

DRILLING LOG		DIVISION		INSTALLATION		
1. PROJECT TOWN OF PALM BEACH				SHEET 1 OF 1		
2. LOCATION (Coordinates or Station) X=972,860 Y=850,247				10. SIZE AND TYPE OF BIT 3"		
3. DRILLING AGENCY ALPINE SEISMIC				11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NGVD		
4. HOLE NO. (As shown on drawing title and file number) VC99-43 R2				12. MANUFACTURER'S DESIGNATION OF DRILL ALPINE PNEUMATIC		
5. NAME OF DRILLER ROB SUSKO				13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 0 undisturbed: 0		
6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				14. TOTAL NUMBER OF CORE BOXES 1		
7. THICKNESS OF BURDEN 0.0 Ft.				15. ELEVATION GROUND WATER		
8. DEPTH DRILLED INTO ROCK 0.0 Ft.				16. DATE HOLE STARTED COMPLETED 4/12/99 4/12/99		
9. TOTAL DEPTH OF HOLE 22.5 Ft.				17. ELEVATION TOP OF HOLE -28.6 Ft.		
				18. TOTAL CORE RECOVERY FOR BORING 100 %		
				19. SIGNATURE OF GEOLOGIST L. DALESSIO		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-28.6	.0		Jettied to 4.4'			-28.6
-33.0	4.4					
-33.8	5.3		SAND, tan medium to coarse with 20% shell fragments (SP)		#1	Sample #1, Depth = 5.0' 0.52 mm, 1.18 phi sorting 0.6% silt
-36.8	8.2		SAND, tan fine (SP)		#2	Sample #2, Depth = 7.0' 0.19 mm, 0.98 phi sorting 1.8% silt
-39.7	11.1		SAND, light gray with <5% shell fragments (SP)		#3	Sample #3, Depth = 10.0' 0.16 mm, 0.63 phi sorting 2.1% silt
-40.5	11.9		SHELL FRAGMENTS, tan with 20% fine sand (SH)		#4	Sample #4, Depth = 11.6' 0.39 mm, 1.60 phi sorting 1.0% silt
-43.7	15.1		SAND, gray fine with <5% shell fragments (SP)		#5	Sample #5, Depth = 13.0' 0.15 mm, 0.54 phi sorting 1.6% silt
-44.7	16.1		SHELL FRAGMENTS, light tan with 10% fine sand (SH)		#6	Sample #6, Depth = 15.5' 0.41 mm, 1.47 phi sorting 1.3% silt
-46.8	18.2		SAND, brownish gray with 10-15% shell fragments (SP)		#7	Sample #7, Depth = 17.0' 0.16 mm, 0.83 phi sorting 2.6% silt
-47.9	19.3		SAND, gray fine-medium with 20-30% shell fragments (SP)		#8	Sample #8, Depth = 18.5' 0.22 mm, 1.22 phi sorting 1.6% silt
-48.8	20.2		SAND, gray fine with 10% shell fragments (SP)		#9	Sample #9, Depth = 19.8' 0.17 mm, 0.90 phi sorting 2.1% silt
-49.8	21.2		SAND, tan medium to coarse with 10% shell fragments (SP)			
-51.1	22.5		SAND, gray fine with <5% shell fragments			NOTES: 1. Soils are visually classified in accordance with the Unified Soil Classification System.

GRADATION ANALYSIS REPORT
TOWN OF PALM BEACH
TESTED BY: RW ON: 4/99

SAMPLE NO.: VC9943R2#1
SAMPLE ELEV. (FT. NGVD): -33.6
SAMPLE DEPTH (FT.): 5.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 170.74
SAMPLE WEIGHT AFTER WASH (GRAMS): 169.79

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.00	16.000	0.00	0.00	100.00
5/16	-3.00	8.000	0.65	0.38	99.62
5	-2.00	4.000	2.02	1.18	98.82
7	-1.50	2.800	3.62	2.12	97.88
10	-1.00	2.000	7.01	4.11	95.89
14	-0.50	1.400	17.04	9.98	90.02
18	0.00	1.000	29.40	17.22	82.78
25	0.50	0.710	54.80	32.10	67.90
35	1.00	0.500	96.33	56.42	43.58
45	1.50	0.355	122.20	71.57	28.43
60	2.00	0.250	138.07	80.87	19.13
80	2.50	0.180	149.05	87.30	12.70
120	3.00	0.125	162.70	95.29	4.71
170	3.50	0.090	169.57	99.31	0.69
200	3.75	0.075	169.70	99.39	0.61
230	4.00	0.063	170.21	99.69	0.31
PAN			170.71	99.98	0.02

PHI (5): -0.92 PHI (16): -0.08 PHI (25): 0.26
PHI (50): 0.87 PHI (75): 1.68 PHI (84): 2.24
PHI (95): 2.98

SIEVE LOSS (g): 0.03 SILT/CLAY: 0.61%
SKEWNESS: 0.138 KURTOSIS: 1.125

GRAPHIC METHOD

MEAN (PHI): 1.02 SORTING: 1.16
MEAN (mm): 0.49 MEDIAN (mm): 0.55
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 0.95 SORTING: 1.18
MEAN (mm): 0.52

DATA FILE NAME: VC99-43R2#1.TAB

GRADATION ANALYSIS REPORT
TOWN OF PALM BEACH
TESTED BY: RW ON: 4/99

SAMPLE NO.: VC99-43R2#2
SAMPLE ELEV. (FT. NGVD): -35.6
SAMPLE DEPTH (FT.): 7.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 191.88
SAMPLE WEIGHT AFTER WASH (GRAMS): 188.71

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.00	16.000	0.00	0.00	100.00
5/16	-3.00	8.000	0.00	0.00	100.00
5	-2.00	4.000	1.03	0.54	99.46
7	-1.50	2.800	1.73	0.90	99.10
10	-1.00	2.000	2.71	1.41	98.59
14	-0.50	1.400	4.13	2.15	97.85
18	0.00	1.000	6.16	3.21	96.79
25	0.50	0.710	9.59	5.00	95.00
35	1.00	0.500	17.41	9.07	90.93
45	1.50	0.355	29.63	15.44	84.56
60	2.00	0.250	48.85	25.46	74.54
80	2.50	0.180	69.97	36.47	63.53
120	3.00	0.125	148.20	77.24	22.76
170	3.50	0.090	186.91	97.41	2.59
200	3.75	0.075	188.29	98.13	1.87
230	4.00	0.063	190.14	99.10	0.90
PAN			191.87	99.99	0.01

