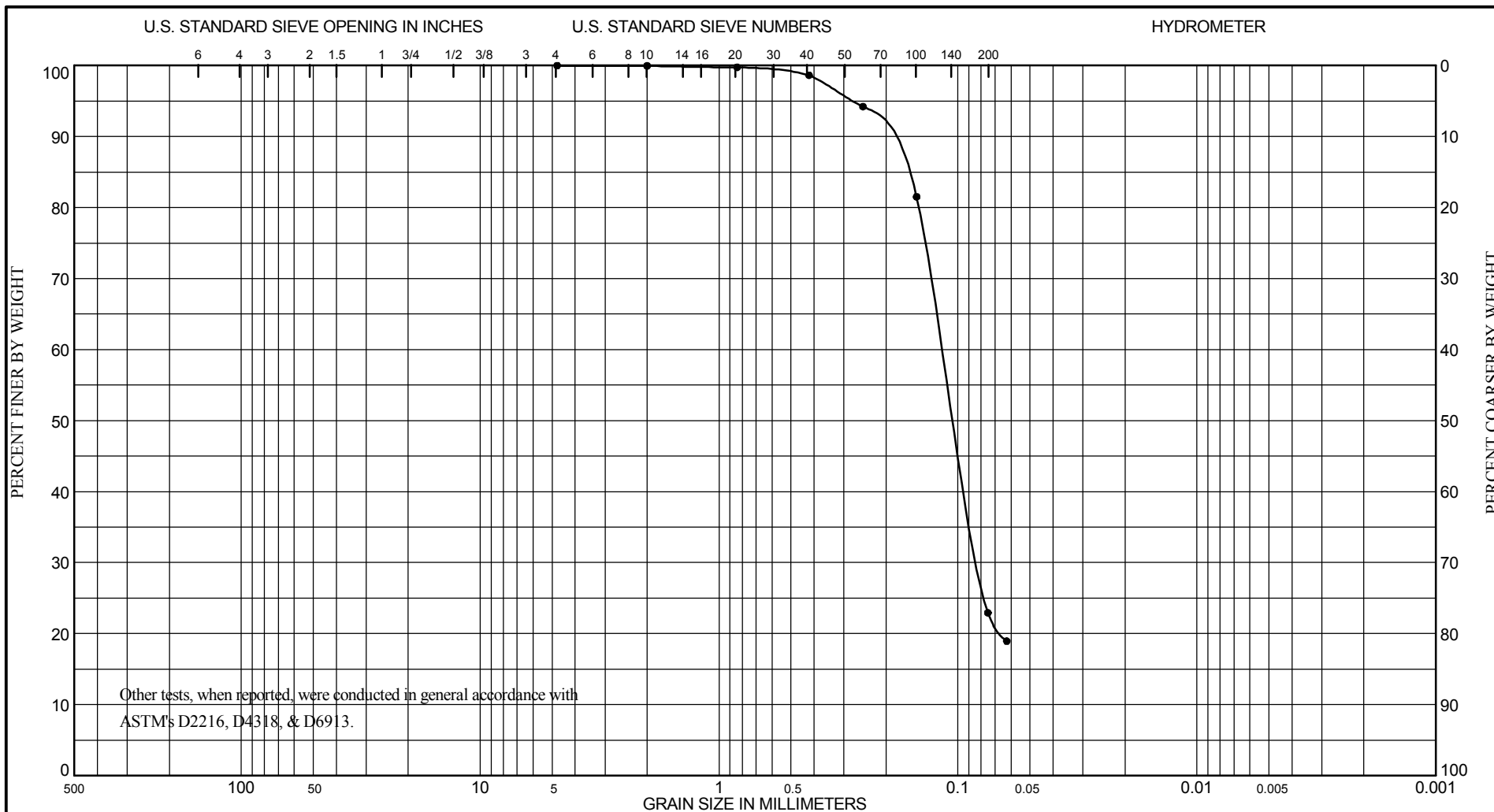


COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	64.4 to 65.9	Very Dark Grayish Brown, Sandy Inorganic Silt Low LL (ML), with a trace of gravel.	23.0	44	31	13	Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3289
							Hole No. EC-13-B-1
							Date 11/27/13

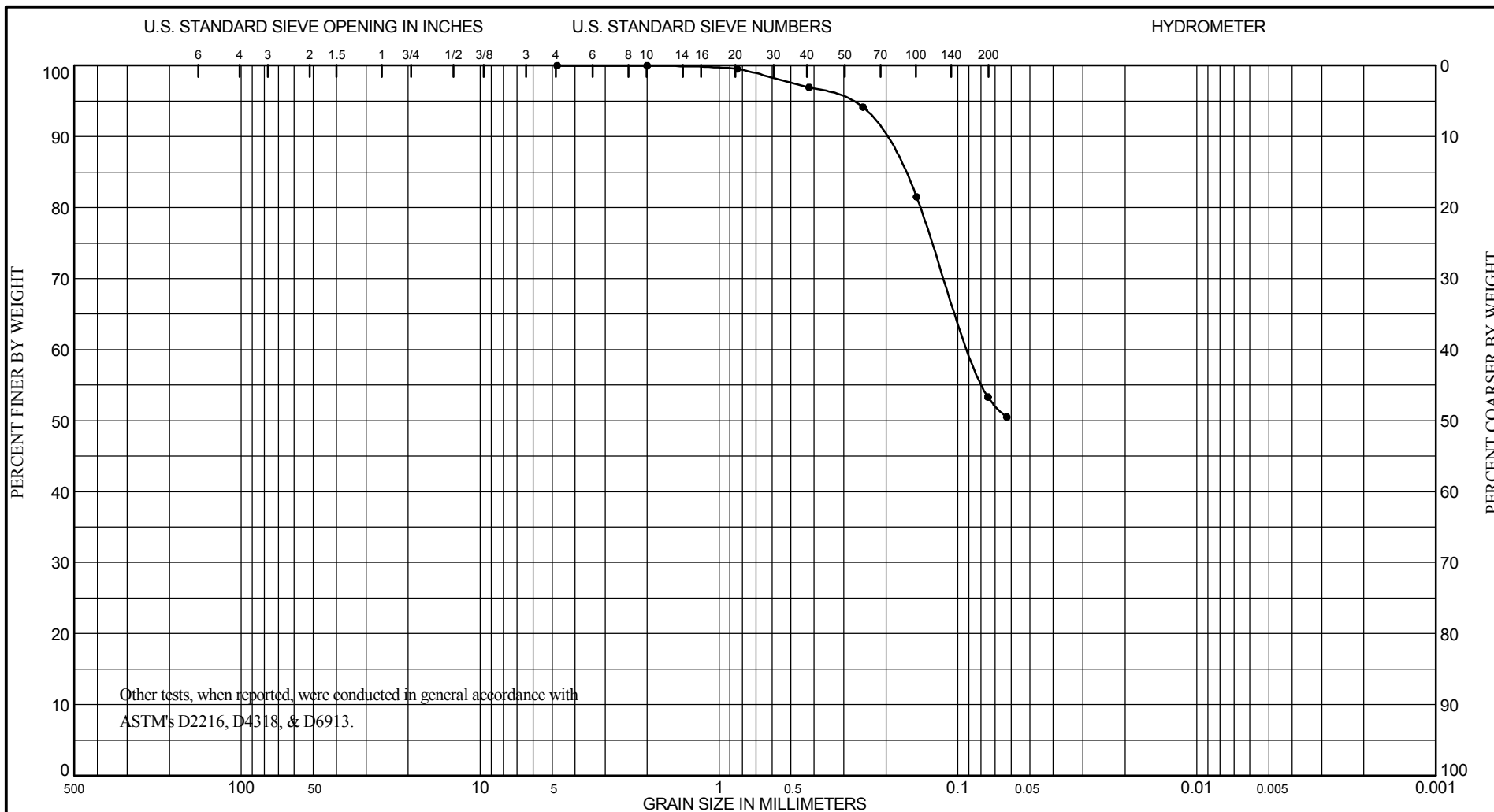
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4	68.9 to 70.4	Dark Olive Gray, Silty Sand (SM).	40.6	41	36	5	Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3292
							Hole No. EC-13-B-1
							Date 11/27/13

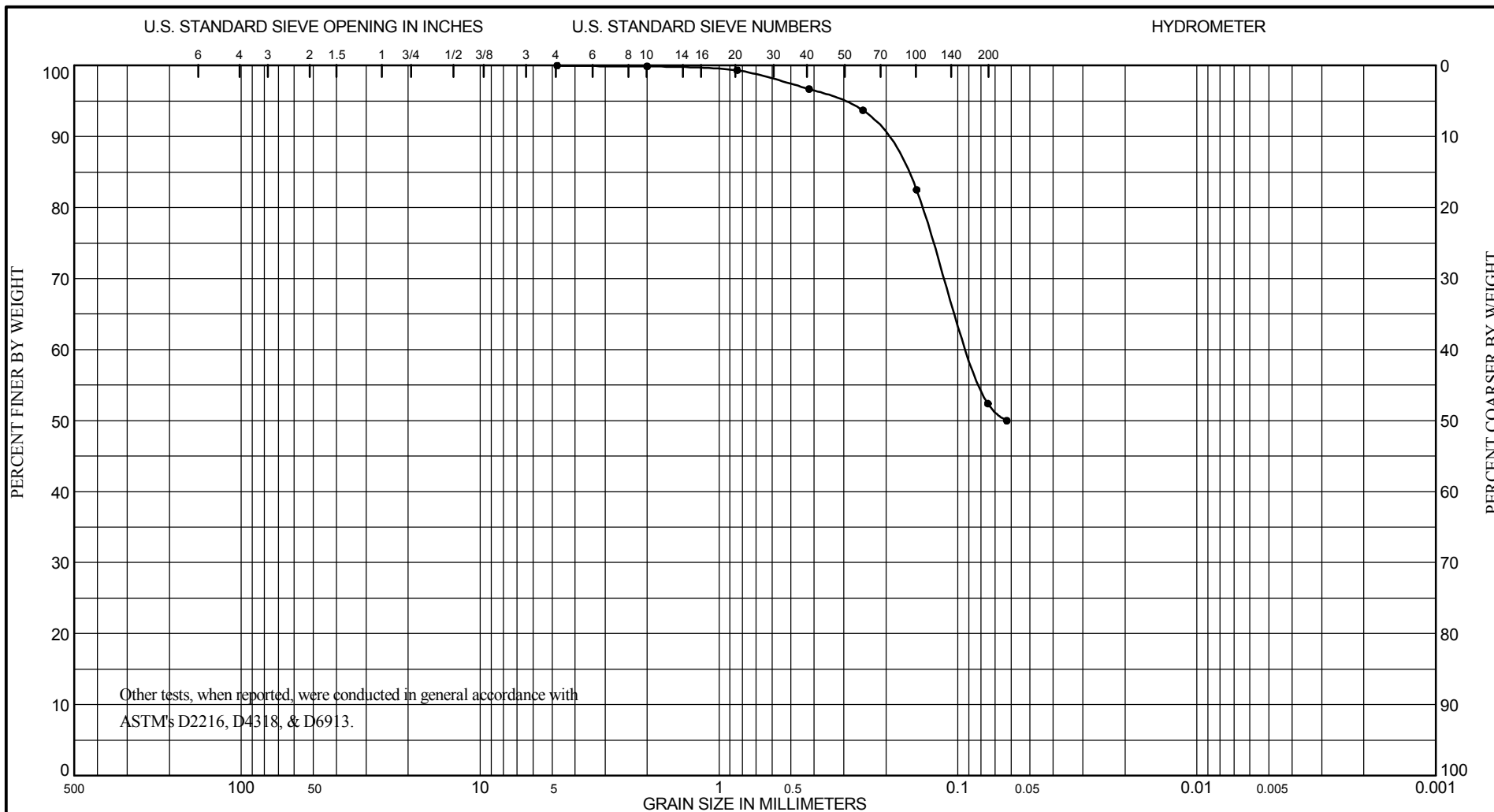
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
3	75.2 to 76.7	Very Dark Grayish Brown, Sandy Inorganic Silt High LL (MH).	33.3	50	45	5	Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3297
							Hole No. EC-13-B-2
							Date 11/27/13

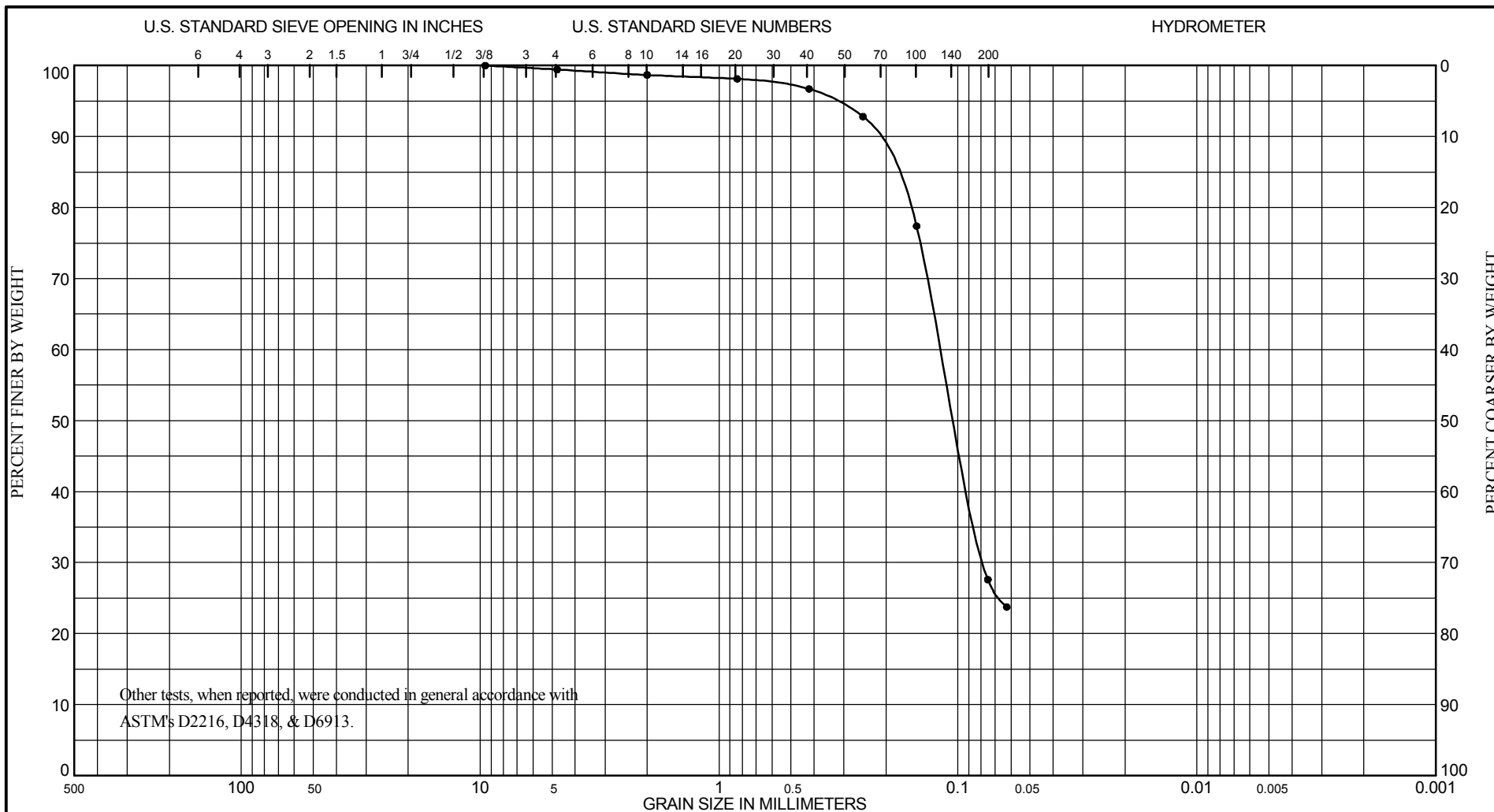
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487	Classification	Nat w%	LL	PL	PI	Project
2	73.0 to 74.5		Dark Olive Gray, Sandy Inorganic Silt Low LL (ML).	30.0	47	41	6	Charleston Harbor Entrance Channel
								Soil & Rock Testing
								Lab No. K2/3301
								Hole No. EC-13-B-3
								Date 11/27/13

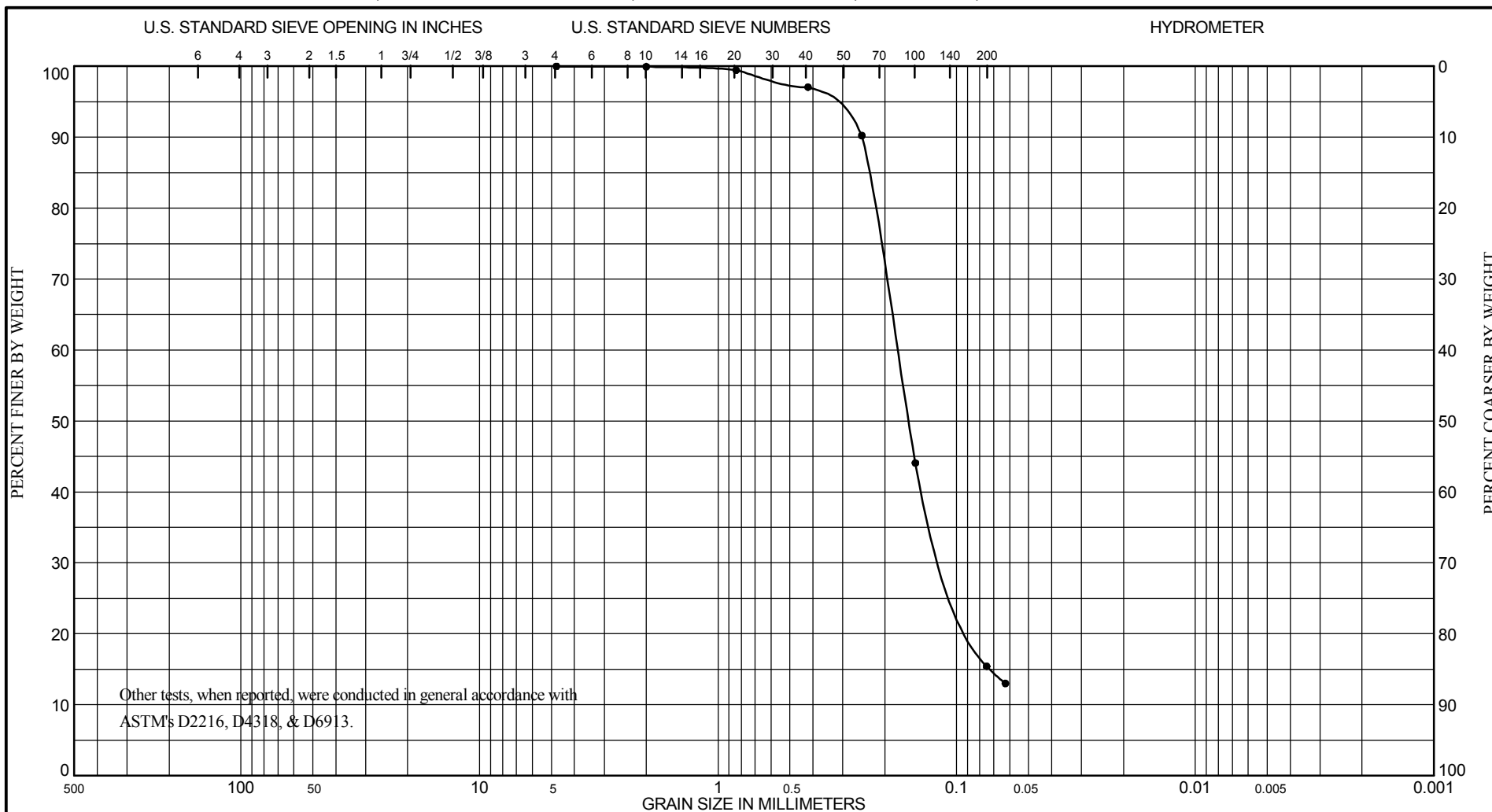
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4	76.0 to 77.5	Dark Olive Gray, Silty Sand (SM).	36.4				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3303
							Hole No. EC-13-B-3
							Date 11/27/13

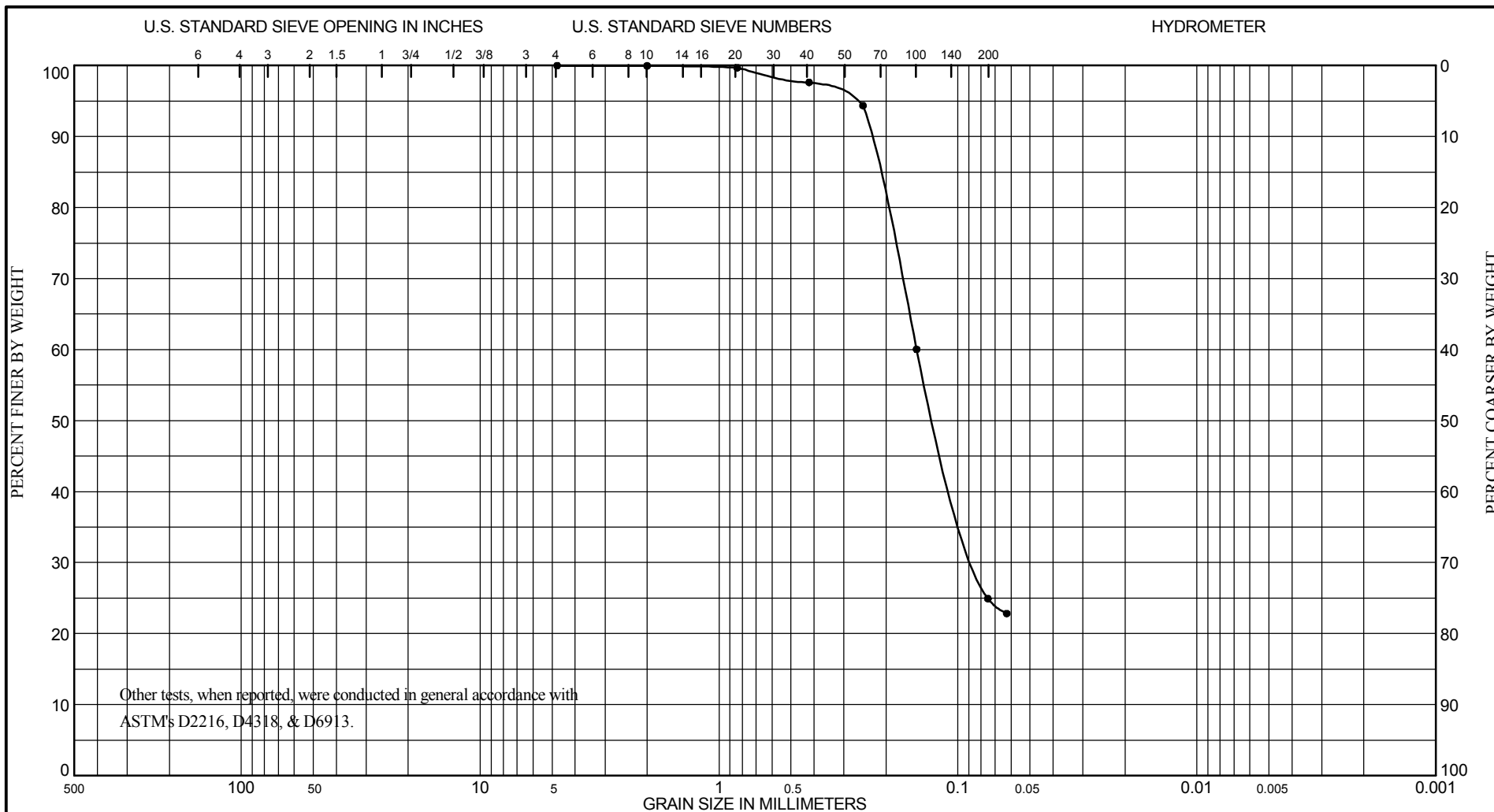
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
2	69.3 to 70.8	Very Dark Gray, Silty Sand (SM).	35.9				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3306
							Hole No. EC-13-B-4
							Date 11/27/13

