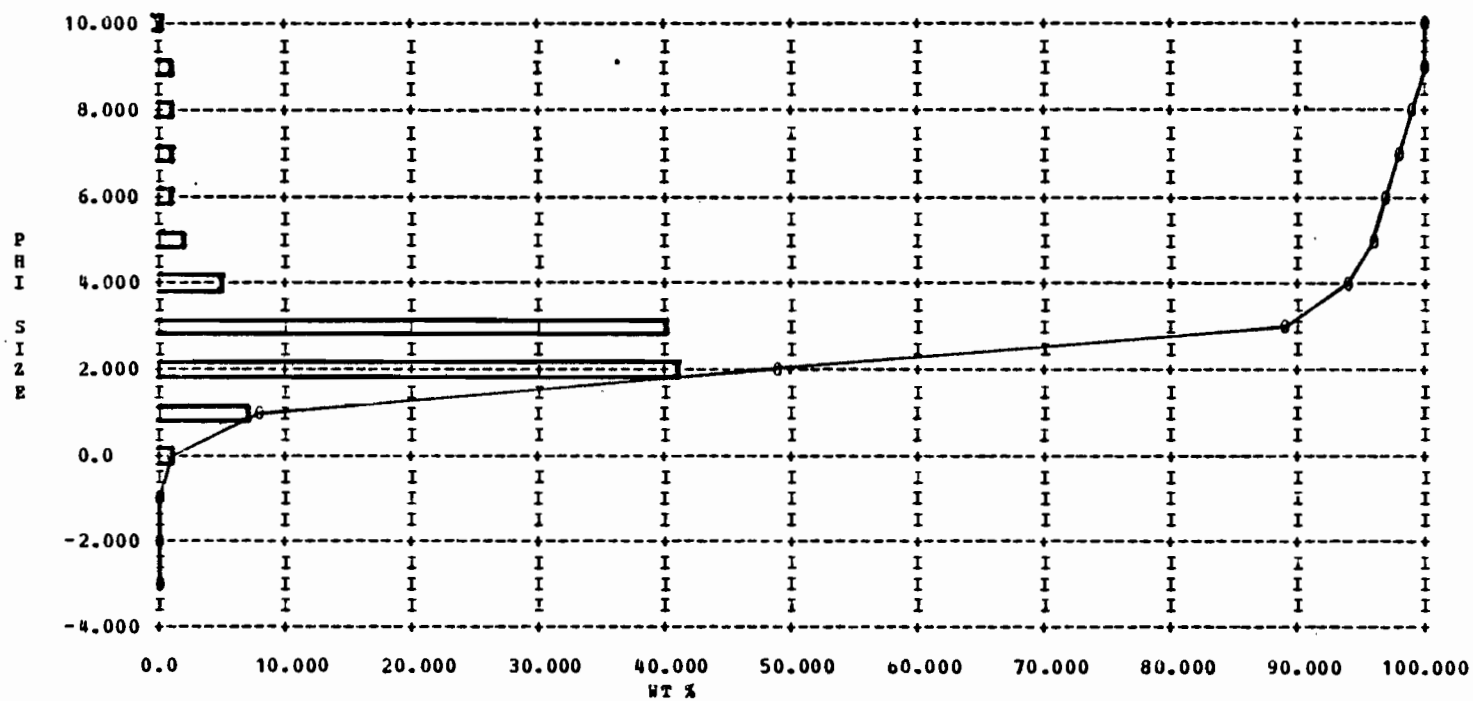
SAMPLE NO. SGB 7C26-28 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 2.180 VARIANCE = 0.15937E+01 STANDARD DEVIATION = 1.262
SKEWNESS = 1.060 KURTOSIS = 7.568 THIRD MOMENT = 0.42661E+01 FOURTH MOMENT = 0.26842E+02

CALCULATION OF FOLKS STATISTICS
MZ = 2.044 SORTING = 0.942 SKEWNESS = 0.175 KURTOSIS = 1.494

FOLKS TEXTURAL DESCRIPTION
SLIGHTLY GRAVELLY SAND
MODERATELY POORLY SORTED
LEPTOKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 2.056 SIGMA PHI = 0.754 SKEWNESS = 0.043
KG (INMAN)= 1.473 ALPHA TWO PHI = 0.760



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

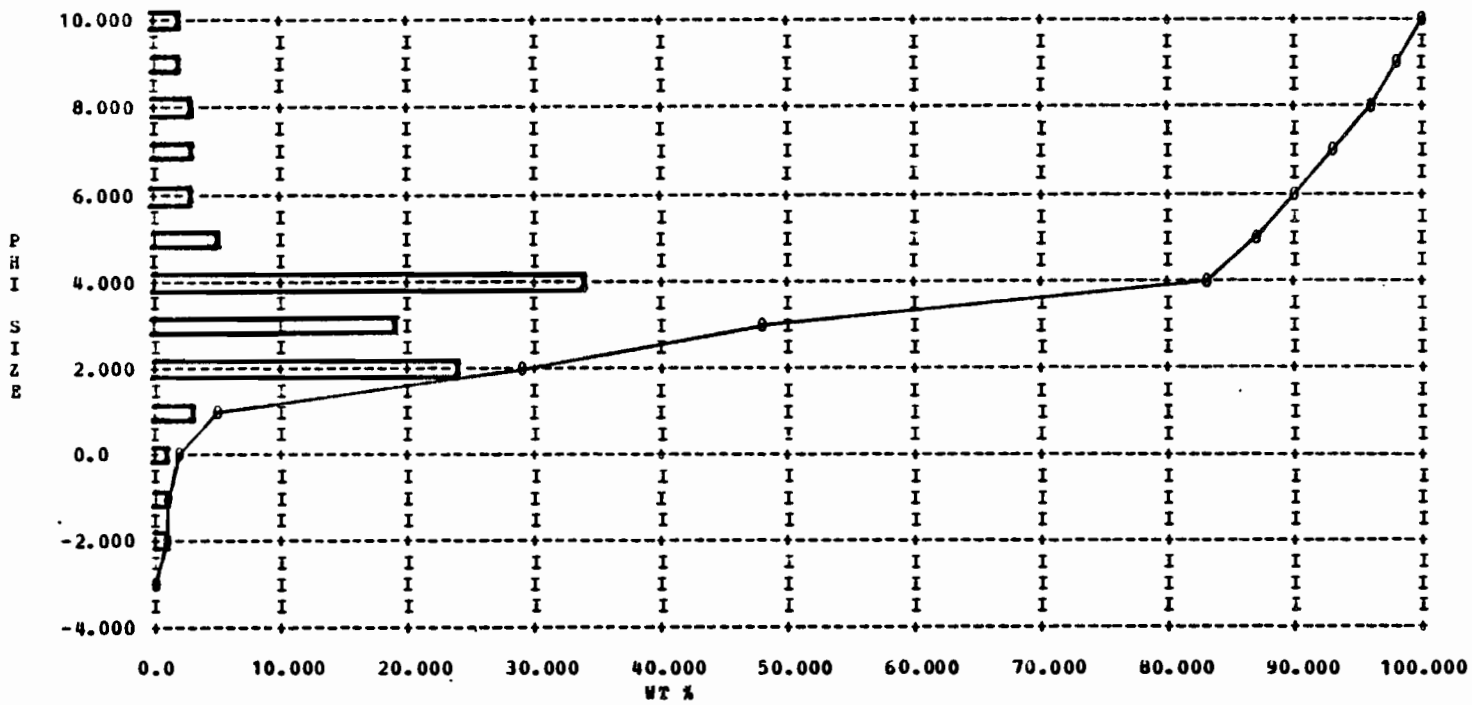
SAMPLE NO. SGB 7C28-30 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 3.181 VARIANCE = 0.39696E+01 STANDARD DEVIATION = 1.992
SKEWNESS = 0.557 KURTOSIS = 2.101 THIRD MOMENT = 0.88068E+01 FOURTH MOMENT = 0.80379E+02

CALCULATION OF FOLKS STATISTICS
MZ = 2.977 SORTING = 1.682 SKEWNESS = 0.157 KURTOSIS = 1.480

FOLKS TEXTURAL DESCRIPTION
SLIGHTLY GRAVELLY MUDDY SAND
POORLY SORTED
LEPTOKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 2.946 SIGMA PHI = 1.344 SKEWNESS = -0.077
KG (INMAN)= 1.480 ALPHA TWO PHI = 0.971



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

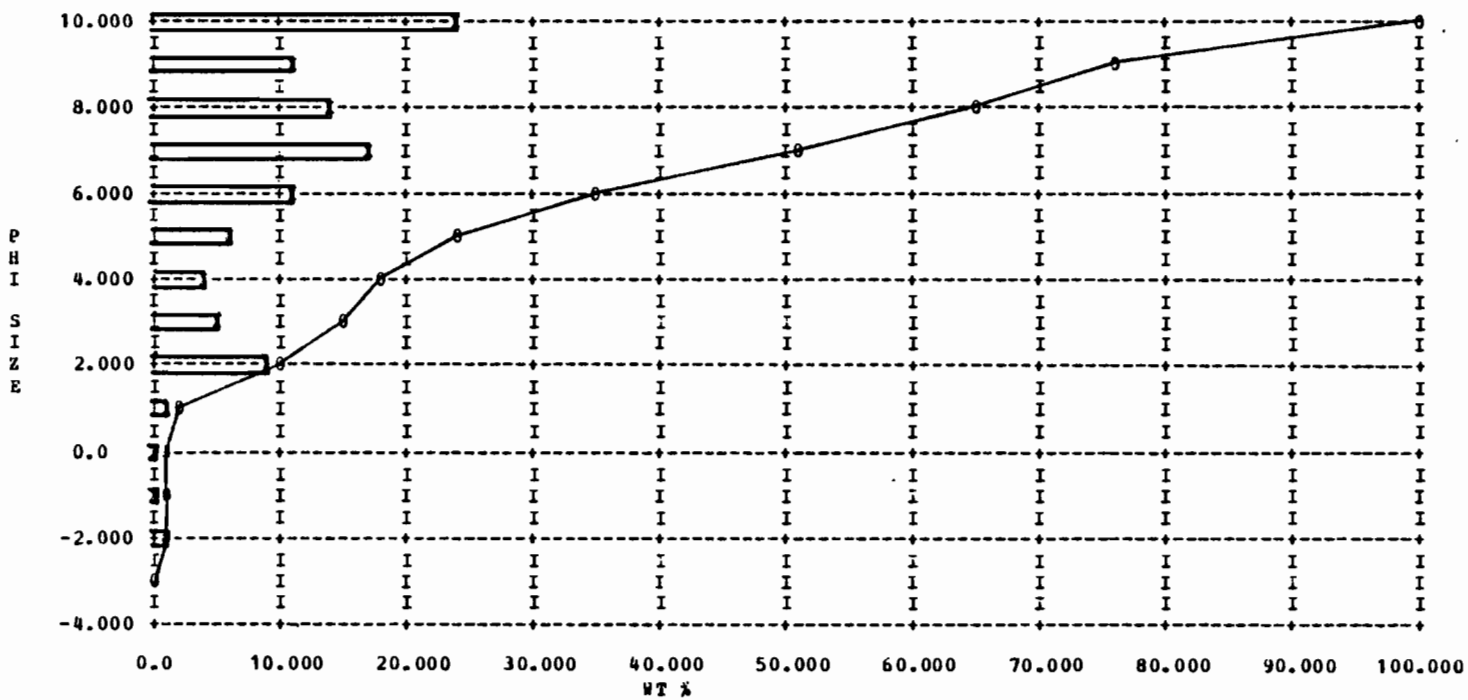
SAMPLE NO. SGB 7C30-35 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 6.521 VARIANCE = 0.70868E+01 STANDARD DEVIATION = 2.662
SKEWNESS = -0.382 KURTOSIS = -0.192 THIRD MOMENT =-0.14409E+02 FOURTH MOMENT = 0.14105E+03

CALCULATION OF FOLKS STATISTICS
MZ = 6.451 SORTING = 2.603 SKEWNESS = -0.311 KURTOSIS = 0.836

FOLKS TEXTURAL DESCRIPTION
SLIGHTLY GRAVELLY SANDY MUD
VERY POORLY SORTED
PLATYKURTIC
STRONGLY COARSE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.230 SIGMA PHI = 2.861 SKEWNESS = -0.239
KG (INMAN)= 0.352 ALPHA TWO PHI =-0.519



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

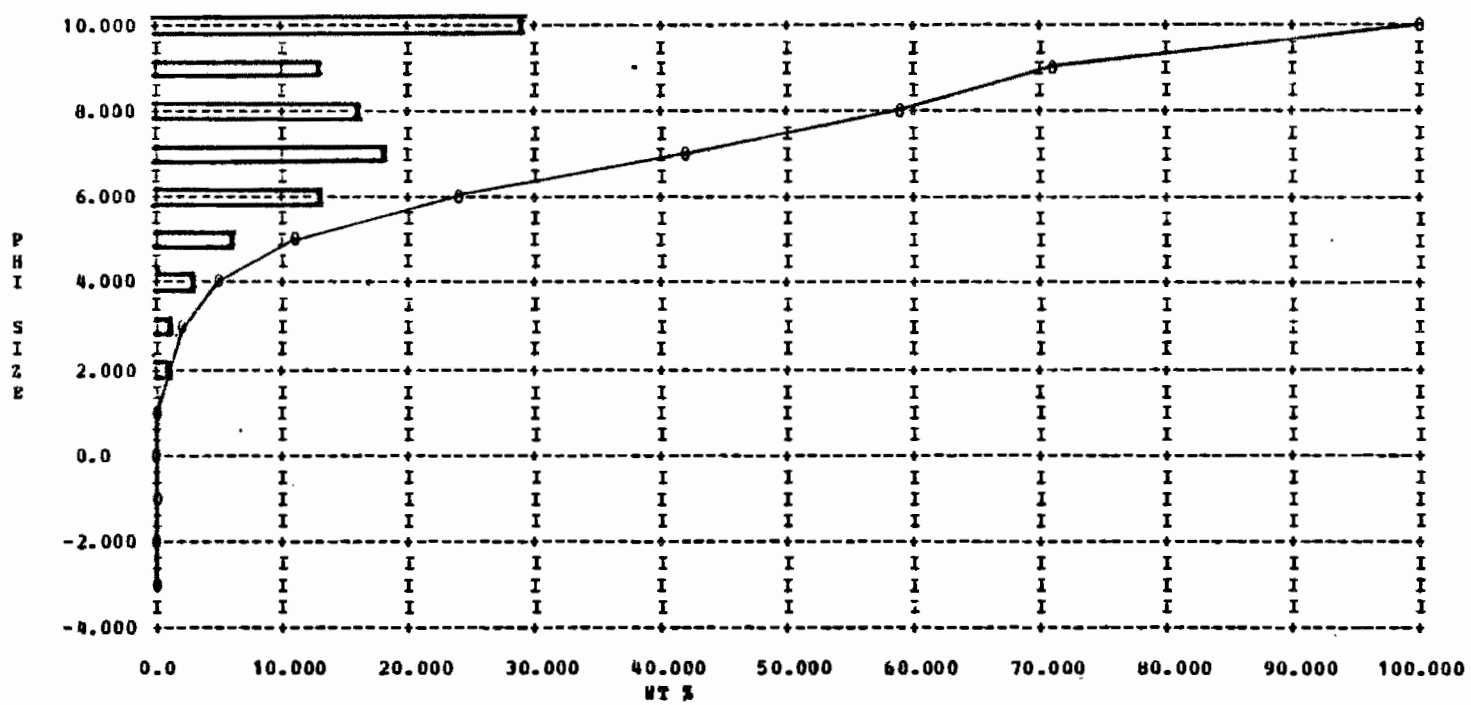
SAMPLE NO. SGB 7C35-38 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 7.360 VARIANCE = 0.35607E+01 STANDARD DEVIATION = 1.887
SKEWNESS = -0.324 KURTOSIS = 0.085 THIRD MOMENT =-0.43560E+01 FOURTH MOMENT = 0.39108E+02

CALCULATION OF FOLKS STATISTICS
M2 = 7.350 SORTING = 1.713 SKEWNESS = -0.197 KURTOSIS = 0.728

FOLKS TEXTURAL DESCRIPTION
MUD
POORLY SORTED
PLATYKURTIC
COARSE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 7.297 SIGMA PHI = 1.835 SKEWNESS = -0.099
KG (INMAN)= 0.430 ALPHA TWO PHI =-0.422



X = FRACTION PERCENT "MULATIVE PERCENT

TABLE 7A (continued)

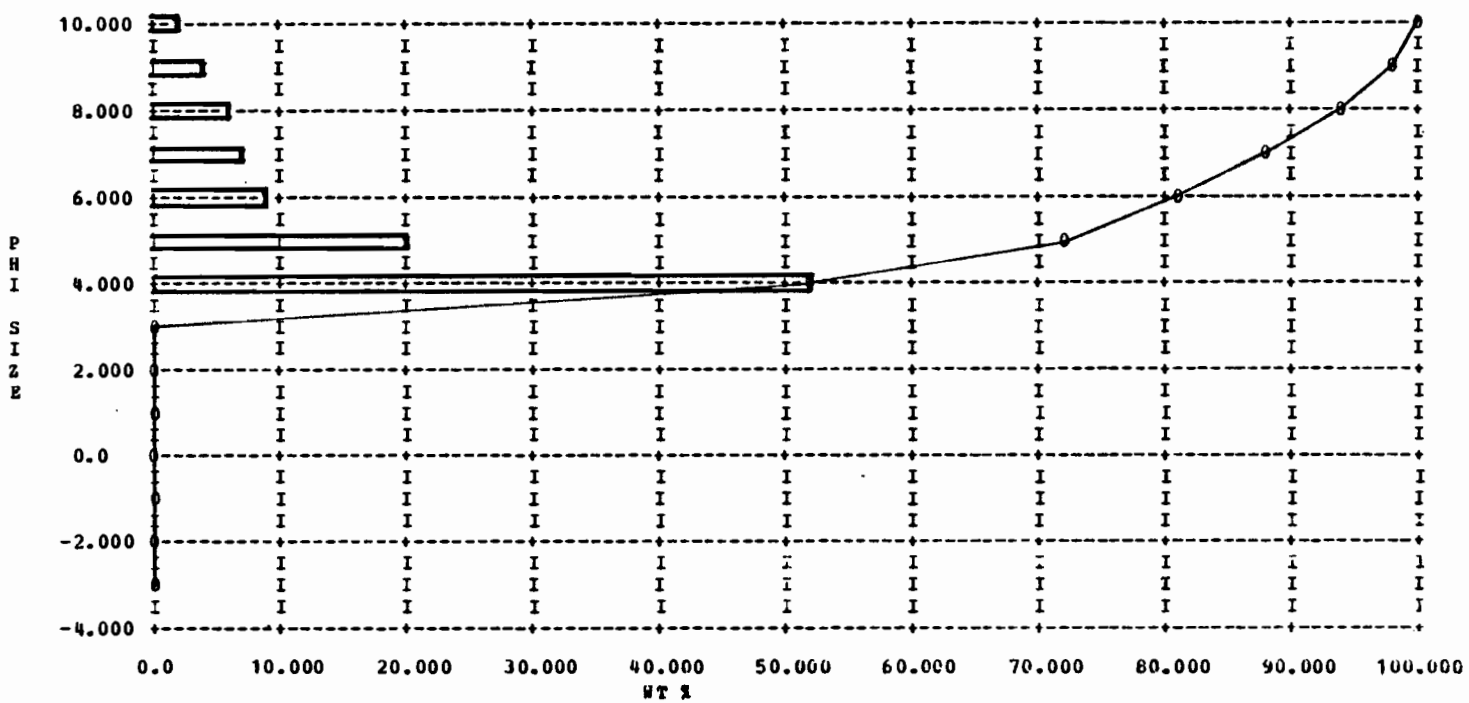
SAMPLE NO. SGB 22C0-1 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.629 VARIANCE = 0.25466E+01 STANDARD DEVIATION = 1.596
SKEWNESS = 0.690 KURTOSIS = 0.980 THIRD MOMENT = 0.56073E+01 FOURTH MOMENT = 0.25811E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.639 SORTING = 1.417 SKEWNESS = 0.736 KURTOSIS = 1.280

FOLKS TEXTURAL DESCRIPTION
SILTY SAND
POORLY SORTED
LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 4.977 SIGMA PHI = 1.373 SKEWNESS = 0.728
KG (INMAN) = 0.756 ALPHA TWO PHI = 1.306



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

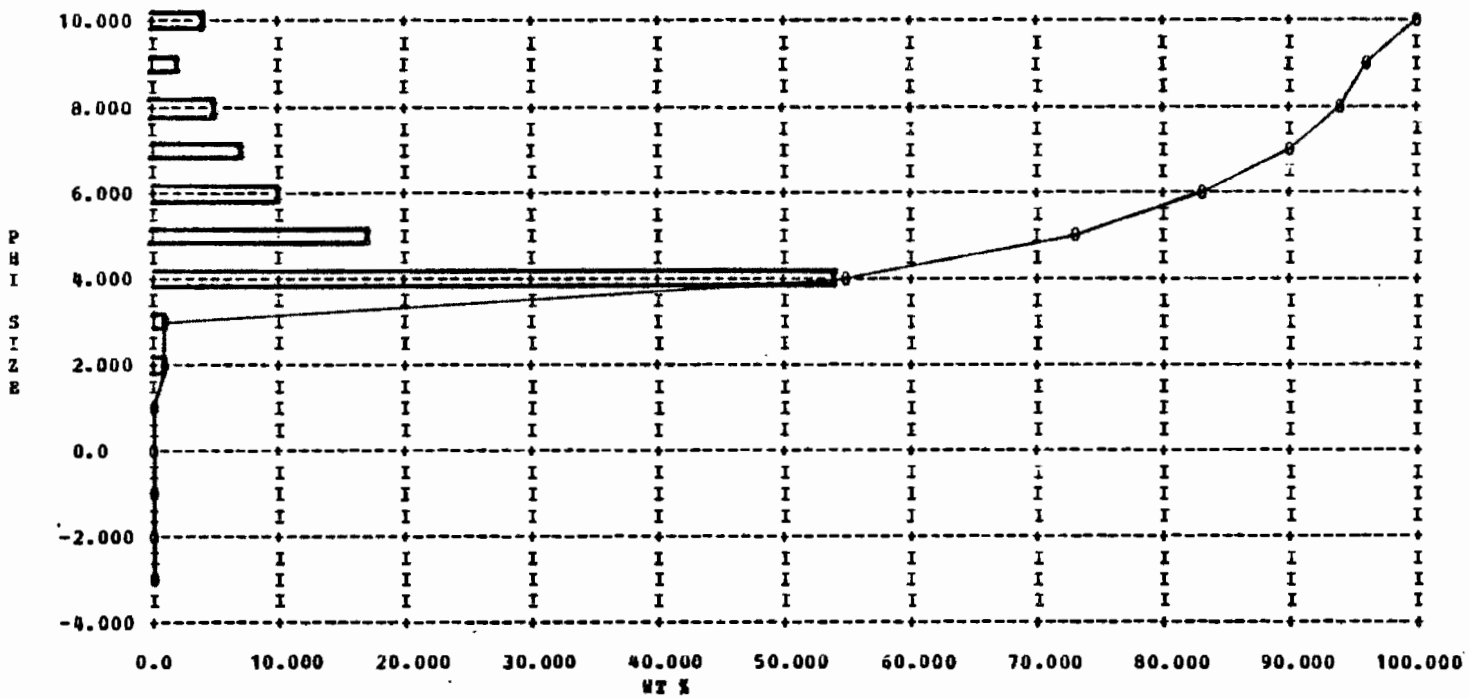
SAMPLE NO. SGB 22C1-2 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.577 VARIANCE = 0.27090E+01 STANDARD DEVIATION = 1.646
SKEWNESS = 0.753 KURTOSIS = 1.629 THIRD MOMENT = 0.67137E+01 FOURTH MOMENT = 0.33974E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.534 SORTING = 1.448 SKEWNESS = 0.704 KURTOSIS = 1.373

FOLKS TEXTURAL DESCRIPTION
SILTY SAND
POORLY SORTED
LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 4.836 SIGMA PHI = 1.317 SKEWNESS = 0.677
KG (INMAN)= 0.978 ALPHA TWO PHI = 1.444



I = FRACTION PERCENT O = CUMULATIVE PERCENT

TABLE 7A (continued)

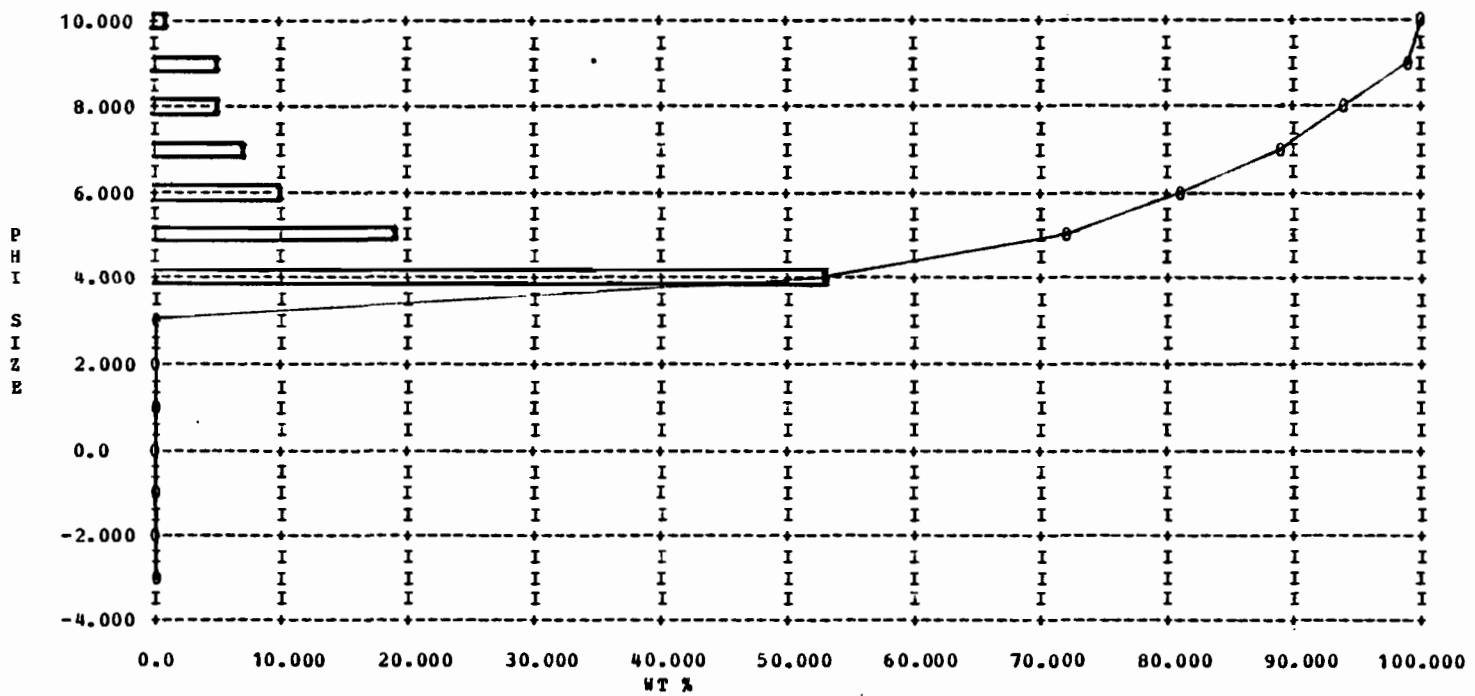
SAMPLE NO. SGB 22C2-3 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.630 VARIANCE = 0.24677E+01 STANDARD DEVIATION = 1.571
SKEWNESS = 0.693 KURTOSIS = 0.931 THIRD MOMENT = 0.53764E+01 FOURTH MOMENT = 0.23936E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.673 SORTING = 1.337 SKEWNESS = 0.816 KURTOSIS = 1.259

FOLKS TEXTURAL DESCRIPTION
SILTY SAND
POORLY SORTED
LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.024 SIGMA PHI = 1.285 SKEWNESS = 0.810
KG (INMAN) = 0.784 ALPHA TWO PHI = 1.469



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

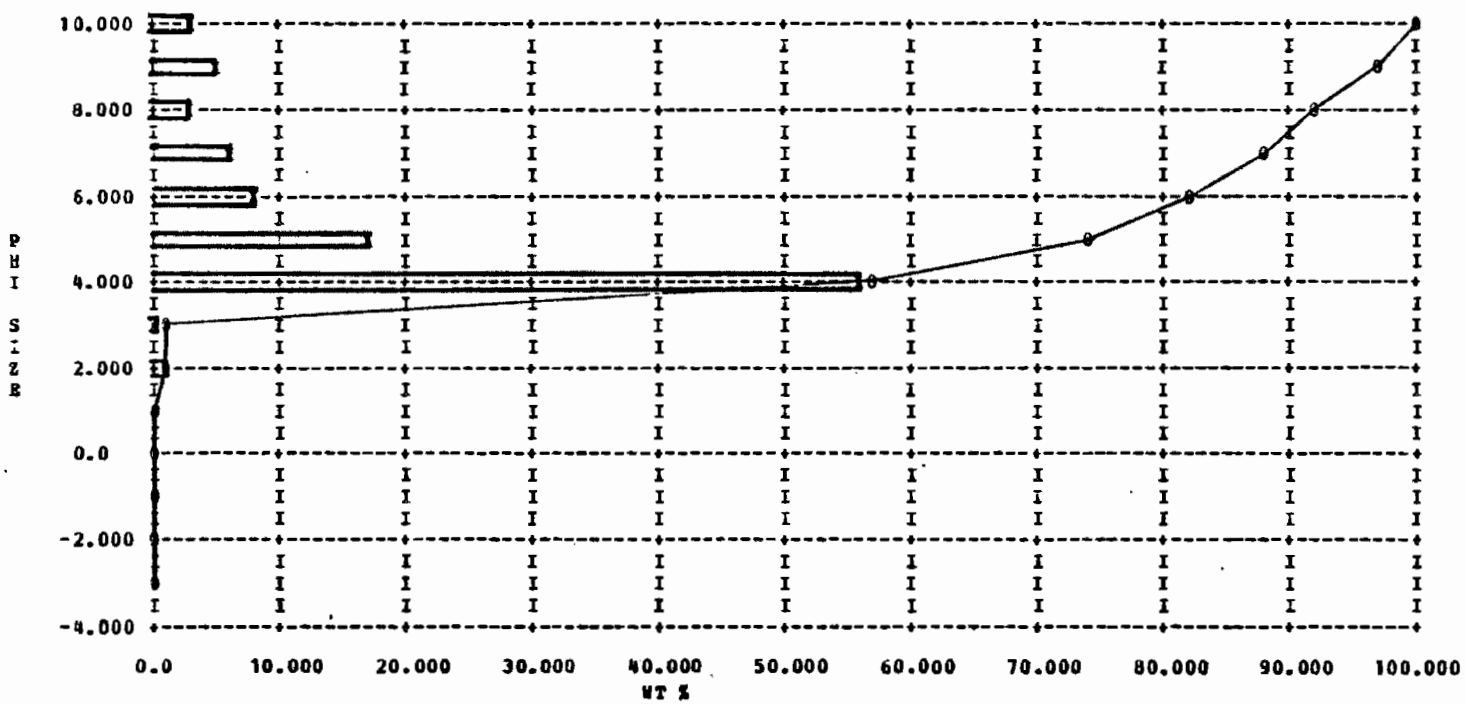
SAMPLE NO. SGB 22C3-4 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.576 VARIANCE = 0.28454E+01 STANDARD DEVIATION = 1.687
SKEWNESS = 0.750 KURTOSIS = 1.328 THIRD MOMENT = 0.72009E+01 FOURTH MOMENT = 0.35044E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.574 SORTING = 1.475 SKEWNESS = 0.735 KURTOSIS = 1.531

FOLKS TEXTURAL DESCRIPTION
SILTY SAND
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 4.903 SIGMA PHI = 1.361 SKEWNESS = 0.715
KG (INMAN)= 0.926 ALPHA TWO PHI = 1.454



X = FRACTION PERCENT O = CUMULATIVE PERCENT

TABLE 7A (continued)

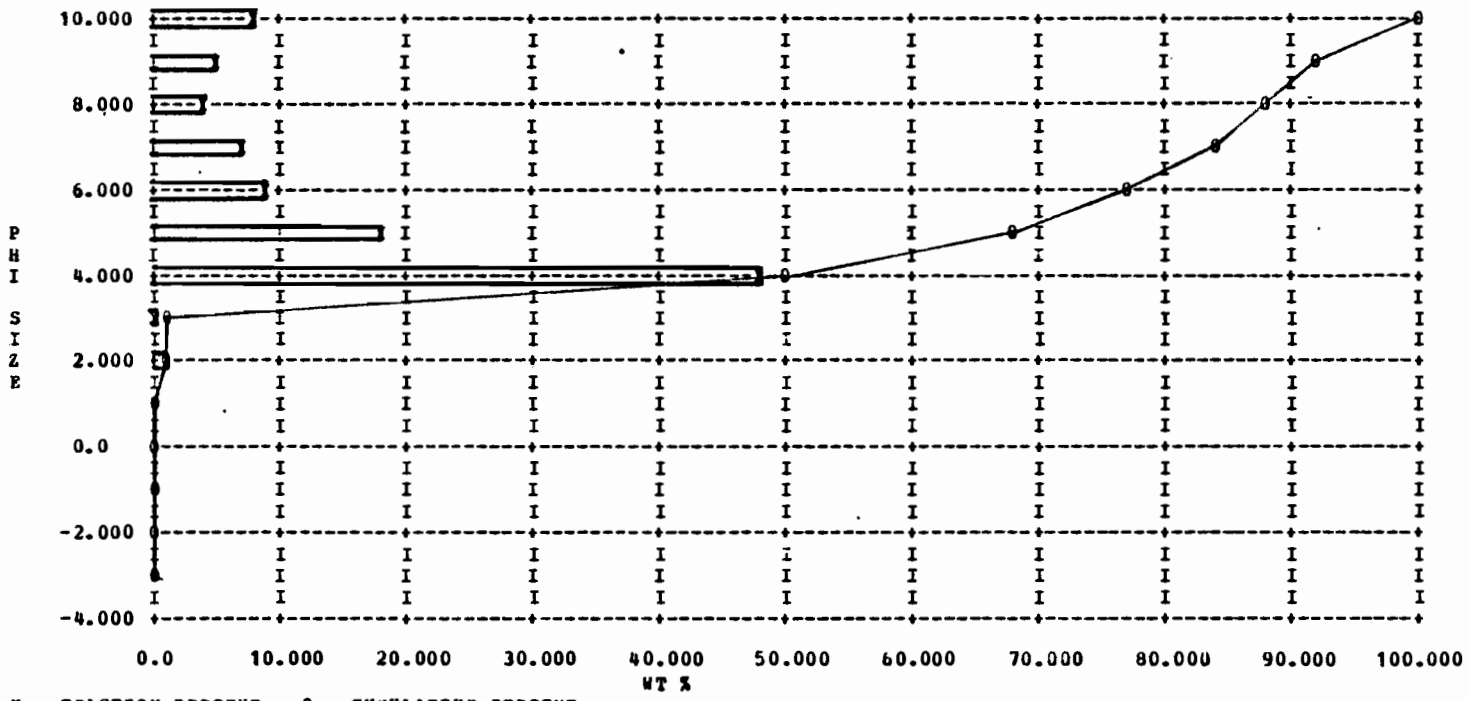
SAMPLE NO. SGB 22C4-5 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.890 VARIANCE = 0.38151E+01 STANDARD DEVIATION = 1.953
SKEWNESS = 0.597 KURTOSIS = 0.296 THIRD MOMENT = 0.88936E+01 FOURTH MOMENT = 0.47973E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.881 SORTING = 1.770 SKEWNESS = 0.737 KURTOSIS = 1.157

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.320 SIGMA PHI = 1.772 SKEWNESS = 0.736
KG (INMAN)= 0.647 ALPHA TWO PHI = 1.215



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

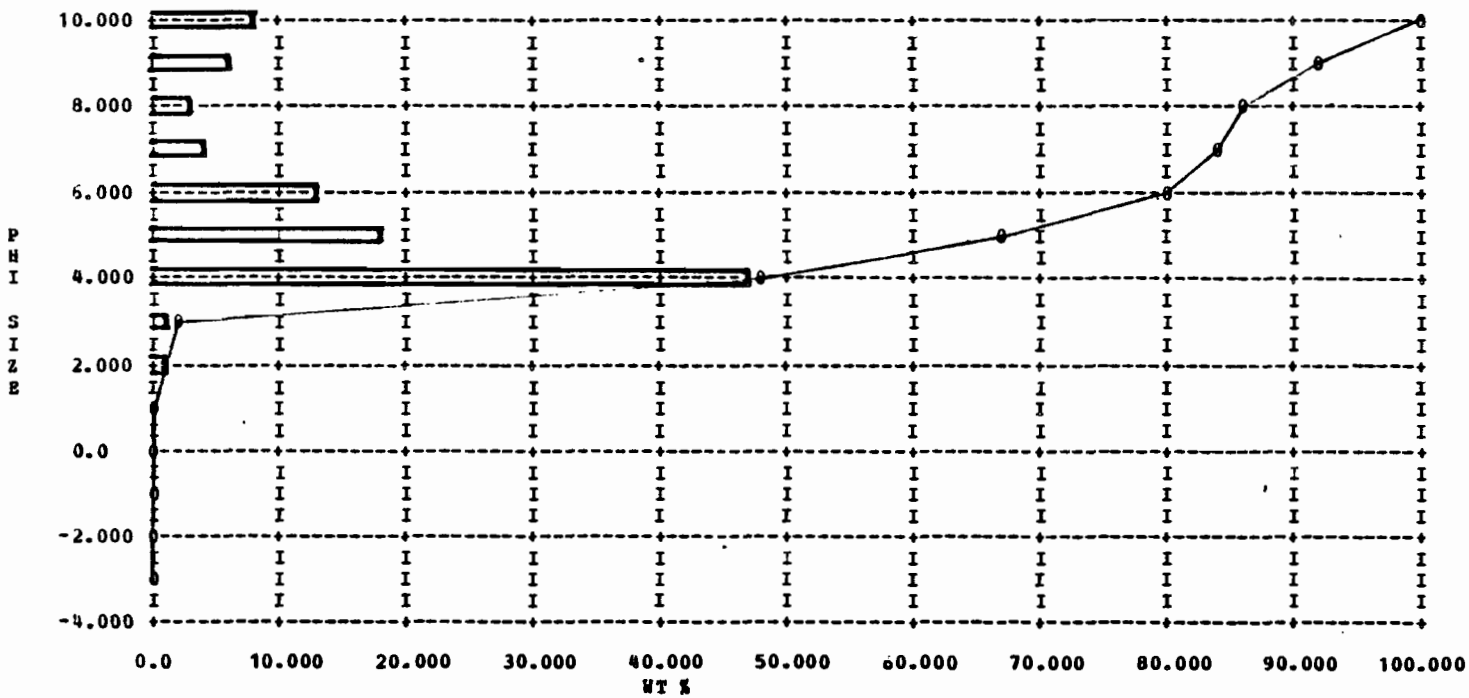
SAMPLE NO. SGB 22C5-6 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.898 VARIANCE = 0.38367E+01 STANDARD DEVIATION = 1.959
SKEWNESS = 0.606 KURTOSIS = 0.349 THIRD MOMENT = 0.91024E+01 FOURTH MOMENT = 0.49293E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.919 SORTING = 1.798 SKEWNESS = 0.700 KURTOSIS = 1.257

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.345 SIGMA PHI = 1.815 SKEWNESS = 0.696
KG (INMAN)= 0.619 ALPHA TWO PHI = 1.139



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

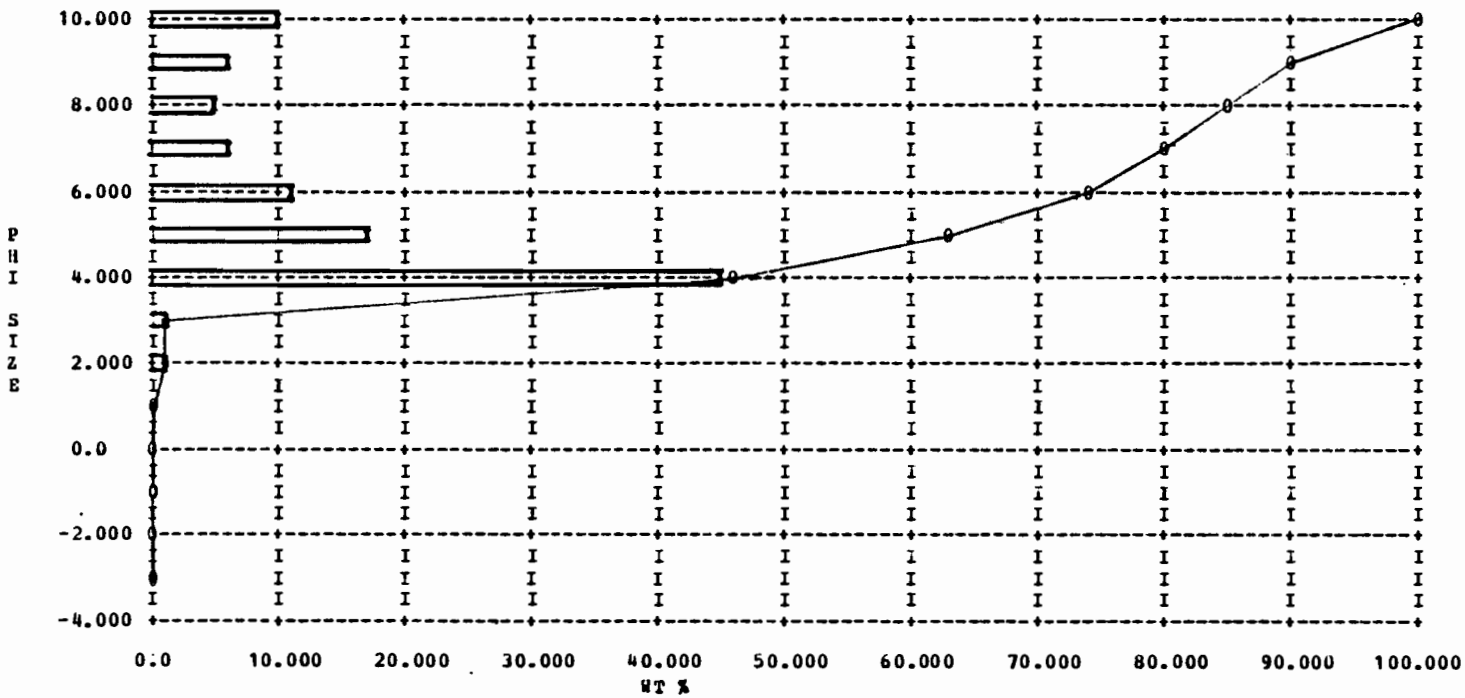
SAMPLE NO. SGB 22C6-7 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.093 VARIANCE = 0.43095E+01 STANDARD DEVIATION = 2.076
SKEWNESS = 0.502 KURTOSIS = -0.267 THIRD MOMENT = 0.89813E+01 FOURTH MOMENT = 0.50759E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.206 SORTING = 1.965 SKEWNESS = 0.687 KURTOSIS = 0.980

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
MESOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.712 SIGMA PHI = 2.147 SKEWNESS = 0.700
KG (INMAN)= 0.370 ALPHA TWO PHI = 0.924



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

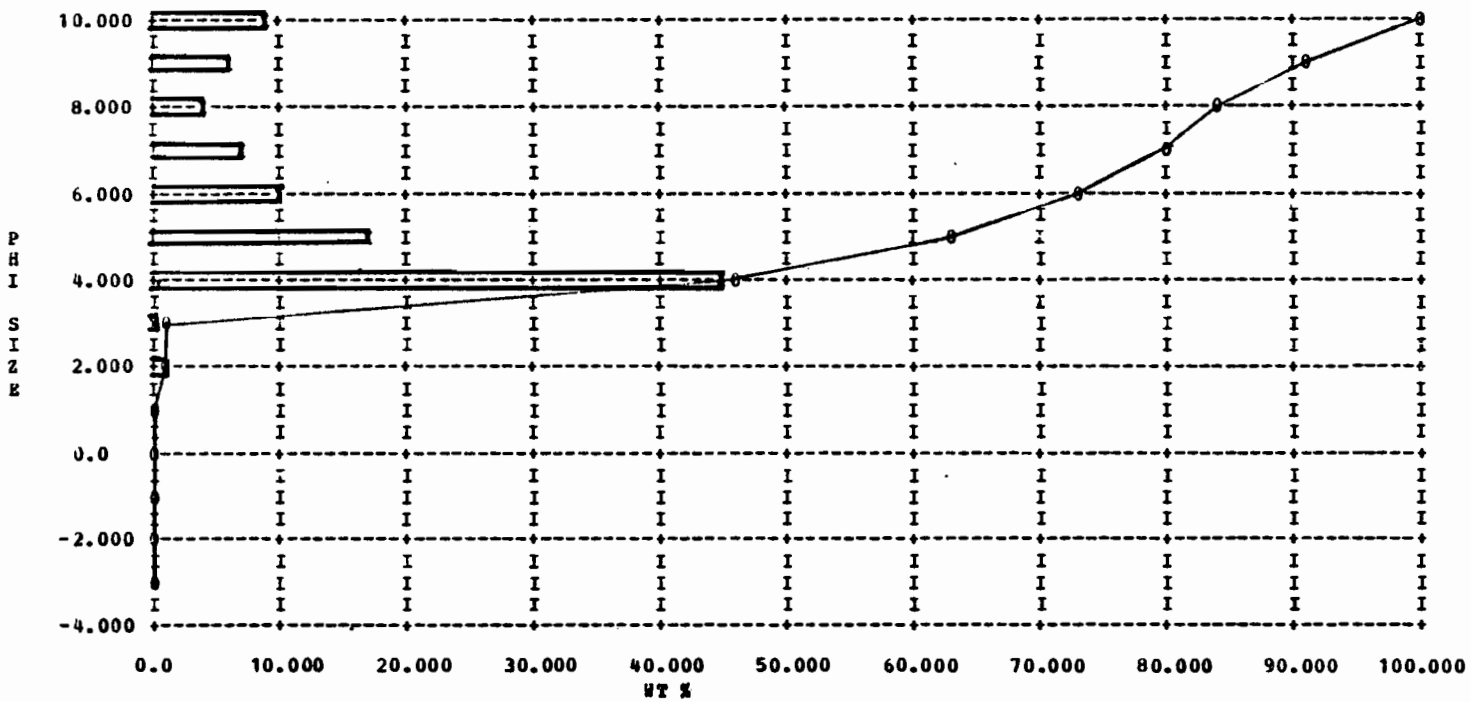
SAMPLE NO. SGB 22C7-8 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.110 VARIANCE = 0.42406E+01 STANDARD DEVIATION = 2.059
SKEWNESS = 0.495 KURTOSIS = -0.302 THIRD MOMENT = 0.86533E+01 FOURTH MOMENT = 0.48525E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.239 SORTING = 1.957 SKEWNESS = 0.685 KURTOSIS = 0.947

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
MESOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.743 SIGMA PHI = 2.149 SKEWNESS = 0.696
KG (INMAN)= 0.356 ALPHA TWO PHI = 0.913



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 22C8-9 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.097 VARIANCE = 0.46026E+01 STANDARD DEVIATION = 2.145
SKEWNESS = 0.519 KURTOSIS = -0.345 THIRD MOMENT = 0.10255E+02 FOURTH MOMENT = 0.56252E+02

CALCULATION OF FOLKS STATISTICS

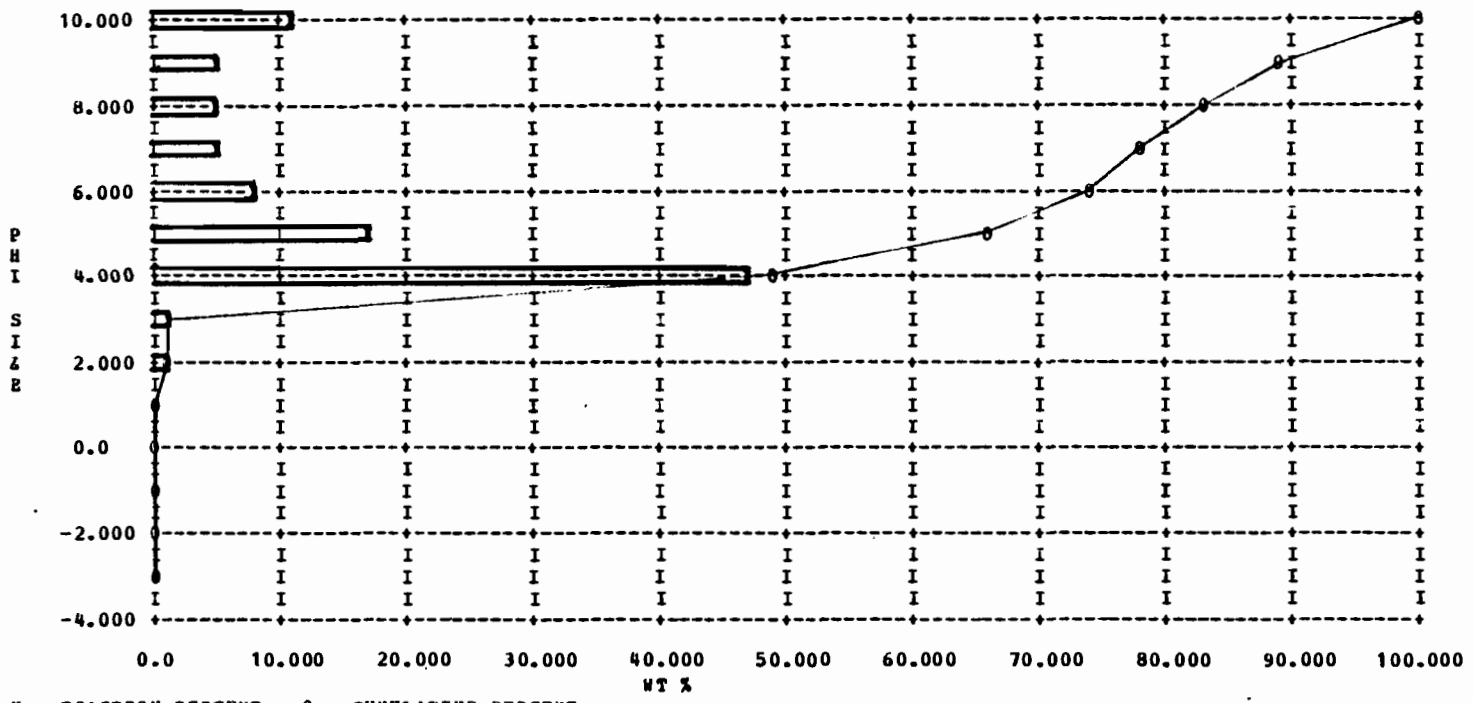
MZ = 5.246 SORTING = 2.032 SKEWNESS = 0.745 KURTOSIS = 0.951

FOLKS TEXTURAL DESCRIPTION

SANDY SILT
VERY POORLY SORTED
MESOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 5.834 SIGMA PHI = 2.275 SKEWNESS = 0.769
KG (INMAN)= 0.298 ALPHA TWO PHI = 0.936



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

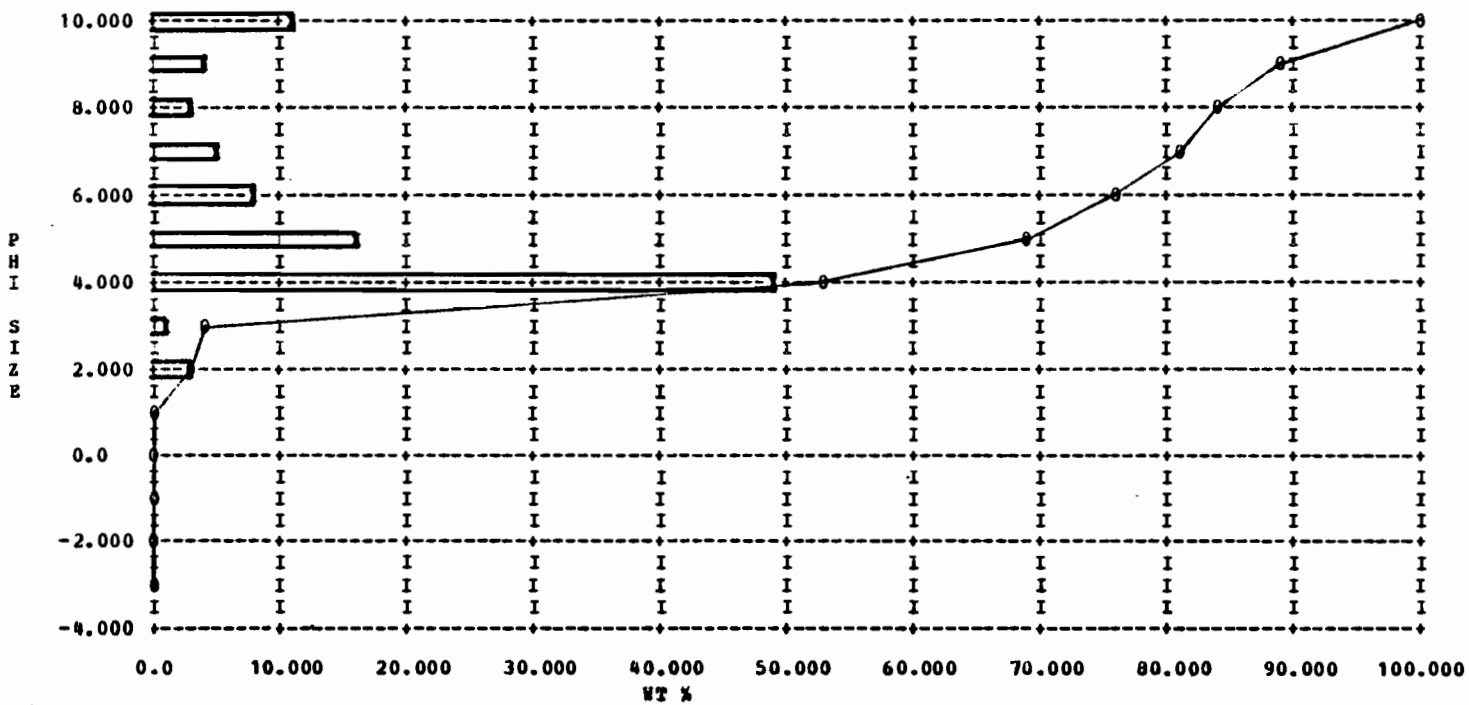
SAMPLE NO. SGB 22C9-10 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.908 VARIANCE = 0.46987E+01 STANDARD DEVIATION = 2.168
SKEWNESS = 0.532 KURTOSIS = -0.025 THIRD MOMENT = 0.10841E+02 FOURTH MOMENT = 0.65680E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.077 SORTING = 2.034 SKEWNESS = 0.732 KURTOSIS = 1.126

FOLKS TEXTURAL DESCRIPTION
SILTY SAND
VERY POORLY SORTED
LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.643 SIGMA PHI = 2.222 SKEWNESS = 0.757
KG (INMAN)= 0.371 ALPHA TWO PHI = 0.969



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

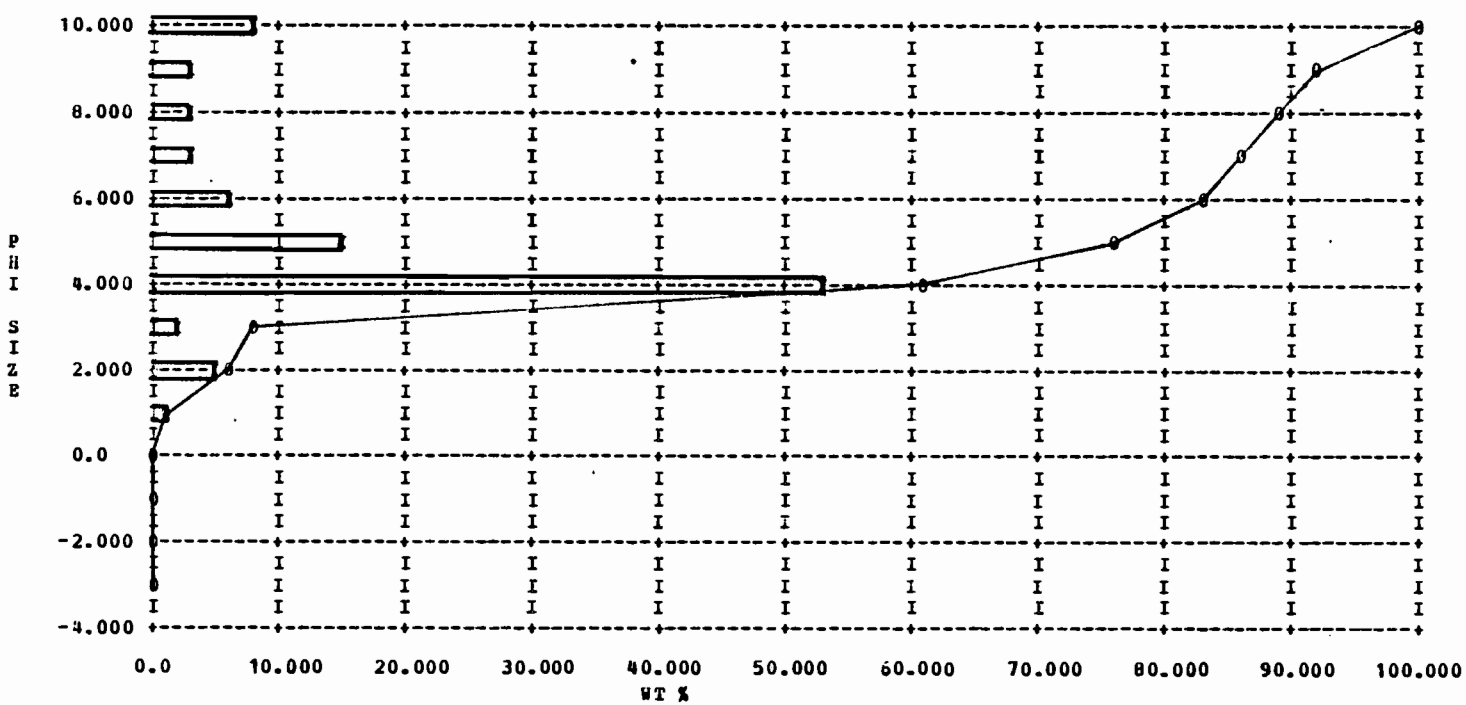
SAMPLE NO. SGB 22C10-11 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.489 VARIANCE = 0.41803E+01 STANDARD DEVIATION = 2.045
SKEWNESS = 0.628 KURTOSIS = 0.960 THIRD MOMENT = 0.10732E+02 FOURTH MOMENT = 0.69200E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.501 SORTING = 1.887 SKEWNESS = 0.547 KURTOSIS = 2.013

FOLKS TEXTURAL DESCRIPTION
SILTY SAND
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 4.840 SIGMA PHI = 1.596 SKEWNESS = 0.629
KG (INMAN)= 1.252 ALPHA TWO PHI = 1.047



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

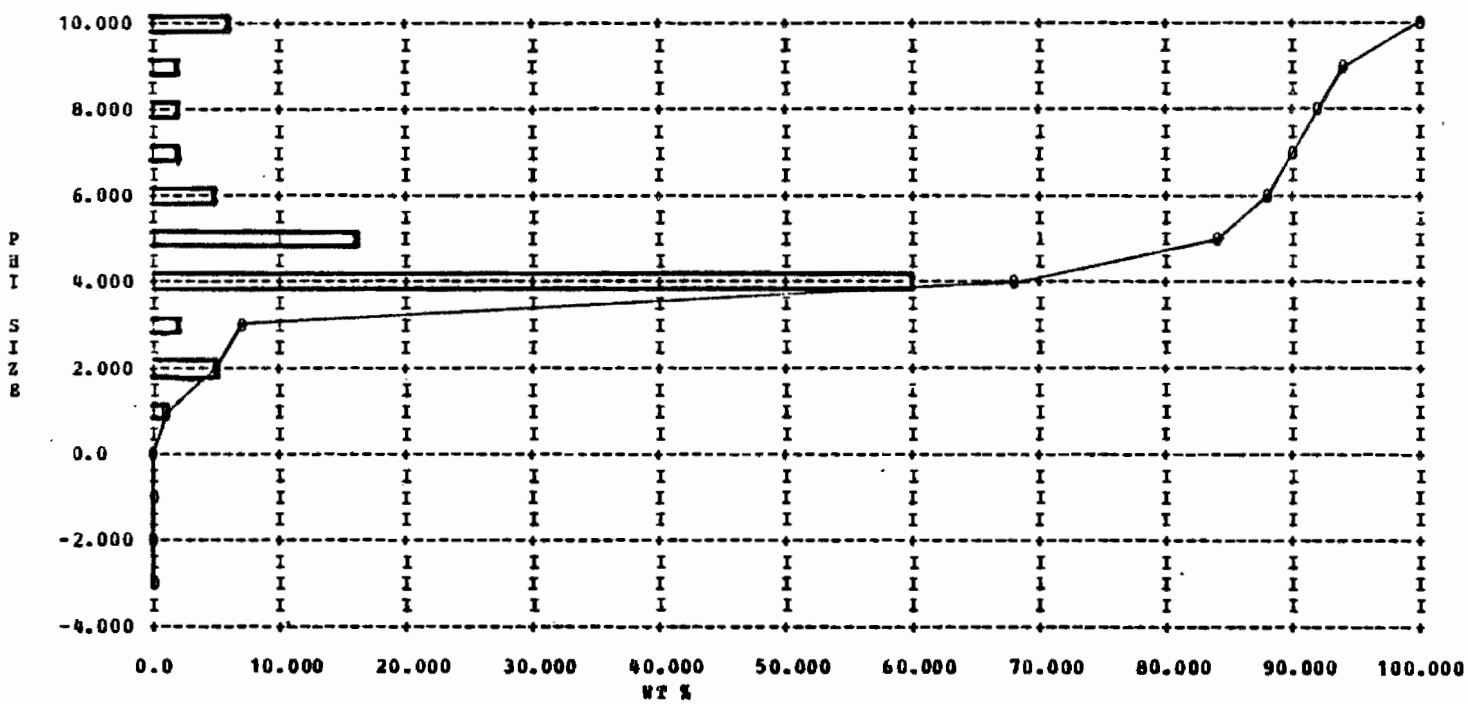
SAMPLE NO. SGB 22C11-12 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.210 VARIANCE = 0.31980E+01 STANDARD DEVIATION = 1.788
SKEWNESS = 0.853 KURTOSIS = 2.883 THIRD MOMENT = 0.97623E+01 FOURTH MOMENT = 0.60165E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.028 SORTING = 1.531 SKEWNESS = 0.468 KURTOSIS = 2.869

FOLKS TEXTURAL DESCRIPTION
SILTY SAND
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 4.167 SIGMA PHI = 0.923 SKEWNESS = 0.439
KG (INMAN) = 2.822 ALPHA TWO PHI = 1.896



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 22C12-13 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 4.155 VARIANCE = 0.30164E+01 STANDARD DEVIATION = 1.737
SKEWNESS = 0.857 KURTOSIS = 3.216 THIRD MOMENT = 0.89756E+01 FOURTH MOMENT = 0.56561E+02