PHI(5): 0.50 PHI(16): 1.53 PHI(25): 1.98
PHI(50): 2.67 PHI(75): 2.97 PHI(84): 3.17
PHI(95): 3.44

SIEVE LOSS(g): 0.01 SILT/CLAY: 1.87%
SKEWNESS: -0.849 KURTOSIS: 1.210

GRAPHIC METHOD

MEAN (PHI): 2.26 SORTING: 0.82
MEAN (mm): 0.21 MEDIAN (mm): 0.16
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.36 SORTING: 0.98
MEAN (mm): 0.19

DATA FILE NAME: VC99-43R2#2.TAB

GRADATION ANALYSIS REPORT

TOWN OF PALM BEACH

TESTED BY: RW

ON: 6/10/99

SAMPLE NO.: VC9943R2#3

SAMPLE ELEV. (FT. NGVD): -38.6

SAMPLE DEPTH (FT.): 10.0

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 200.16

SAMPLE WEIGHT AFTER WASH (GRAMS): 196.48

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.00	16.000	0.00	0.00	100.00
5/16	-3.00	8.000	0.00	0.00	100.00
5	-2.00	4.000	0.10	0.05	99.95
7	-1.50	2.800	0.44	0.22	99.78
10	-1.00	2.000	0.75	0.37	99.63
14	-0.50	1.400	1.26	0.63	99.37
18	0.00	1.000	1.61	0.80	99.20
25	0.50	0.710	2.36	1.18	98.82
35	1.00	0.500	3.85	1.92	98.08
45	1.50	0.355	6.99	3.49	96.51
60	2.00	0.250	19.31	9.65	90.35
80	2.50	0.180	49.24	24.60	75.40
120	3.00	0.125	143.05	71.47	28.53
170	3.50	0.090	193.80	96.82	3.18
200	3.75	0.075	195.88	97.86	2.14
230	4.00	0.063	198.14	98.99	1.01
PAN			200.16	100.00	0.00

PHI(5): 1.62	PHI(16): 2.21	PHI(25): 2.50
PHI(50): 2.77	PHI(75): 3.07	PHI(84): 3.25
PHI(95): 3.46		

SIEVE LOSS(g): 0.00	SILT/CLAY: 2.14%
SKEWNESS: -0.440	KURTOSIS: 1.335

GRAPHIC METHOD

MEAN (PHI): 2.66	SORTING: 0.52
MEAN (mm): 0.16	MEDIAN (mm): 0.15

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.68	SORTING: 0.63
MEAN (mm): 0.16	

DATA FILE NAME: VC99-43R2#3.TAB

GRADATION ANALYSIS REPORT

TOWN OF PALM BEACH

TESTED BY: RW ON: 6/10/99

SAMPLE NO.: VC9943R2#4

SAMPLE ELEV. (FT. NGVD): -40.2

SAMPLE DEPTH (FT.): 11.6

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 198.06

SAMPLE WEIGHT AFTER WASH (GRAMS): 196.27

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.00	16.000	0.00	0.00	100.00
5/16	-3.00	8.000	0.94	0.47	99.53
5	-2.00	4.000	6.54	3.30	96.70
7	-1.50	2.800	11.51	5.81	94.19
10	-1.00	2.000	28.80	14.54	85.46
14	-0.50	1.400	34.53	17.43	82.57
18	0.00	1.000	40.20	20.30	79.70
25	0.50	0.710	48.14	24.31	75.69
35	1.00	0.500	66.13	33.39	66.61
45	1.50	0.355	83.92	42.37	57.63
60	2.00	0.250	110.22	55.65	44.35
80	2.50	0.180	137.54	69.44	30.56
120	3.00	0.125	177.60	89.67	10.33
170	3.50	0.090	195.61	98.76	1.24
200	3.75	0.075	196.00	98.96	1.04
230	4.00	0.063	197.04	99.48	0.52
PAN			198.05	99.99	0.01

PHI (5): -1.66

PHI (16): -0.75

PHI (25): 0.54

PHI (50): 1.79

PHI (75): 2.64

PHI (84): 2.86

PHI (95): 3.29

SIEVE LOSS (g): 0.01

SILT/CLAY: 1.04%

SKEWNESS: -0.539

KURTOSIS: 0.967

GRAPHIC METHOD

MEAN (PHI): 1.11

SORTING: 1.80

MEAN (mm): 0.46

MEDIAN (mm): 0.29

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.35

SORTING: 1.60

MEAN (mm): 0.39

DATA FILE NAME: VC99-43R2#4.TAB

GRADATION ANALYSIS REPORT

TOWN OF PALM BEACH

TESTED BY: RW ON: 6/10/99

SAMPLE NO.: VC9943R2#5

SAMPLE ELEV. (FT. NGVD): -41.6

SAMPLE DEPTH (FT.): 13.0

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 211.59

SAMPLE WEIGHT AFTER WASH (GRAMS): 208.51

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.00	16.000	0.00	0.00	100.00
5/16	-3.00	8.000	0.00	0.00	100.00
5	-2.00	4.000	0.11	0.05	99.95
7	-1.50	2.800	0.22	0.10	99.90
10	-1.00	2.000	0.65	0.31	99.69
14	-0.50	1.400	0.90	0.43	99.57
18	0.00	1.000	1.18	0.56	99.44
25	0.50	0.710	1.72	0.81	99.19
35	1.00	0.500	2.78	1.31	98.69
45	1.50	0.355	4.98	2.35	97.65
60	2.00	0.250	12.33	5.83	94.17
80	2.50	0.180	39.03	18.45	81.55
120	3.00	0.125	152.44	72.04	27.96
170	3.50	0.090	207.60	98.11	1.89
200	3.75	0.075	208.22	98.41	1.59
230	4.00	0.063	209.90	99.20	0.80
PAN			211.59	100.00	0.00