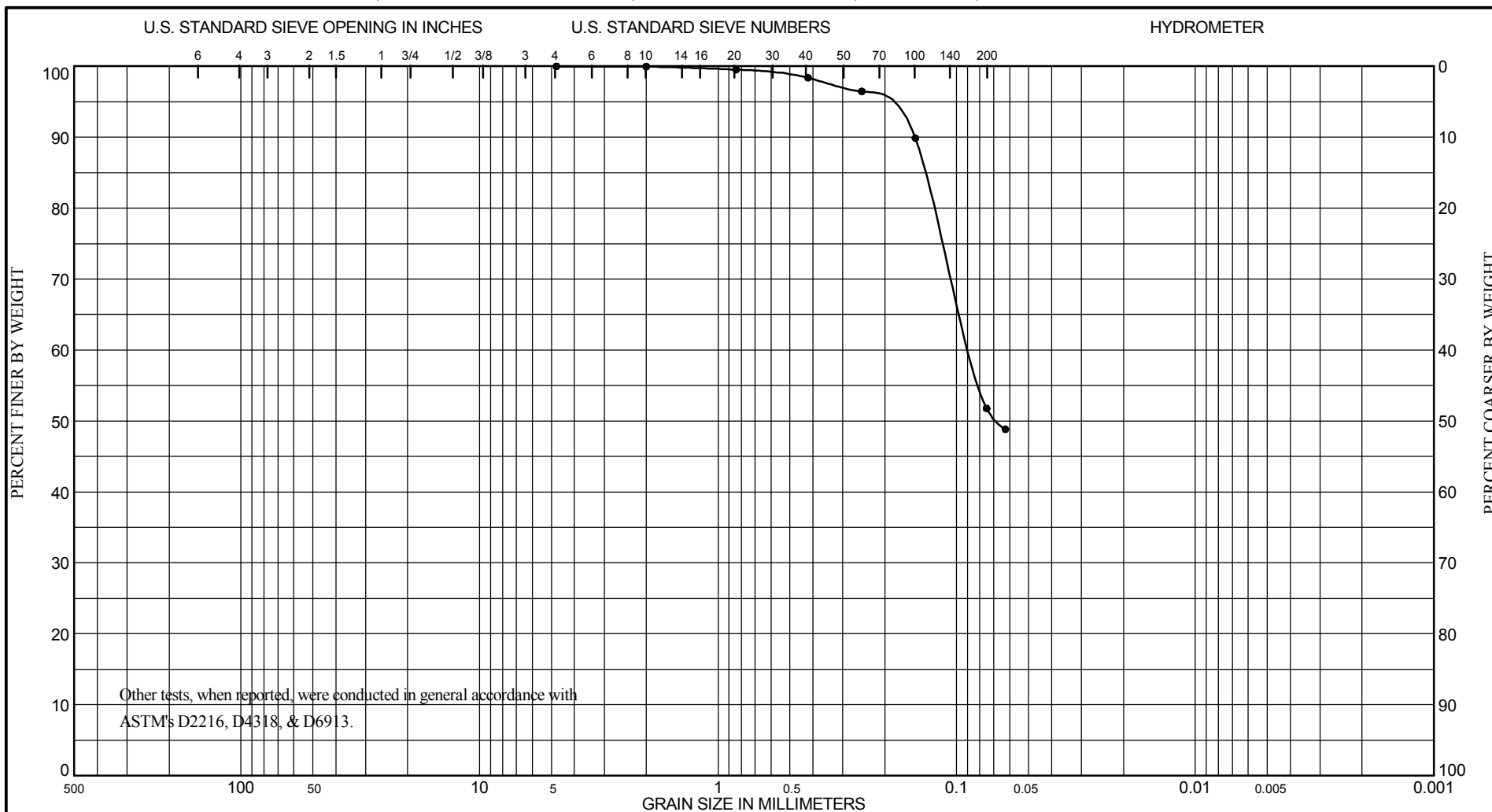
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4	73.0 to 74.5	Very Dark Gray, Silty Sand (SM).	37.1				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3308
							Hole No. EC-13-B-4
							Date 11/27/13

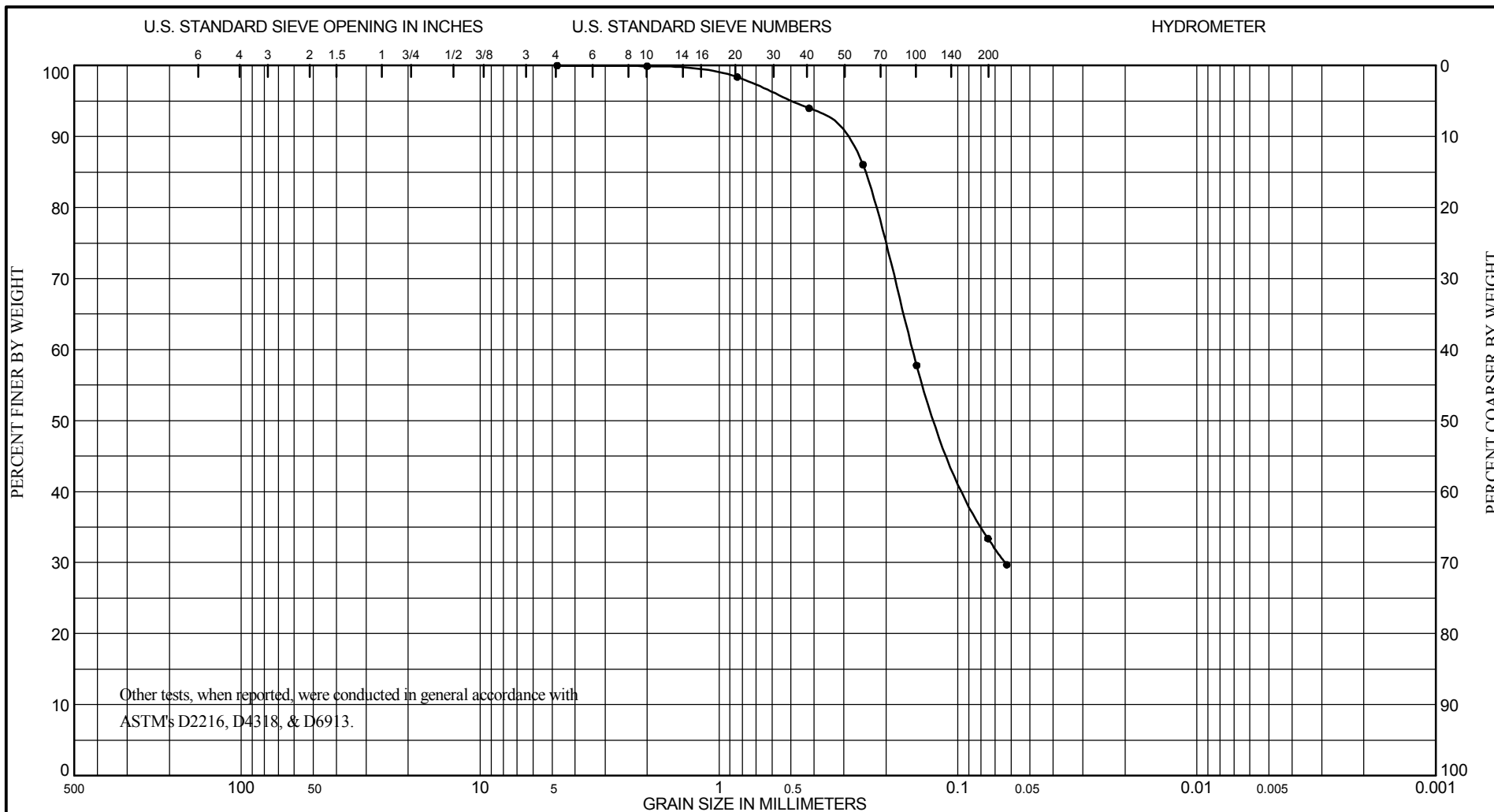
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
6	76.0 to 77.5	Dark Olive Gray, (Visual) Sandy Inorganic Silt Low LL (ML).	35.6				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3310
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							Date 11/27/13

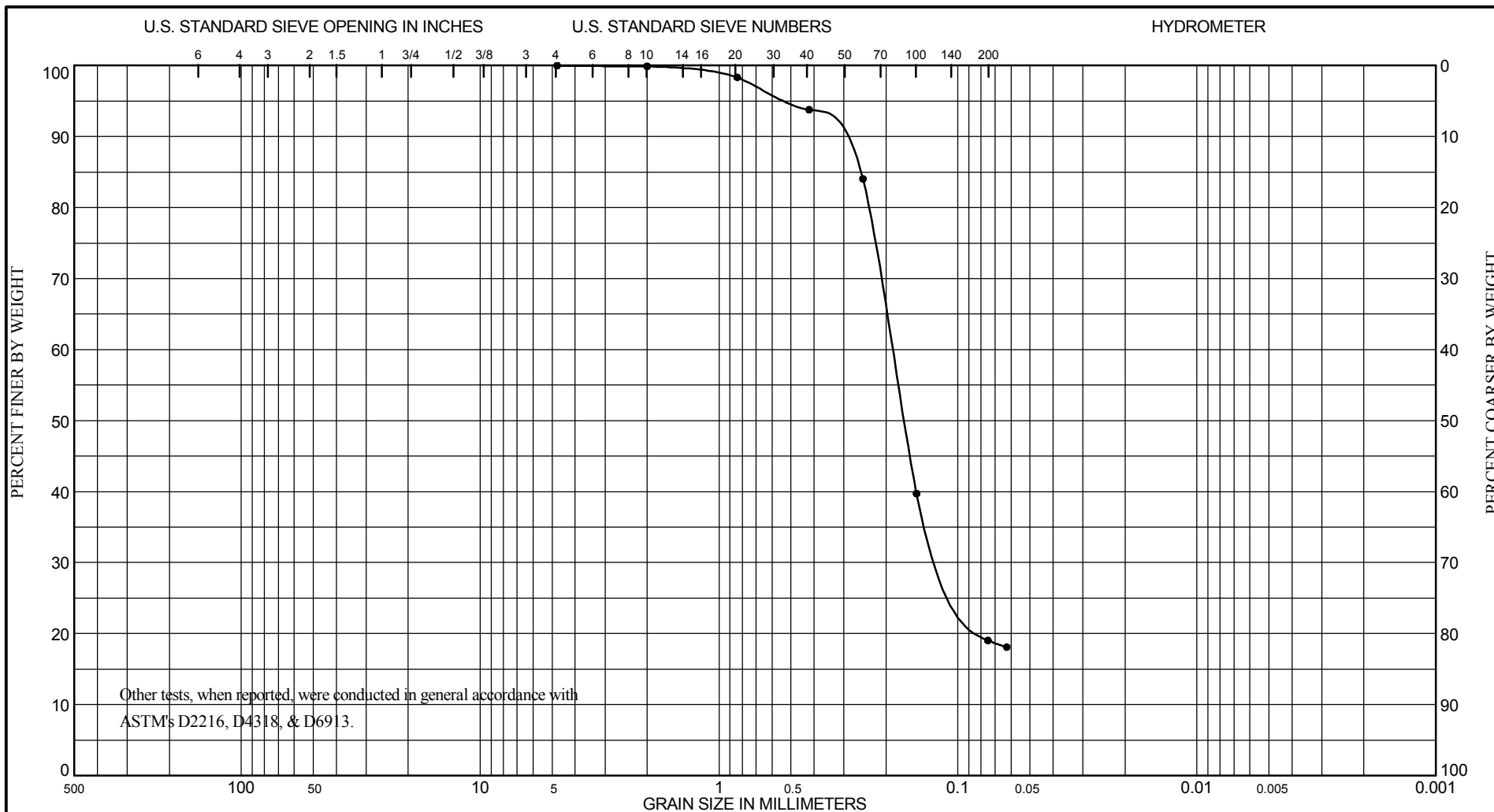
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
2	72.0 to 73.5	Black, Silty Sand (SM).	48.3				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3316
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							Date 11/27/13

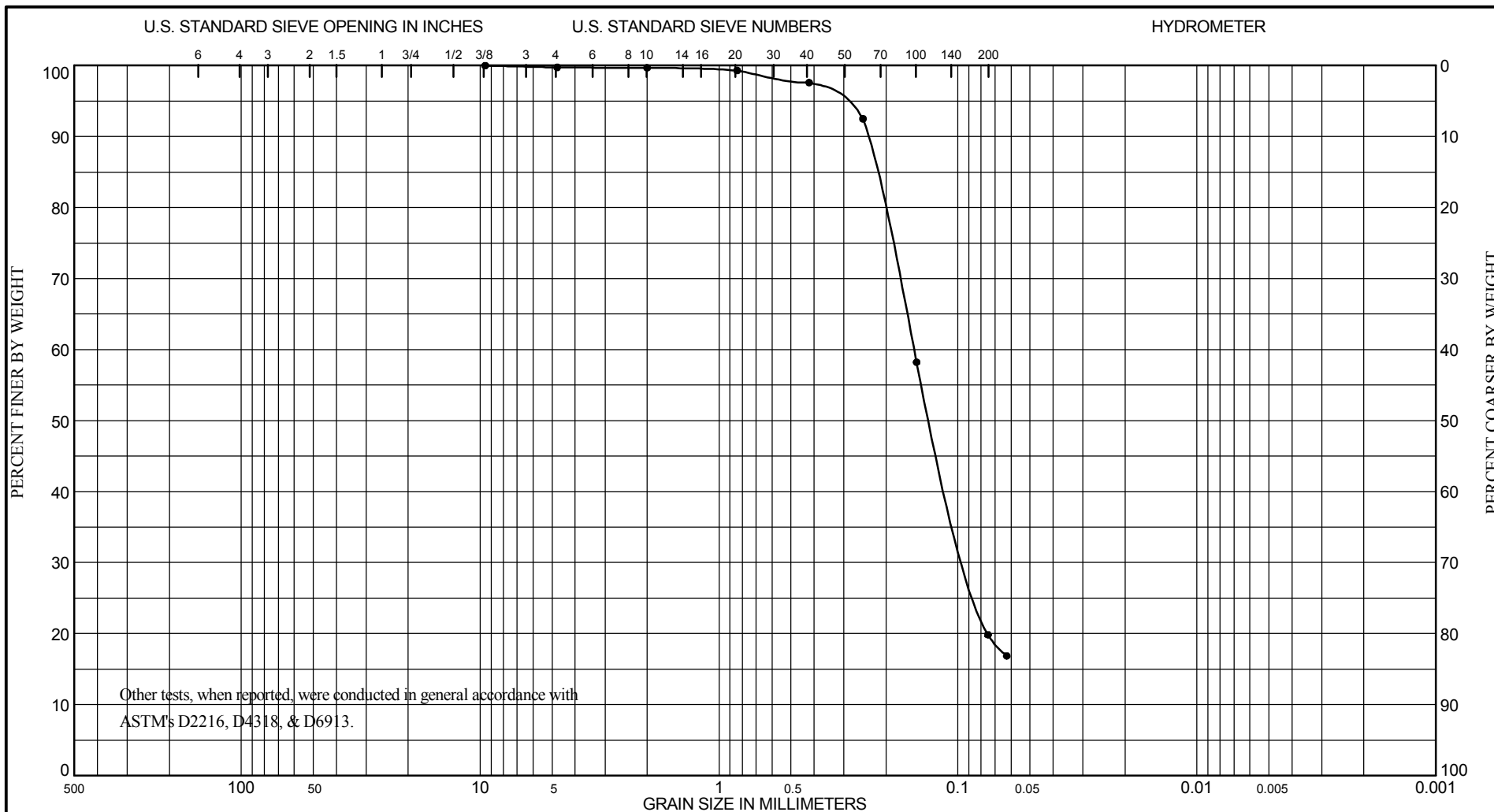
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4	75.0 to 76.5	Black, Silty Sand (SM).	39.0				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3318
							Hole No. EC-13-B-5
							Date 11/27/13

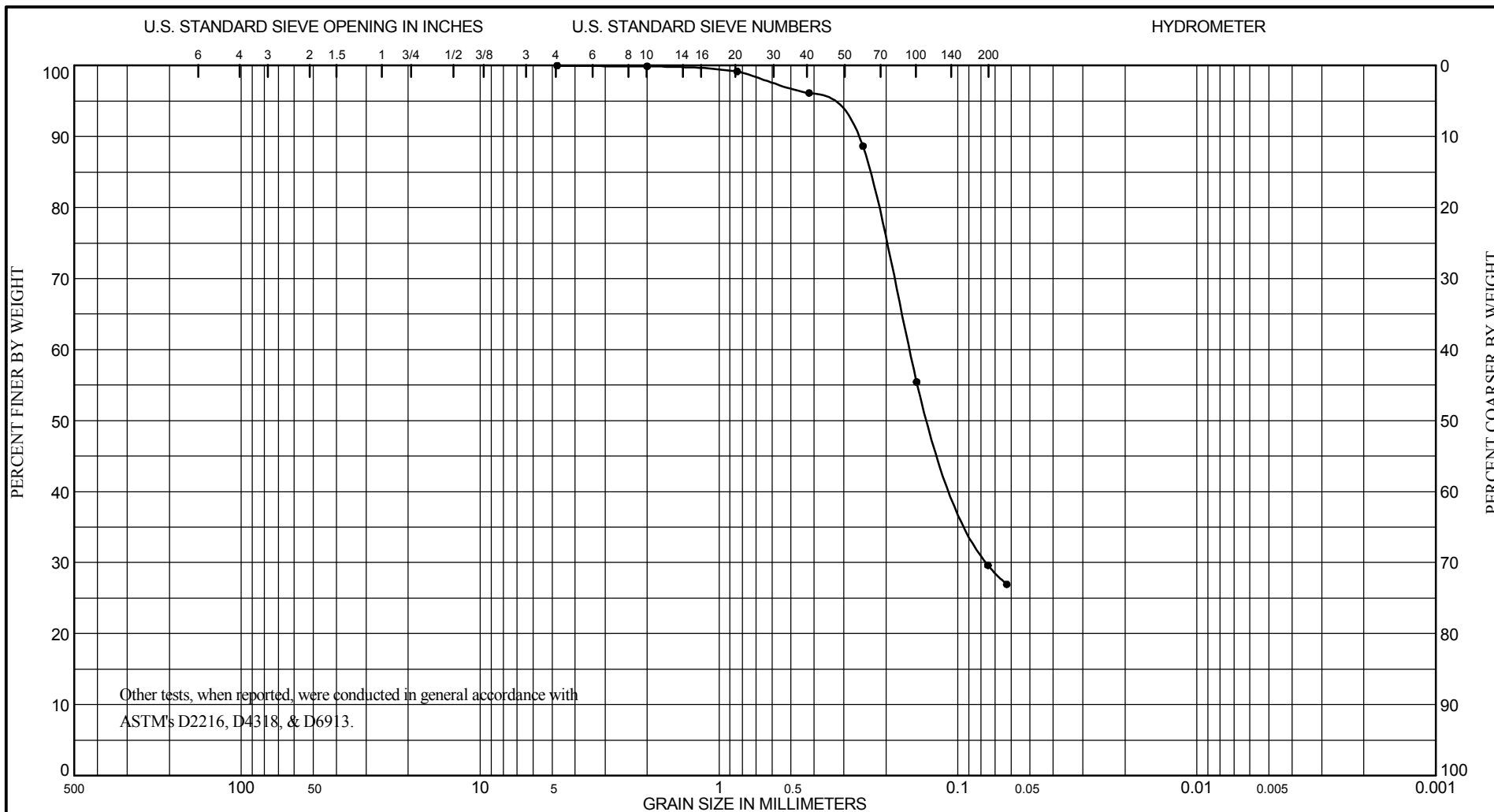
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
6	78.0 to 79.5	Black, Silty Sand (SM).	36.9				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3320
							Hole No. EC-13-B-5
							Date 11/27/13