CALCULATION OF FOLKS STATISTICS

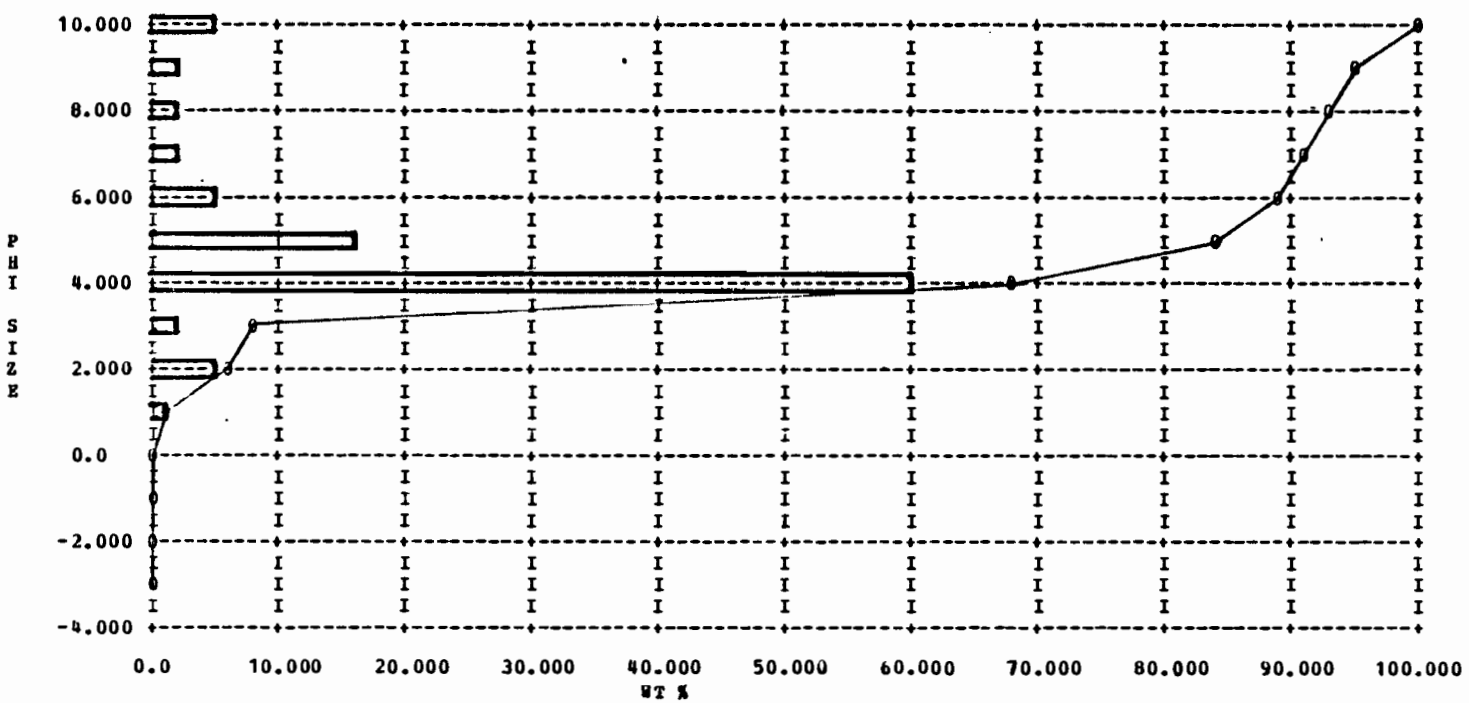
MZ = 3.983 SORTING = 1.511 SKEWNESS = 0.444 KURTOSIS = 2.939

FOLKS TEXTURAL DESCRIPTION

SILTY SAND
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 4.104 SIGMA PHI = 0.877 SKEWNESS = 0.401
KG (INMAN)= 3.036 ALPHA TWO PHI = 1.961



X = FRACTION PERCENT O = CUMULATIVE PERCENT

TABLE 7A (continued)

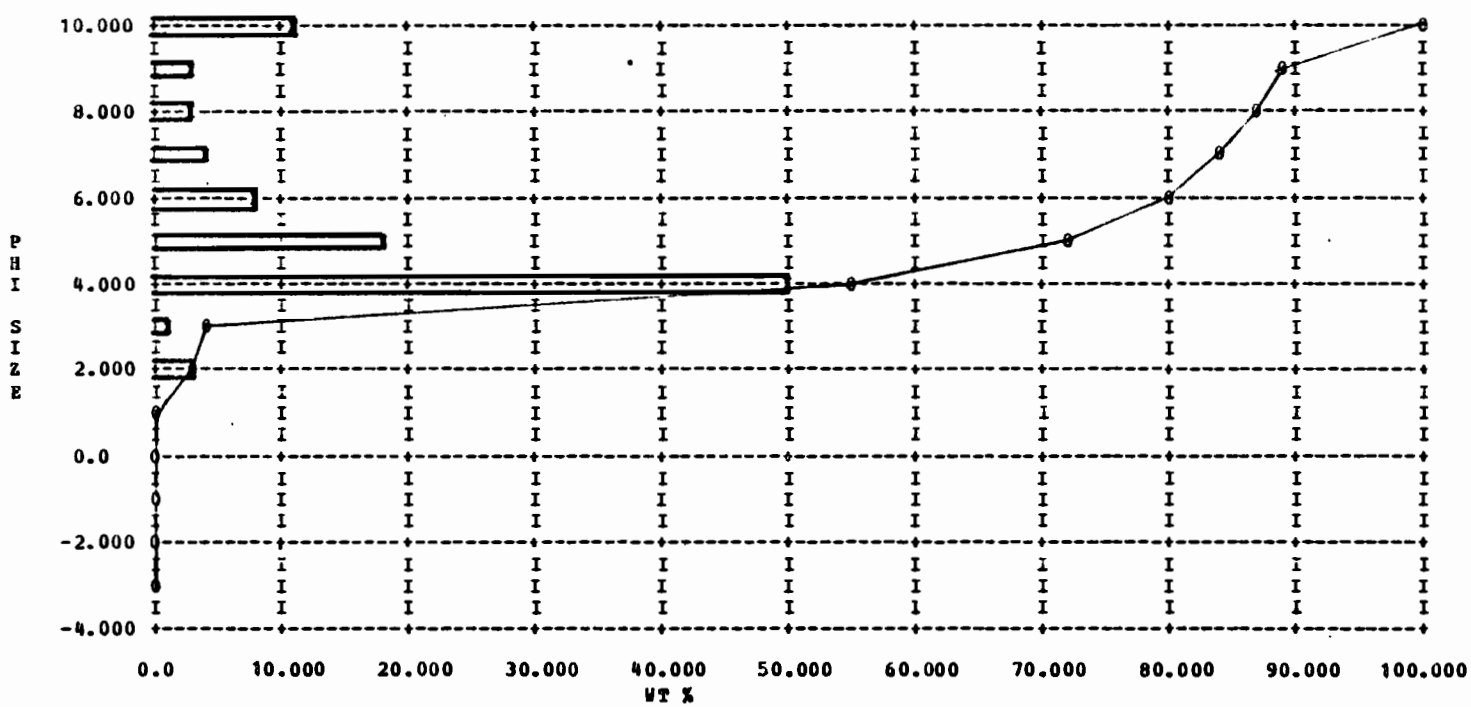
SAMPLE NO. SGB 22C13-14 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.759 VARIANCE = 0.43696E+01 STANDARD DEVIATION = 2.090
SKEWNESS = 0.622 KURTOSIS = 0.527 THIRD MOMENT = 0.11355E+02 FOURTH MOMENT = 0.67349E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.798 SORTING = 1.843 SKEWNESS = 0.707 KURTOSIS = 1.437

FOLKS TEXTURAL DESCRIPTION
SILTY SAND
POORLY SORTED
LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.236 SIGMA PHI = 1.836 SKEWNESS = 0.707
KG (INMAN) = 0.663 ALPHA TWO PHI = 1.178



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

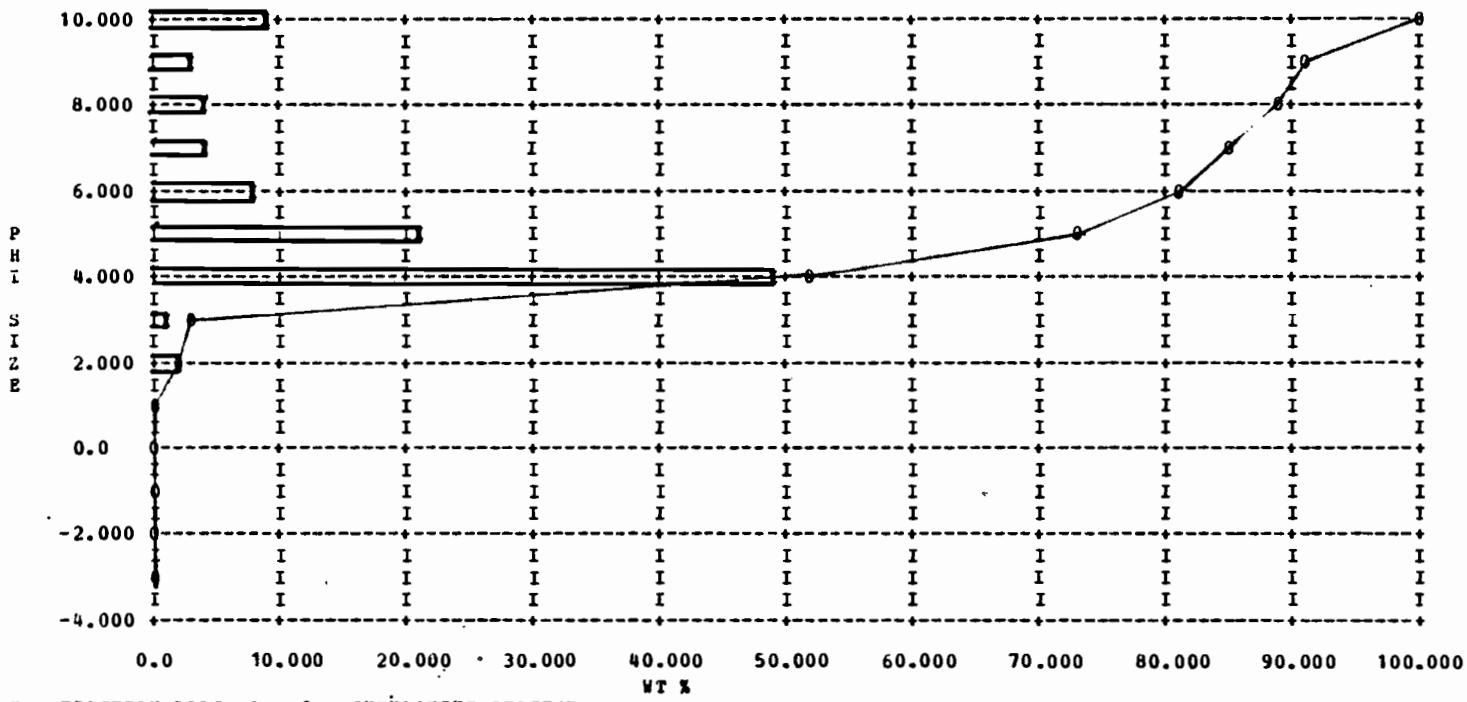
SAMPLE NO. SGB 22C14-15 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.747 VARIANCE = 0.38373E+01 STANDARD DEVIATION = 1.959
SKEWNESS = 0.671 KURTOSIS = 0.830 THIRD MOMENT = 0.10087E+02 FOURTH MOMENT = 0.56397E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.732 SORTING = 1.732 SKEWNESS = 0.703 KURTOSIS = 1.540

FOLKS TEXTURAL DESCRIPTION
SILTY SAND
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.116 SIGMA PHI = 1.651 SKEWNESS = 0.689
KG (INMAN)= 0.813 ALPHA TWO PHI = 1.299



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

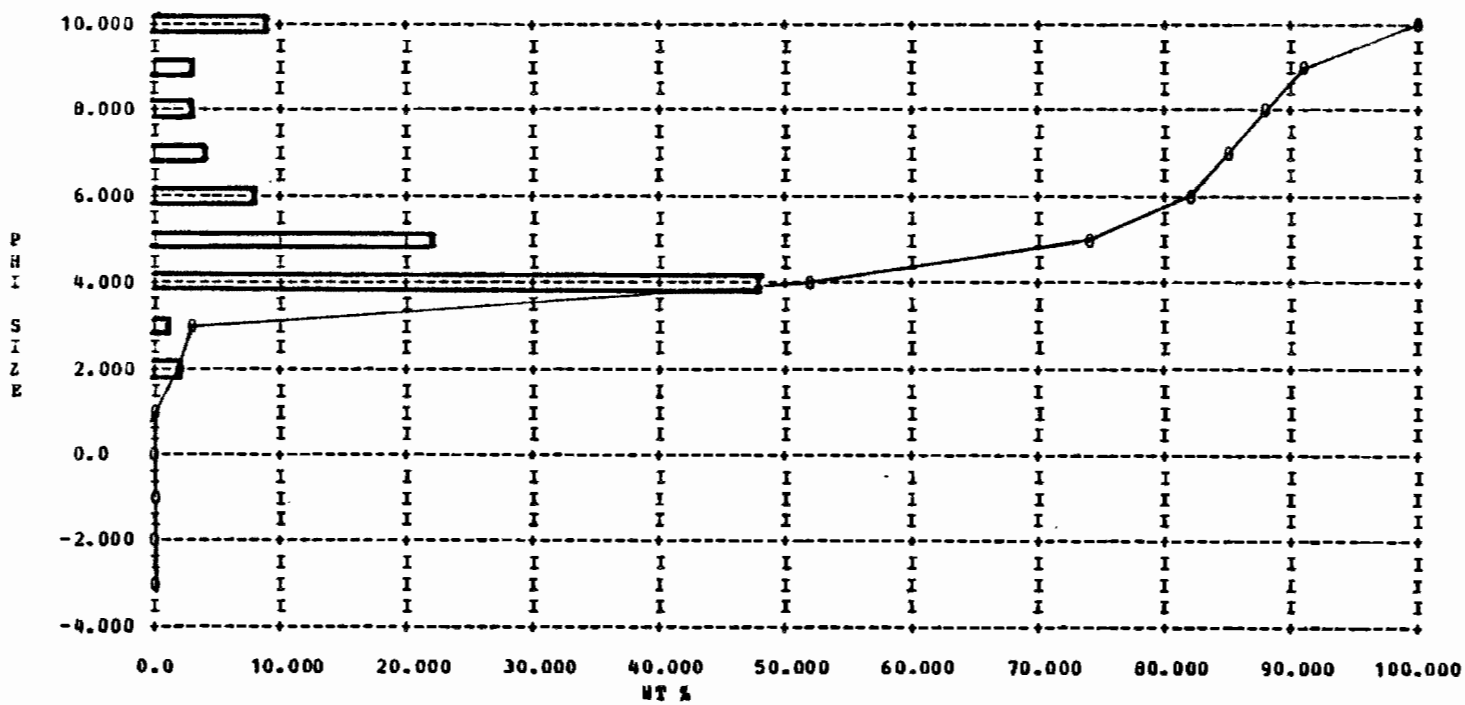
SAMPLE NO. SGB 22C15-16 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.732 VARIANCE = 0.38639E+01 STANDARD DEVIATION = 1.966
SKEWNESS = 0.678 KURTOSIS = 0.897 THIRD MOMENT = 0.10294E+02 FOURTH MOMENT = 0.58187E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.673 SORTING = 1.700 SKEWNESS = 0.687 KURTOSIS = 1.590

FOLKS TEXTURAL DESCRIPTION
SILTY SAND
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.027 SIGMA PHI = 1.577 SKEWNESS = 0.665
KG (INMAN)= 0.907 ALPHA TWO PHI = 1.353



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

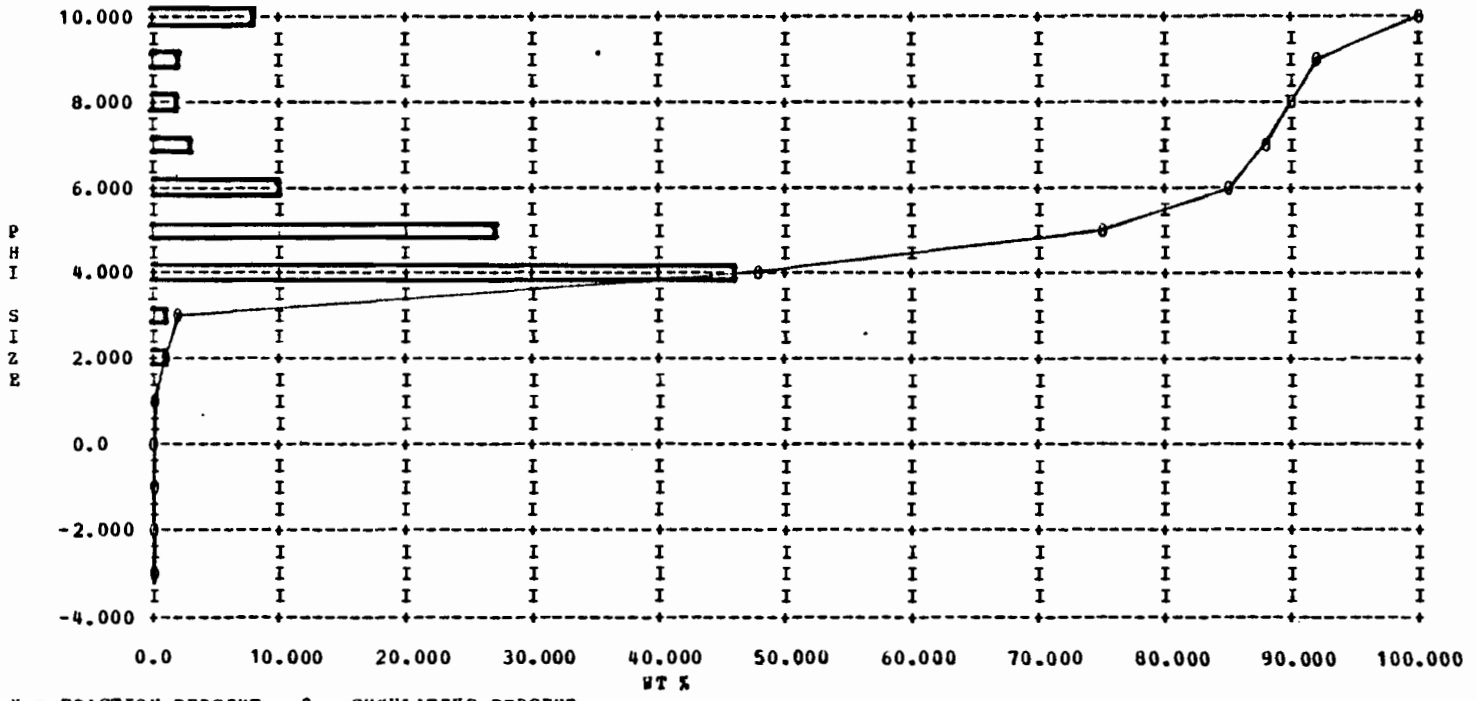
SAMPLE NO. SGB 22C16-18 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.695 VARIANCE = 0.32946E+01 STANDARD DEVIATION = 1.815
SKEWNESS = 0.787 KURTOSIS = 1.702 THIRD MOMENT = 0.94072E+01 FOURTH MOMENT = 0.51033E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.497 SORTING = 1.478 SKEWNESS = 0.624 KURTOSIS = 1.833

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 4.713 SIGMA PHI = 1.175 SKEWNESS = 0.541
KG (INMAN)= 1.502 ALPHA TWO PHI = 1.770



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

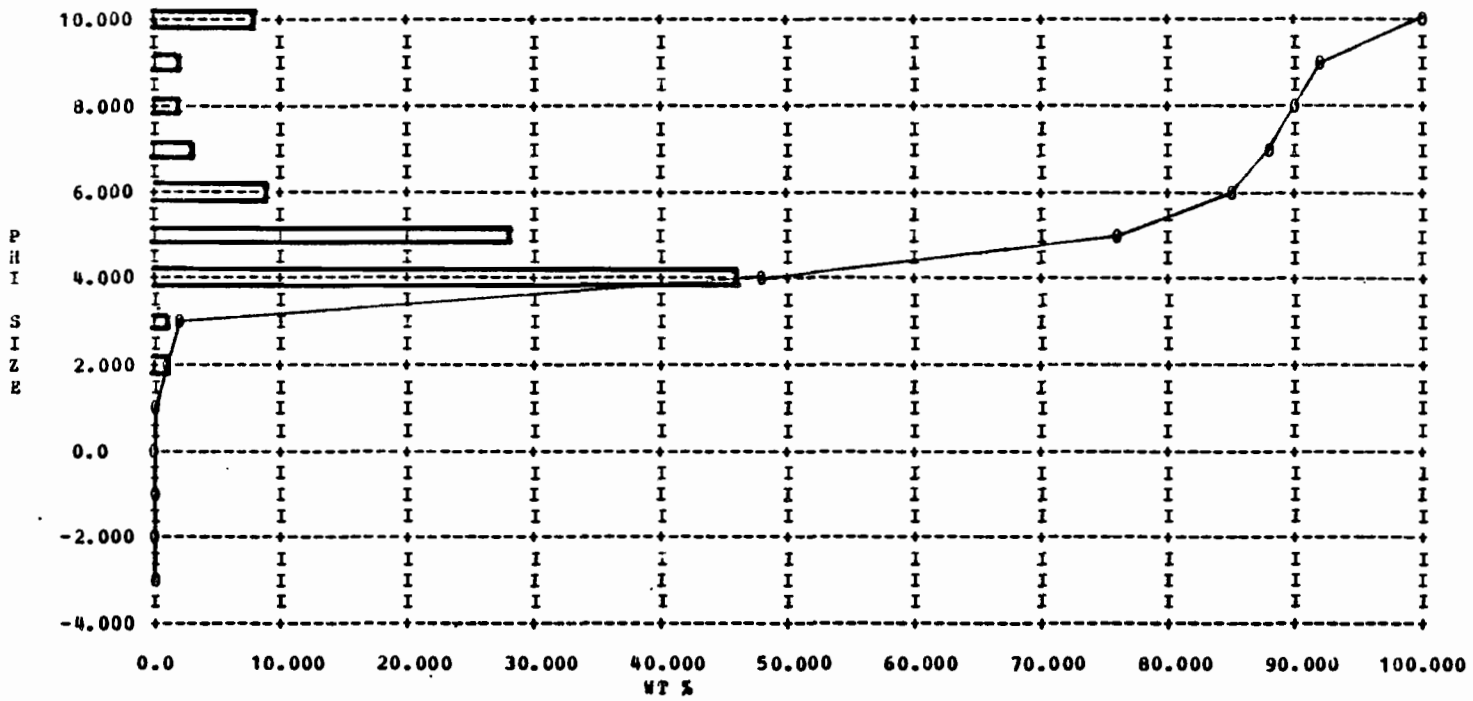
SAMPLE NO. SGB 22C18-20 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.679 VARIANCE = 0.32424E+01 STANDARD DEVIATION = 1.801
SKEWNESS = 0.794 KURTOSIS = 1.803 THIRD MOMENT = 0.92714E+01 FOURTH MOMENT = 0.50493E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.496 SORTING = 1.480 SKEWNESS = 0.621 KURTOSIS = 1.879

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 4.712 SIGMA PHI = 1.178 SKEWNESS = 0.538
KG (INMAN)= 1.498 ALPHA TWO PHI = 1.761



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 22C20-22 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 4.698 VARIANCE = 0.32361E+01 STANDARD DEVIATION = 1.799
SKEWNESS = 0.772 KURTOSIS = 1.779 THIRD MOMENT = 0.89902E+01 FOURTH MOMENT = 0.50053E+02

CALCULATION OF FOLKS STATISTICS

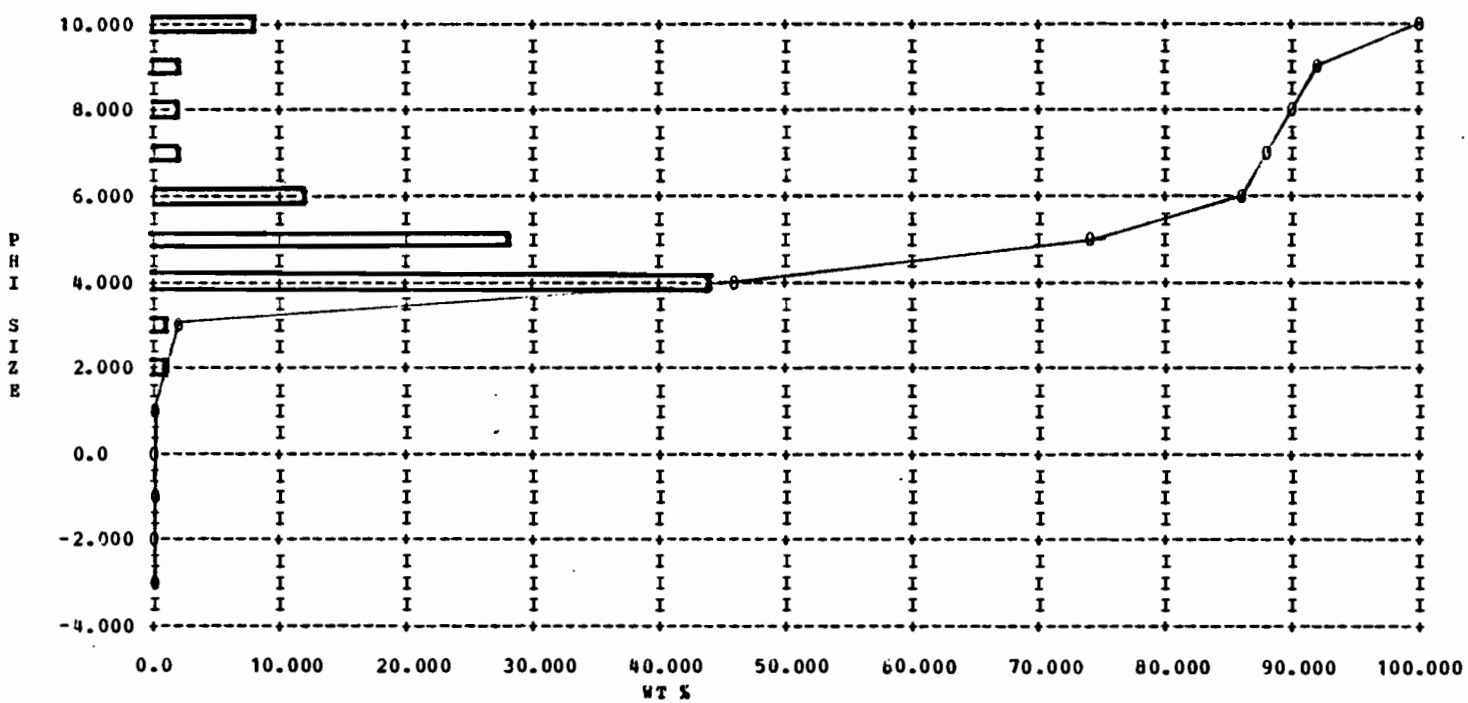
MZ = 4.483 SORTING = 1.455 SKEWNESS = 0.585 KURTOSIS = 1.761

FOLKS TEXTURAL DESCRIPTION

SANDY SILT
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 4.669 SIGMA PHI = 1.129 SKEWNESS = 0.482
KG (INMAN)= 1.604 ALPHA TWO PHI = 1.792



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

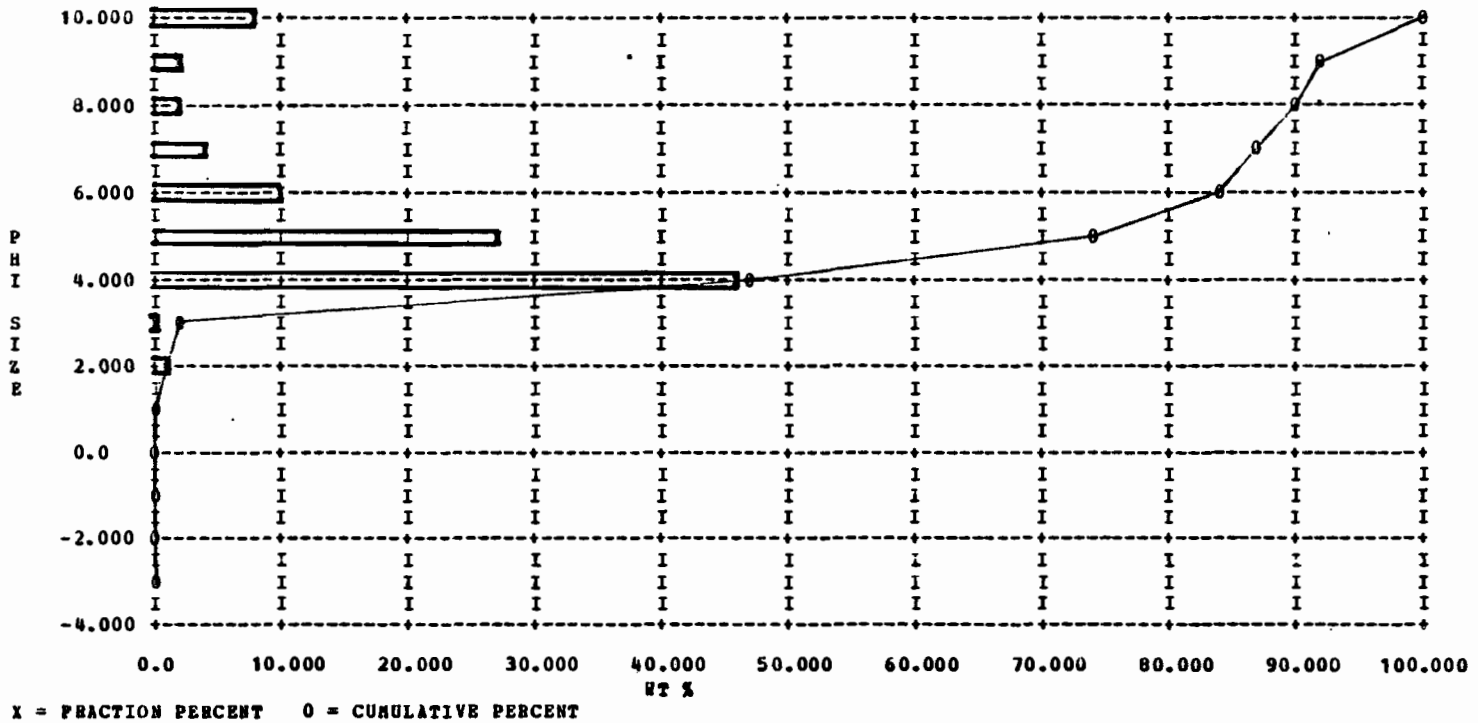
SAMPLE NO. SGB 22C22-24 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.730 VARIANCE = 0.33912E+01 STANDARD DEVIATION = 1.842
SKEWNESS = 0.767 KURTOSIS = 1.515 THIRD MOMENT = 0.95798E+01 FOURTH MOMENT = 0.51926E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.552 SORTING = 1.508 SKEWNESS = 0.639 KURTOSIS = 1.758

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 4.790 SIGMA PHI = 1.238 SKEWNESS = 0.566
KG (INMAN) = 1.370 ALPHA TWO PHI = 1.684



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

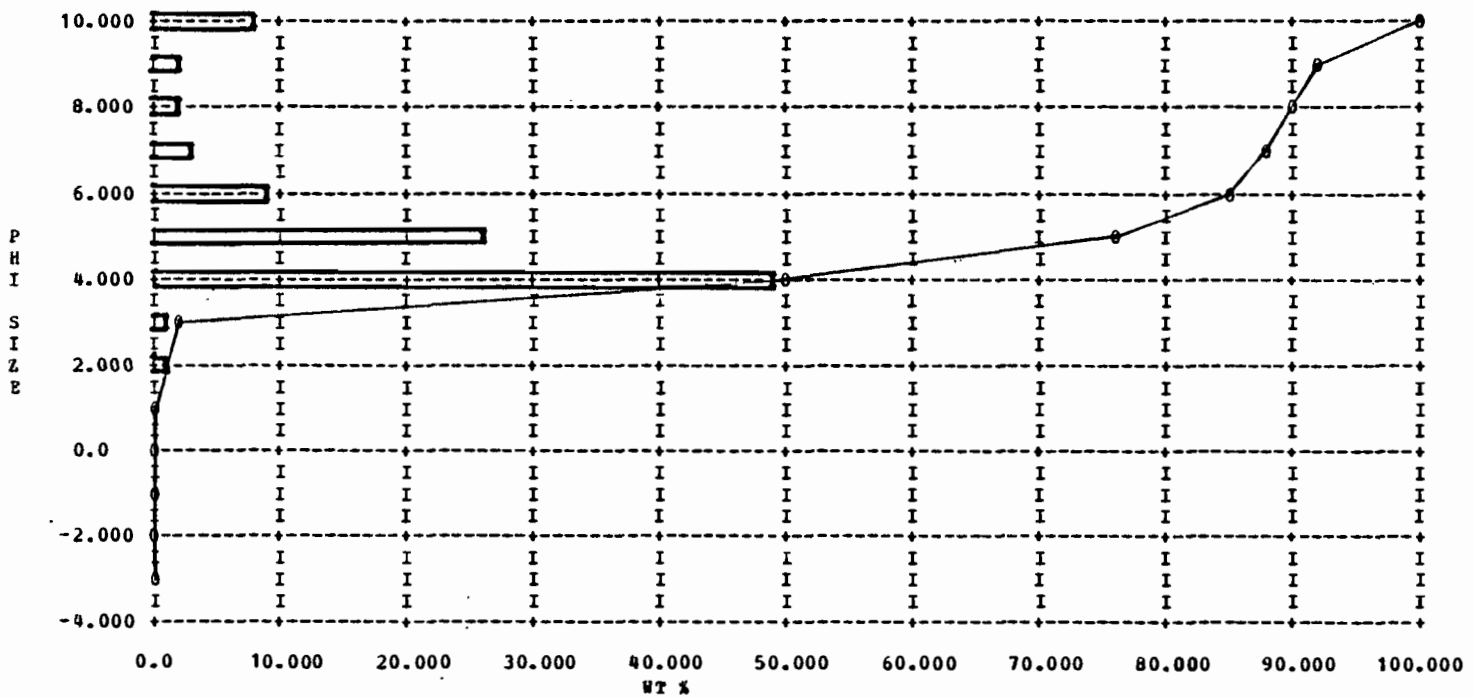
SAMPLE NO. SGB 22C24-26 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.651 VARIANCE = 0.32974E+01 STANDARD DEVIATION = 1.816
SKEWNESS = 0.781 KURTOSIS = 1.874 THIRD MOMENT = 0.93528E+01 FOURTH MOMENT = 0.52994E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.474 SORTING = 1.483 SKEWNESS = 0.672 KURTOSIS = 1.891

FOLKS TEXTURAL DESCRIPTION
SILTY SAND
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 4.719 SIGMA PHI = 1.188 SKEWNESS = 0.607
KG (INMAN)= 1.469 ALPHA TWO PHI = 1.820



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

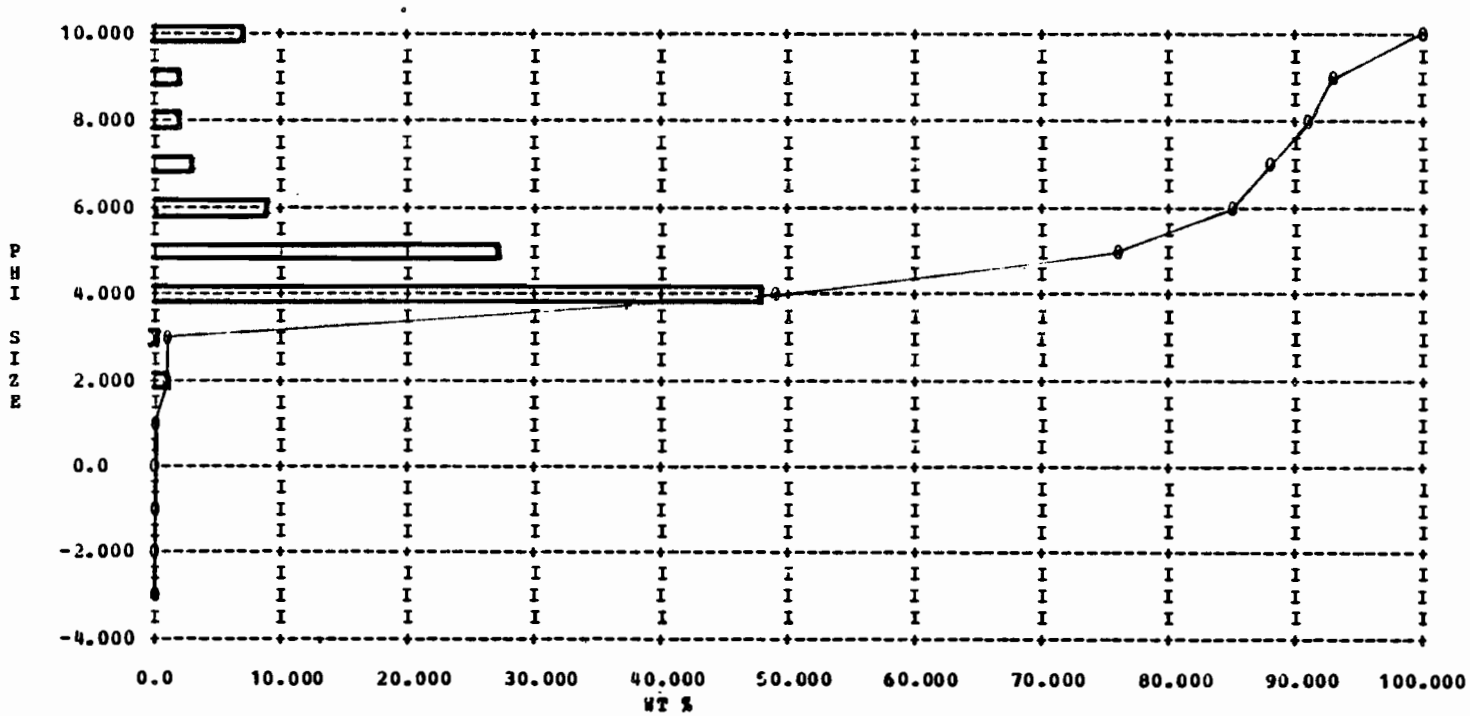
SAMPLE NO. SGB 22C26-28 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.671 VARIANCE = 0.31028E+01 STANDARD DEVIATION = 1.761
SKEWNESS = 0.843 KURTOSIS = 1.961 THIRD MOMENT = 0.92111E+01 FOURTH MOMENT = 0.47762E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.489 SORTING = 1.444 SKEWNESS = 0.675 KURTOSIS = 1.898

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 4.722 SIGMA PHI = 1.137 SKEWNESS = 0.603
KG (INMAN)= 1.539 ALPHA TWO PHI = 1.897



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

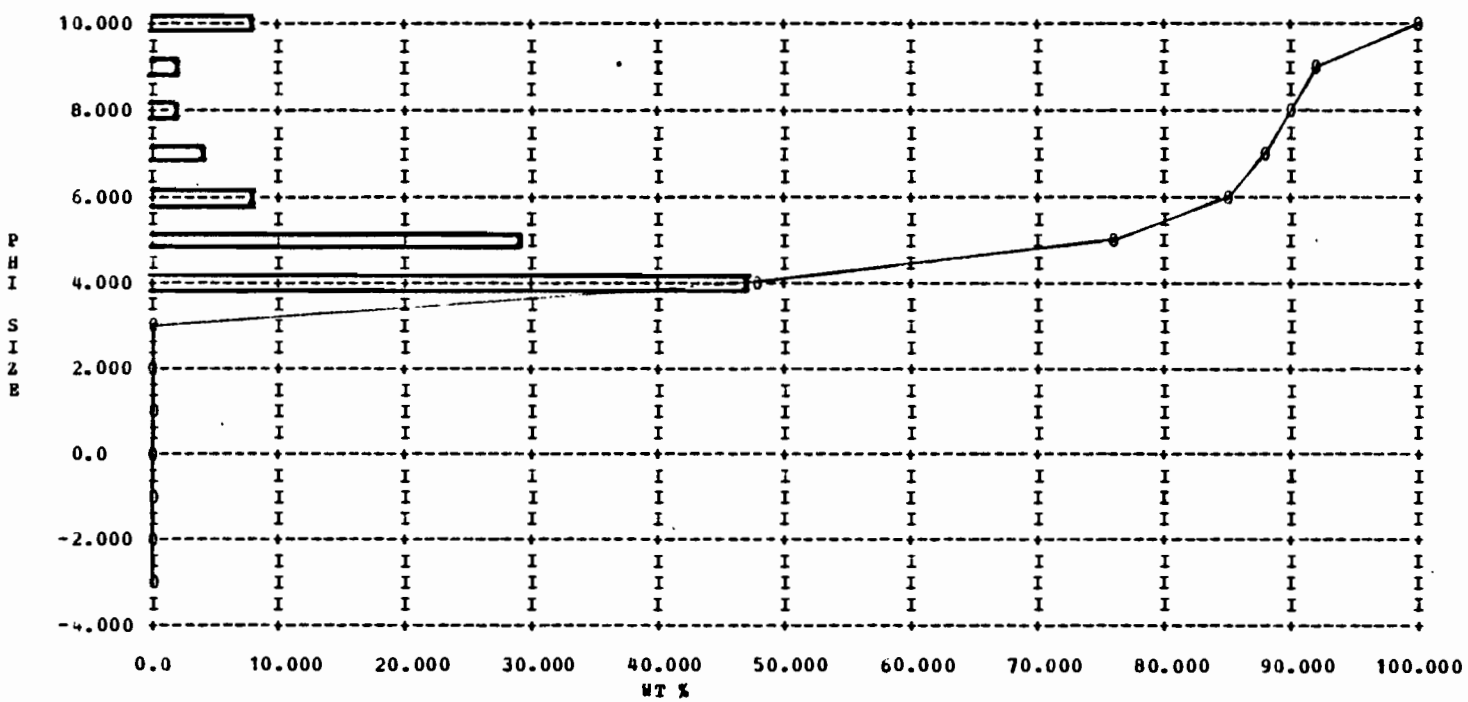
SAMPLE NO. SGB 22C28-30 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.702 VARIANCE = 0.31293E+01 STANDARD DEVIATION = 1.769
SKEWNESS = 0.855 KURTOSIS = 1.948 THIRD MOMENT = 0.94688E+01 FOURTH MOMENT = 0.48451E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.542 SORTING = 1.428 SKEWNESS = 0.691 KURTOSIS = 1.977

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 4.780 SIGMA PHI = 1.131 SKEWNESS = 0.619
KG (INMAN)= 1.515 ALPHA TWO PHI = 1.918



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

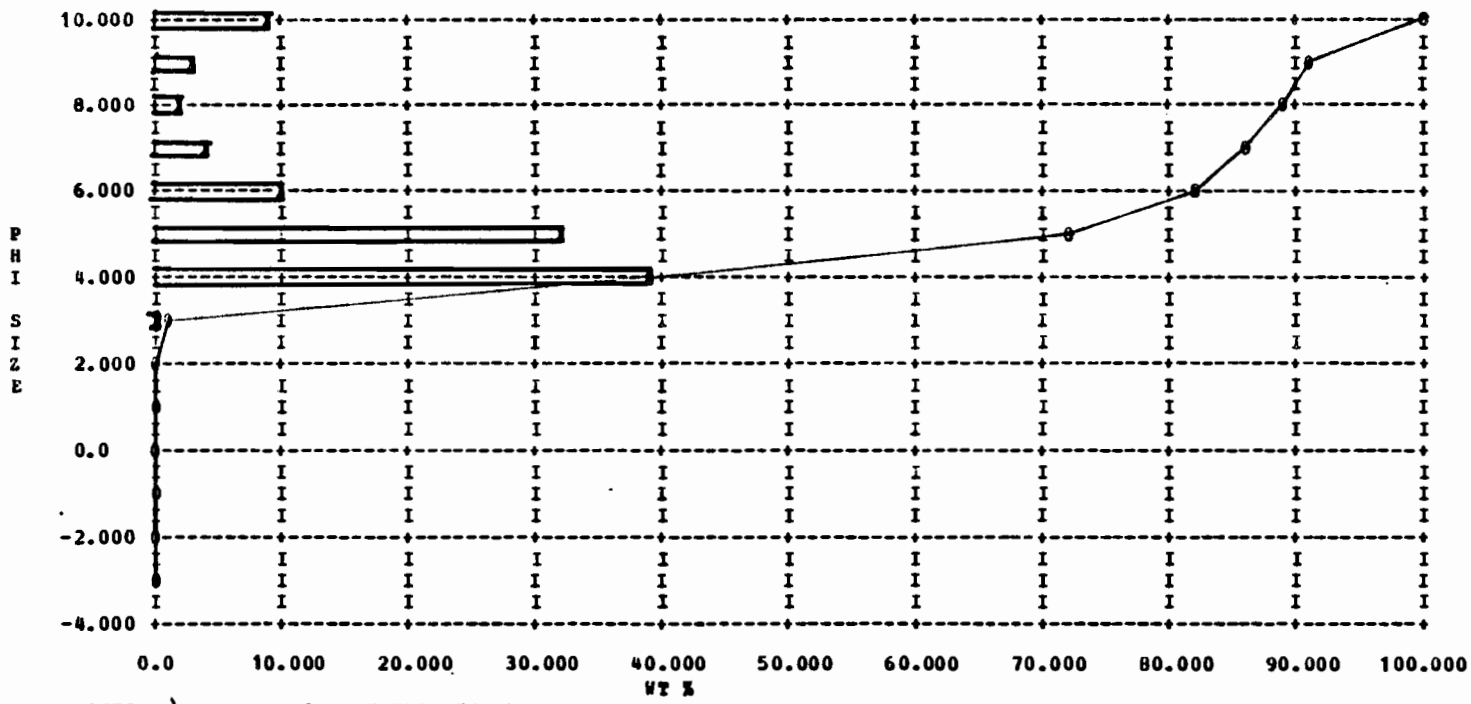
SAMPLE NO. SGB 22C35-40 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.889 VARIANCE = 0.33589E+01 STANDARD DEVIATION = 1.833
SKEWNESS = 0.737 KURTOSIS = 1.193 THIRD MOMENT = 0.90683E+01 FOURTH MOMENT = 0.47307E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.794 SORTING = 1.550 SKEWNESS = 0.604 KURTOSIS = 1.614

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.041 SIGMA PHI = 1.365 SKEWNESS = 0.532
KG (INMAN)= 1.097 ALPHA TWO PHI = 1.418



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

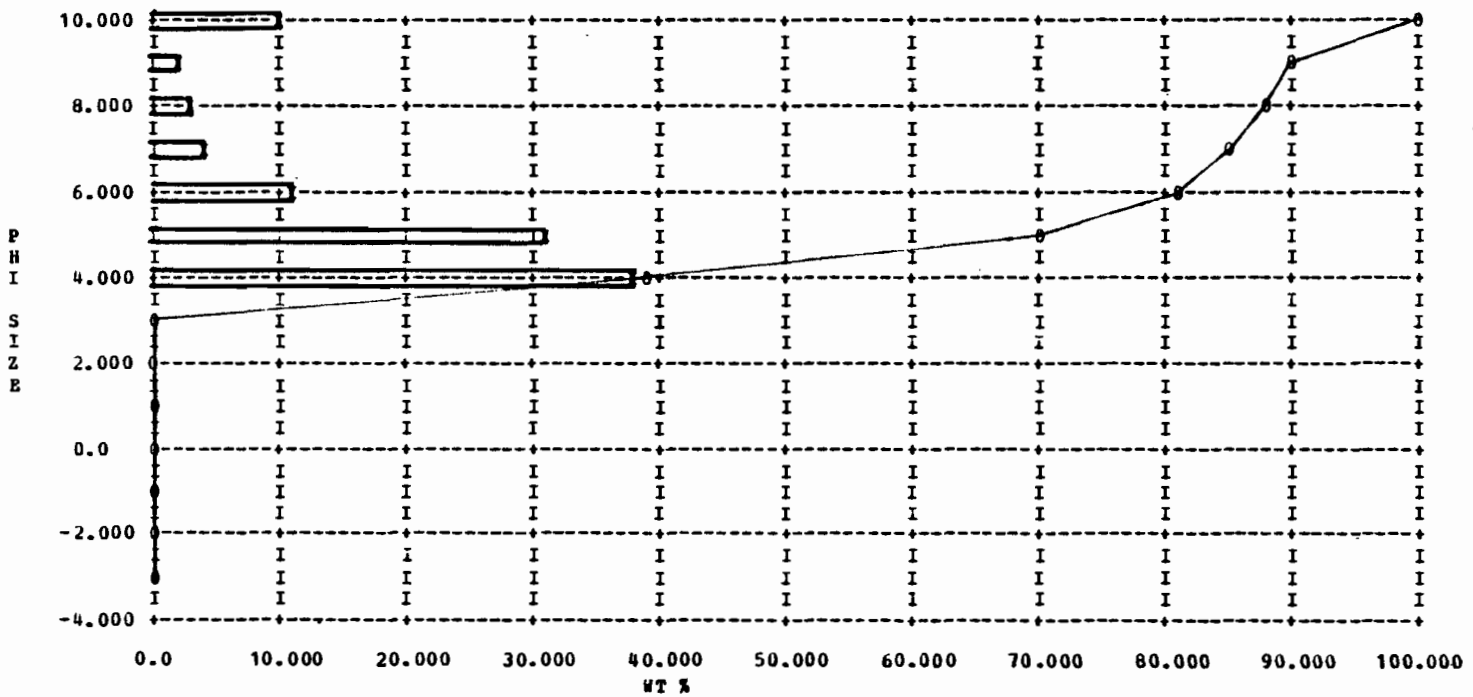
SAMPLE NO. SGB 22C40-45 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.980 VARIANCE = 0.36404E+01 STANDARD DEVIATION = 1.908
SKEWNESS = 0.694 KURTOSIS = 0.787 THIRD MOMENT = 0.96422E+01 FOURTH MOMENT = 0.50191E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.957 SORTING = 1.655 SKEWNESS = 0.626 KURTOSIS = 1.461

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.267 SIGMA PHI = 1.573 SKEWNESS = 0.580
KG (INMAN)= 0.823 ALPHA TWO PHI = 1.224



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

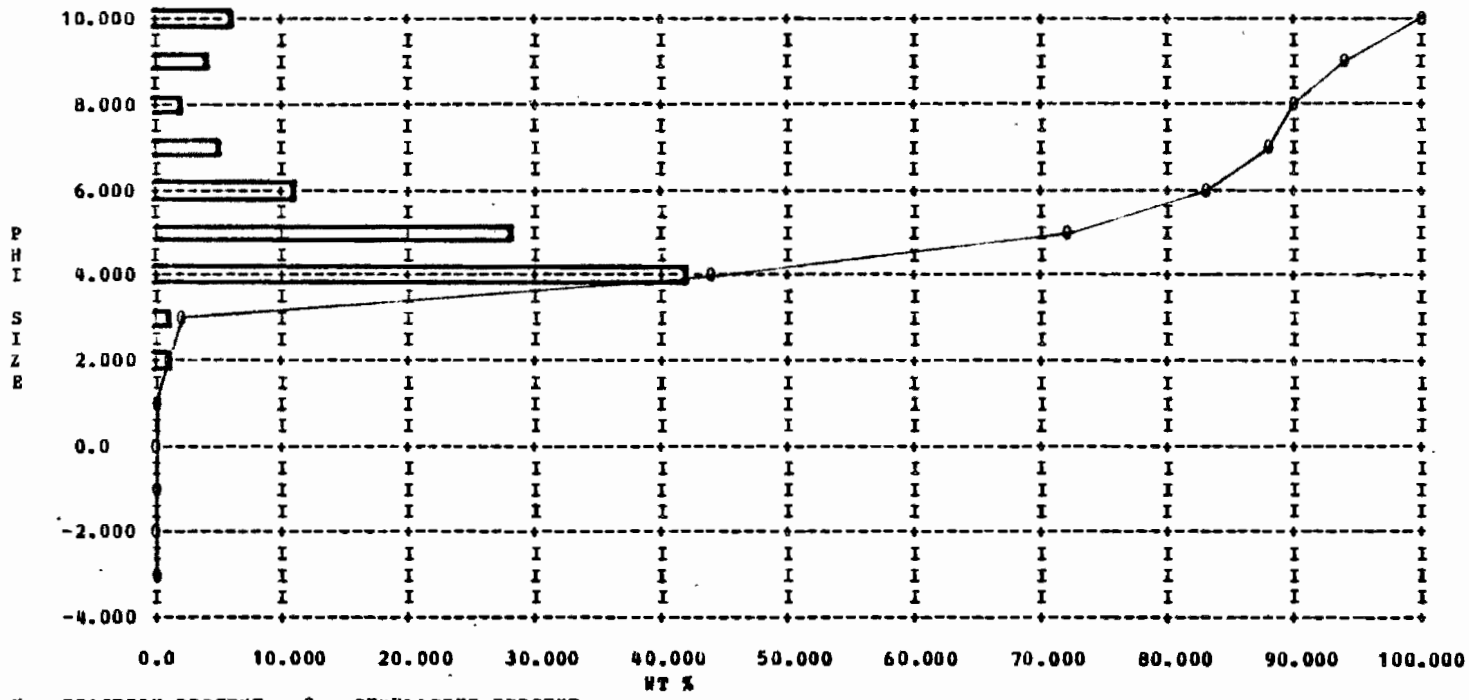
SAMPLE NO. SGB 22C45-50 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.752 VARIANCE = 0.30818E+01 STANDARD DEVIATION = 1.756
SKEWNESS = 0.716 KURTOSIS = 1.427 THIRD MOMENT = 0.77442E+01 FOURTH MOMENT = 0.42044E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.646 SORTING = 1.531 SKEWNESS = 0.586 KURTOSIS = 1.589

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 4.871 SIGMA PHI = 1.303 SKEWNESS = 0.508
KG (INMAN)= 1.228 ALPHA TWO PHI = 1.480



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

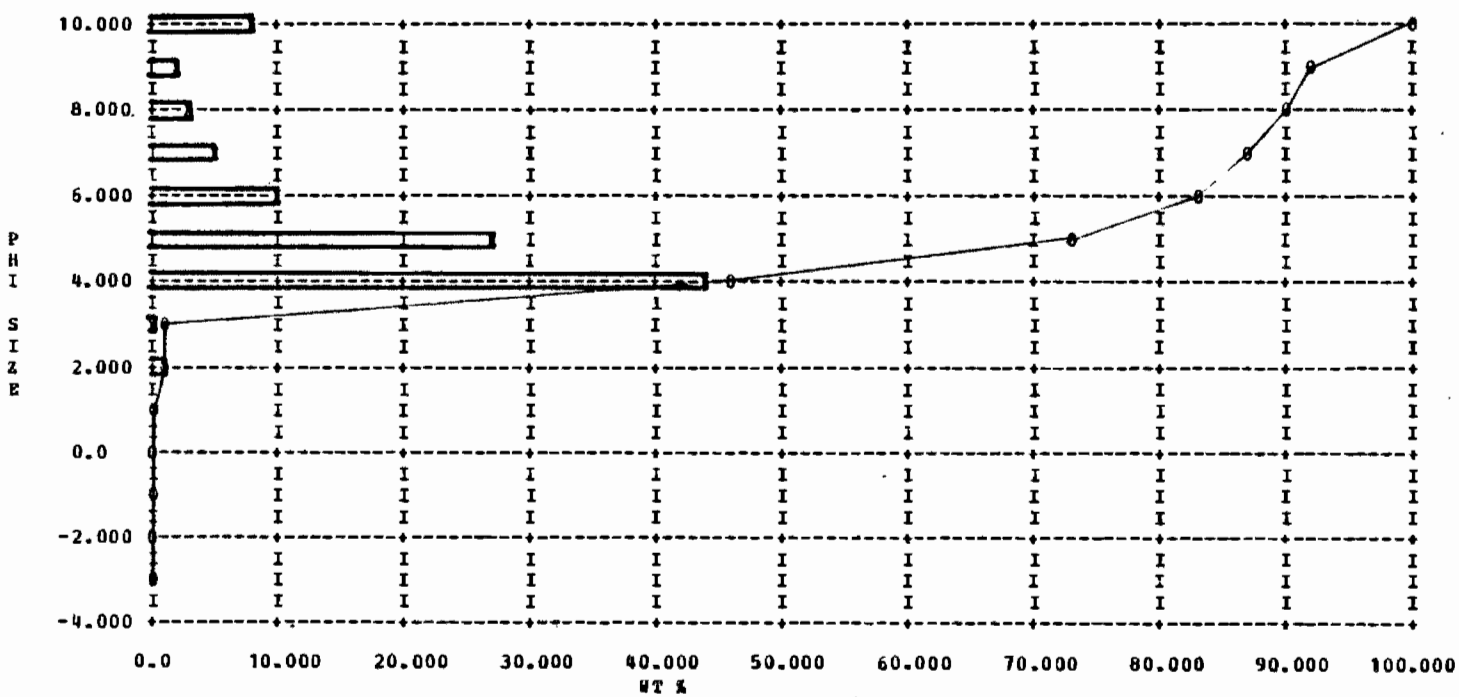
SAMPLE NO. SGB 22C50-55 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.765 VARIANCE = 0.32942E+01 STANDARD DEVIATION = 1.815
SKEWNESS = 0.739 KURTOSIS = 1.368 THIRD MOMENT = 0.88342E+01 FOURTH MOMENT = 0.47397E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.659 SORTING = 1.557 SKEWNESS = 0.636 KURTOSIS = 1.619

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 4.922 SIGMA PHI = 1.349 SKEWNESS = 0.575
KG (INMAN)= 1.160 ALPHA TWO PHI = 1.505



X = FRACTION PERCENT O = CUMULATIVE PERCENT

TABLE 7A (continued)

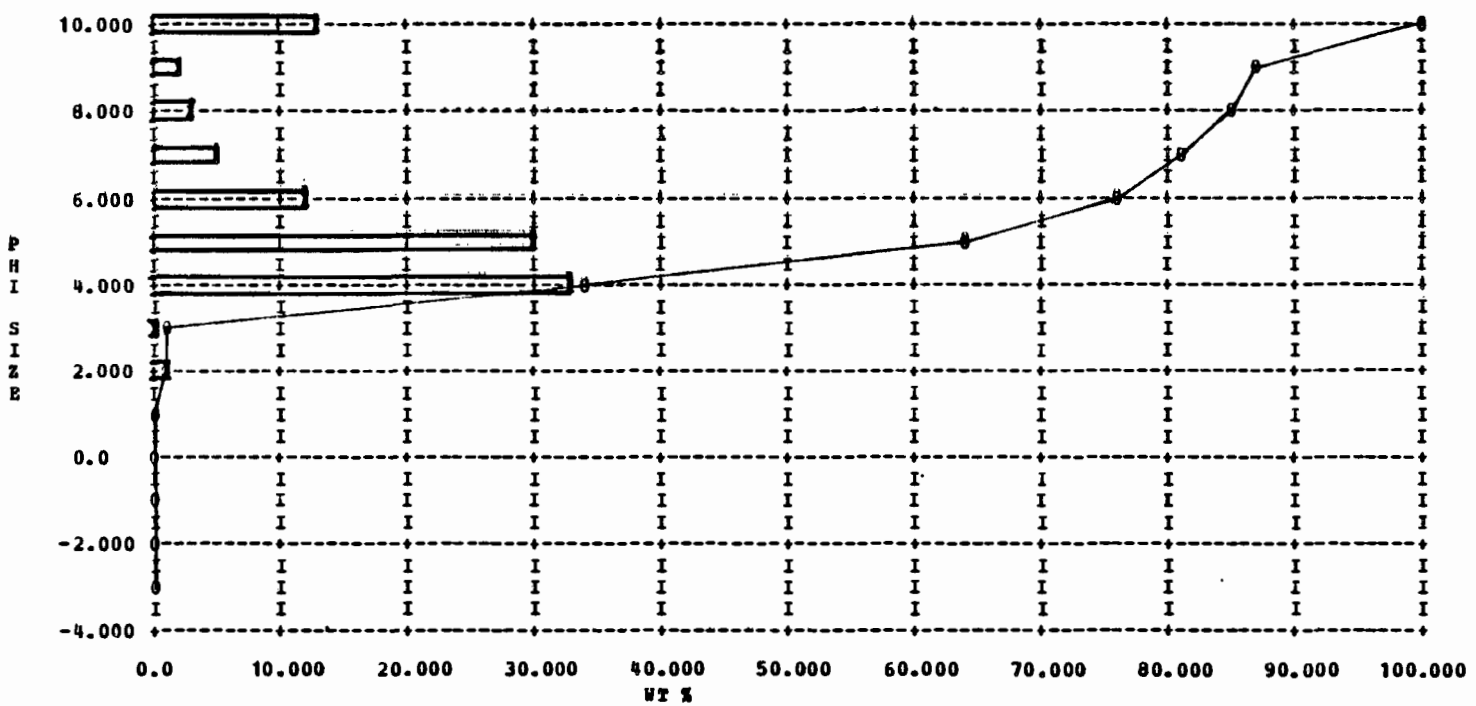
SAMPLE NO. SGB 22C55-60 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.221 VARIANCE = 0.41243E+01 STANDARD DEVIATION = 2.031
SKEWNESS = 0.554 KURTOSIS = 0.029 THIRD MOMENT = 0.92740E+01 FOURTH MOMENT = 0.51514E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.329 SORTING = 1.892 SKEWNESS = 0.588 KURTOSIS = 1.164

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.726 SIGMA PHI = 2.021 SKEWNESS = 0.582
KG (INMAN)= 0.440 ALPHA TWO PHI = 0.856



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

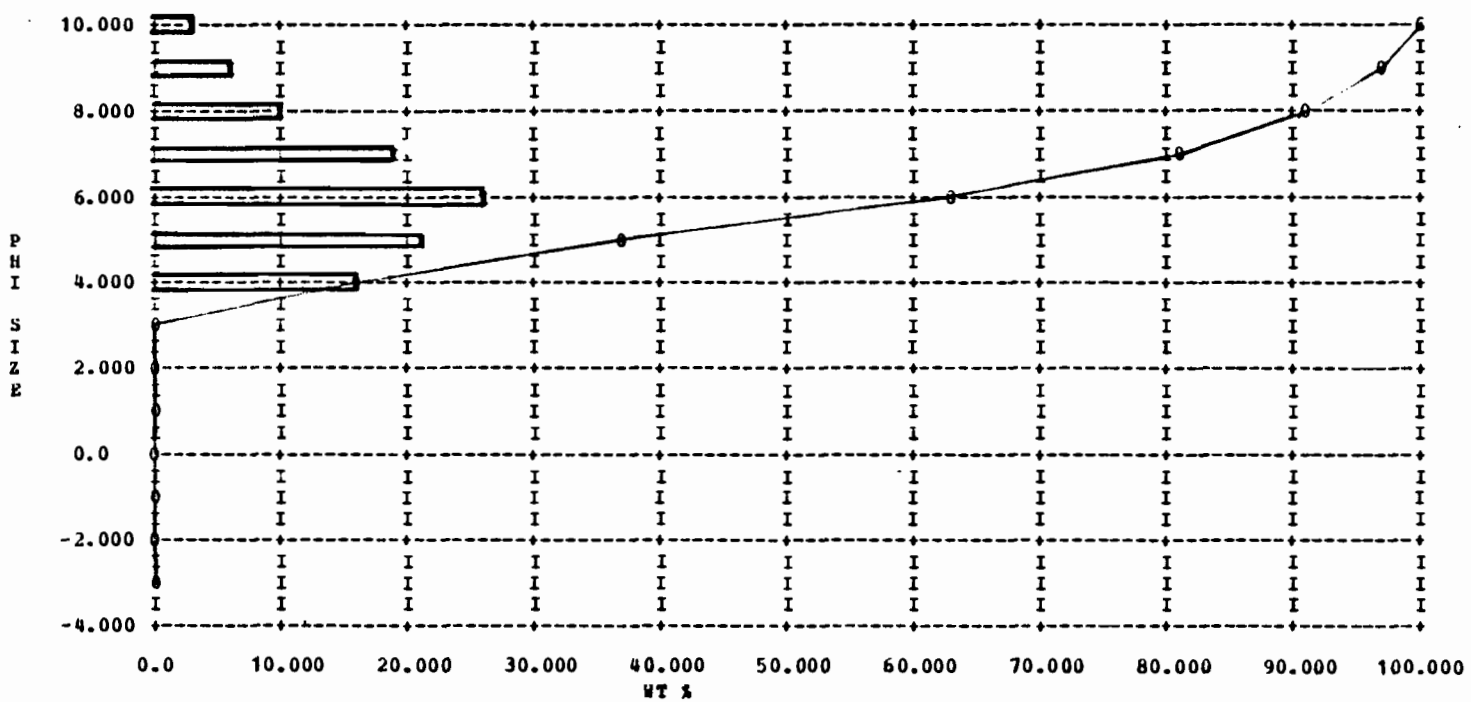
SAMPLE NO. SGB 37C1-2 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.639 VARIANCE = 0.23714E+01 STANDARD DEVIATION = 1.540
SKEWNESS = 0.248 KURTOSIS = -0.358 THIRD MOMENT = 0.18093E+01 FOURTH MOMENT = 0.14857E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.567 SORTING = 1.514 SKEWNESS = 0.170 KURTOSIS = 0.908

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
MESOKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.609 SIGMA PHI = 1.603 SKEWNESS = 0.068
KG (INMAN)= 0.468 ALPHA TWO PHI = 0.398