PHI(5): 1.88

PHI(16): 2.40

PHI(25): 2.56

PHI(50): 2.79

PHI(75): 3.06

PHI(84): 3.23

PHI(95): 3.44

SIEVE LOSS(g): 0.00

SILT/CLAY: 1.59%

SKEWNESS: -0.324

KURTOSIS: 1.290

GRAPHIC METHOD

MEAN (PHI): 2.75

SORTING: 0.41

MEAN (mm): 0.15

MEDIAN (mm): 0.14

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.74

SORTING: 0.54

MEAN (mm): 0.15

DATA FILE NAME: VC99-43R2#5.TAB

GRADATION ANALYSIS REPORT

TOWN OF PALM BEACH

TESTED BY: RW ON: 6/10/99

SAMPLE NO.: VC9943R2#6

SAMPLE ELEV. (FT. NGVD): -44.1

SAMPLE DEPTH (FT.): 15.5

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 174.93

SAMPLE WEIGHT AFTER WASH (GRAMS): 172.81

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.00	16.000	0.00	0.00	100.00
5/16	-3.00	8.000	0.00	0.00	100.00
5	-2.00	4.000	2.40	1.37	98.63
7	-1.50	2.800	4.63	2.65	97.35
10	-1.00	2.000	9.27	5.30	94.70
14	-0.50	1.400	20.77	11.87	88.13
18	0.00	1.000	36.04	20.60	79.40
25	0.50	0.710	57.79	33.04	66.96
35	1.00	0.500	82.68	47.26	52.74
45	1.50	0.355	94.76	54.17	45.83
60	2.00	0.250	105.58	60.36	39.64
80	2.50	0.180	119.28	68.19	31.81
120	3.00	0.125	150.39	85.97	14.03
170	3.50	0.090	172.31	98.50	1.50
200	3.75	0.075	172.63	98.69	1.31
230	4.00	0.063	173.83	99.37	0.63
PAN			174.92	99.99	0.01

PHI (5): -1.06

PHI (16): -0.26

PHI (25): 0.18

PHI (50): 1.20

PHI (75): 2.69

PHI (84): 2.94

PHI (95): 3.36

SIEVE LOSS (g): 0.01

SILT/CLAY: 1.31%

SKEWNESS: -0.029

KURTOSIS: 0.720

GRAPHIC METHOD

MEAN (PHI): 1.24

SORTING: 1.60

MEAN (mm): 0.42

MEDIAN (mm): 0.44

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.29

SORTING: 1.47

MEAN (mm): 0.41

DATA FILE NAME: VC99-43R2#6.TAB

GRADATION ANALYSIS REPORT

TOWN OF PALM BEACH

TESTED BY: RW ON: 6/10/99

SAMPLE NO.: VC9943R2#7

SAMPLE ELEV. (FT. NGVD): -45.6

SAMPLE DEPTH (FT.): 17.0

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 171.63

SAMPLE WEIGHT AFTER WASH (GRAMS): 167.42

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.00	16.000	0.00	0.00	100.00
5/16	-3.00	8.000	0.00	0.00	100.00
5	-2.00	4.000	0.00	0.00	100.00
7	-1.50	2.800	0.26	0.15	99.85
10	-1.00	2.000	1.04	0.61	99.39
14	-0.50	1.400	2.04	1.19	98.81
18	0.00	1.000	3.16	1.84	98.16
25	0.50	0.710	5.24	3.05	96.95
35	1.00	0.500	9.61	5.60	94.40
45	1.50	0.355	15.69	9.14	90.86
60	2.00	0.250	27.21	15.85	84.15
80	2.50	0.180	45.71	26.63	73.37
120	3.00	0.125	104.07	60.64	39.36
170	3.50	0.090	165.96	96.70	3.30
200	3.75	0.075	167.14	97.38	2.62
230	4.00	0.063	169.46	98.73	1.27
PAN			171.63	100.00	0.00

PHI (5): 0.88	PHI (16): 2.01	PHI (25): 2.42
PHI (50): 2.84	PHI (75): 3.20	PHI (84): 3.32
PHI (95): 3.48		

SIEVE LOSS(g): 0.00	SILT/CLAY: 2.62%
SKEWNESS: -1.009	KURTOSIS: 1.372

GRAPHIC METHOD

MEAN (PHI): 2.51	SORTING: 0.66
MEAN (mm): 0.18	MEDIAN (mm): 0.14
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD	

MOMENT METHOD

MEAN (PHI): 2.63	SORTING: 0.83
MEAN (mm): 0.16	

DATA FILE NAME: VC99-43R2#7.TAB

GRADATION ANALYSIS REPORT

TOWN OF PALM BEACH

TESTED BY: RW ON: 6/10/99

SAMPLE NO.: VC9943R2#8

SAMPLE ELEV. (FT. NGVD): -47.1

SAMPLE DEPTH (FT.): 18.5

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 245.65

SAMPLE WEIGHT AFTER WASH (GRAMS): 242.07

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.00	16.000	0.00	0.00	100.00
5/16	-3.00	8.000	0.00	0.00	100.00
5	-2.00	4.000	1.27	0.52	99.48
7	-1.50	2.800	2.85	1.16	98.84
10	-1.00	2.000	5.40	2.20	97.80
14	-0.50	1.400	10.81	4.40	95.60
18	0.00	1.000	17.83	7.26	92.74
25	0.50	0.710	28.26	11.50	88.50
35	1.00	0.500	44.57	18.14	81.86
45	1.50	0.355	59.63	24.27	75.73
60	2.00	0.250	80.19	32.64	67.36
80	2.50	0.180	105.80	43.07	56.93
120	3.00	0.125	177.68	72.33	27.67
170	3.50	0.090	240.59	97.94	2.06
200	3.75	0.075	241.76	98.42	1.58
230	4.00	0.063	243.72	99.21	0.79
PAN			245.64	100.00	0.00

PHI (5): -0.40

PHI (16): 0.84

PHI (25): 1.54

PHI (50): 2.62

PHI (75): 3.05

PHI (84): 3.23

PHI (95): 3.44

SIEVE LOSS (g): 0.01

SILT/CLAY: 1.58%

SKEWNESS: -0.916

KURTOSIS: 1.042

GRAPHIC METHOD

MEAN (PHI): 1.95

SORTING: 1.19

MEAN (mm): 0.26

MEDIAN (mm): 0.16

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.16

SORTING: 1.22

MEAN (mm): 0.22

DATA FILE NAME: VC99-43R2#8.TAB

GRADATION ANALYSIS REPORT

TOWN OF PALM BEACH

TESTED BY: RW ON: 6/10/99

SAMPLE NO.: VC9943R2#9

SAMPLE ELEV. (FT. NGVD): -48.4

SAMPLE DEPTH (FT.): 19.8

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 178.49

SAMPLE WEIGHT AFTER WASH (GRAMS): 175.13

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.00	16.000	0.00	0.00	100.00
5/16	-3.00	8.000	0.00	0.00	100.00
5	-2.00	4.000	0.15	0.08	99.92
7	-1.50	2.800	0.66	0.37	99.63
10	-1.00	2.000	1.51	0.85	99.15
14	-0.50	1.400	3.15	1.76	98.24
18	0.00	1.000	5.15	2.89	97.11
25	0.50	0.710	7.87	4.41	95.59
35	1.00	0.500	12.41	6.95	93.05
45	1.50	0.355	18.36	10.29	89.71
60	2.00	0.250	32.27	18.08	81.92
80	2.50	0.180	56.02	31.39	68.61
120	3.00	0.125	117.98	66.10	33.90
170	3.50	0.090	173.61	97.27	2.73
200	3.75	0.075	174.83	97.95	2.05
230	4.00	0.063	176.72	99.01	0.99
PAN			178.48	99.99	0.01