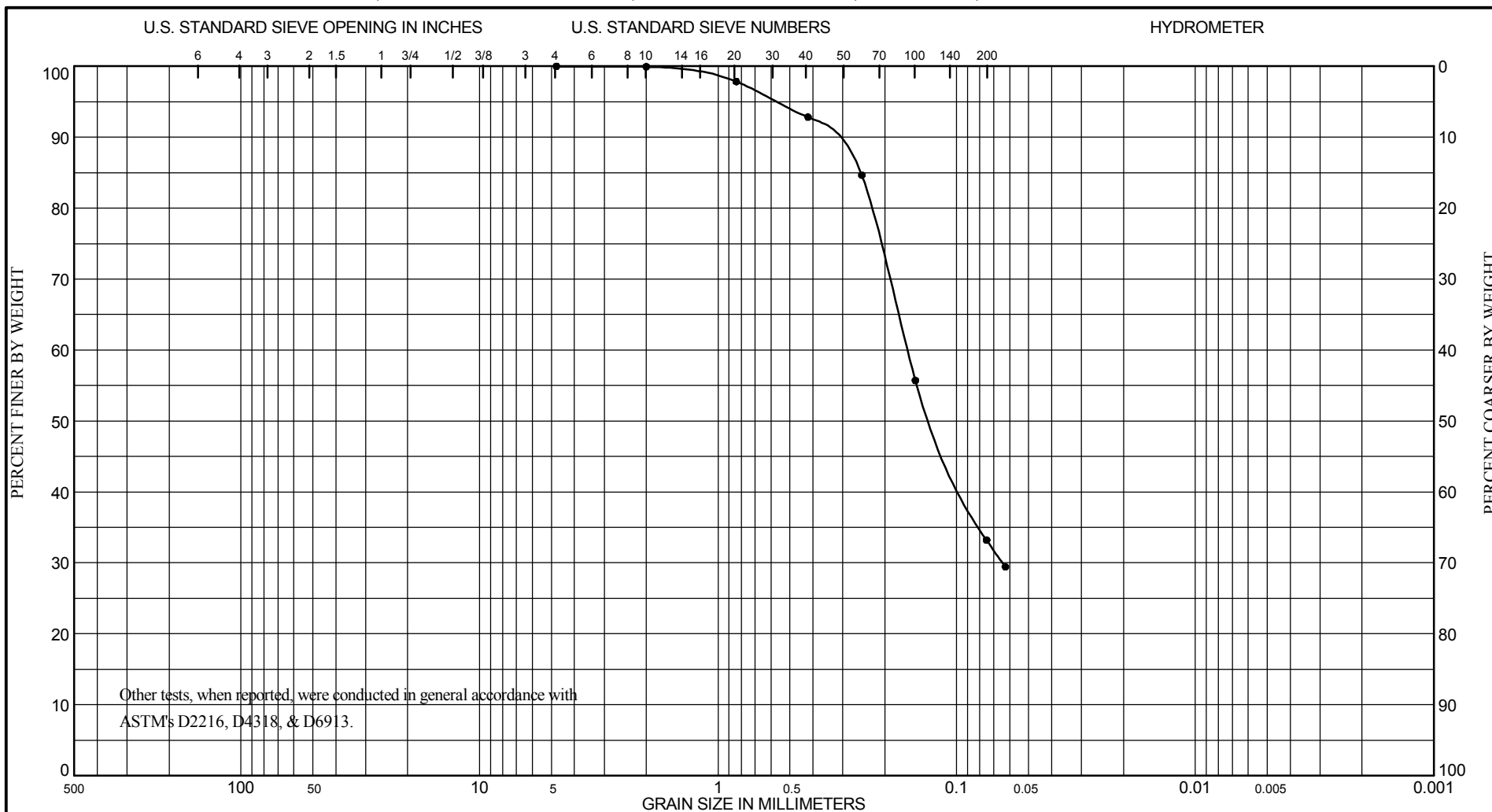
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
2	71.5 to 73.0	Black, Silty Sand High LL (SM-H).	38.1	63	43	20	Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3322
							Hole No. EC-13-B-6
							Date 11/27/13

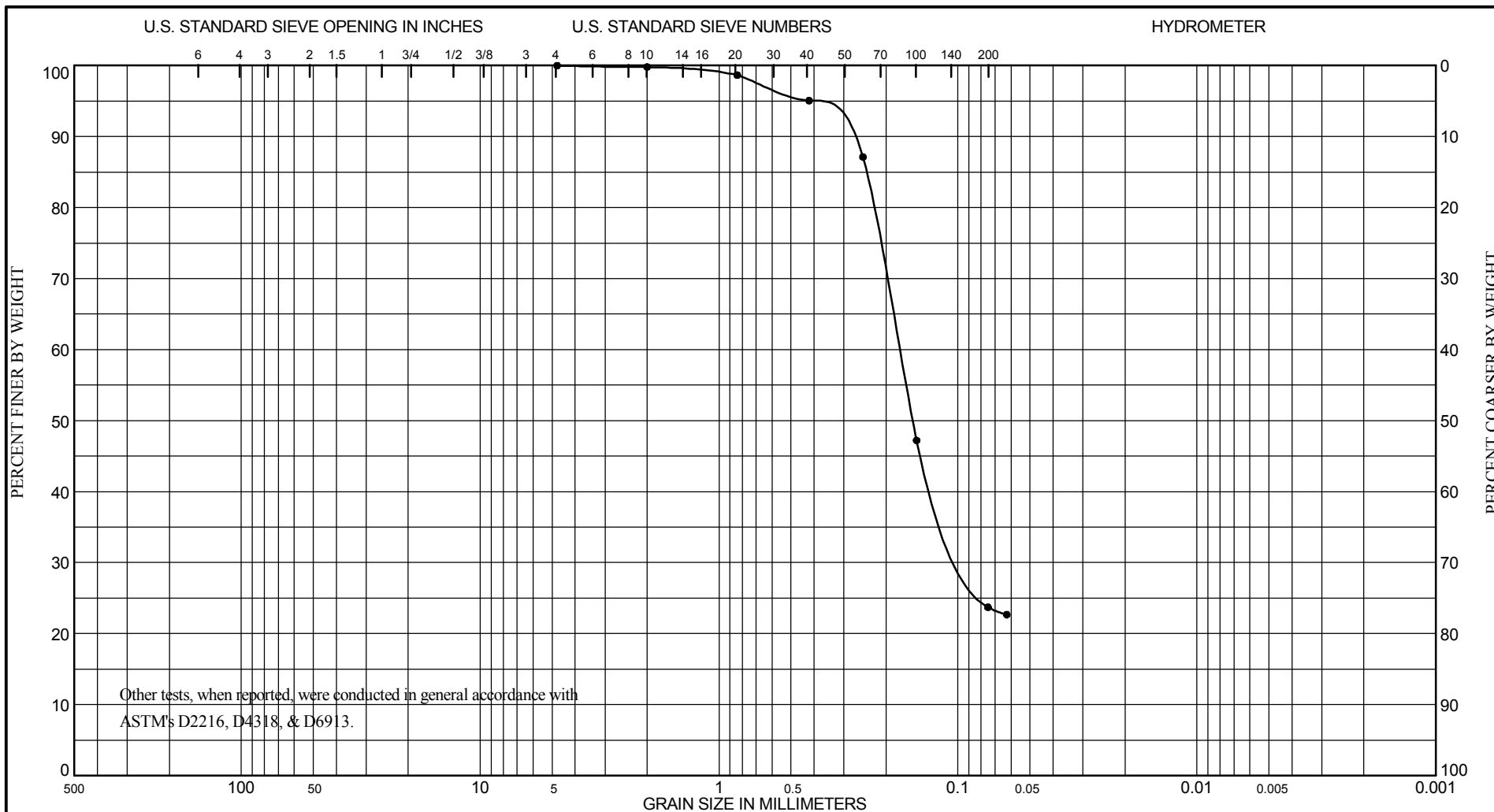
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
3	73.5 to 75.0	Black, Silty Sand High LL (SM-H).	48.1	75	58	17	Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3323
							Hole No. EC-13-B-6
							Date 11/27/13

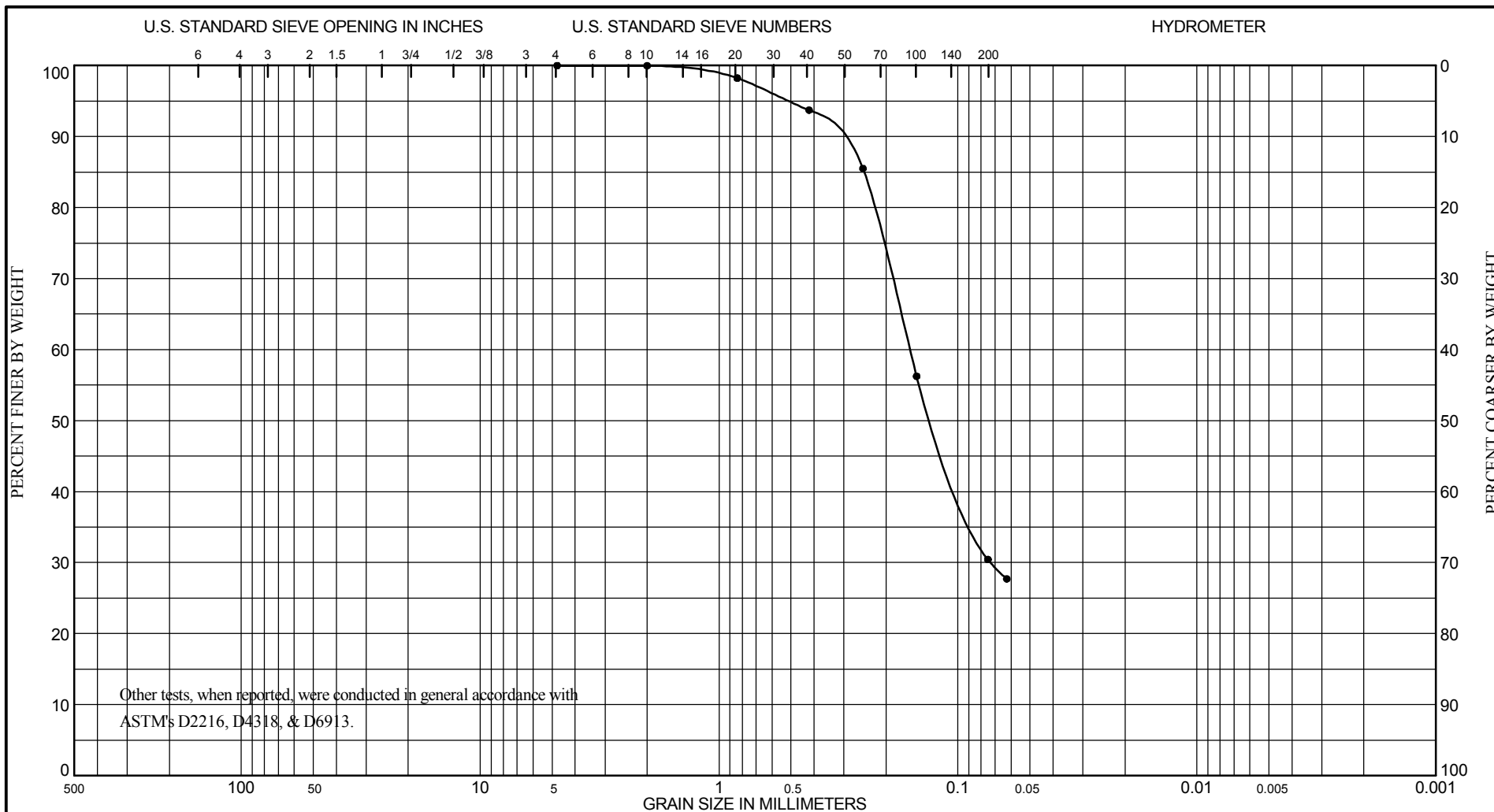
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
5	76.5 to 78.0	Black, Silty Sand (SM).	42.0				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3325
							Hole No. EC-13-B-6
							Date 11/27/13

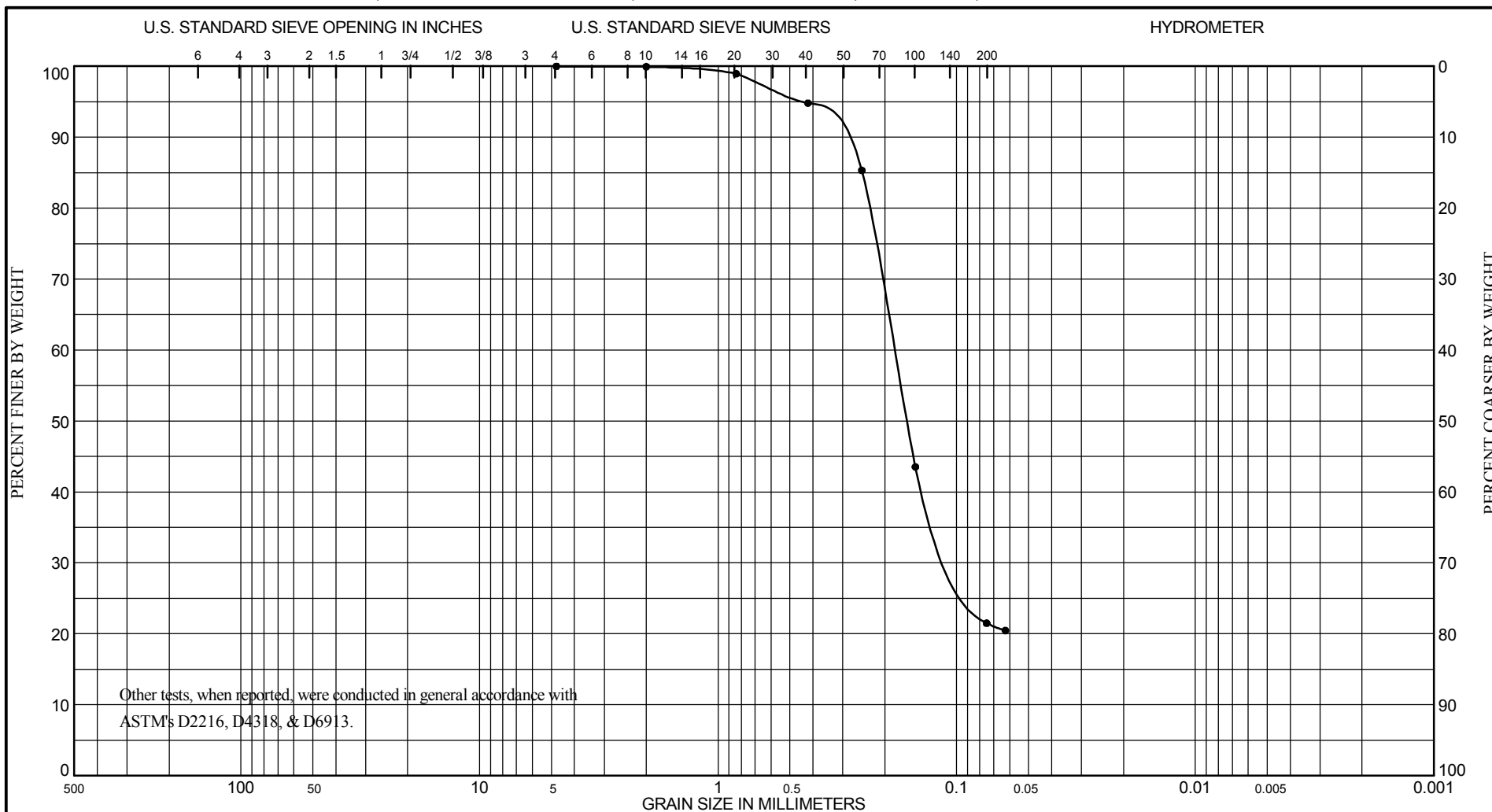
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
2	69.3 to 71.3	Black, Silty Sand (SM).	37.7				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3330
							Hole No. EC-13-B-7
							Date 11/27/13

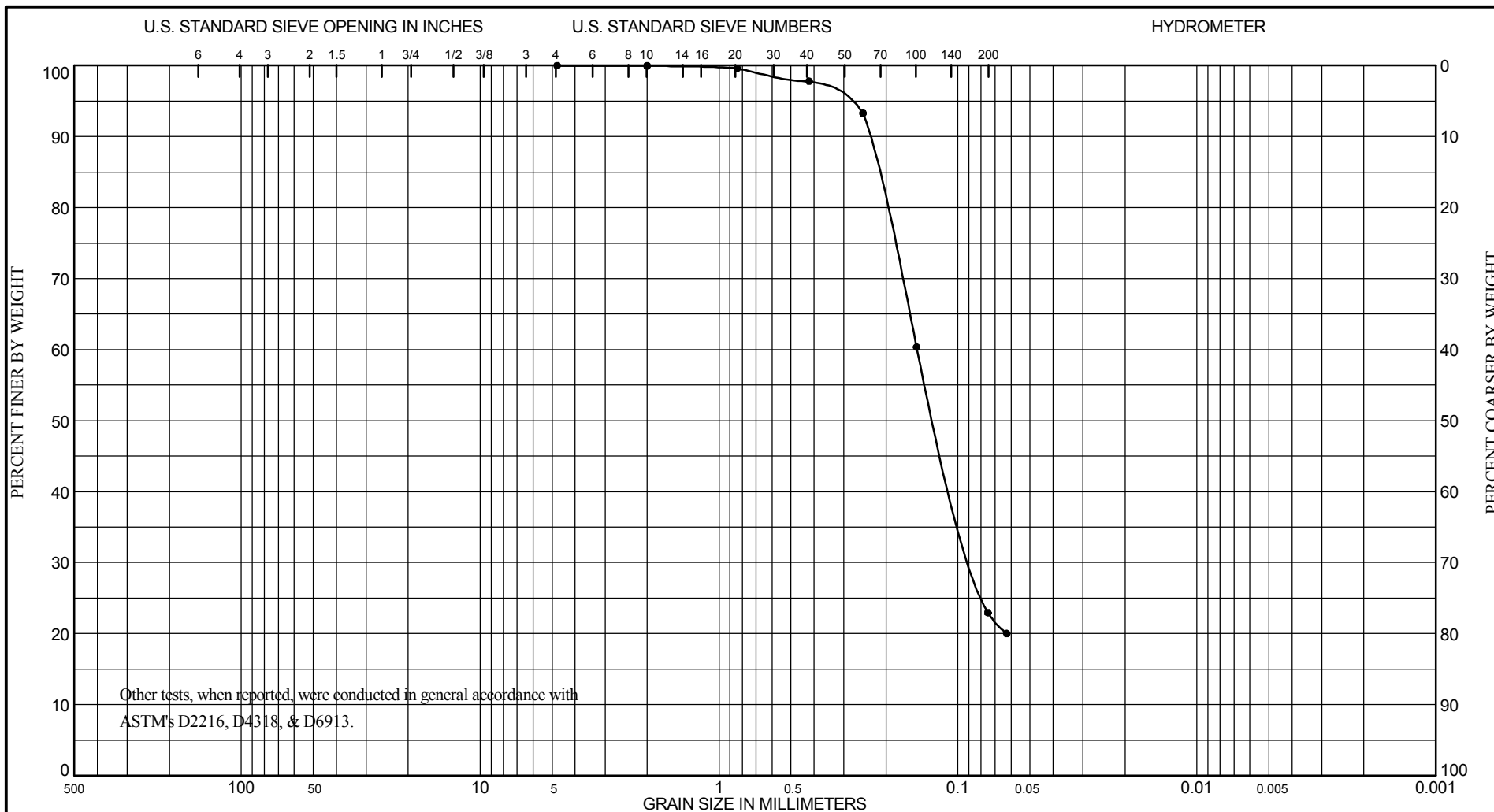
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4	73.3 to 74.8	Black, Silty Sand (SM).	36.4				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3332
							Hole No. EC-13-B-7
							Date 11/27/13

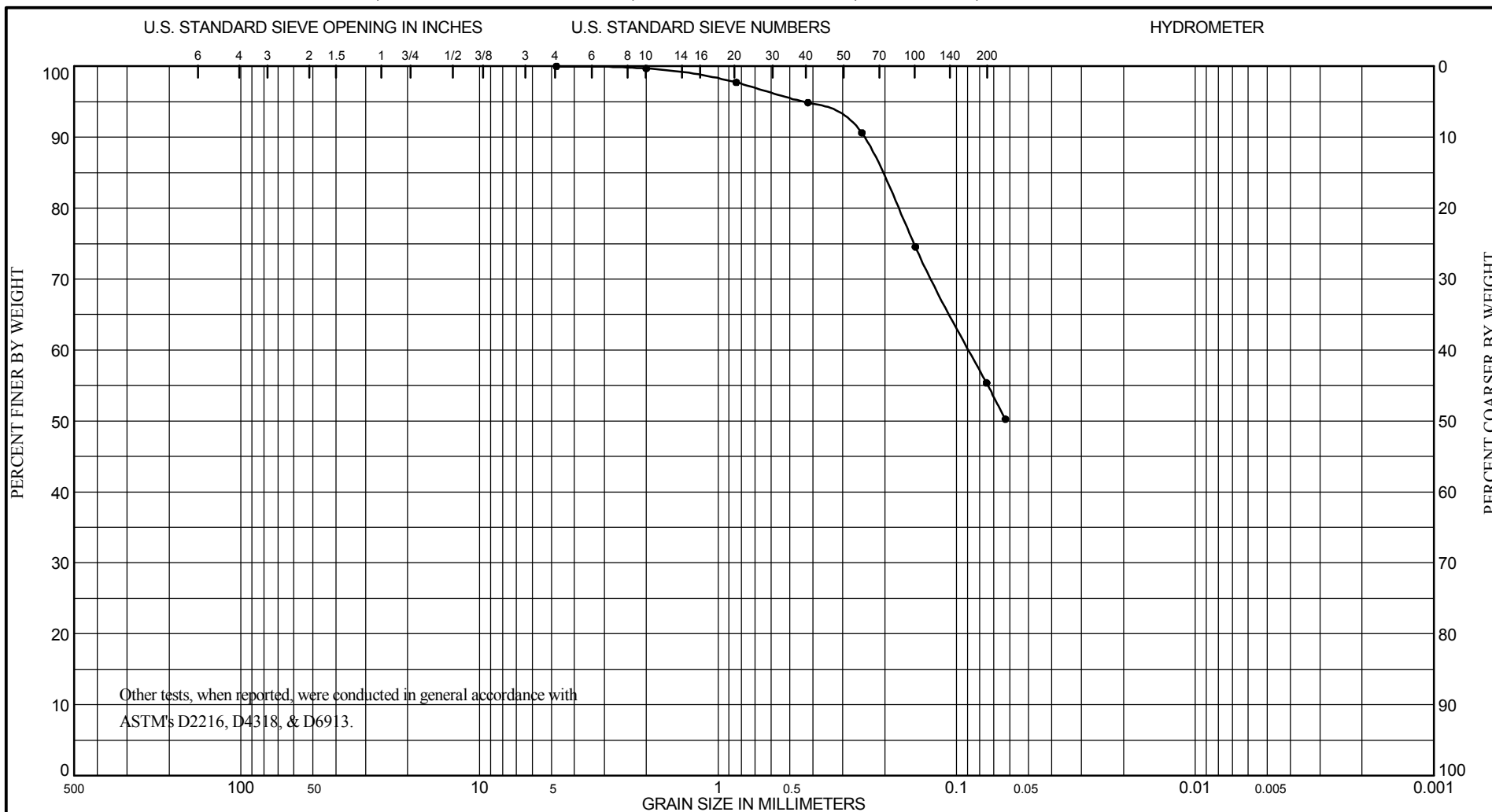
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