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

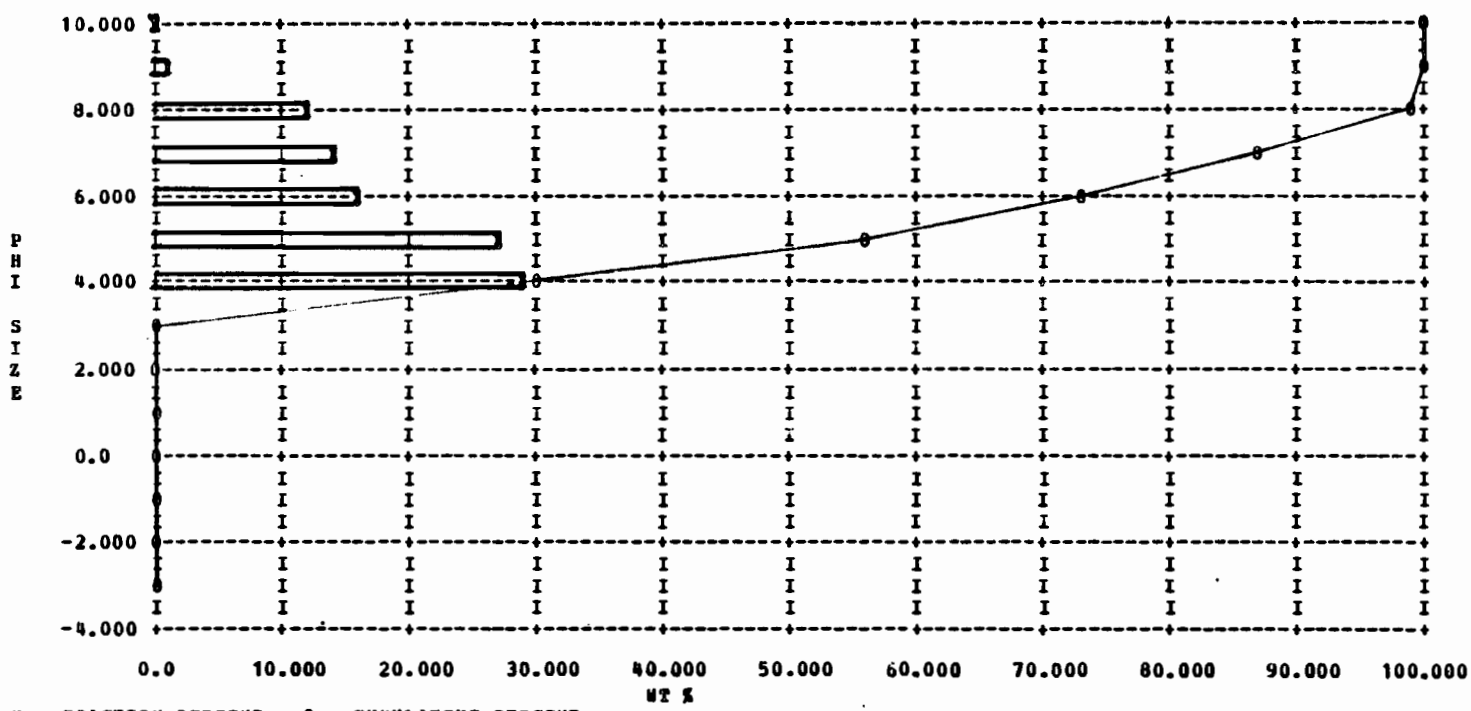
SAMPLE NO. SGB 37C2-3 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.056 VARIANCE = 0.20514E+01 STANDARD DEVIATION = 1.432
SKEWNESS = 0.291 KURTOSIS = -0.669 THIRD MOMENT = 0.17118E+01 FOURTH MOMENT = 0.98085E+01

CALCULATION OF FOLKS STATISTICS
MZ = 5.099 SORTING = 1.356 SKEWNESS = 0.346 KURTOSIS = 0.749

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.273 SIGMA PHI = 1.495 SKEWNESS = 0.339
KG (INMAN)= 0.344 ALPHA TWO PHI = 0.474



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

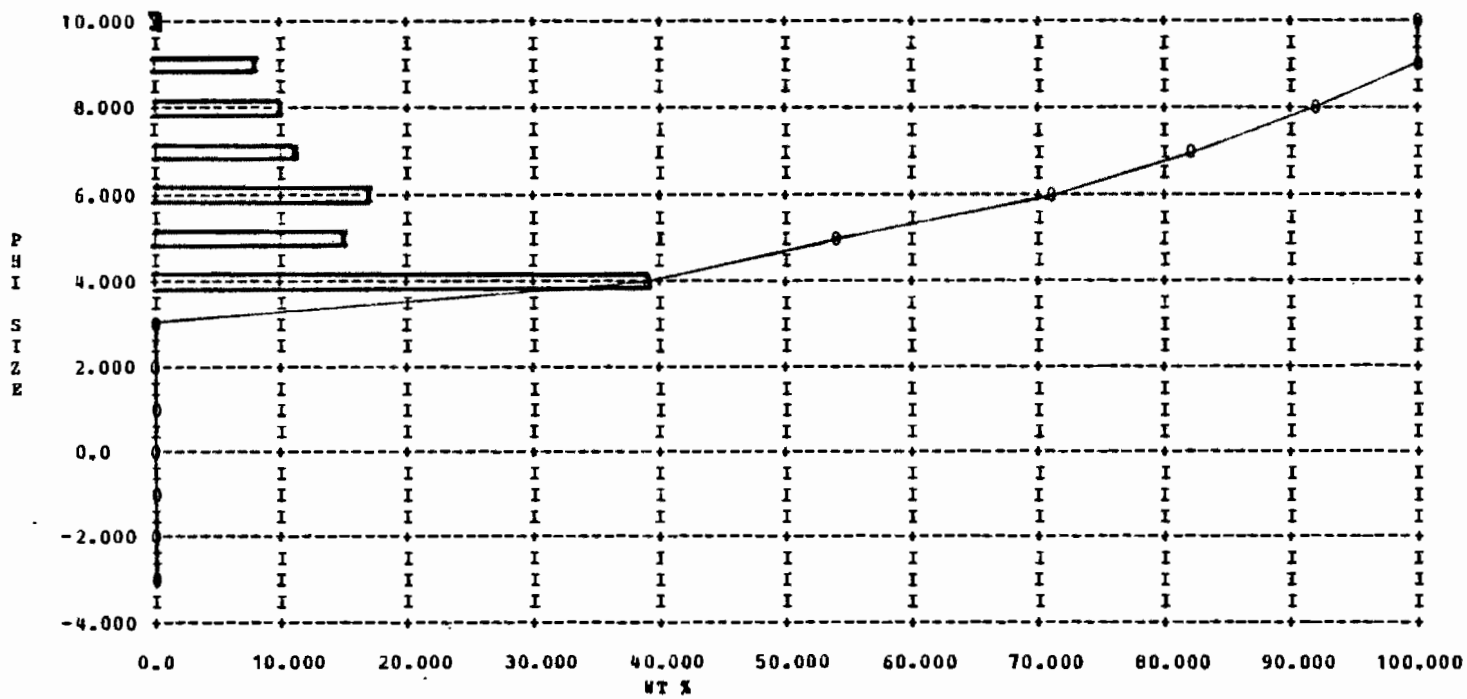
SAMPLE NO. SGB 37C3-4 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.123 VARIANCE = 0.28582E+01 STANDARD DEVIATION = 1.691
SKEWNESS = 0.327 KURTOSIS = -0.819 THIRD MOMENT = 0.31594E+01 FOURTH MOMENT = 0.17813E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.200 SORTING = 1.587 SKEWNESS = 0.430 KURTOSIS = 0.773

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.441 SIGMA PHI = 1.735 SKEWNESS = 0.406
KG (INMAN)= 0.367 ALPHA TWO PHI = 0.621



I = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

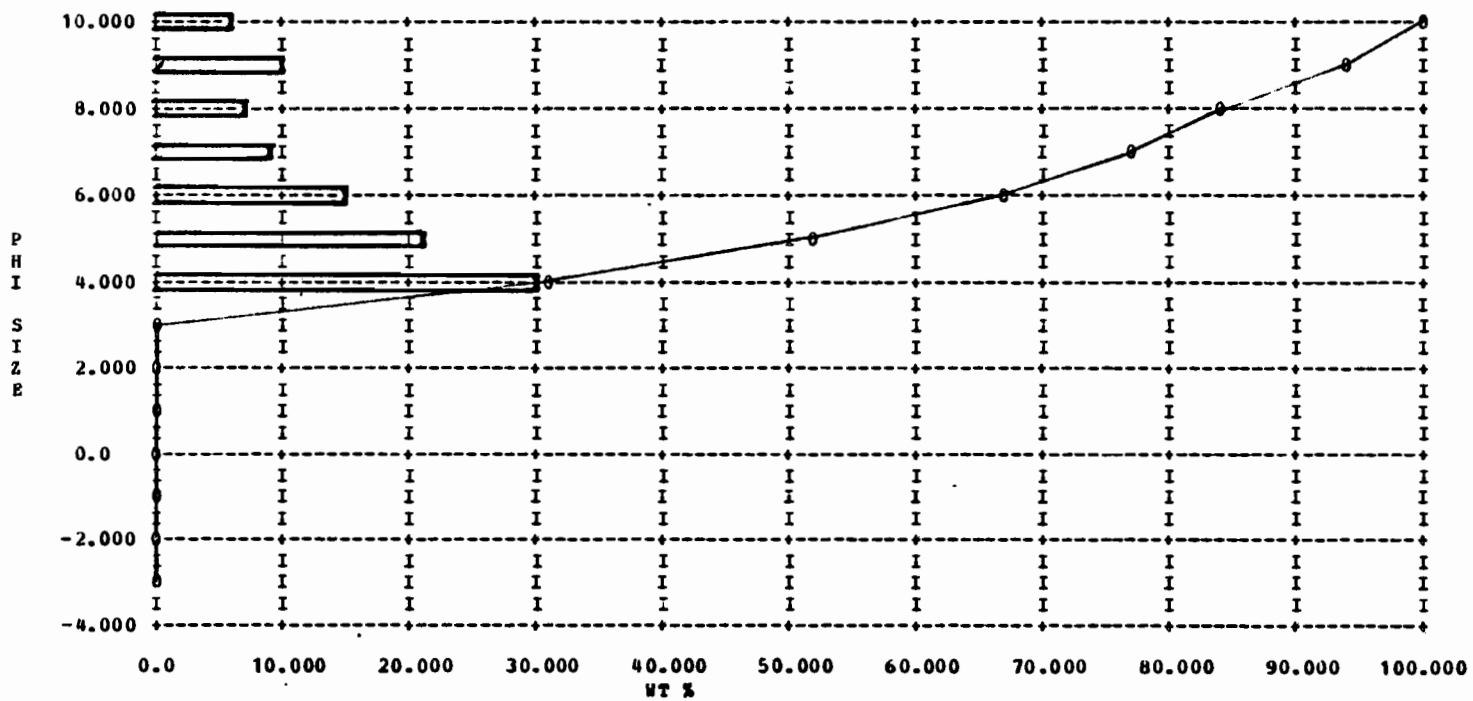
SAMPLE NO. SGB 37C4-5 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.456 VARIANCE = 0.37336E+01 STANDARD DEVIATION = 1.932
SKEWNESS = 0.359 KURTOSIS = -0.730 THIRD MOMENT = 0.51770E+01 FOURTH MOMENT = 0.31646E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.565 SORTING = 1.900 SKEWNESS = 0.481 KURTOSIS = 0.788

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.902 SIGMA PHI = 2.117 SKEWNESS = 0.470
KG (INMAN)= 0.311 ALPHA TWO PHI = 0.646



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

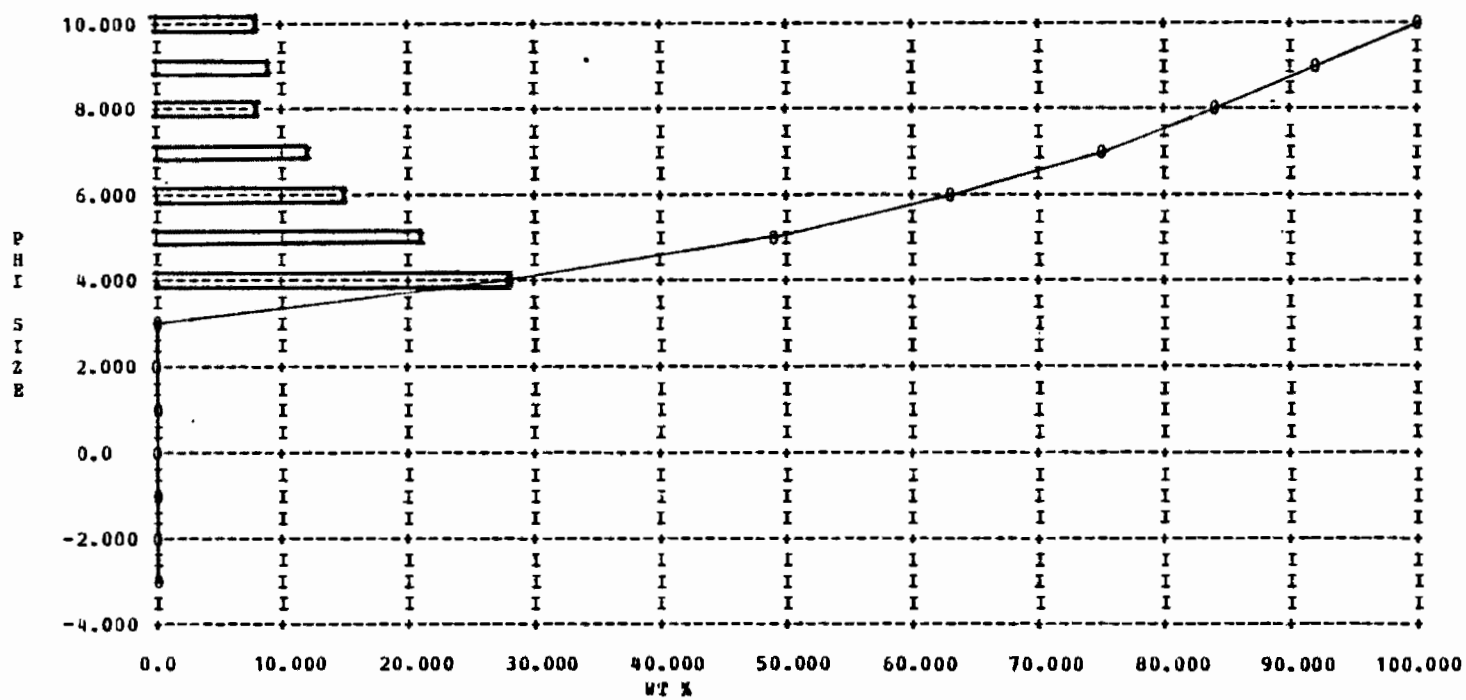
SAMPLE NO. SGB 37C5-6 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.585 VARIANCE = 0.37677E+01 STANDARD DEVIATION = 1.941
SKEWNESS = 0.316 KURTOSIS = -0.822 THIRD MOMENT = 0.46170E+01 FOURTH MOMENT = 0.30923E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.659 SORTING = 1.856 SKEWNESS = 0.455 KURTOSIS = 0.741

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.958 SIGMA PHI = 2.077 SKEWNESS = 0.423
KG (INMAN)= 0.299 ALPHA TWO PHI = 0.631



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

ABLE 7A (continued)

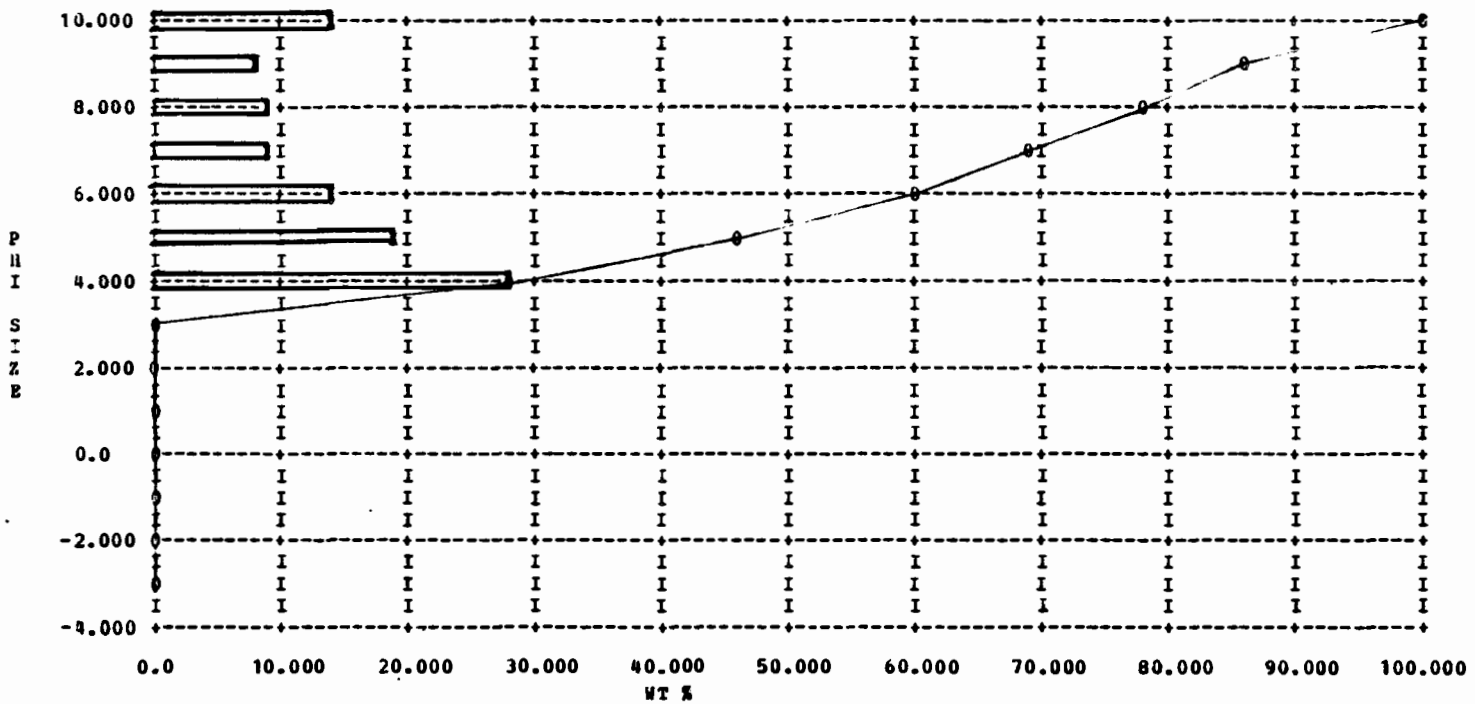
SAMPLE NO. SGB 37C6-7 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.816 VARIANCE = 0.45582E+01 STANDARD DEVIATION = 2.135
SKEWNESS = 0.256 KURTOSIS = -1.139 THIRD MOMENT = 0.49800E+01 FOURTH MOMENT = 0.38664E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.932 SORTING = 2.034 SKEWNESS = 0.430 KURTOSIS = 0.620

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.280 SIGMA PHI = 2.399 SKEWNESS = 0.427
KG (INMAN) = 0.148 ALPHA TWO PHI = 0.496



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 37C7-8 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.903 VARIANCE = 0.47488E+01 STANDARD DEVIATION = 2.179
SKEWNESS = 0.226 KURTOSIS = -1.208 THIRD MOMENT = 0.46762E+01 FOURTH MOMENT = 0.40401E+02

CALCULATION OF FOLKS STATISTICS

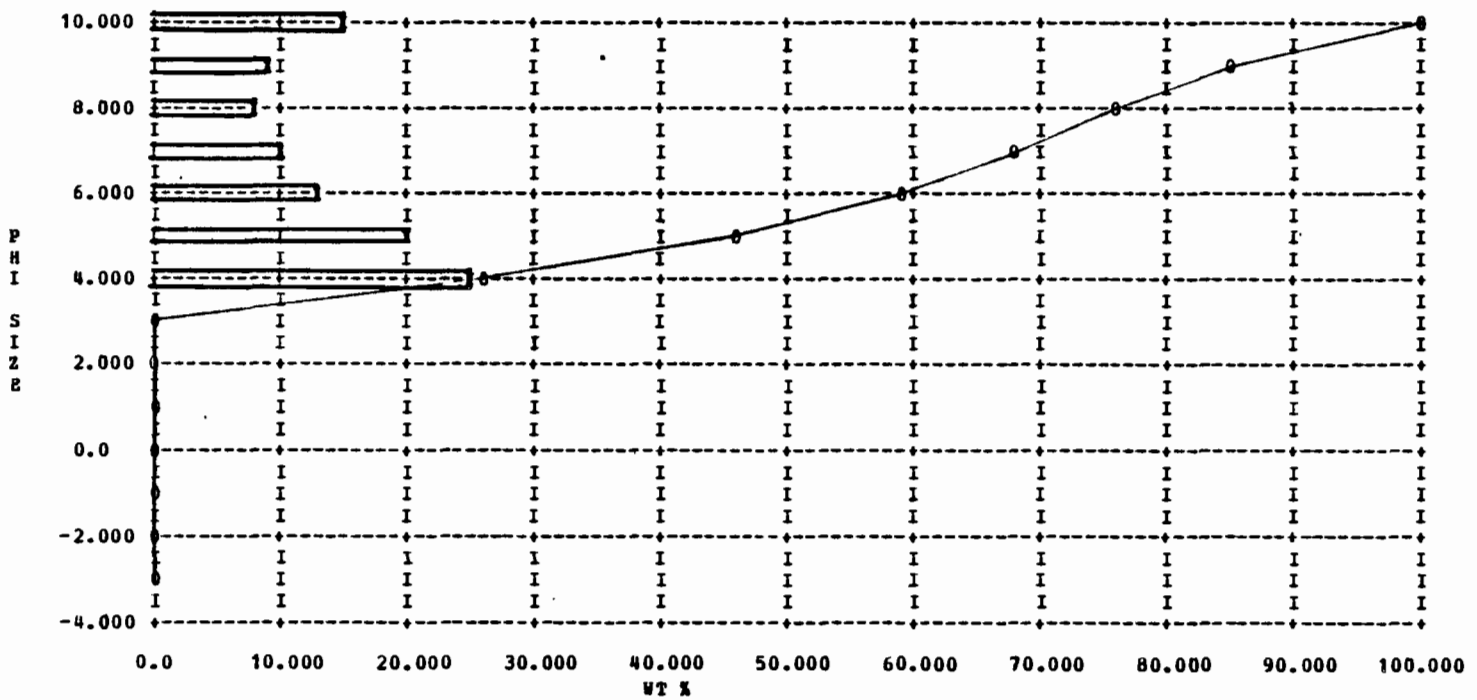
MZ = 6.010 SORTING = 2.136 SKEWNESS = 0.392 KURTOSIS = 0.602

FOLKS TEXTURAL DESCRIPTION

SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.369 SIGMA PHI = 2.540 SKEWNESS = 0.417
KG (INMAN)= 0.126 ALPHA TWO PHI = 0.413



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

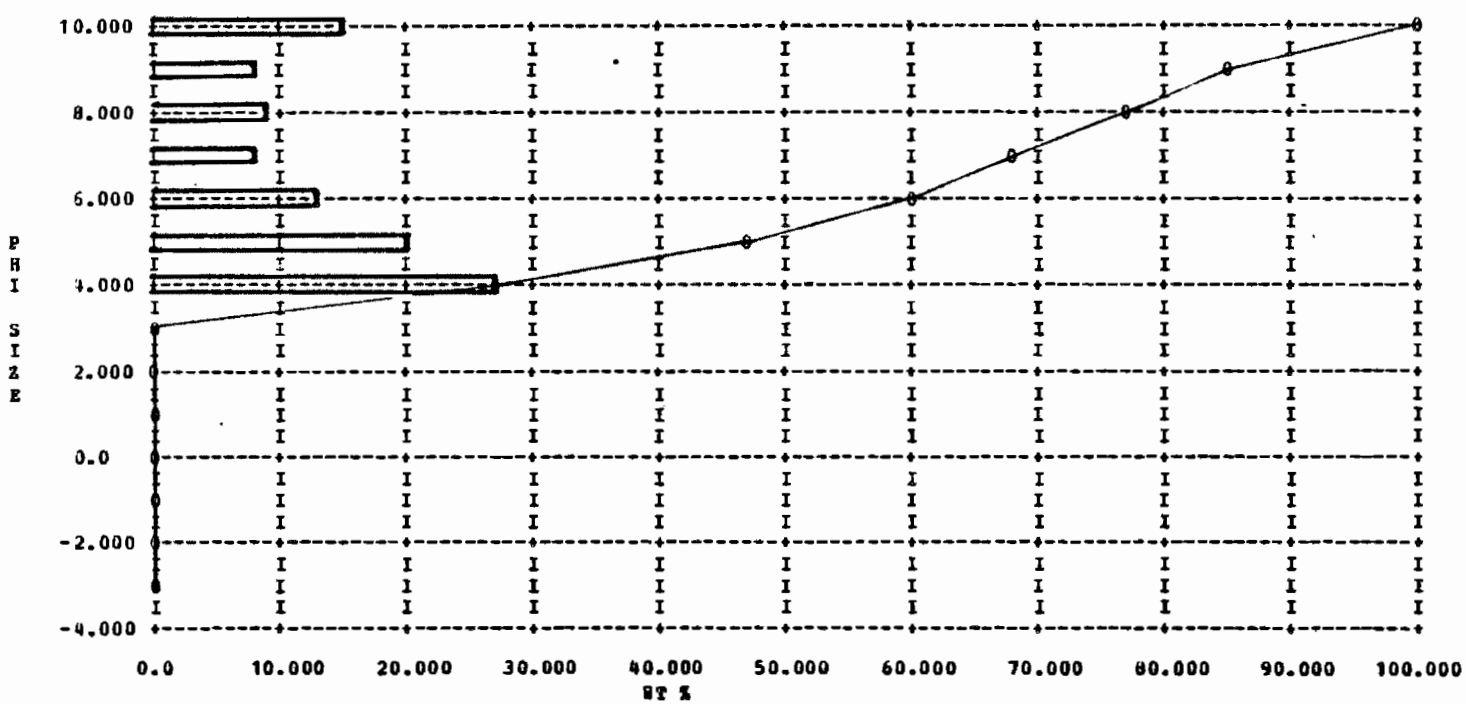
SAMPLE NO. SGB 37C8-9 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.848 VARIANCE = 0.46958E+01 STANDARD DEVIATION = 2.167
SKEWNESS = 0.253 KURTOSIS = -1.180 THIRD MOMENT = 0.51509E+01 FOURTH MOMENT = 0.40133E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.985 SORTING = 2.079 SKEWNESS = 0.451 KURTOSIS = 0.604

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.371 SIGMA PHI = 2.486 SKEWNESS = 0.459
KG (INMAN)= 0.111 ALPHA TWO PHI = 0.492



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

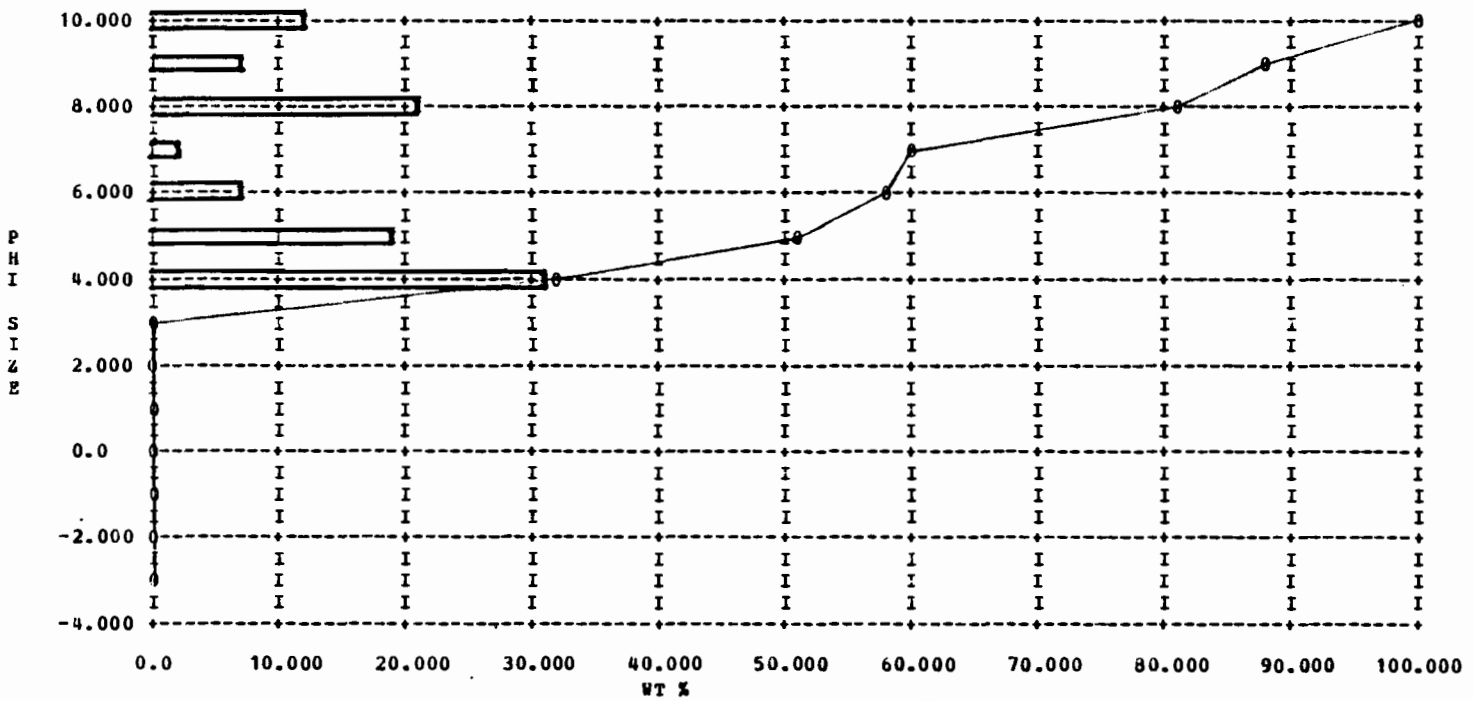
SAMPLE NO. SGB 37C9-10 22 IV 75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.793 VARIANCE = 0.47600E+01 STANDARD DEVIATION = 2.182
SKEWNESS = 0.202 KURTOSIS = -1.345 THIRD MOMENT = 0.41944E+01 FOURTH MOMENT = 0.37488E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.694 SORTING = 2.002 SKEWNESS = 0.488 KURTOSIS = 0.622

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.071 SIGMA PHI = 2.288 SKEWNESS = 0.487
KG (INMAN)= 0.238 ALPHA TWO PHI = 0.605



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

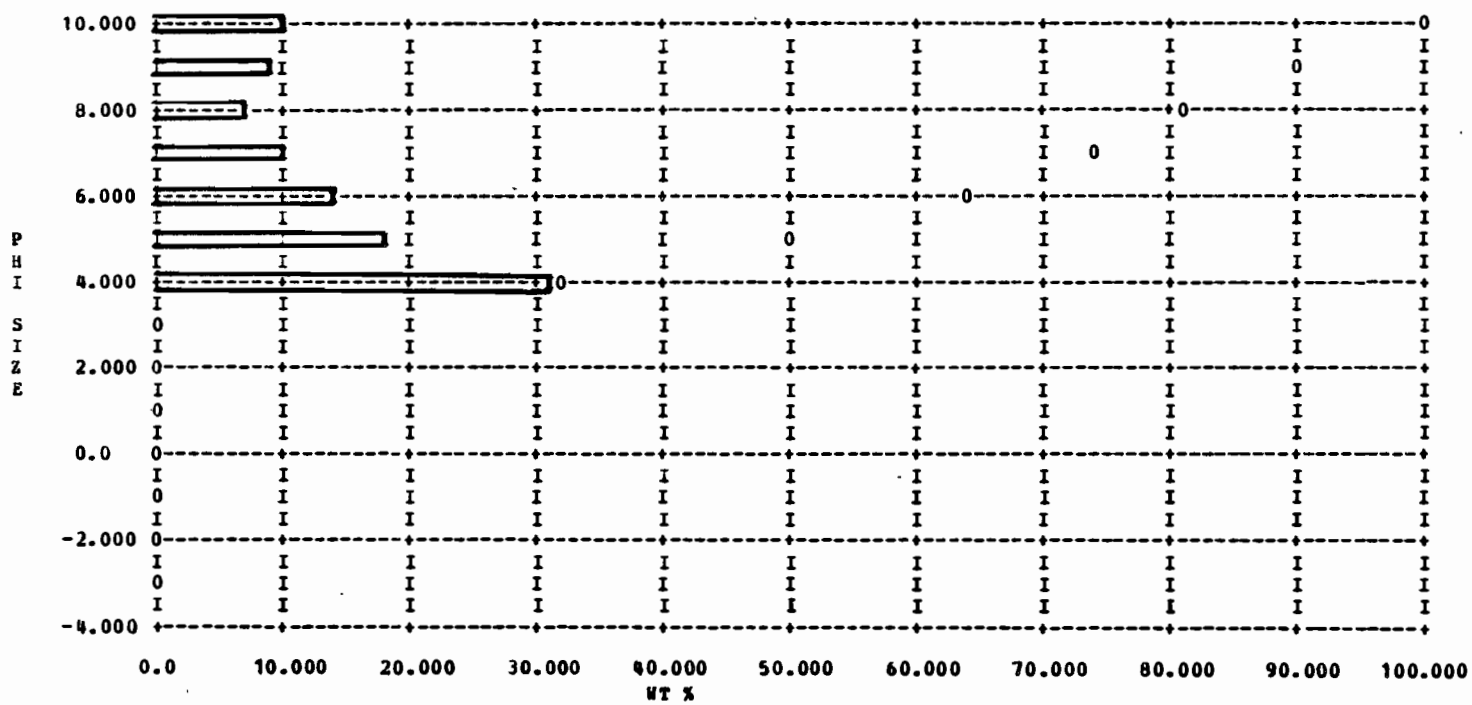
SAMPLE NO. SGB 37C10-11 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.594 VARIANCE = 0.42842E+01 STANDARD DEVIATION = 2.070
SKEWNESS = 0.311 KURTOSIS = -0.936 THIRD MOMENT = 0.55122E+01 FOURTH MOMENT = 0.37883E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.680 SORTING = 1.991 SKEWNESS = 0.460 KURTOSIS = 0.710

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.031 SIGMA PHI = 2.264 SKEWNESS = 0.457
KG (INMAN)= 0.252 ALPHA TWO PHI = 0.580



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

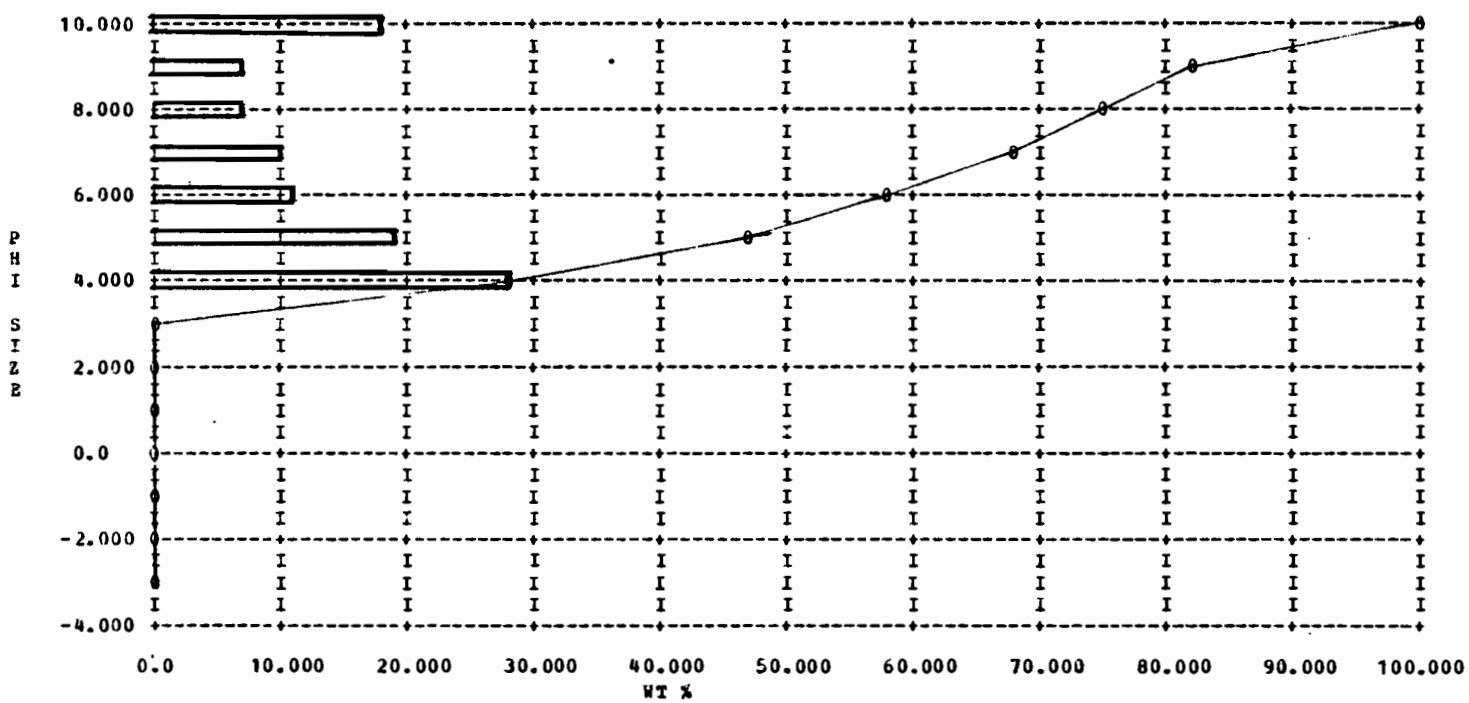
SAMPLE NO. SGB 37C11-12 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.917 VARIANCE = 0.50168E+01 STANDARD DEVIATION = 2.240
SKEWNESS = 0.224 KURTOSIS = -1.267 THIRD MOMENT = 0.50231E+01 FOURTH MOMENT = 0.43613E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.037 SORTING = 2.170 SKEWNESS = 0.404 KURTOSIS = 0.581

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.417 SIGMA PHI = 2.604 SKEWNESS = 0.430
KG (INMAN)= 0.099 ALPHA TWO PHI = 0.416



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

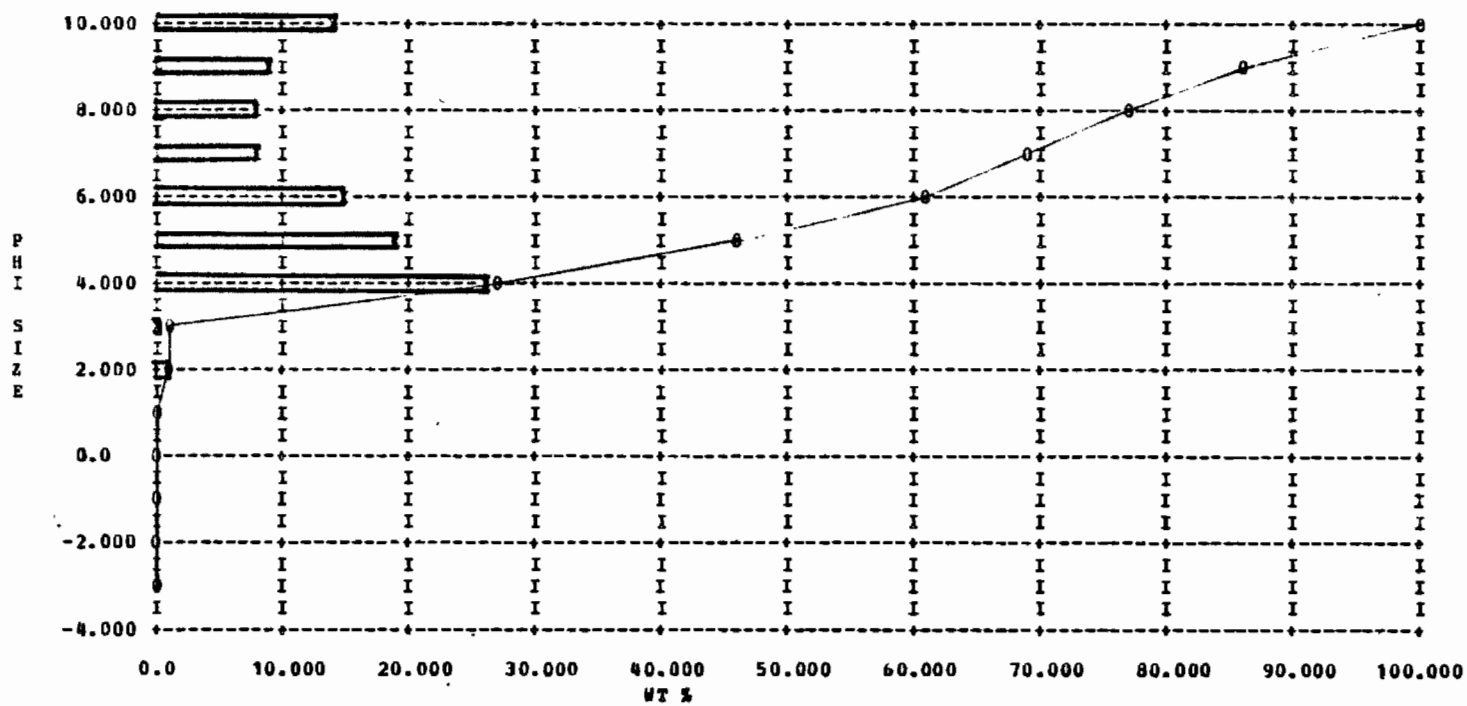
SAMPLE NO. SGB 37C12-13 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.816 VARIANCE = 0.46937E+01 STANDARD DEVIATION = 2.166
SKEWNESS = 0.229 KURTOSIS = -1.107 THIRD MOMENT = 0.46574E+01 FOURTH MOMENT = 0.41694E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.915 SORTING = 2.118 SKEWNESS = 0.374 KURTOSIS = 0.638

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.247 SIGMA PHI = 2.475 SKEWNESS = 0.395
KG (INMAN)= 0.175 ALPHA TWO PHI = 0.414



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

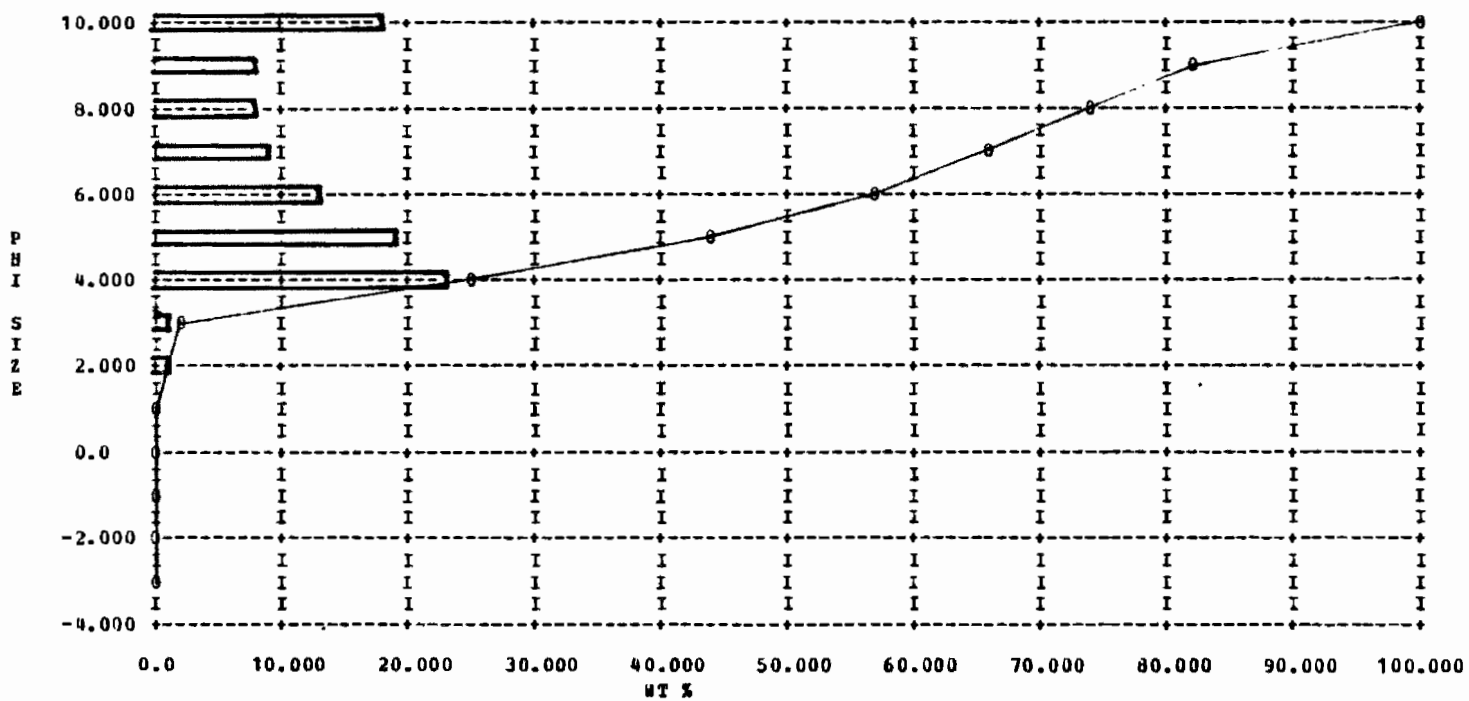
SAMPLE NO. SGB 37C13-14 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.998 VARIANCE = 0.50831E+01 STANDARD DEVIATION = 2.255
SKEWNESS = 0.170 KURTOSIS = -1.251 THIRD MOMENT = 0.38969E+01 FOURTH MOMENT = 0.45196E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.086 SORTING = 2.208 SKEWNESS = 0.316 KURTOSIS = 0.591

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.404 SIGMA PHI = 2.623 SKEWNESS = 0.356
KG (INMAN)= 0.128 ALPHA TWO PHI = 0.312



X = FRACTION PERCENT O = CUMULATIVE PERCENT

TABLE 7A (continued)

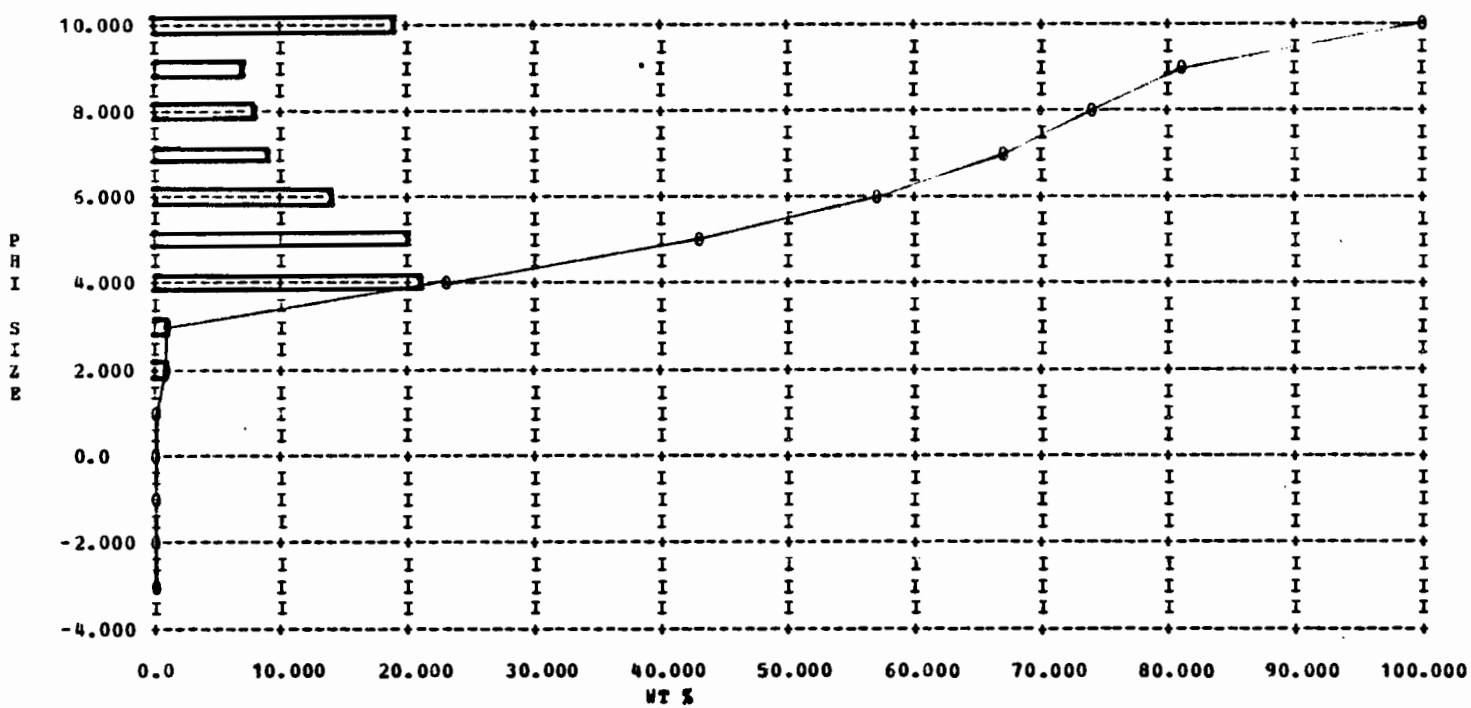
SAMPLE NO. SGB 37C14-15 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 6.020 VARIANCE = 0.49962E+01 STANDARD DEVIATION = 2.235
SKEWNESS = 0.175 KURTOSIS = -1.195 THIRD MOMENT = 0.39141E+01 FOURTH MOMENT = 0.45067E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.110 SORTING = 2.194 SKEWNESS = 0.321 KURTOSIS = 0.610

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.430 SIGMA PHI = 2.605 SKEWNESS = 0.362
KG (INMAN) = 0.129 ALPHA TWO PHI = 0.316



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

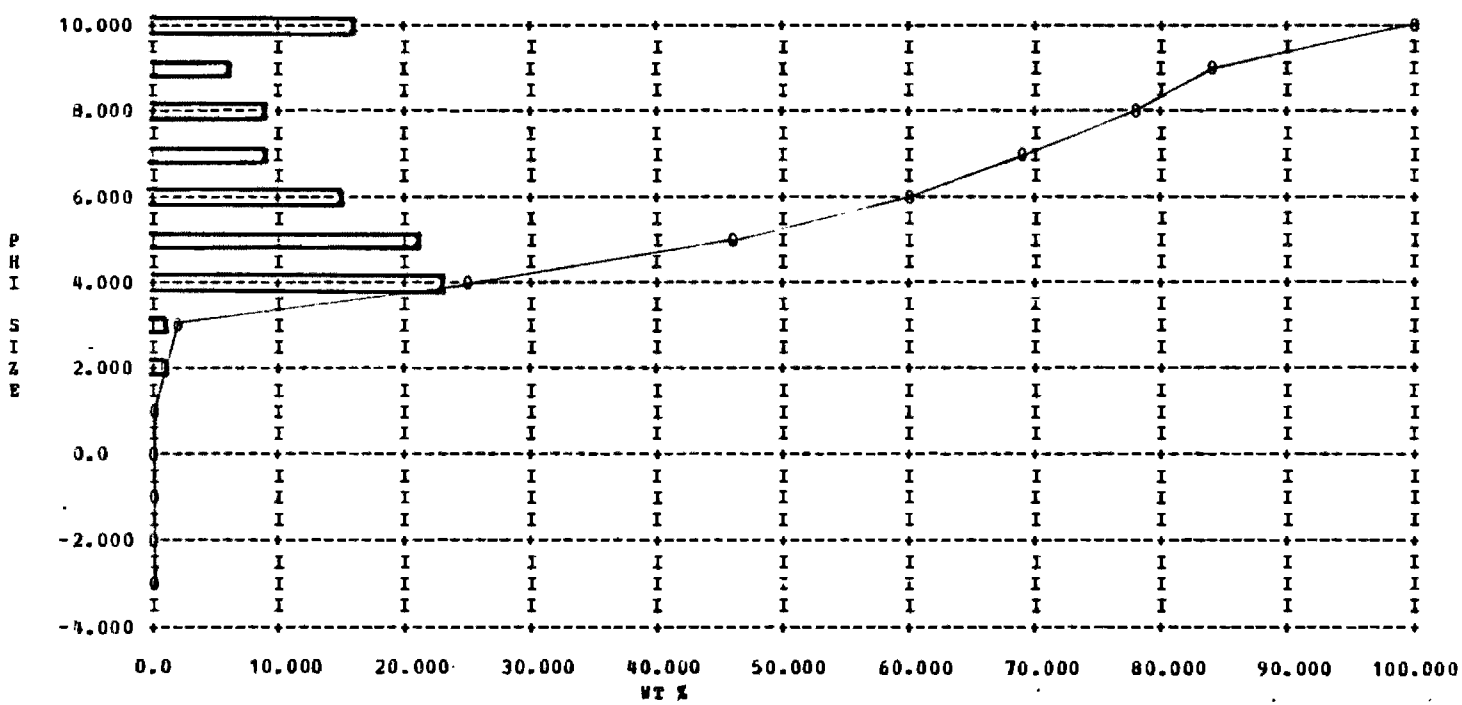
SAMPLE NO. SGB 37C15-16 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.841 VARIANCE = 0.48617E+01 STANDARD DEVIATION = 2.205
SKEWNESS = 0.193 KURTOSIS = -0.966 THIRD MOMENT = 0.41479E+01 FOURTH MOMENT = 0.48070E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.009 SORTING = 2.203 SKEWNESS = 0.363 KURTOSIS = 0.672

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.370 SIGMA PHI = 2.605 SKEWNESS = 0.408
KG (INMAN)= 0.141 ALPHA TWO PHI = 0.363



I = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 37C16-18 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.920 VARIANCE = 0.49375E+01 STANDARD DEVIATION = 2.222
SKEWNESS = 0.220 KURTOSIS = -1.133 THIRD MOMENT = 0.48368E+01 FOURTH MOMENT = 0.45513E+02

CALCULATION OF FOLKS STATISTICS

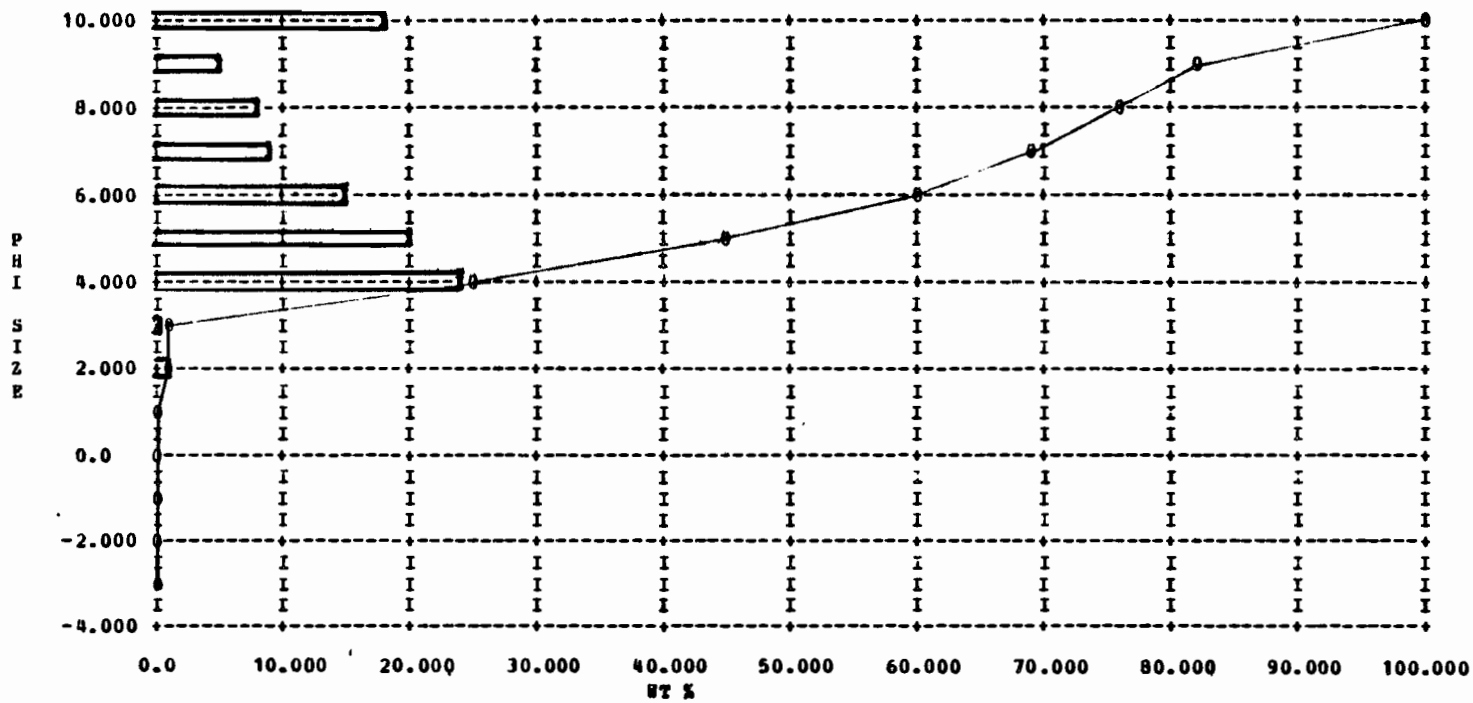
MZ = 6.056 SORTING = 2.189 SKEWNESS = 0.373 KURTOSIS = 0.628

FOLKS TEXTURAL DESCRIPTION

SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.418 SIGMA PHI = 2.612 SKEWNESS = 0.409
KG (INMAN)= 0.116 ALPHA TWO PHI = 0.377



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

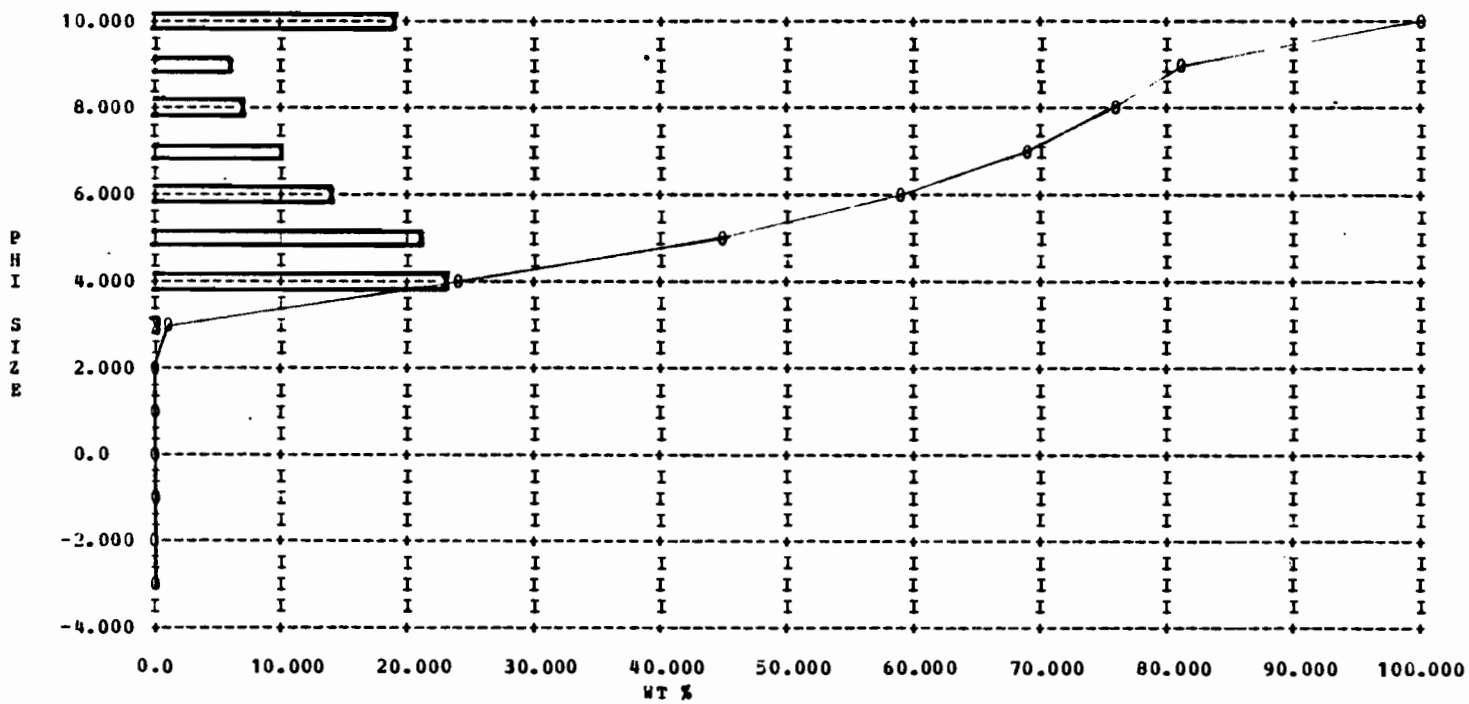
SAMPLE NO. SGB 37C18-20 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.960 VARIANCE = 0.49111E+01 STANDARD DEVIATION = 2.216
SKEWNESS = 0.226 KURTOSIS = -1.184 THIRD MOMENT = 0.49187E+01 FOURTH MOMENT = 0.43794E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.074 SORTING = 2.175 SKEWNESS = 0.379 KURTOSIS = 0.614

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.438 SIGMA PHI = 2.598 SKEWNESS = 0.413
KG (INMAN)= 0.112 ALPHA TWO PHI = 0.384



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

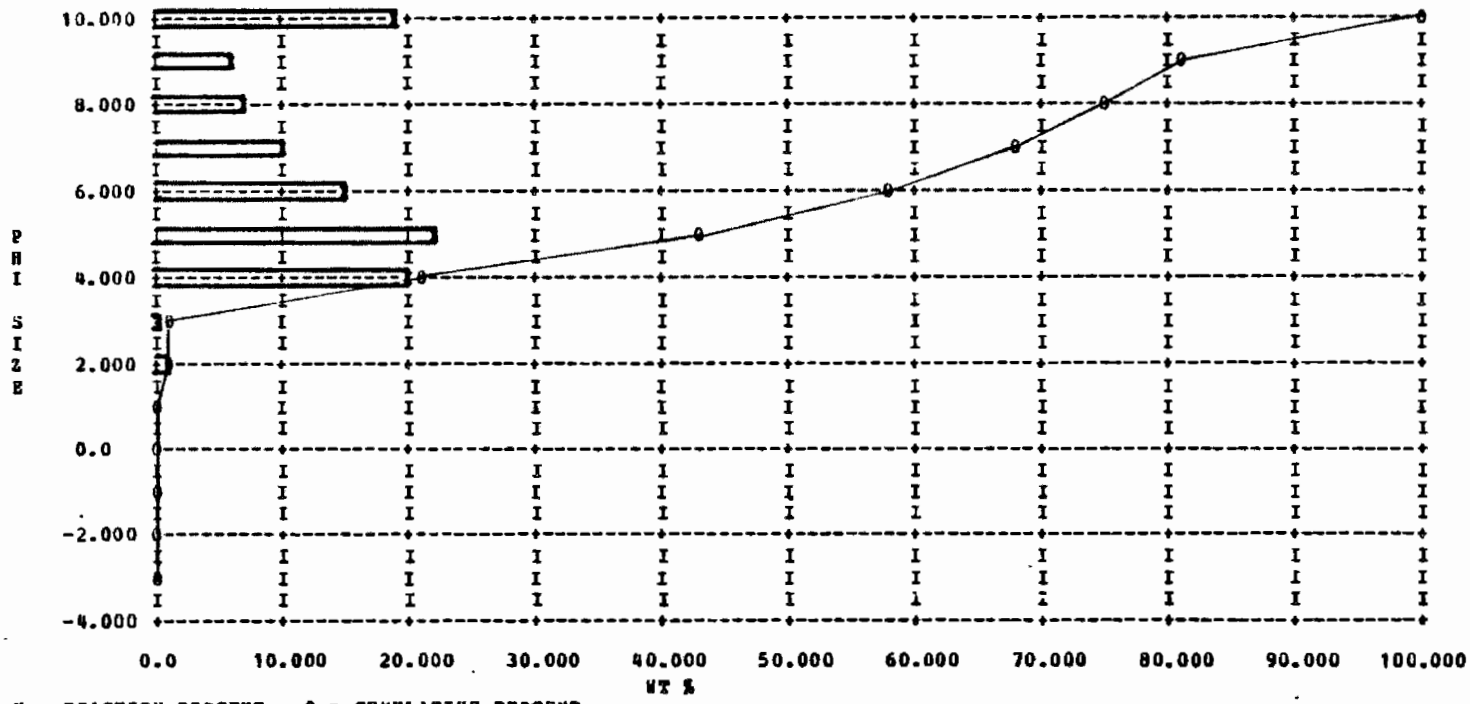
SAMPLE NO. SGB 37C20-22 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 6.011 VARIANCE = 0.48473E+01 STANDARD DEVIATION = 2.202
SKEWNESS = 0.202 KURTOSIS = -1.124 THIRD MOMENT = 0.43185E+01 FOURTH MOMENT = 0.44083E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.114 SORTING = 2.165 SKEWNESS = 0.357 KURTOSIS = 0.628