PHI(5): 0.62	PHI(16): 1.87	PHI(25): 2.26
PHI(50): 2.77	PHI(75): 3.14	PHI(84): 3.29
PHI(95): 3.46		

SIEVE LOSS(g): 0.01	SILT/CLAY: 2.05%
SKEWNESS: -1.025	KURTOSIS: 1.322

GRAPHIC METHOD

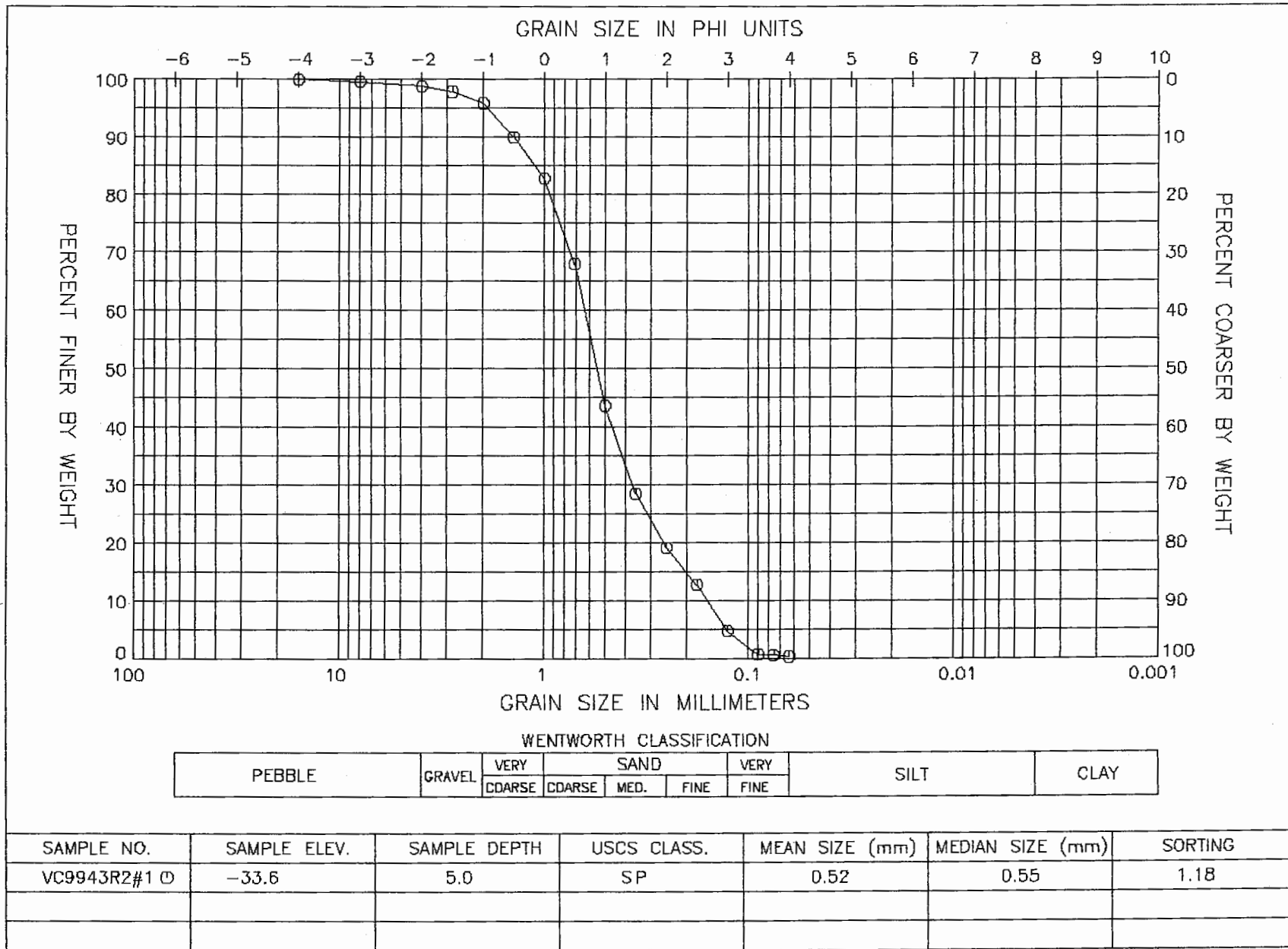
MEAN (PHI): 2.40	SORTING: 0.71
MEAN (mm): 0.19	MEDIAN (mm): 0.15
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD	