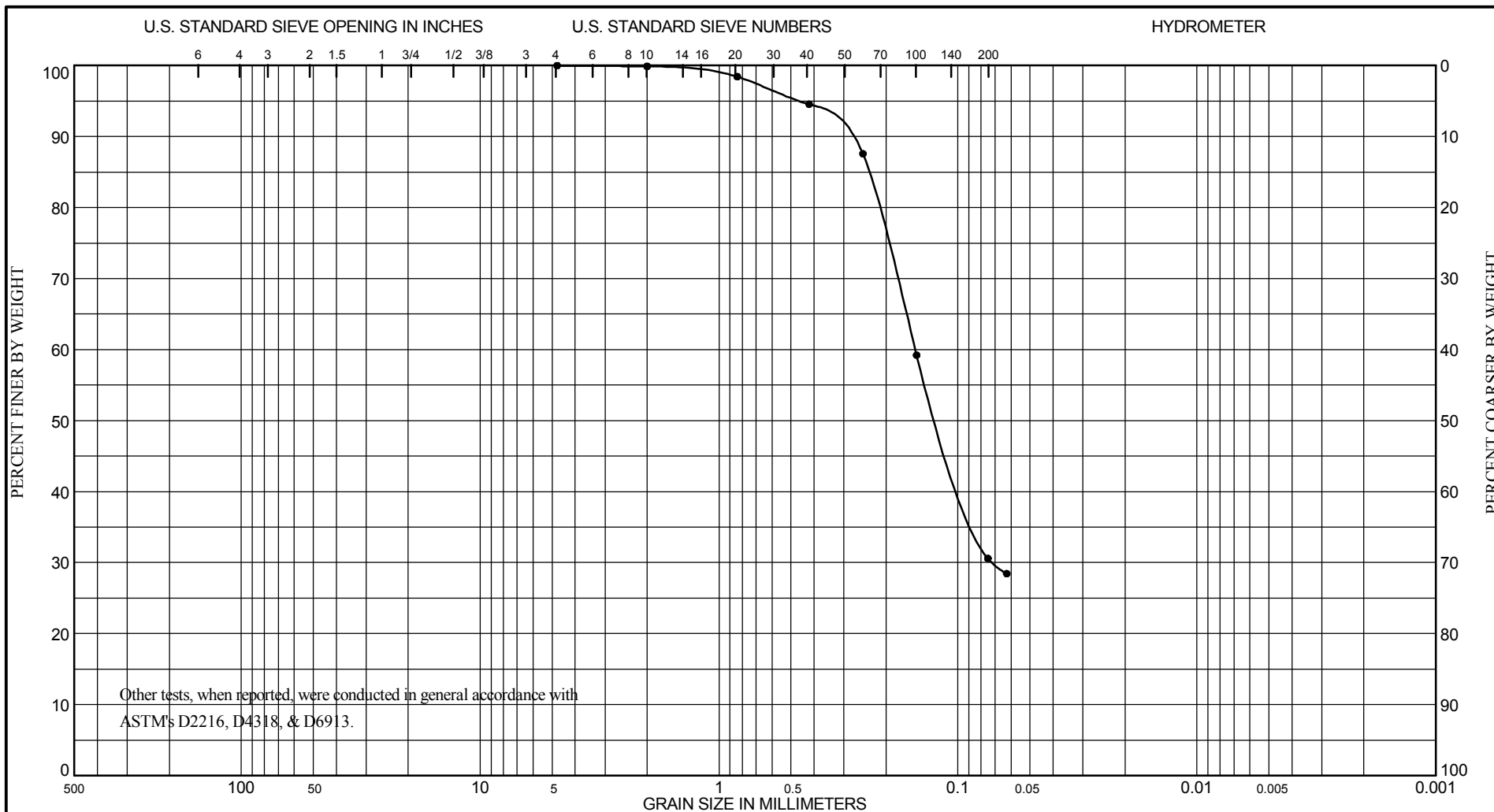
Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
7	78.2 to 79.7	Very Dark Gray, Silty Sand (SM).	36.6				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3335
							Hole No. EC-13-B-7
							Date 11/27/13

GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

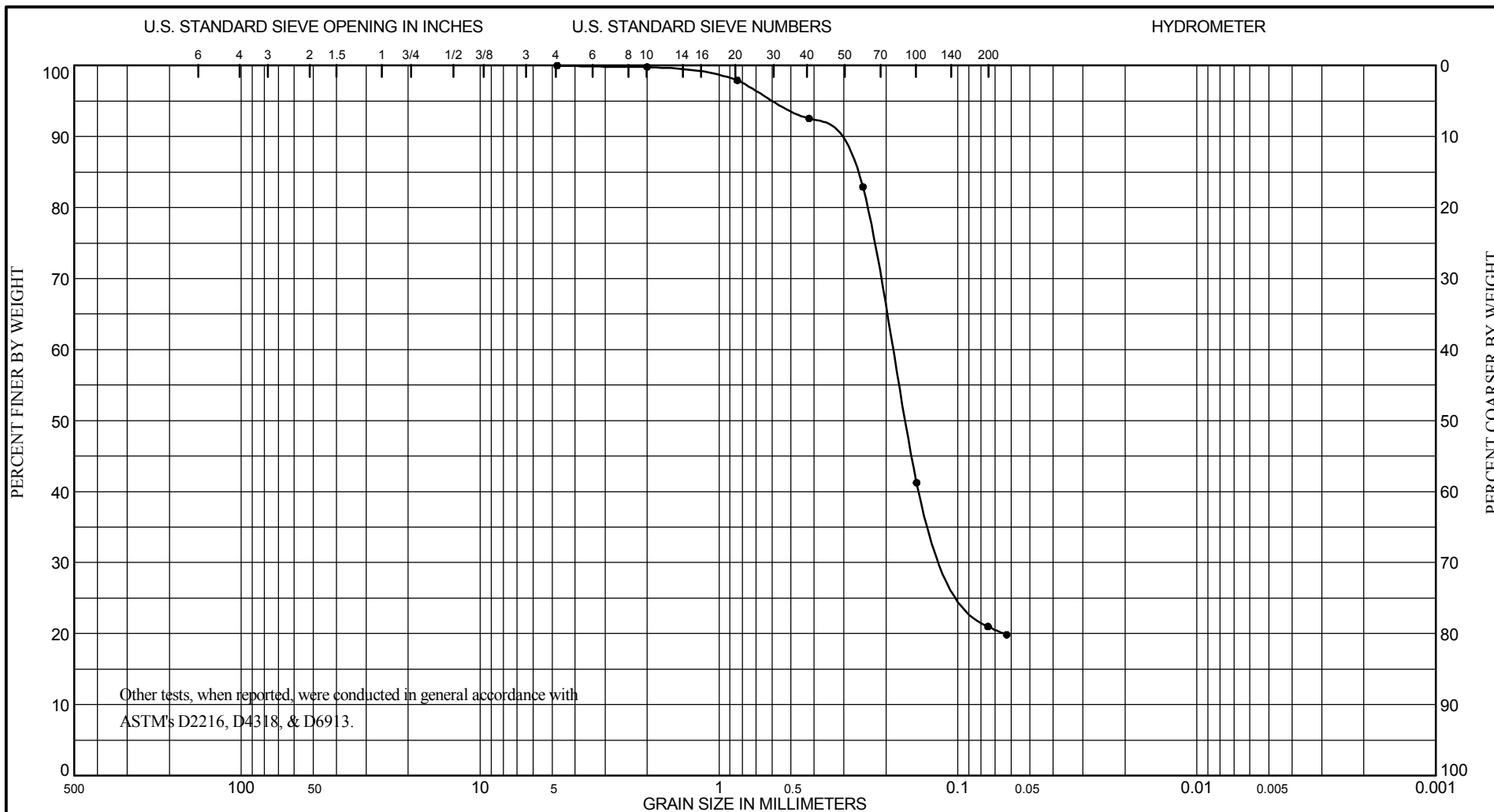
Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project	
2	71.5 to 72.5	Black, (Visual) Sandy Inorganic Silt High LL (MH).	41.3				Charleston Harbor Entrance Channel	
							Soil & Rock Testing	
							Lab No. K2/3338	
							Hole No. EC-13-B-8	
GRADATION CURVES							Date	11/27/13



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4	74.0 to 75.5	Black, Silty Sand High LL (SM-H).	33.0	64	49	15	Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3340
							Hole No. EC-13-B-8
							Date 11/27/13

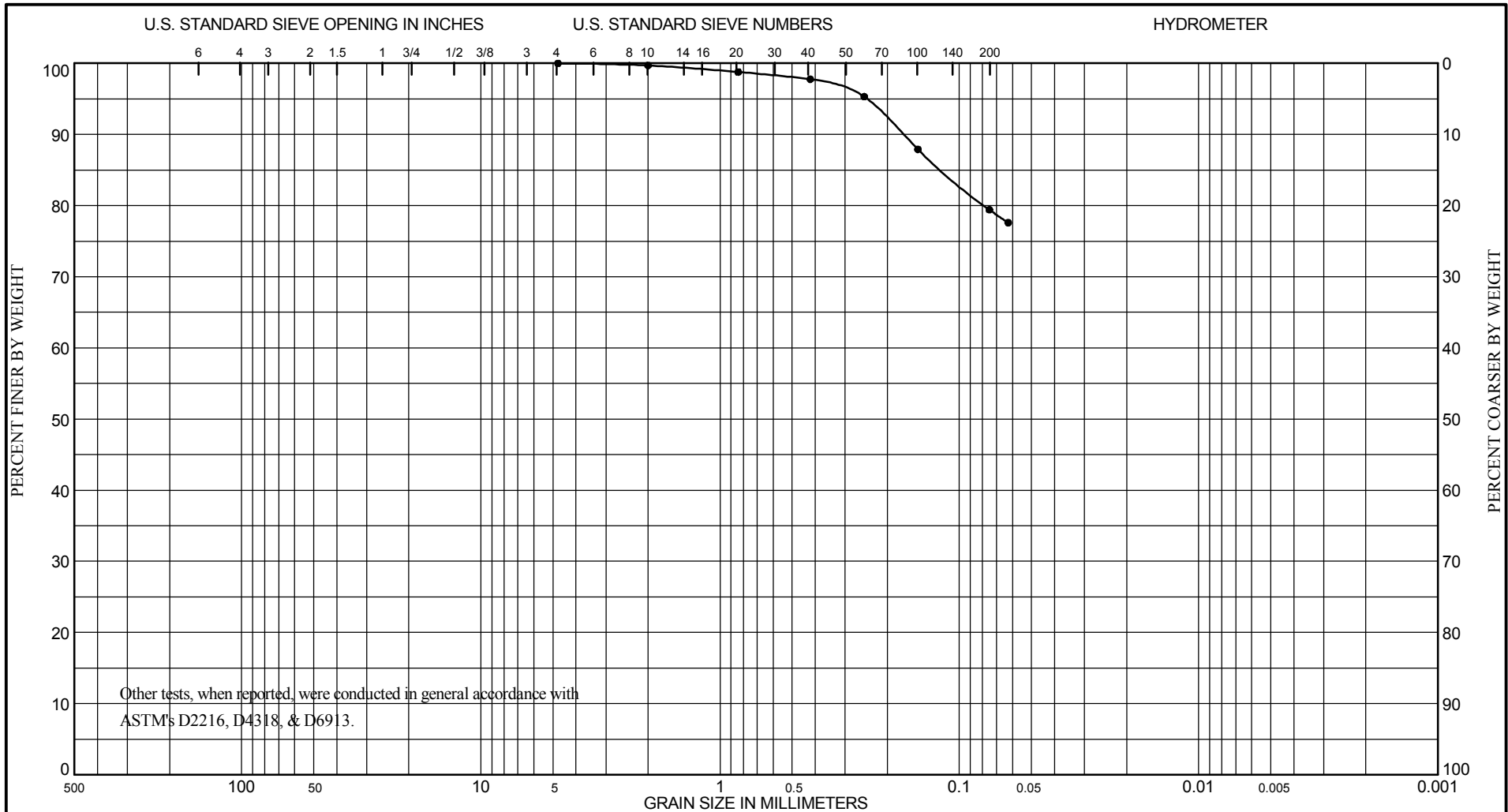
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

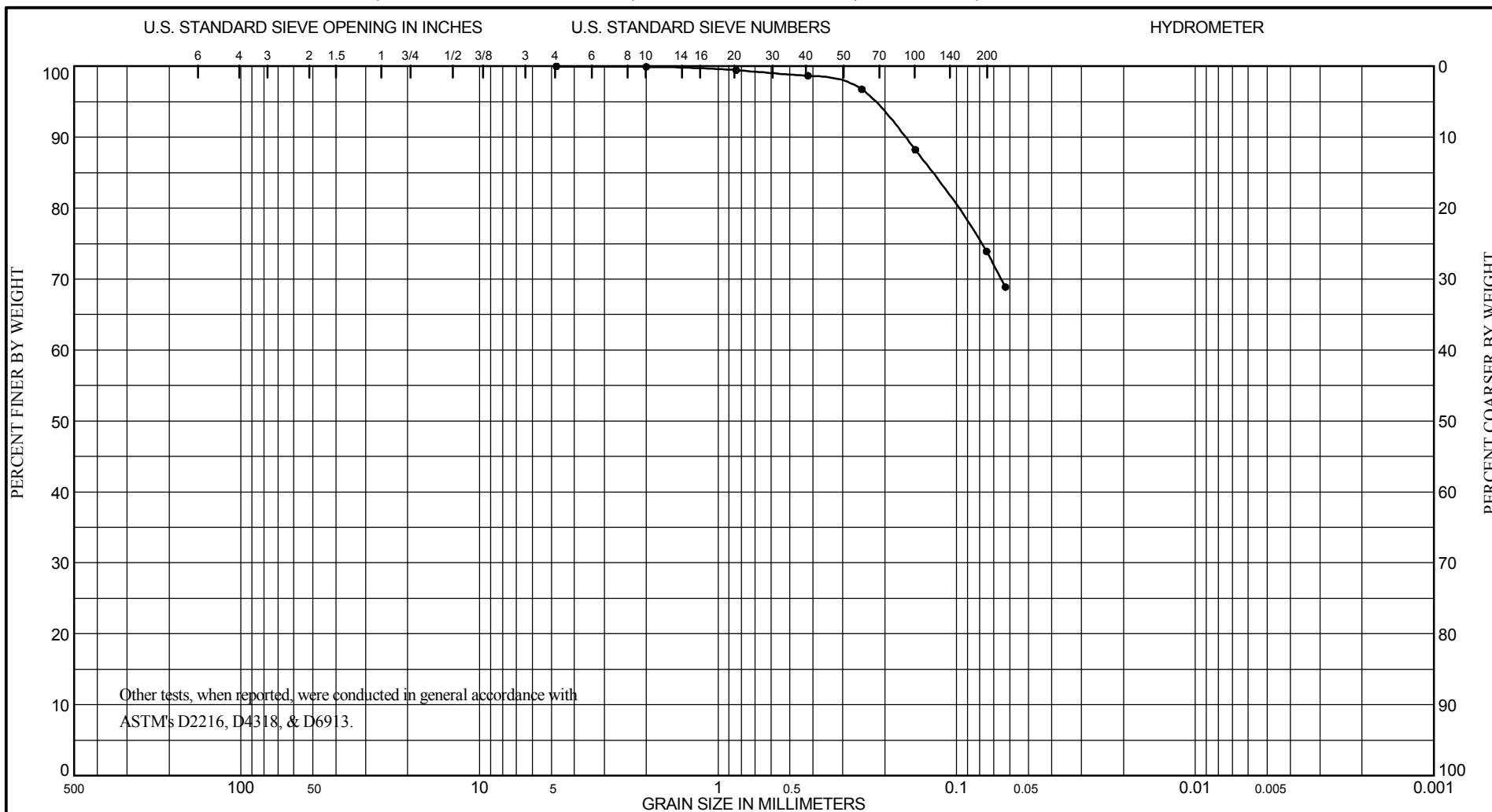
Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
6	77.0 to 78.5	Black, Silty Sand (SM).	41.4				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3342
							Hole No. EC-13-B-8
							Date 11/27/13

GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

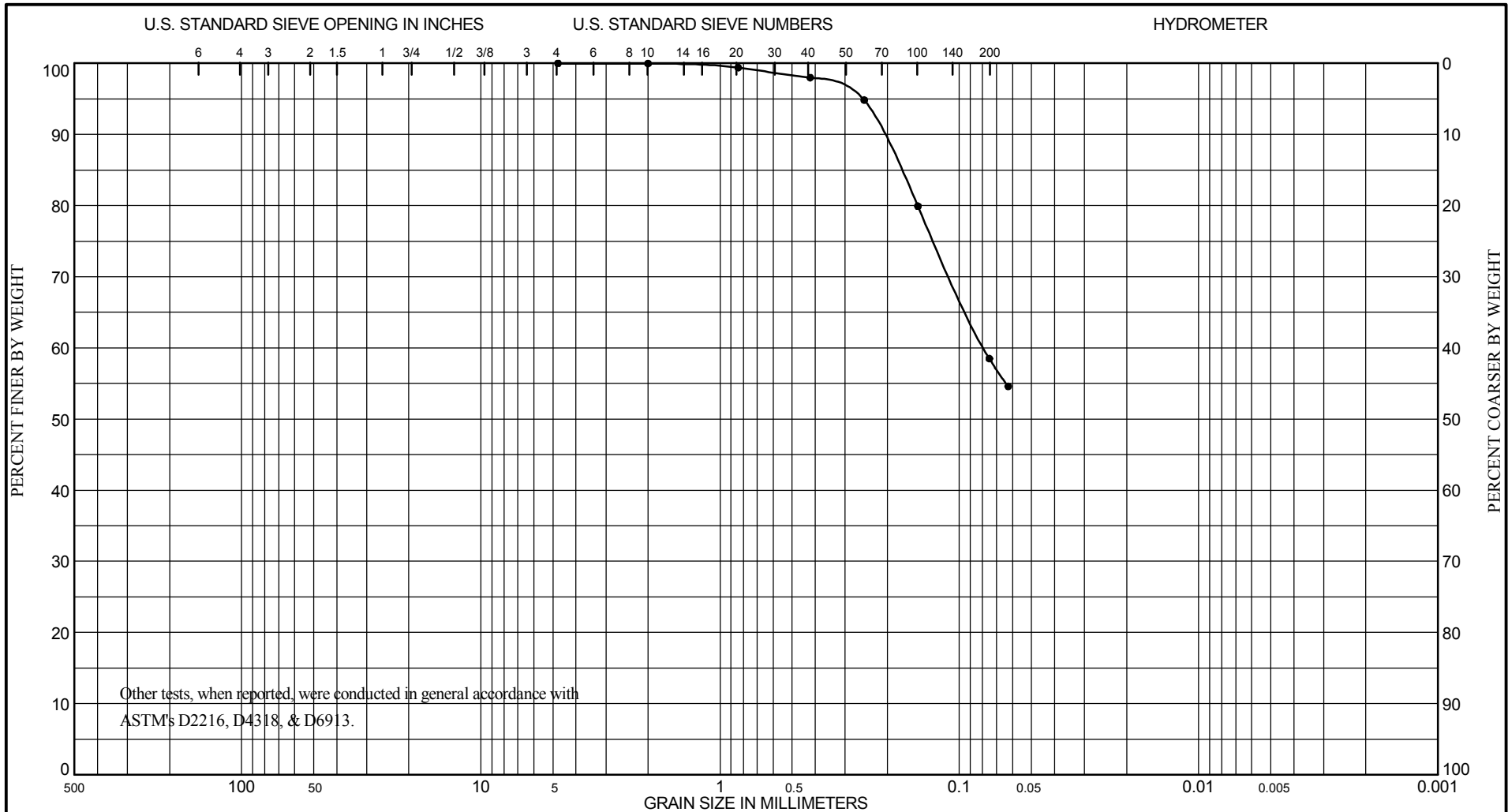
Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project	
2	68.5 to 70.0	Very Dark Gray, Inorganic Silt High LL (MH), with some sand.	51.7	96	52	44	Charleston Harbor Entrance Channel	
							Soil & Rock Testing	
							Lab No. K2/3345	
							Hole No. EC-13-B-9	
GRADATION CURVES							Date	11/27/13



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4	71.5 to 73.0	Black, (Visual) Inorganic Silt High LL (MH), with some sand.	53.8				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3347
							Hole No. EC-13-B-9
							Date 11/27/13

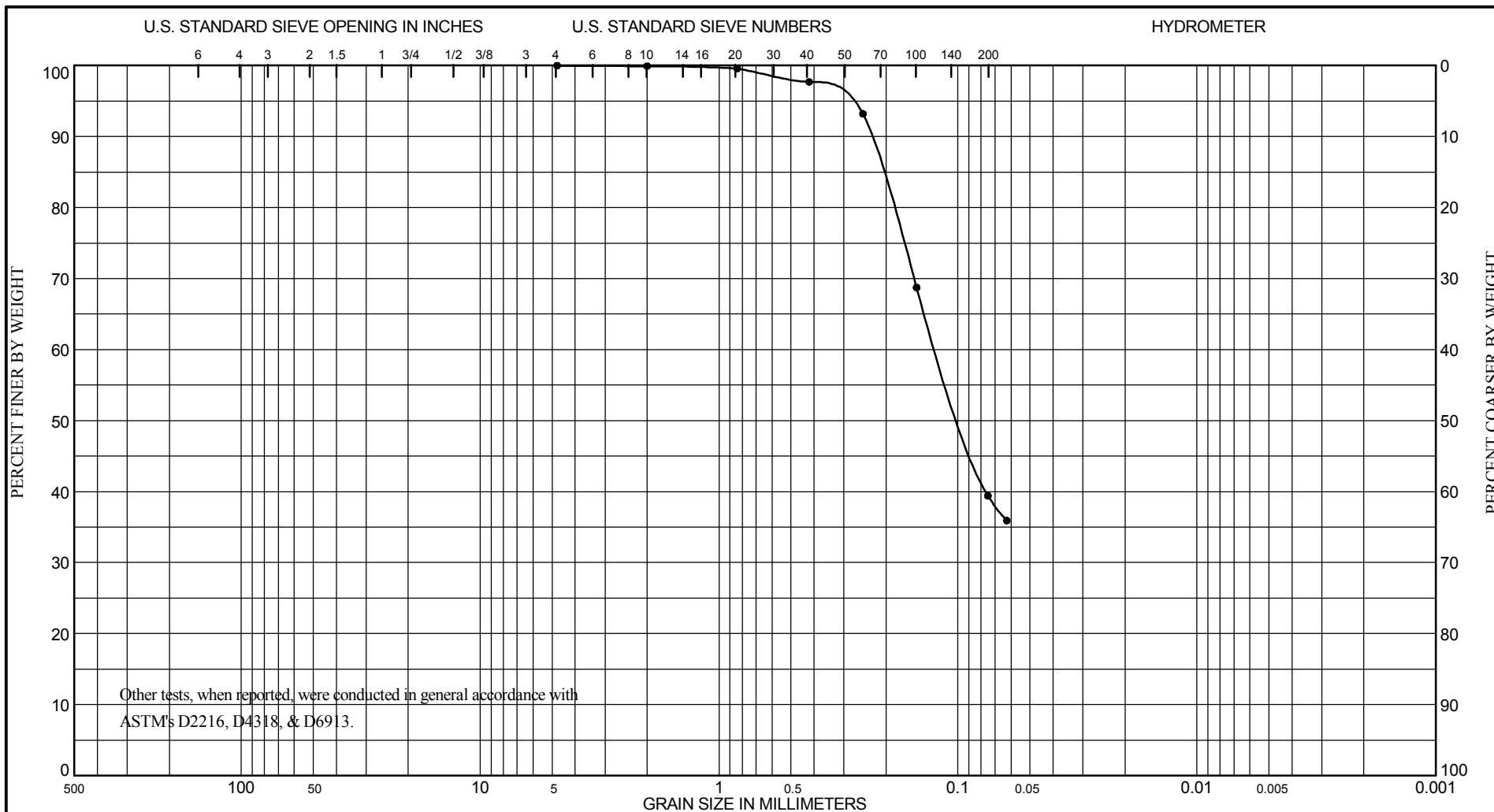
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
6	74.5 to 76.0	Black, (Visual) Sandy Inorganic Silt High LL (MH).	54.1				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3349
							Hole No. EC-13-B-9
							Date 11/27/13