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.458 SIGMA PHI = 2.579 SKEWNESS = 0.394
KG (INMAN)= 0.120 ALPHA TWO PHI = 0.358



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

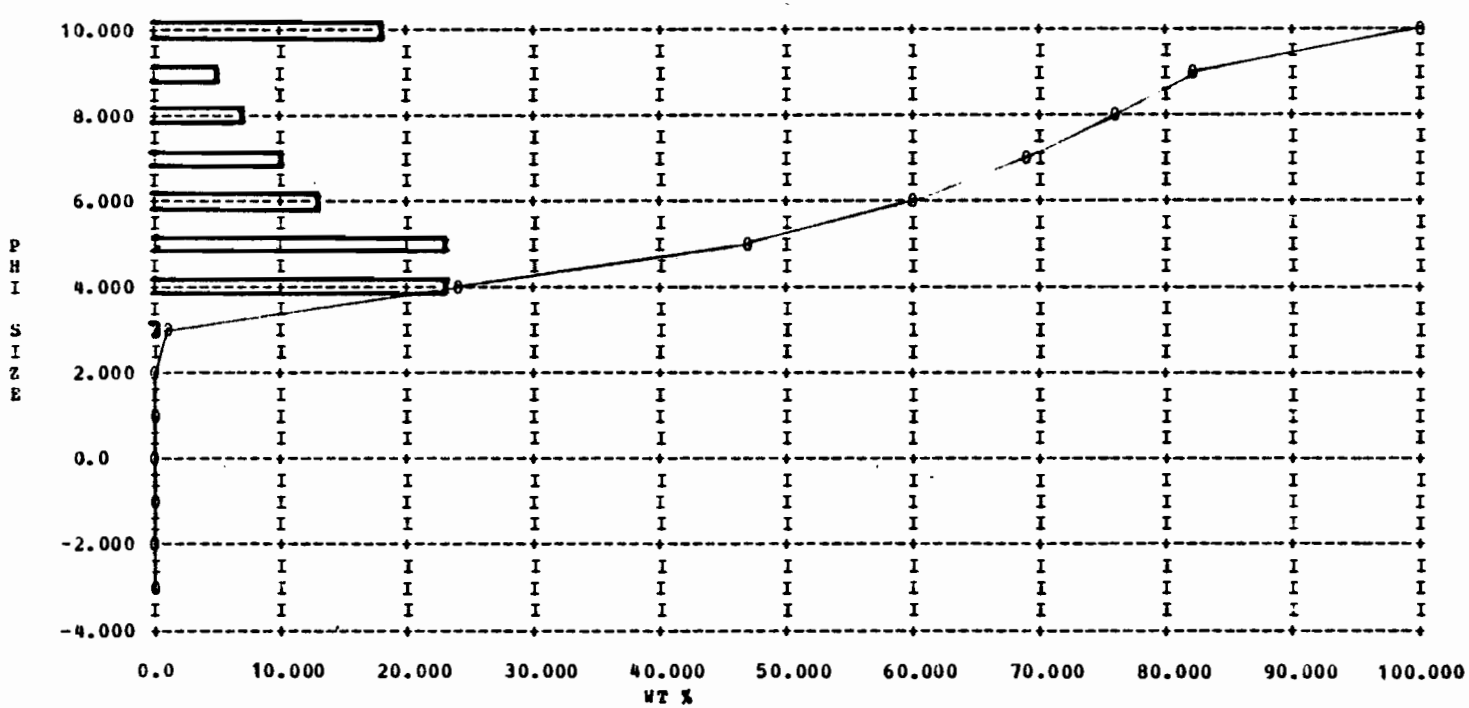
SAMPLE NO. SGB 37C22-24 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.910 VARIANCE = 0.48472E+01 STANDARD DEVIATION = 2.202
SKEWNESS = 0.252 KURTOSIS = -1.139 THIRD MOMENT = 0.53695E+01 FOURTH MOMENT = 0.43720E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.035 SORTING = 2.168 SKEWNESS = 0.425 KURTOSIS = 0.633

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.438 SIGMA PHI = 2.592 SKEWNESS = 0.459
KG (INMAN)= 0.110 ALPHA TWO PHI = 0.433



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

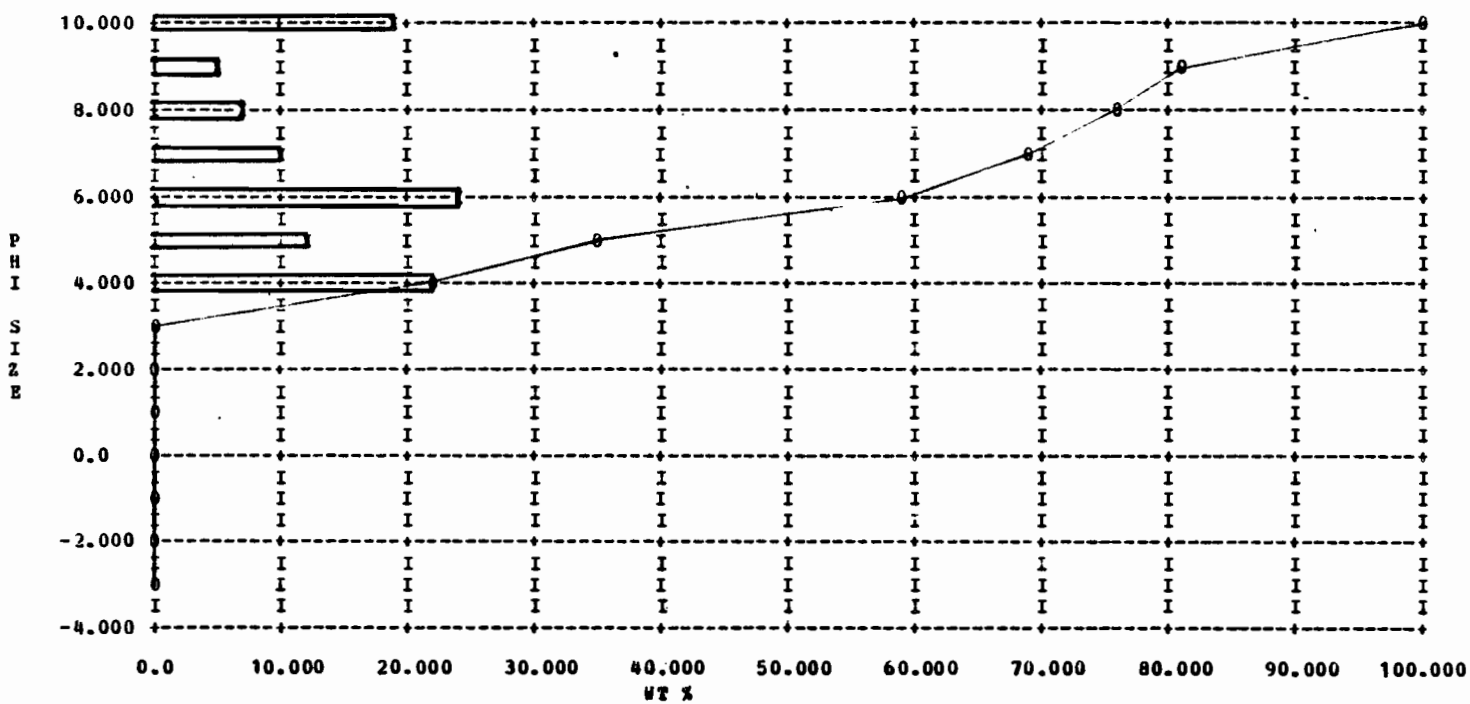
SAMPLE NO. SGB 37C24-26 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 6.071 VARIANCE = 0.46311E+01 STANDARD DEVIATION = 2.152
SKEWNESS = 0.201 KURTOSIS = -1.115 THIRD MOMENT = 0.40132E+01 FOURTH MOMENT = 0.40438E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.173 SORTING = 2.159 SKEWNESS = 0.296 KURTOSIS = 0.639

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.457 SIGMA PHI = 2.583 SKEWNESS = 0.323
KG (INMAN)= 0.108 ALPHA TWO PHI = 0.299



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 37C26-28 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.995 VARIANCE = 0.50059E+01 STANDARD DEVIATION = 2.237
SKEWNESS = 0.179 KURTOSIS = -0.992 THIRD MOMENT = 0.40170E+01 FOURTH MOMENT = 0.50311E+02

CALCULATION OF FOLKS STATISTICS

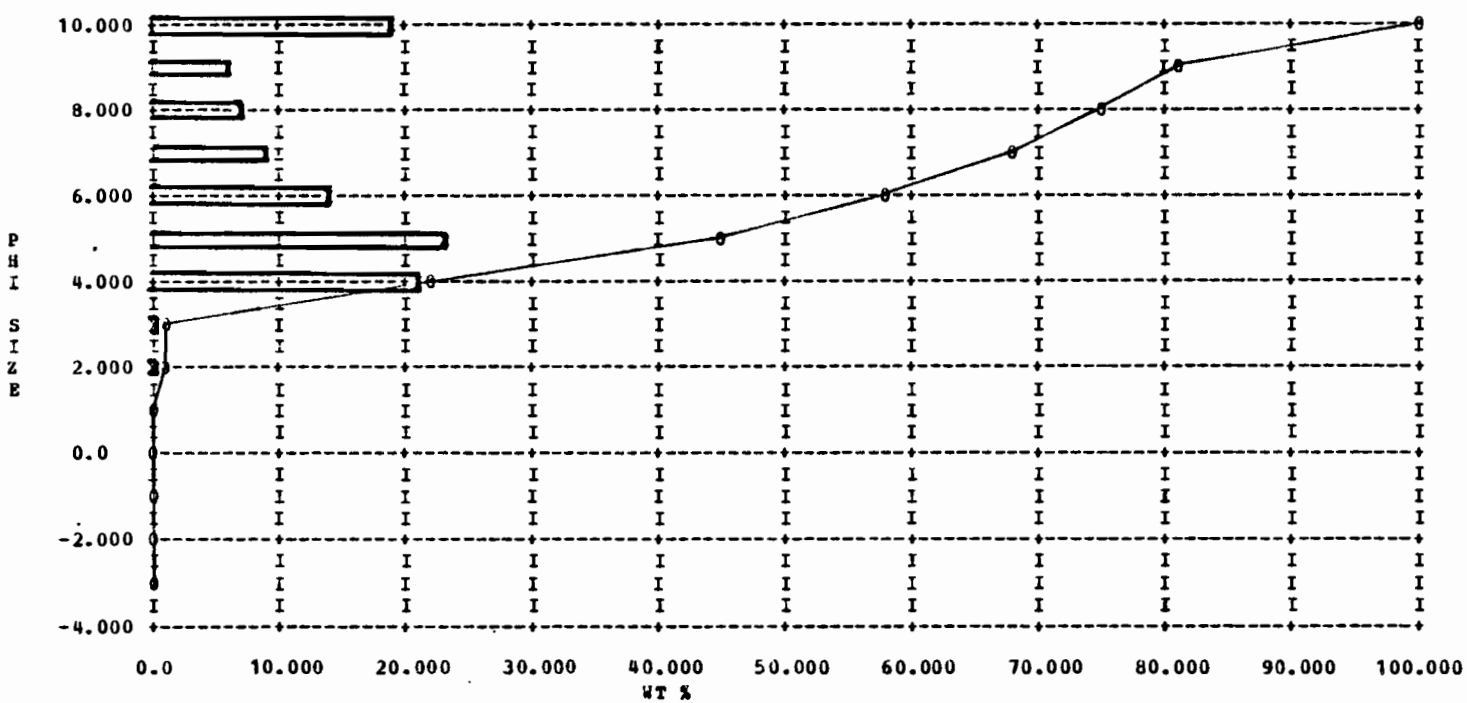
MZ = 6.094 SORTING = 2.173 SKEWNESS = 0.374 KURTOSIS = 0.620

FOLKS TEXTURAL DESCRIPTION

SLIGHTLY GRAVELLY SANDY MUD
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.455 SIGMA PHI = 2.588 SKEWNESS = 0.412
KG (INMAN)= 0.120 ALPHA TWO PHI = 0.375



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 37C28-30 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.994 VARIANCE = 0.46338E+01 STANDARD DEVIATION = 2.153
SKEWNESS = 0.247 KURTOSIS = -1.165 THIRD MOMENT = 0.49303E+01 FOURTH MOMENT = 0.39410E+02

CALCULATION OF FOLKS STATISTICS

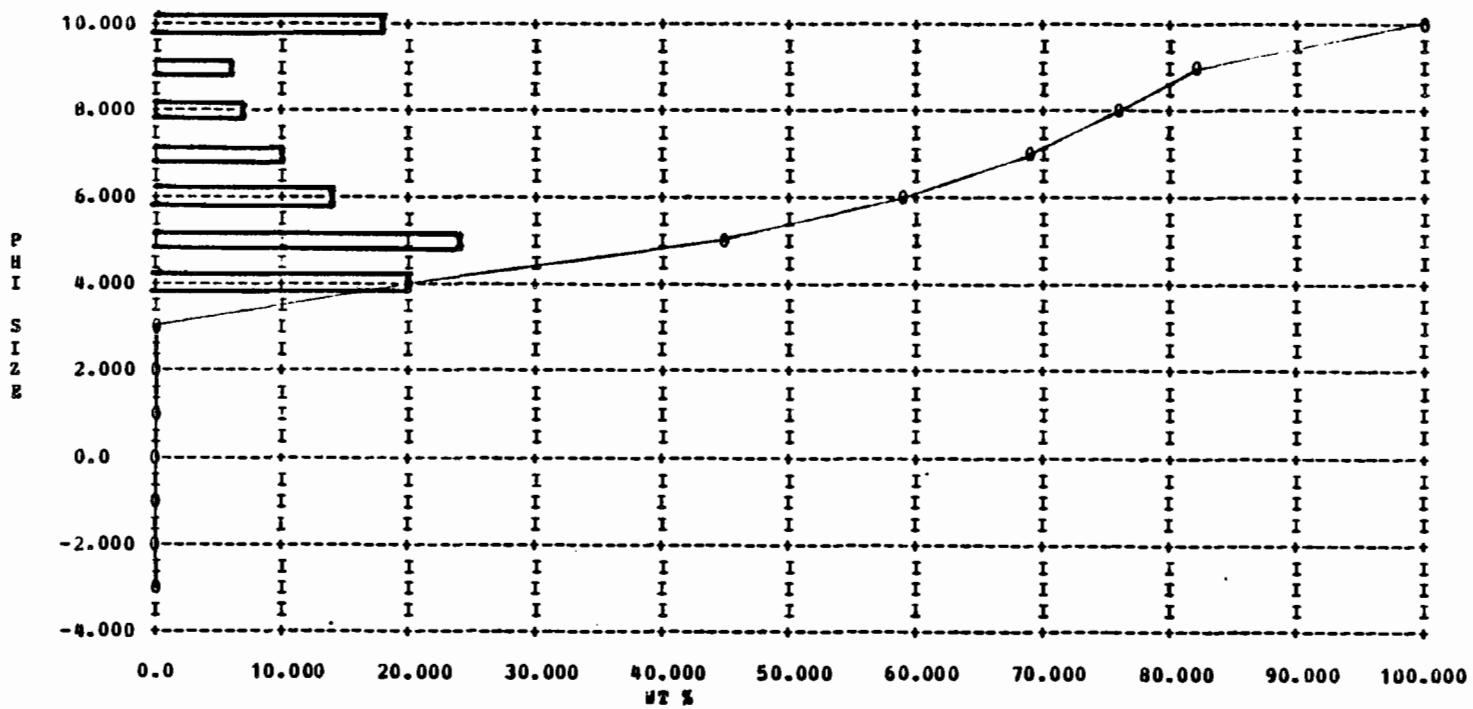
MZ = 6.103 SORTING = 2.129 SKEWNESS = 0.403 KURTOSIS = 0.638

FOLKS TEXTURAL DESCRIPTION

SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 6.476 SIGMA PHI = 2.552 SKEWNESS = 0.431
KG (INMAN)= 0.104 ALPHA TWO PHI = 0.414



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

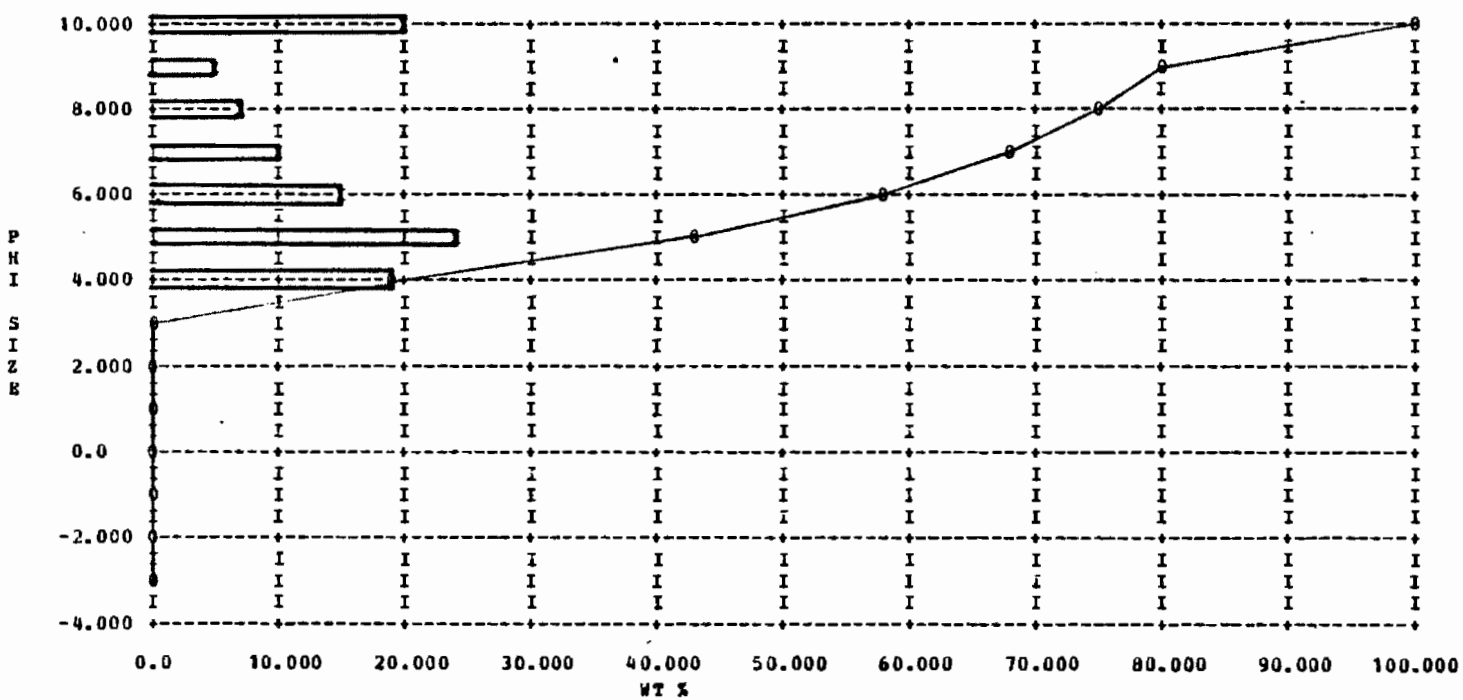
SAMPLE NO. SGB 37C30-35 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 6.075 VARIANCE = 0.47216E+01 STANDARD DEVIATION = 2.173
SKEWNESS = 0.227 KURTOSIS = -1.226 THIRD MOMENT = 0.46490E+01 FOURTH MOMENT = 0.39543E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.152 SORTING = 2.123 SKEWNESS = 0.376 KURTOSIS = 0.612

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.498 SIGMA PHI = 2.550 SKEWNESS = 0.399
KG (INMAN) = 0.097 ALPHA TWO PHI = 0.387



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

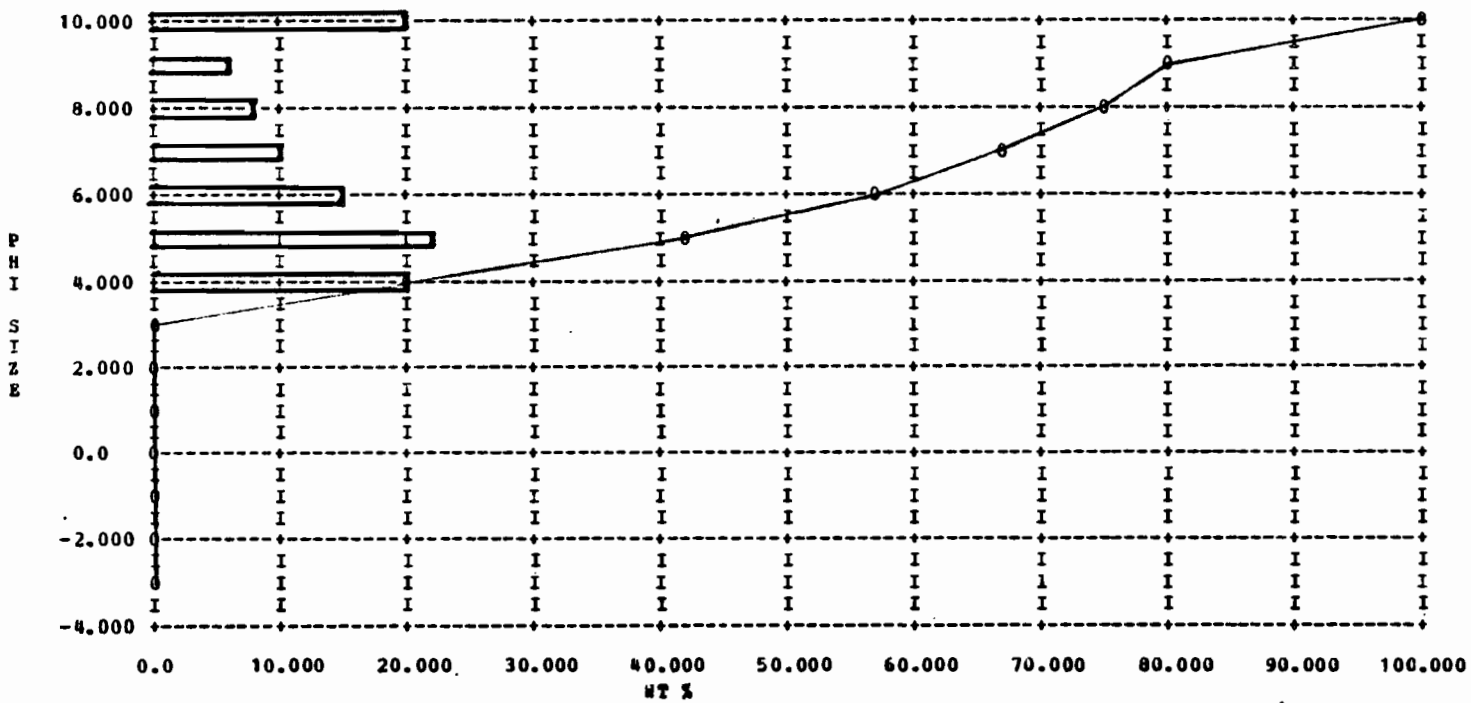
SAMPLE NO. SGB 37C35-40 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 6.098 VARIANCE = 0.47306E+01 STANDARD DEVIATION = 2.175
SKEWNESS = 0.208 KURTOSIS = -1.243 THIRD MOMENT = 0.42815E+01 FOURTH MOMENT = 0.39309E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.171 SORTING = 2.132 SKEWNESS = 0.341 KURTOSIS = 0.610

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.489 SIGMA PHI = 2.557 SKEWNESS = 0.366
KG (INMAN)= 0.103 ALPHA TWO PHI = 0.348



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

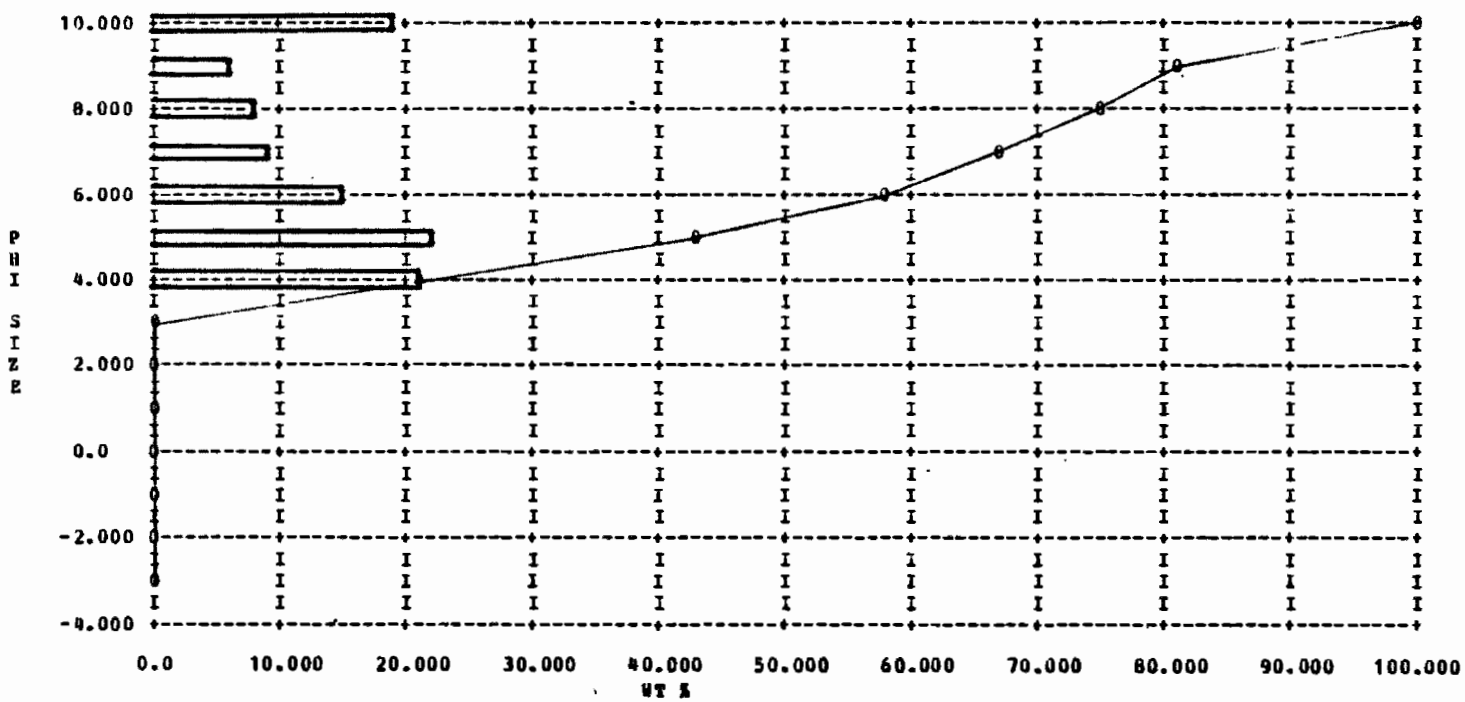
SAMPLE NO. SGB 37C40-45 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 6.043 VARIANCE = 0.47879E+01 STANDARD DEVIATION = 2.188
SKEWNESS = 0.223 KURTOSIS = -1.231 THIRD MOMENT = 0.46690E+01 FOURTH MOMENT = 0.40548E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.131 SORTING = 2.140 SKEWNESS = 0.370 KURTOSIS = 0.610

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.476 SIGMA PHI = 2.567 SKEWNESS = 0.396
KG (INMAN)= 0.101 ALPHA TWO PHI = 0.379



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

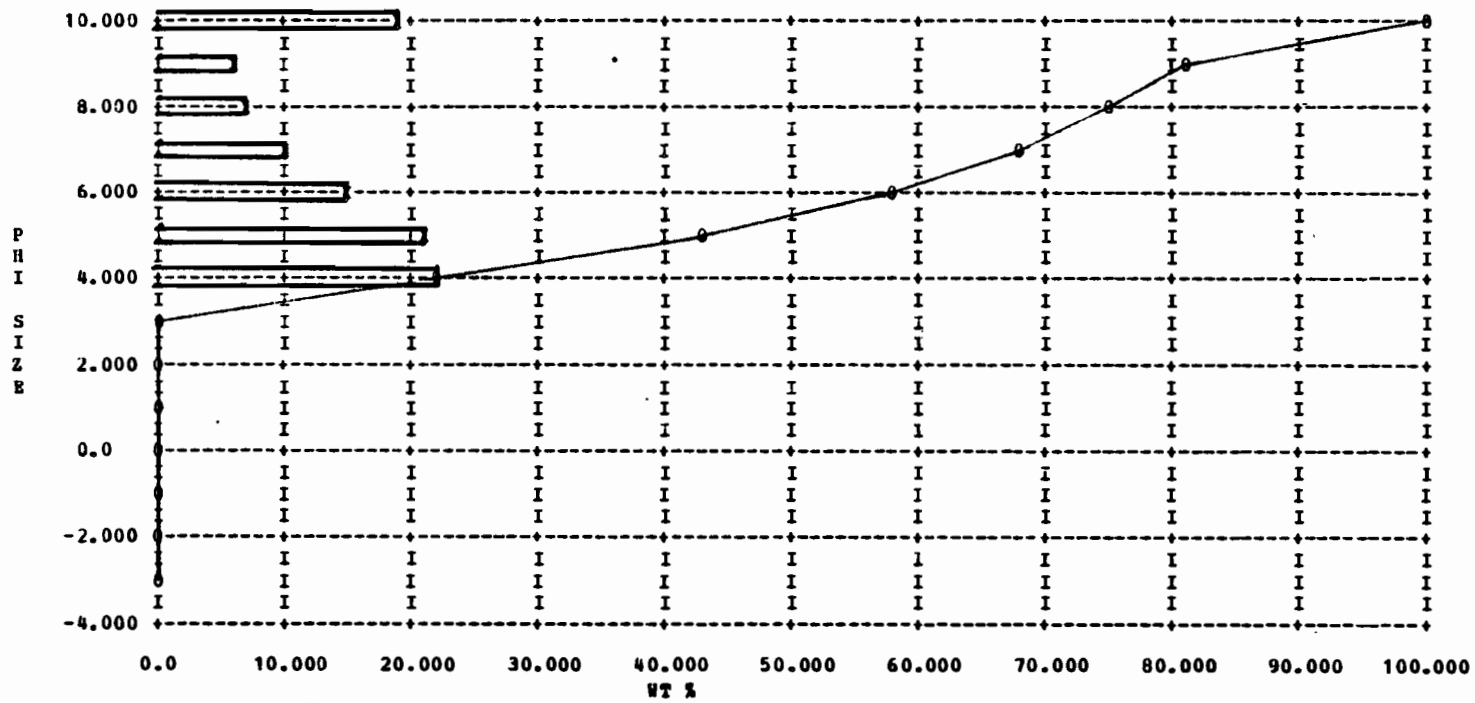
SAMPLE NO. SGB 37C45-50 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 6.024 VARIANCE = 0.47978E+01 STANDARD DEVIATION = 2.190
SKEWNESS = 0.225 KURTOSIS = -1.212 THIRD MOMENT = 0.47385E+01 FOURTH MOMENT = 0.41168E+02

CALCULATION OF FOLKS STATISTICS
MZ = 6.130 SORTING = 2.142 SKEWNESS = 0.365 KURTOSIS = 0.604

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.470 SIGMA PHI = 2.572 SKEWNESS = 0.389
KG (INMAN)= 0.099 ALPHA TWO PHI = 0.375



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

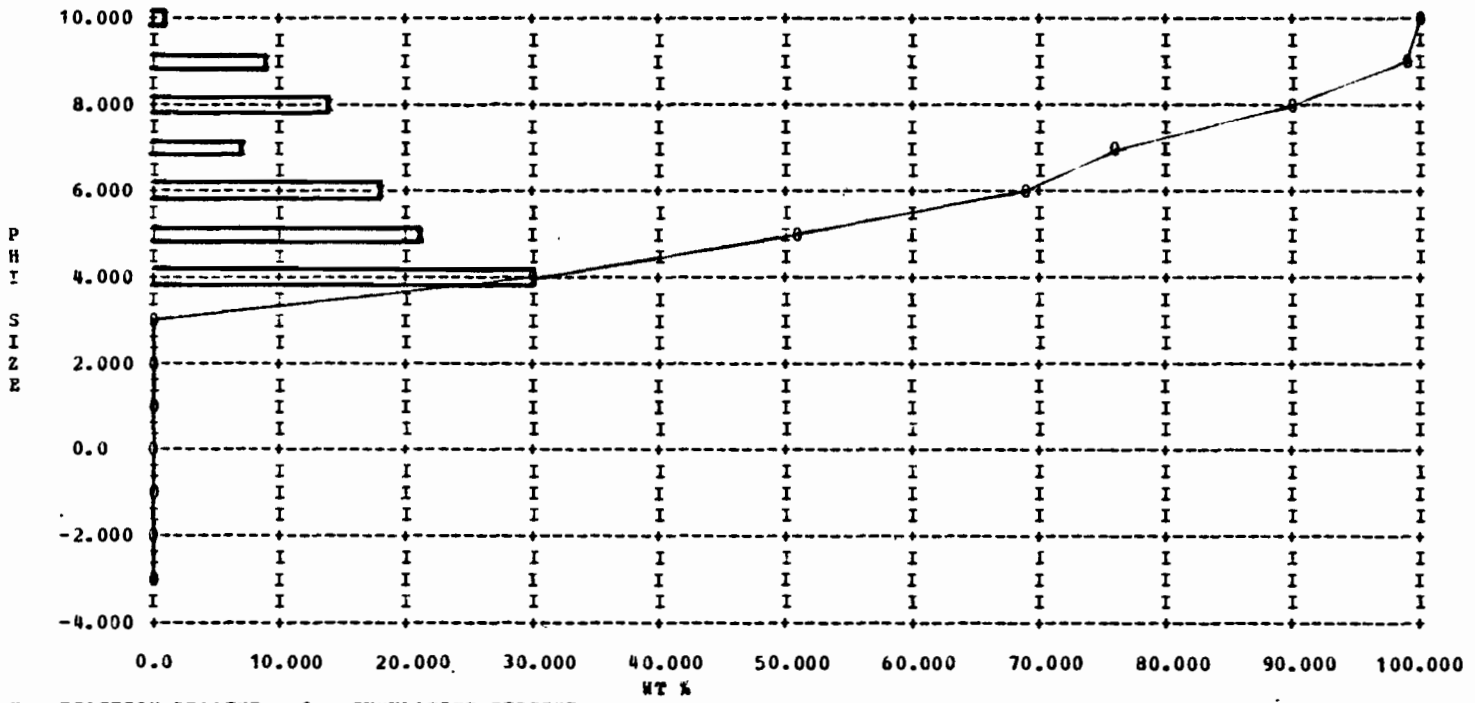
SAMPLE NO. SGB 46C0-1 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.359 VARIANCE = 0.29664E+01 STANDARD DEVIATION = 1.722
SKEWNESS = 0.279 KURTOSIS = -0.972 THIRD MOMENT = 0.28477E+01 FOURTH MOMENT = 0.17846E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.441 SORTING = 1.611 SKEWNESS = 0.423 KURTOSIS = 0.644

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
VERY PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.689 SIGMA PHI = 1.821 SKEWNESS = 0.399
KG (INMAN)= 0.270 ALPHA TWO PHI = 0.567



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 46C1-2 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.440 VARIANCE = 0.34536E+01 STANDARD DEVIATION = 1.858
SKEWNESS = 0.340 KURTOSIS = -0.753 THIRD MOMENT = 0.43637E+01 FOURTH MOMENT = 0.26806E+02

CALCULATION OF FOLKS STATISTICS

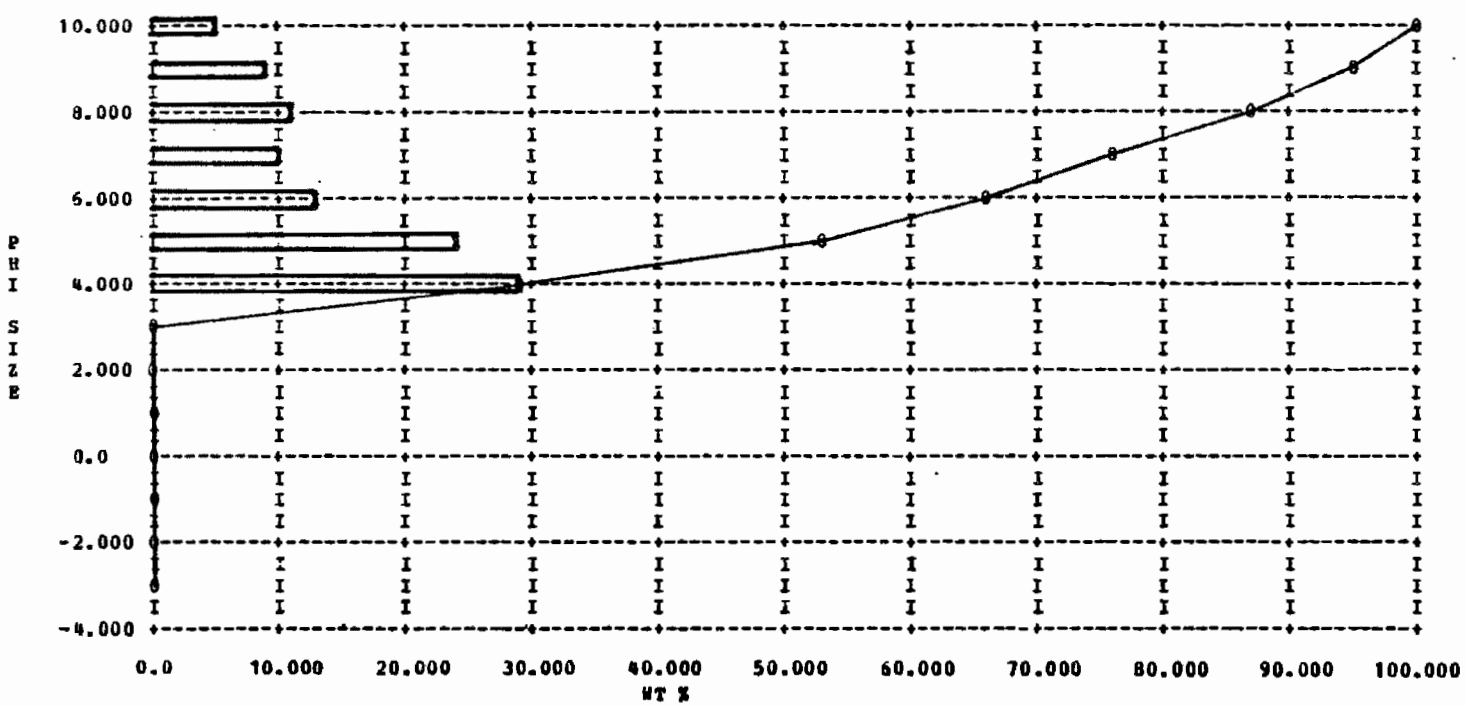
MZ = 5.484 SORTING = 1.759 SKEWNESS = 0.507 KURTOSIS = 0.742

FOLKS TEXTURAL DESCRIPTION

SANDY SILT
POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 5.790 SIGMA PHI = 1.919 SKEWNESS = 0.470
KG (INMAN)= 0.375 ALPHA TWO PHI = 0.747



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

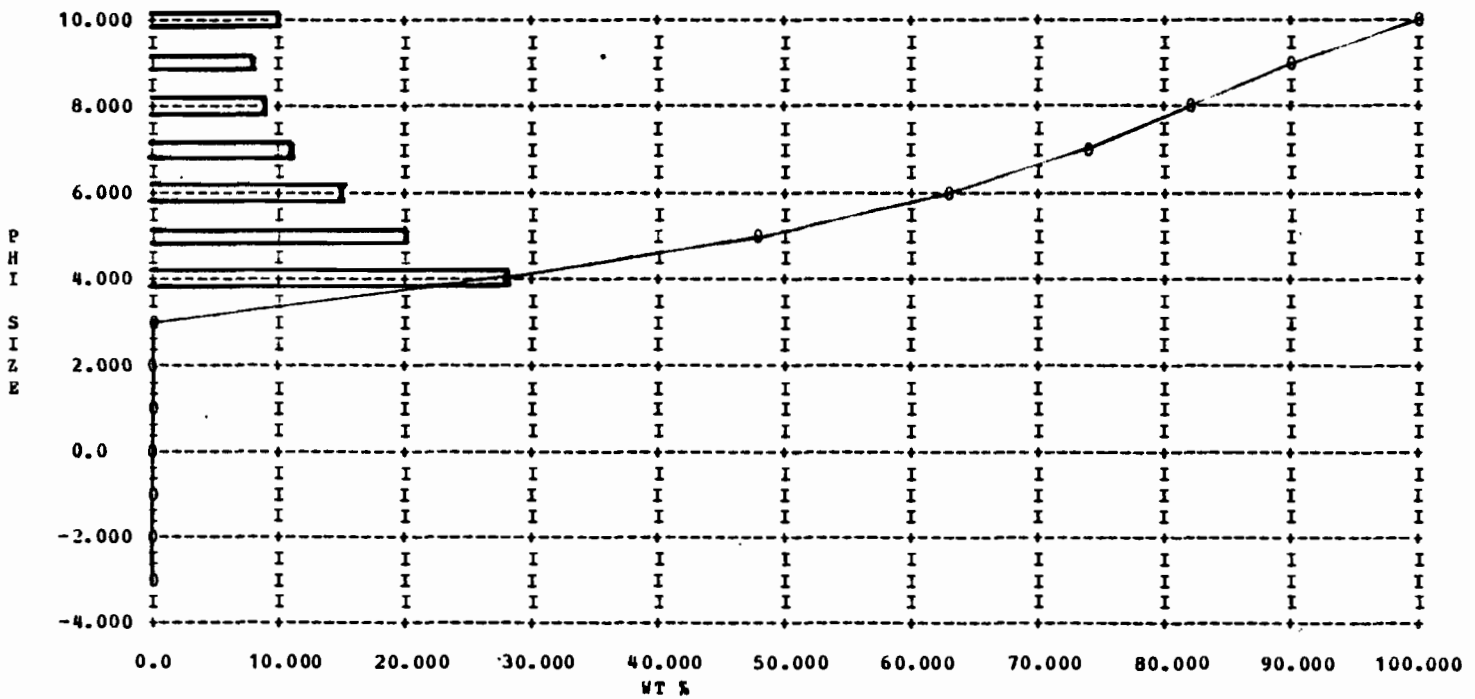
SAMPLE NO. SGB 46C2-3 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.653 VARIANCE = 0.40805E+01 STANDARD DEVIATION = 2.020
SKEWNESS = 0.306 KURTOSIS = -0.905 THIRD MOMENT = 0.50440E+01 FOURTH MOMENT = 0.34886E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.734 SORTING = 1.910 SKEWNESS = 0.444 KURTOSIS = 0.702

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.042 SIGMA PHI = 2.166 SKEWNESS = 0.419
KG (INMAN)= 0.260 ALPHA TWO PHI = 0.591



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

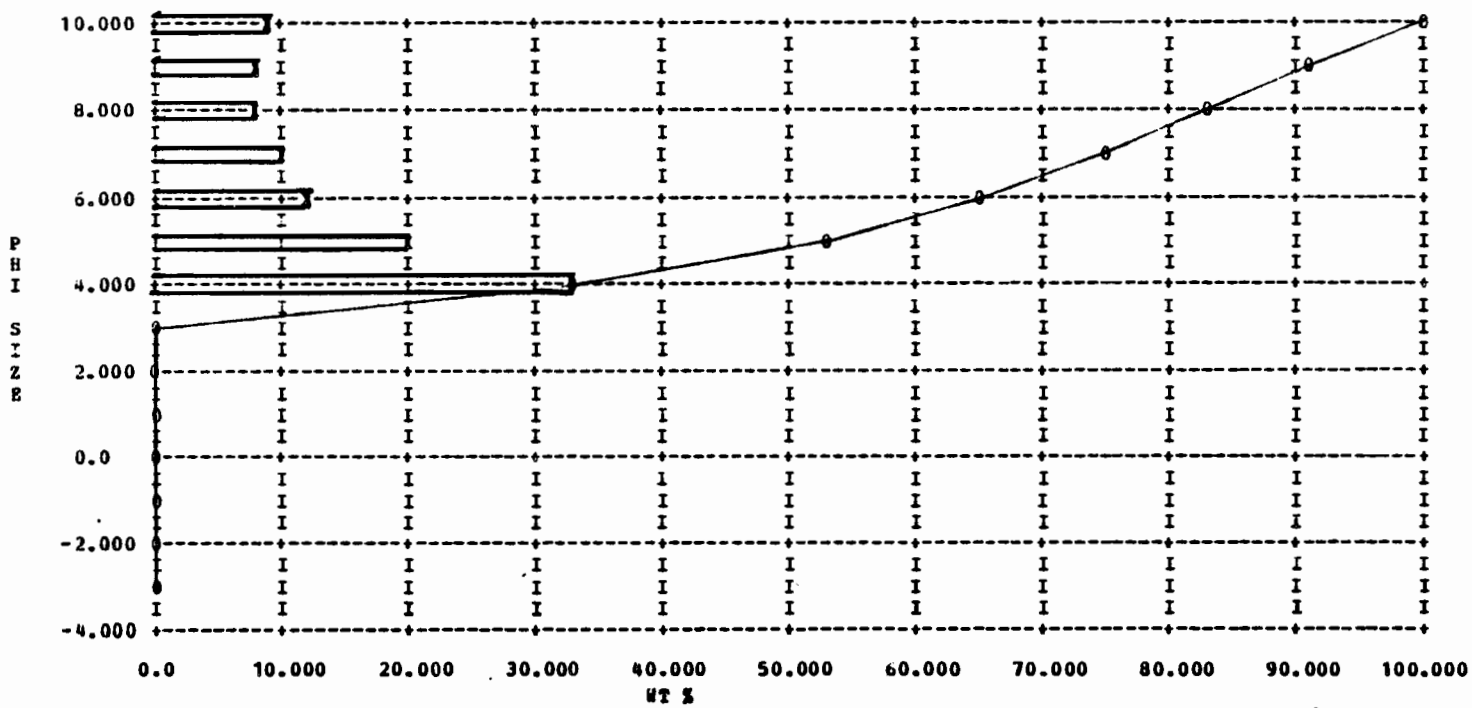
SAMPLE NO. SGB 46C3-4 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.502 VARIANCE = 0.41233E+01 STANDARD DEVIATION = 2.031
SKEWNESS = 0.345 KURTOSIS = -0.864 THIRD MOMENT = 0.57823E+01 FOURTH MOMENT = 0.36312E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.597 SORTING = 1.896 SKEWNESS = 0.548 KURTOSIS = 0.720

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.980 SIGMA PHI = 2.138 SKEWNESS = 0.530
KG (INMAN)= 0.276 ALPHA TWO PHI = 0.721



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 46C4-5 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.349 VARIANCE = 0.39958E+01 STANDARD DEVIATION = 1.999
SKEWNESS = 0.385 KURTOSIS = -0.741 THIRD MOMENT = 0.61461E+01 FOURTH MOMENT = 0.36068E+02

CALCULATION OF FOLKS STATISTICS

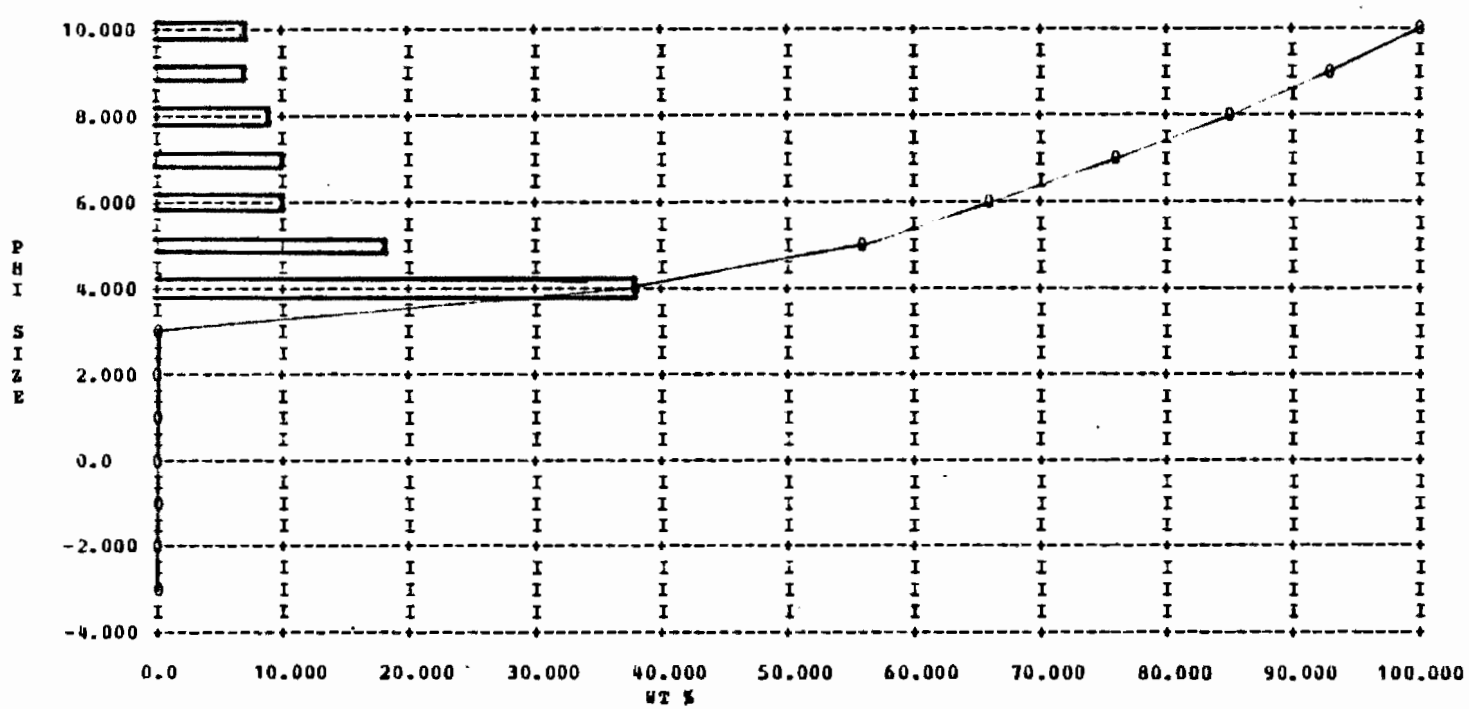
MZ = 5.431 SORTING = 1.834 SKEWNESS = 0.605 KURTOSIS = 0.756

FOLKS TEXTURAL DESCRIPTION

SANDY SILT
POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 5.828 SIGMA PHI = 2.016 SKEWNESS = 0.583
KG (INMAN)= 0.351 ALPHA TWO PHI = 0.846



I = FRACTION PERCENT O = CUMULATIVE PERCENT

TABLE 7A (continued)

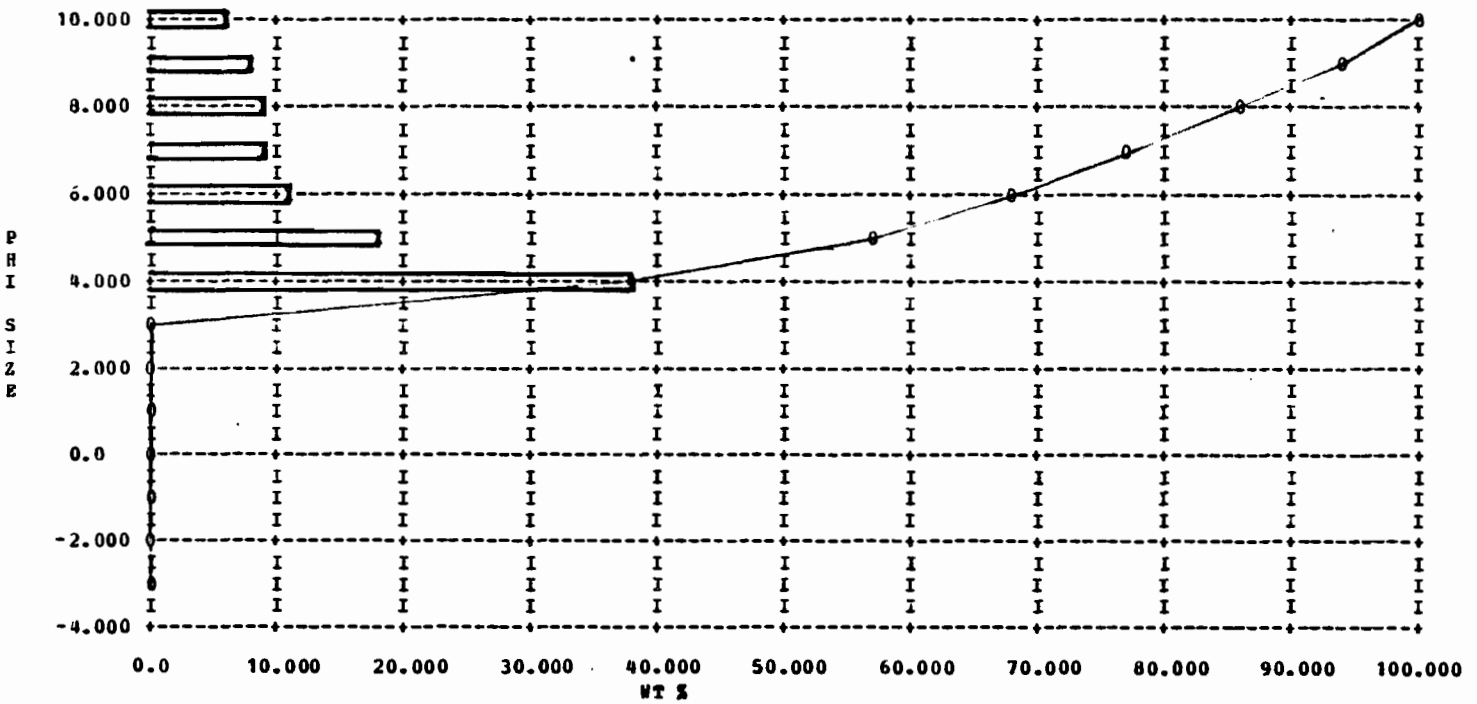
SAMPLE NO. SGB 46C5-6 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.289 VARIANCE = 0.37855E+01 STANDARD DEVIATION = 1.946
SKEWNESS = 0.398 KURTOSIS = -0.675 THIRD MOMENT = 0.58659E+01 FOURTH MOMENT = 0.33312E+02

CALCULATION OF FOLKS STATISTICS
M2 = 5.385 SORTING = 1.799 SKEWNESS = 0.609 KURTOSIS = 0.782

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.773 SIGMA PHI = 1.963 SKEWNESS = 0.585
KG (INMAN)= 0.375 ALPHA TWO PHI = 0.871



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

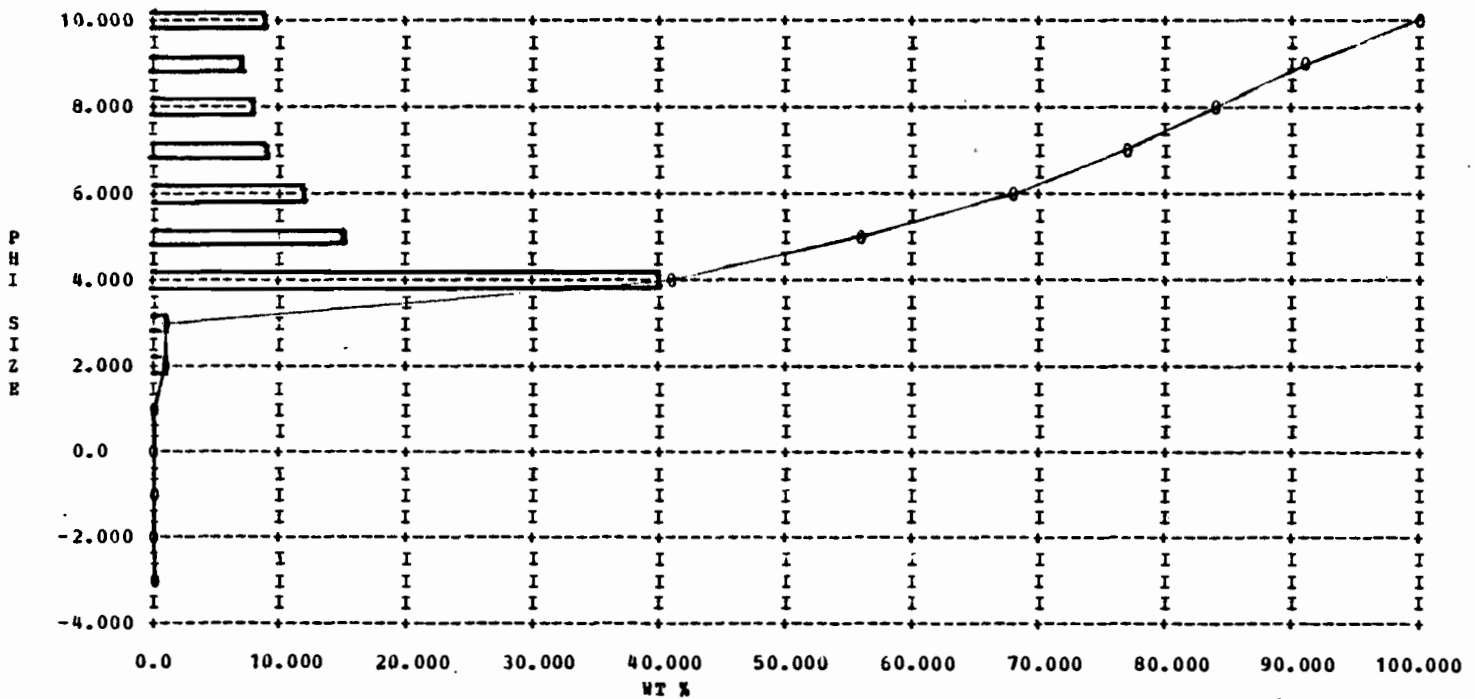
SAMPLE NO. SGB 46C6-7 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.302 VARIANCE = 0.43339E+01 STANDARD DEVIATION = 2.082
SKEWNESS = 0.383 KURTOSIS = -0.687 THIRD MOMENT = 0.69142E+01 FOURTH MOMENT = 0.43442E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.376 SORTING = 1.970 SKEWNESS = 0.561 KURTOSIS = 0.791

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.788 SIGMA PHI = 2.174 SKEWNESS = 0.561
KG (INMAN)= 0.341 ALPHA TWO PHI = 0.754



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 46C7-8 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.422 VARIANCE = 0.43970E+01 STANDARD DEVIATION = 2.097
SKEWNESS = 0.378 KURTOSIS = -0.811 THIRD MOMENT = 0.69727E+01 FOURTH MOMENT = 0.42324E+02

CALCULATION OF FOLKS STATISTICS

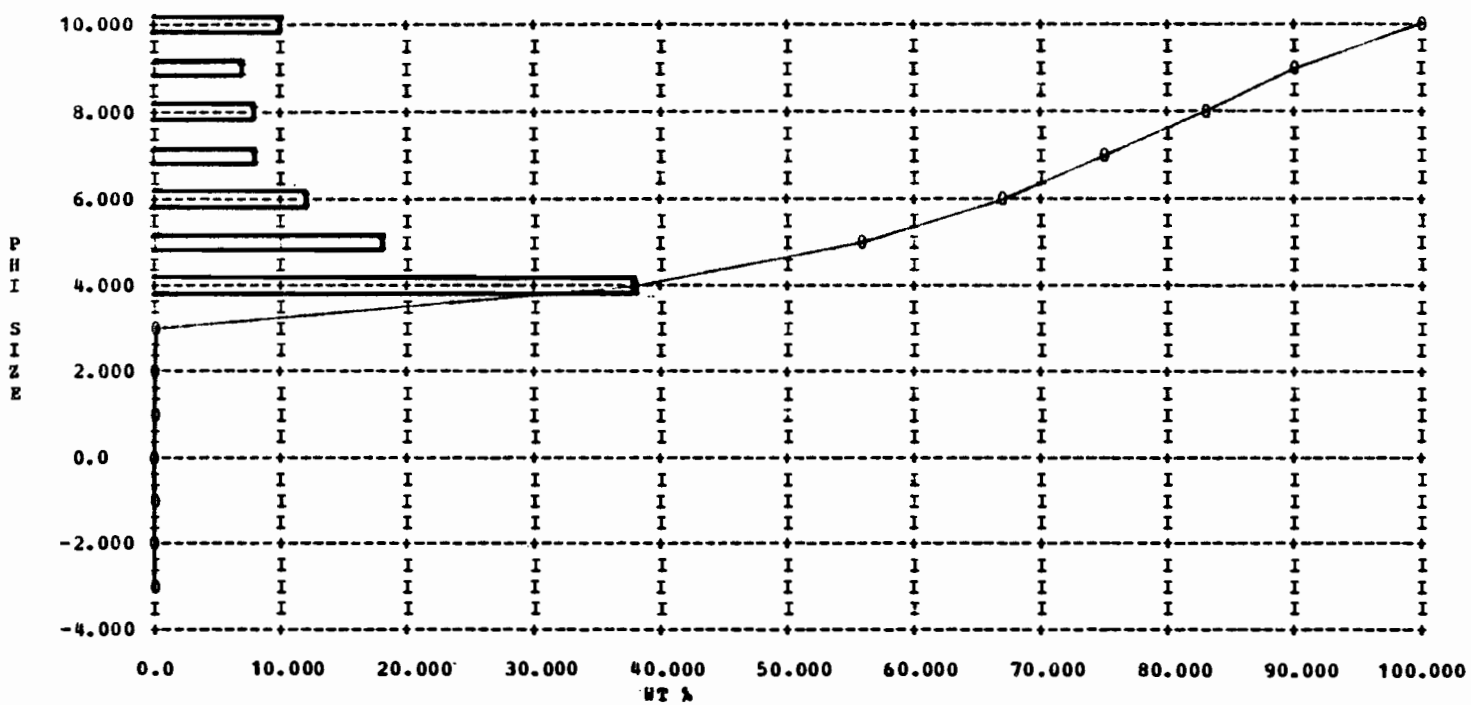
MZ = 5.522 SORTING = 1.975 SKEWNESS = 0.566 KURTOSIS = 0.731

FOLKS TEXTURAL DESCRIPTION

SANDY SILT
POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 5.947 SIGMA PHI = 2.226 SKEWNESS = 0.565
KG (INMAN)= 0.278 ALPHA TWO PHI = 0.725