MOMENT METHOD

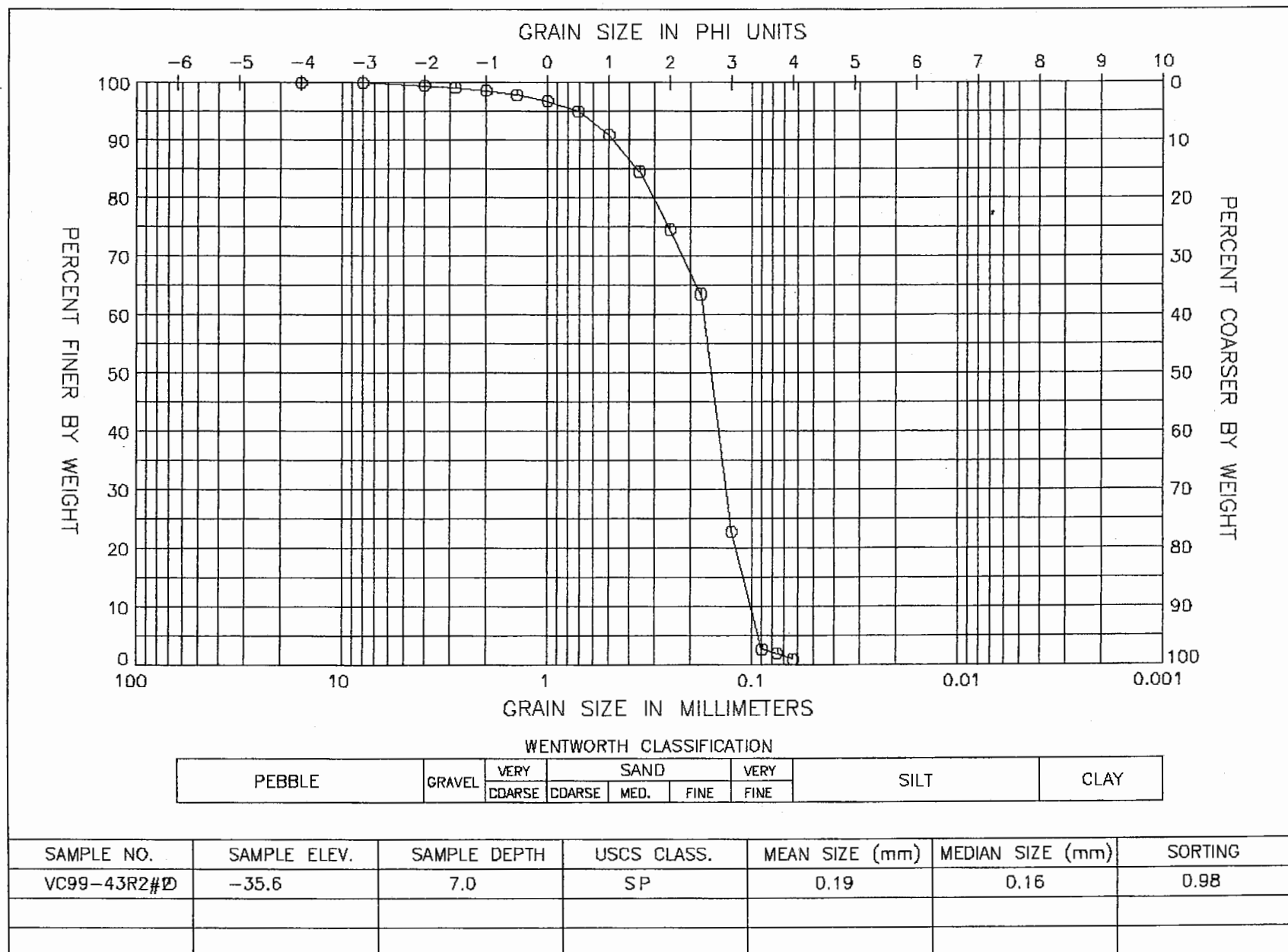
MEAN (PHI): 2.54	SORTING: 0.90
MEAN (mm): 0.17	