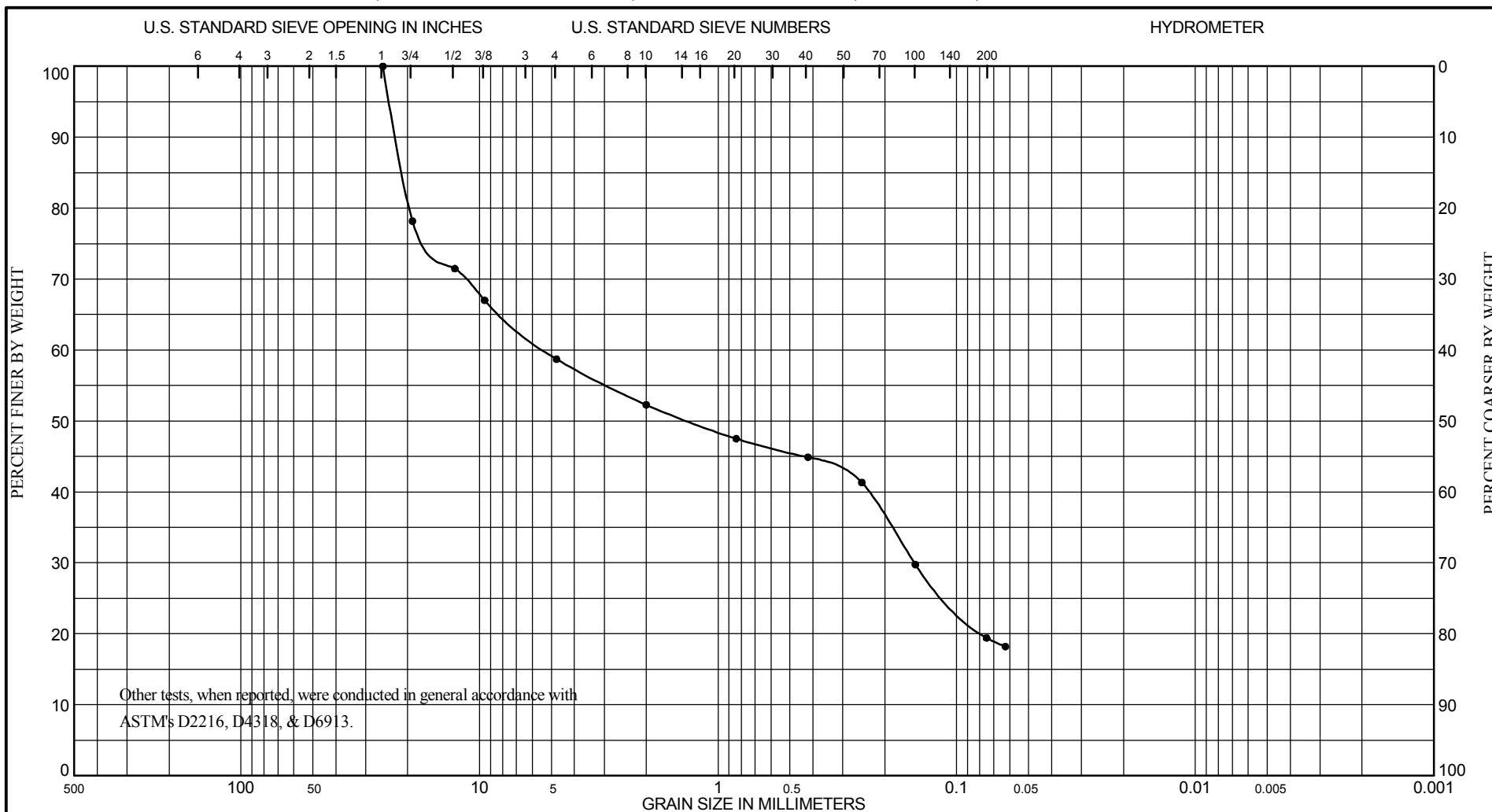
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
8	775.0 to 79.0	Black, Silty Sand High LL (SM-H).	46.8	94	63	31	Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3351
							Hole No. EC-13-B-9
							Date 11/27/13

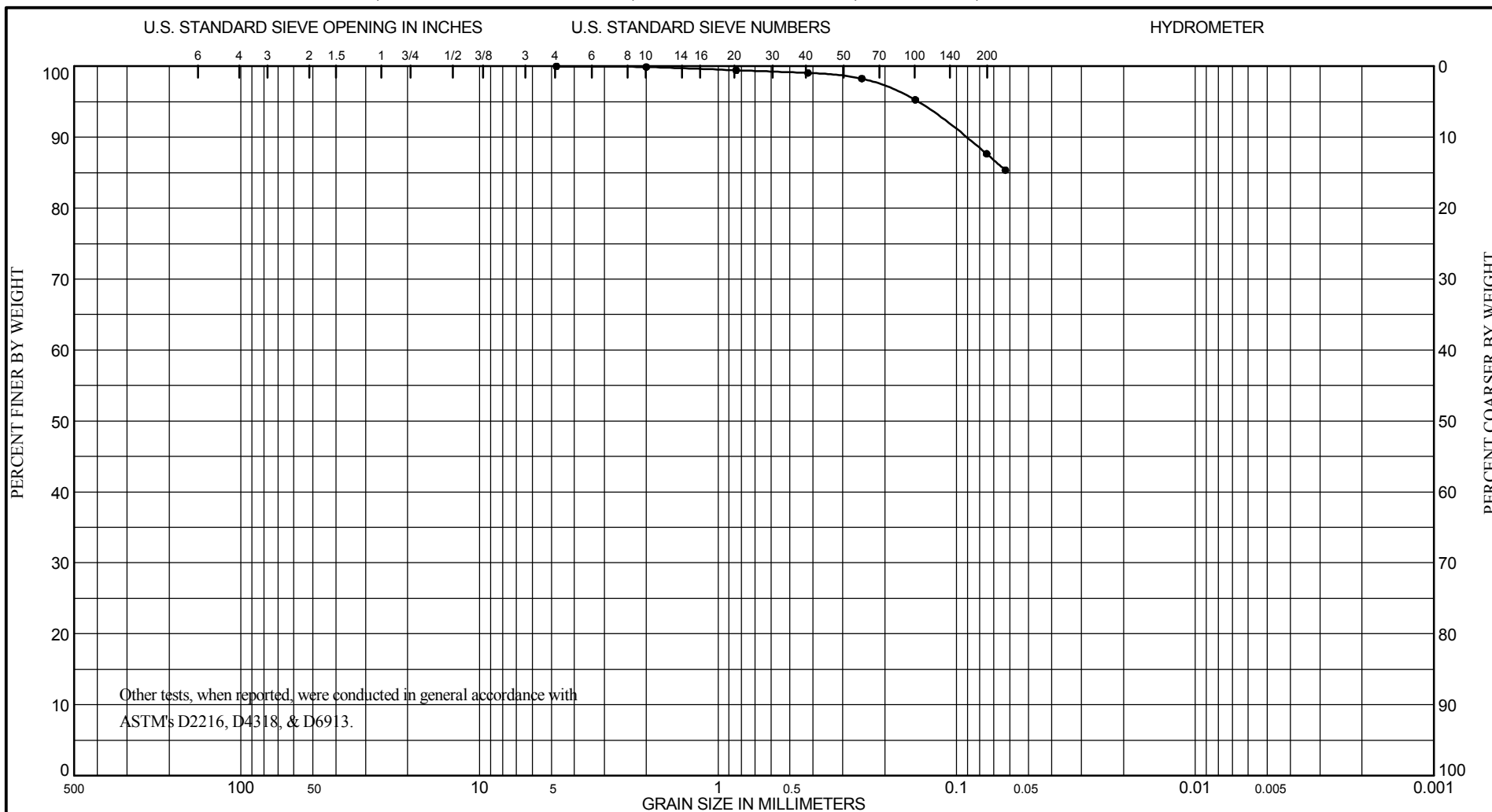
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

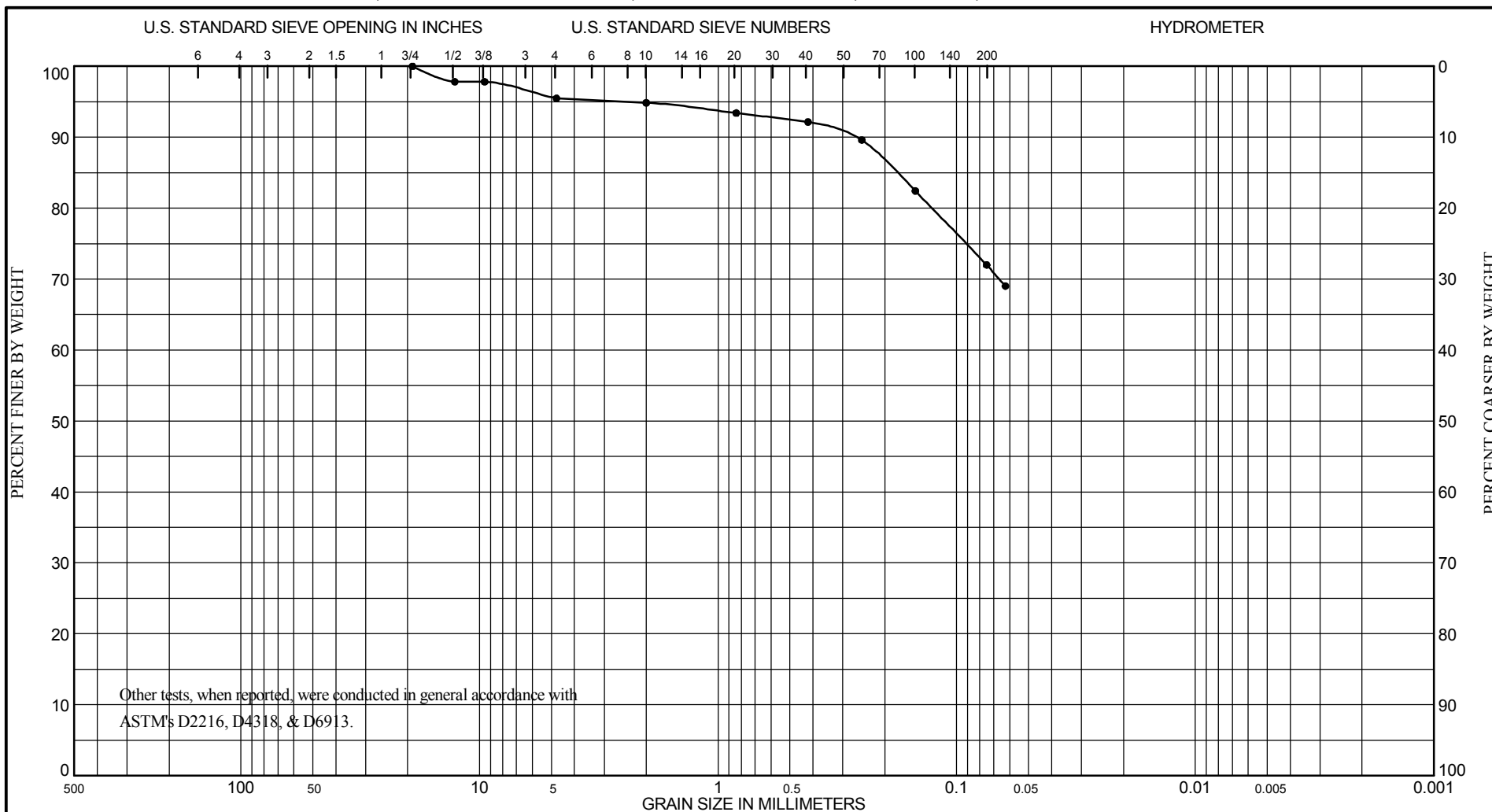
Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
3B	70.2 to 70.5	Olive, Gravelly Silty Sand (SM).	25.3				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3355
							Hole No. EC-13-B-10
							Date 11/27/13

GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

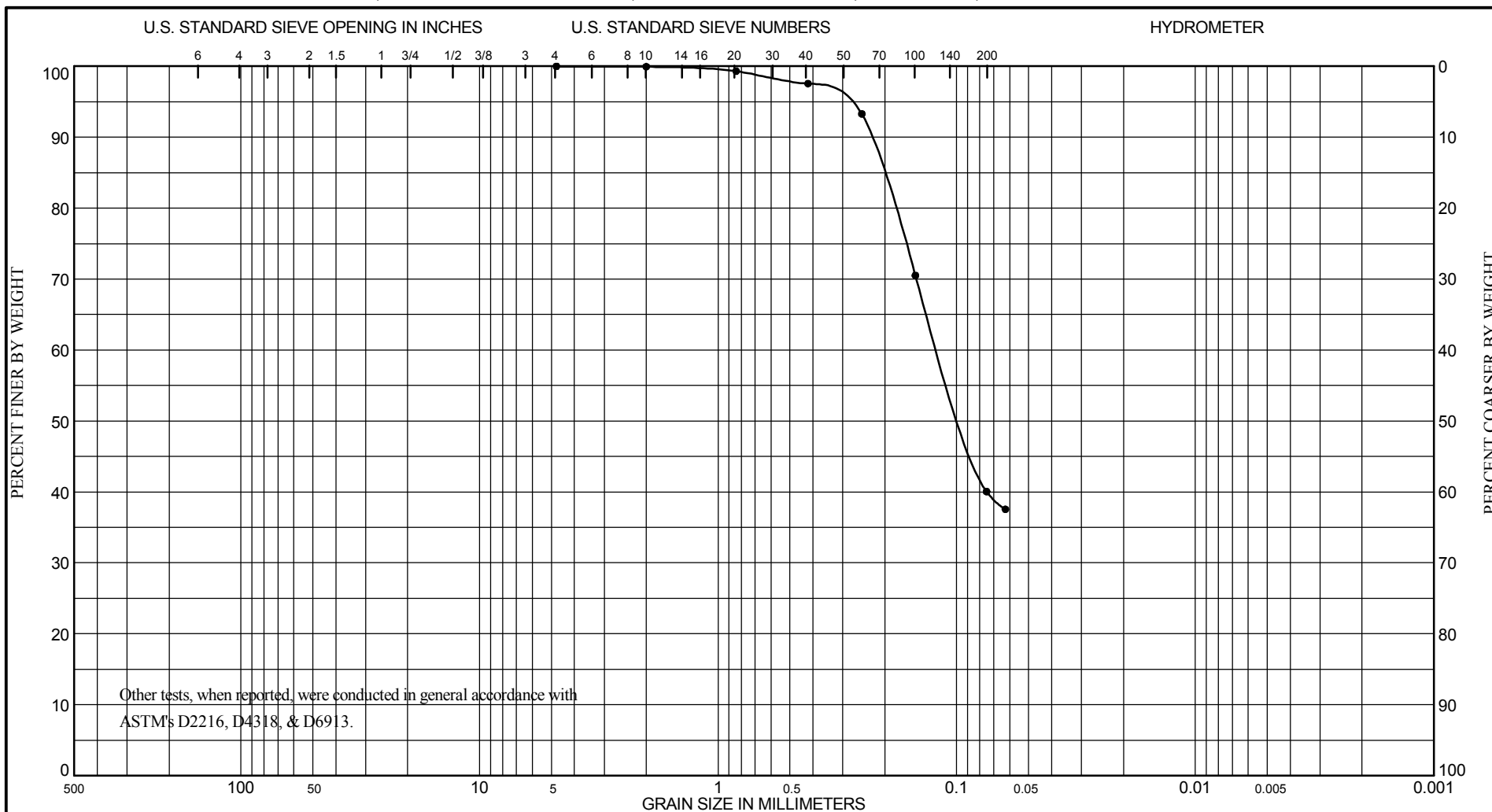
Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project	
4	71.0 to 72.5	Very Dark Gray, Fat Clay (CH), with a little sand.	52.1	132	40	92	Charleston Harbor Entrance Channel	
							Soil & Rock Testing	
							Lab No. K2/3356	
							Hole No. EC-13-B-10	
GRADATION CURVES							Date	11/27/13



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
6	74.5 to 76.0	Dark Olive Gray, Inorganic Silt High LL (MH), with some sand and a trace of gravel.	59.7	119	68	51	Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3358
							Hole No. EC-13-B-10
							Date 11/27/13

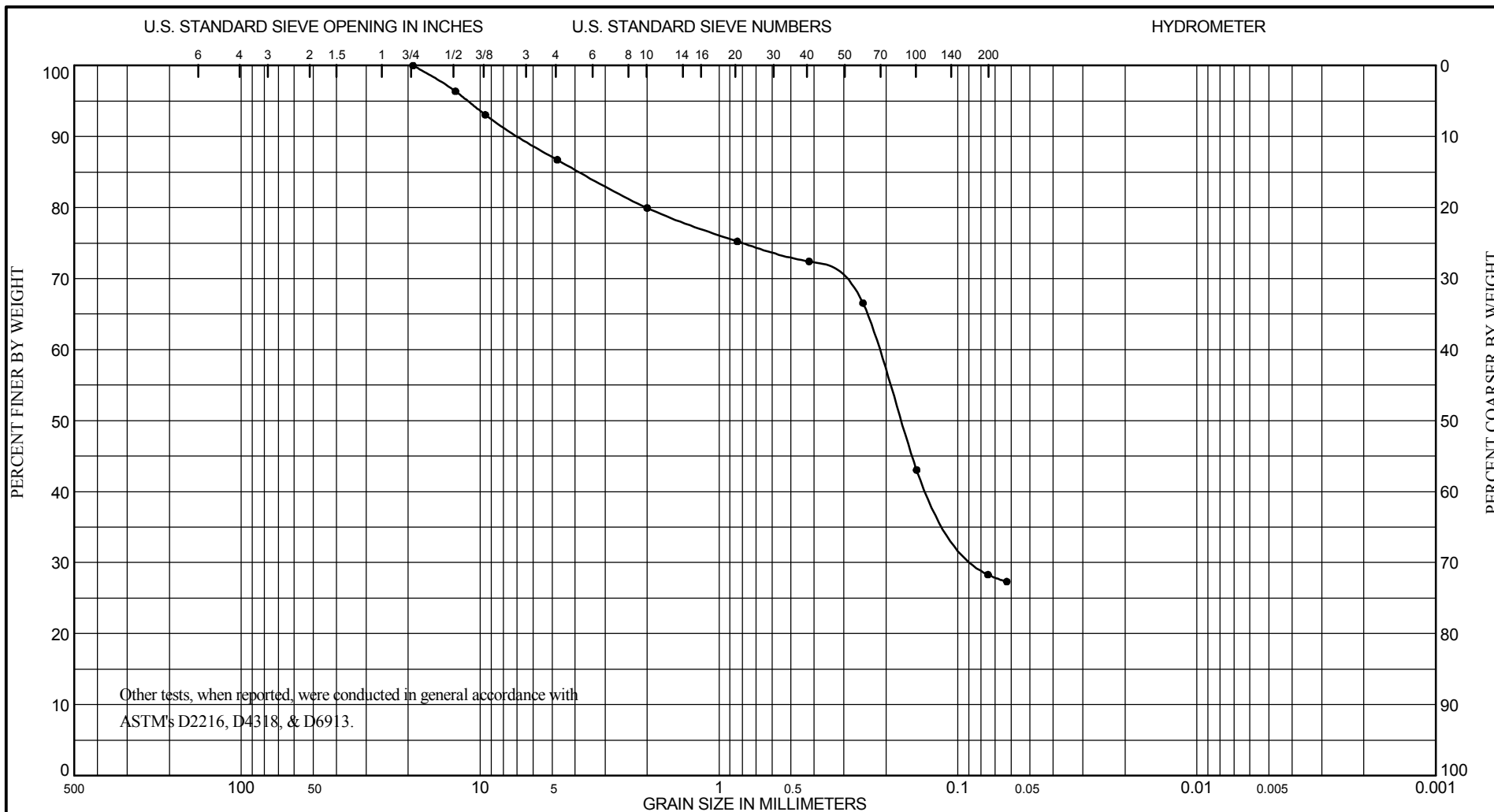
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
9	79.6 to 81.1	Black, Silty Sand (SM).	45.1				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3361
							Hole No. EC-13-B-10
							Date 11/27/13