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

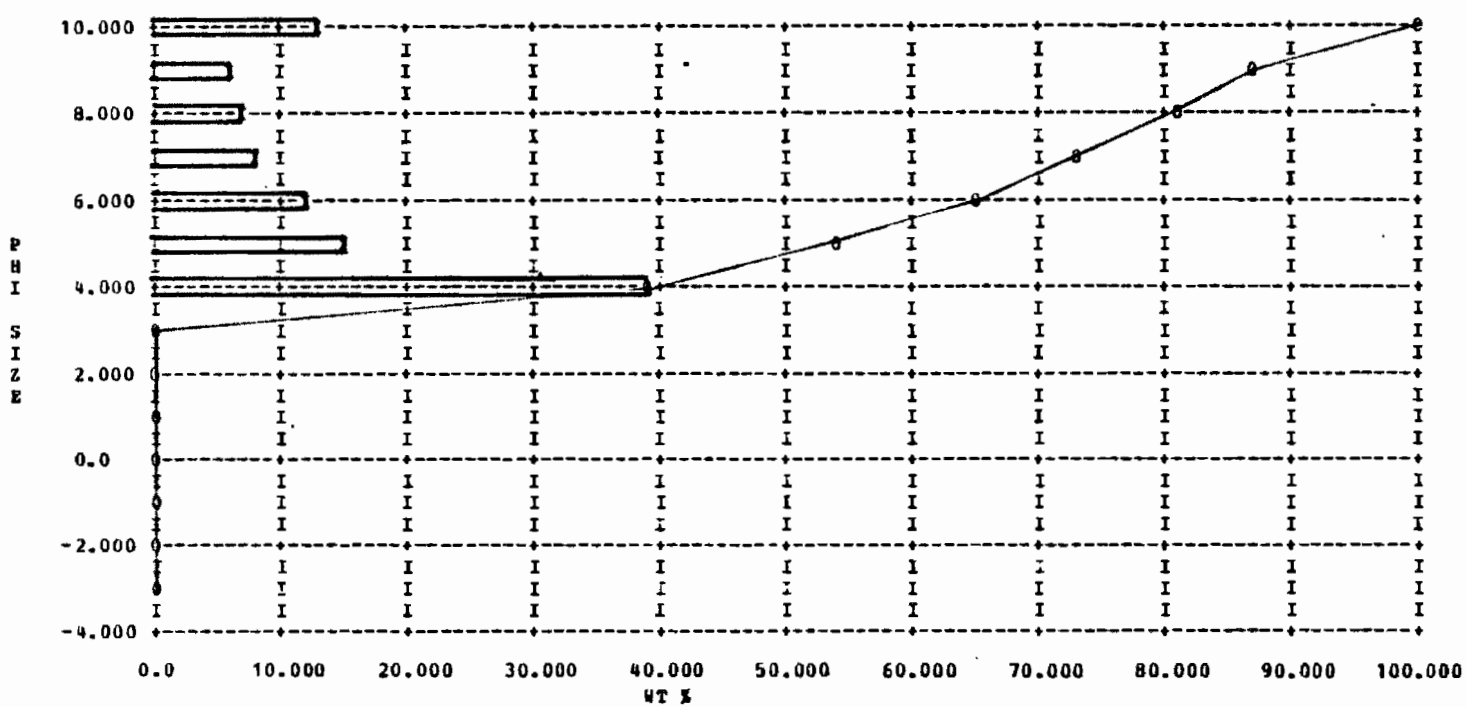
SAMPLE NO. SGB 46C8-9 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.506 VARIANCE = 0.47446E+01 STANDARD DEVIATION = 2.178
SKEWNESS = 0.353 KURTOSIS = -0.943 THIRD MOMENT = 0.72947E+01 FOURTH MOMENT = 0.46301E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.649 SORTING = 2.060 SKEWNESS = 0.563 KURTOSIS = 0.698

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.109 SIGMA PHI = 2.386 SKEWNESS = 0.572
KG (INMAN)= 0.199 ALPHA TWO PHI = 0.664



X = FRACTION PERCENT O = CUMULATIVE PERCENT

TABLE 7A (continued)

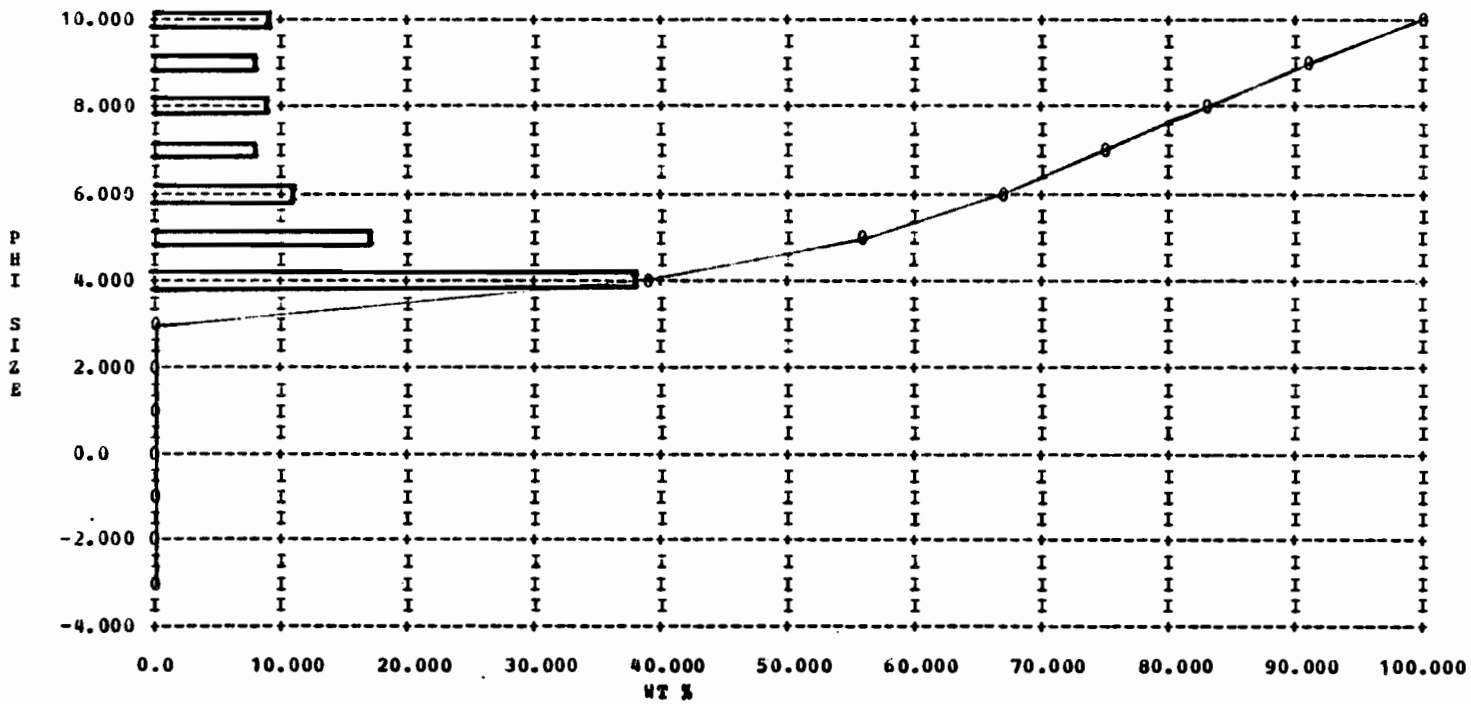
SAMPLE NO. SGB 46C9-10 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.395 VARIANCE = 0.43157E+01 STANDARD DEVIATION = 2.077
SKEWNESS = 0.366 KURTOSIS = -0.823 THIRD MOMENT = 0.65678E+01 FOURTH MOMENT = 0.40548E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.475 SORTING = 1.958 SKEWNESS = 0.560 KURTOSIS = 0.729

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.888 SIGMA PHI = 2.189 SKEWNESS = 0.557
KG (INMAN) = 0.302 ALPHA TWO PHI = 0.733



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

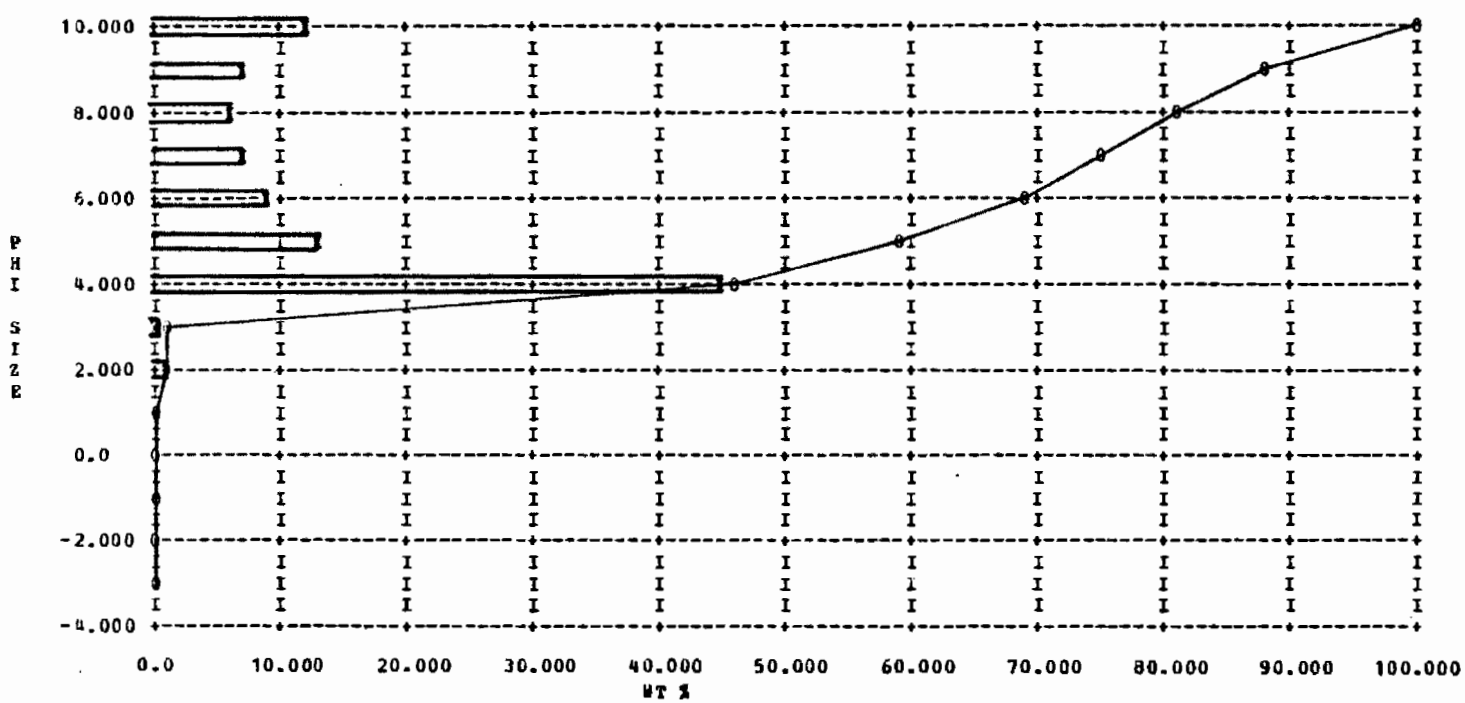
SAMPLE NO. SGB 46C10-11 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.299 VARIANCE = 0.48275E+01 STANDARD DEVIATION = 2.197
SKEWNESS = 0.408 KURTOSIS = -0.779 THIRD MOMENT = 0.86626E+01 FOURTH MOMENT = 0.51751E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.413 SORTING = 2.072 SKEWNESS = 0.683 KURTOSIS = 0.750

FOLKS TEXTURAL DESCRIPTION
SANDY MUD
VERY POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.974 SIGMA PHI = 2.370 SKEWNESS = 0.704
KG (INMAN)= 0.236 ALPHA TWO PHI = 0.818



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

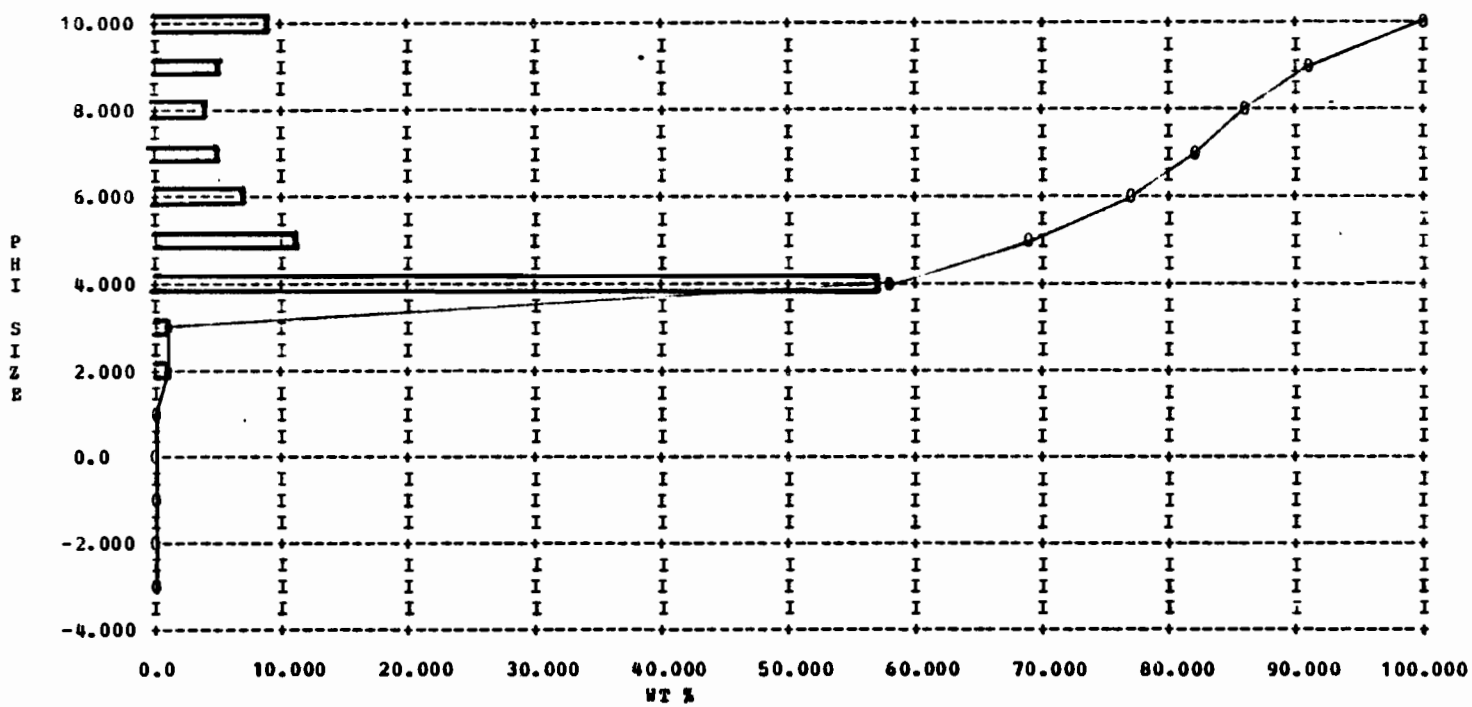
SAMPLE NO. SGB 46C11-12 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.846 VARIANCE = 0.41939E+01 STANDARD DEVIATION = 2.048
SKEWNESS = 0.625 KURTOSIS = 0.160 THIRD MOMENT = 0.10738E+02 FOURTH MOMENT = 0.55586E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.967 SORTING = 1.875 SKEWNESS = 0.789 KURTOSIS = 1.146

FOLKS TEXTURAL DESCRIPTION
MUDDY SAND
POORLY SORTED
LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 5.501 SIGMA PHI = 1.978 SKEWNESS = 0.801
KG (INMAN)= 0.479 ALPHA TWO PHI = 1.150



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 46C12-13 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 4.431 VARIANCE = 0.33164E+01 STANDARD DEVIATION = 1.821
SKEWNESS = 0.816 KURTOSIS = 1.594 THIRD MOMENT = 0.98546E+01 FOURTH MOMENT = 0.50523E+02

CALCULATION OF FOLKS STATISTICS

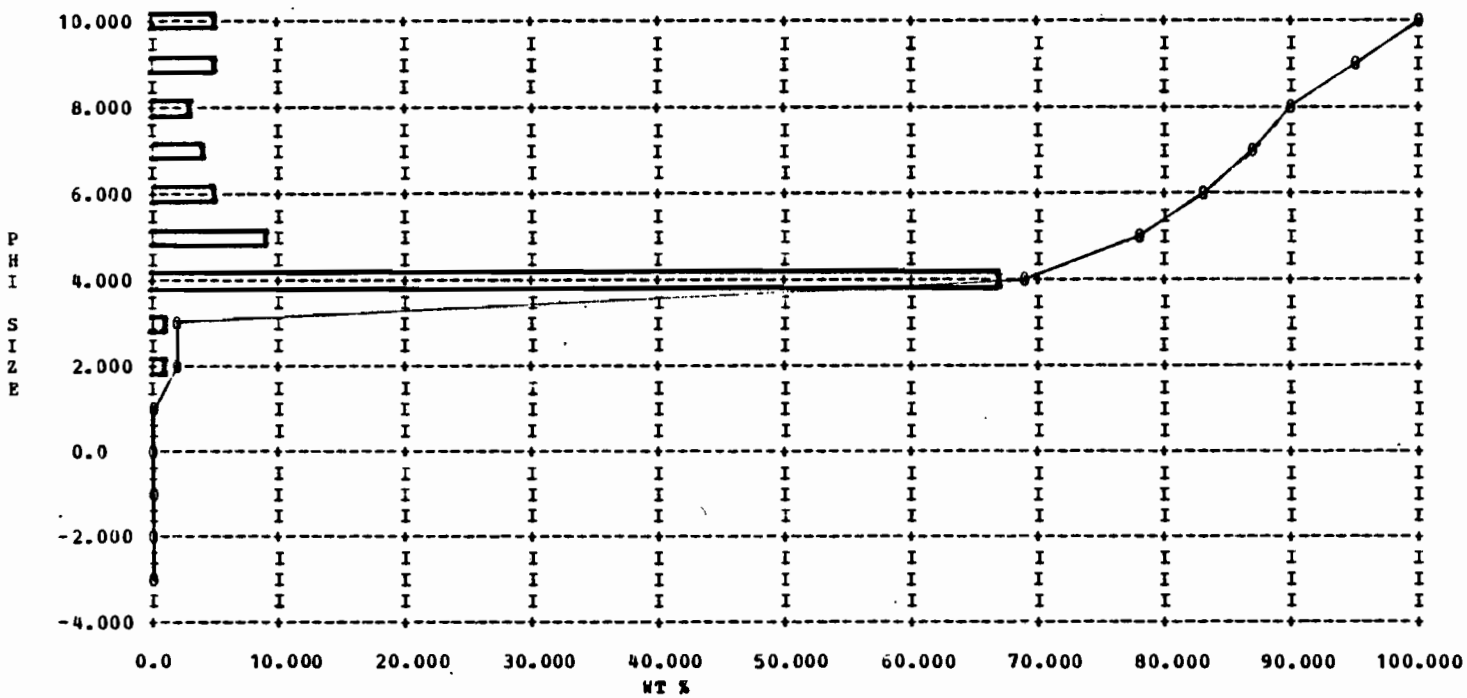
MZ = 4.452 SORTING = 1.574 SKEWNESS = 0.741 KURTOSIS = 2.112

FOLKS TEXTURAL DESCRIPTION

SILTY SAND
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 4.785 SIGMA PHI = 1.388 SKEWNESS = 0.711
KG (INMAN)= 1.092 ALPHA TWO PHI = 1.613



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

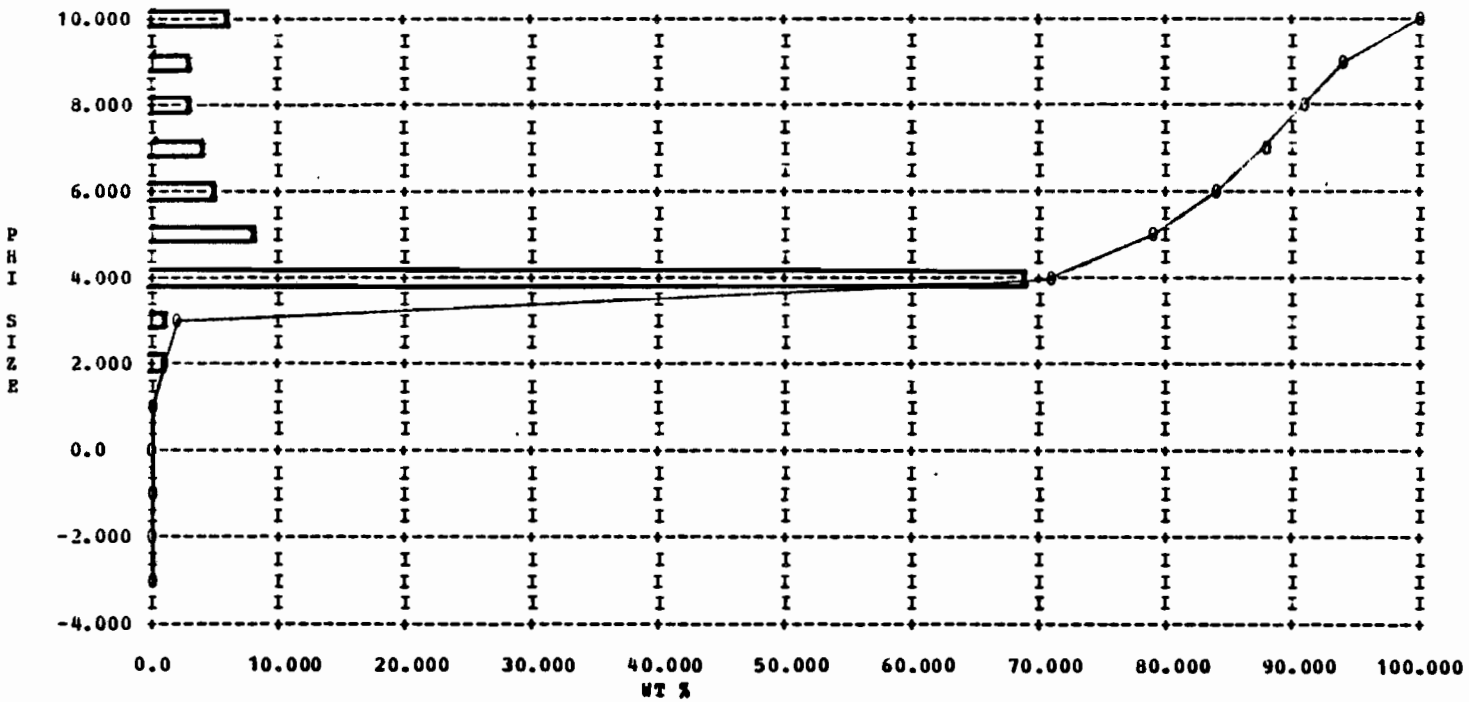
SAMPLE NO. SGB 46C13-14 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.398 VARIANCE = 0.33548E+01 STANDARD DEVIATION = 1.832
SKEWNESS = 0.870 KURTOSIS = 1.928 THIRD MOMENT = 0.10694E+02 FOURTH MOMENT = 0.55459E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.391 SORTING = 1.554 SKEWNESS = 0.740 KURTOSIS = 2.558

FOLKS TEXTURAL DESCRIPTION
SILTY SAND
POORLY SORTED
VERY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 4.703 SIGMA PHI = 1.317 SKEWNESS = 0.701
KG (INMAN)= 1.244 ALPHA TWO PHI = 1.749



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

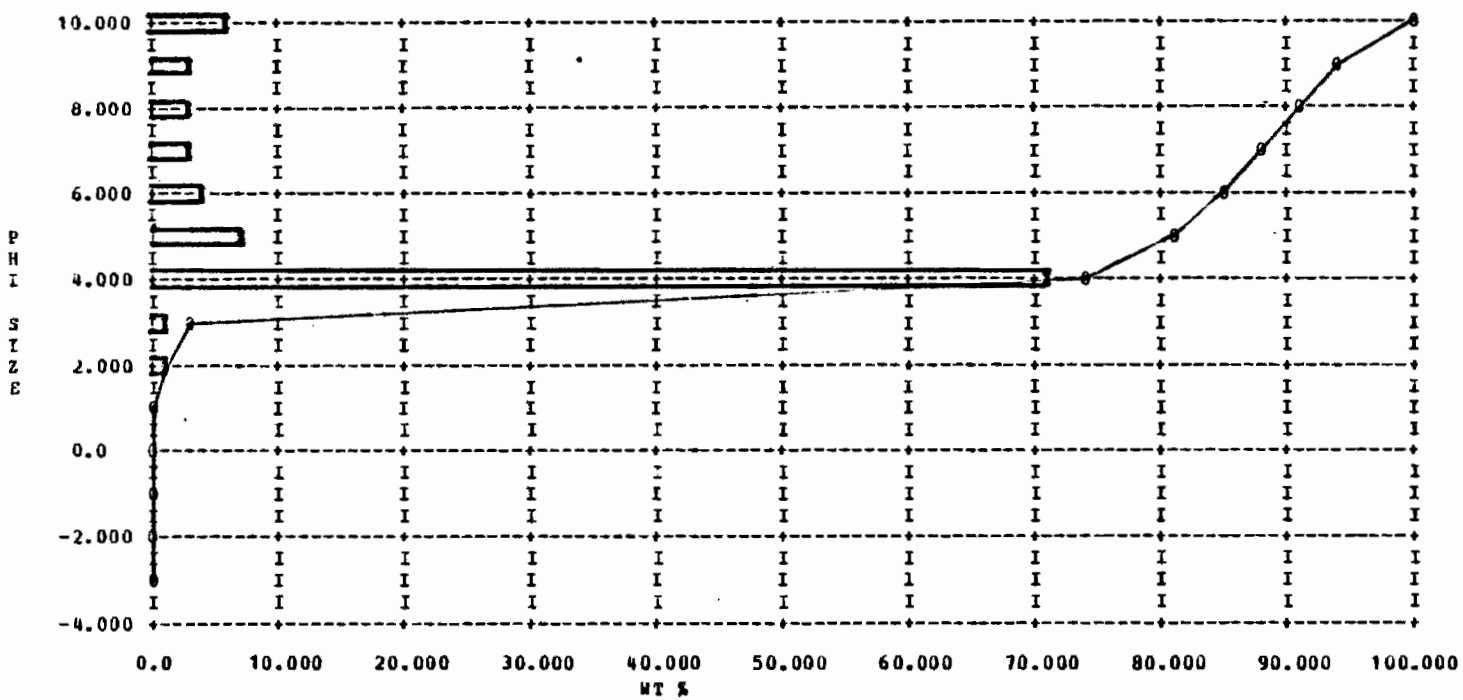
SAMPLE NO. SGB 46C14-15 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 4.316 VARIANCE = 0.31797E+01 STANDARD DEVIATION = 1.783
SKEWNESS = 0.942 KURTOSIS = 2.502 THIRD MOMENT = 0.10677E+02 FOURTH MOMENT = 0.55630E+02

CALCULATION OF FOLKS STATISTICS
MZ = 4.250 SORTING = 1.461 SKEWNESS = 0.723 KURTOSIS = 3.664

FOLKS TEXTURAL DESCRIPTION
SILTY SAND
POORLY SORTED
EXTREMELY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 4.503 SIGMA PHI = 1.132 SKEWNESS = 0.661
KG (INMAN)= 1.610 ALPHA TWO PHI = 2.050



X = FRACTION PERCENT O = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 46C15-16 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 4.260 VARIANCE = 0.34172E+01 STANDARD DEVIATION = 1.849
SKEWNESS = 0.910 KURTOSIS = 2.482 THIRD MOMENT = 0.11500E+02 FOURTH MOMENT = 0.64014E+02

CALCULATION OF FOLKS STATISTICS

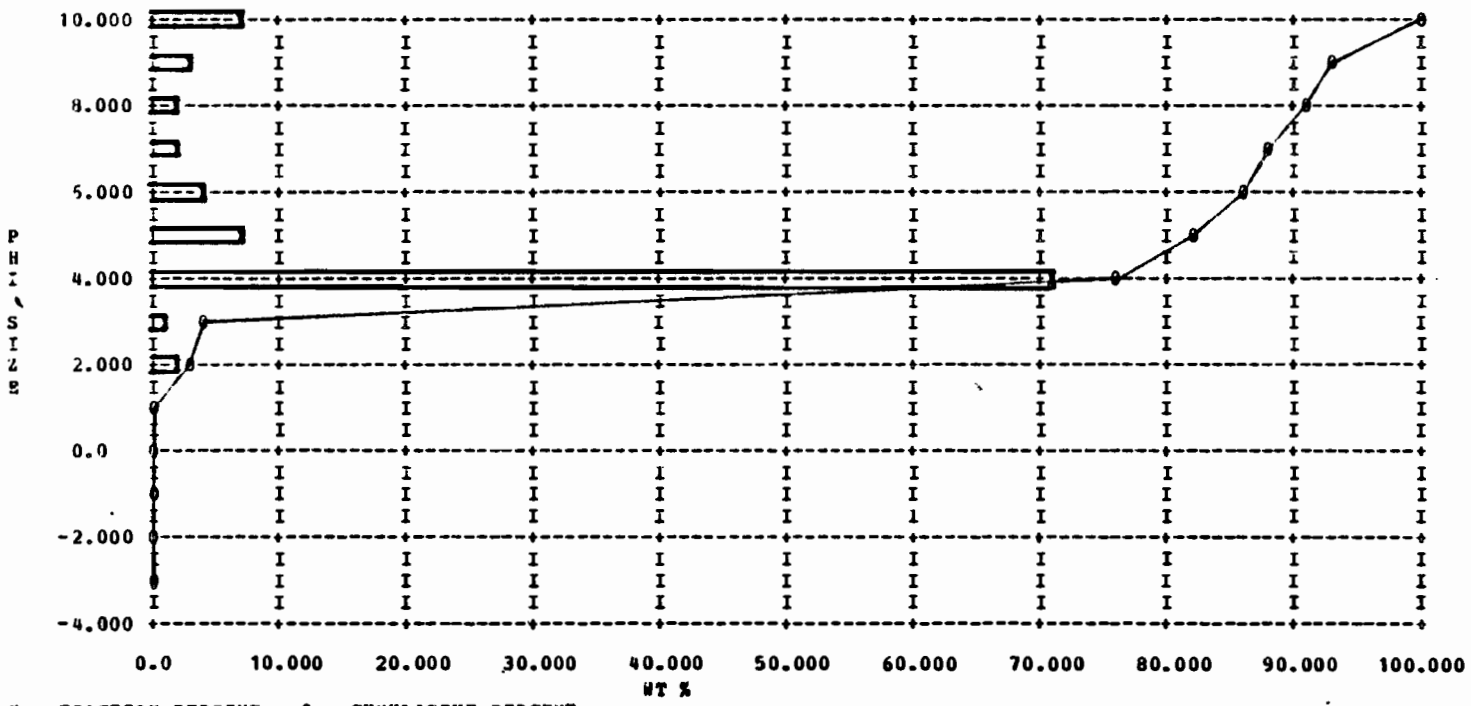
MZ = 4.146 SORTING = 1.448 SKEWNESS = 0.694 KURTOSIS = 4.414

FOLKS TEXTURAL DESCRIPTION

MUDDY SAND
POORLY SORTED
EXTREMELY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 4.369 SIGMA PHI = 1.070 SKEWNESS = 0.614
KG (INMAN)= 1.816 ALPHA TWO PHI = 2.179



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 46C16-18 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 3.882 VARIANCE = 0.22713E+01 STANDARD DEVIATION = 1.507
SKEWNESS = 1.125 KURTOSIS = 5.936 THIRD MOMENT = 0.77003E+01 FOURTH MOMENT = 0.46102E+02

CALCULATION OF FOLKS STATISTICS

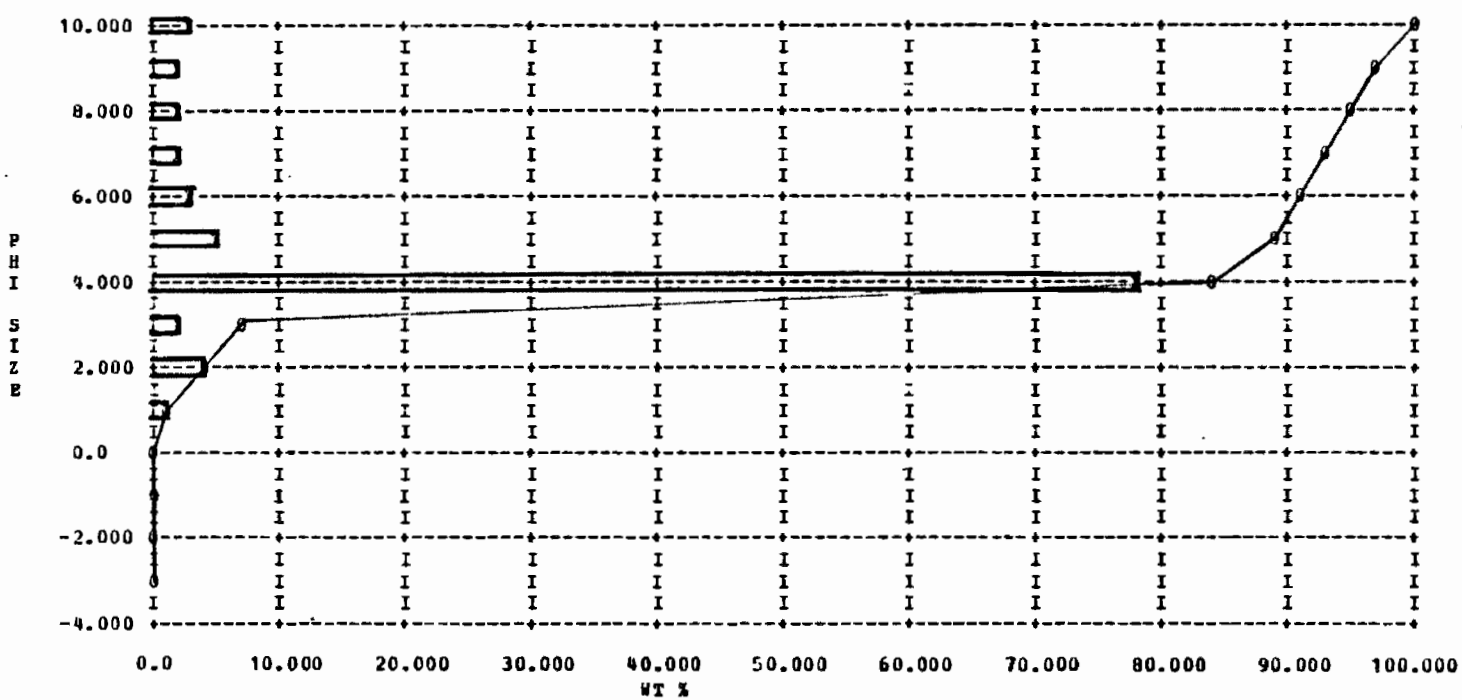
M2 = 3.596 SORTING = 1.055 SKEWNESS = 0.265 KURTOSIS = 4.318

FOLKS TEXTURAL DESCRIPTION

SILTY SAND
POORLY SORTED
EXTREMELY LEPTOKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 3.600 SIGMA PHI = 0.396 SKEWNESS = -0.0
KG (INMAN)= 6.144 ALPHA TWO PHI = 3.790



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

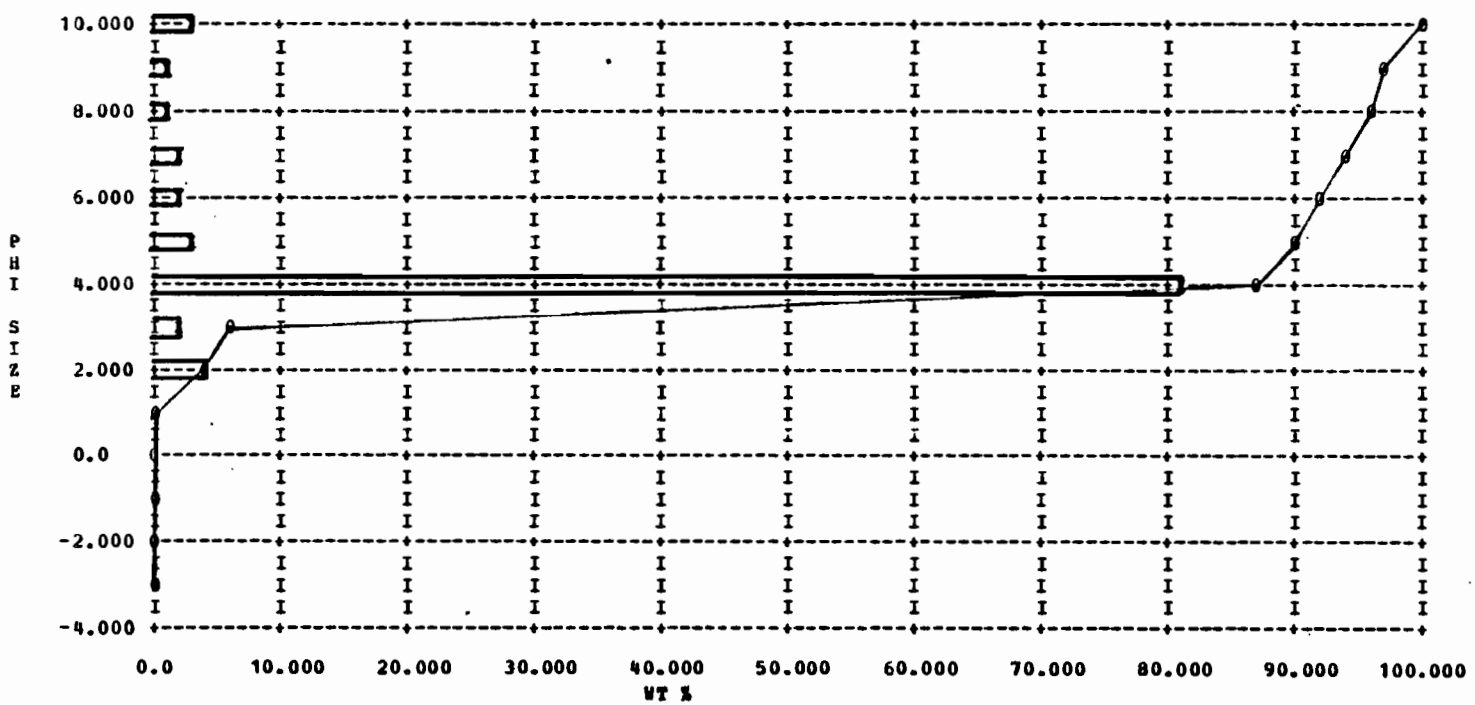
SAMPLE NO. SGB 46C18-20 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 3.828 VARIANCE = 0.20737E+01 STANDARD DEVIATION = 1.440
SKEWNESS = 1.271 KURTOSIS = 7.410 THIRD MOMENT = 0.75925E+01 FOURTH MOMENT = 0.44766E+02

CALCULATION OF FOLKS STATISTICS
MZ = 3.573 SORTING = 0.971 SKEWNESS = 0.279 KURTOSIS = 4.230

FOLKS TEXTURAL DESCRIPTION
MUDDY SAND
MODERATELY POORLY SORTED
EXTREMELY LEPTOKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 3.576 SIGMA PHI = 0.370 SKEWNESS = -0.000
KG (INMAN)= 5.999 ALPHA TWO PHI = 3.900



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

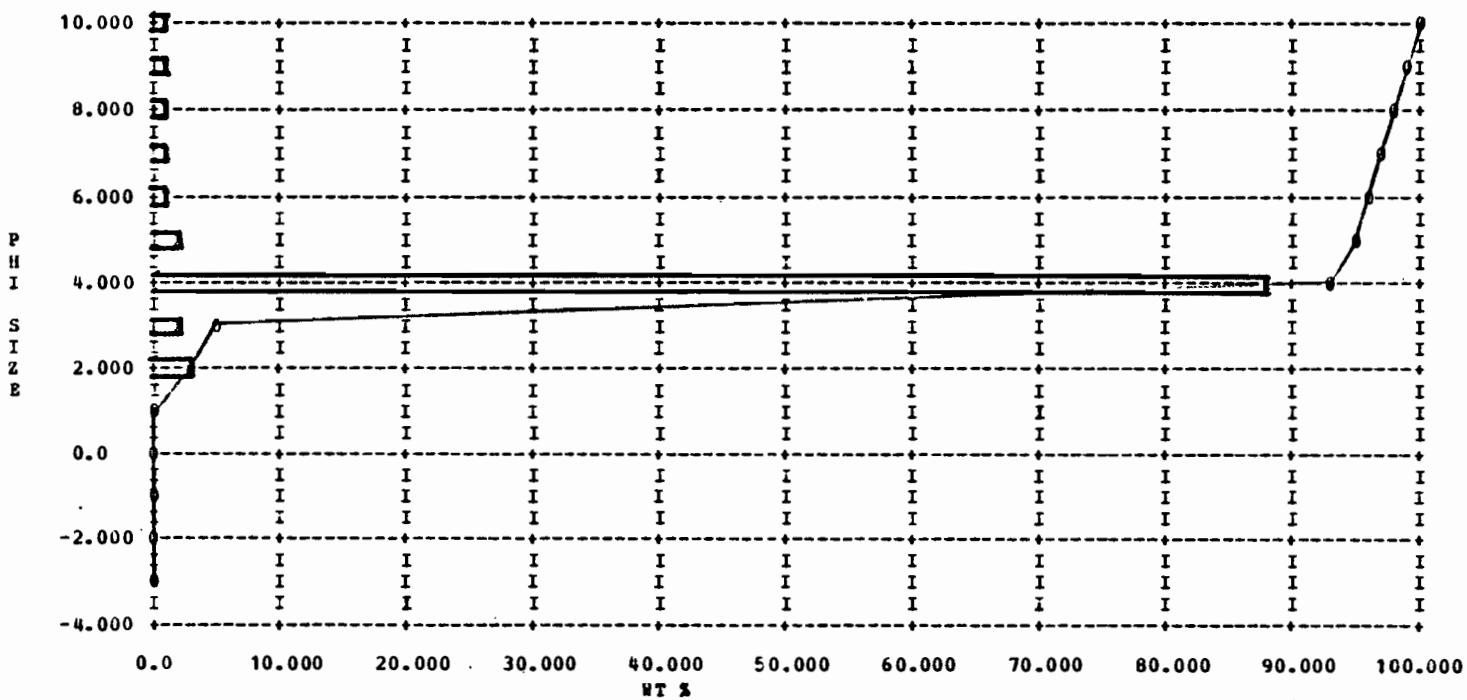
SAMPLE NO. SGB 46C20-22 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 3.620 VARIANCE = 0.98144E+00 STANDARD DEVIATION = 0.991
SKEWNESS = 1.515 KURTOSIS = 15.236 THIRD MOMENT = 0.29454E+01 FOURTH MOMENT = 0.17565E+02

CALCULATION OF FOLKS STATISTICS
MZ = 3.522 SORTING = 0.501 SKEWNESS = 0.246 KURTOSIS = 2.129

FOLKS TEXTURAL DESCRIPTION
SAND
MODERATELY SORTED
VERY LEPTOKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 3.526 SIGMA PHI = 0.320 SKEWNESS = -0.0
KG (INMAN)= 2.522 ALPHA TWO PHI = 1.731



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

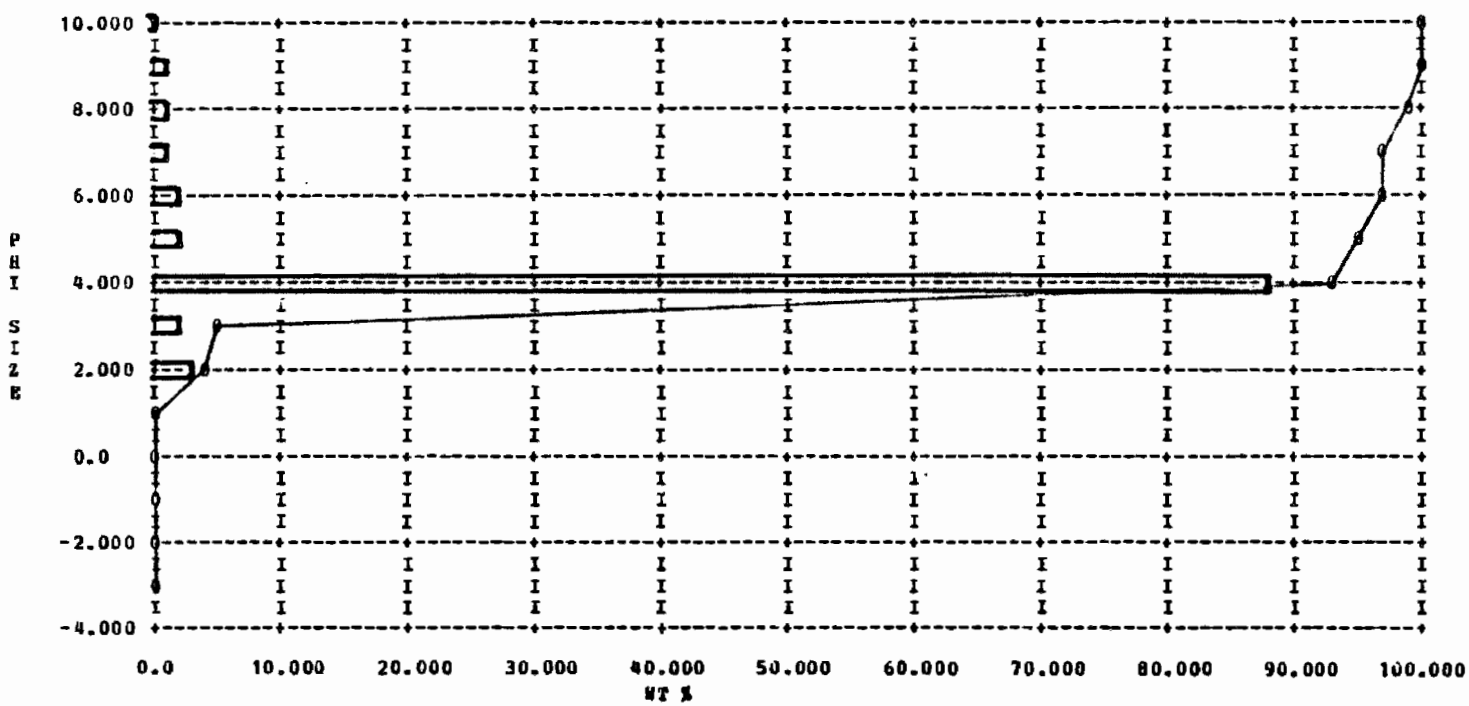
SAMPLE NO. SGB 46C22-24 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 3.588 VARIANCE = 0.83983E+00 STANDARD DEVIATION = 0.916
SKEWNESS = 1.323 KURTOSIS = 13.982 THIRD MOMENT = 0.20364E+01 FOURTH MOMENT = 0.11978E+02

CALCULATION OF FOLKS STATISTICS
MZ = 3.514 SORTING = 0.475 SKEWNESS = 0.143 KURTOSIS = 1.957

FOLKS TEXTURAL DESCRIPTION
SAND
MODERATELY SORTED
VERY LEPTOKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 3.518 SIGMA PHI = 0.321 SKEWNESS = -0.000
KG (INMAN)= 2.238 ALPHA TWO PHI = 0.927



X = FRACTION PERCENT O = CUMULATIVE PERCENT

TABLE 7A (continued)

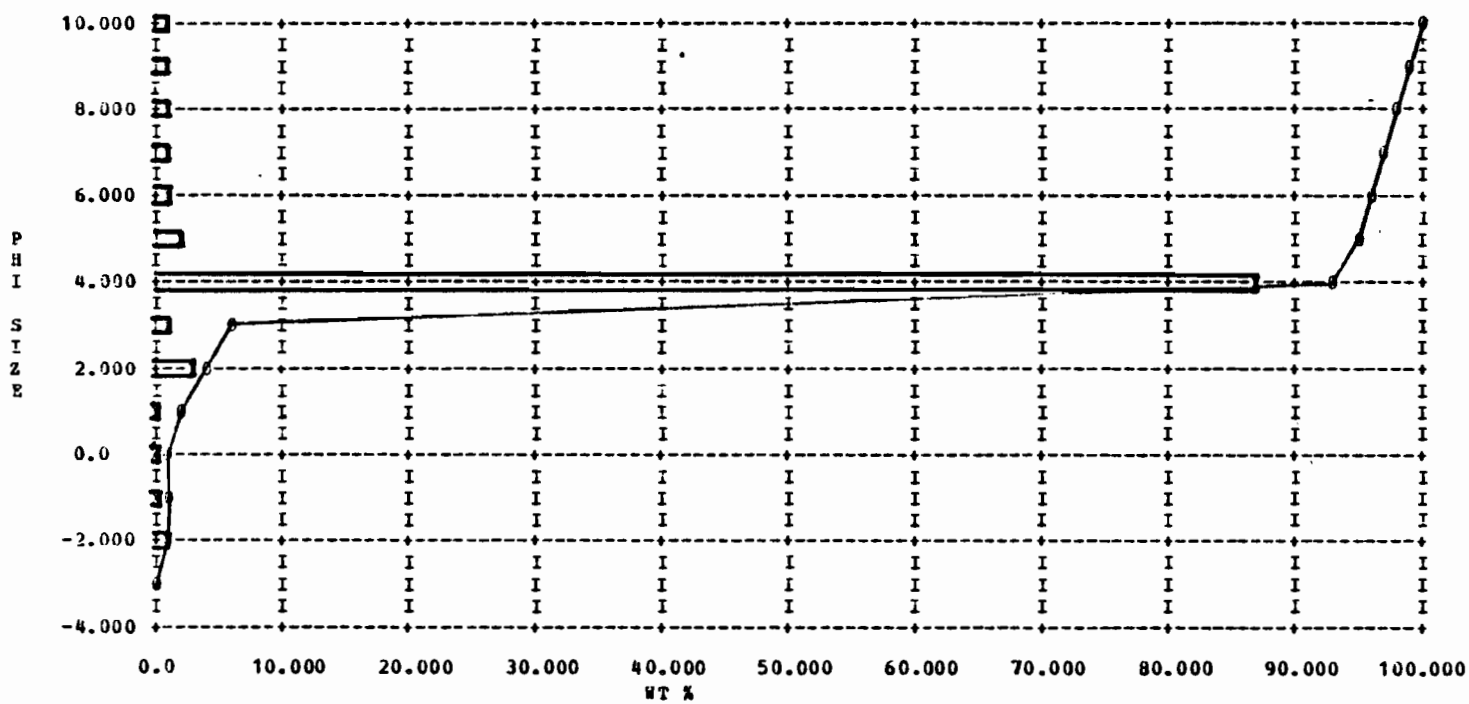
SAMPLE NO. SGB 46C24-26 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 3.581 VARIANCE = 0.16826E+01 STANDARD DEVIATION = 1.297
SKEWNESS = 0.299 KURTOSIS = 12.906 THIRD MOMENT = 0.13034E+01 FOURTH MOMENT = 0.45032E+02

CALCULATION OF FOLKS STATISTICS
MZ = 3.519 SORTING = 0.594 SKEWNESS = 0.144 KURTOSIS = 2.598

FOLKS TEXTURAL DESCRIPTION
SLIGHTLY GRAVELLY SAND
MODERATELY SORTED
VERY LEPTOKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 3.523 SIGMA PHI = 0.329 SKEWNESS = -0.000
KG (INMAN) = 3.299 ALPHA TWO PHI = 1.241



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

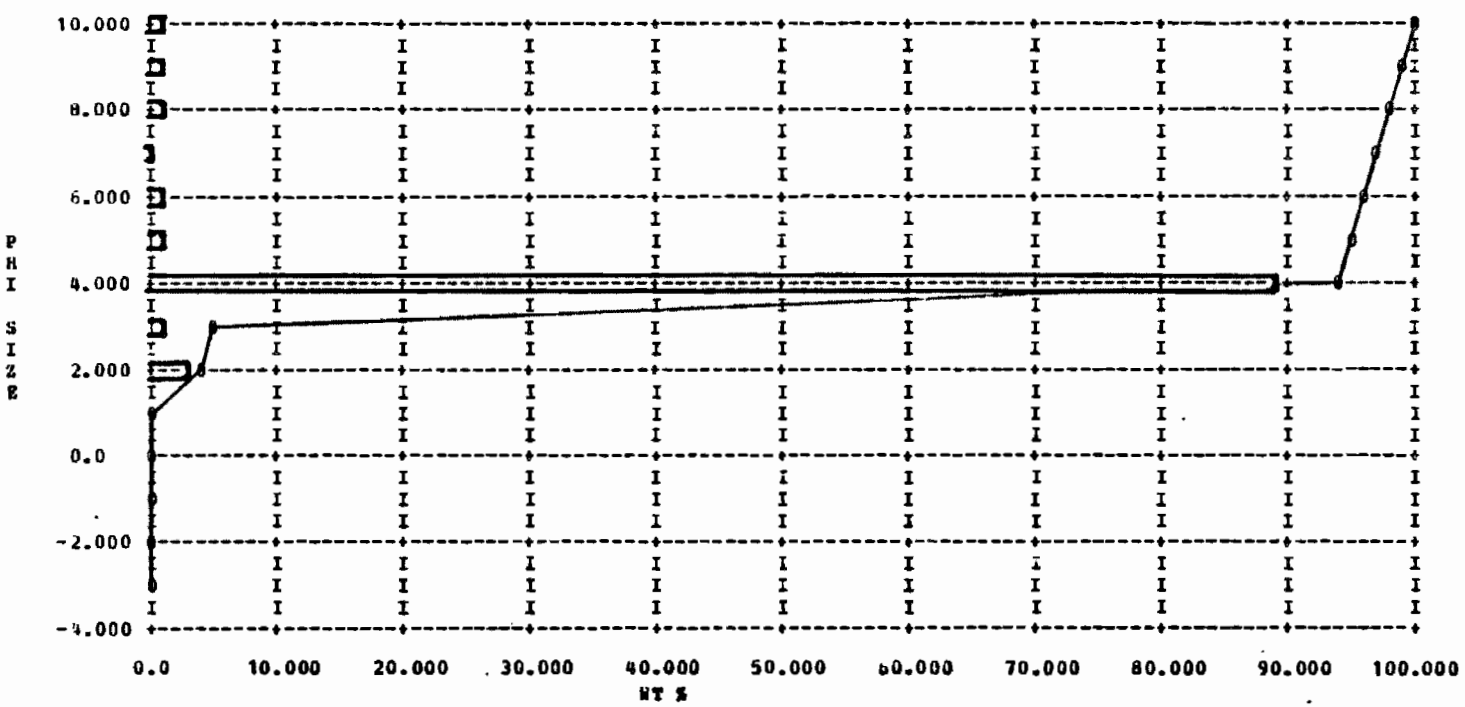
SAMPLE NO. SGB 46C26-28 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 3.625 VARIANCE = 0.11110E+01 STANDARD DEVIATION = 1.054
SKEWNESS = 1.667 KURTOSIS = 16.115 THIRD MOMENT = 0.39032E+01 FOURTH MOMENT = 0.23595E+02

CALCULATION OF FOLKS STATISTICS
M2 = 3.513 SORTING = 0.449 SKEWNESS = 0.233 KURTOSIS = 1.872

FOLKS TEXTURAL DESCRIPTION
SAND
MODERATELY SORTED
VERY LEPTOKURTIC
FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 3.517 SIGMA PHI = 0.312 SKEWNESS = -0.000
KG (INMAN)= 2.098 ALPHA TWO PHI = 1.444



I = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 46C28-30 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 4.012 VARIANCE = 0.23995E+01 STANDARD DEVIATION = 1.549
SKEWNESS = 1.050 KURTOSIS = 4.763 THIRD MOMENT = 0.78035E+01 FOURTH MOMENT = 0.44697E+02

CALCULATION OF FOLKS STATISTICS

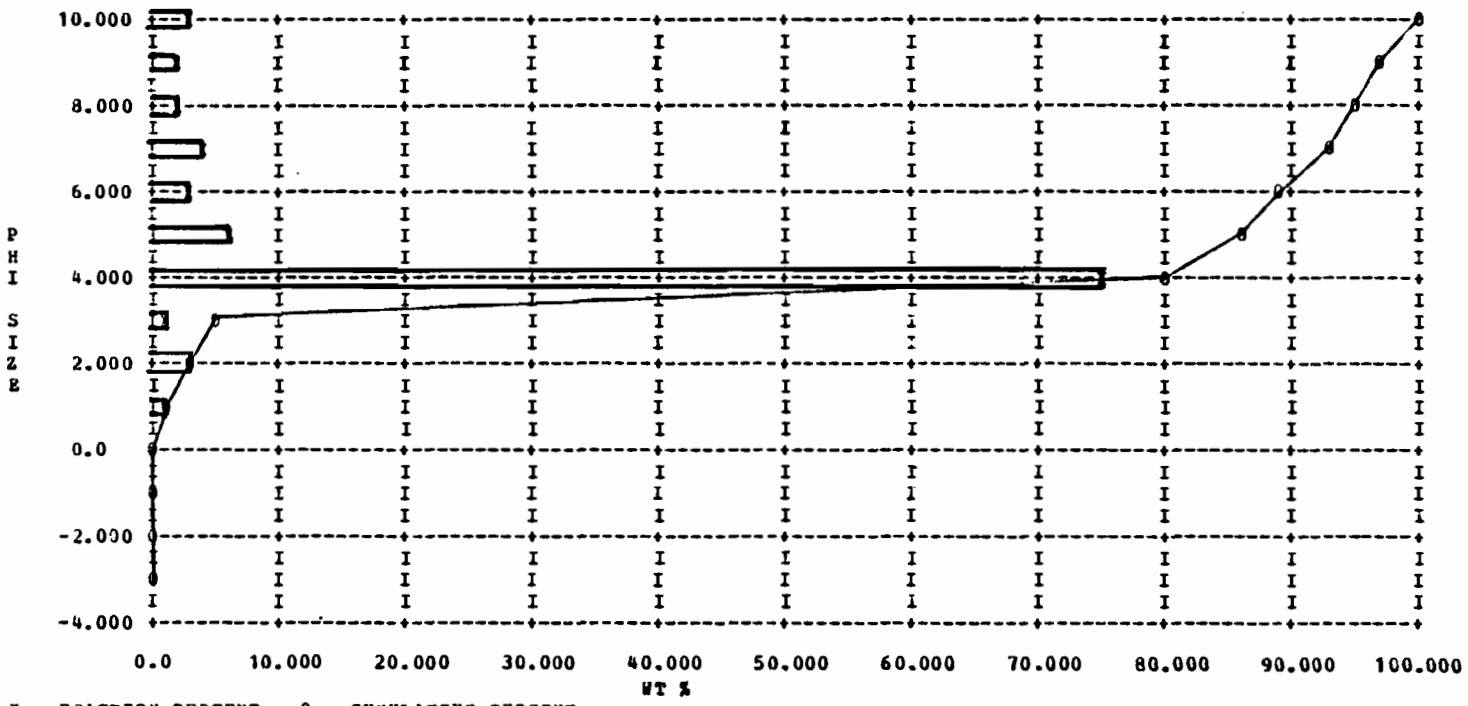
MZ = 3.853 SORTING = 1.109 SKEWNESS = 0.581 KURTOSIS = 3.820

FOLKS TEXTURAL DESCRIPTION

SILTY SAND
POORLY SORTED
EXTREMELY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 3.955 SIGMA PHI = 0.691 SKEWNESS = 0.423
KG (INMAN)= 2.647 ALPHA TWO PHI = 2.693



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

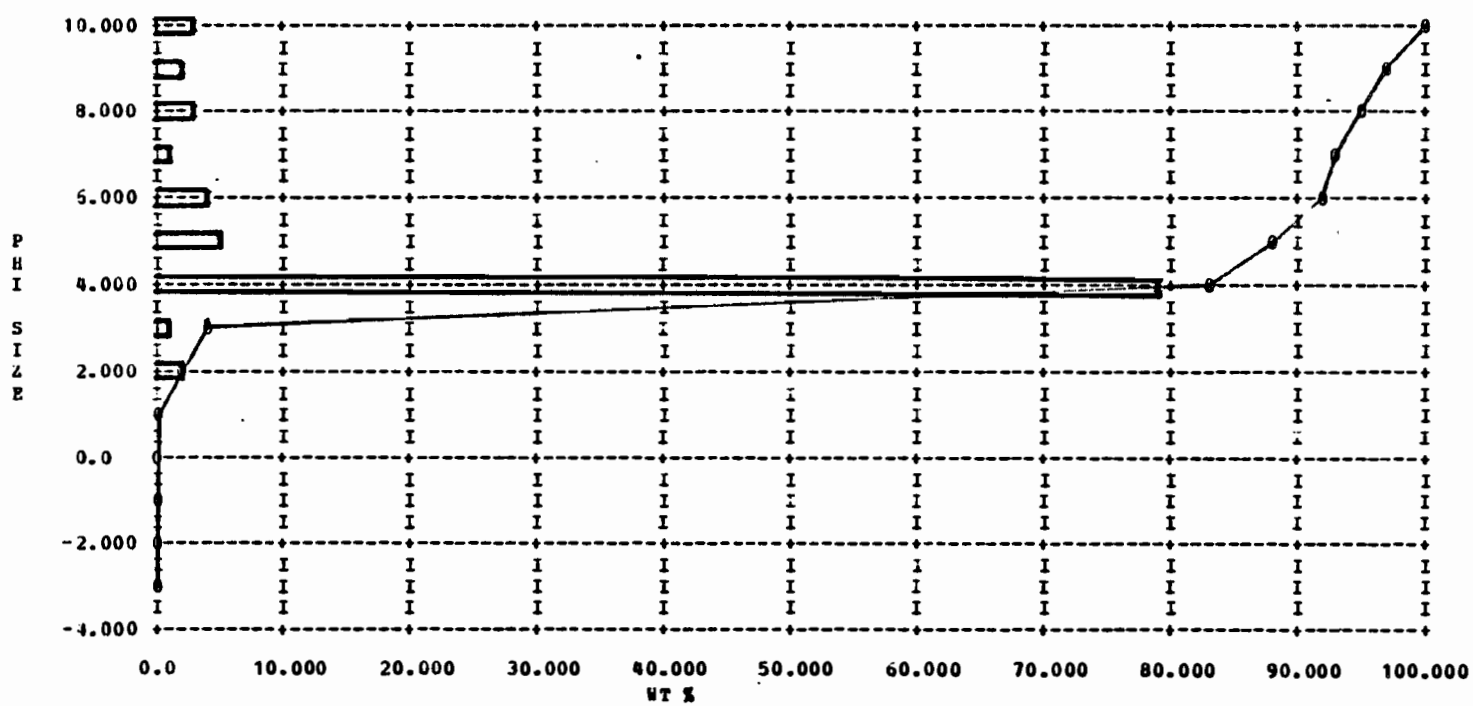
SAMPLE NO. SGB 46C30-35 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 3.956 VARIANCE = 0.20624E+01 STANDARD DEVIATION = 1.436
SKEWNESS = 1.208 KURTOSIS = 6.148 THIRD MOMENT = 0.71544E+01 FOURTH MOMENT = 0.38914E+02

CALCULATION OF FOLKS STATISTICS
MZ = 3.711 SORTING = 0.942 SKEWNESS = 0.474 KURTOSIS = 3.967

FOLKS TEXTURAL DESCRIPTION
SILTY SAND
MODERATELY POORLY SORTED
EXTREMELY LEPTOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 3.745 SIGMA PHI = 0.450 SKEWNESS = 0.200
KG (INMAN)= 4.251 ALPHA TWO PHI = 3.928



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

SAMPLE NO. SGB 46C35-40 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS

MEAN = 5.019 VARIANCE = 0.45994E+01 STANDARD DEVIATION = 2.145
SKEWNESS = 0.518 KURTOSIS = -0.187 THIRD MOMENT = 0.10229E+02 FOURTH MOMENT = 0.59512E+02