DATA FILE NAME: VC99-43R2#9.TAB

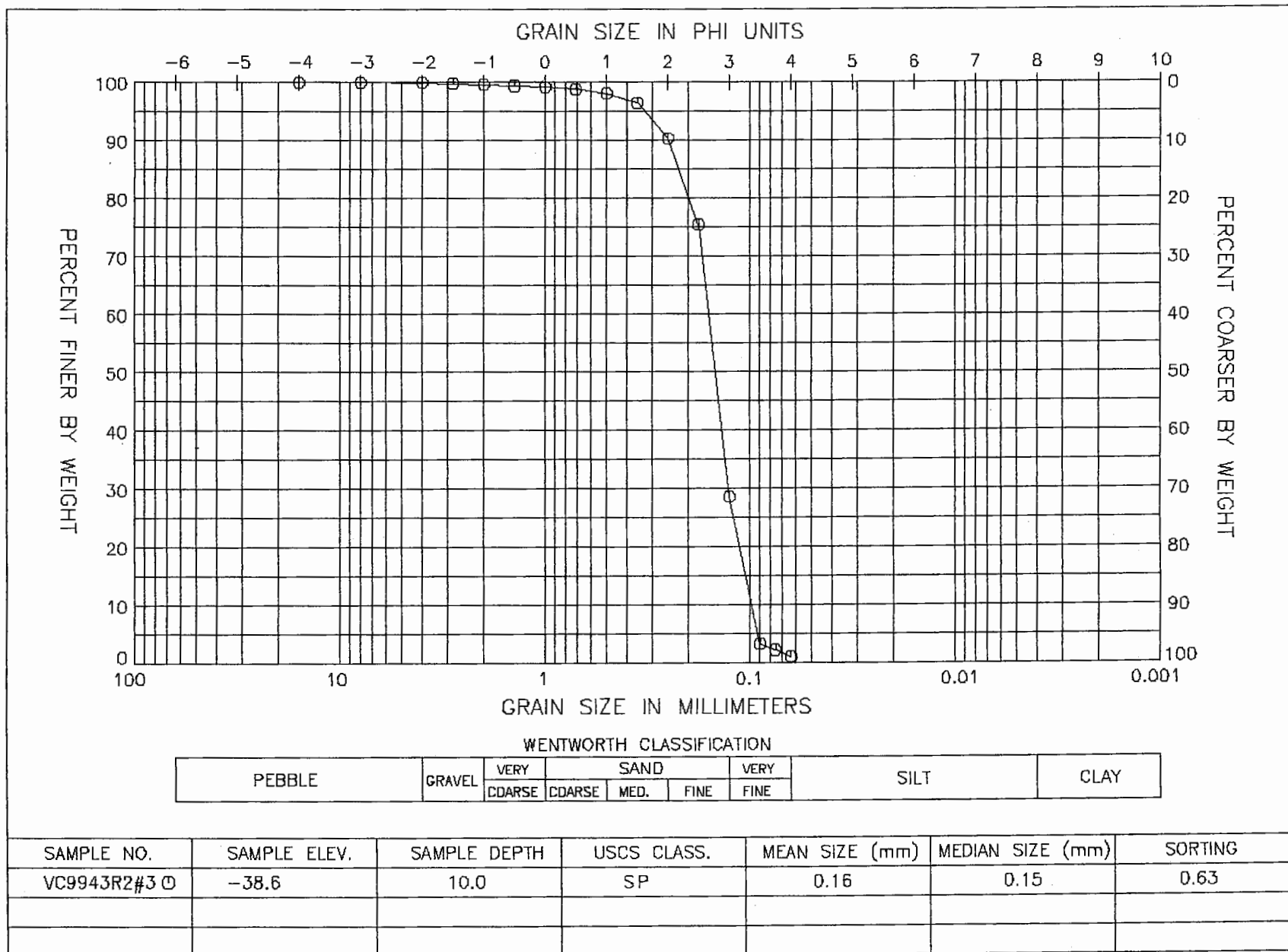
GRAIN SIZE DISTRIBUTION CURVE
TOWN OF PALM BEACH



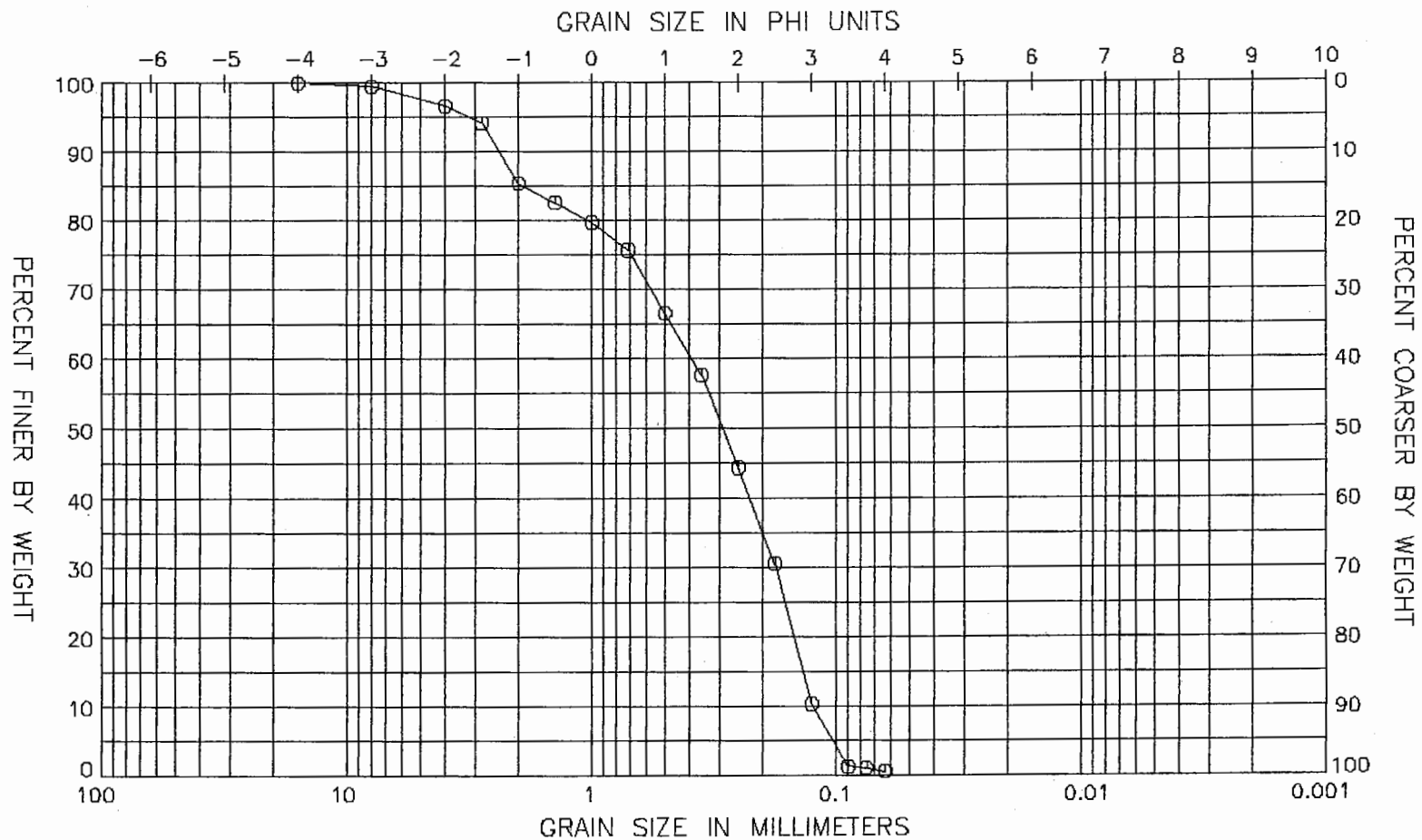
GRAIN SIZE DISTRIBUTION CURVE TOWN OF PALM BEACH



GRAIN SIZE DISTRIBUTION CURVE TOWN OF PALM BEACH



GRAIN SIZE DISTRIBUTION CURVE TOWN OF PALM BEACH

