

JET PROBE LOG				
PROJECT: CAPTIVA JET PROBES		JET PROBE: CIJP-00-03		
COORDINATES:	DATE: 5/2/00	WATER DEPTH: 20.0'		
N = 575196.31	START TIME: 1120	TOP DIVER: CM		
E = 837016.51	END TIME: 1125	BOTTOM DIVER: TT		
NOTES	ELEV.	DEPTH	SYMBOL	DESCRIPTION
LENGTH OF PVC PIPE: 20.0'	-20	0		SEA FLOOR
PENETRATION DEPTH: 20.0'+		1		
JET PUMP TYPE: Briggs and Stratton 3.0 hp		2		
GAL/HR: 8460		3		
DIAMETER OF PIPE: 1.5"		4		
SUPPORT VESSEL: CPE II		5		
POSITIONING: DIFFERENTIAL GPS USCG BEACON		6		
NAVIGATION SYSTEM: "HYPACK"		7		
WEATHER:		8		
WIND:		9		
DIR: SE		10		
SPEED: 8-10 KT.		11		
WAVES:		12		
DIR: SE		13		
HIEGHT: 1 - 2 ft	-31	14		
CURRENT:		15		
DIR: E		16		
SPEED: SLIGHT		17		
	-34	18		
		19		
	-36	20		
		21		
	-37	22		
		23		
	-40	24		
TURBIDITY:				
TOP (0' - 10'): LOW				
BOTTOM (10' - 20'): LOW				
DRAWN BY: TT	CHECKED BY: SK			
COMM.NO: 8402.41				

GRADATION ANALYSIS REPORT
CAPTIVA JET PROBES
TESTED BY: ID ON: 5/00

SAMPLE NO.: CIJP-00-03
SAMPLE ELEV. (FT. NGVD): BOT
SAMPLE DEPTH (FT.):
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 99.95
SAMPLE WEIGHT AFTER WASH (GRAMS): 88.44

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	0.06	0.06	99.94
10	-1.00	2.000	0.73	0.73	99.27
14	-0.50	1.400	2.07	2.07	97.93
18	0.00	1.000	3.77	3.77	96.23
25	0.50	0.710	6.95	6.95	93.05
35	1.00	0.500	12.22	12.23	87.77
45	1.50	0.355	22.03	22.04	77.96
60	2.00	0.250	43.33	43.35	56.65
80	2.50	0.180	62.30	62.33	37.67
120	3.00	0.125	73.66	73.70	26.30
170	3.50	0.090	87.95	87.99	12.01
200	3.75	0.075	88.36	88.40	11.60
230	4.00	0.063	94.18	94.23	5.77
PAN			99.95	100.00	0.00

PHI (5): 0.19 PHI (16): 1.19 PHI (25): 1.57
PHI (50): 2.18 PHI (75): 3.05 PHI (84): 3.36
PHI (95): 4.03

SIEVE LOSS(g): 0.00 SILT/CLAY: 11.60%
SKEWNESS: -0.057 KURTOSIS: 1.066

GRAPHIC METHOD

MEAN (PHI): 2.19 SORTING: 1.08
MEAN (mm): 0.22 MEDIAN (mm): 0.22
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.08 SORTING: 1.04
MEAN (mm): 0.24

DATA FILE NAME: CIJP-00-03 BOT.TAB

GRADATION ANALYSIS REPORT
CAPTIVA JET PROBES
TESTED BY: ID ON: 5/00

SAMPLE NO.: CIJP-00-03
SAMPLE ELEV. (FT. NGVD): MID
SAMPLE DEPTH (FT.):
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 99.95
SAMPLE WEIGHT AFTER WASH (GRAMS): 98.60

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	0.92	0.92	99.08
7	-1.50	2.800	1.57	1.57	98.43
10	-1.00	2.000	2.46	2.46	97.54
14	-0.50	1.400	3.92	3.92	96.08
18	0.00	1.000	6.09	6.09	93.91
25	0.50	0.710	9.85	9.85	90.15
35	1.00	0.500	17.50	17.51	82.49
45	1.50	0.355	34.84	34.86	65.14
60	2.00	0.250	63.59	63.62	36.38
80	2.50	0.180	80.96	81.00	19.00
120	3.00	0.125	94.00	94.05	5.95
170	3.50	0.090	98.35	98.40	1.60
200	3.75	0.075	98.58	98.63	1.37
230	4.00	0.063	99.26	99.31	0.69
PAN			99.95	100.00	0.00

PHI (5): -0.25 PHI (16): 0.90 PHI (25): 1.22
PHI (50): 1.76 PHI (75): 2.33 PHI (84): 2.61
PHI (95): 3.11

SIEVE LOSS (g): 0.00 SILT/CLAY: 1.37%
SKEWNESS: -0.390 KURTOSIS: 1.239

GRAPHIC METHOD

MEAN (PHI): 1.63 SORTING: 0.86
MEAN (mm): 0.32 MEDIAN (mm): 0.29
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.66 SORTING: 1.01
MEAN (mm): 0.32