CALCULATION OF FOLKS STATISTICS

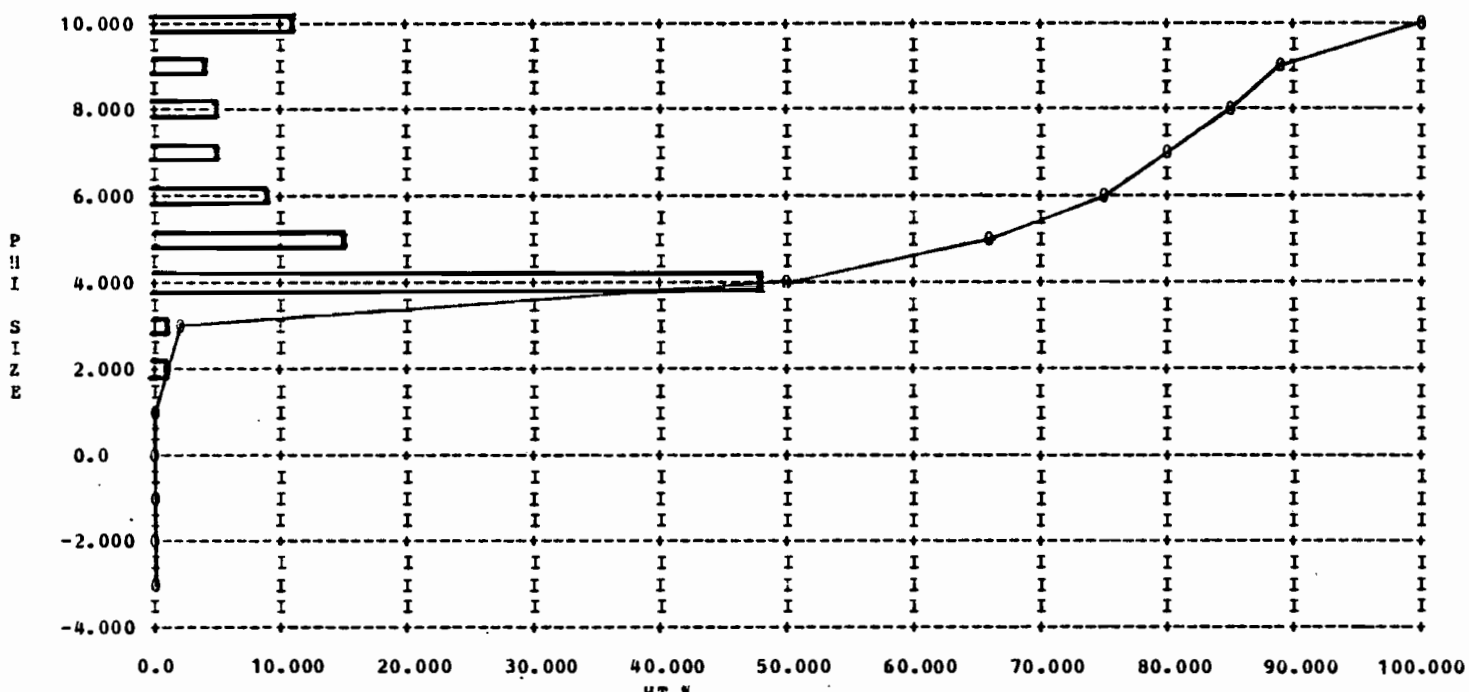
MZ = 5.107 SORTING = 2.000 SKEWNESS = 0.745 KURTOSIS = 1.035

FOLKS TEXTURAL DESCRIPTION

SILTY SAND
VERY POORLY SORTED
MESOKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS

M PHI = 5.671 SIGMA PHI = 2.181 SKEWNESS = 0.769
KG (INMAN)= 0.376 ALPHA TWO PHI = 0.994



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

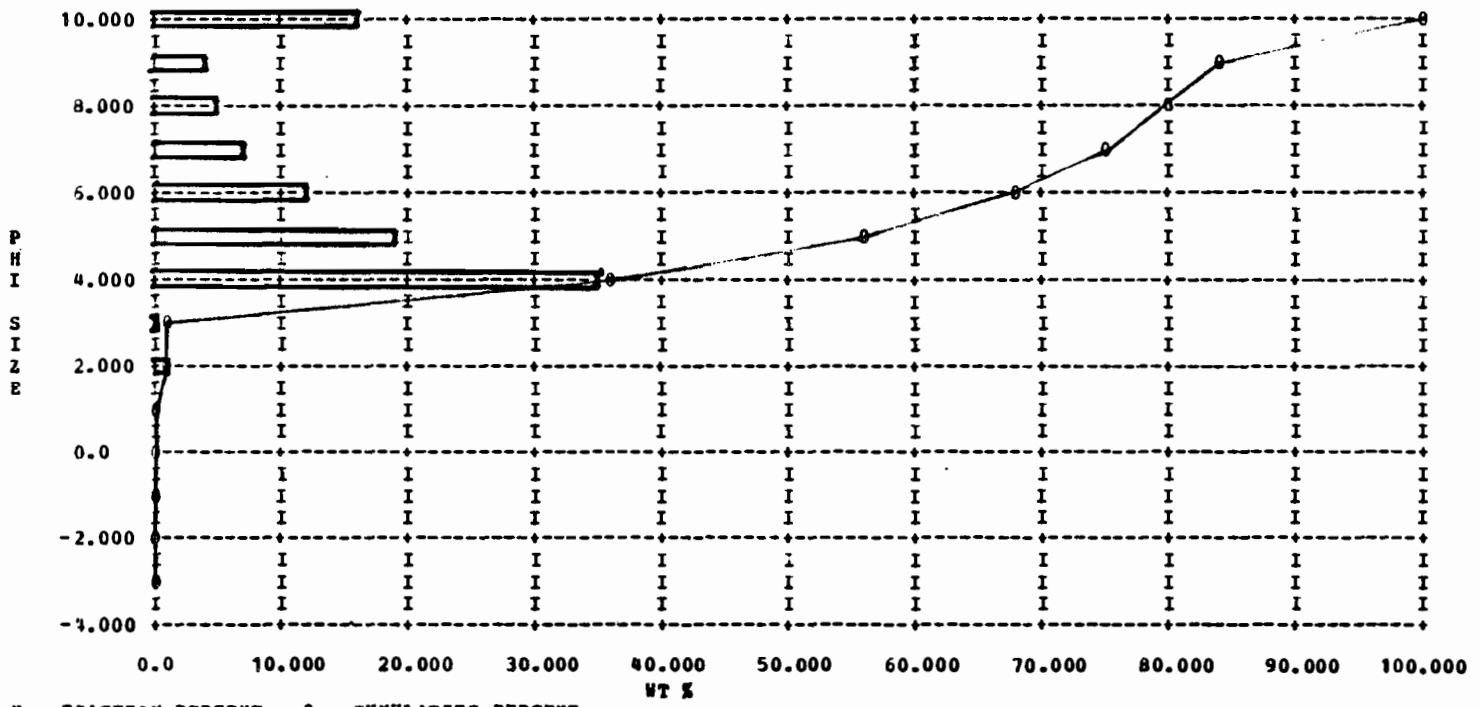
SAMPLE NO. SGB 46C40-45 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.502 VARIANCE = 0.49854E+01 STANDARD DEVIATION = 2.233
SKEWNESS = 0.370 KURTOSIS = -0.838 THIRD MOMENT = 0.82318E+01 FOURTH MOMENT = 0.53731E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.787 SORTING = 2.230 SKEWNESS = 0.564 KURTOSIS = 0.752

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.331 SIGMA PHI = 2.670 SKEWNESS = 0.604
KG (INMAN)= 0.107 ALPHA TWO PHI = 0.581



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 7A (continued)

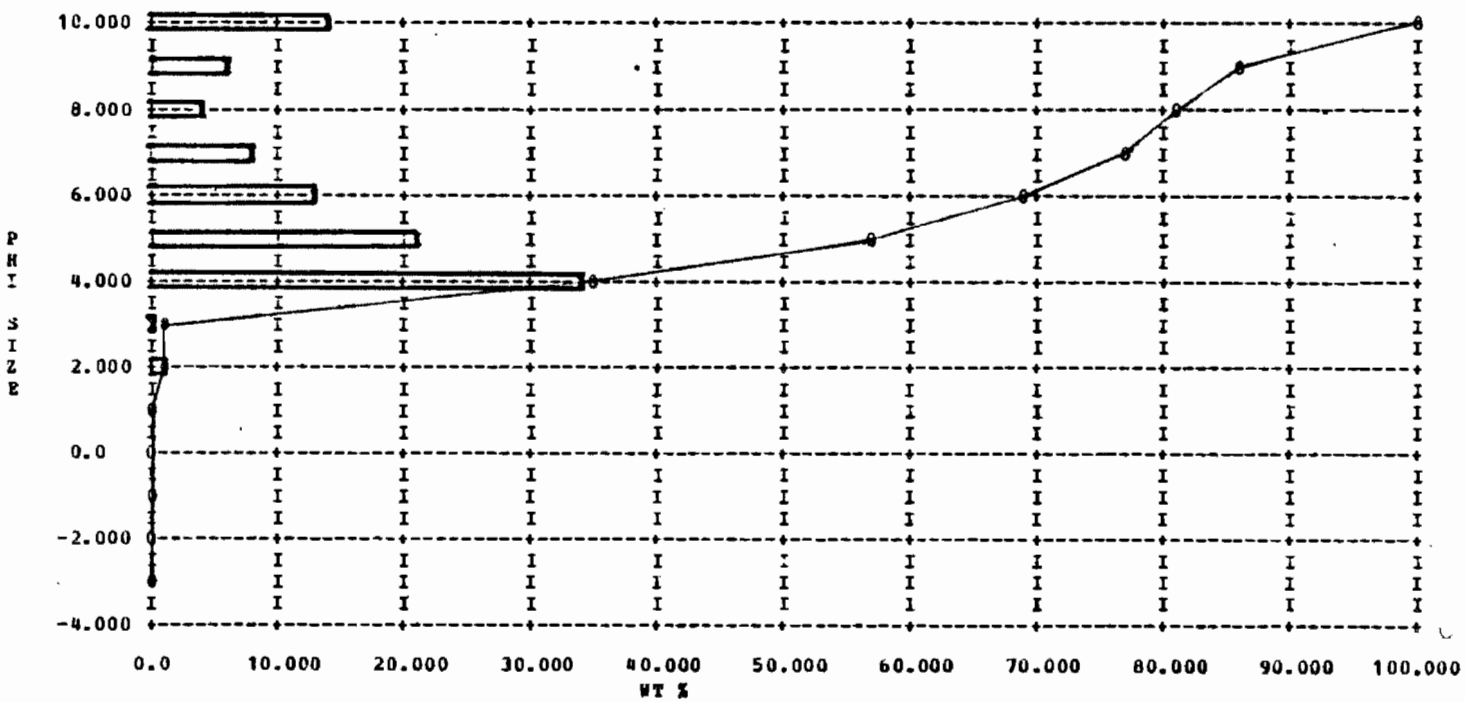
SAMPLE NO. SGB 46C45-50 22IV75

CALCULATION OF MOMENT MEASURE STATISTICS
MEAN = 5.434 VARIANCE = 0.46704E+01 STANDARD DEVIATION = 2.161
SKEWNESS = 0.400 KURTOSIS = -0.681 THIRD MOMENT = 0.80647E+01 FOURTH MOMENT = 0.50582E+02

CALCULATION OF FOLKS STATISTICS
MZ = 5.640 SORTING = 2.114 SKEWNESS = 0.558 KURTOSIS = 0.826

FOLKS TEXTURAL DESCRIPTION
SANDY SILT
VERY POORLY SORTED
PLATYKURTIC
STRONGLY FINE SKEWED

CALCULATION OF INMANS STATISTICS
M PHI = 6.122 SIGMA PHI = 2.449 SKEWNESS = 0.582
KG (INMAN)= 0.199 ALPHA TWO PHI = 0.640



X = FRACTION PERCENT 0 = CUMULATIVE PERCENT

TABLE 8A
Eh and pH of Surficial Sediments

STATION	EH	PH
EPA-SB-75- 1	172	7.52
EPA-SB-75- 2	108	7.64
EPA-SB-75- 5	172	7.27
EPA-SB-75- 6	121	7.44
EPA-SB-75-10	126	7.40
EPA-SB-75-11	116	7.37
EPA-SB-75-12	178	7.48
EPA-SB-75-15	107	7.34
EPA-SB-75-16	176	7.25
EPA-SB-75-17	143	7.50
EPA-SB-75-18	100	7.41
EPA-SB-75-22	164	7.28
EPA-SB-75-23	180	7.36
EPA-SB-75-24	82	7.64
EPA-SB-75-25	132	7.43
EPA-SB-75-28	164	7.21
EPA-SB-75-29	180	---
EPA-SB-75-30	82	7.48
EPA-SB-75-32	87	7.30
EPA-SB-75-34	111	7.47
EPA-SB-75-35	107	7.60
EPA-SB-75-36	144	7.47
EPA-SB-75-37	74	7.47
EPA-SB-75-38	82	7.52
EPA-SB-75-40	99	7.51
EPA-SB-75-41	108	7.48
EPA-SB-75-42	170	7.49
EPA-SB-75-43	117	7.58
EPA-SB-75-44	79	7.39
EPA-SB-75-46	84	7.67
EPA-SB-75-47	113	7.51
EPA-SB-75-48	92	7.39
EPA-SB-75-49	91	7.55
EPA-SB-75-50	104	7.36
EPA-SB-75-55	134	7.35

TABLE 9A Concentration of Elements in Surficial Sediments (1-2 cm depth): AAS Data.

(CONCENTRATIONS IN MG/KG)

STATION	FRACTION SOLUBLE (PERCENT)	CA AAS	CD AAS	CR AAS	CU AAS	FE AAS	K AAS	MG AAS	MN AAS	NI AAS
EPA-SB-75- 1	21.17	18514.5	1.67	50.38	26.34	18253.4	5748.92	14901.1	441.99	28.63
EPA-SB-75- 2	20.56	20962.2	1.75	50.64	24.69	16196.1	5731.75	14970.0	374.75	25.55
EPA-SB-75- 5	27.65	24710.8	2.13	73.35	39.66	25610.8	8276.95	18309.9	802.84	39.46
EPA-SB-75- 6	25.56	22919.4	2.12	66.48	32.88	22594.1	6823.56	17327.5	629.34	35.49
EPA-SB-75-10	---	---	---	---	---	---	---	---	---	---
EPA-SB-75-11	29.51	23011.2	1.99	77.98	43.33	27037.2	8235.54	18629.1	662.22	42.16
EPA-SB-75-12	31.54	25175.5	2.70	84.43	44.73	28975.1	9517.23	20322.8	572.58	45.18
EPA-SB-75-15	1.76	1670.7	0.38	7.00	2.22	4728.8	1202.91	369.0	66.63	3.43
EPA-SB-75-16	27.76	23362.6	1.05	90.31	37.08	27246.5	10636.31	17892.3	700.59	40.14
EPA-SB-75-17	27.49	18557.0	---	70.24	34.46	24735.0	6266.30	17946.7	552.94	35.48
EPA-SB-75-18	32.54	21733.6	---	77.22	47.77	26539.3	7668.90	20312.5	451.32	44.33
EPA-SB-75-22	26.90	21448.3	2.29	69.66	35.44	24638.7	7602.27	19089.8	648.04	37.44
EPA-SB-75-23	32.55	27649.1	3.54	87.76	46.29	30417.4	10123.23	21243.5	793.47	43.10
EPA-SB-75-24	28.72	19756.8	---	68.87	39.24	23013.2	5691.80	18036.4	582.66	35.66
EPA-SB-75-25	40.24	37824.8	3.25	119.17	63.80	34990.9	12258.37	25074.3	660.19	58.54
EPA-SB-75-28	24.43	21925.8	2.31	65.93	36.51	22926.6	6811.44	18112.2	561.13	33.32
EPA-SB-75-29	23.93	21255.8	1.93	66.84	35.27	21715.8	5982.23	17043.0	541.68	34.33
EPA-SB-75-30	27.44	24037.8	2.31	75.41	43.93	24836.0	7472.99	19020.8	631.23	37.77
EPA-SB-75-32	54.55	24809.5	1.80	46.18	30.19	13886.4	4821.74	11603.7	340.46	26.67
EPA-SB-75-34	27.00	24817.8	2.19	79.52	45.26	23433.3	6418.55	19280.9	563.38	37.33
EPA-SB-75-35	28.90	28457.0	---	114.20	41.37	20234.6	5915.90	18294.5	429.67	42.62
EPA-SB-75-36	23.84	26654.8	1.04	62.22	39.60	23897.1	---	17951.8	509.53	36.06
EPA-SB-75-37	38.93	39396.7	---	224.72	54.83	21080.5	8899.20	17731.2	513.09	76.90
EPA-SB-75-38	33.55	31997.3	2.69	92.32	55.70	27839.1	8469.86	23532.2	499.78	46.26

TABLE 9A (continued)

CONCENTRATIONS OF ELEMENTS IN SURFICIAL SEDIMENTS OF SAGINAW BAY, LAKE HURON
(CONCENTRATIONS IN MG/KG)

STATION	FRACTION SOLUBLE (PERCENT)	CA AAS	CD AAS	CR AAS	CU AAS	FE AAS	K AAS	MG AAS	MN AAS	NI AAS
EPA-SB-75-40	37.79	41469.4	---	152.53	64.77	25163.4	7303.10	20175.7	473.85	55.77
EPA-SB-75-41	34.04	38096.4	2.62	87.70	52.01	25909.7	7373.00	24032.6	789.14	39.47
EPA-SB-75-42	22.66	26561.6	2.06	72.00	43.10	20314.9	4905.57	18726.6	451.82	33.44
EPA-SB-75-43	30.06	38826.0	2.18	68.67	41.38	20107.5	5408.55	25027.6	391.08	32.96
EPA-SB-75-44	1.40	1682.5	0.39	9.55	2.23	2273.5	1043.33	371.5	46.85	3.45
EPA-SB-75-46	33.01	42271.4	2.55	74.61	45.24	21968.7	6188.27	21303.1	638.01	38.39
EPA-SB-75-47	26.99	38163.3	2.31	72.07	47.02	18882.2	5078.28	19568.0	401.60	33.96
EPA-SB-75-48	29.44	35946.5	2.00	65.77	41.79	18088.6	4918.70	20016.5	438.08	31.49
EPA-SB-75-49	28.66	37160.7	2.06	64.65	38.45	18699.6	5169.18	22065.6	361.55	32.55
EPA-SB-75-50	37.75	41863.2	---	79.57	54.50	21401.0	5906.80	21562.1	391.46	42.59
EPA-SB-75-55	3.41	4451.6	0.59	14.43	4.35	3902.5	1201.90	1999.9	126.87	5.35

TABLE 9A (continued)

CONCENTRATIONS OF ELEMENTS IN SURFICIAL SEDIMENTS OF SAGINAW BAY, LAKE HURON
(CONCENTRATIONS IN MG/KG)

STATION	PB AAS	ZN AAS	P AAS	INORGANIC CARBON (PERCENT)	ORGANIC CARBON (PERCENT)
EPA-SB-75- 1	41.98	83.07	900.0	1.09	3.22
EPA-SB-75- 2	41.38	85.89	1218.1	1.05	2.96
EPA-SB-75- 5	58.87	117.67	1516.2	---	---
EPA-SB-75- 6	54.03	105.57	1369.7	1.21	3.62
EPA-SB-75-10	---	---	---	1.26	4.93
EPA-SB-75-11	65.06	131.85	1481.9	1.13	4.17
EPA-SB-75-12	67.39	139.59	1592.6	1.37	3.99
EPA-SB-75-15	5.87	7.81	274.4	0.14	---
EPA-SB-75-16	62.16	114.48	2097.3	---	---
EPA-SB-75-17	50.62	98.46	---	0.80	3.99
EPA-SB-75-18	62.67	131.04	---	1.59	4.94
EPA-SB-75-22	55.83	116.39	1772.3	1.11	2.38
EPA-SB-75-23	66.57	133.32	1607.3	1.44	4.28
EPA-SB-75-24	56.02	113.08	---	1.41	4.17
EPA-SB-75-25	87.37	183.45	1799.4	---	---
EPA-SB-75-28	48.98	98.67	1215.4	1.20	2.90
EPA-SB-75-29	49.04	102.49	1128.2	1.20	2.73

TABLE 9A (continued)

CONCENTRATIONS OF ELEMENTS IN SURFICIAL SEDIMENTS OF SAGINAW BAY, LAKE HURON
(CONCENTRATIONS IN MG/KG)

STATION	PB AAS	ZN AAS	P AAS	INORGANIC CARBON (PERCENT)	ORGANIC CARBON (PERCENT)
EPA-SB-75-30	54.20	111.43	1293.8	1.28	3.00
EPA-SB-75-32	41.95	91.64	1344.5	1.77	5.21
EPA-SB-75-34	56.39	123.72	1612.0	1.41	3.21
EPA-SB-75-35	60.81	112.35	---	1.48	3.39
EPA-SB-75-36	63.50	108.51	---	---	---
EPA-SB-75-37	---	133.77	---	---	---
EPA-SB-75-38	70.41	162.23	1195.7	1.61	4.45
EPA-SB-75-40	75.00	145.70	---	---	---
EPA-SB-75-41	65.16	142.15	1876.5	2.00	3.77
EPA-SB-75-42	50.60	122.44	1593.7	1.72	3.37
EPA-SB-75-43	49.16	115.05	1166.4	2.49	2.82
EPA-SB-75-44	7.35	12.79	187.4	0.11	0.32
EPA-SB-75-46	62.97	139.57	1825.2	2.22	4.51
EPA-SB-75-47	53.54	127.50	1844.8	2.22	3.26
EPA-SB-75-48	50.46	112.75	1303.6	2.09	3.25
EPA-SB-75-49	49.27	106.68	830.2	2.27	3.25
EPA-SB-75-50	64.87	142.32	---	2.24	4.61
EPA-SB-75-55	10.16	21.26	450.9	0.20	0.43

TABLE 10A
Concentration of Elements in Surficial Sediments (1-2 cm depth): NAA Data

CONCENTRATIONS OF ELEMENTS IN SURFICIAL SEDIMENTS OF SAGINAW BAY, LAKE HURON
(CONCENTRATIONS IN MG/KG)

STATION	AS NAA	BA NAA	BR NAA	CE NAA	CO NAA	CR NAA	CS NAA	EU NAA	FE NAA	HF NAA
EPA-SB-75- 1	20.56	508	13.20	38.4	7.20	57.7	2.65	0.85	21539	5.51
EPA-SB-75- 2	22.38	462	10.00	31.8	6.16	50.2	2.45	0.76	17815	4.35
EPA-SB-75- 5	60.21	367	16.70	46.2	9.33	77.6	4.11	1.03	28600	4.92
EPA-SB-75- 6	< 20.95	442	19.30	44.0	8.17	69.2	3.49	0.97	25711	5.24
EPA-SB-75-10	< 21.08	452	21.60	46.5	9.39	84.9	4.14	1.01	28963	5.28
EPA-SB-75-11	28.19	429	19.30	47.2	9.05	75.0	3.82	1.03	27979	5.88
EPA-SB-75-12	< 22.99	343	17.50	48.1	9.36	80.2	3.91	1.05	28352	5.31
EPA-SB-75-15	< 8.13	183	2.35	8.7	1.74	5.7	0.22	0.22	5406	0.88
EPA-SB-75-16	28.45	384	8.35	45.4	8.66	75.0	3.39	1.01	25953	6.75
EPA-SB-75-17	37.10	402	9.23	44.9	8.79	72.3	3.29	1.02	26191	5.81
EPA-SB-75-18	< 24.67	312	15.97	49.2	9.80	90.7	4.48	1.06	29324	4.36
EPA-SB-75-22	< 20.64	417	9.29	41.1	7.00	61.7	2.89	0.90	20822	6.47
EPA-SB-75-23	< 24.84	376	20.97	50.3	9.88	84.8	4.25	1.12	29675	5.16
EPA-SB-75-24	< 25.04	472	22.44	49.0	9.63	82.4	4.18	1.08	29196	5.29
EPA-SB-75-25	< 21.78	380	23.77	55.6	11.09	106.1	5.15	1.09	34277	4.36
EPA-SB-75-28	31.82	374	11.15	42.5	8.01	73.0	3.15	0.98	23440	6.33
EPA-SB-75-29	< 23.81	360	9.62	43.9	7.78	69.9	3.11	0.97	23364	7.05
EPA-SB-75-30	< 24.46	363	15.78	43.1	8.34	74.9	3.23	1.00	24760	6.60

TABLE 10A (continued)

CONCENTRATIONS OF ELEMENTS IN SURFICIAL SEDIMENTS OF SAGINAW BAY, LAKE HURON
(CONCENTRATIONS IN MG/KG)

STATION	AS NAA	BA NAA	BR NAA	CE NAA	CO NAA	CR NAA	CS NAA	EU NAA	FE NAA	HF NAA
EPA-SB-75-32	22.24	343	21.30	32.1	7.03	68.2	3.52	0.75	20198	3.00
EPA-SB-75-34	24.20	472	13.92	42.0	8.32	77.6	3.60	0.95	24213	5.94
EPA-SB-75-35	24.96	416	13.38	42.4	7.98	76.3	3.30	0.93	23426	6.40
EPA-SB-75-36	3.04	480	13.47	49.2	9.62	83.4	3.19	0.93	26188	6.92
EPA-SB-75-37	7.48	413	16.90	46.5	9.90	84.3	3.68	0.99	28497	5.35
EPA-SB-75-38	3.05	519	15.10	49.8	10.70	87.2	4.18	1.04	29075	5.52
EPA-SB-75-40	2.66	527	15.90	46.5	9.89	90.8	3.61	0.91	27159	5.51
EPA-SB-75-41	3.04	540	18.10	47.2	9.56	87.8	3.27	1.03	27272	7.73
EPA-SB-75-42	2.79	551	12.80	43.6	9.30	81.2	3.30	0.96	25995	6.72
EPA-SB-75-43	2.27	277	14.00	44.5	9.13	77.6	3.40	0.90	24193	6.08
EPA-SB-75-44	< 1.14	381	1.42	7.0	1.25	6.9	0.38	0.21	3097	2.38
EPA-SB-75-46	4.63	448	20.10	41.6	9.10	78.5	3.38	0.86	25548	5.32
EPA-SB-75-47	< 1.99	541	11.60	42.1	8.54	75.9	3.02	0.86	22705	9.19
EPA-SB-75-48	< 1.98	470	13.50	38.1	8.19	68.8	2.89	0.79	21214	7.06
EPA-SB-75-49	3.30	476	12.90	38.3	7.98	67.1	2.90	0.84	20924	6.91
EPA-SB-75-50	< 2.52	547	46.70	40.1	9.83	85.3	3.87	0.88	26304	4.70
EPA-SB-75-55	< 1.43	349	2.61	11.1	2.15	17.1	0.51	0.30	4995	5.59

TABLE 10A (continued)

CONCENTRATIONS OF ELEMENTS IN SURFICIAL SEDIMENTS OF SAGINAW BAY, LAKE HURON
(CONCENTRATIONS IN MG/KG)

STATION	LA NAA	LU NAA	NA NAA	SB NAA	SC NAA	SE NAA	SM NAA	TH NAA	U NAA
EPA-SB-75- 1	21.9	0.279	7812	0.549	7.86	<1.47	3.12	5.30	1.110
EPA-SB-75- 2	18.4	0.222	9092	0.463	6.63	<1.34	2.75	4.55	0.830
EPA-SB-75- 5	26.1	0.297	6034	0.563	9.68	<1.65	3.45	6.88	1.190
EPA-SB-75- 6	25.3	0.274	7943	0.295	9.08	<1.58	3.68	6.21	1.130
EPA-SB-75-10	26.5	0.290	6166	0.711	9.79	1.60	3.91	6.82	0.930
EPA-SB-75-11	26.9	0.315	6913	0.620	9.98	2.16	3.83	6.78	1.360
EPA-SB-75-12	28.3	0.304	6427	0.589	10.42	2.10	4.10	7.41	1.140
EPA-SB-75-15	6.1	0.044	7670	0.098	0.64	< 0.57	0.77	1.82	< 0.249
EPA-SB-75-16	26.8	0.302	6706	0.540	9.49	<1.59	4.02	6.53	1.010
EPA-SB-75-17	25.6	0.301	6337	0.633	9.23	<1.59	3.88	6.40	0.605
EPA-SB-75-18	27.9	0.299	4811	0.550	10.41	2.85	3.99	7.01	0.955
EPA-SB-75-22	23.5	0.266	8210	0.440	7.56	<1.41	3.36	5.47	0.777
EPA-SB-75-23	29.3	0.351	5551	0.654	10.48	<1.64	4.17	7.39	1.040
EPA-SB-75-24	28.8	0.283	5544	0.660	10.15	<1.65	3.70	7.19	1.780
EPA-SB-75-25	31.9	0.316	4744	0.627	12.05	<1.72	4.63	8.16	1.350
EPA-SB-75-28	24.6	0.284	7479	0.466	8.66	<1.51	3.48	6.01	0.940
EPA-SB-75-29	24.6	0.286	8113	0.435	8.55	2.08	3.59	5.86	0.780
EPA-SB-75-30	25.8	0.271	6501	0.536	8.93	<1.54	3.66	6.27	1.100
EPA-SB-75-32	18.7	0.190	4554	0.434	7.17	<1.37	2.70	5.04	0.627
EPA-SB-75-34	25.0	0.282	7637	0.510	8.68	<2.01	3.61	6.27	0.878
EPA-SB-75-35	24.1	0.247	6682	0.496	8.48	<1.50	3.21	5.94	1.486
EPA-SB-75-36	26.3	0.331	8253	0.957	8.30	<1.94	4.57	8.57	4.960
EPA-SB-75-37	28.5	0.329	6106	0.582	10.80	1.91	4.89	6.51	1.610
EPA-SB-75-38	29.1	0.345	6094	0.730	11.60	2.28	5.28	8.25	1.290
EPA-SB-75-40	27.4	0.285	6147	0.517	10.80	< 1.83	4.69	8.34	2.050
EPA-SB-75-41	28.3	0.281	6257	0.558	10.80	2.20	5.07	6.59	1.800
EPA-SB-75-42	26.0	0.357	6999	0.593	9.89	< 1.83	4.84	7.24	1.400
EPA-SB-75-43	25.5	0.313	6619	0.480	9.78	2.13	4.45	7.47	2.570
EPA-SB-75-44	5.1	0.091	4017	0.089	1.03	0.70	0.92	< 0.80	< 0.731
EPA-SB-75-46	24.7	0.338	5614	0.626	9.35	< 1.78	4.63	7.30	< 1.190
EPA-SB-75-47	24.9	0.423	6605	0.503	9.97	1.99	4.57	6.76	1.160
EPA-SB-75-48	23.0	0.359	6629	0.556	8.52	2.09	3.98	6.50	2.260
EPA-SB-75-49	23.2	0.254	6633	0.434	8.82	<1.64	3.97	6.27	2.350
EPA-SB-75-50	30.9	0.368	6670	0.594	12.30	3.00	5.04	8.27	3.880
EPA-SB-75-55	7.1	0.135	5658	0.179	2.05	1.30	1.20	1.43	< 0.892

Key to Table 11A. Vertical distribution of metals. AAS data.

INTERVAL:	Depth interval (cm).
FRACTION SOLUBLE:	(Sediment dry-weight (g) - weight of insoluble residue (g)) sediment dry weight (g).
MG/KG:	Concentration in MG/KG (µg/g or ppm) dry weight.
% ERROR:	Analytical error associated with AAS analysis.

TABLE 11A
Vertical Distribution of Elements in Selected Cores: AAS Data

VERTICAL DISTRIBUTION OF METALS

STATION: EPA-SB-75-2A

INTERVAL (CM)	FRACTION SOLUBLE	K MG/KG	K % ERROR	MG MG/KG	MG % ERROR	CA MG/KG	CA % ERROR	CR MG/KG	CR % ERROR	P MG/KG	P % ERROR
0.0 1.0	0.227	3264.0	10.33	16252.1	6.29	22137.4	8.62	48.0	13.48	1076.7	12.69
1.0 2.0	0.197	3169.7	10.60	14752.2	6.75	19855.3	9.52	42.5	15.09	1237.2	11.15
2.0 3.0	0.151	2533.9	13.13	11443.2	8.28	15831.5	11.81	33.6	18.98	918.2	14.79
3.0 4.0	0.154	2533.0	13.13	11439.4	8.28	16281.3	11.50	32.7	19.48	853.3	15.86
4.0 5.0	0.160	2609.9	12.69	11557.0	8.17	16636.7	11.20	37.0	17.19	1105.3	12.34
5.0 6.0	0.137	2339.6	14.11	10095.1	9.13	14861.9	12.50	29.9	21.20	914.6	14.79
6.0 7.0	0.086	1949.8	16.66	8145.2	10.99	12907.5	14.17	25.1	24.88	745.3	17.82
7.0 8.0	0.124	2260.9	14.67	8845.2	10.36	12670.7	14.66	29.1	21.84	855.2	15.86
8.0 9.0	0.143	2528.0	13.13	10298.2	9.04	15340.7	12.15	34.4	18.49	948.4	14.31
9.0 10.0	0.122	2143.3	15.27	8558.2	10.56	12975.5	14.17	27.9	22.53	781.3	17.11
10.0 11.0	0.098	1880.8	17.46	6938.5	12.87	10792.6	17.05	23.6	26.75	722.0	18.59
11.0 12.0	0.089	1889.0	17.46	6594.4	13.54	9927.8	18.59	19.1	33.00	692.7	19.44
14.0 16.0	0.104	2072.8	15.94	7858.6	11.46	10832.1	17.05	21.9	29.94	692.3	19.44
22.0 24.0	0.096	1977.0	16.66	7512.2	11.98	10814.1	17.05	18.2	34.63	626.5	21.40
35.0 40.0	0.114	1866.0	17.46	10764.6	8.64	15209.5	12.15	15.3	40.65	684.3	19.44

STATION: EPA-SB-75-2A

INTERVAL (CM)	MN MG/KG	MN % ERROR	FE MG/KG	FE % ERROR	NI MG/KG	NI % ERROR	CU MG/KG	CU % ERROR	ZN MG/KG	ZN % ERROR
0.0 1.0	371.3	3.94	18302.4	8.22	28.1	9.64	25.3	2.30	86.2	2.61
1.0 2.0	317.5	4.54	16260.1	9.16	24.1	10.76	21.3	2.71	71.0	3.12
2.0 3.0	197.8	7.14	12923.5	11.41	19.3	12.80	15.2	3.79	61.1	3.60
3.0 4.0	197.7	7.14	13258.7	11.13	19.7	12.59	16.7	3.46	61.1	3.60
4.0 5.0	203.2	6.91	13517.3	10.87	21.2	11.83	17.7	3.25	64.8	3.39
5.0 6.0	163.6	8.55	11180.8	13.06	17.6	13.76	14.1	4.09	53.8	4.06
6.0 7.0	135.3	10.19	9219.7	15.58	14.6	15.98	12.8	4.41	42.3	5.08
7.0 8.0	151.1	9.30	10397.2	14.09	15.7	15.26	12.3	4.67	49.1	4.46
8.0 9.0	183.9	7.64	12554.6	11.70	19.4	13.26	15.6	3.70	57.0	3.85
9.0 10.0	142.7	9.72	10445.5	13.87	14.7	15.98	11.8	4.81	43.5	4.96
10.0 11.0	110.2	12.63	8313.9	17.44	12.8	18.21	9.0	6.35	35.7	6.06
11.0 12.0	103.9	13.44	7839.8	18.55	10.4	22.10	6.5	8.84	28.7	7.54
14.0 16.0	130.7	10.71	9873.6	14.80	10.8	21.32	6.1	9.37	26.7	8.10
22.0 24.0	97.0	14.36	8330.5	17.44	9.6	23.84	5.0	11.40	18.5	11.62
35.0 40.0	102.7	13.44	8416.2	17.10	9.5	23.84	5.0	11.40	76.5	2.89

TABLE 11A (continued)

VERTICAL DISTRIBUTION OF METALS

STATION: EPA-SB-75-2A

INTERVAL (CM)		PB MG/KG	% ERROR
0.0	1.0	50.7	11.00
1.0	2.0	44.6	12.41
2.0	3.0	33.8	16.28
3.0	4.0	32.6	16.88
4.0	5.0	38.4	14.29
5.0	6.0	30.0	18.21
6.0	7.0	23.7	22.74
7.0	8.0	26.5	20.67
8.0	9.0	30.1	18.21
9.0	10.0	26.2	20.67
10.0	11.0	20.3	26.77
11.0	12.0	15.5	35.10
14.0	16.0	14.3	38.08
22.0	24.0	14.3	38.08
35.0	40.0	14.2	38.08

VERTICAL DISTRIBUTION OF METALS

TABLE 11A (continued)

STATION: EPA-SB-75-11A

INTERVAL (CM)		FRACTION SOLUBLE	P MG/KG	P % ERROR	MG MG/KG	MG % ERROR	CA MG/KG	CA % ERROR	CR MG/KG	CR % ERROR	PB MG/KG	PB % ERROR
0.0	1.0	0.254	1957.7	8.49	17401.6	8.29	18699.2	10.17	77.1	6.89	59.2	12.61
1.0	2.0	0.251	1952.7	8.43	16467.5	8.49	21547.9	9.78	71.7	7.23	58.3	12.61
2.0	3.0	0.253	3327.8	7.03	16874.6	8.38	22108.1	9.52	69.9	7.41	59.7	12.41
3.0	4.0	0.255	1795.6	8.84	16975.8	8.38	22240.6	9.62	70.4	7.41	56.6	13.03
4.0	5.0	0.234	1553.8	9.55	16723.1	8.43	20308.8	9.32	69.0	7.51	55.1	13.26
5.0	6.0	0.210	1488.9	9.82	17414.5	8.24	20810.5	9.13	70.2	7.41	57.6	12.82
6.0	7.0	0.209	1256.5	10.98	13993.0	9.47	18998.6	9.94	62.9	8.17	51.8	14.00
7.0	8.0	0.191	1276.5	10.90	14719.2	9.18	19093.9	9.94	61.1	8.42	48.6	14.95
8.0	9.0	0.163	1295.1	10.82	12962.5	10.05	17788.2	10.66	51.8	9.82	40.6	17.49
9.0	10.0	0.130	1008.9	12.92	10229.2	11.94	15800.0	11.81	38.8	12.78	33.3	20.82
10.0	11.0	0.163	775.7	16.05	8593.0	13.77	12158.0	15.19	37.7	13.12	27.5	24.92
11.0	12.0	0.145	954.8	13.50	10399.1	11.79	15356.0	12.15	46.1	10.85	22.9	29.74
14.0	16.0	0.261	802.8	15.58	9078.8	13.14	13969.1	13.28	32.5	15.15	18.3	37.03
22.0	24.0	0.237	979.2	13.20	15736.0	8.75	22108.1	9.62	35.5	13.86	22.9	29.74
35.0	40.0	0.210	917.3	14.00	25674.3	6.81	35953.8	5.71	47.3	10.62	21.9	31.27

STATION: EPA-SB-75-11A

INTERVAL (CM)		MN MG/KG	MN % ERROR	FE MG/KG	FE % ERROR	NI MG/KG	NI % ERROR	CU MG/KG	CU % ERROR	ZN MG/KG	ZN % ERROR
0.0	1.0	740.5	3.92	24308.3	6.45	42.1	9.19	39.4	3.48	118.7	4.80
1.0	2.0	736.1	3.89	23908.0	6.45	39.2	9.63	38.7	3.48	117.7	4.78
2.0	3.0	677.3	4.19	25548.4	6.12	41.6	9.19	38.9	3.48	116.4	4.82
3.0	4.0	626.3	4.51	24000.6	6.49	41.1	9.33	38.2	3.54	117.1	4.82
4.0	5.0	459.0	5.95	23196.7	6.65	39.5	9.63	37.6	3.56	112.0	4.95
5.0	6.0	467.9	5.85	24437.7	6.37	41.4	9.26	39.1	3.48	115.0	4.87
6.0	7.0	397.5	6.82	20713.8	7.36	38.1	9.96	34.9	3.75	104.1	5.21
7.0	8.0	375.9	7.23	21840.4	7.06	37.2	10.22	32.7	3.93	97.4	5.48
8.0	9.0	337.8	8.04	19012.0	8.02	32.2	11.69	28.2	4.40	88.6	5.80
9.0	10.0	256.3	10.41	15778.7	9.43	24.9	14.70	22.4	5.25	73.2	6.79
10.0	11.0	217.0	12.24	13566.6	10.87	21.2	17.10	17.2	6.57	59.6	8.08
11.0	12.0	264.3	10.10	16976.2	8.82	23.9	15.34	23.3	5.08	69.6	7.08
14.0	16.0	256.0	10.41	15424.4	9.63	17.9	20.11	13.1	8.47	46.0	10.18
22.0	24.0	349.4	7.69	20307.1	7.47	19.7	18.31	13.5	8.20	48.6	9.66
35.0	40.0	391.1	6.95	20789.8	7.35	26.5	13.93	16.4	6.91	49.9	9.50

VERTICAL DISTRIBUTION OF METALS

TABLE 11A (continued)

STATION: EPA-SB-75-16-1

INTERVAL (CM)		FRACTION SOLUBLE	CU MG/KG	CU % ERROR	K MG/KG	K % ERROR	MG MG/KG	MG % ERROR	CA MG/KG	CA % ERROR	CR MG/KG	CR % ERROR
0.0	1.0	0.274	33.2	2.98	4968.5	5.09	16896.9	7.42	19763.4	3.42	62.4	10.28
1.0	2.0	0.244	15.6	3.15	2127.3	5.87	7817.5	7.96	9183.8	3.56	28.7	11.16
2.0	3.0	0.246	15.6	3.15	2121.3	5.87	7947.5	7.82	9445.6	3.50	29.2	10.93
3.0	4.0	0.229	14.7	3.34	2408.9	5.22	7668.2	8.11	9091.2	3.59	28.7	11.16
4.0	5.0	0.221	14.8	3.34	1778.5	6.97	7979.4	7.82	10156.2	3.36	28.1	11.40
5.0	6.0	0.215	14.7	3.34	1915.7	6.48	7509.0	8.26	8889.7	3.63	27.4	11.66
6.0	7.0	0.226	14.1	3.48	2199.1	5.69	7670.9	8.11	9383.2	3.52	27.4	11.66
7.0	8.0	0.224	13.2	3.71	2409.8	5.22	7518.5	8.26	8420.9	3.76	26.2	12.20
8.0	9.0	0.227	12.3	3.98	2197.5	5.69	7208.0	8.60	8318.5	3.79	26.2	12.20
9.0	10.0	0.202	10.1	4.81	1982.2	6.26	6886.0	8.96	8106.0	3.85	20.6	15.46
10.0	11.0	0.176	7.4	6.57	1634.5	7.55	6133.8	10.02	7444.3	4.09	16.3	19.55
11.0	12.0	0.175	5.6	8.71	1773.7	6.97	5674.0	10.79	7344.4	4.13	15.7	20.31
12.0	13.0	0.221	4.7	10.41	1635.9	7.55	5834.2	10.52	7642.9	4.02	13.2	24.10
13.0	14.0	0.189	4.7	10.41	1775.0	6.97	6439.6	9.56	9079.2	3.59	13.8	23.03
14.0	15.0	0.208	5.0	9.77	1985.5	6.26	8420.5	7.42	10233.5	3.34	15.7	20.31
15.0	16.0	0.214	5.3	9.21	2129.5	5.87	8435.7	7.42	10444.4	3.31	16.3	19.55
16.0	18.0	0.221	4.7	10.41	1911.7	6.48	7644.1	8.11	9925.8	3.40	14.4	22.04
18.0	20.0	0.217	5.3	9.21	2264.3	5.52	9328.1	6.75	11570.9	3.13	15.7	20.31
20.0	22.0	0.230	5.0	9.77	2125.3	5.87	10855.7	5.88	13594.3	2.91	15.1	21.14
22.0	24.0	0.269	5.3	9.21	2058.1	6.06	11176.2	5.74	13710.0	2.90	16.3	19.55
24.0	26.0	0.244	5.3	9.21	1986.5	6.26	11167.8	5.74	13891.9	2.88	13.8	23.03
26.0	28.0	0.235	5.0	9.77	1987.3	6.26	10257.8	6.20	13897.8	2.88	17.5	18.17
28.0	30.0	0.234	5.3	9.21	2127.0	5.87	10864.4	5.88	13220.6	2.94	16.9	18.84
30.0	35.0	0.226	7.1	6.85	2128.6	5.87	10109.9	6.28	12268.3	3.05	16.3	19.55
35.0	40.0	0.286	11.1	4.41	2265.2	5.52	14052.8	4.71	16955.8	2.68	18.1	17.56
40.0	45.0	0.298	9.8	4.95	2332.8	5.37	14798.6	4.51	17609.7	2.65	16.3	19.55
45.0	50.0	0.302	6.5	7.48	2261.4	5.52	14941.4	4.47	18461.9	2.61	16.3	19.55
50.0	55.0	0.302	6.8	7.15	2265.9	5.52	14665.9	4.54	17825.3	2.64	17.5	18.17
55.0	60.0	0.311	8.6	5.65	2898.4	4.41	16351.2	4.17	19182.1	2.59	18.8	16.98

VERTICAL DISTRIBUTION OF METALS

TABLE 11A (continued)

STATION: EPA-SB-75-16-1

INTERVAL (CM)	P MG/KG	P % ERROR	MN MG/KG	MN % ERROR	FE MG/KG	FE % ERROR	NI MG/KG	NI % ERROR	ZN MG/KG	ZN % ERROR
0.0 1.0	1146.3	10.96	893.9	6.60	23127.8	2.08	37.3	9.48	109.4	3.87
1.0 2.0	633.3	10.26	319.1	8.36	10986.1	2.14	18.2	9.66	51.8	4.07
2.0 3.0	705.1	9.61	268.8	9.57	11092.0	2.13	18.2	9.66	52.4	4.02
3.0 4.0	812.1	8.91	253.1	10.09	10990.5	2.14	17.0	10.25	49.8	4.23
4.0 5.0	824.9	8.85	253.3	10.09	10860.3	2.16	17.4	10.04	53.9	3.92
5.0 6.0	731.3	9.43	236.3	10.69	10156.6	2.24	17.4	10.04	49.8	4.23
6.0 7.0	984.8	8.14	220.1	11.39	10513.8	2.20	17.1	10.25	47.1	4.47
7.0 8.0	485.9	12.26	209.1	11.92	10376.8	2.22	16.7	10.46	44.4	4.74
8.0 9.0	424.0	13.55	181.4	13.55	9888.7	2.28	15.1	11.44	41.6	5.05
9.0 10.0	423.0	13.55	175.4	13.94	9590.6	2.32	14.3	12.01	38.2	5.49
10.0 11.0	423.6	13.55	153.7	15.78	8712.4	2.48	12.0	14.17	30.7	6.80
11.0 12.0	325.0	16.73	148.1	16.34	8023.0	2.63	10.4	16.17	25.3	8.25
12.0 13.0	292.4	18.87	148.3	16.34	7553.9	2.75	8.9	18.89	21.3	9.82
13.0 14.0	319.1	17.00	159.2	15.27	7754.6	2.69	9.3	18.12	22.6	9.23
14.0 15.0	343.7	15.99	186.7	13.18	9674.9	2.31	10.4	16.17	23.3	8.96
15.0 16.0	375.2	14.92	181.6	13.55	9623.7	2.32	9.7	17.42	23.3	8.96
16.0 18.0	336.9	16.23	169.9	14.35	8493.1	2.52	9.6	17.42	21.2	9.82
18.0 20.0	392.7	14.36	192.1	12.84	9188.9	2.39	10.8	15.62	23.3	8.96
20.0 22.0	390.6	14.73	203.2	12.21	9262.0	2.38	10.8	15.62	23.3	8.96
22.0 24.0	399.6	14.19	214.5	11.65	9412.5	2.36	11.2	15.10	31.5	6.66
24.0 26.0	356.2	15.54	203.4	12.21	8925.4	2.44	11.2	15.10	21.3	9.82
26.0 28.0	417.9	13.70	208.9	11.92	9203.6	2.39	10.8	15.62	22.6	9.23
28.0 30.0	399.3	14.19	219.9	11.39	9405.6	2.36	11.6	14.62	23.3	8.96
30.0 35.0	399.6	14.19	209.0	11.92	9345.1	2.37	11.2	15.10	24.0	8.71
35.0 40.0	478.9	12.37	219.7	11.39	9809.6	2.29	12.8	13.36	24.0	8.71
40.0 45.0	527.5	11.55	214.0	11.65	9730.8	2.30	12.7	13.36	27.3	7.64
45.0 50.0	527.2	11.55	208.4	11.92	9177.4	2.39	11.2	15.10	23.2	8.96
50.0 55.0	466.7	12.61	208.8	11.92	9880.8	2.28	12.0	14.17	25.3	8.25
55.0 60.0	485.5	12.26	214.4	11.65	9955.4	2.27	13.9	12.32	24.7	8.47

TABLE 11A (continued)

VERTICAL DISTRIBUTION OF METALS

STATION: EPA-SB-75-16-1

INTERVAL (CM)		PB MG/KG	% ERROR
0.0	1.0	54.2	8.64
1.0	2.0	25.6	9.09
2.0	3.0	25.6	9.09
3.0	4.0	22.9	10.15
4.0	5.0	23.6	9.86
5.0	6.0	22.9	10.15
6.0	7.0	23.6	9.86
7.0	8.0	22.2	10.45
8.0	9.0	20.8	11.13
9.0	10.0	16.7	13.82
10.0	11.0	13.3	17.34
11.0	12.0	9.2	25.05
12.0	13.0	6.5	35.67
13.0	14.0	7.1	32.25
14.0	15.0	8.5	27.06
15.0	16.0	9.2	25.05
16.0	18.0	9.2	25.05
18.0	20.0	9.9	23.32
20.0	22.0	9.2	25.05
22.0	24.0	9.2	25.05
24.0	26.0	9.2	25.05
26.0	28.0	9.2	25.05
28.0	30.0	9.2	25.05
30.0	35.0	9.2	25.05
35.0	40.0	9.9	23.32
40.0	45.0	9.9	23.32
45.0	50.0	11.2	20.49
50.0	55.0	9.9	23.32
55.0	60.0	10.6	21.81

VERTICAL DISTRIBUTION OF METALS

TABLE 11A (continued)

STATION: EPA-SB-75-25-1

INTERVAL (CM)		FRACTION SOLUBLE	K MG/KG	K % ERROR	MG MG/KG	MG % ERROR	CA MG/KG	CA % ERROR	P MG/KG	P % ERROR	CR MG/KG	CR % ERROR
0.0	1.0	0.349	6968.7	10.46	21400.0	4.51	26065.8	6.41	2743.6	4.47	80.8	7.90
1.0	2.0	0.388	8497.6	11.12	23684.5	5.16	29453.0	7.39	2694.4	5.34	98.7	8.48
2.0	3.0	0.367	7157.9	10.31	21969.7	4.45	27966.1	6.08	2576.6	4.65	95.7	6.74
3.0	4.0	0.337	7190.6	7.63	22065.8	3.35	24802.4	4.60	2322.4	3.97	87.9	4.85
4.0	5.0	0.284	7114.3	7.74	20628.4	3.51	25152.8	4.60	2760.0	3.74	89.1	4.85
5.0	6.0	0.344	6735.0	7.98	21397.1	3.37	27751.9	4.20	2213.2	4.07	92.3	4.65
6.0	7.0	0.354	8122.2	7.12	21164.5	3.44	24963.1	4.29	2331.7	3.97	91.9	4.65
7.0	8.0	0.344	7875.8	7.24	21913.9	3.37	22503.9	5.04	2205.9	4.07	92.9	4.61
8.0	9.0	0.335	8023.1	7.16	22603.5	3.31	20737.0	5.42	2158.6	4.11	91.7	4.65
9.0	10.0	0.321	6135.0	8.33	21827.1	3.33	21250.1	5.19	2230.8	4.00	88.7	4.70
10.0	11.0	0.310	7839.3	7.24	22797.4	3.29	21373.1	5.26	2195.6	4.07	90.6	4.70
11.0	12.0	0.313	6971.9	7.80	20208.6	3.54	20813.1	5.42	2103.2	4.16	89.3	4.80
12.0	13.0	0.348	8465.4	6.97	22678.9	3.31	20462.1	5.50	2250.3	4.04	93.9	4.56
13.0	14.0	0.333	7865.3	7.24	21390.5	3.41	21100.9	5.34	2181.9	4.09	92.8	4.61
14.0	15.0	0.340	8338.1	7.04	22785.3	3.31	20903.7	5.42	2091.1	4.18	91.5	4.70
15.0	16.0	0.339	8434.5	6.97	23089.5	3.27	21415.7	5.26	1947.5	4.31	80.6	5.28
16.0	18.0	0.258	7297.1	7.58	23406.4	3.25	21823.7	5.19	1805.6	4.49	60.3	7.05
18.0	20.0	0.307	8716.4	6.83	23696.1	3.21	21636.3	5.19	1873.7	4.39	58.0	7.28
20.0	22.0	0.337	9131.1	6.68	25176.9	3.11	21984.4	5.11	1874.4	4.39	56.1	7.51
22.0	24.0	0.335	8646.0	6.90	24453.5	3.18	20496.2	5.50	1788.6	4.52	54.9	7.77
24.0	26.0	0.317	8519.4	6.97	22823.5	3.31	19553.9	5.77	1754.5	4.58	56.1	7.64
26.0	28.0	0.318	9180.1	6.65	22395.1	3.31	19526.5	5.68	1763.3	4.52	55.0	7.64
28.0	30.0	0.306	8302.0	7.04	21943.1	3.37	19780.6	5.58	1680.6	4.69	52.0	8.18
30.0	35.0	0.281	7073.9	7.74	19765.8	3.59	19833.5	5.69	1579.2	4.87	47.5	8.98
35.0	40.0	0.245	4727.4	10.31	17483.0	3.89	21157.2	5.34	1405.9	5.24	37.1	11.45
40.0	45.0	0.251	4794.5	10.17	19400.6	3.62	20743.9	5.42	1317.0	5.46	37.0	11.45
45.0	50.0	0.241	—	—	17677.8	3.95	20064.5	5.59	1275.3	5.59	36.1	11.74
50.0	55.0	0.268	5497.6	9.21	20299.9	3.54	20896.7	5.42	1241.9	5.72	40.1	10.65
55.0	60.0	0.245	5637.0	8.91	17613.3	3.85	17940.1	6.18	1270.7	5.59	41.5	10.18
60.0	70.0	0.244	5397.8	9.31	17748.6	3.85	19111.4	5.87	1217.0	5.80	39.0	10.90

VERTICAL DISTRIBUTION OF METALS

TABLE 11A (continued)

STATION: EPA-SB-75-25-1

INTERVAL (CM)		FE MG/KG	FE % ERROR	NI MG/KG	NI % ERROR	MN MG/KG	MN % ERROR	CU MG/KG	CU % ERROR	ZN MG/KG	ZN % ERROR
0.0	1.0	28778.6	4.47	41.7	7.59	711.4	3.30	39.4	4.07	134.2	5.16
1.0	2.0	32910.3	4.87	45.6	8.99	591.5	4.04	48.9	4.28	150.6	5.65
2.0	3.0	30530.6	4.34	44.8	7.18	566.3	4.05	49.0	3.38	158.1	4.49
3.0	4.0	29511.3	3.61	42.2	5.27	511.3	3.08	45.7	2.54	139.5	3.50
4.0	5.0	28108.5	3.70	42.5	5.30	484.8	3.26	44.7	2.53	139.7	3.54
5.0	6.0	28916.2	3.65	43.3	5.20	495.1	3.19	47.1	2.50	146.4	3.39
6.0	7.0	28810.3	3.65	43.8	5.13	485.6	3.22	47.0	2.50	143.3	3.44
7.0	8.0	30294.4	3.58	43.5	5.16	466.8	3.34	45.2	2.57	138.4	3.54
8.0	9.0	30877.7	3.55	45.5	4.97	459.1	3.38	46.1	2.53	138.1	3.54
9.0	10.0	23667.6	3.57	43.1	5.10	454.7	3.34	45.4	2.51	138.0	3.47
10.0	11.0	31295.3	3.53	43.7	5.13	458.0	3.38	44.6	2.59	134.4	3.61
11.0	12.0	28202.2	3.68	43.2	5.20	427.4	3.60	44.9	2.59	136.1	3.59
12.0	13.0	30652.7	3.56	44.6	5.06	447.3	3.46	45.2	2.57	139.4	3.52
13.0	14.0	29108.8	3.63	43.4	5.16	439.6	3.51	44.4	2.61	136.5	3.57
14.0	15.0	30531.7	3.57	45.5	5.00	462.8	3.38	45.1	2.59	138.3	3.55
15.0	16.0	31684.5	3.52	40.9	5.42	472.2	3.30	35.8	3.10	118.9	4.00
16.0	18.0	30960.0	3.55	35.3	6.14	490.3	3.26	24.4	4.34	110.1	4.28
18.0	20.0	31019.1	3.54	35.3	6.09	482.8	3.22	21.7	4.90	101.8	4.56
20.0	22.0	32497.1	3.49	33.2	6.43	489.6	3.19	20.0	5.19	94.4	4.88
22.0	24.0	30539.6	3.57	34.3	6.31	501.5	3.15	20.6	5.11	99.6	4.69
24.0	26.0	30483.1	3.57	32.3	6.59	463.5	3.38	19.8	5.57	86.6	5.34
26.0	28.0	30755.0	3.54	29.9	7.02	454.8	3.38	17.4	5.99	79.2	5.70
28.0	30.0	30006.7	3.59	29.2	7.25	454.1	3.42	16.6	6.26	74.4	6.12
30.0	35.0	25481.3	3.85	25.7	8.17	415.1	3.70	14.5	7.15	65.4	6.92
35.0	40.0	20819.9	4.26	19.6	10.52	309.5	4.04	10.5	9.77	43.6	10.22
40.0	45.0	20423.6	4.30	19.9	10.34	306.2	4.84	10.5	9.77	42.6	10.41
45.0	50.0	20264.9	4.32	18.4	11.10	319.6	4.66	9.4	10.87	40.1	11.04
50.0	55.0	22890.1	4.06	20.7	10.00	342.0	4.41	10.9	9.45	42.0	10.41
55.0	60.0	22474.5	4.08	22.3	9.25	339.3	4.41	11.5	8.98	46.6	9.51
60.0	70.0	21990.2	4.14	21.7	9.53	314.2	4.75	11.2	9.15	45.3	9.85

TABLE 11A (continued)

VERTICAL DISTRIBUTION OF METALS

STATION: EPA-SB-75-25-1

INTERVAL (CM)		PB MG/KG	% ERROR
0.0	1.0	57.9	8.96
1.0	2.0	71.2	11.13
2.0	3.0	71.3	9.63
3.0	4.0	63.0	6.52
4.0	5.0	64.8	6.43
5.0	6.0	66.3	6.27
6.0	7.0	65.1	6.35
7.0	8.0	62.4	6.60
8.0	9.0	62.3	6.60
9.0	10.0	63.4	6.35
10.0	11.0	63.0	6.52
11.0	12.0	62.5	6.60
12.0	13.0	64.3	6.43
13.0	14.0	64.1	6.43
14.0	15.0	63.7	6.52
15.0	16.0	55.0	7.41
16.0	18.0	46.1	8.79
18.0	20.0	41.2	9.71
20.0	22.0	37.6	10.61
22.0	24.0	39.0	10.37
24.0	26.0	35.5	11.41
26.0	28.0	32.1	12.34
28.0	30.0	30.7	13.06
30.0	35.0	27.2	14.77
35.0	40.0	18.0	22.12
40.0	45.0	17.1	23.28
45.0	50.0	16.2	24.58
50.0	55.0	16.3	24.58
55.0	60.0	15.2	26.03
60.0	70.0	16.2	24.58

VERTICAL DISTRIBUTION OF METALS

TABLE 11A (continued)

STATION: EPA-SB-75-28A

INTERVAL (CM)		FRACTION SOLUBLE	NI		PB		CU		ZN	
			MG/KG	% ERROR	MG/KG	% ERROR	MG/KG	% ERROR	MG/KG	% ERROR
0.0	1.0	0.236	49.0	19.63	39.8	18.44	32.5	11.70	101.8	8.24
1.0	2.0	0.236	44.8	23.92	41.8	20.48	33.8	13.09	106.7	8.94
2.0	3.0	0.183	31.9	19.87	34.7	14.34	26.4	9.71	73.1	7.81
3.0	4.0	0.206	37.1	18.02	33.7	14.87	29.6	8.87	77.3	7.59
4.0	5.0	0.212	39.0	17.36	37.8	13.40	29.5	8.87	92.6	6.82
5.0	6.0	0.187	31.1	20.11	35.8	13.85	27.4	9.33	85.5	7.07
6.0	7.0	0.198	39.5	17.05	35.9	13.85	27.1	9.45	73.5	7.75
7.0	8.0	0.201	38.5	17.51	36.5	13.85	29.1	8.98	89.5	6.96
8.0	9.0	0.188	30.0	20.90	41.9	12.24	26.9	9.58	85.8	7.10
9.0	10.0	0.187	28.1	21.79	34.5	14.34	25.4	9.98	84.7	7.10
10.0	11.0	0.179	35.3	18.57	32.2	15.46	23.7	10.76	77.8	7.54
11.0	12.0	0.164	24.8	23.92	20.4	23.09	14.7	16.48	51.8	9.87
12.0	13.0	0.100	27.1	22.79	16.8	28.72	10.2	24.30	43.4	11.67
13.0	14.0	0.142	22.7	26.20	11.0	43.07	8.4	28.98	34.8	14.03
14.0	16.0	0.141	16.8	33.85	12.3	38.25	8.4	28.98	34.5	14.03
16.0	18.0	0.128	19.8	29.10	10.8	43.07	6.7	35.96	25.3	18.50
18.0	20.0	0.125	16.6	34.83	8.2	57.76	4.7	51.60	22.6	21.07
20.0	22.0	0.144	18.2	31.27	9.4	49.33	6.7	35.96	33.4	14.34
22.0	24.0	0.162	16.4	34.83	11.0	43.07	6.8	35.96	24.9	19.08
24.0	26.0	0.174	24.4	23.92	11.9	38.25	6.1	38.27	30.3	15.35
26.0	28.0	0.182	21.8	27.27	13.9	34.42	6.8	35.96	25.0	19.08
28.0	30.0	0.195	18.6	31.27	12.4	38.25	6.8	35.96	22.5	21.07
30.0	35.0	0.197	15.7	35.87	12.2	38.25	6.7	35.96	22.9	20.35
35.0	40.0	0.241	23.2	25.70	18.0	26.54	8.8	27.65	28.2	16.99
40.0	45.0	0.280	25.1	23.92	19.3	24.69	8.8	27.65	32.8	14.65
45.0	50.0	0.305	30.5	20.63	19.4	24.69	10.9	22.50	33.9	14.34

VERTICAL DISTRIBUTION OF METALS

TABLE 11A (continued)

STATION: EPA-SB-75-29

INTERVAL (CM)		FRACTION SOLUBLE	NI		CU		ZN		PB	
			MG/KG	% ERROR	MG/KG	% ERROR	MG/KG	% ERROR	MG/KG	% ERROR
0.0	1.0	0.214	38.5	13.54	30.1	10.60	81.5	6.72	42.6	7.71
1.0	2.0	0.199	35.3	14.40	29.2	10.85	75.0	7.07	37.6	8.56
2.0	3.0	0.190	35.3	14.40	29.3	10.85	87.1	6.46	40.1	8.11
3.0	4.0	0.324	32.7	18.69	25.0	15.45	66.8	9.21	34.5	11.71
4.0	5.0	0.195	33.9	14.97	24.4	12.75	84.9	6.60	35.7	9.08
5.0	6.0	0.177	32.8	15.28	20.4	14.86	80.4	6.80	36.7	8.81
6.0	7.0	0.203	33.9	14.97	30.5	10.60	93.1	6.27	41.9	7.90
7.0	8.0	0.204	41.8	12.93	23.6	13.15	76.1	7.07	39.5	8.33
8.0	9.0	0.180	30.5	16.16	24.2	12.75	79.5	6.84	35.4	9.08
9.0	10.0	0.187	38.9	13.54	23.9	12.95	67.7	7.61	35.6	9.08
10.0	11.0	0.167	29.8	16.35	21.5	14.07	61.2	8.10	30.3	10.40
11.0	12.0	0.192	37.8	13.77	17.3	17.20	71.5	7.32	28.1	11.23
12.0	13.0	0.180	28.3	17.19	15.7	18.96	48.1	9.83	23.3	13.46
13.0	14.0	0.166	27.3	17.65	10.0	29.05	39.0	11.67	19.5	15.89
14.0	15.0	0.167	26.2	18.42	8.7	33.28	33.7	13.40	14.7	21.09
15.0	16.0	0.182	29.7	16.55	8.7	33.28	33.5	13.40	15.9	19.48
16.0	18.0	0.201	29.2	16.97	9.3	31.73	33.1	13.69	14.8	21.09
18.0	20.0	0.190	27.5	17.65	8.3	34.99	34.4	13.11	14.7	21.09
20.0	22.0	0.205	23.3	20.24	8.3	34.99	36.0	12.59	15.9	19.48
22.0	24.0	0.225	28.4	17.19	7.8	36.89	36.8	12.34	17.1	18.11
24.0	26.0	0.229	23.6	20.24	7.5	39.01	26.6	16.78	17.3	18.11
26.0	28.0	0.227	25.7	18.69	5.7	50.80	36.2	12.59	16.0	19.48
28.0	30.0	0.262	29.6	16.55	8.2	34.99	35.9	12.59	17.1	18.11
30.0	35.0	0.277	34.8	14.68	11.8	24.89	28.7	15.45	18.4	16.93
35.0	40.0	0.303	29.3	16.76	10.4	27.88	40.1	11.47	19.6	15.89
40.0	45.0	0.324	33.9	14.97	10.9	26.80	30.4	14.69	22.1	14.18
45.0	50.0	0.342	33.4	14.97	9.5	30.33	35.5	12.59	21.8	14.18