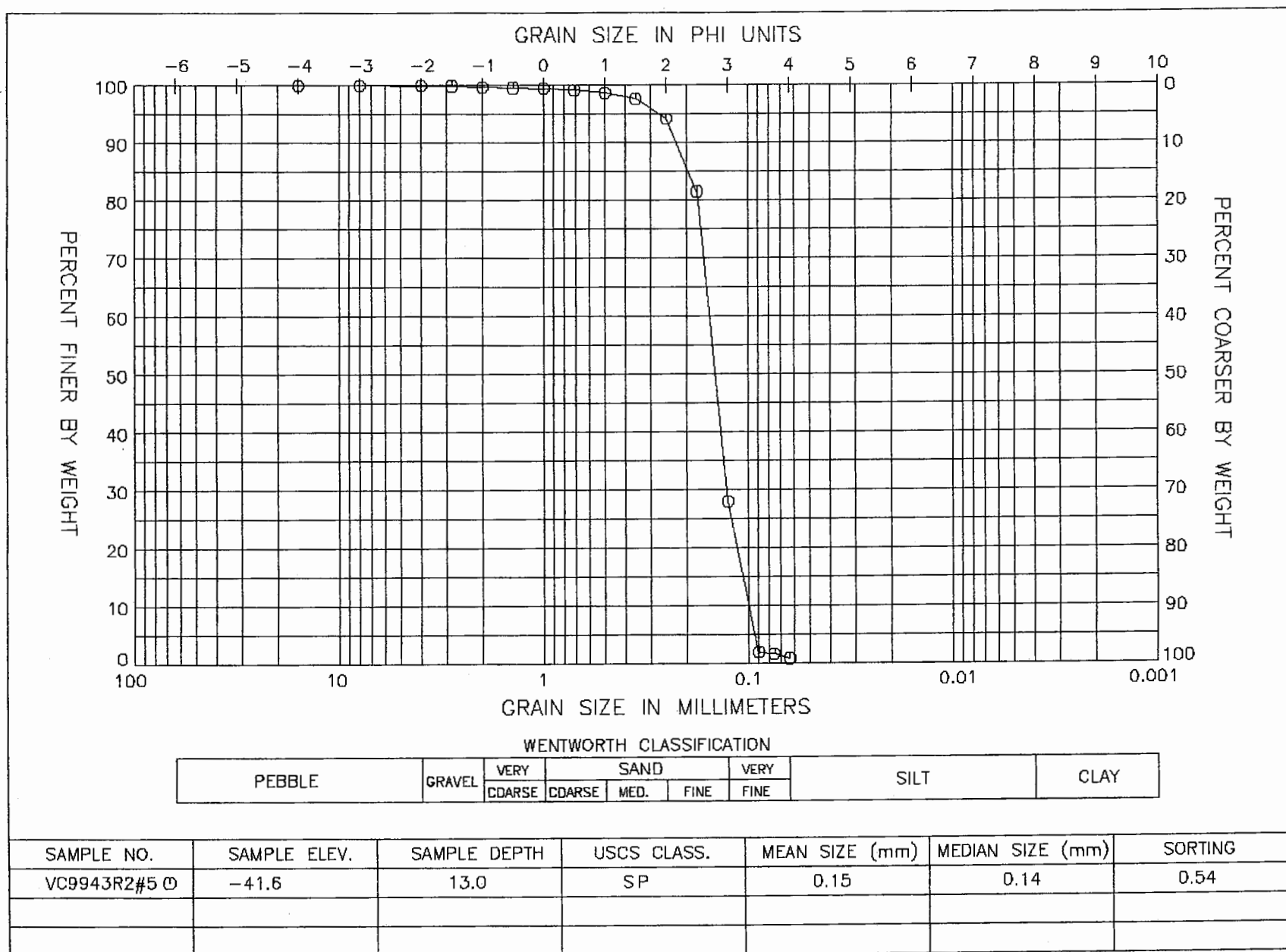


WENTWORTH CLASSIFICATION

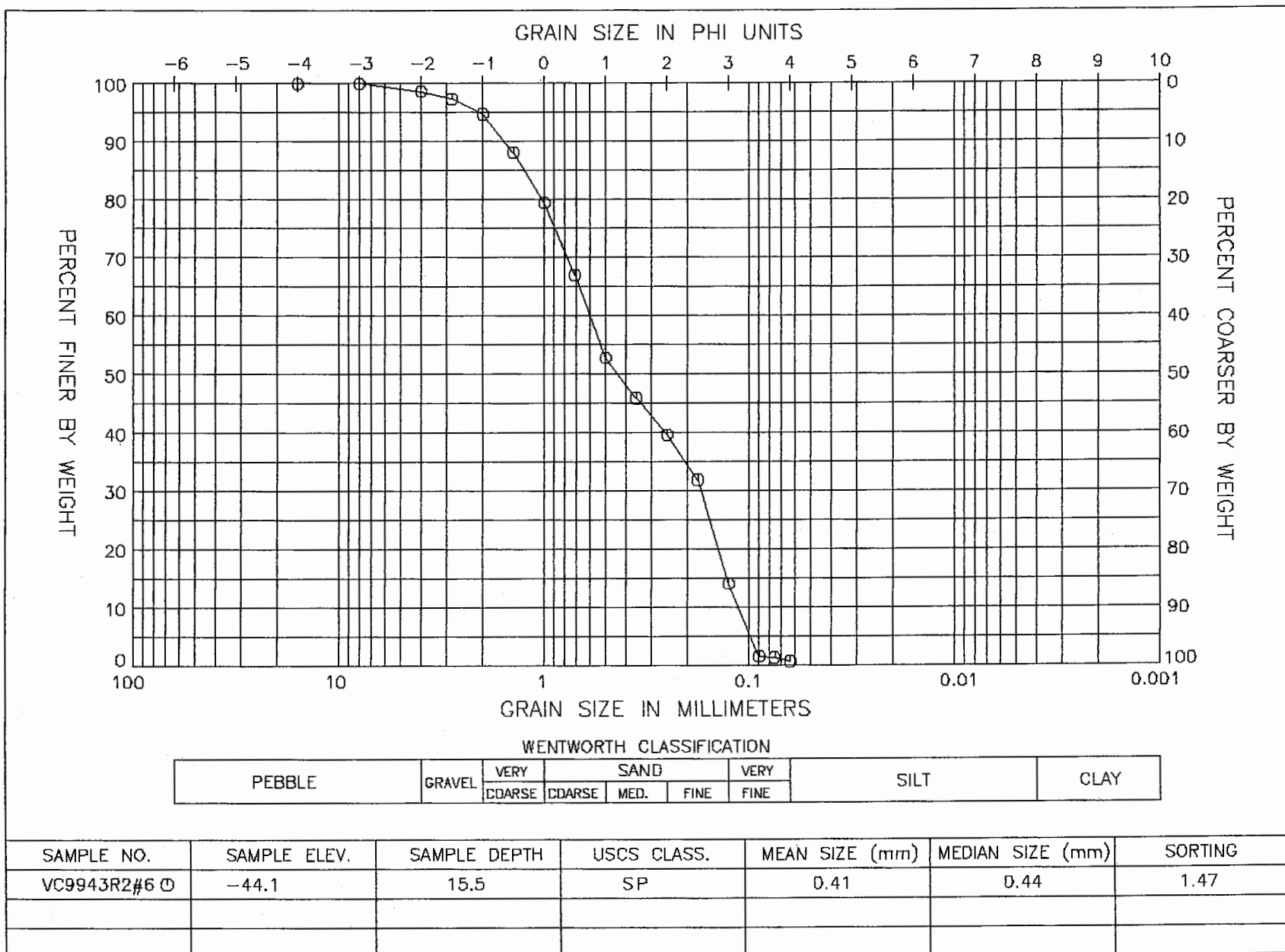
PEBBLE	GRAVEL	VERY	SAND			VERY	SILT	CLAY
		COARSE	COARSE	MED.	FINE	FINE		

SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
VC9943R2#4	-40.2	11.6	SP	0.39	0.29	1.60