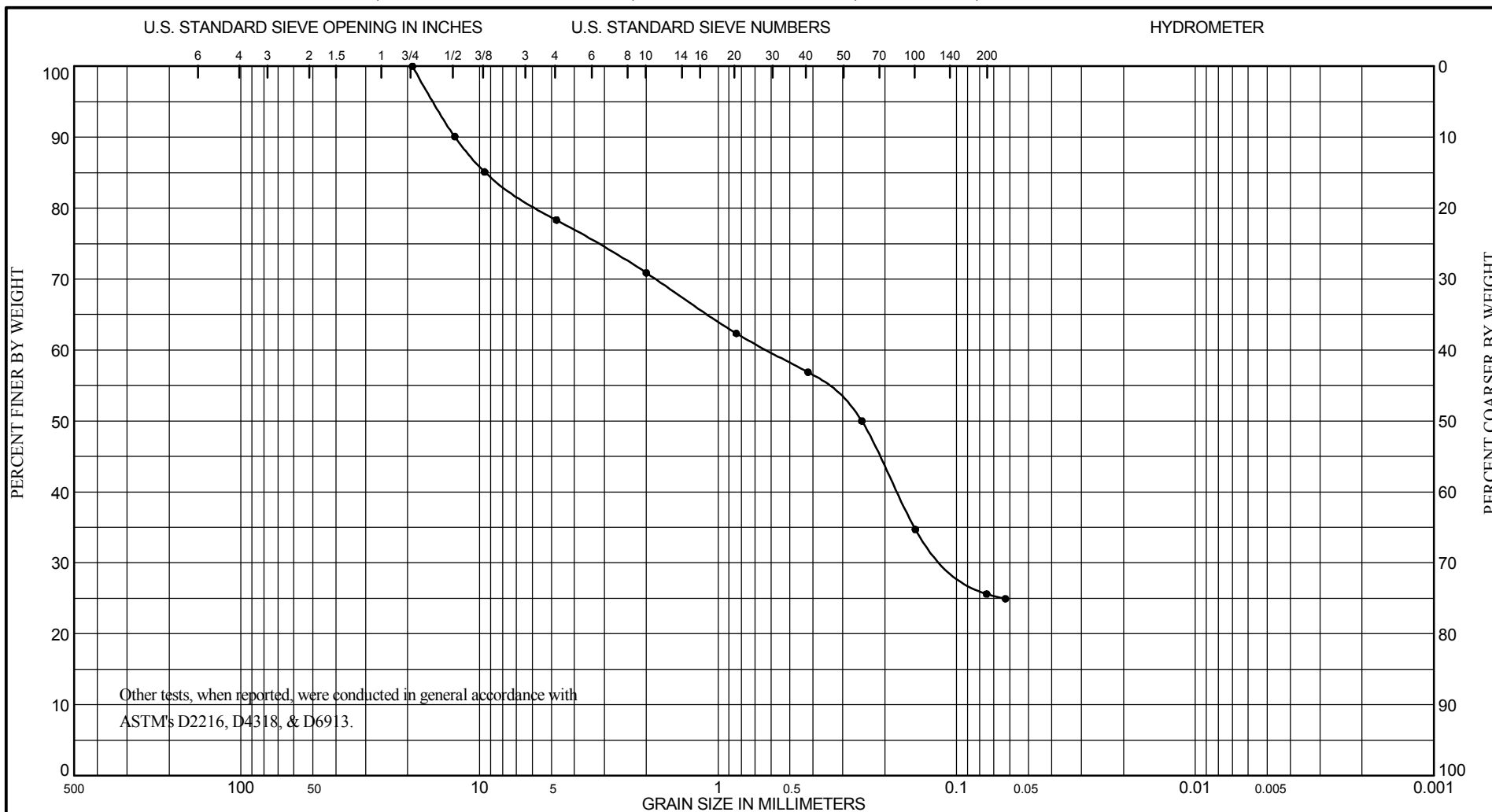
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
2	74.0 to 75.5	Olive, Silty Sand (SM), with a little gravel.	30.2				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3364
							Hole No. EC-13-B-11
							Date 11/27/13

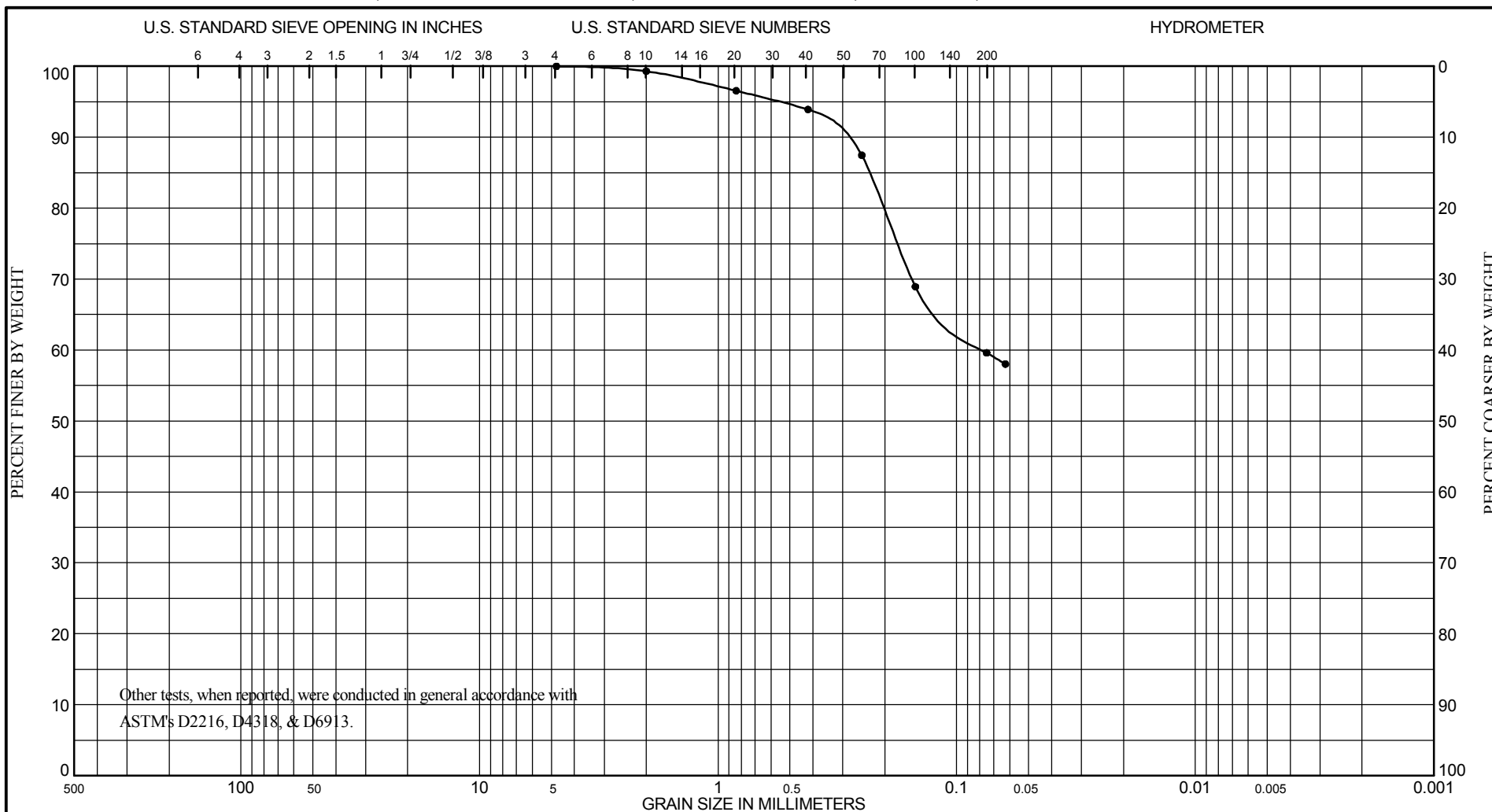
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
3	75.5 to 77.0	Olive, Silty Sand (SM), with some gravel.	35.5				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3365
							Hole No. EC-13-B-11
							Date 11/27/13

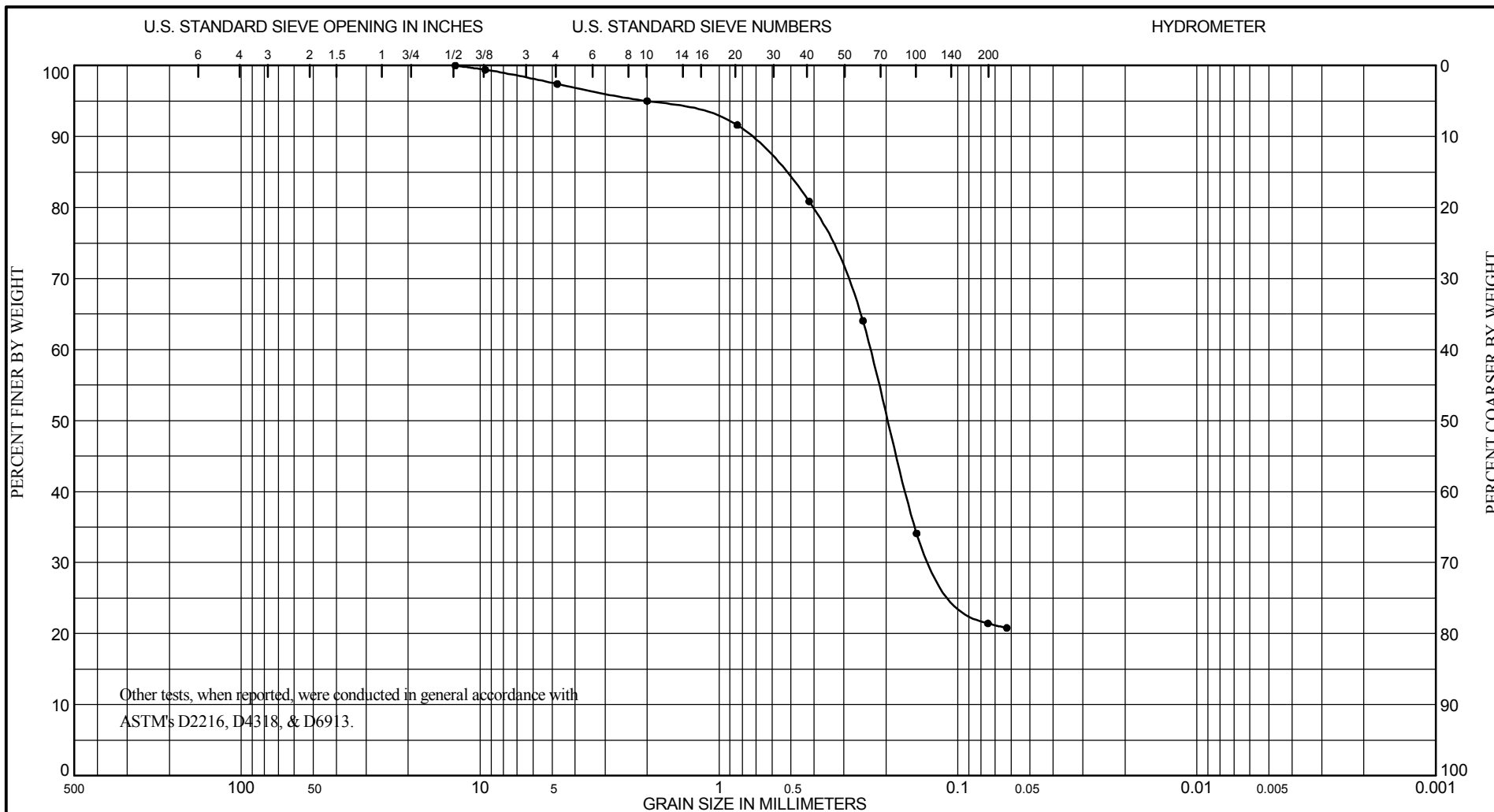
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4	77.0 to 78.5	Very Dark Gray, Sandy Fat Clay (CH).	49.7	74	33	41	Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3366
							Hole No. EC-13-B-11
							Date 11/27/13

GRADATION CURVES

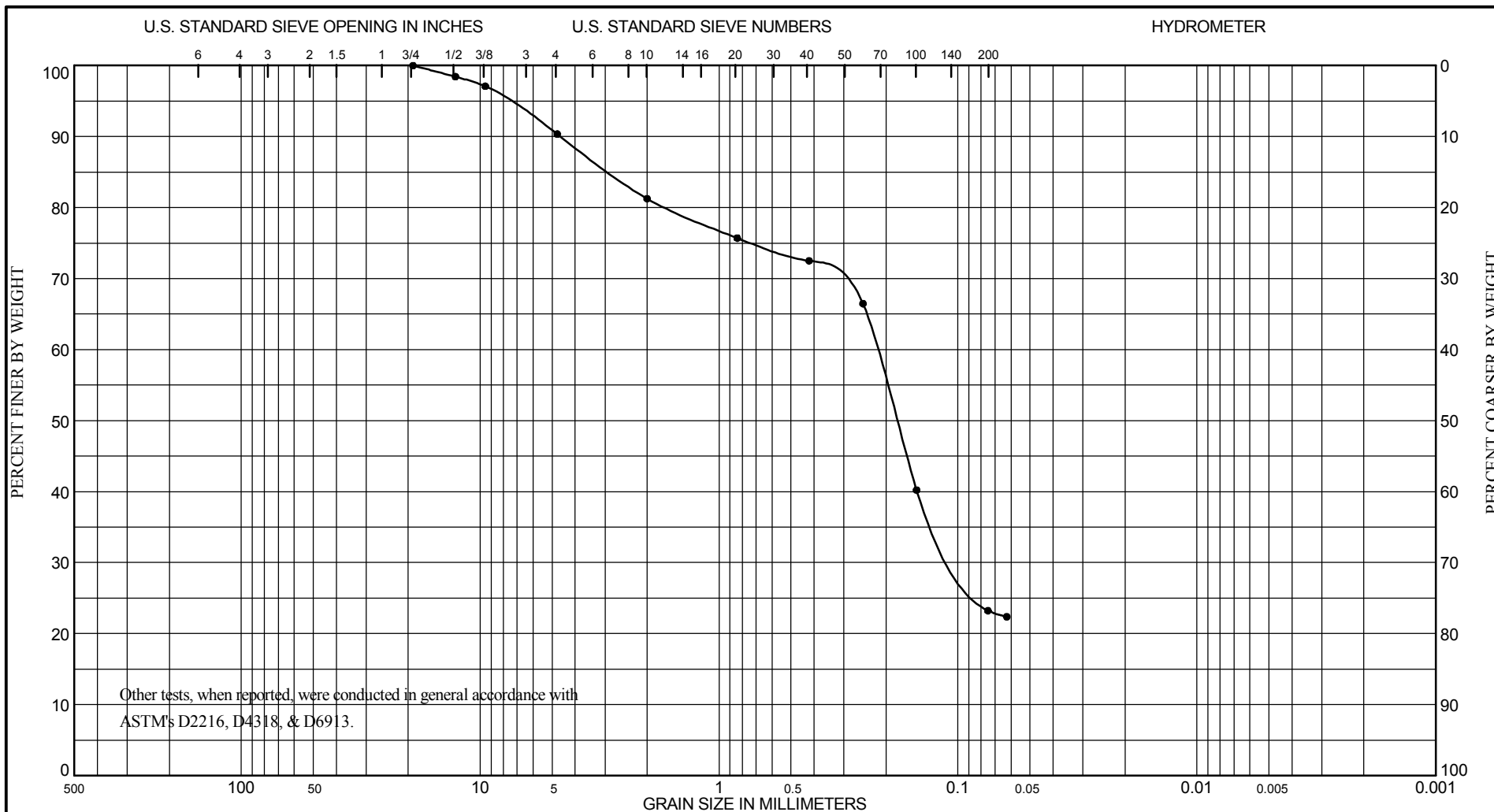


Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
2	71.0 to 72.5	Olive Gray, Silty Sand (SM), with a trace of gravel.	34.1				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3369
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							Date 11/27/13

GRADATION CURVES

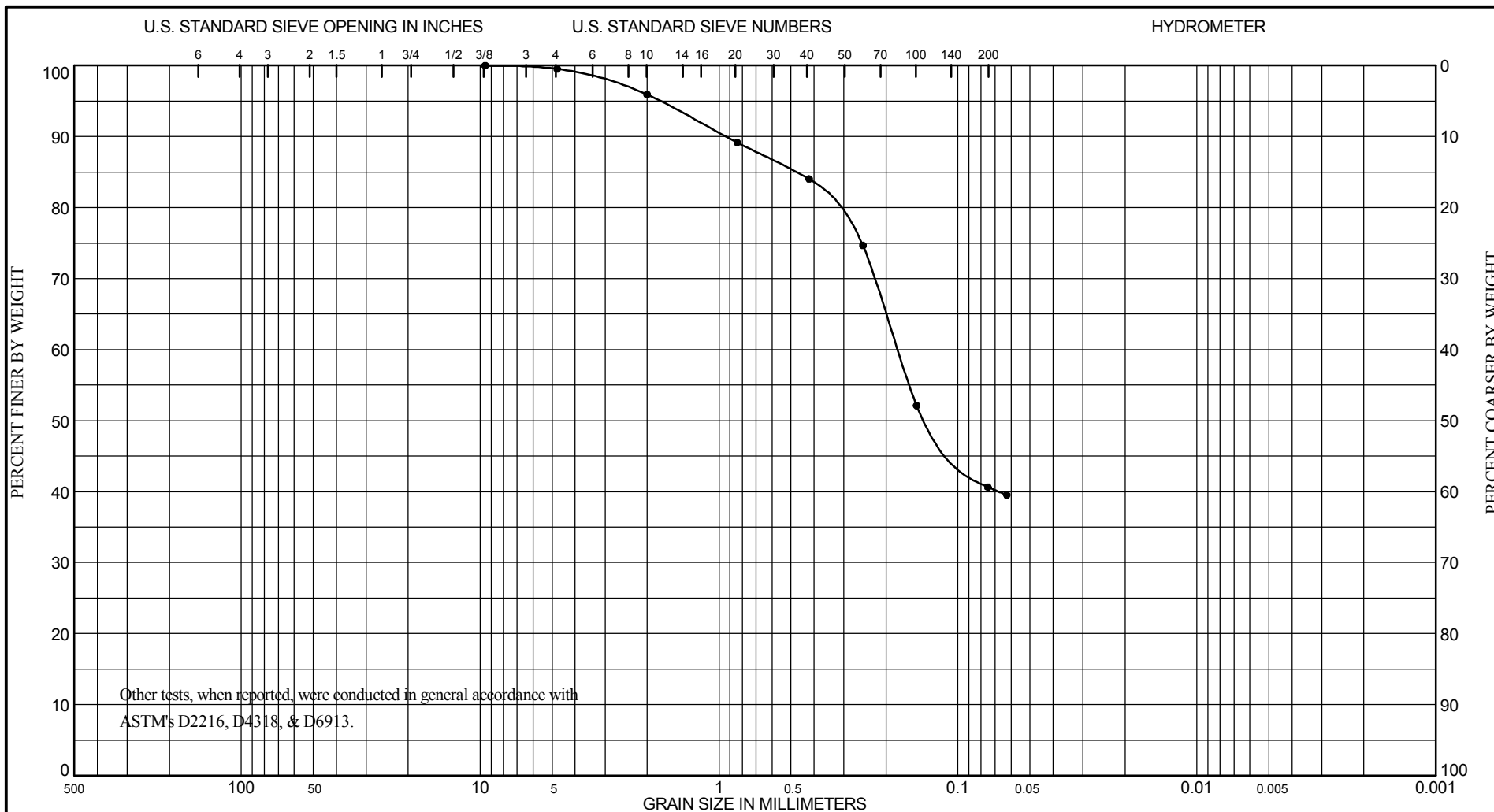


Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4	74.0 to 75.5	Olive Gray, Silty Sand (SM), with a trace of gravel.	30.4				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3371
							Hole No. EC-13-B-12
							Date 11/27/13

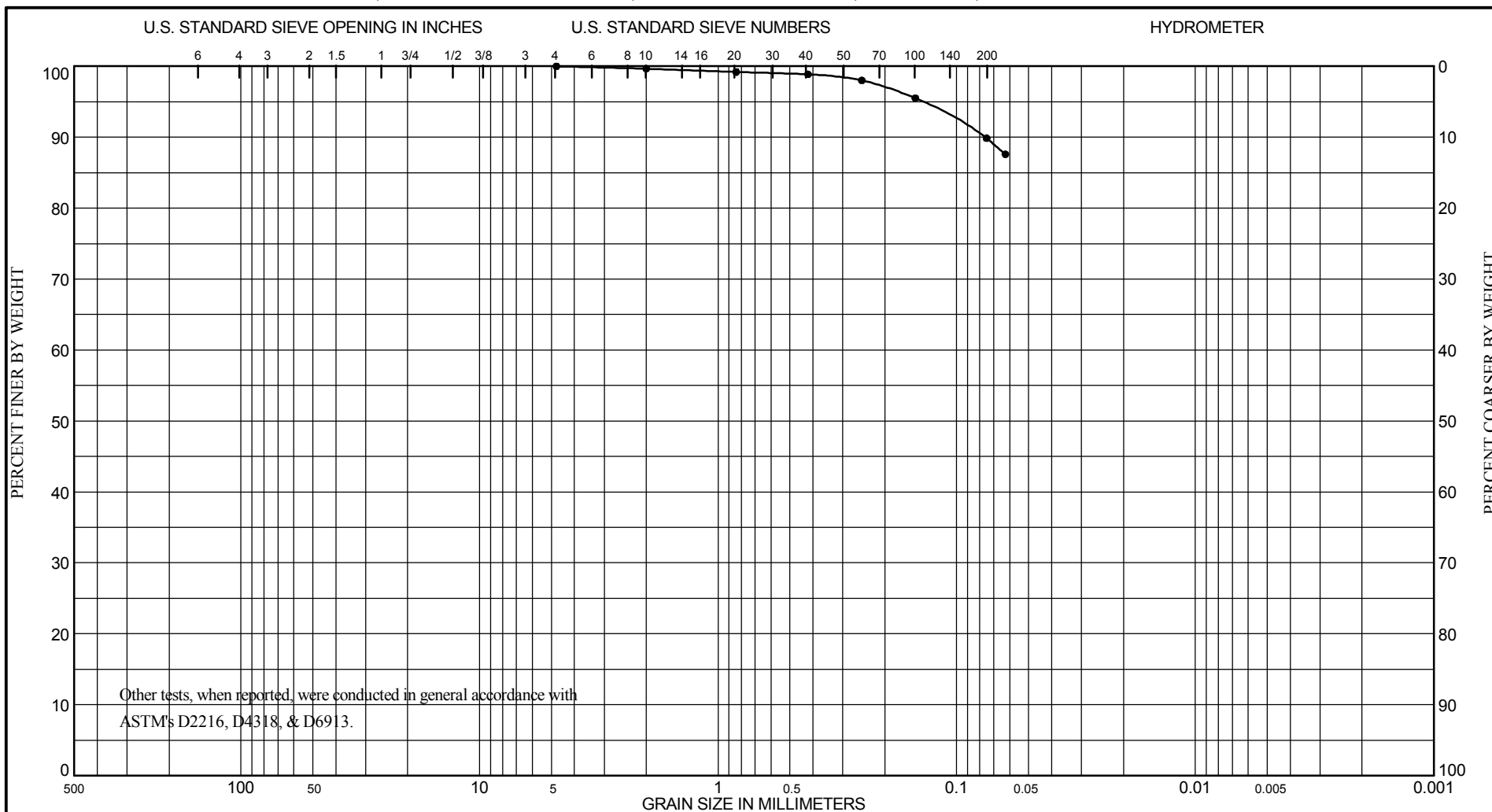
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
6	77.0 to 78.5	Olive Gray, (Visual) Clayey Sand (SC).	40.8				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3373
							Hole No. EC-13-B-12
							Date 11/27/13