VERTICAL DISTRIBUTION OF METALS

TABLE 11A (continued)

STATION: EPA SB 75 30A SC

INTERVAL (CM)	FRACTION SOLUBLE	K MG/KG	K % ERROR	CA MG/KG	CA % ERROR	SR MG/KG	SR % ERROR	BA MG/KG	BA % ERROR	CR MG/KG	CR % ERROR
0.0 1.0	0.294	5932.6	14.57	33593.8	16.49	46.1	12.73	165.2	32.13	82.0	13.96
1.0 2.0	0.271	5009.3	15.96	32392.2	16.30	39.2	13.67	139.6	35.69	70.2	15.30
2.0 3.0	0.274	5623.0	15.22	33002.7	16.62	47.2	12.53	137.0	38.56	65.5	17.39
3.0 4.0	0.279	6233.4	13.99	32740.2	16.68	48.3	12.34	165.2	32.13	67.3	16.93
4.0 5.0	0.275	5198.6	16.36	28714.2	17.88	38.6	14.54	143.5	37.07	53.0	21.55
5.0 6.0	0.282	6078.5	14.27	33002.7	16.62	47.2	12.53	170.7	31.10	69.1	16.49
6.0 7.0	0.257	5335.3	15.96	31424.1	17.04	44.6	13.06	137.4	38.56	65.7	17.39
7.0 8.0	0.258	4028.2	20.07	30747.0	17.04	38.2	14.39	112.4	46.00	57.1	19.54
8.0 9.0	0.256	4670.0	17.73	31603.7	16.89	40.7	13.81	135.8	38.56	63.1	17.88
9.0 10.0	0.268	4941.6	16.79	32241.3	16.68	48.1	12.24	135.0	38.56	64.5	17.39
10.0 11.0	0.272	6252.2	13.99	32838.6	16.68	48.5	12.34	171.3	31.10	63.9	17.88
11.0 12.0	0.259	5932.6	14.57	31640.4	16.96	46.7	12.63	221.4	24.21	61.9	18.40
12.0 13.0	0.265	5908.9	14.57	32348.3	16.75	48.7	12.24	142.2	37.07	65.3	17.39
13.0 14.0	0.238	4278.0	18.81	31486.7	16.75	40.4	13.67	111.2	46.00	45.8	24.02
14.0 16.0	0.258	5900.1	14.57	33410.2	16.49	48.6	12.24	142.0	37.07	61.5	18.40
16.0 18.0	0.266	6090.6	14.27	31951.4	16.89	51.2	11.90	148.5	35.69	69.3	16.49
18.0 20.0	0.246	4740.8	17.24	32983.1	16.42	41.7	13.42	139.0	37.07	58.5	18.95
20.0 22.0	0.251	4875.9	17.24	36159.4	15.96	42.3	13.54	120.5	43.88	47.4	24.02
22.0 24.0	0.259	4564.7	18.25	40849.1	15.19	43.9	13.18	131.5	40.18	34.5	32.85
24.0 26.0	0.276	4883.3	17.24	45170.2	14.67	46.3	12.73	148.8	35.69	34.6	32.85
28.0 30.0	0.250	3812.3	21.53	50158.0	14.19	40.1	14.09	103.6	50.94	27.3	41.64
32.0 34.0	0.280	4264.9	19.42	50387.2	14.16	35.6	15.41	109.2	48.34	27.2	41.64
40.0 42.0	0.339	4298.9	18.81	29736.9	17.27	30.9	16.91	106.2	48.34	26.5	41.64
44.0 46.0	0.345	5495.8	15.58	30911.3	17.19	44.1	13.18	165.8	32.13	34.6	32.85

TABLE 11A (continued)

VERTICAL DISTRIBUTION OF METALS

STATION: EPA SB 75 30A SC

INTERVAL (CM)		P		MN		FE		CU		ZN	
		MG/KG	% ERROR	MG/KG	% ERROR	MG/KG	% ERROR	MG/KG	% ERROR	MG/KG	% ERROR
0.0	1.0	1896.5	3.74	609.2	6.05	27315.2	3.93	33.5	5.83	98.2	10.03
1.0	2.0	1949.1	3.51	551.6	6.28	26293.7	3.85	32.1	5.75	102.4	9.10
2.0	3.0	1923.8	3.70	562.7	6.53	26022.5	4.10	32.3	6.01	98.1	10.03
3.0	4.0	1808.0	3.87	505.6	7.26	26035.5	4.10	30.5	6.30	93.6	10.50
4.0	5.0	1524.4	4.45	416.1	8.84	21723.7	4.86	27.2	7.02	89.5	11.01
5.0	6.0	1632.0	4.19	413.6	8.84	25706.2	4.15	31.1	6.20	96.5	10.18
6.0	7.0	1607.7	4.25	380.3	9.63	22927.7	4.61	28.9	6.64	92.3	10.66
7.0	8.0	1630.3	4.13	349.6	10.24	21812.7	4.73	28.2	6.64	87.3	11.01
8.0	9.0	1472.9	4.52	364.4	9.93	24223.2	4.34	27.4	6.88	85.1	11.39
9.0	10.0	1550.5	4.31	384.9	9.35	25015.3	4.19	30.7	6.20	86.1	11.20
10.0	11.0	1549.9	4.38	426.5	8.60	25161.4	4.24	28.3	6.76	89.3	11.01
11.0	12.0	1487.6	4.52	402.5	9.09	24781.9	4.29	23.5	7.96	79.9	12.22
12.0	13.0	1423.5	4.67	412.3	8.84	25629.4	4.15	24.6	7.61	96.3	10.18
13.0	14.0	1357.3	4.75	390.2	9.09	21876.7	4.67	21.7	8.34	77.5	12.22
14.0	16.0	1392.4	4.75	423.2	8.60	24331.5	4.34	22.8	8.14	84.0	11.58
16.0	18.0	1489.1	4.52	460.4	7.97	24806.6	4.29	24.1	7.78	86.1	11.39
18.0	20.0	1477.0	4.45	436.7	8.17	23514.3	4.39	22.9	7.96	85.2	11.20
20.0	22.0	1197.3	5.43	426.1	8.60	21964.8	4.80	15.3	11.92	63.3	15.36
22.0	24.0	1137.1	5.68	391.0	9.35	20348.5	5.14	9.4	19.12	38.9	24.82
24.0	26.0	1140.6	5.68	392.2	9.35	21044.9	5.00	11.2	16.16	39.0	24.82
28.0	30.0	1051.6	6.10	391.8	9.35	19437.3	5.38	9.4	19.12	37.4	25.82
32.0	34.0	1021.3	6.26	448.9	8.17	19100.9	5.46	8.3	21.81	42.0	23.03
40.0	42.0	994.0	6.26	369.7	9.63	19206.7	5.30	10.9	16.16	39.3	23.89
44.0	46.0	1023.9	6.26	403.9	9.09	20419.9	5.14	10.0	18.02	40.5	23.89

TABLE 11A (continued)

VERTICAL DISTRIBUTION OF METALS

STATION: EPA SB 75 30A SC

INTERVAL (CM)		PB MG/KG	% ERROR
0.0	1.0	53.1	16.10
1.0	2.0	49.9	16.10
2.0	3.0	53.0	16.10
3.0	4.0	47.6	17.94
4.0	5.0	42.4	20.25
5.0	6.0	44.9	19.02
6.0	7.0	45.0	19.02
7.0	8.0	44.0	19.02
8.0	9.0	39.1	21.64
9.0	10.0	44.2	19.02
10.0	11.0	45.0	19.02
11.0	12.0	36.7	23.25
12.0	13.0	39.3	21.64
13.0	14.0	35.6	23.25
14.0	16.0	39.2	21.64
16.0	18.0	42.2	20.25
18.0	20.0	38.4	21.64
20.0	22.0	47.7	17.94
22.0	24.0	20.4	41.84
24.0	26.0	20.5	41.84
28.0	30.0	20.4	41.84
32.0	34.0	20.4	41.84
40.0	42.0	19.9	41.84
44.0	46.0	25.9	33.03

VERTICAL DISTRIBUTION OF METALS

TABLE 11A (continued)

STATION: EPA-SB-75-30A-2-SC

INTERVAL (CM)	FRACTION SOLUBLE	K MG/KG	K % ERROR	MG MG/KG	MG % ERROR	CA MG/KG	CA % ERROR	CR MG/KG	CR % ERROR	P MG/KG	P % ERROR
0.0 1.0	0.243	3415.8	10.71	17311.1	8.24	22946.1	8.31	68.5	12.20	1571.2	14.55
1.0 2.0	0.239	3553.5	10.45	14743.8	9.18	21872.1	8.78	66.6	12.59	1506.3	15.03
2.0 3.0	0.240	3544.0	10.45	16506.9	8.53	22270.3	8.62	70.2	12.08	1489.1	15.12
3.0 4.0	0.232	3528.7	10.45	16761.9	8.43	22628.7	8.46	69.9	12.08	1439.2	15.39
4.0 5.0	0.235	3587.9	10.20	17254.1	8.24	22870.7	8.31	71.1	11.85	1328.0	16.12
5.0 6.0	0.228	3343.7	10.99	16761.9	8.43	22628.7	8.46	61.5	13.32	1326.2	16.23
6.0 7.0	0.225	3330.4	10.99	12795.4	10.05	22086.2	8.62	66.8	12.45	1335.0	16.12
7.0 8.0	0.222	3264.1	11.28	15354.7	8.93	22719.2	8.46	64.5	12.87	1260.5	16.84
8.0 9.0	0.232	3636.9	10.20	16343.0	8.58	22726.8	8.46	70.2	12.08	1317.7	16.35
9.0 10.0	0.283	3205.2	10.45	13298.7	9.18	19728.4	8.78	62.6	12.20	1153.2	16.72
10.0 12.0	0.214	3419.2	10.71	15055.4	8.99	21159.7	8.95	66.7	12.45	1305.5	16.35
14.0 16.0	0.195	3057.0	11.93	15085.4	8.99	21201.7	8.95	62.2	13.16	1167.2	17.70
22.0 24.0	0.207	2714.9	13.48	18029.7	8.11	26449.5	7.41	31.0	24.42	951.1	20.85
38.0 40.0	0.285	3053.9	11.93	28720.5	6.51	41554.2	5.08	32.5	23.11	898.5	21.64

STATION: EPA-SB-75-30A-2-SC

INTERVAL (CM)	MN MG/KG	MN % ERROR	FE MG/KG	FE % ERROR	NI MG/KG	NI % ERROR	CU MG/KG	CU % ERROR	ZN MG/KG	ZN % ERROR
0.0 1.0	620.8	4.51	23112.5	6.65	35.3	12.03	42.4	14.59	105.3	5.15
1.0 2.0	550.0	5.08	20510.8	7.47	34.7	12.35	38.8	15.31	99.4	5.41
2.0 3.0	517.1	5.36	21988.9	7.01	35.7	12.03	39.7	15.11	102.7	5.27
3.0 4.0	444.4	6.14	21385.2	7.16	32.2	13.06	39.9	15.05	102.3	5.27
4.0 5.0	417.0	6.46	21692.3	7.01	35.2	12.03	38.9	15.17	103.1	5.21
5.0 6.0	405.2	6.70	20537.3	7.42	31.9	13.19	36.1	15.82	95.0	5.55
6.0 7.0	411.4	6.58	16233.2	9.16	33.6	12.58	36.7	15.67	98.3	5.41
7.0 8.0	399.0	6.82	18916.9	8.02	32.4	13.06	35.9	15.90	95.4	5.55
8.0 9.0	399.1	6.82	20626.4	7.42	34.6	12.35	35.2	16.07	94.5	5.59
9.0 10.0	346.7	7.09	17422.3	7.89	30.3	12.70	30.9	16.34	80.6	5.84
10.0 12.0	387.6	6.95	19760.6	7.64	32.1	13.06	34.6	16.16	94.6	5.55
14.0 16.0	404.0	6.70	19123.6	7.89	31.8	13.19	25.0	19.84	77.6	6.47
22.0 24.0	345.0	7.86	16070.8	9.34	21.7	18.72	12.7	34.85	39.1	11.94
38.0 40.0	372.4	7.23	24678.5	6.30	21.4	18.72	11.9	36.69	36.9	12.49

TABLE 11A (continued)

VERTICAL DISTRIBUTION OF METALS

STATION: EPA-SB-75-30A-2-SC

INTERVAL (CM)		PB MG/KG	% ERROR
0.0	1.0	53.8	13.49
1.0	2.0	52.2	14.00
2.0	3.0	53.2	13.74
3.0	4.0	51.8	14.00
4.0	5.0	52.5	13.74
5.0	6.0	49.5	14.56
6.0	7.0	48.1	14.86
7.0	8.0	50.8	14.28
8.0	9.0	50.9	14.28
9.0	10.0	42.9	15.18
10.0	12.0	48.1	14.86
14.0	16.0	41.3	17.05
22.0	24.0	20.8	32.97
38.0	40.0	20.6	32.97

TABLE 11A (continued)

VERTICAL DISTRIBUTION OF METALS

STATION: EPA-SB-75-36-1

INTERVAL (CM)		FRACTION SOLUBLE	K MG/KG	K % ERROR	MG MG/KG	MG % ERROR	CA MG/KG	CA % ERROR	SR MG/KG	SR % ERROR	PB MG/KG	PB % ERROR
0.0	1.0	0.307	4737.1	10.38	19201.0	12.04	28408.0	14.01	40.7	17.39	95.2	43.49
1.0	2.0	0.238	4151.4	7.40	17951.8	8.40	26654.9	9.50	35.3	12.51	63.5	40.52
2.0	3.0	0.246	4150.2	7.40	18208.3	8.30	26217.8	9.64	35.3	12.51	63.5	40.52
3.0	4.0	0.246	4286.5	7.17	18216.5	8.30	25371.3	9.94	35.3	12.51	72.3	35.67
5.0	6.0	0.242	3748.2	8.18	17951.3	8.40	27083.2	9.36	33.9	13.03	63.5	40.52
6.0	7.0	0.236	3482.4	8.80	17966.1	8.40	26676.1	9.50	33.9	13.03	54.8	46.94
7.0	8.0	0.250	4147.2	7.40	18195.1	8.30	25770.2	9.79	35.3	12.51	63.4	40.52
8.0	9.0	0.237	3748.6	8.18	18215.1	8.30	25369.4	9.94	32.5	13.59	50.1	43.49
9.0	10.0	0.237	4020.7	7.64	18230.2	8.30	25390.3	9.94	35.4	12.51	50.4	50.99
10.0	11.0	0.232	4151.1	7.40	17688.4	8.50	25365.6	9.94	33.9	13.03	54.7	46.94
11.0	12.0	0.219	3882.9	7.90	16904.5	8.83	22794.0	10.98	33.9	13.03	54.7	46.94
12.0	13.0	0.209	3478.3	8.80	15849.7	9.33	23213.3	10.79	32.5	13.59	46.0	55.82
13.0	14.0	0.184	2807.7	10.87	14283.5	10.23	20218.2	12.30	26.7	16.47	32.8	78.09
14.0	15.0	0.162	2404.5	12.67	12372.8	11.15	18500.9	13.39	23.9	18.43	32.9	78.09
15.0	16.0	0.157	2269.1	13.42	12181.3	11.80	18492.6	13.39	22.4	19.59	37.2	68.91
16.0	18.0	0.147	2002.5	15.21	11669.2	12.28	18081.8	13.60	22.5	19.59	28.5	90.10
18.0	20.0	0.161	2139.3	14.26	13781.2	10.57	20679.9	12.06	23.9	18.43	28.5	90.10
20.0	22.0	0.182	2403.3	12.67	17418.1	8.61	23209.2	10.79	26.7	16.47	28.4	90.10
22.0	24.0	0.225	3075.7	9.93	21352.7	7.30	27506.2	9.22	29.6	14.89	41.6	61.68
24.0	26.0	0.204	2134.8	14.26	21508.7	7.23	30071.9	8.51	25.3	17.39	37.2	68.91
26.0	28.0	0.223	2943.7	10.38	23990.8	6.68	32679.5	7.91	28.2	15.64	32.8	78.09
28.0	30.0	0.215	2274.5	13.42	23497.6	6.79	32722.8	7.91	26.8	16.47	37.3	68.91
30.0	35.0	0.252	2539.1	12.01	28957.2	5.85	41245.4	6.48	29.6	14.89	41.6	61.68
35.0	40.0	0.291	2670.9	11.41	34164.4	5.27	46349.6	5.89	31.0	14.21	41.5	61.68
40.0	45.0	0.312	2945.9	10.38	39225.2	4.88	—	—	33.9	13.03	50.4	50.99
45.0	50.0	0.329	3485.2	8.80	38975.6	4.90	55493.6	5.15	41.1	10.79	54.8	46.94

VERTICAL DISTRIBUTION OF METALS

TABLE 11A (continued)

STATION: EPA-SB-75-36-1

INTERVAL (CM)		MN MG/KG	MN % ERROR	FE MG/KG	FE % ERROR	NI MG/KG	NI % ERROR	CU MG/KG	CU % ERROR	ZN MG/KG	ZN % ERROR
0.0	1.0	745.8	10.45	28601.3	18.05	38.1	79.98	46.4	12.39	144.1	24.27
1.0	2.0	509.5	9.51	23897.1	13.68	36.1	53.12	39.6	9.37	108.5	20.58
2.0	3.0	497.8	9.73	23880.9	13.68	38.5	49.85	39.6	9.37	104.3	21.27
3.0	4.0	521.2	9.31	24372.6	13.44	38.5	49.85	38.3	9.64	104.3	21.27
5.0	6.0	509.5	9.51	23424.7	13.94	28.6	66.41	39.6	9.37	97.9	22.44
6.0	7.0	486.8	9.96	23916.3	13.68	33.6	56.89	41.0	9.11	93.8	23.31
7.0	8.0	474.3	10.20	24344.0	13.44	36.0	53.12	41.6	8.99	95.7	22.87
8.0	9.0	451.6	10.72	23427.1	13.94	33.6	56.89	39.6	9.37	81.0	26.52
9.0	10.0	440.4	10.99	23446.4	13.94	31.1	61.27	36.9	9.95	91.7	23.78
10.0	11.0	416.8	11.60	23895.3	13.68	28.6	66.41	40.3	9.23	85.2	25.34
11.0	12.0	405.3	11.93	22482.8	14.48	28.6	66.41	28.8	12.39	64.1	32.80
12.0	13.0	358.9	13.45	19171.9	16.79	23.6	79.98	20.8	16.85	51.4	40.55
13.0	14.0	324.2	14.88	16820.1	19.02	11.2	166.85	15.4	22.50	42.9	48.25
14.0	15.0	256.3	18.10	13988.6	22.71	3.8	494.43	9.3	36.83	40.8	50.68
15.0	16.0	266.1	18.10	12096.0	26.15	1.3	999.90	8.0	42.99	36.6	56.40
16.0	18.0	243.2	19.81	11164.0	28.31	0.0	999.90	6.6	51.68	34.5	59.79
18.0	20.0	278.3	17.35	12503.7	25.19	8.8	213.96	7.3	46.03	45.1	46.05
20.0	22.0	300.9	16.02	14453.1	21.99	8.7	213.96	8.6	39.67	45.0	46.05
22.0	24.0	370.4	13.03	17287.6	18.52	8.7	213.96	10.7	32.23	47.1	44.05
24.0	26.0	335.6	14.37	13510.4	23.48	6.3	298.51	8.6	39.67	47.1	44.05
26.0	28.0	370.7	13.03	14940.7	21.32	11.2	166.85	8.6	39.67	47.2	44.05
28.0	30.0	313.2	15.43	12124.5	26.15	0.0	999.90	8.0	42.99	45.1	46.05
30.0	35.0	324.2	14.88	13046.0	24.30	8.7	213.96	9.3	36.83	42.9	48.25
35.0	40.0	370.2	13.03	14918.7	21.32	18.7	100.82	10.7	32.23	45.0	46.05
40.0	45.0	405.8	11.93	15896.7	20.10	18.7	100.82	10.7	32.23	88.1	22.44
45.0	50.0	429.1	11.29	16374.5	19.54	36.1	53.13	20.1	17.38	121.4	18.80

VERTICAL DISTRIBUTION OF METALS

TABLE 11A (continued)

STATION: EPA-SB-75-38

INTERVAL (CM)		FRACTION SOLUBLE	CU MG/KG	CU % ERROR	ZN MG/KG	ZN % ERROR	NI MG/KG	NI % ERROR	MN MG/KG	MN % ERROR	PB MG/KG	PB % ERROR
0.0	1.0	0.335	47.4	2.06	131.1	3.44	43.3	10.79	588.6	7.66	54.5	12.56
1.0	2.0	0.349	53.4	3.43	147.3	5.38	47.2	19.36	469.3	18.60	61.5	21.69
2.0	3.0	0.277	43.5	2.24	119.8	3.69	38.2	12.29	399.5	11.22	51.8	13.29
3.0	4.0	0.288	44.2	2.20	120.1	3.67	38.5	12.15	423.3	10.57	53.2	12.91
4.0	5.0	0.296	43.6	2.22	121.4	3.64	40.6	11.49	413.6	10.78	51.4	13.29
5.0	6.0	0.302	44.1	2.20	122.4	3.62	40.2	11.61	405.8	11.00	53.1	12.91
6.0	7.0	0.302	45.0	2.16	127.4	3.52	43.0	10.90	414.3	10.78	50.0	13.69
7.0	8.0	0.292	43.1	2.24	121.3	3.64	40.1	11.61	371.2	11.97	51.4	13.29
8.0	9.0	0.297	43.4	2.20	122.9	3.57	40.9	11.24	391.1	11.22	49.2	13.69
9.0	10.0	0.299	44.4	2.18	123.6	3.59	41.0	11.36	370.8	11.97	54.4	12.56
10.0	11.0	0.281	38.4	2.47	112.9	3.83	37.4	12.43	354.1	12.52	54.4	12.56
11.0	12.0	0.306	38.7	2.45	115.0	3.77	41.3	11.24	386.1	11.46	48.0	14.12
12.0	13.0	0.302	35.7	2.63	110.8	3.87	38.1	12.15	369.1	11.97	46.4	14.57
13.0	14.0	0.297	33.4	2.82	109.9	3.92	37.9	12.29	388.5	11.46	45.2	15.06
14.0	15.0	0.276	—	—	85.1	4.80	33.3	13.91	362.8	12.24	32.6	20.67
15.0	16.0	0.218	14.5	6.20	64.8	6.03	23.1	19.73	284.5	15.38	18.4	36.07
16.0	18.0	0.176	8.4	10.92	39.5	9.73	15.4	30.17	231.0	19.27	17.2	39.36
18.0	20.0	0.158	6.1	14.68	26.8	14.04	10.7	42.84	194.7	22.55	12.3	54.22
20.0	22.0	0.151	5.7	15.76	26.8	14.04	12.0	38.04	134.9	22.55	9.2	72.52
22.0	24.0	0.156	6.1	14.68	21.9	17.14	12.5	36.67	186.6	23.55	10.8	62.04
24.0	26.0	0.200	7.8	11.51	31.7	11.91	14.8	31.09	228.2	19.27	12.3	54.22
26.0	28.0	0.200	7.8	11.51	30.9	12.22	13.8	33.10	228.2	19.27	10.8	62.04
28.0	30.0	0.202	7.4	12.17	27.6	13.63	15.2	30.17	228.1	19.27	9.2	72.52
30.0	35.0	0.212	8.2	10.92	30.7	12.22	16.0	28.49	243.4	17.97	10.7	62.04
35.0	40.0	0.216	7.9	11.51	32.7	11.62	15.3	30.17	254.8	17.39	14.0	48.16
40.0	45.0	0.232	8.2	10.92	35.6	10.59	17.8	25.63	285.1	15.38	12.3	54.22
45.0	50.0	0.226	7.5	12.17	30.3	12.54	15.3	30.17	272.2	16.32	9.3	72.52

VERTICAL DISTRIBUTION OF METALS

TABLE 11A (continued)

STATION: FPA-SB-75-38

INTERVAL (CM)	K MG/KG	K % ERROR	SR MG/KG	SR % ERROR	CR MG/KG	CR % ERROR	BA MG/KG	BA % ERROR	CA MG/KG	CA % ERROR
0.0 1.0	7676.8	5.48	56.3	2.98	165.3	13.41	142.2	27.49	19743.4	18.39
1.0 2.0	7596.7	8.39	58.9	5.12	191.7	17.28	144.0	52.11	24666.9	23.62
2.0 3.0	7024.8	5.74	53.6	3.12	159.2	13.63	124.3	31.39	19607.9	18.51
3.0 4.0	7570.0	5.53	53.9	3.10	162.3	13.52	136.6	28.66	20225.4	18.24
4.0 5.0	6977.9	5.74	51.5	3.20	166.8	13.38	136.2	28.66	19277.3	18.59
5.0 6.0	7367.3	5.59	54.2	3.08	162.1	13.52	130.0	29.96	19747.3	18.41
6.0 7.0	7464.8	5.56	75.5	2.44	165.9	13.41	168.1	23.70	19298.5	18.60
7.0 8.0	7442.4	5.56	54.1	3.08	161.6	13.52	123.3	31.39	18454.2	18.95
8.0 9.0	—	—	65.4	2.65	169.3	13.25	162.2	24.11	18582.8	18.78
9.0 10.0	6593.0	5.90	64.4	2.70	160.2	13.56	180.0	22.22	18911.5	18.73
10.0 11.0	7103.6	5.68	50.9	3.22	161.5	13.52	123.2	31.39	17307.1	19.52
11.0 12.0	6700.4	5.84	48.5	3.34	172.0	13.22	138.5	28.06	17288.0	19.50
12.0 13.0	6458.2	5.95	49.3	3.29	165.7	13.38	113.2	33.85	16654.1	19.86
13.0 14.0	6598.4	5.90	47.0	3.44	158.1	13.63	101.4	37.86	16194.2	20.22
14.0 15.0	7063.4	5.70	31.6	4.85	93.2	17.71	69.7	54.42	16272.2	20.15
15.0 16.0	4269.7	7.70	36.6	4.21	72.5	20.89	81.4	46.25	14171.7	21.65
16.0 18.0	3254.8	9.64	30.5	5.05	53.9	26.91	67.1	56.95	12955.5	23.18
18.0 20.0	2505.6	11.94	28.3	5.34	45.8	30.67	56.8	66.25	12913.3	23.04
20.0 22.0	1388.3	14.74	26.1	5.77	47.0	29.95	53.7	70.08	12981.4	22.97
22.0 24.0	2130.0	13.83	27.0	5.59	47.0	29.95	53.7	70.08	13710.4	22.19
24.0 26.0	3310.3	9.42	30.2	5.05	57.0	25.43	66.3	56.95	15715.6	20.50
26.0 28.0	3026.9	10.14	29.7	5.12	52.0	27.46	60.0	62.82	16610.0	19.91
28.0 30.0	2930.5	10.42	28.8	5.26	53.2	26.91	56.8	66.25	17812.9	19.23
30.0 35.0	3007.9	10.14	30.4	4.98	54.1	26.39	59.6	62.92	17910.3	19.13
35.0 40.0	2950.1	10.42	30.3	5.05	56.0	25.90	50.9	74.39	18298.6	19.05
40.0 45.0	3668.7	8.64	32.7	4.67	60.4	24.14	65.9	56.95	18905.7	18.67
45.0 50.0	3195.2	9.76	30.0	5.12	57.4	25.43	60.5	62.82	19800.3	18.41

TABLE 11A (continued)

VERTICAL DISTRIBUTION OF METALS

STATION: FPA-SP-75-38

INTERVAL (CM)		FE MG/KG	FE % ERROR	MG MG/KG	MG % ERROR
0.0	1.0	26913.8	1.19	21242.8	1.92
1.0	2.0	27544.7	1.67	22810.0	2.77
2.0	3.0	23920.5	1.25	20001.6	1.98
3.0	4.0	25436.2	1.22	21486.6	1.91
4.0	5.0	25171.6	1.22	20963.9	1.93
5.0	6.0	25582.0	1.22	20605.1	1.95
6.0	7.0	25119.5	1.22	20657.0	1.95
7.0	8.0	24950.2	1.23	20406.6	1.96
8.0	9.0	—	—	—	—
9.0	10.0	25707.2	1.21	20780.6	1.94
10.0	11.0	25457.0	1.22	19821.6	1.98
11.0	12.0	26766.5	1.19	20722.5	1.94
12.0	13.0	25899.2	1.21	20238.0	1.96
13.0	14.0	24795.4	1.23	20029.7	1.98
14.0	15.0	24417.9	1.24	19680.0	1.99
15.0	16.0	19327.0	1.37	—	—
16.0	18.0	15224.2	1.58	13458.7	2.50
18.0	20.0	12723.3	1.77	1034.5	26.38
20.0	22.0	12017.8	1.84	12988.9	2.54
22.0	24.0	12267.6	1.81	13328.8	2.50
24.0	26.0	15603.8	1.55	16928.9	2.15
26.0	28.0	14917.0	1.59	22322.2	1.88
28.0	30.0	14719.9	1.60	18857.2	2.03
30.0	35.0	15557.9	1.54	19391.2	2.00
35.0	40.0	15886.2	1.54	20261.1	1.97
40.0	45.0	16918.6	1.47	21350.0	1.91
45.0	50.0	15577.2	1.56	22049.4	1.89

VERTICAL DISTRIBUTION OF METALS

TABLE 11A (continued)

STATION: EPA-SB-75-40-1

INTERVAL (CM)	FRACTION SOLUBLE	NI MG/KG	NI % ERROR	MN MG/KG	MN % ERROR	ZN MG/KG	ZN % ERROR	CU MG/KG	CU % ERROR	PB MG/KG	PB % ERROR
0.0 1.0	0.331	42.7	6.37	713.2	4.29	137.4	5.09	49.1	2.74	63.5	11.74
2.0 3.0	0.322	40.3	6.70	419.2	6.93	126.1	5.35	49.4	2.72	58.7	12.59
3.0 4.0	0.310	41.6	6.31	452.8	6.23	132.4	5.09	50.1	2.59	61.1	11.74
4.0 5.0	0.318	40.6	6.63	400.2	7.20	126.3	5.33	46.6	2.85	53.6	13.60
6.0 7.0	0.279	38.9	6.92	394.4	7.34	127.1	5.33	46.9	2.85	55.6	13.25
7.0 8.0	0.262	36.9	7.24	342.8	8.36	112.1	5.76	45.1	2.95	50.6	14.39
8.0 9.0	0.279	41.8	6.50	411.7	7.06	122.9	5.44	51.2	2.63	52.5	13.98
9.0 10.0	0.260	37.1	7.16	357.1	7.99	102.9	6.08	41.4	3.18	47.2	15.28
10.0 11.0	0.257	36.1	7.41	335.8	8.56	100.6	6.22	40.5	3.27	47.7	15.28
11.0 12.0	0.218	33.0	7.90	325.2	8.78	93.1	6.55	38.6	3.41	47.4	15.28
12.0 13.0	0.209	32.5	8.10	—	—	92.3	6.59	36.1	3.63	63.0	11.74
13.0 14.0	0.234	32.6	8.10	350.6	8.17	93.2	6.55	34.5	3.80	52.1	13.98
14.0 15.0	0.220	30.3	8.69	302.0	9.48	82.5	7.21	27.9	4.69	46.1	15.77
15.0 16.0	0.205	25.0	10.39	317.7	9.00	73.7	7.87	20.7	6.28	41.2	17.48
16.0 18.0	0.195	22.5	11.42	273.8	10.32	61.3	9.14	15.1	8.52	30.0	23.57
18.0 20.0	0.167	16.0	16.00	225.9	12.55	42.2	12.89	9.7	13.27	24.0	29.58
20.0 22.0	0.143	14.0	18.10	190.7	14.69	33.4	15.94	7.6	16.92	19.1	36.67
22.0 24.0	0.103	10.8	23.58	142.1	19.80	26.0	20.45	4.7	27.51	14.6	48.32
24.0 26.0	0.081	9.1	27.12	122.1	22.41	17.9	28.78	3.3	37.62	12.7	54.07
26.0 28.0	0.086	8.0	31.93	117.3	23.99	20.0	26.37	3.4	37.62	11.5	61.39
28.0 30.0	0.095	8.0	31.93	134.8	21.02	19.3	27.52	3.4	37.62	14.7	48.32
30.0 35.0	0.123	8.8	28.55	173.8	16.07	24.9	21.12	5.5	23.34	14.5	48.32
35.0 40.0	0.209	11.8	21.70	218.8	13.02	22.8	23.45	5.6	23.34	13.1	54.07
40.0 45.0	0.273	21.9	11.90	353.6	8.17	31.4	17.19	11.1	11.76	21.0	33.95
45.0 50.0	0.278	25.8	10.20	329.5	8.78	40.9	13.39	15.4	8.52	24.3	29.58
50.0 55.0	0.321	24.5	10.58	334.0	8.56	41.3	13.13	16.4	7.87	25.6	27.80

VERTICAL DISTRIBUTION OF METALS

TABLE 11A (continued)

STATION: EPA-SB-75-40-1

INTERVAL (CM)	K MG/KG	K % ERROR	SR MG/KG	SR % ERROR	CR MG/KG	CR % ERROR	BA MG/KG	BA % ERROR	CA MG/KG	CA % ERROR
0.0 1.0	5334.8	4.77	59.3	4.59	135.2	7.20	126.6	25.54	24419.7	12.30
2.0 3.0	4786.6	5.29	58.5	4.63	126.3	7.63	117.9	27.38	25299.8	12.15
3.0 4.0	4427.4	5.51	54.0	4.76	126.7	7.37	105.4	29.51	25383.9	11.99
4.0 5.0	4417.2	5.69	57.0	4.69	118.2	8.04	102.9	31.13	26115.8	12.00
6.0 7.0	3805.3	6.61	55.4	4.80	124.0	7.76	106.4	30.30	24789.3	12.23
7.0 8.0	3889.4	6.45	53.3	4.91	114.9	8.27	94.6	33.93	23724.6	12.40
8.0 9.0	3908.9	6.45	54.8	4.83	127.8	7.56	92.2	34.98	23972.4	12.38
9.0 10.0	4497.1	5.57	52.3	4.95	120.2	7.90	94.0	33.93	21314.4	12.89
10.0 11.0	4200.5	6.01	51.6	5.04	117.8	8.12	95.0	33.93	21773.8	12.83
11.0 12.0	3339.9	7.47	45.5	5.48	114.5	8.27	85.8	37.29	19961.1	13.27
12.0 13.0	—	—	—	—	—	—	—	—	—	—
13.0 14.0	3736.1	6.70	43.1	5.72	120.8	7.90	94.5	33.93	19565.4	13.40
14.0 15.0	3753.5	6.70	41.4	5.92	109.0	8.70	89.2	36.09	19206.8	13.55
15.0 16.0	3544.9	7.06	36.8	6.49	90.1	10.33	88.9	36.09	17362.1	14.21
16.0 18.0	2981.8	8.31	32.1	7.23	78.4	11.69	65.5	48.53	16322.3	14.62
18.0 20.0	2809.5	8.88	40.6	6.00	63.0	14.52	71.7	44.67	15299.4	15.23
20.0 22.0	2492.1	9.91	34.6	6.78	52.6	17.14	65.4	48.53	13508.2	16.34
22.0 24.0	1531.1	16.19	19.6	11.33	41.9	21.58	37.3	85.52	10790.2	19.18
24.0 26.0	1252.9	19.25	18.5	11.69	34.8	25.25	30.8	100.95	8615.9	22.38
26.0 28.0	1288.3	19.25	17.7	12.48	35.8	25.25	37.4	85.52	9396.7	21.35
28.0 30.0	1296.4	19.25	17.2	12.92	37.2	24.42	29.0	110.96	10383.7	19.85
30.0 35.0	1710.9	14.36	20.7	10.69	42.7	20.97	37.0	85.52	12413.3	17.25
35.0 40.0	2135.8	11.72	26.2	8.75	47.2	19.35	46.2	69.59	24761.7	12.24
40.0 45.0	3472.3	7.26	33.9	6.99	70.9	13.05	69.4	46.52	43276.4	10.78
45.0 50.0	4623.7	5.51	35.9	6.68	83.9	10.46	98.5	32.94	39627.6	10.93
50.0 55.0	5647.6	4.49	39.3	6.15	90.0	10.33	117.3	27.38	40779.7	10.86

TABLE 11A (continued)

VERTICAL DISTRIBUTION OF METALS

STATION: EPA-SR-75-40-1

INTERVAL (CM)		FE MG/KG	FE % ERROR	MG MG/KG	MG % ERROR
0.0	1.0	25066.8	1.41	22021.0	2.28
2.0	3.0	23807.4	1.44	21893.3	2.29
3.0	4.0	22359.3	1.46	21161.5	2.28
4.0	5.0	22860.4	1.46	21681.0	2.29
6.0	7.0	20803.5	1.53	19476.5	2.42
7.0	8.0	20194.6	1.55	19209.4	2.43
8.0	9.0	22343.2	1.48	11904.8	3.30
9.0	10.0	22499.6	1.47	19852.2	2.38
10.0	11.0	21502.7	1.51	19697.7	2.40
11.0	12.0	19228.1	1.58	17447.1	2.55
12.0	13.0	—	—	—	—
13.0	14.0	19754.3	1.56	18830.7	2.45
14.0	15.0	19500.8	1.58	18659.6	2.47
15.0	16.0	17180.1	1.69	17413.4	2.56
16.0	18.0	16329.2	1.73	16648.5	2.61
18.0	20.0	14548.4	1.86	15089.7	2.78
20.0	22.0	12117.1	2.10	12701.1	3.10
22.0	24.0	8700.6	2.73	9023.4	4.04
24.0	26.0	7498.9	3.02	6910.2	4.95
26.0	28.0	7554.1	3.07	7292.0	4.84
28.0	30.0	8074.6	2.92	8591.5	4.23
30.0	35.0	9580.6	2.50	11580.6	3.30
35.0	40.0	10412.4	2.38	23187.9	2.23
40.0	45.0	15507.7	1.80	31344.8	2.01
45.0	50.0	19454.9	1.59	30451.2	2.03
50.0	55.0	22483.9	1.47	33325.9	1.98

TABLE 11A (continued)

VERTICAL DISTRIBUTION OF METALS

STATION: EPA-SR-75-43

INTERVAL (CM)	FRACTION SOLUBLE	NI MG/KG	NI % ERROR	CU MG/KG	CU % ERROR	ZN MG/KG	ZN % ERROR	PB MG/KG	PB % ERROR
0.0 1.0	0.326	62.6	12.97	35.0	12.88	129.1	6.94	58.6	5.30
1.0 2.0	0.319	56.2	14.00	39.4	11.66	116.9	7.36	52.5	5.87
2.0 3.0	0.280	42.3	12.87	32.5	9.84	111.5	6.08	47.4	4.47
3.0 4.0	0.276	41.9	12.87	38.9	8.60	93.5	6.60	48.3	4.36
4.0 5.0	0.295	44.3	12.40	34.4	9.40	111.4	6.06	49.7	4.25
5.0 6.0	0.317	53.4	11.18	41.4	8.37	117.0	5.98	49.4	4.36
6.0 7.0	0.307	40.6	13.17	29.8	10.47	92.2	6.66	45.7	4.59
7.0 8.0	0.260	37.1	14.13	35.9	9.16	85.5	6.98	44.7	4.71
8.0 9.0	0.307	49.5	11.62	36.8	9.01	92.9	6.56	46.1	4.59
9.0 10.0	0.222	35.5	14.55	33.7	9.57	95.8	6.54	40.5	5.14
10.0 11.0	0.248	39.0	13.63	30.5	10.36	81.5	7.18	40.6	5.14
11.0 12.0	0.251	38.3	13.75	26.6	11.51	84.3	7.01	39.0	5.30
12.0 13.0	0.263	45.3	12.15	34.4	9.48	94.8	6.60	43.4	4.84
13.0 14.0	0.275	48.9	11.62	35.9	9.08	97.4	6.46	42.8	4.84
14.0 15.0	0.233	46.8	12.07	38.6	8.73	117.8	5.95	51.7	4.16
15.0 16.0	0.275	54.0	11.01	40.7	8.37	116.7	5.95	54.0	3.98
16.0 18.0	0.287	48.0	11.84	41.7	8.26	107.3	6.19	50.1	4.25
18.0 20.0	0.226	36.9	14.13	24.5	12.32	80.2	7.22	40.4	5.14
20.0 22.0	0.217	36.3	14.41	14.7	19.74	69.6	7.97	29.8	6.89
22.0 24.0	0.162	25.6	18.97	9.6	29.61	42.2	11.63	18.6	10.90
24.0 26.0	0.123	16.9	27.34	7.9	35.75	24.2	19.13	11.7	17.01
26.0 28.0	0.111	11.6	33.83	4.9	56.58	19.3	23.71	10.3	19.25
28.0 30.0	0.115	17.9	25.99	6.2	45.23	35.0	13.73	10.4	19.25
30.0 35.0	0.124	16.9	27.34	5.4	52.20	16.8	27.01	9.0	22.17
35.0 40.0	0.180	20.1	23.20	7.8	35.75	24.0	19.13	14.4	13.81
45.0 50.0	0.181	22.6	21.02	7.8	35.75	20.9	21.94	11.7	17.01

TABLE 11A (continued)

VERTICAL DISTRIBUTION OF METALS

STATION: EPA-SR-75-49

INTERVAL (CM)		FRACTION SOLUBLE	SR MG/KG	SR % ERROR	BA MG/KG	BA % ERROR	K MG/KG	K % ERROR	FE MG/KG	FE % ERROR	CA MG/KG	CA % ERROR
0.0	1.0	0.278	45.8	6.48	86.0	36.35	4403.5	4.51	18502.5	4.09	35363.1	4.81
1.0	2.0	0.307	52.5	5.76	92.0	33.72	4911.7	4.02	18814.1	4.00	39334.8	4.53
2.0	3.0	0.310	56.3	5.48	97.0	32.18	5422.0	3.66	19126.8	3.96	41131.5	4.44
3.0	4.0	0.300	56.1	4.21	90.0	23.85	5368.0	2.55	19154.5	2.90	41003.1	3.82
4.0	5.0	0.289	54.9	4.21	83.5	25.02	4849.3	2.74	18415.0	2.94	41020.5	3.80
5.0	6.0	0.303	57.6	4.19	94.8	23.14	5463.8	2.55	19321.3	2.92	42192.1	3.81
6.0	7.0	0.287	53.2	4.37	87.8	24.62	4627.9	2.95	17790.1	3.08	39838.0	3.87
7.0	8.0	0.286	52.8	4.39	86.2	25.02	4880.8	2.81	17969.8	3.06	38715.4	3.90
8.0	9.0	0.257	47.2	4.70	78.0	27.31	4026.9	3.34	16696.9	3.22	35392.9	4.02
9.0	10.0	0.251	46.9	4.67	79.8	26.34	4249.6	3.13	16419.1	3.22	35270.1	4.00
10.0	11.0	0.286	52.4	4.42	88.1	24.62	5271.9	2.62	19411.3	2.90	37452.4	3.95
11.0	12.0	0.287	54.9	4.26	99.1	21.86	5388.1	2.53	19250.0	2.88	38378.2	3.90
12.0	13.0	0.260	50.4	4.50	88.6	24.23	4380.5	3.07	17464.7	3.10	34991.9	4.03
13.0	14.0	0.242	50.2	4.44	78.9	26.34	3834.9	3.41	16564.2	3.17	33528.8	4.05
14.0	15.0	0.241	53.4	4.37	78.5	27.31	4220.4	3.22	17141.3	3.17	32202.4	4.17
15.0	16.0	0.220	53.5	4.35	79.5	26.82	4063.2	3.31	16319.1	3.27	30148.3	4.27
16.0	18.0	0.234	56.4	4.21	81.0	26.34	4188.2	3.22	16664.7	3.22	32860.1	4.13
18.0	20.0	0.163	33.2	6.09	52.9	39.47	2576.0	5.15	11365.2	4.41	23940.4	4.79
20.0	22.0	0.251	51.4	4.47	92.8	23.49	4976.2	2.76	19578.9	2.88	27875.7	4.44
22.0	24.0	0.228	52.9	4.37	93.5	23.14	4557.1	2.97	18195.5	3.02	29431.3	4.31
24.0	26.0	0.180	40.4	5.24	63.9	32.93	3448.5	3.88	14288.6	3.64	22759.2	4.92
26.0	28.0	0.184	32.9	6.09	62.0	33.72	3140.2	4.22	13355.3	3.83	18135.4	5.64
28.0	30.0	0.108	23.4	8.19	43.3	47.81	2281.3	5.79	9369.4	4.95	12349.6	7.55
30.0	35.0	0.092	20.8	9.04	36.9	55.80	1522.9	8.60	8033.8	6.01	11629.8	7.91
35.0	40.0	0.123	24.6	7.76	44.4	46.17	2090.9	6.24	9345.8	5.19	17153.6	5.84
35.0	40.0	0.125	20.9	9.04	40.1	51.49	1858.5	7.07	9080.5	5.37	16849.3	5.95
40.0	45.0	0.219	29.0	6.66	56.2	36.35	2550.5	5.07	10227.1	4.73	36158.3	3.96

VERTICAL DISTRIBUTION OF METALS

TABLE 11A (continued)

STATION: EPA-SR-75-49

INTERVAL (CM)	MG MG/KG	MG % ERROR	CR MG/KG	CR % ERROR	PB MG/KG	PB % ERROR	NI MG/KG	NI % ERROR	ZN MG/KG	ZN % ERROR
0.0 1.0	20374.1	8.47	58.0	11.26	62.3	38.68	24.2	117.89	97.4	6.34
1.0 2.0	22150.5	7.96	63.5	10.29	65.0	36.69	25.3	114.19	107.8	5.79
2.0 3.0	22550.1	7.89	64.9	10.12	55.0	43.42	26.4	111.58	103.8	5.98
3.0 4.0	22009.6	6.45	62.4	7.51	60.5	26.47	23.2	98.47	102.8	4.48
4.0 5.0	21983.7	6.39	62.7	7.37	63.7	24.65	31.7	89.68	105.3	4.35
5.0 6.0	22174.9	6.48	63.5	7.51	62.8	25.99	30.4	91.21	106.6	4.42
6.0 7.0	20206.5	6.74	60.5	7.75	62.3	25.99	28.8	92.29	104.9	4.45
7.0 8.0	20664.8	6.67	62.2	7.59	64.6	25.08	28.1	92.90	97.2	4.68
8.0 9.0	19458.0	6.86	57.8	8.01	51.8	31.08	26.0	94.88	91.0	4.89
9.0 10.0	19366.9	6.82	56.1	8.11	54.4	29.17	25.9	94.49	84.8	5.08
10.0 11.0	22078.3	6.48	60.7	7.75	56.8	28.59	26.9	94.11	88.7	5.00
11.0 12.0	21700.1	6.48	62.9	7.44	59.2	26.97	21.6	100.95	93.9	4.75
12.0 13.0	18913.9	6.94	60.0	7.75	49.3	32.50	20.5	103.56	85.8	5.08
13.0 14.0	17610.7	7.12	58.6	7.75	49.3	31.77	21.5	100.61	83.9	5.08
14.0 15.0	15961.5	7.68	59.8	7.84	51.0	31.77	20.2	104.82	84.8	5.17
15.0 16.0	14267.7	8.20	56.9	8.11	43.8	36.69	19.9	105.26	81.3	5.31
16.0 18.0	15839.5	7.68	55.3	8.30	47.2	34.05	19.5	106.18	77.5	5.51
18.0 20.0	13210.8	8.67	33.9	12.75	26.9	59.94	13.9	130.55	47.0	8.43
20.0 22.0	16640.3	7.49	72.3	6.80	56.7	28.59	21.7	101.65	92.6	4.85
22.0 24.0	15369.9	7.81	65.9	7.23	55.1	29.17	20.2	104.39	89.8	4.93
24.0 26.0	12058.3	9.23	47.1	9.50	38.3	42.13	16.7	115.61	66.2	6.26
26.0 28.0	10377.8	9.93	37.0	11.71	33.5	47.80	14.9	124.08	54.4	7.37
28.0 30.0	8015.1	12.81	23.1	18.31	13.2	121.91	11.2	153.71	26.8	14.31
30.0 35.0	7314.2	13.83	19.7	21.27	13.2	121.91	9.4	179.14	20.0	18.99
35.0 40.0	10604.5	10.09	27.0	15.64	14.2	112.23	10.2	164.70	22.7	16.64
35.0 40.0	11146.3	9.78	22.2	18.97	15.5	103.98	10.1	167.17	21.9	17.35
40.0 45.0	22765.0	6.31	24.2	17.13	24.0	65.48	12.1	141.39	22.3	16.64

TABLE 11A (continued)

VERTICAL DISTRIBUTION OF METALS

STATION: EPA-SR-75-49

INTERVAL (CM)		CU MG/KG	CU % ERROR	MN MG/KG	MN % ERROR
0.0	1.0	35.7	8.31	400.9	17.28
1.0	2.0	39.0	7.72	263.6	25.30
2.0	3.0	38.5	7.81	277.8	24.14
3.0	4.0	38.1	6.05	283.9	16.30
4.0	5.0	39.3	5.87	269.2	16.77
5.0	6.0	40.1	5.94	289.0	16.30
6.0	7.0	38.1	6.08	268.8	17.28
7.0	8.0	35.6	6.33	259.9	17.83
8.0	9.0	34.2	6.47	249.9	18.41
9.0	10.0	33.3	6.51	245.9	18.41
10.0	11.0	35.7	6.33	251.6	18.41
11.0	12.0	37.6	6.08	256.1	17.83
12.0	13.0	35.3	6.33	230.8	19.72
13.0	14.0	36.5	6.12	234.3	19.04
14.0	15.0	37.4	6.16	233.4	19.72
15.0	16.0	36.7	6.20	258.5	17.83
16.0	18.0	34.2	6.47	285.4	16.30
18.0	20.0	16.8	11.11	187.7	24.14
20.0	22.0	39.9	5.94	323.8	14.68
22.0	24.0	38.7	6.01	303.0	15.44
24.0	26.0	27.2	7.54	232.3	19.72
26.0	28.0	17.5	10.65	213.3	21.26
28.0	30.0	6.8	25.93	160.6	28.02
30.0	35.0	4.7	37.15	133.1	33.49
35.0	40.0	4.7	37.15	185.6	24.14
35.0	40.0	4.7	37.15	169.2	26.59
40.0	45.0	6.2	27.58	235.6	19.04

Key to Table 12A.

PCI:	Total cesium - 137 activity measured in a core from each station. One pCi (pico Curie or 10^{-12} Curies) equals 2.22 disintegrations per minute or 3.7×10^{-2}.
STD. DEV.:	One standard deviation based on counting statistics.
PCI/CM2:	Total cesium -137 activity (pCi) per square centimeter at each station.

TABLE 12A
Total Cesium -137 Activity in Cores

STATION SUMMARY- CS-137

STATION	TOTAL CS-137 PCI	STD.DEV.	PCI/CM2	STD.DEV.
EPA-SB-75-1A	377.65	3.88	11.79	0.12
EPA-SB-75-2A	382.11	5.08	12.80	0.18
EPA-SB-75-5A	470.86	6.73	14.15	0.20
EPA-SB-75-6A	402.12	4.62	11.16	0.12
EPA-SB-75-7D-SC	798.54	6.70	40.48	0.34
EPA-SB-75-10-1	1042.01	7.07	26.53	0.18
EPA-SB-75-11A	239.40	5.04	9.17	0.21
EPA-SB-75-12	641.75	2.79	17.70	0.07
EPA-SB-75-15A	12.42	2.26	0.22	0.05
EPA-SB-75-16-1	345.75	4.77	9.23	0.13
EPA-SB-75-17A	353.32	4.05	10.21	0.23
EPA-SB-75-18-1	592.94	4.90	20.66	0.17
EPA-SB-75-22	425.58	5.47	11.93	0.15
EPA-SB-75-23-1	472.41	6.10	13.41	0.17
EPA-SB-75-24-1	486.15	5.17	11.95	0.13
EPA-SB-75-25-1	752.74	5.18	21.11	0.14
EPA-SB-75-28A	450.78	7.26	11.71	0.19
EPA-SB-75-29-1	407.29	5.11	11.55	0.15
EPA-SB-75-30A-SC	394.53	5.25	13.89	0.19
EPA-SB-75-32	244.83	3.58	6.75	0.12
EPA-SB-75-34A	539.09	5.81	14.82	0.16
EPA-SB-75-35-1	509.14	6.27	14.04	0.17
EPA-SB-75-37-1	91.82	2.98	3.36	0.09
EPA-SB-75-38	547.03	4.92	15.97	0.16
EPA-SB-75-40-1	478.72	6.12	13.33	0.17
EPA-SB-75-41-1	517.97	4.53	14.86	0.13
EPA-SB-75-42A	417.61	6.07	11.53	0.17
EPA-SB-75-43	625.24	5.45	17.11	0.15
EPA-SB-75-44A	7.76	1.75	0.19	0.04
EPA-SB-75-46-1	533.95	4.82	15.93	0.14
EPA-SB-75-47-1	315.67	4.44	8.22	0.11
EPA-SB-75-48	626.15	4.72	17.28	0.13
EPA-SB-75-49	1232.82	6.29	36.24	0.20
EPA-SB-75-50A	877.09	5.53	20.90	0.13
EPA-SB-75-55	103.02	3.55	2.75	0.09

Key to Tables 13A. and 14A.

INTERVAL:	Depth of sample below the sediment-water interface, in centimeters.
PCI/GM:	Activity in pico Curies per gram dry weight of sediment.
STD. DEV.:	Standard deviation of PCI/GM based on counting statistics.
PCI/CM2:	Number of pico Curies per square centimeter in a given interval.

TABLE 13A
Vertical Distribution of Cesium -137 in Cores

CS-137 ACTIVITY

STATION: EPA-SR-75-1A

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	4.884	0.106	0.726	0.016
1.0	2.0	5.322	0.225	1.363	0.058
2.0	3.0	4.451	0.080	1.300	0.023
3.0	4.0	4.109	0.070	1.292	0.022
4.0	5.0	3.281	0.052	1.375	0.022
5.0	6.0	2.314	0.026	1.137	0.013
6.0	7.0	1.965	0.033	1.373	0.023
7.0	8.0	1.447	0.033	1.242	0.029
8.0	9.0	0.922	0.058	0.894	0.056
9.0	10.0	0.647	0.046	0.694	0.049
10.0	11.0	0.192	0.029	0.199	0.029
11.0	12.0	0.181	0.039	0.204	0.044

STATION: EPA-SR-75-2A

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	2.223	0.666	0.280	0.094
1.0	2.0	3.345	0.200	0.975	0.059
2.0	3.0	2.306	0.096	1.078	0.045
3.0	4.0	2.271	0.072	1.108	0.035
4.0	5.0	2.429	0.127	1.169	0.061
5.0	6.0	1.834	0.084	1.072	0.049
6.0	7.0	1.437	0.071	1.030	0.051
7.0	8.0	2.083	0.091	1.390	0.061
8.0	9.0	2.852	0.117	1.678	0.069
9.0	10.0	1.857	0.047	1.326	0.033
10.0	11.0	1.453	0.056	1.246	0.048
11.0	12.0	0.484	0.033	0.457	0.031
12.0	13.0	-0.016	0.032	-0.015	0.030
13.0	14.0	-0.136	0.030	-0.114	0.025

CS-137 ACTIVITY

STATION: EPA-SR-75-5A

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	4.902	0.201	0.695	0.029
1.0	2.0	5.408	0.388	0.962	0.069
2.0	3.0	4.883	0.316	1.049	0.048
3.0	4.0	4.639	0.286	1.081	0.067
4.0	5.0	4.630	0.230	1.161	0.058
5.0	6.0	4.491	0.184	1.202	0.049
6.0	7.0	4.105	0.169	1.177	0.048
7.0	8.0	4.255	0.252	1.225	0.072
8.0	9.0	4.436	0.189	1.216	0.052
9.0	10.0	3.936	0.204	1.272	0.066
10.0	11.0	3.757	0.085	1.255	0.029
11.0	12.0	2.548	0.111	1.049	0.046
12.0	13.0	1.056	0.086	0.486	0.040
13.0	14.0	0.403	0.050	0.207	0.026
14.0	16.0	0.101	0.030	0.114	0.034

STATION: EPA-SR-75-6A

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	3.560	0.252	0.567	0.040
1.0	2.0	3.572	0.141	0.767	0.030
2.0	3.0	3.417	0.149	0.795	0.035
3.0	4.0	3.301	0.085	0.849	0.022
4.0	5.0	3.287	0.083	0.916	0.023
5.0	6.0	3.319	0.124	1.030	0.039
6.0	7.0	3.105	0.079	1.012	0.026
7.0	8.0	3.077	0.106	1.036	0.035
8.0	9.0	2.900	0.126	1.319	0.057
9.0	10.0	1.915	0.056	0.851	0.025
10.0	11.0	1.699	0.072	0.937	0.040
11.0	12.0	1.665	0.050	0.994	0.030
12.0	13.0	0.135	0.061	0.088	0.040
14.0	16.0	-0.154	0.033	-0.192	0.041

TABLE 13A (continued)

CS-137 ACTIVITY

STATION: EPA-SR-75-7D-SC

INTERVAL (CM)	CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0 1.0	5.284	0.282	0.436	0.023
1.0 2.0	6.958	0.274	1.033	0.041
2.0 3.0	7.826	0.250	1.291	0.041
3.0 4.0	8.010	0.194	1.453	0.035
4.0 5.0	8.130	0.248	1.609	0.049
5.0 6.0	7.386	0.272	1.584	0.058
6.0 7.0	6.652	0.311	1.646	0.077
7.0 8.0	8.492	0.298	2.381	0.084
8.0 9.0	8.329	0.275	2.748	0.091
9.0 10.0	8.166	0.276	3.098	0.105
10.0 11.0	8.219	0.240	3.760	0.107
11.0 12.0	7.076	0.214	3.501	0.106
12.0 13.0	8.242	0.144	4.486	0.079
13.0 14.0	9.071	0.229	5.087	0.128
14.0 16.0	4.326	0.124	5.709	0.164
16.0 18.0	0.539	0.041	0.764	0.059
18.0 20.0	0.033	0.050	0.049	0.075

STATION: EPA-SR-75-10-1

INTERVAL (CM)	CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0 1.0	4.909	0.090	0.572	0.011
1.0 2.0	0.0	0.003	0.0	0.001
2.0 3.0	5.296	0.123	1.009	0.023
3.0 4.0	5.190	0.148	1.049	0.030
4.0 5.0	5.219	0.126	1.106	0.027
5.0 6.0	5.219	0.162	1.154	0.036
6.0 7.0	5.691	0.190	1.312	0.044
7.0 8.0	5.594	0.212	1.326	0.050
8.0 9.0	5.166	0.183	1.271	0.045
9.0 10.0	5.632	0.202	1.434	0.051
10.0 11.0	5.892	0.073	1.551	0.019
11.0 12.0	6.178	0.167	1.661	0.045
12.0 13.0	6.701	0.160	1.876	0.045
13.0 14.0	7.389	0.214	2.056	0.060
14.0 15.0	7.211	0.083	2.078	0.024
15.0 16.0	6.154	0.166	1.857	0.050
16.0 18.0	3.576	0.096	2.384	0.064
18.0 20.0	1.949	0.080	1.446	0.060
20.0 22.0	1.139	0.021	0.936	0.017
22.0 24.0	0.354	0.027	0.357	0.027
24.0 26.0	0.085	0.028	0.099	0.032

CS-137 ACTIVITY

STATION: EPA-SR-75-11A

INTERVAL (CM)	CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0 1.0	2.358	0.648	0.348	0.096
1.0 2.0	2.802	0.354	0.592	0.075
2.0 3.0	2.915	0.246	0.639	0.054
3.0 4.0	3.442	0.258	0.778	0.058
4.0 5.0	3.000	0.329	0.725	0.079
5.0 6.0	2.619	0.127	0.661	0.032
6.0 7.0	2.697	0.164	0.801	0.049
7.0 8.0	2.657	0.148	0.857	0.048
8.0 9.0	1.905	0.109	0.715	0.040
9.0 10.0	1.339	0.067	0.632	0.032
10.0 11.0	0.569	0.052	0.310	0.029
11.0 12.0	1.073	0.072	0.542	0.036
12.0 13.0	1.928	0.114	0.924	0.049
13.0 14.0	0.986	0.094	0.524	0.045
14.0 16.0	0.191	0.038	0.232	0.046
16.0 19.0	-0.230	0.032	-0.273	0.038

STATION: EPA-SR-75-12

INTERVAL (CM)	CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0 1.0	5.974	0.124	1.038	0.022
1.0 2.0	5.818	0.105	1.199	0.022
2.0 3.0	6.081	0.095	1.320	0.021
3.0 4.0	5.089	0.092	1.363	0.025
4.0 5.0	5.013	0.068	1.592	0.022
5.0 6.0	4.641	0.068	1.432	0.021
6.0 7.0	5.190	0.078	1.539	0.023
7.0 8.0	4.879	0.069	1.520	0.021
8.0 9.0	4.673	0.054	1.574	0.018
9.0 10.0	4.867	0.049	1.713	0.017
10.0 11.0	4.745	0.047	1.856	0.019
11.0 12.0	1.718	0.036	0.854	0.018
12.0 13.0	0.687	0.031	0.326	0.015
13.0 14.0	0.280	0.029	0.133	0.014
14.0 15.0	0.259	0.033	0.123	0.015
15.0 16.0	0.254	0.031	0.122	0.015

STATION: EPA-SR-75-15A

INTERVAL (CM)	CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0 1.0	0.167	0.019	0.154	0.017
1.0 2.0	0.045	0.034	0.067	0.050
2.0 3.0	-0.005	0.018	-0.008	0.028

TABLE 13A (continued)

CS-137 ACTIVITY

STATION: EPA-SB-75-16-1

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	3.264	0.289	0.547	0.048
1.0	2.0	3.292	0.200	0.800	0.049
2.0	3.0	3.247	0.109	0.867	0.029
3.0	4.0	2.921	0.157	0.919	0.049
4.0	5.0	2.712	0.108	0.912	0.036
5.0	6.0	2.916	0.071	0.987	0.024
6.0	7.0	2.657	0.096	0.953	0.034
7.0	8.0	2.705	0.078	1.020	0.029
8.0	9.0	2.330	0.092	0.968	0.034
9.0	10.0	1.533	0.090	0.710	0.037
10.0	11.0	0.718	0.090	0.378	0.049
11.0	12.0	0.302	0.021	0.175	0.012
12.0	13.0	-0.041	0.045	-0.026	0.028

STATION: EPA-SB-75-17A

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	3.565	0.119	0.689	0.023
1.0	2.0	4.461	0.847	1.090	0.207
2.0	3.0	3.285	0.119	0.951	0.034
3.0	4.0	2.776	0.079	0.959	0.027
4.0	5.0	2.553	0.112	0.989	0.043
5.0	6.0	2.621	0.096	1.049	0.038
6.0	7.0	2.272	0.091	0.991	0.040
7.0	8.0	2.360	0.055	1.057	0.025
8.0	9.0	2.492	0.085	1.067	0.036
9.0	10.0	1.807	0.042	0.871	0.020
10.0	11.0	0.689	0.040	0.375	0.022
11.0	12.0	0.216	0.043	0.127	0.025

CS-137 ACTIVITY

STATION: EPA-SB-75-18-1

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	4.048	0.194	0.449	0.021
1.0	2.0	5.289	0.254	0.930	0.045
2.0	3.0	5.512	0.240	1.216	0.053
3.0	4.0	4.929	0.134	1.243	0.034
4.0	5.0	4.953	0.165	1.329	0.045
5.0	6.0	5.403	0.146	1.519	0.041
6.0	7.0	4.828	0.139	1.335	0.038
7.0	8.0	4.520	0.134	1.267	0.039
8.0	9.0	4.822	0.143	1.463	0.043
9.0	10.0	4.377	0.115	1.500	0.039
10.0	11.0	3.967	0.071	1.416	0.025
11.0	12.0	3.680	0.095	1.322	0.034
12.0	13.0	3.189	0.102	1.228	0.039
13.0	14.0	3.539	0.119	1.669	0.056
14.0	15.0	3.175	0.116	1.711	0.062
15.0	16.0	1.290	0.085	0.717	0.047
16.0	18.0	0.341	0.042	0.352	0.044
18.0	20.0	-0.175	0.039	-0.180	0.040