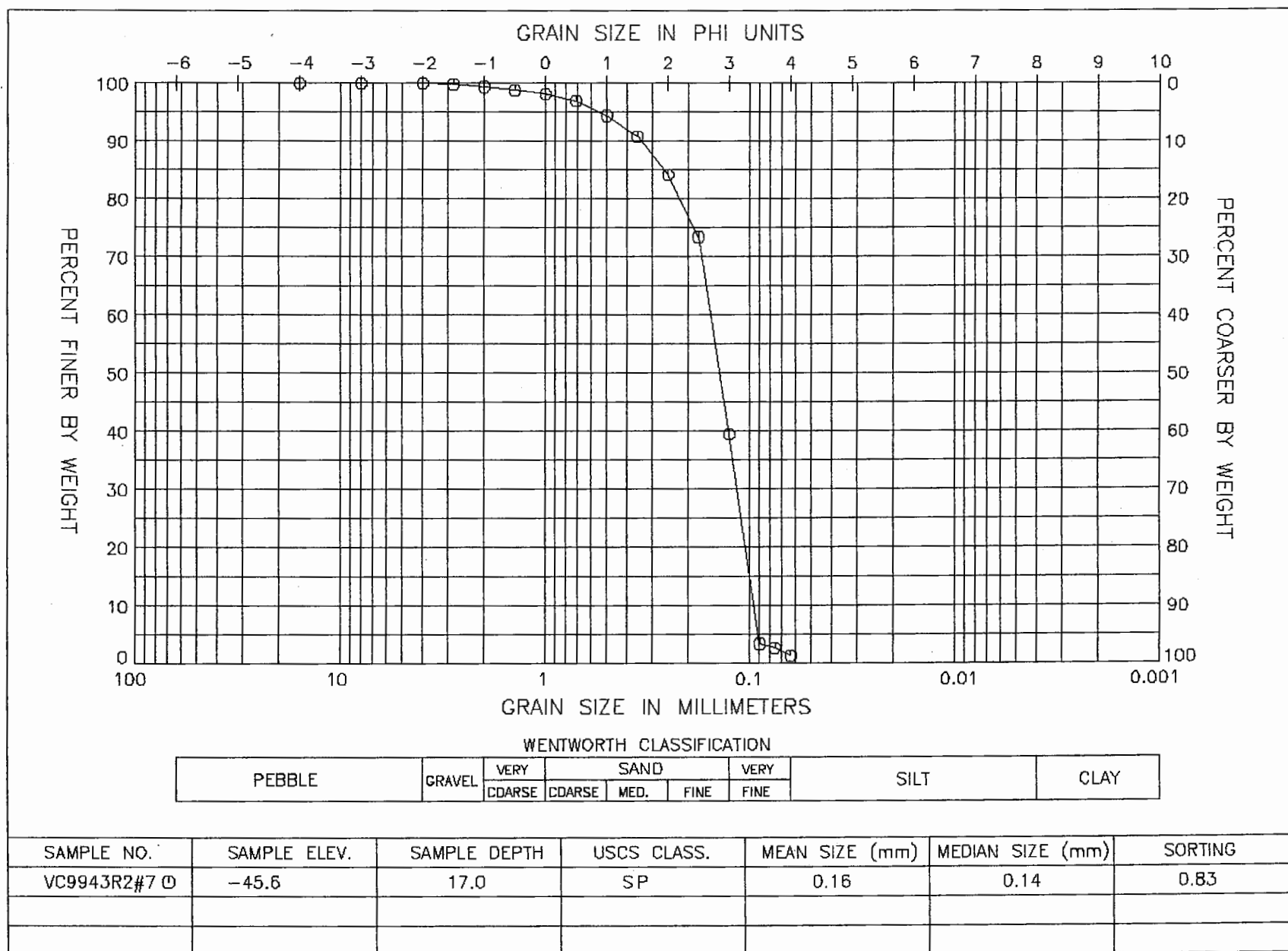
GRAIN SIZE DISTRIBUTION CURVE TOWN OF PALM BEACH



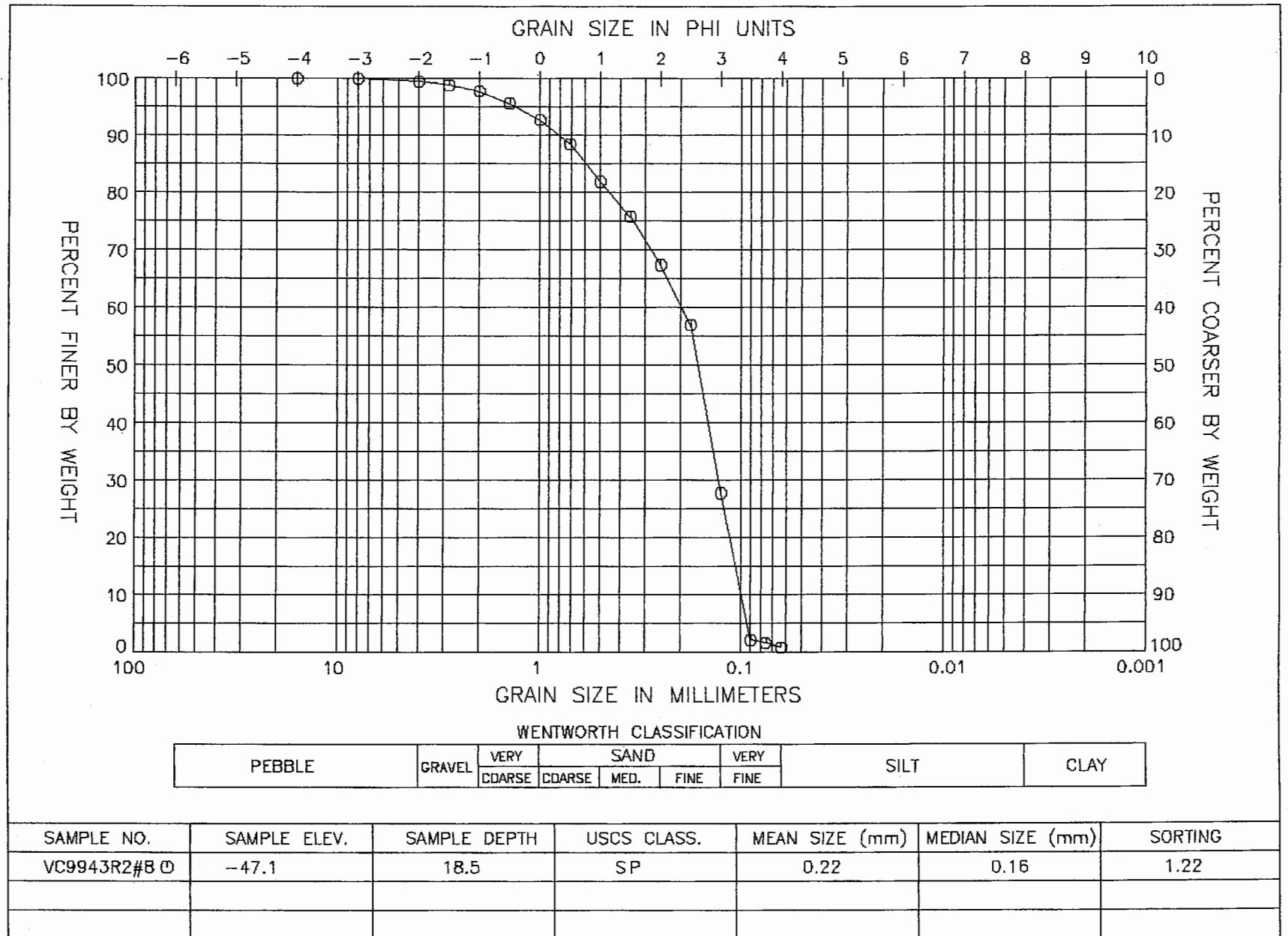
GRAIN SIZE DISTRIBUTION CURVE
TOWN OF PALM BEACH



GRAIN SIZE DISTRIBUTION CURVE TOWN OF PALM BEACH



GRAIN SIZE DISTRIBUTION CURVE TOWN OF PALM BEACH



GRAIN SIZE DISTRIBUTION CURVE TOWN OF PALM BEACH