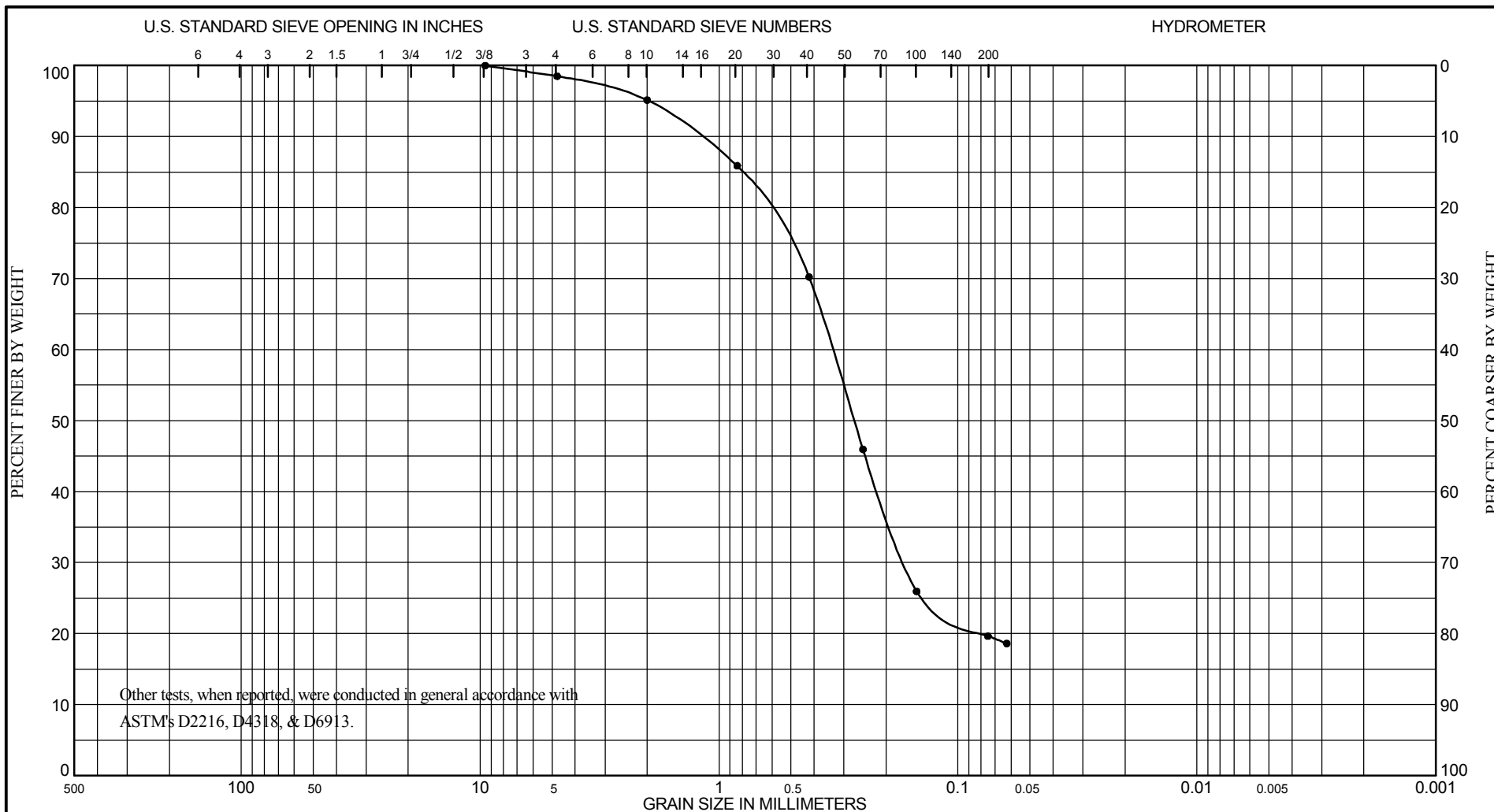
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
7	78.5 to 80.0	Very Dark Gray, Fat Clay (CH), with a little sand.	54.4	100	32	68	Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3374
							Hole No. EC-13-B-12
							Date 11/27/13

GRADATION CURVES

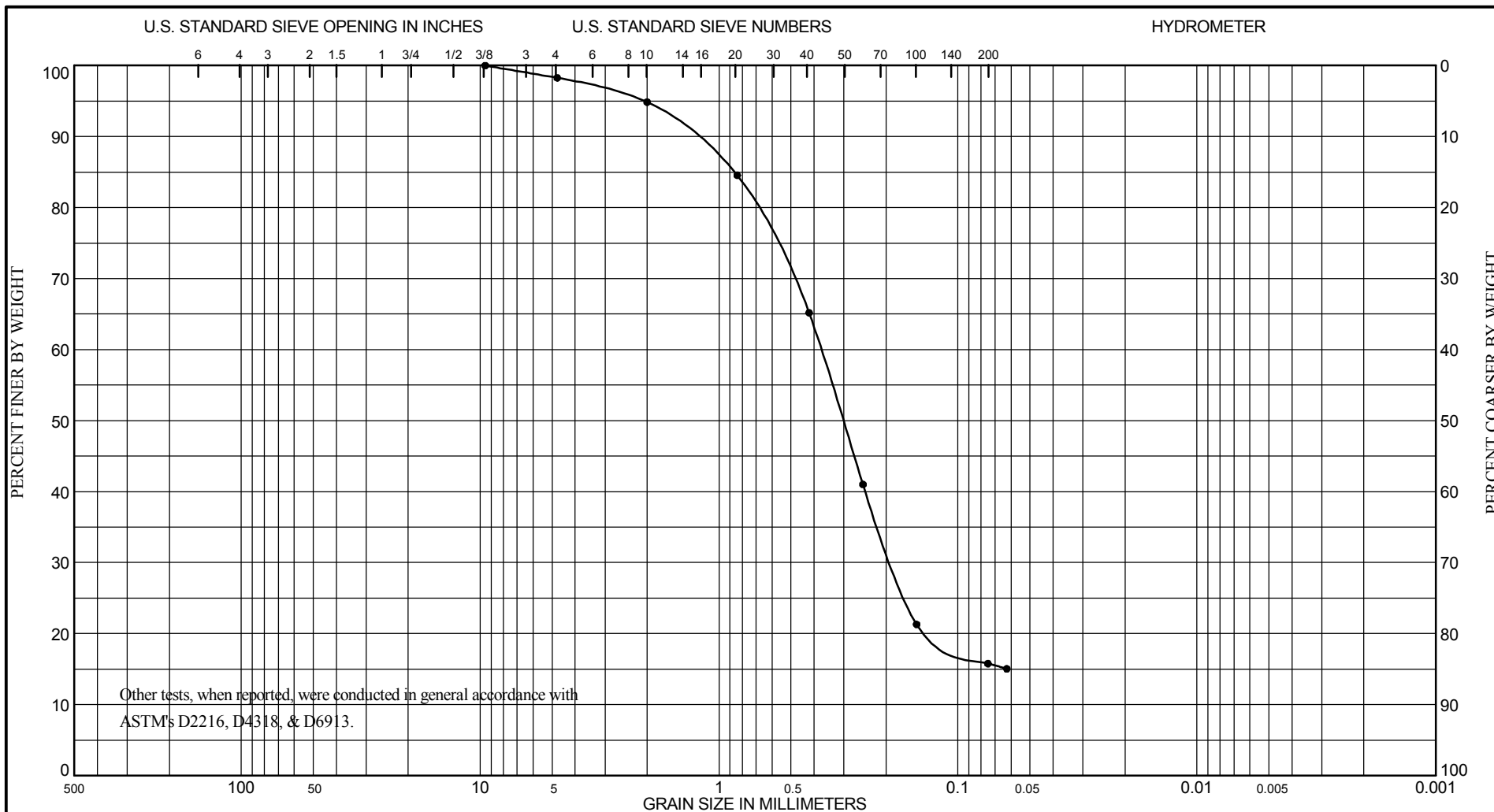


Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
2	69.4 to 70.9	Gray & Light Gray, Silty Sand (SM), with a trace of gravel.	24.5				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3376
							Hole No. EC-13-B-13
							Date 11/27/13

GRADATION CURVES

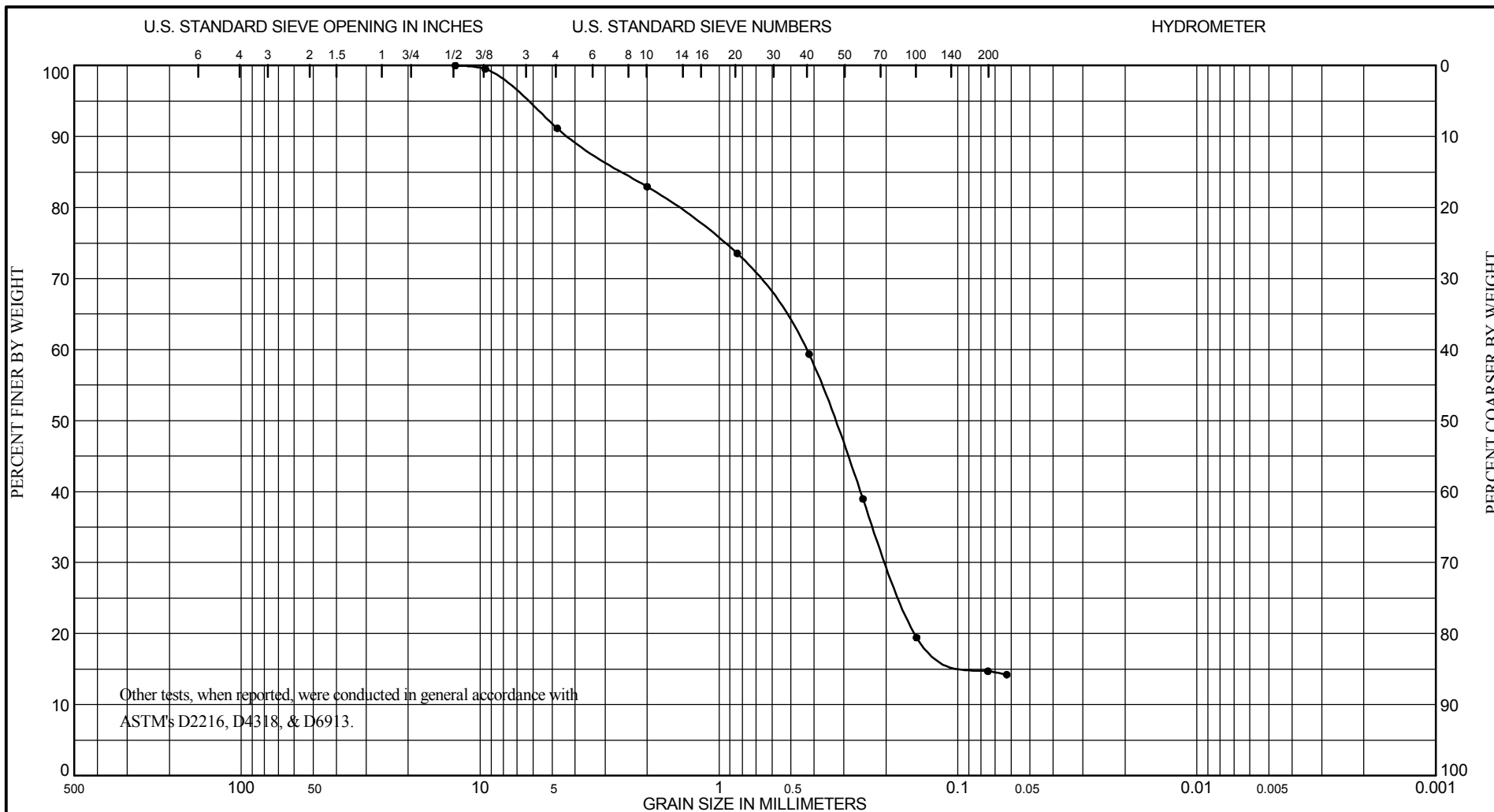


Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
6	75.5 to 77.0	Gray, Silty Sand (SM), with a trace of gravel.	31.2				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3380
							Hole No. EC-13-B-13
							Date 11/27/13

GRADATION CURVES

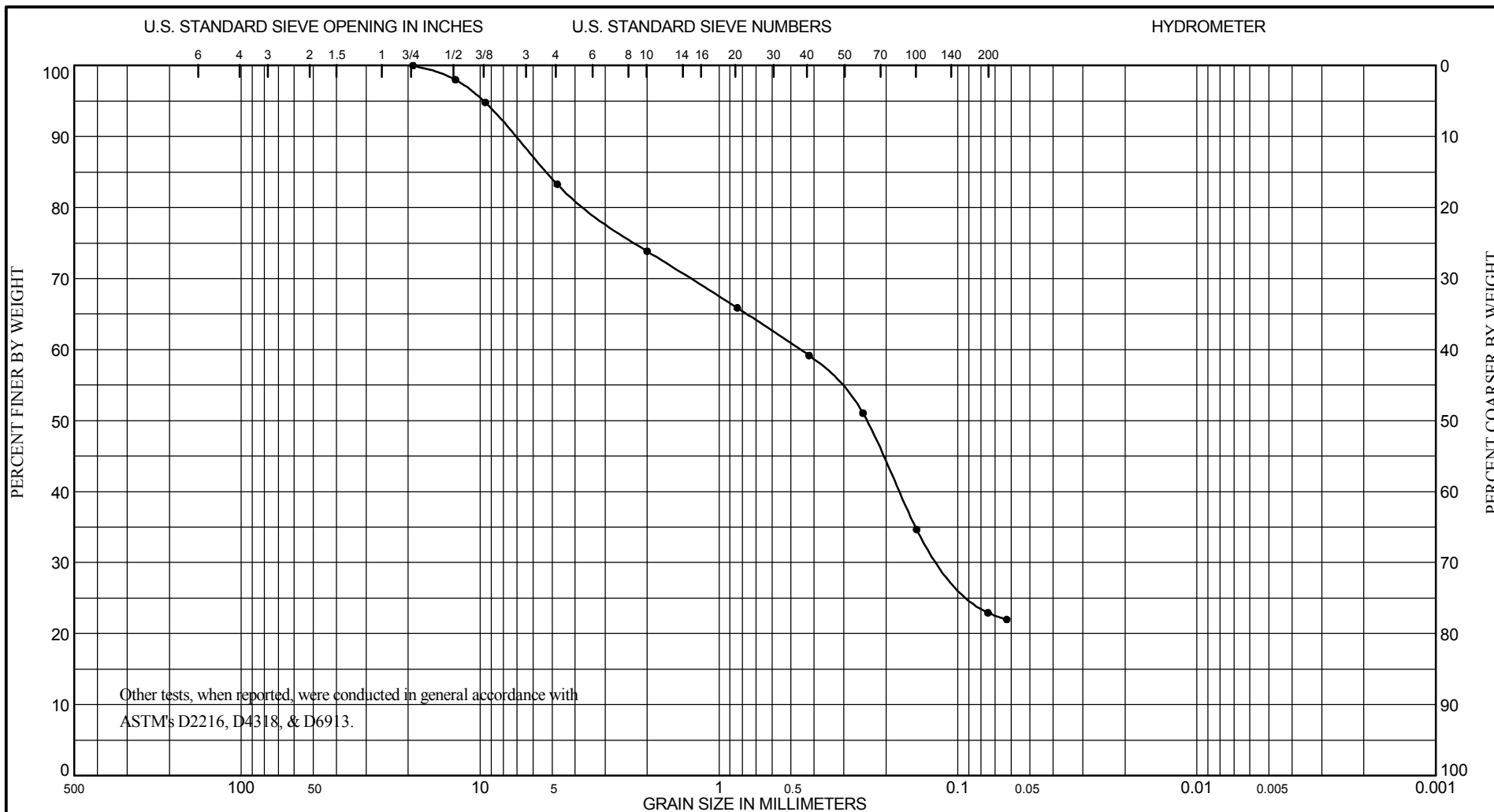


Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
7	77.0 to 78.5	Gray, Silty Sand (SM), with a trace of gravel.	31.6				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3381
							Hole No. EC-13-B-13
							Date 11/27/13

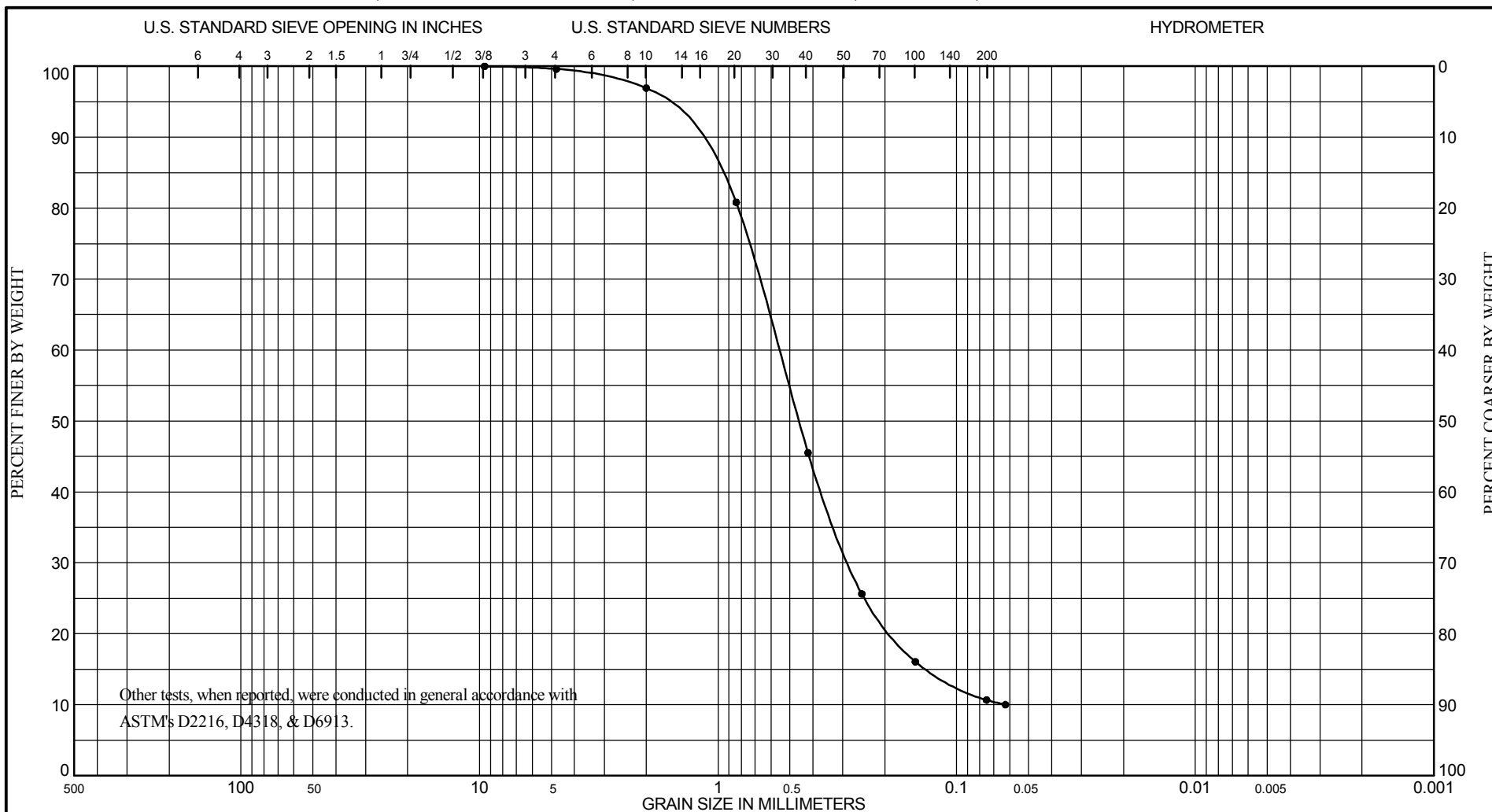
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
9	80.0 to 81.5	Olive, Silty Sand (SM), with a little gravel.	30.9				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3383
							Hole No. EC-13-B-13
							Date 11/27/13