DATA FILE NAME: CIJP-00-03 MID.TAB

GRADATION ANALYSIS REPORT
CAPTIVA JET PROBES
TESTED BY: ID ON: 5/00

SAMPLE NO.: CIJP-00-03
SAMPLE ELEV. (FT. NGVD): TOP
SAMPLE DEPTH (FT.):
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 100.01
SAMPLE WEIGHT AFTER WASH (GRAMS): 98.58

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	0.08	0.08	99.92
7	-1.50	2.800	0.45	0.45	99.55
10	-1.00	2.000	1.06	1.06	98.94
14	-0.50	1.400	2.47	2.47	97.53
18	0.00	1.000	4.73	4.73	95.27
25	0.50	0.710	9.61	9.61	90.39
35	1.00	0.500	20.14	20.14	79.86
45	1.50	0.355	46.37	46.37	53.63
60	2.00	0.250	83.29	83.28	16.72
80	2.50	0.180	96.06	96.05	3.95
120	3.00	0.125	97.42	97.41	2.59
170	3.50	0.090	98.58	98.57	1.43
200	3.75	0.075	98.58	98.57	1.43
230	4.00	0.063	99.29	99.29	0.71
PAN			100.01	100.00	0.00

PHI (5): 0.03	PHI (16): 0.80	PHI (25): 1.09
PHI (50): 1.55	PHI (75): 1.89	PHI (84): 2.03
PHI (95): 2.46		

SIEVE LOSS (g): 0.00	SILT/CLAY: 1.43%
SKEWNESS: -0.500	KURTOSIS: 1.253

GRAPHIC METHOD

MEAN (PHI): 1.37	SORTING: 0.61
MEAN (mm): 0.39	MEDIAN (mm): 0.34

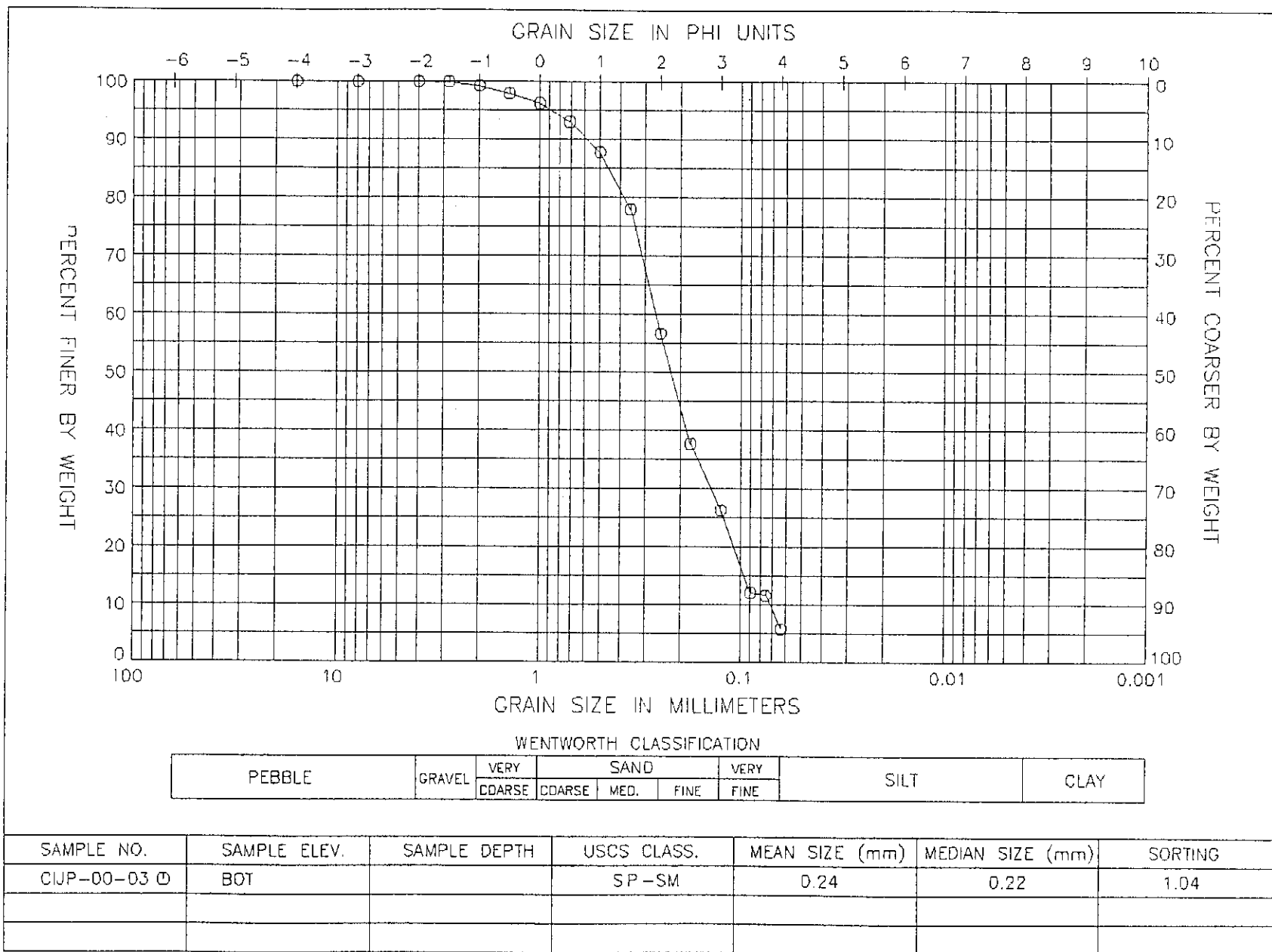
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