STATION: EPA-SB-75-22

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	2.849	0.145	0.534	0.027
1.0	2.0	2.238	0.113	0.741	0.037
2.0	3.0	2.832	0.089	0.789	0.025
3.0	4.0	2.472	0.061	0.888	0.022
4.0	5.0	2.260	0.126	0.892	0.050
5.0	6.0	2.376	0.126	0.975	0.052
6.0	7.0	2.782	0.126	1.076	0.049
7.0	8.0	3.288	0.151	1.169	0.054
8.0	9.0	2.993	0.147	1.155	0.057
9.0	10.0	2.344	0.105	1.043	0.047
10.0	11.0	2.329	0.083	1.074	0.039
11.0	12.0	1.913	0.056	0.936	0.027
12.0	13.0	0.864	0.045	0.531	0.028
13.0	14.0	0.167	0.036	0.125	0.027
14.0	15.0	-0.016	0.061	-0.012	0.046

CS-137 ACTIVITY

STATION: EPA-SR-75-23-1

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	5.532	0.249	0.605	0.027
1.0	2.0	3.912	0.383	0.722	0.071
2.0	3.0	3.322	0.104	0.884	0.028
3.0	4.0	2.730	0.073	0.841	0.022
4.0	5.0	2.757	0.118	0.969	0.042
5.0	6.0	2.718	0.139	1.013	0.052
6.0	7.0	2.534	0.129	1.028	0.052
7.0	8.0	2.626	0.099	1.040	0.039
8.0	9.0	2.835	0.133	1.111	0.052
9.0	10.0	2.765	0.068	1.091	0.027
10.0	11.0	2.453	0.137	1.075	0.060
11.0	12.0	2.498	0.114	1.138	0.052
12.0	13.0	2.026	0.108	0.979	0.052
13.0	14.0	0.976	0.045	0.538	0.025
14.0	15.0	0.416	0.043	0.241	0.025
15.0	16.0	0.260	0.088	0.144	0.049

STATION: EPA-SR-75-24-1

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	4.136	0.277	0.653	0.044
1.0	2.0	4.188	0.267	0.749	0.048
2.0	3.0	3.905	0.164	0.718	0.030
3.0	4.0	3.596	0.199	0.759	0.042
4.0	5.0	3.386	0.133	0.795	0.031
5.0	6.0	3.665	0.146	0.868	0.035
6.0	7.0	3.999	0.095	0.944	0.023
7.0	8.0	3.587	0.175	0.894	0.044
8.0	9.0	3.935	0.132	0.986	0.033
9.0	10.0	3.420	0.095	0.916	0.025
10.0	11.0	3.140	0.107	0.922	0.032
11.0	12.0	3.082	0.107	0.973	0.034
12.0	13.0	3.006	0.099	0.956	0.031
13.0	14.0	1.741	0.091	0.557	0.026
14.0	15.0	0.616	0.044	0.204	0.021
15.0	16.0	0.152	0.050	0.057	0.019
16.0	18.0	-0.016	0.034	-0.012	0.026

CS-137 ACTIVITY

TABLE 13A (continued)

STATION: EPA-SR-75-25-1

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	6.853	0.311	0.679	0.031
1.0	2.0	5.544	0.187	0.941	0.032
2.0	3.0	6.197	0.197	1.084	0.034
3.0	4.0	6.201	0.172	1.198	0.033
4.0	5.0	6.316	0.124	1.278	0.025
5.0	6.0	5.429	0.158	1.152	0.034
6.0	7.0	5.562	0.144	1.261	0.033
7.0	8.0	6.539	0.163	1.507	0.038
8.0	9.0	6.214	0.152	1.488	0.036
9.0	10.0	6.519	0.142	1.581	0.034
10.0	11.0	6.058	0.124	1.537	0.031
11.0	12.0	6.421	0.159	1.654	0.041
12.0	13.0	5.393	0.177	1.524	0.046
13.0	14.0	5.708	0.148	1.523	0.039
14.0	15.0	5.351	0.142	1.468	0.039
15.0	16.0	3.216	0.104	0.992	0.032
16.0	18.0	0.344	0.050	0.246	0.036
18.0	20.0	-0.202	0.035	-0.147	0.025
20.0	22.0	-0.255	0.050	-0.181	0.036
22.0	24.0	-0.257	0.032	-0.190	0.024

STATION: EPA-SR-75-29A

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	2.541	0.123	0.584	0.029
1.0	2.0	2.681	0.239	0.737	0.066
2.0	3.0	2.716	0.086	0.936	0.030
3.0	4.0	2.531	0.138	0.961	0.053
4.0	5.0	2.618	0.194	0.981	0.073
5.0	6.0	2.735	0.114	1.122	0.047
6.0	7.0	2.614	0.125	1.187	0.057
7.0	8.0	2.714	0.119	1.189	0.052
8.0	9.0	2.472	0.094	1.160	0.045
9.0	10.0	2.308	0.155	1.146	0.077
10.0	11.0	1.980	0.091	1.068	0.049
11.0	12.0	0.686	0.088	0.439	0.059
12.0	13.0	0.254	0.030	0.202	0.024
13.0	14.0	0.029	0.075	0.025	0.063
14.0	16.0	-0.301	0.030	-0.002	0.050

CS-137 ACTIVITY

STATION: EPA-SR-75-29-1

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	3.932	0.200	0.698	0.036
1.0	2.0	3.762	0.301	1.060	0.085
2.0	3.0	2.883	0.078	0.990	0.027
3.0	4.0	2.495	0.064	0.982	0.025
4.0	5.0	2.227	0.092	0.944	0.039
5.0	6.0	2.433	0.095	1.028	0.040
6.0	7.0	2.608	0.078	1.094	0.033
7.0	8.0	2.244	0.042	0.997	0.027
8.0	9.0	2.104	0.101	1.011	0.048
9.0	10.0	1.870	0.080	0.948	0.041
10.0	11.0	1.414	0.080	0.752	0.043
11.0	12.0	0.816	0.042	0.474	0.025
12.0	13.0	0.469	0.044	0.300	0.028
13.0	14.0	0.214	0.040	0.146	0.027
14.0	15.0	0.061	0.035	0.044	0.026
15.0	16.0	0.122	0.042	0.088	0.030

STATION: EPA-SR-75-30ASC

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	4.225	0.142	1.088	0.037
1.0	2.0	4.278	0.207	1.205	0.058
2.0	3.0	3.101	0.177	0.908	0.052
3.0	4.0	3.721	0.146	1.015	0.046
4.0	5.0	3.223	0.144	1.092	0.049
5.0	6.0	3.147	0.128	1.142	0.046
6.0	7.0	3.061	0.199	1.144	0.074
7.0	8.0	2.707	0.083	1.019	0.031
8.0	9.0	2.894	0.126	1.121	0.049
9.0	10.0	2.890	0.153	1.148	0.061
10.0	11.0	2.403	0.062	0.996	0.026
11.0	12.0	1.185	0.059	0.508	0.025
12.0	13.0	1.046	0.083	0.532	0.042
13.0	14.0	0.909	0.109	0.483	0.058
14.0	16.0	0.444	0.055	0.489	0.061

CS-137 ACTIVITY

TABLE 13A (continued)

STATION: EPA-SR-75-32

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	1.457	0.368	0.281	0.071
1.0	2.0	3.264	0.271	0.530	0.044
2.0	3.0	2.698	0.174	0.707	0.046
3.0	4.0	2.591	0.071	0.890	0.024
4.0	5.0	3.500	0.082	1.527	0.036
5.0	6.0	2.312	0.072	1.094	0.034
6.0	7.0	1.614	0.051	0.999	0.029
7.0	8.0	0.915	0.035	0.757	0.029
8.0	9.0	0.056	0.023	0.075	0.031
9.0	10.0	-0.072	0.016	-0.095	0.021

STATION: EPA-SR-75-34A

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	3.553	0.272	0.312	0.024
1.0	2.0	3.599	0.287	0.905	0.070
2.0	3.0	3.514	0.104	0.930	0.028
3.0	4.0	3.421	0.143	1.066	0.045
4.0	5.0	3.099	0.113	1.055	0.038
5.0	6.0	3.296	0.110	1.216	0.040
6.0	7.0	2.941	0.115	1.173	0.046
7.0	8.0	2.560	0.138	1.179	0.064
8.0	9.0	2.941	0.123	1.287	0.054
9.0	10.0	3.066	0.116	1.294	0.049
10.0	11.0	2.737	0.122	1.246	0.055
11.0	12.0	2.303	0.041	1.203	0.022
12.0	13.0	1.778	0.043	1.008	0.024
13.0	14.0	1.006	0.034	0.669	0.023
14.0	16.0	0.168	0.020	0.278	0.033

STATION: EPA-SR-75-35-1

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	3.828	0.137	0.634	0.023
1.0	2.0	2.710	0.168	0.752	0.047
2.0	3.0	2.963	0.121	0.913	0.039
3.0	4.0	2.781	0.174	0.936	0.058
4.0	5.0	3.073	0.142	1.068	0.049
5.0	6.0	2.958	0.149	1.097	0.055
6.0	7.0	2.558	0.114	1.092	0.049
7.0	8.0	3.259	0.122	1.322	0.049
8.0	9.0	2.736	0.137	1.129	0.056
9.0	10.0	2.831	0.150	1.158	0.061
10.0	11.0	2.760	0.065	1.206	0.028
11.0	12.0	2.719	0.114	1.241	0.052
12.0	13.0	1.751	0.050	0.898	0.026
13.0	14.0	0.795	0.046	0.457	0.027
14.0	15.0	0.200	0.039	0.142	0.028

CS-137 ACTIVITY

STATION: EPA-SB-75-36-1

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	2.558	0.147	0.412	0.024
1.0	2.0	2.629	0.144	0.737	0.040
2.0	3.0	2.597	0.081	0.837	0.026
3.0	4.0	2.511	0.094	0.849	0.032
4.0	5.0	2.408	0.084	0.828	0.029
5.0	6.0	2.391	0.081	0.858	0.029
6.0	7.0	2.582	0.079	0.975	0.030
7.0	8.0	2.444	0.053	0.963	0.021
8.0	9.0	2.448	0.050	1.001	0.020
9.0	10.0	2.228	0.051	0.942	0.021
10.0	11.0	2.222	0.046	1.005	0.021
11.0	12.0	1.063	0.031	0.566	0.016
12.0	13.0	0.485	0.033	0.290	0.020
13.0	14.0	-0.303	0.028	-0.208	0.019

STATION: EPA-SB-75-37-1

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	8.364	0.414	0.792	0.039
2.0	3.0	4.671	0.218	1.134	0.053
3.0	4.0	2.141	0.089	0.910	0.038
4.0	5.0	0.424	0.052	0.367	0.045
5.0	6.0	0.161	0.043	0.163	0.044

STATION: EPA-SB-75-39

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	4.912	0.190	0.643	0.025
1.0	2.0	5.675	0.459	1.124	0.091
2.0	3.0	4.977	0.190	1.070	0.041
3.0	4.0	4.636	0.144	1.142	0.036
4.0	5.0	4.303	0.094	1.164	0.025
5.0	6.0	4.480	0.155	1.163	0.040
6.0	7.0	4.396	0.103	1.171	0.028
7.0	8.0	4.391	0.104	1.247	0.029
8.0	9.0	4.144	0.088	1.219	0.026
9.0	10.0	4.534	0.100	1.331	0.029
10.0	11.0	3.606	0.179	1.191	0.059
11.0	12.0	3.287	0.137	1.232	0.051
12.0	13.0	2.632	0.061	1.034	0.024
13.0	14.0	1.744	0.064	0.718	0.027
14.0	15.0	0.859	0.063	0.408	0.030
15.0	16.0	0.189	0.045	0.116	0.027

TABLE 13A (continued)

CS-137 ACTIVITY

STATION: EPA-SB-75-40-1

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	3.419	0.290	0.517	0.044
1.0	2.0	2.747	0.175	0.581	0.037
2.0	3.0	3.957	0.182	0.973	0.045
3.0	4.0	3.760	0.191	1.012	0.051
4.0	5.0	3.494	0.104	0.997	0.030
5.0	6.0	4.070	0.180	1.133	0.050
6.0	7.0	3.733	0.182	1.132	0.055
7.0	8.0	3.920	0.165	1.257	0.054
8.0	9.0	3.938	0.149	1.303	0.049
9.0	10.0	3.497	0.157	1.265	0.057
10.0	11.0	2.765	0.073	1.079	0.029
11.0	12.0	2.078	0.123	0.864	0.051
12.0	13.0	1.330	0.065	0.574	0.028
13.0	14.0	0.769	0.059	0.362	0.028
14.0	15.0	0.403	0.051	0.208	0.026
15.0	16.0	0.132	0.035	0.079	0.021

STATION: EPA-SB-75-41-1

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	6.890	0.530	0.728	0.056
1.0	2.0	2.438	0.155	0.493	0.031
2.0	3.0	3.827	0.157	0.899	0.037
3.0	4.0	3.449	0.104	0.883	0.027
4.0	5.0	3.271	0.087	1.069	0.029
5.0	6.0	2.856	0.109	1.022	0.039
6.0	7.0	3.516	0.072	1.150	0.024
7.0	8.0	3.330	0.135	1.165	0.047
8.0	9.0	3.290	0.102	1.268	0.040
9.0	10.0	3.756	0.074	1.379	0.027
10.0	11.0	3.325	0.077	1.265	0.029
11.0	12.0	2.994	0.069	1.291	0.030
12.0	13.0	2.317	0.067	1.040	0.030
13.0	14.0	1.684	0.072	0.869	0.037
14.0	15.0	0.529	0.044	0.349	0.029

CS-137 ACTIVITY

STATION: EPA-SB-75-42A

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	3.548	0.232	0.596	0.039
1.0	2.0	3.801	0.310	1.018	0.083
2.0	3.0	3.324	0.147	0.982	0.044
3.0	4.0	3.010	0.131	0.978	0.043
4.0	5.0	2.965	0.136	1.055	0.048
5.0	6.0	3.462	0.162	1.270	0.059
6.0	7.0	3.461	0.119	1.304	0.045
7.0	8.0	3.040	0.119	1.575	0.062
8.0	9.0	2.270	0.069	1.102	0.034
9.0	10.0	1.655	0.059	0.764	0.027
10.0	11.0	0.855	0.053	0.443	0.028
11.0	12.0	0.351	0.072	0.235	0.048
12.0	13.0	0.145	0.033	0.109	0.025
13.0	14.0	0.135	0.034	0.105	0.027

STATION: EPA-SB-75-43

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	3.084	0.174	0.473	0.027
1.0	2.0	2.444	0.172	0.666	0.047
2.0	3.0	2.944	0.147	0.851	0.042
3.0	4.0	2.774	0.107	0.855	0.033
4.0	5.0	2.474	0.116	0.817	0.039
5.0	6.0	2.460	0.121	0.827	0.041
6.0	7.0	2.589	0.083	0.910	0.029
7.0	8.0	2.662	0.103	0.970	0.038
8.0	9.0	2.519	0.074	0.970	0.029
9.0	10.0	2.519	0.095	0.977	0.037
10.0	11.0	2.505	0.095	1.019	0.039
11.0	12.0	2.032	0.062	0.890	0.027
12.0	13.0	2.347	0.102	1.004	0.043
13.0	14.0	2.227	0.062	0.964	0.027
14.0	15.0	3.519	0.074	1.281	0.027
15.0	16.0	4.449	0.111	1.539	0.038
16.0	18.0	2.248	0.035	1.885	0.029
18.0	20.0	0.203	0.046	0.216	0.049
20.0	22.0	-0.152	0.027	-0.199	0.035
22.0	24.0	-0.162	0.031	-0.274	0.052

STATION: EPA-SB-75-44A

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	0.235	0.032	0.155	0.021
1.0	2.0	0.043	0.037	0.042	0.037
2.0	3.0	0.007	0.022	0.009	0.030

CS-137 ACTIVITY

TABLE 13A (continued)

STATION: EPA-SB-75-46-1

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	5.598	0.448	0.225	0.018
1.0	2.0	2.596	0.187	0.462	0.033
2.0	3.0	3.770	0.104	0.827	0.023
3.0	4.0	3.615	0.086	0.904	0.021
4.0	5.0	3.519	0.099	0.958	0.027
5.0	6.0	3.306	0.132	0.996	0.040
6.0	7.0	3.317	0.113	1.103	0.038
7.0	8.0	3.564	0.147	1.257	0.052
8.0	9.0	3.803	0.098	1.380	0.036
9.0	10.0	3.541	0.132	1.303	0.048
10.0	11.0	3.387	0.064	1.335	0.025
11.0	12.0	2.538	0.086	1.200	0.040
12.0	13.0	2.739	0.113	1.260	0.052
13.0	14.0	1.998	0.050	1.068	0.027
14.0	15.0	1.500	0.063	0.747	0.031
15.0	16.0	0.589	0.035	0.423	0.025
16.0	18.0	0.283	0.025	0.484	0.042

STATION: EPA-SB-75-47-1

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	3.661	0.219	0.595	0.036
1.0	2.0	2.281	0.159	0.662	0.046
2.0	3.0	3.007	0.141	0.916	0.043
3.0	4.0	3.902	0.084	1.265	0.027
4.0	5.0	3.016	0.109	1.027	0.037
5.0	6.0	2.897	0.100	1.062	0.037
6.0	7.0	2.602	0.086	1.066	0.035
7.0	8.0	1.793	0.081	0.776	0.035
8.0	9.0	1.049	0.071	0.507	0.034
9.0	10.0	0.349	0.044	0.204	0.026
10.0	11.0	0.251	0.040	0.142	0.023

TABLE 13A (continued)

CS-137 ACTIVITY

STATION: EPA-SB-75-48

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	4.101	0.226	0.534	0.029
1.0	2.0	2.280	0.158	0.603	0.042
2.0	3.0	2.995	0.114	0.949	0.036
3.0	4.0	3.131	0.075	1.021	0.025
4.0	5.0	3.001	0.108	1.040	0.037
5.0	6.0	3.438	0.118	1.251	0.043
6.0	7.0	3.400	0.063	1.276	0.024
7.0	8.0	2.965	0.063	1.293	0.027
8.0	9.0	3.150	0.086	1.438	0.039
9.0	10.0	3.045	0.087	1.443	0.041
10.0	11.0	2.409	0.075	1.349	0.042
11.0	12.0	2.412	0.053	1.385	0.030
12.0	13.0	2.294	0.042	1.359	0.025
13.0	14.0	1.947	0.047	1.200	0.029
14.0	15.0	0.975	0.029	0.740	0.022
15.0	16.0	0.413	0.029	0.400	0.028
16.0	18.0	-0.356	0.024	-0.780	0.052

STATION: EPA-SB-75-49

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	3.059	0.211	0.559	0.038
1.0	2.0	3.164	0.248	1.135	0.089
2.0	3.0	2.615	0.101	0.807	0.031
3.0	4.0	3.155	0.119	1.029	0.039
4.0	5.0	3.010	0.118	1.008	0.040
5.0	6.0	2.993	0.115	1.040	0.040
6.0	7.0	2.828	0.066	1.063	0.025
7.0	8.0	2.873	0.094	1.146	0.037
8.0	9.0	2.792	0.091	1.163	0.038
9.0	10.0	2.446	0.082	1.127	0.038
10.0	11.0	2.790	0.079	1.283	0.036
11.0	12.0	2.563	0.096	1.194	0.045
12.0	13.0	2.629	0.060	1.266	0.029
13.0	14.0	2.732	0.078	1.338	0.038
14.0	15.0	2.973	0.054	1.485	0.027
15.0	16.0	2.894	0.057	1.499	0.030
16.0	18.0	2.962	0.038	3.219	0.042
18.0	20.0	1.315	0.036	2.184	0.060
20.0	22.0	3.529	0.040	3.561	0.040
22.0	24.0	3.582	0.034	4.864	0.046
24.0	26.0	2.139	0.027	2.096	0.026
26.0	28.0	1.102	0.024	1.869	0.040
28.0	30.0	0.139	0.021	0.309	0.047

CS-137 ACTIVITY

STATION: EPA-SB-75-50A

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	5.380	0.225	0.735	0.031
1.0	2.0	5.310	0.274	1.025	0.053
2.0	3.0	5.645	0.153	1.135	0.031
3.0	4.0	5.518	0.191	1.141	0.040
4.0	5.0	5.623	0.111	1.253	0.025
5.0	6.0	5.456	0.157	1.295	0.037
6.0	7.0	5.306	0.076	0.442	0.006
7.0	8.0	5.345	0.202	0.534	0.020
8.0	9.0	5.257	0.086	1.441	0.024
9.0	10.0	5.841	0.142	1.649	0.040
10.0	11.0	5.956	0.083	1.692	0.024
11.0	12.0	6.416	0.173	1.869	0.051
12.0	13.0	5.972	0.088	1.807	0.027
13.0	14.0	4.467	0.114	1.443	0.037
14.0	16.0	2.547	0.047	1.802	0.033
16.0	18.0	1.305	0.039	1.068	0.032
18.0	20.0	0.365	0.024	0.386	0.025
20.0	22.0	0.165	0.023	0.192	0.027

STATION: EPA-SB-75-55

INTERVAL (CM)		CS-137 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	0.085	0.037	0.088	0.038
1.0	2.0	0.254	0.034	0.307	0.041
2.0	3.0	0.534	0.039	0.527	0.038
3.0	4.0	0.562	0.035	0.634	0.039
4.0	5.0	0.502	0.032	0.613	0.039
5.0	6.0	0.260	0.021	0.357	0.030
6.0	7.0	0.160	0.021	0.233	0.030

TABLE 14A
Vertical Distribution of Lead -210 in Selected Cores

PB-210 ACTIVITY

STATION: EPA-SB-75-2A

INTERVAL (CM)		FRACTION SOLUBLE	PB-210 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	0.227	3.349	0.132	0.423	0.017
1.0	2.0	0.197	2.811	0.116	0.819	0.034
2.0	3.0	0.151	2.149	0.096	1.065	0.045
3.0	4.0	0.154	2.000	0.092	0.976	0.045
4.0	5.0	0.160	2.402	0.104	1.156	0.050
5.0	6.0	0.137	1.684	0.082	0.985	0.048
6.0	7.0	0.086	1.219	0.066	0.874	0.047
7.0	8.0	0.124	1.471	0.075	0.981	0.050
8.0	9.0	0.143	1.855	0.087	1.091	0.051
9.0	10.0	0.122	1.460	0.074	1.042	0.053
10.0	11.0	0.098	0.932	0.047	0.799	0.040
11.0	12.0	0.089	0.692	0.039	0.654	0.036
14.0	16.0	0.104	0.369	0.028	0.660	0.050
22.0	24.0	0.096	0.125	0.015	0.263	0.032
35.0	40.0	0.114	0.187	0.018	1.060	0.104

STATION: EPA-SB-75-11A

INTERVAL (CM)		FRACTION SOLUBLE	PB-210 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	0.254	2.663	0.118	0.393	0.017
1.0	2.0	0.251	2.258	0.105	0.477	0.022
2.0	3.0	0.253	2.310	0.107	0.505	0.023
3.0	4.0	0.332	2.852	0.121	0.645	0.027
4.0	5.0	0.234	2.237	0.105	0.541	0.025
5.0	6.0	0.237	1.977	0.096	0.499	0.024
6.0	7.0	0.210	1.620	0.085	0.481	0.025
7.0	8.0	0.209	1.411	0.078	0.455	0.025
8.0	9.0	0.191	1.453	0.079	0.545	0.030
9.0	10.0	0.163	1.196	0.070	0.564	0.033
10.0	11.0	0.130	0.699	0.051	0.381	0.028
11.0	12.0	0.163	1.173	0.069	0.592	0.035
14.0	16.0	0.145	0.479	0.041	0.581	0.050
22.0	24.0	0.210	0.305	0.033	0.330	0.035
35.0	40.0	0.280	0.277	0.031	0.904	0.101

PB-210 ACTIVITY

STATION: EPA-SB-75-16-1

INTERVAL (CM)		FRACTION SOLUBLE	PB-210 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	0.277	3.805	0.156	0.638	0.026
1.0	2.0	0.244	2.775	0.098	0.676	0.024
2.0	3.0	0.246	2.776	0.098	0.741	0.026
3.0	4.0	0.229	2.956	0.103	0.930	0.032
4.0	5.0	0.221	2.862	0.101	0.962	0.034
5.0	6.0	0.215	2.591	0.093	0.877	0.032
6.0	7.0	0.226	2.907	0.102	1.043	0.037
7.0	8.0	0.225	2.492	0.087	0.906	0.033
8.0	9.0	0.227	2.224	0.080	0.924	0.033
9.0	10.0	0.202	1.929	0.074	0.893	0.034
10.0	11.0	0.176	1.368	0.057	0.720	0.030
11.0	12.0	0.175	0.875	0.042	0.508	0.024
12.0	13.0	0.222	0.556	0.031	0.345	0.019
13.0	14.0	0.189	0.499	0.029	0.312	0.018
14.0	15.0	0.208	0.409	0.026	0.248	0.016
15.0	16.0	0.216	0.364	0.024	0.215	0.014
16.0	18.0	0.220	0.401	0.024	0.489	0.030
18.0	20.0	0.217	0.424	0.025	0.556	0.033
20.0	22.0	0.230	0.409	0.025	0.569	0.034
22.0	24.0	0.269	0.417	0.025	0.578	0.034
24.0	26.0	0.244	0.391	0.024	0.556	0.034
26.0	28.0	0.236	0.423	0.025	0.588	0.035
28.0	30.0	0.234	0.458	0.027	0.576	0.033
30.0	35.0	0.228	0.458	0.026	1.545	0.089
35.0	40.0	0.286	0.255	0.019	0.934	0.068
40.0	45.0	0.297	0.307	0.021	1.119	0.076
45.0	50.0	0.301	0.231	0.018	0.855	0.065
50.0	55.0	0.302	0.316	0.021	1.139	0.076
55.0	60.0	0.312	0.340	0.022	1.231	0.078

PB-210 ACTIVITY

TABLE 14A (continued)

STATION: EPA-SB-75-25-1

INTERVAL (CM)		FRACTION SOLUBLE	PB-210 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	0.349	4.080	0.154	0.404	0.015
1.0	2.0	0.388	4.668	0.188	0.792	0.032
2.0	3.0	0.367	3.834	0.157	0.671	0.027
3.0	4.0	0.337	3.945	0.141	0.762	0.027
4.0	5.0	0.284	3.198	0.124	0.647	0.025
5.0	6.0	0.344	2.777	0.111	0.590	0.024
6.0	7.0	0.354	3.935	0.141	0.892	0.032
7.0	8.0	0.344	4.329	0.152	0.998	0.035
8.0	9.0	0.335	4.360	0.162	1.044	0.039
9.0	10.0	0.321	2.317	0.101	0.562	0.025
10.0	11.0	0.310	3.766	0.140	0.955	0.035
11.0	12.0	0.313	3.040	0.119	0.783	0.031
12.0	13.0	0.348	3.119	0.126	0.807	0.033
13.0	14.0	0.333	3.649	0.141	0.974	0.038
14.0	15.0	0.340	2.595	0.110	0.712	0.030
15.0	16.0	0.339	2.217	0.098	0.684	0.030
16.0	18.0	0.258	1.751	0.084	1.256	0.060
18.0	20.0	0.307	1.297	0.069	0.943	0.050
20.0	22.0	0.337	1.261	0.079	0.896	0.056
22.0	24.0	0.335	1.173	0.070	0.865	0.051
24.0	26.0	0.317	1.499	0.076	1.131	0.057
26.0	28.0	0.318	1.226	0.071	0.959	0.056
28.0	30.0	0.304	1.186	0.076	0.959	0.062
30.0	35.0	0.281	0.951	0.076	2.079	0.166
35.0	40.0	0.245	0.490	0.042	1.173	0.101
40.0	45.0	0.251	0.345	0.035	0.893	0.090
45.0	50.0	0.241	0.326	0.034	0.959	0.100
50.0	55.0	0.268	0.394	0.041	1.076	0.113
55.0	60.0	0.245	0.390	0.057	1.054	0.154
60.0	70.0	0.244	0.257	0.027	1.514	0.162

TABLE 14A (continued)

PB-210 ACTIVITY

STATION: EPA-SB-75-28A

INTERVAL (CM)		FRACTION SOLUBLE	PB-210 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	0.236	2.569	0.091	0.591	0.021
1.0	2.0	0.236	2.840	0.205	0.781	0.056
2.0	3.0	0.183	2.236	0.140	0.771	0.048
3.0	4.0	0.206	2.300	0.143	0.874	0.054
4.0	5.0	0.212	2.410	0.147	0.903	0.055
5.0	6.0	0.187	2.435	0.147	0.999	0.060
6.0	7.0	0.198	2.400	0.146	1.089	0.066
7.0	8.0	0.201	2.282	0.142	0.999	0.062
8.0	9.0	0.188	1.804	0.124	0.847	0.058
9.0	10.0	0.187	2.160	0.137	1.073	0.068
10.0	11.0	0.179	1.789	0.123	0.965	0.067
11.0	12.0	0.164	1.214	0.098	0.800	0.065
12.0	13.0	0.100	0.780	0.039	0.615	0.031
13.0	14.0	0.142	0.728	0.038	0.617	0.032
14.0	16.0	0.141	0.606	0.034	1.002	0.056
16.0	18.0	0.128	0.344	0.024	0.660	0.047
18.0	20.0	0.125	0.263	0.022	0.525	0.043
20.0	22.0	0.144	0.255	0.021	0.491	0.041
22.0	24.0	0.162	0.256	0.021	0.506	0.042
24.0	26.0	0.174	0.294	0.022	0.566	0.043
26.0	28.0	0.182	0.254	0.021	0.520	0.044
28.0	30.0	0.195	0.193	0.016	0.431	0.036
30.0	35.0	0.197	0.210	0.019	1.161	0.107
35.0	40.0	0.241	0.259	0.018	1.282	0.089
40.0	45.0	0.280	0.344	0.025	1.544	0.110
45.0	50.0	0.305	0.127	0.014	0.566	0.060

PB-210 ACTIVITY

STATION: EPA-SB-75-29-1

INTERVAL (CM)		FRACTION SOLUBLE	PB-210 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	0.214	2.011	0.101	0.357	0.018
1.0	2.0	0.199	1.874	0.096	0.528	0.027
2.0	3.0	0.190	2.301	0.121	0.790	0.042
3.0	4.0	0.221	1.943	0.115	0.765	0.045
4.0	5.0	0.195	1.295	0.077	0.549	0.033
5.0	6.0	0.177	1.478	0.083	0.625	0.035
6.0	7.0	0.203	1.535	0.085	0.644	0.036
7.0	8.0	0.204	1.762	0.103	0.776	0.045
8.0	9.0	0.180	1.357	0.079	0.652	0.038
9.0	10.0	0.187	1.337	0.078	0.678	0.040
10.0	11.0	0.167	1.091	0.069	0.580	0.037
11.0	12.0	0.192	0.971	0.065	0.564	0.038
12.0	13.0	0.180	0.824	0.059	0.527	0.038
13.0	14.0	0.166	0.551	0.047	0.376	0.032
14.0	15.0	0.167	0.366	0.038	0.266	0.028
15.0	16.0	0.182	0.375	0.039	0.268	0.028
16.0	18.0	0.201	0.266	0.033	0.386	0.048
18.0	20.0	0.190	0.253	0.025	0.367	0.037
20.0	22.0	0.205	0.270	0.033	0.395	0.048
22.0	24.0	0.225	0.210	0.023	0.353	0.039
24.0	26.0	0.229	0.204	0.023	0.356	0.040
26.0	28.0	0.227	0.226	0.024	0.401	0.043
28.0	30.0	0.262	0.276	0.026	0.470	0.045
30.0	35.0	0.277	0.375	0.022	1.559	0.090
35.0	40.0	0.303	0.305	0.028	1.068	0.097
40.0	45.0	0.324	0.317	0.028	1.232	0.110
45.0	50.0	0.342	0.309	0.028	1.265	0.113

PB-210 ACTIVITY

STATION: EPA-SB-75-30A-SC

INTERVAL (CM)		FRACTION SOLUBLE	PB-210 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	0.294	3.197	0.145	0.823	0.037
1.0	2.0	0.271	3.276	0.120	0.922	0.034
2.0	3.0	0.274	3.155	0.151	0.924	0.044
3.0	4.0	0.279	3.176	0.144	1.000	0.045
4.0	5.0	0.275	3.337	0.149	1.131	0.050
5.0	6.0	0.280	3.054	0.140	1.109	0.051
6.0	7.0	0.259	2.666	0.135	0.997	0.051
7.0	8.0	0.258	2.335	0.094	0.879	0.035
8.0	9.0	0.251	2.877	0.110	1.115	0.043
9.0	10.0	0.268	2.727	0.106	1.083	0.042
10.0	11.0	0.272	2.808	0.132	1.164	0.055
11.0	12.0	0.259	2.464	0.121	1.056	0.052
12.0	13.0	0.265	2.293	0.116	0.978	0.049
13.0	14.0	0.238	2.189	0.089	0.988	0.040
14.0	16.0	0.258	2.625	0.119	2.644	0.120
16.0	18.0	0.267	2.446	0.080	2.530	0.083
18.0	20.0	0.246	1.873	0.080	1.931	0.082
20.0	22.0	0.251	1.214	0.078	1.200	0.077
22.0	24.0	0.259	1.054	0.072	1.132	0.077
24.0	26.0	0.276	0.670	0.056	0.827	0.069
28.0	30.0	0.250	0.327	0.028	0.405	0.035
32.0	34.0	0.279	0.563	0.051	0.697	0.063
40.0	42.0	0.339	0.427	0.032	0.690	0.052
44.0	46.0	0.345	0.540	0.050	0.883	0.081

STATION: EPA-SB-75-30A-2-SC

INTERVAL (CM)		FRACTION SOLUBLE	PB-210 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	0.243	2.453	0.114	0.631	0.029
1.0	2.0	0.239	2.007	0.098	0.565	0.028
2.0	3.0	0.240	2.230	0.105	0.653	0.031
3.0	4.0	0.232	1.990	0.097	0.627	0.031
4.0	5.0	0.235	2.198	0.104	0.745	0.035
5.0	6.0	0.228	2.030	0.099	0.737	0.036
6.0	7.0	0.225	2.434	0.111	0.910	0.042
7.0	8.0	0.222	2.109	0.101	0.794	0.038
8.0	9.0	0.232	2.107	0.101	0.817	0.039
9.0	10.0	0.283	1.618	0.082	0.643	0.033
10.0	12.0	0.214	1.715	0.088	1.443	0.074
14.0	16.0	0.195	1.318	0.057	1.328	0.058
22.0	24.0	0.207	0.619	0.036	0.665	0.039
38.0	40.0	0.285	0.378	0.027	0.438	0.031

PB-210 ACTIVITY

TABLE 14A (continued)

STATION: EPA-SB-75-36-1

INTERVAL (CM)		FRACTION SOLUBLE	PB-210 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	0.307	7.766	0.348	1.252	0.056
1.0	2.0	0.238	0.430	0.021	0.120	0.006
2.0	3.0	0.246	1.513	0.065	0.488	0.021
3.0	4.0	0.246	1.395	0.058	0.472	0.020
5.0	6.0	0.242	1.430	0.050	0.513	0.018
6.0	7.0	0.236	1.333	0.064	0.504	0.024
7.0	8.0	0.250	1.253	0.042	0.493	0.016
8.0	9.0	0.237	1.454	0.046	0.594	0.019
9.0	10.0	0.237	1.337	0.040	0.566	0.017
10.0	11.0	0.231	1.166	0.055	0.527	0.025
11.0	12.0	0.219	0.954	0.034	0.508	0.018
12.0	13.0	0.208	0.942	0.041	0.564	0.025
13.0	14.0	0.184	0.657	0.035	0.452	0.024
14.0	15.0	0.162	0.472	0.021	0.372	0.016
15.0	16.0	0.156	0.126	0.011	0.104	0.009
16.0	18.0	0.148	0.279	0.013	0.492	0.023
18.0	20.0	0.162	0.137	0.008	0.244	0.014
20.0	22.0	0.181	0.128	0.024	0.209	0.039
22.0	24.0	0.224	0.167	0.010	0.231	0.013
24.0	26.0	0.203	0.207	0.012	0.337	0.020
26.0	28.0	0.223	0.213	0.016	0.375	0.028
28.0	30.0	0.216	0.200	0.012	0.397	0.024
30.0	35.0	0.252	0.203	0.016	1.026	0.078
35.0	40.0	0.290	0.175	0.011	0.808	0.049
40.0	45.0	0.313	0.192	0.011	0.858	0.047
45.0	50.0	0.329	0.289	0.018	1.279	0.078

PB-210 ACTIVITY

STATION: EPA-SB-75-38-1

INTERVAL (CM)		FRACTION SOLUBLE	PB-210 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	0.335	3.167	0.138	0.415	0.018
1.0	2.0	0.349	3.013	0.169	0.597	0.034
2.0	3.0	0.277	2.749	0.126	0.591	0.027
3.0	4.0	0.288	2.784	0.127	0.686	0.031
4.0	5.0	0.296	2.480	0.117	0.671	0.032
5.0	6.0	0.302	2.756	0.126	0.715	0.033
6.0	7.0	0.302	2.973	0.132	0.793	0.035
7.0	8.0	0.292	3.232	0.140	0.918	0.040
8.0	9.0	0.287	2.549	0.119	0.750	0.035
9.0	10.0	0.299	2.588	0.120	0.760	0.035
10.0	11.0	0.281	2.349	0.113	0.776	0.037
11.0	12.0	0.306	2.225	0.138	0.834	0.052
12.0	13.0	0.302	2.369	0.122	0.931	0.048
13.0	14.0	0.297	1.751	0.093	0.721	0.038
14.0	15.0	0.276	1.556	0.087	0.740	0.041
15.0	16.0	0.218	1.317	0.076	0.807	0.047
16.0	18.0	0.176	0.714	0.032	1.065	0.047
18.0	20.0	0.158	0.401	0.032	0.671	0.053
20.0	22.0	0.151	0.233	0.024	0.433	0.045
22.0	24.0	0.156	0.240	0.014	0.448	0.027
24.0	26.0	0.200	0.283	0.018	0.827	0.054
26.0	28.0	0.200	0.223	0.024	0.363	0.039
28.0	30.0	0.202	0.224	0.024	0.389	0.041
30.0	35.0	0.212	0.199	0.026	0.862	0.112
35.0	40.0	0.216	0.279	0.031	1.306	0.143
40.0	45.0	0.232	0.275	0.030	1.249	0.137
45.0	50.0	0.226	0.133	0.022	0.650	0.107

PB-210 ACTIVITY

TABLE 14A (continued)

STATION: EPA-SB-75-40-1

INTERVAL (CM)		FRACTION SOLUBLE	PB-210 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	0.331	2.198	0.119	0.332	0.018
2.0	3.0	0.322	2.158	0.118	0.530	0.029
3.0	4.0	0.310	1.667	0.099	0.449	0.027
4.0	5.0	0.318	2.160	0.118	0.617	0.034
5.0	6.0	0.311	2.271	0.102	0.632	0.029
6.0	7.0	0.279	1.805	0.088	0.548	0.027
7.0	8.0	0.262	2.940	0.142	0.967	0.047
8.0	9.0	0.279	1.461	0.110	0.484	0.036
9.0	10.0	0.260	1.620	0.081	0.587	0.030
10.0	11.0	0.257	1.559	0.080	0.609	0.031
11.0	12.0	0.218	1.137	0.065	0.473	0.027
12.0	13.0	0.209	1.839	0.106	0.733	0.045
13.0	14.0	0.234	1.197	0.067	0.564	0.032
14.0	15.0	0.220	1.063	0.063	0.546	0.032
15.0	16.0	0.205	1.009	0.061	0.605	0.036
16.0	18.0	0.195	1.115	0.043	1.614	0.063
18.0	20.0	0.167	0.790	0.053	1.281	0.085
20.0	22.0	0.143	0.552	0.043	0.956	0.074
22.0	24.0	0.103	0.248	0.023	0.441	0.040
24.0	26.0	0.081	0.249	0.021	0.428	0.036
26.0	28.0	0.086	0.194	0.020	0.314	0.033
28.0	30.0	0.095	0.146	0.018	0.298	0.037
30.0	35.0	0.123	0.156	0.018	0.578	0.063
35.0	40.0	0.209	0.151	0.013	0.636	0.077
40.0	45.0	0.273	0.190	0.021	0.706	0.078
45.0	50.0	0.278	0.353	0.028	1.141	0.092
50.0	55.0	0.321	0.414	0.031	1.261	0.093

PB-210 ACTIVITY

STATION: EPA-SB-75-43

INTERVAL (CM)		FRACTION SOLUBLE	PB-210 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	0.326	3.241	0.156	0.497	0.024
1.0	2.0	0.320	2.552	0.150	0.696	0.041
2.0	3.0	0.290	2.068	0.074	0.598	0.021
3.0	4.0	0.276	2.370	0.122	0.730	0.038
4.0	5.0	0.295	2.073	0.101	0.685	0.034
5.0	6.0	0.317	2.208	0.069	0.743	0.023
6.0	7.0	0.307	2.249	0.072	0.790	0.025
7.0	8.0	0.260	1.758	0.058	0.641	0.021
8.0	9.0	0.307	1.609	0.099	0.620	0.038
9.0	10.0	0.222	1.912	0.097	0.742	0.038
10.0	11.0	0.248	1.842	0.095	0.749	0.039
11.0	12.0	0.251	1.662	0.082	0.728	0.036
12.0	13.0	0.263	2.016	0.076	0.855	0.032
13.0	14.0	0.275	1.847	0.106	0.799	0.046
14.0	15.0	0.233	1.881	0.096	0.684	0.035
15.0	16.0	0.275	2.360	0.110	0.817	0.038
16.0	18.0	0.287	2.169	0.118	1.819	0.099
18.0	20.0	0.226	1.546	0.095	1.647	0.101
20.0	22.0	0.217	1.391	0.053	1.825	0.070
22.0	24.0	0.162	0.381	0.036	0.643	0.060
24.0	26.0	0.123	0.377	0.021	0.758	0.041
26.0	28.0	0.111	0.247	0.018	0.546	0.040
28.0	30.0	0.115	0.201	0.016	0.464	0.038
30.0	35.0	0.124	0.189	0.015	1.116	0.087
35.0	40.0	0.180	0.234	0.016	1.229	0.083
40.0	45.0	0.199	0.246	0.024	1.188	0.118
45.0	50.0	0.181	0.152	0.018	0.820	0.098

PB-210 ACTIVITY

TABLE 14A (continued)

STATION: EPA-SB-75-49

INTERVAL (CM)		FRACTION SOLUBLE	PB-210 PCI/GM	STD.DEV.	PCI/CM2	STD.DEV.
0.0	1.0	0.278	2.711	0.185	0.495	0.034
1.0	2.0	0.307	2.391	0.080	0.857	0.029
2.0	3.0	0.310	2.321	0.100	0.716	0.031
3.0	4.0	0.300	2.372	0.123	0.774	0.040
4.0	5.0	0.289	2.115	0.114	0.709	0.038
5.0	6.0	0.303	2.820	0.161	0.979	0.056
6.0	7.0	0.287	2.200	0.099	0.827	0.037
7.0	8.0	0.286	1.929	0.109	0.769	0.043
8.0	9.0	0.257	2.017	0.101	0.840	0.042
9.0	10.0	0.251	1.734	0.058	0.799	0.027
10.0	11.0	0.286	1.927	0.091	0.886	0.042
11.0	12.0	0.287	1.926	0.067	0.898	0.031
12.0	13.0	0.260	1.469	0.057	0.708	0.027
13.0	14.0	0.242	1.530	0.092	0.749	0.045
14.0	15.0	0.241	1.539	0.084	0.769	0.042
15.0	16.0	0.220	1.371	0.072	0.710	0.037
16.0	18.0	0.234	1.495	0.055	1.625	0.059
18.0	20.0	0.163	0.756	0.030	1.256	0.049
20.0	22.0	0.251	1.567	0.054	1.581	0.054
22.0	24.0	0.228	1.471	0.092	1.958	0.125
24.0	26.0	0.180	1.133	0.064	1.110	0.063
26.0	28.0	0.184	0.889	0.038	1.509	0.064
28.0	30.0	0.108	0.377	0.028	0.841	0.063
30.0	35.0	0.092	0.188	0.015	1.176	0.093
35.0	40.0	0.125	0.208	0.024	1.265	0.145
40.0	45.0	0.219	0.255	0.019	1.611	0.113

TABLE 15A

Vertical Distribution of Dissolved Substances in the Interstitial Water of Selected Cores

Dissolved Barium (μg/ml)

Depth (cm)	Station EPA-SLH/SB-75 Southern Lake Huron 14A	18A	53	63	Saginaw Bay 30A	30A-2
O.L.W.†	—	.15	.28	.49	.37	.49
0-1	.38	—	.28	.39	.45	.63
1-2	.38	.45	ND	.93	.67	.68
2-3	.69	.37	ND	.98	.30	1.12
3-4	.44	.30	.07	1.12	.82	.88
4-5	.64	.45	.39	.78	.22	.49
5-6	.54	.52	.28	.54	.45	.54
6-7	.64	.60	.07	.78	.60	.54
7-8	.44	.82	.28	.63	.15	.49
8-9	.49	.37	.39	.49	.45	.49
9-10	.44	.82	.50	.49	.67	.63
10-11	.38	.30	>.50	.78	.37	>.54
11-12	.74	.45		1.02	.37	
12-13	.64	.60	>.28	.54	.60	>.24
13-14	.69	.37		.93	.75	
14-16	.59	.30	.28	.49	.52	.44
16-18	.49	.67	.28		.60	.59
18-20	.64	.52	.81	1.02	.52	.54
20-22	.79				.45	
22-24	.79	.30	.07	.73	.45	.39
24-26					.82	
26-28	.74		.28	.59		.39
28-30					.75	
30-32	.69	.82	.60	.88		
32-34					.90	.54
34-36		.90	.07			
36-38	.69				.75	
38-40			ND			.54
40-42					.37	
42-44	.84					
44-46					.52	
48-50	.79		.50		.37	
50-52					.82*	.49
54-56	.95				.60	
60-62	.64					
62-64	.49					

ND = Not Detectable
* = 51-53 cm
† = Overlying water

Dissolved Calcium (μg/ml) TABLE 15A (cont.)

Depth (cm)	Station EPA-SLH/SB-75					
	Southern Lake Huron				Saginaw Bay	
	14A	18A	53	63	30A	30A-2
O.L.W.†	26.2	26.6	27.2	—	27.4	—
0-1	26.9	28.3	26.2	25.9	36.3	36.1
1-2	26.5	30.3	29.8	24.8	39.1	36.5
2-3	26.9	30.2	30.2	28.0	34.3	32.2
3-4	26.5	30.3	29.5	28.3	31.4	29.7
4-5	28.8	30.9	29.5	28.0	33.7	32.0
5-6	29.9	30.0	30.2	28.0	31.4	34.3
6-7	30.2	30.7	31.1		31.1	36.5
7-8	33.2	31.4	29.8	30.7	32.6	37.1
8-9	32.8	29.6	30.8	30.4	33.7	38.0
9-10	31.2	31.6	33.3	31.3	37.4	37.3
10-11	32.5	32.1	30.8	31.3	39.4	40.3
11-12	33.4	33.6		32.2	41.1	
12-13	33.4	31.8	30.6	31.6	43.7	42.5
13-14	33.9	32.3		32.2	43.7	
14-16	35.8	34.3	33.0	34.3	46.0	41.4
16-18	35.6	35.4	33.3		44.5	40.3
18-20	36.0	36.5	33.0	34.0	47.4	41.4
20-22	36.4				47.4	
22-24	37.3	39.0	34.3	37.4	47.4	40.3
24-26					48.5	
26-28	37.3		34.3	38.6		42.2
28-30						
30-32	38.8	38.6	34.6	40.7		
32-34					48.0	43.3
34-36		35.7	33.3			
36-38	38.8				50.8	
38-40			33.9			43.7
40-42					5.14	
42-44	42.8					
44-46						
48-50	45.8		36.1		48.2	
50-52						45.9
54-56	46.5				47.1	
60-62	48.8					
62-64	47.3					

† = Overlying water

Dissolved Iron (μg/ml) TABLE 15A (cont.)

Depth (cm)	Station EPA-SLH/SB-75					
	Southern Lake Huron				Saginaw Bay	
	14A	18A	53	63	30A	30A-2
O.L.W.†						
0-1	0.2	—	0.03	—	0.1	0.2
1-2	ND	1.7	0.04	ND	1.1	1.7
2-3	1.9	3.4	0.04	1.0	2.1	2.3
3-4	4.4	5.5	0.26	3.8	2.0	2.4
4-5	4.4	6.6	0.31	3.8	3.0	0.9
5-6	5.6	6.3	0.20	4.4	2.6	0.7
6-7	5.9	8.1	0.16	4.2	2.5	1.5
7-8	6.6	8.2	0.18	4.5	2.7	3.5
8-9	5.8	6.4	0.10	6.2	3.1	3.4
9-10	6.6	8.7	0.23	7.1	3.4	2.2
10-11	8.3	9.7	0.23	7.5	3.5	3.9
11-12	8.0	9.8		6.5	4.7	
12-13	9.2	5.9	0.35	7.3	5.1	5.5
13-14	10.1	10.1		5.3	4.9	
14-16	11.9	9.8	0.13	5.7	6.4	3.7
16-18	12.1	8.2	0.36		5.5	4.5
18-20	11.3	13.4	0.20	9.5	8.2	6.0
20-22	13.7	12.6			7.2	
22-24	14.3	7.9	0.09	9.8	6.2	5.1
24-26					6.8	
26-28	13.8		0.07	10.8		5.2
28-30						
30-32	18.9	10.7	0.21	10.8		
32-34					7.0	6.2
34-36		10.9	0.25			
36-38					7.8	
38-40			0.99			4.3
40-42					8.1	
42-44	21.7					
44-46					7.3	
48-50	23.8		0.44		2.6	
50-52						6.2
54-56	22.9				6.3	
60-62	24.9					
62-64	23.6					

ND - Not detectable
† = Overlying water

Dissolved Magnesium (μg/ml) TABLE 15A (cont.)

Depth (cm)	Station EPA-SLH/SB-75					
	Southern Lake Huron				Saginaw Bay	
	14A	18A	53	63	30A	30A-2
O.L.W.†	7.61	7.22	7.64	—	8.16	—
0-1	8.85	9.24	7.98	8.99	10.21	10.06
1-2	8.85	9.24	9.29	8.75	10.90	9.89
2-3	8.44	8.89	9.85	10.00	9.93	8.81
3-4	7.89	8.82	9.51	9.94	8.96	10.12
4-5	8.71	8.96	9.46	9.35	8.84	8.47
5-6	8.92	8.89	9.51	8.99	8.27	8.75
6-7	9.68	9.45	10.19	7.92	8.50	9.38
7-8	10.09	9.80	9.80	10.06	8.50	9.38
8-9	10.16	8.75	10.19	9.82	9.30	9.72
9-10	9.12	9.38	10.48	11.01	10.21	9.66
10-11	10.37	9.31	10.42	10.89	10.21	10.69
11-12	9.54	9.38		10.65	11.01	
12-13	9.54	9.17	10.36	10.83	11.35	11.60
13-14	10.57	10.07		10.48	11.35	
14-16	12.15	11.12	10.76	11.37	12.38	10.92
16-18	12.29	12.26	10.87		11.93	11.03
18-20	11.74	11.21	11.22	11.37	12.50	11.03
20-22	11.60	11.70			12.50	
22-24	11.74	12.33	11.10	12.67	12.72	10.92
24-26					12.84	
26-28	11.33		11.00	13.27		11.60
28-30						
30-32	11.60	12.40	11.33	13.27		
32-34					13.30	12.40
34-36		11.42	11.44			
36-38	12.57				14.55	
38-40			11.67			12.97
40-42					15.12	
42-44	13.81					
44-46					15.24	
48-50	14.63		12.24		14.66	14.91
50-52						
54-56	14.36				15.69	
60-62	15.04					
62-64	14.08					

† = Overlying water

Dissolved Manganese (μg/ml) TABLE 15A (cont.)

Depth (cm)	Station EPA-SLH/SB-75					
	Southern Lake Huron				Saginaw Bay	
	14A	18A	53	63	30A	30A-2
O.L.W.†						
0-1	—	ND	0.01	—	1.16	1.03
1-2	0.99	1.05	0.01	0.03	2.18	2.19
2-3	1.29	0.79	0.10	0.62	2.20	1.98
3-4	2.36	0.88	0.51	1.27	2.07	1.63
4-5	2.48	1.02	0.94	1.48	2.00	1.13
5-6	2.77	1.05	0.65	1.48	1.73	1.20
6-7	2.85	1.11	0.67	1.31	1.36	1.50
7-8	3.01	1.13	0.45	1.53	1.54	1.82
8-9	3.01	1.02	0.30	1.55	1.69	1.95
9-10	2.77	1.19	0.25	1.70	1.78	1.80
10-11	2.92	1.19	0.19	1.66	1.82	2.17
11-12	3.01	1.28		1.61	2.09	
12-13	2.83	1.19	0.15	1.61	2.33	2.45
13-14	2.92	1.25		1.48	2.35	
14-16	2.98	1.34	0.14	1.70	2.64	2.36
16-18	2.71	1.34	0.21		2.55	2.45
18-20	2.86	1.36	0.17	1.53	3.00	2.62
20-22	2.83				3.06	
22-24	2.92	1.48	0.17	1.63	3.09	2.58
24-26					3.22	
26-28	3.01		0.19	1.61		2.95
28-30						
30-32	3.22	1.36	0.22	1.61		
32-34					3.06	2.97
34-36		1.22	0.22			
36-38	3.13				3.35	
38-40			0.27			2.84
40-42					3.35	
42-44	3.31					
44-46					3.02	
48-50	3.51		0.25		2.73	
50-52						2.90
54-56	3.51				3.02	
60-62	3.78					
62-64	3.51					

† = Overlying water

ND - Not detectable

TABLE 15A (cont.)

Dissolved Reactive Phosphate (ug/ml P as PO_4)

Depth (cm)	Station EPA-SLH/SB-75					
	Southern Lake Huron				Saginaw Bay	
	14A	18A	53	63	30A	30A-2
O.L.W.†	—	.1	1.0	.6	ND	ND
0-1	1.25	0.2	0.97	0.68	0.36	0.37
1-2	1.13	1.64	0.93	0.95	2.23	3.46
2-3	1.50	2.09	1.00	2.07	3.33	4.21
3-4	2.11	3.64	1.12	4.49	4.06	1.94
4-5	2.23	2.96	1.14	4.49	5.47	0.81
506	2.36	1.82	1.22	4.05	5.11	0.64
6-7	2.61	2.46	1.41	2.52	2.23	1.97
7-8	2.59	3.01	1.36	2.11	2.14	3.61
8-9	1.65	1.55	1.26	4.41	2.23	2.67
9-10	1.71	2.82	1.72	4.94	3.60	1.68
10-11	2.91	2.82	1.36	4.54	3.33	2.55
11-12	2.54	3.01		3.87	3.10	
12-13	3.02	0.63	1.84	4.32	3.23	3.32
13-14	2.96	3.92		2.47	2.96	
14-16	4.48	4.10	1.41	1.44	4.51	2.09
16-18	3.95	1.09	1.92		3.33	2.67
18-20	3.02	5.01	1.36	4.94	4.24	3.13
20-22	4.17				2.23	
22024	3.87	4.33	1.17	4.05	1.32	2.13
24-26					2.23	
26-28	1.71		1.14	0.63		1.12
28-30					5.33	
30-32	3.32	3.46	1.17	3.60		
32-34					4.10	2.57
34-36		3.87	1.14			
36-38	1.73				3.69	
38-40			1.97			1.17
40-42					3.33	
42-44	1.50					
44-46					3.23	
48-50	2.11		1.26		0.30	
50-52						2.38
54-56	1.55				0.77	
60-62	0.97					
62-64	0.65					

† = Overlying water

ND - Not Detectable

TABLE 15A (cont.)

Dissolved Potassium (μg/ml)

Depth (cm)	Station EPA-SLH/SB-75 Southern Lake Huron 14A	18A	53	63	Saginaw Bay 30A	30A-2
O.L.W.†	.86	.84	.82	.87	1.01	1.04
0-1	1.08	1.24	1.14	.85	1.08	1.28
1-2	1.01	1.19	1.14	.90	1.04	1.28
2-3	1.13	1.17	1.01	.97	1.17	1.32
3-4	1.33	1.10	1.05	1.07	1.15	1.28
4-5	1.35	1.21	1.14	1.11	1.19	1.42
5-6	1.37	1.21	1.14	.99	1.37	1.56
6-7	1.39	1.10	1.03		1.33	1.63
7-8	1.46	1.26	1.05	1.31	1.44	1.77
8-9	1.55	1.24	1.07	1.33	1.55	1.94
9-10	1.46	1.15	1.18	1.23	1.73	2.06
10-11	1.50	1.08	1.22	1.21	1.91	2.08
11-12	1.55	1.19		1.33	1.98	
12-13	1.55	1.44	.97	1.26	1.96	2.06
13-14	1.53	1.01		1.50	1.96	
14-16	1.44	1.19	1.01	1.53	1.94	2.25
16-18	1.50	1.39	1.01		1.98	2.22
18-20	1.55	1.08	1.20	1.19	2.07	2.25
20-22	1.57				2.14	
22-24	1.48	1.37	1.26	1.31	2.18	2.22
24-26					2.16	
26-28	1.44		1.26	1.26		2.41
28-30					2.21	
30-32	1.42	1.50	1.14	1.43		
32-34					2.23	2.22
34-36		1.37	1.18			
36-38	1.50				2.14	
38-40			.95			2.15
40-42					2.05	
42-44	1.48					
44-46					2.23	
48-50	1.48		1.22		2.36	
50-52						1.94
54-56	1.66				1.44	
60-62	1.62					
62-64	1.95					

† = Overlying water

Dissolved Sodium (μg/ml) TABLE 15A (cont.)

Depth (cm)	Station EPA-SLH/SB-75 Southern Lake Huron 14A	18A	53	63	Saginaw Bay 30A	30A-2
0-1	3.26	2.54	3.53	2.63	5.52	6.00
1-2	2.91	2.19	3.59	2.68	5.06	4.98
2-3	3.09	2.82	3.46	2.38	4.80	5.49
3-4	3.15	2.75	3.59	3.46	4.70	5.49
4-5	3.38	2.79	3.65	3.41	3.67	5.81
5-6	3.44	2.72	3.59	3.61	4.14	5.11
6-7	3.32	2.82	3.59	---	4.24	5.43
7-8	2.97	2.86	3.65	3.75	5.68	5.68
8-9	2.45	2.65	3.72	3.65	6.14	7.72
9-10	2.51	2.65	3.84	3.56	6.70	8.81
10-11	2.68	2.79	4.22	3.61	7.68	9.51
11-12	2.51	2.86		3.56	8.04	
12-13	3.26	3.00	3.78	3.51	8.14	10.02
13-14	3.26	2.82		3.61	8.71	
14-16	3.32	2.82	3.78	4.00	9.22	11.23
16-18	3.50	2.96	3.46	---	9.84	11.99
18-20	3.44	2.19	3.91	3.51	10.40	12.12
20-22	3.61	---	---	---	9.89	---
22-24	3.50	2.44	3.72	3.95	10.91	13.46
24-26	---	---	---	---	8.96	
26-28	3.26	---	3.21	4.00	---	
28-30		---	---	---	---	
30-32	3.20	2.82	3.15	3.85	---	
32-34	---	---	---		10.30	
34-36	---	2.75	3.40		---	
36-38	3.20		---			
38-40	---		3.40			
40-42	---		---			
42-44	3.50		---			
44-46	---		---			
48-50	3.73		4.73			
50-52	---					
54-56	3.73					
60-62	4.08					
62-64	3.90					

TABLE 15A (cont.)

Dissolved Strontium (μg/ml)

Depth (cm)	Station EPA-SLH/SB-75 Southern Lake Huron 14A	18A	53	63	Saginaw Bay 30A	30A-2
O.L.W.†	—	.124	.126	.148	—	.148
0-1	.119	—	.102	.116	.150	.172
1-2	.109	.112	.126	—	.157	.156
2-3	.109	.118	.118	.140	.144	.164
3-4	.099	.118	.118	.140	.016	.164
4-5	.109	.131	.118	.060	.125	.164
5-6	.109	.118	.134	.108	.144	.156
6-7	.119	.118	.126	—	.144	.180
7-8	.119	.112	.118	.140	.157	.188
8-9	.139	.118	.118	.140	.022	.196
9-10	.109	.131	.134	.140	.195	.229
10-11	.129	.131	.118	.132	.215	.221
11-12	.139	.131		.140	.240	
12-13	.129	.131	.118	.148	.247	.261
13-14	.109	.131		.148	.259	
14-16	.129	.131	.126	.148	.279	.269
16-18	.109	.131	.126		.266	.261
18-20	.129	.131	.134	.148	.304	.277
20-22	.129	.003			.304	
22-24	.129	.137	.142	.148	.292	.277
24-26					.292	
26-28	.129		.142	.156		.269
28-30					.272	
30-32	.129	.150	.141	.164		
32-34					.247	.261
34-36		.003	.134			
36-38	.139				.247	
38-40			.134			.229
40-42					.221	
42-44	.149					
44-46					.215	
48-50	.139		.142		.182	
50-52					.182*	.196
54-56	.149				.176	
60-62	.149					
62-64	.149					

*51-53 cm

† = Overlying water

TABLE 15A (cont.)

Dissolved Reactive Silicon (μg/ml)

Depth (cm)	Station EPA-SLH/SB-75					
	Southern Lake Huron				Saginaw Bay	
	14A	18A	53	63	30A	30A-2
O.L.W.†	ND	ND	ND	ND	ND	ND
0-1	5.2	6.8	4.5	4.6	6.2	4.9
1-2	7.3	14.1	7.1	7.4	11.7	9.1
2-3	10.9	15.8	10.0	12.3	13.8	14.9
3-4	16.3	17.0	11.0	14.7	14.5	15.1
4-5	17.3	18.4	11.5	16.1	16.7	16.0
5-6	17.7	16.7	11.9	15.4	16.0	16.2
6-7	18.0	17.2	11.0	16.0	14.7	19.5
7-8	19.6	18.1	11.0	17.0	17.1	21.3
8-9	18.5	17.3	10.5	17.2	18.6	22.9
9-10	16.9	17.7	10.7	17.8	20.2	22.9
10-11	18.4	18.0	10.7	17.3	21.9	23.8
11-12	18.8	19.0		17.5	22.7	
12-13	18.4	17.2	9.8	17.4	23.2	25.0
13-14	18.0	18.3		16.5	24.7	
14-16	20.5	20.0	9.8	17.2	25.2	25.4
16-18	18.6	17.7	9.6		25.0	25.4
18-20	18.7	19.1	8.7	16.3	25.6	26.5
20-22	19.2				25.3	
22-24	20.0	19.4	8.6	17.3	24.8	25.0
24-26					25.2	
26-28	19.5	16.2	8.5	16.8		24.7
28-30					25.0	
30-32	19.9	19.0	9.5	17.8		
32-34					24.8	24.3
34-36		17.4	7.9			
36-38	19.5				23.3	
38-40			8.5			23.1
40-42					23.1	
42-44	19.3					
44-46					22.8	
48-50	20.9		9.4			
50-52						22.2
54-56	20.7					
60-62	20.0					
62-64	20.0					

† = Overlying water
ND - Not detectable

TABLE 16A
AMORPHOUS SILICON IN SEDIMENT

SAGINAW BAY

	EPA-SB-75-30A-SC					
Depth (cm)	Wt %*	Unc.Ψ	Wt %	Unc.	Wt %	Unc.
0-1	.65	±.14	.82	±.15		
1-2	.70	.17				
2-3	.97	.10	.65	.16	.76	±.07
3-4	.87	.12				
4-5	.90	.19	.80	.09		
5-6	.51	.09	.65	.17		
6-7	.49	.10				
7-8	.74	.11	.74	.05		
8-9	.58	.19				
9-10	.59	.09				
12-13	.81	.04				
14-16	.75	.15				
16-18	.66	.22				
18-20	.74	.10				
20-22	.61	.10				
22-24	.55	.05				
24-26	.62	.04				
28-30	.46	.21				
32-34	.28	.10				
40-42	.48	.14				
44-46	.52	.06				

*Weight percent
ΨUncertainty