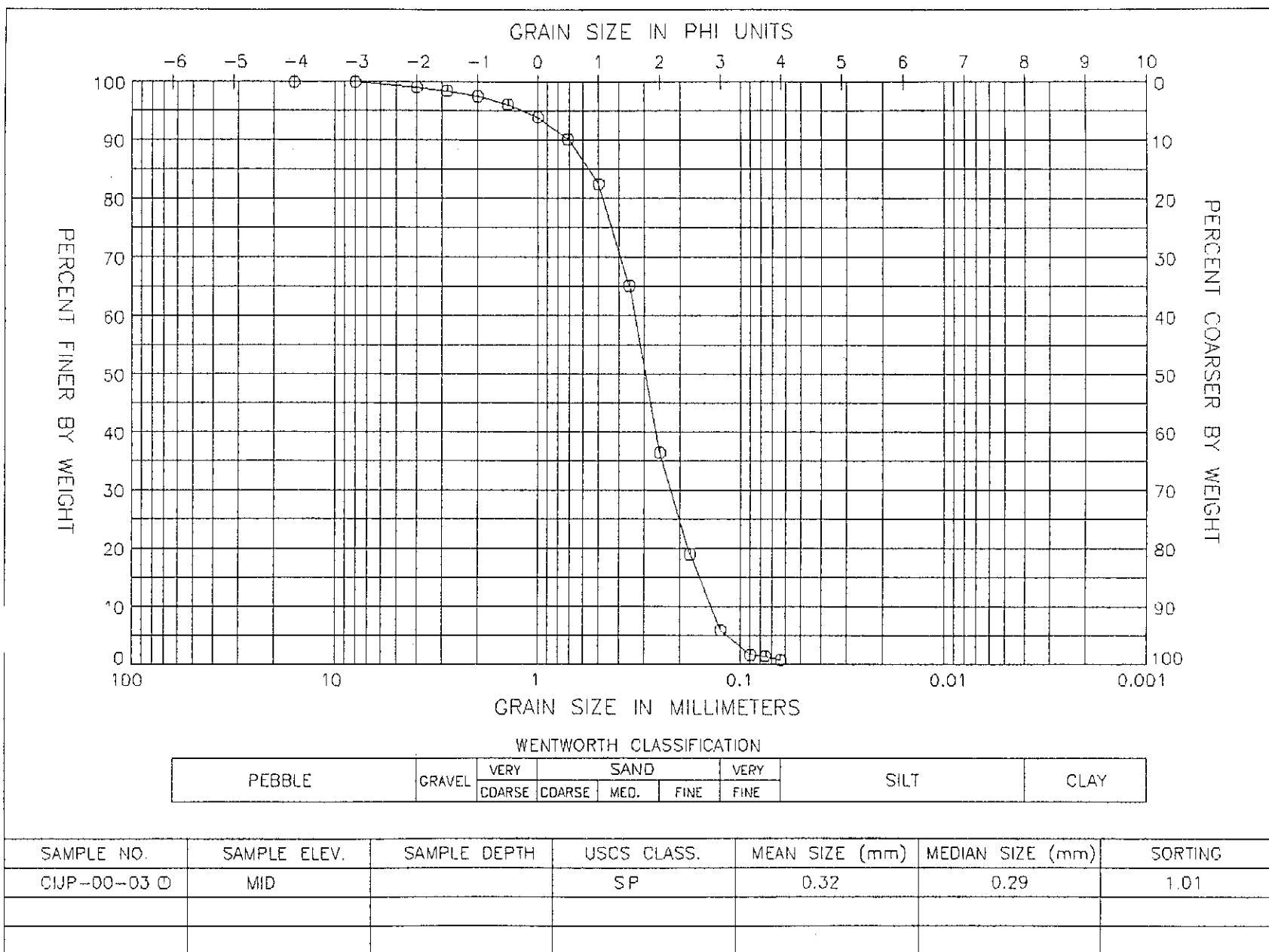
MEAN (PHI): 1.43	SORTING: 0.76
MEAN (mm): 0.37	

DATA FILE NAME: CIJP-00-03 TOP.TAB

GRAIN SIZE DISTRIBUTION CURVE
CAPTIVA JET PROBES



GRAIN SIZE DISTRIBUTION CURVE CAPTIVA JET PROBES



GRAIN SIZE DISTRIBUTION CURVE CAPTIVA JET PROBES