GRADATION CURVES

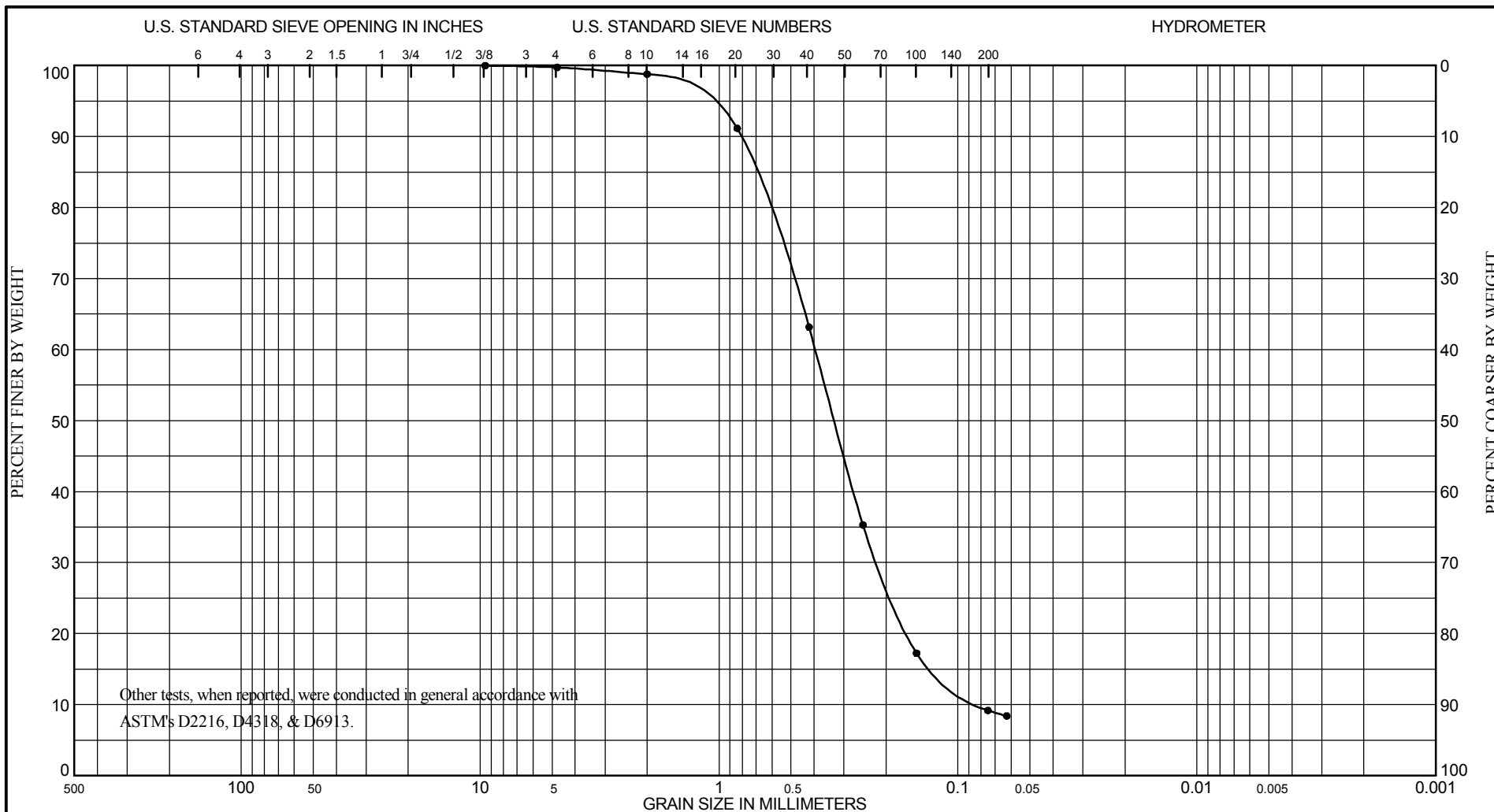


COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
2	70.5 to 72.0	Gray with other Colors, Poorly Graded Silty Sand (SP-SM).	24.1				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3388
							Hole No. EC-13-B-14

GRADATION CURVES

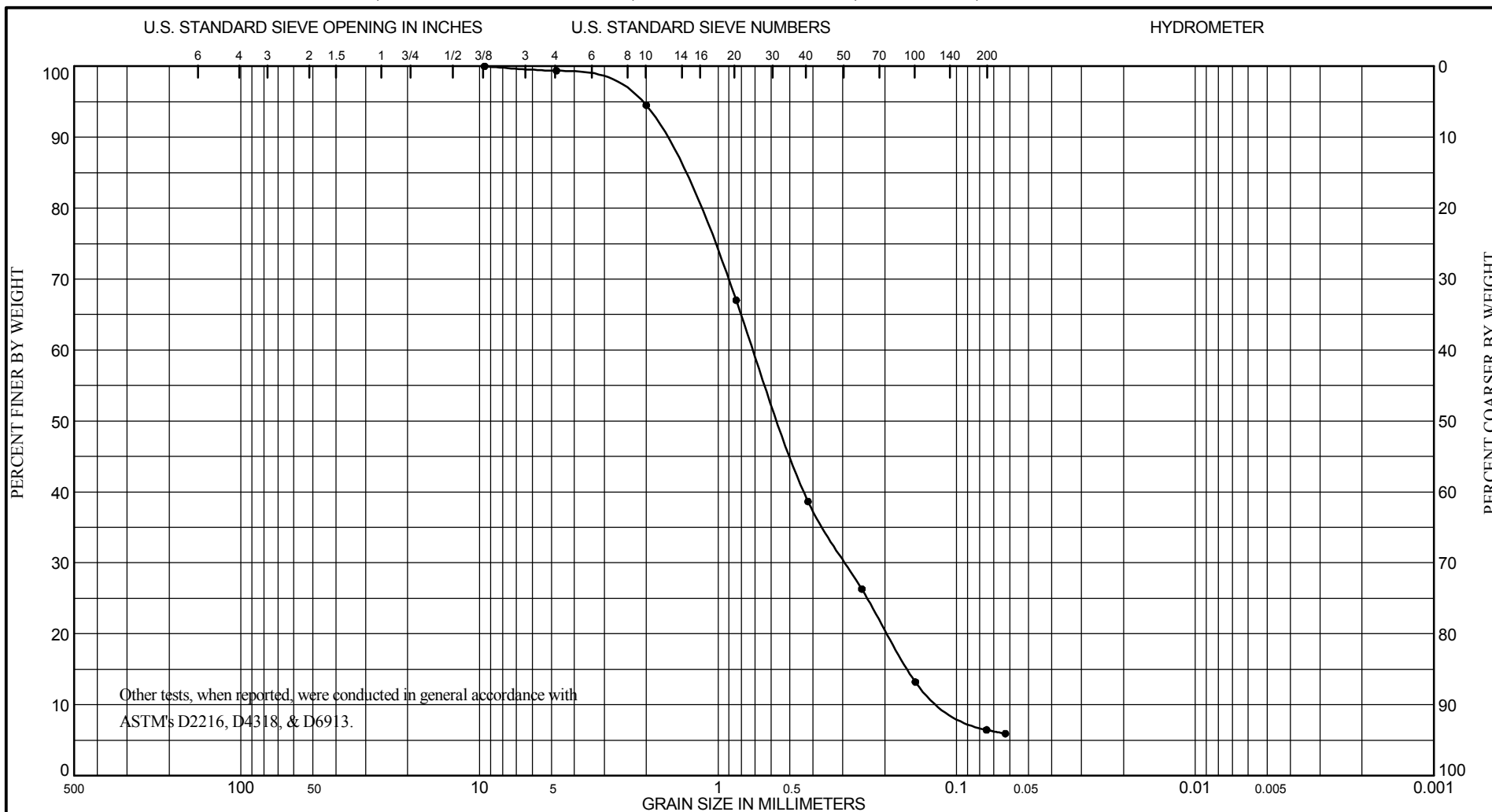
Date 11/27/13



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4	73.5 to 75.0	Gray with other Colors, Poorly Graded Silty Sand (SP-SM).	21.7				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3390
							Hole No. EC-13-B-14
							Date 11/27/13

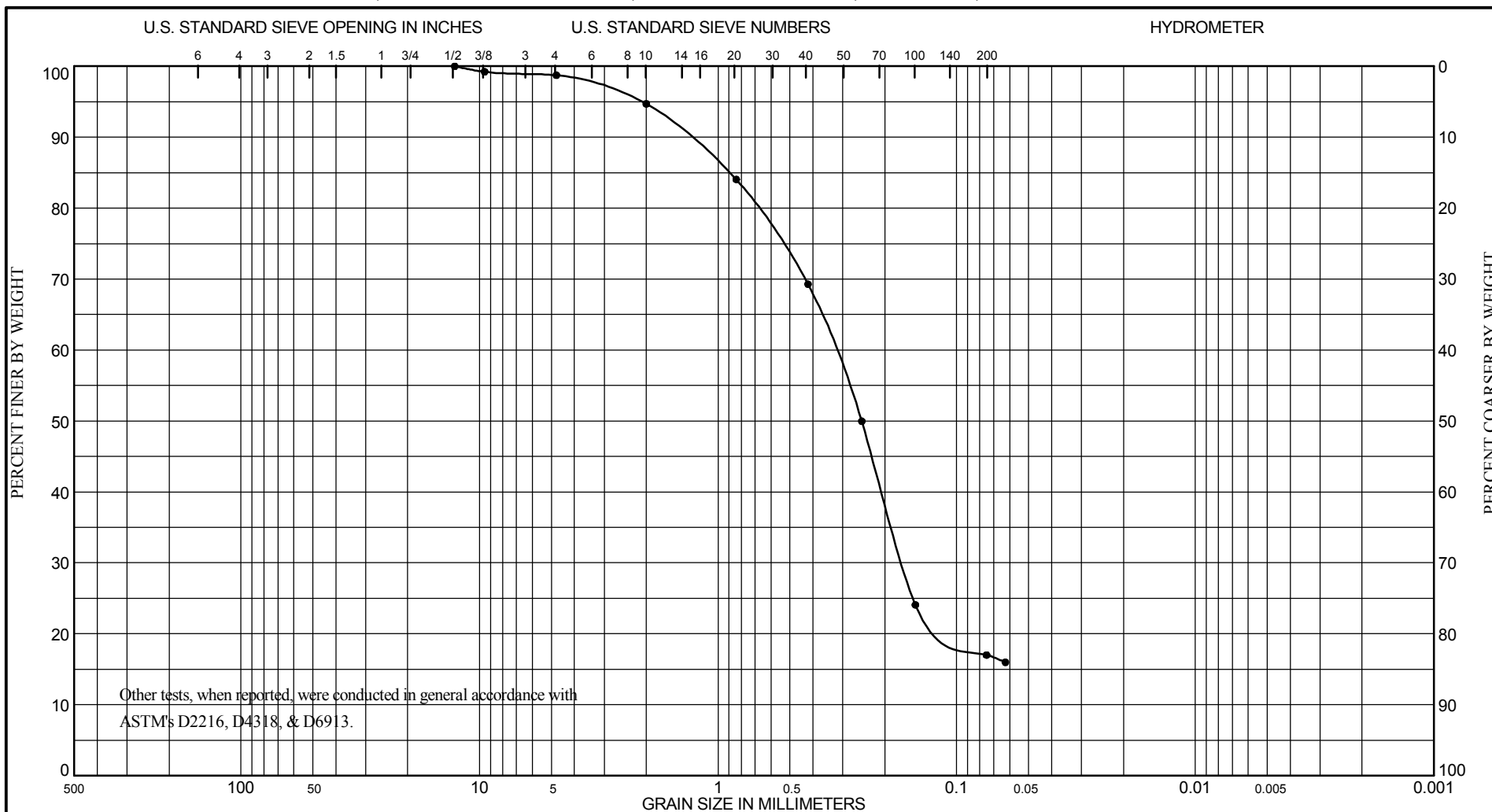
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
6	76.5 to 78.0	Gray with other Colors, Poorly Graded Silty Sand (SP-SM).	20.7				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3392
							Hole No. EC-13-B-14
							Date 11/27/13

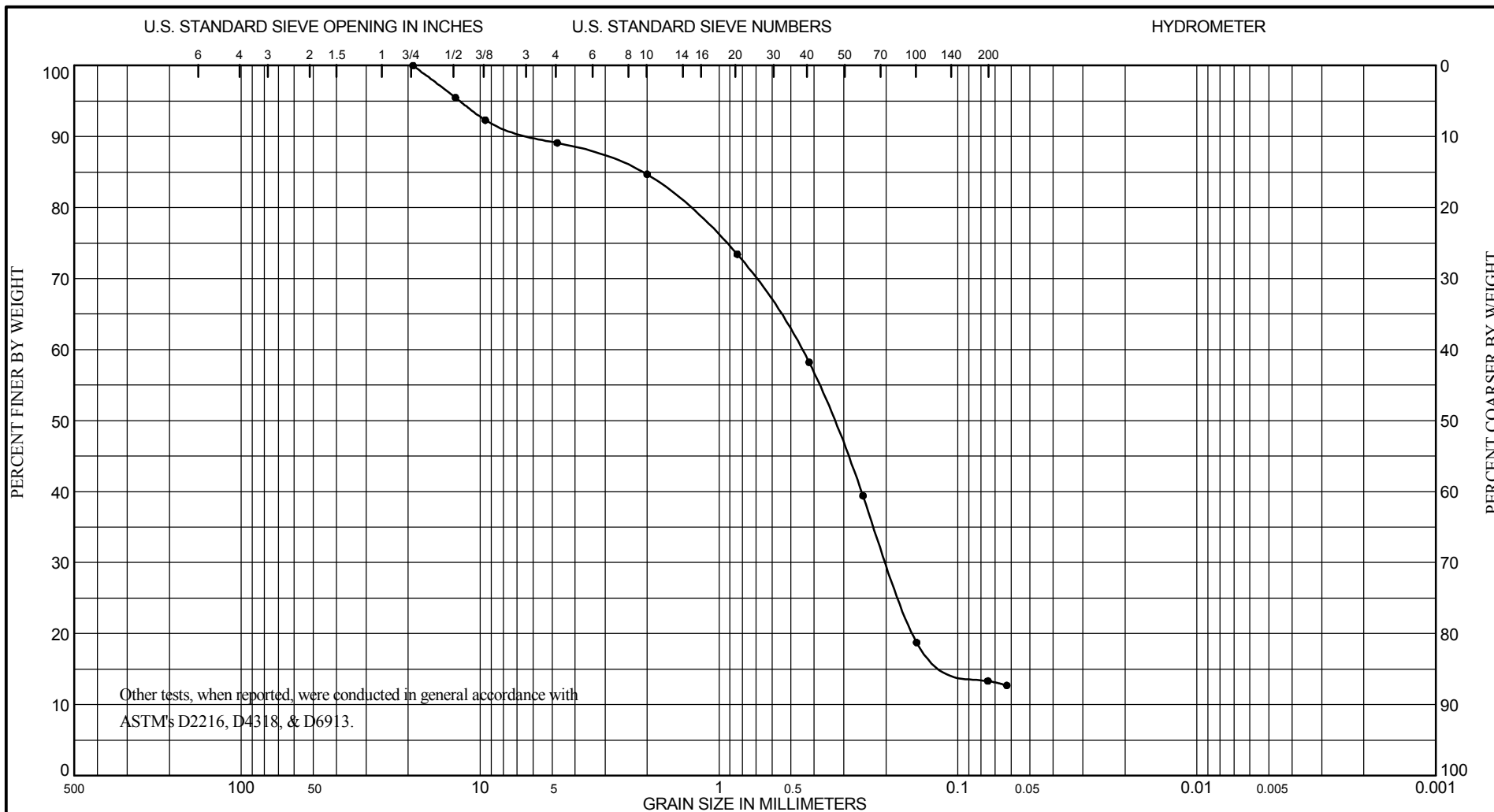
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
2	70.5 to 72.0	Light Gray, Silty Sand (SM), with a trace of gravel.	25.0				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3395
							Hole No. EC-13-B-15
							Date 11/27/13

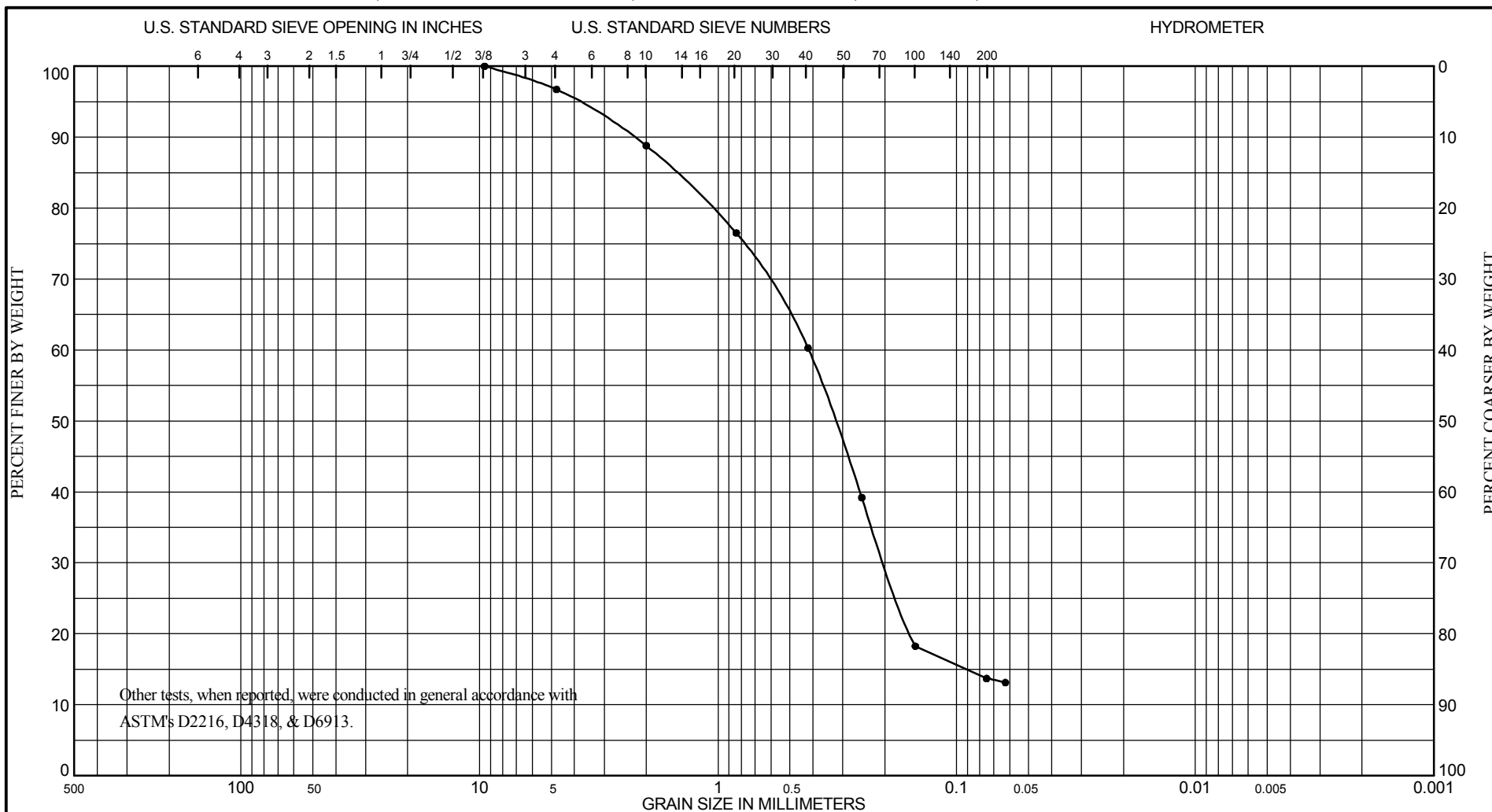
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4	73.5 to 75.0	Gray & Light Brownish Gray, Silty Sand (SM), with a little gravel.	33.4				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3397
							Hole No. EC-13-B-15
							Date 11/27/13

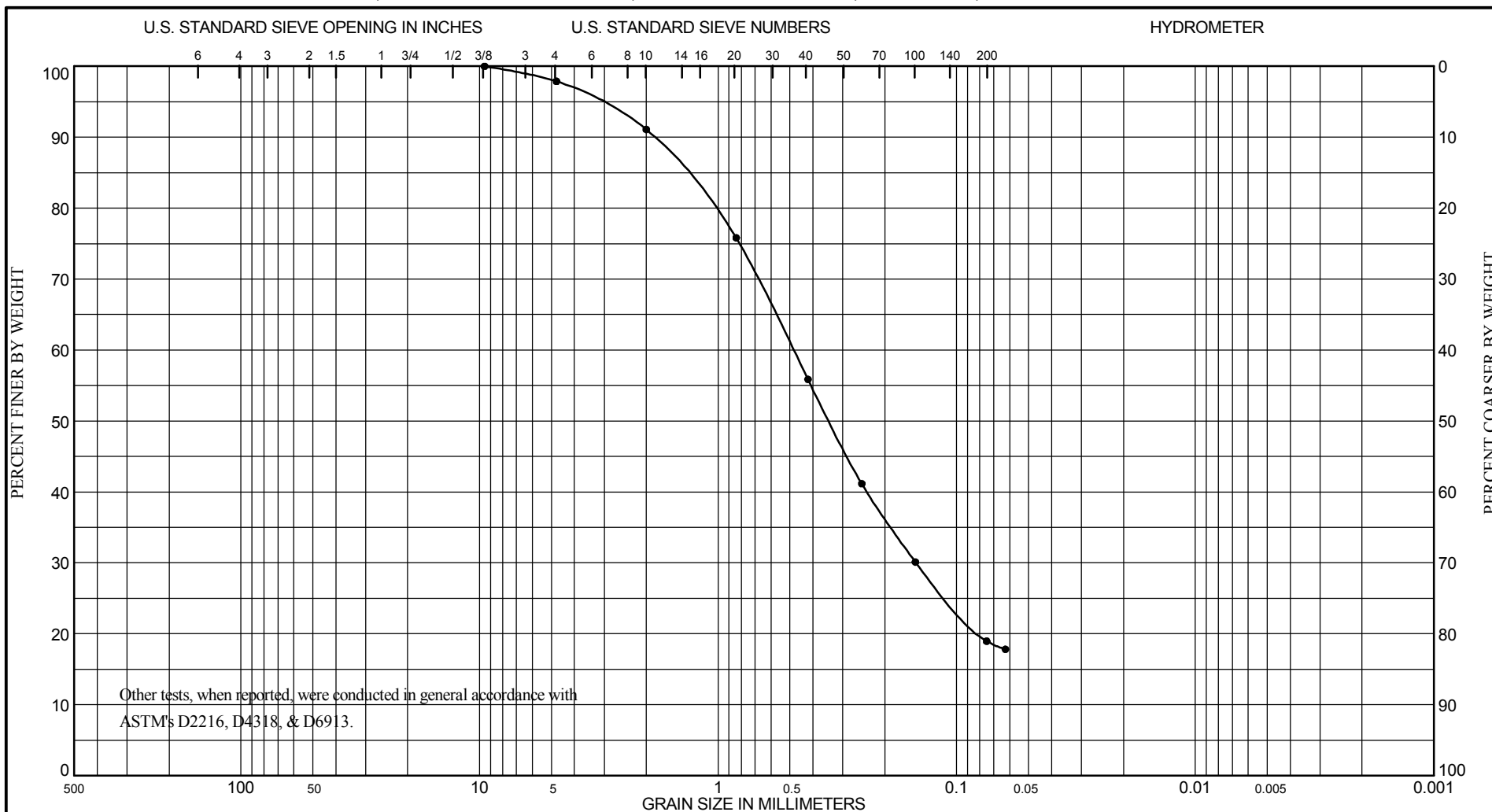
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
6	76.5 to 78.0	Gray & Light Brownish Gray, Silty Sand (SM), with a trace of gravel.	35.0				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3399
							Hole No. EC-13-B-15
							Date 11/27/13

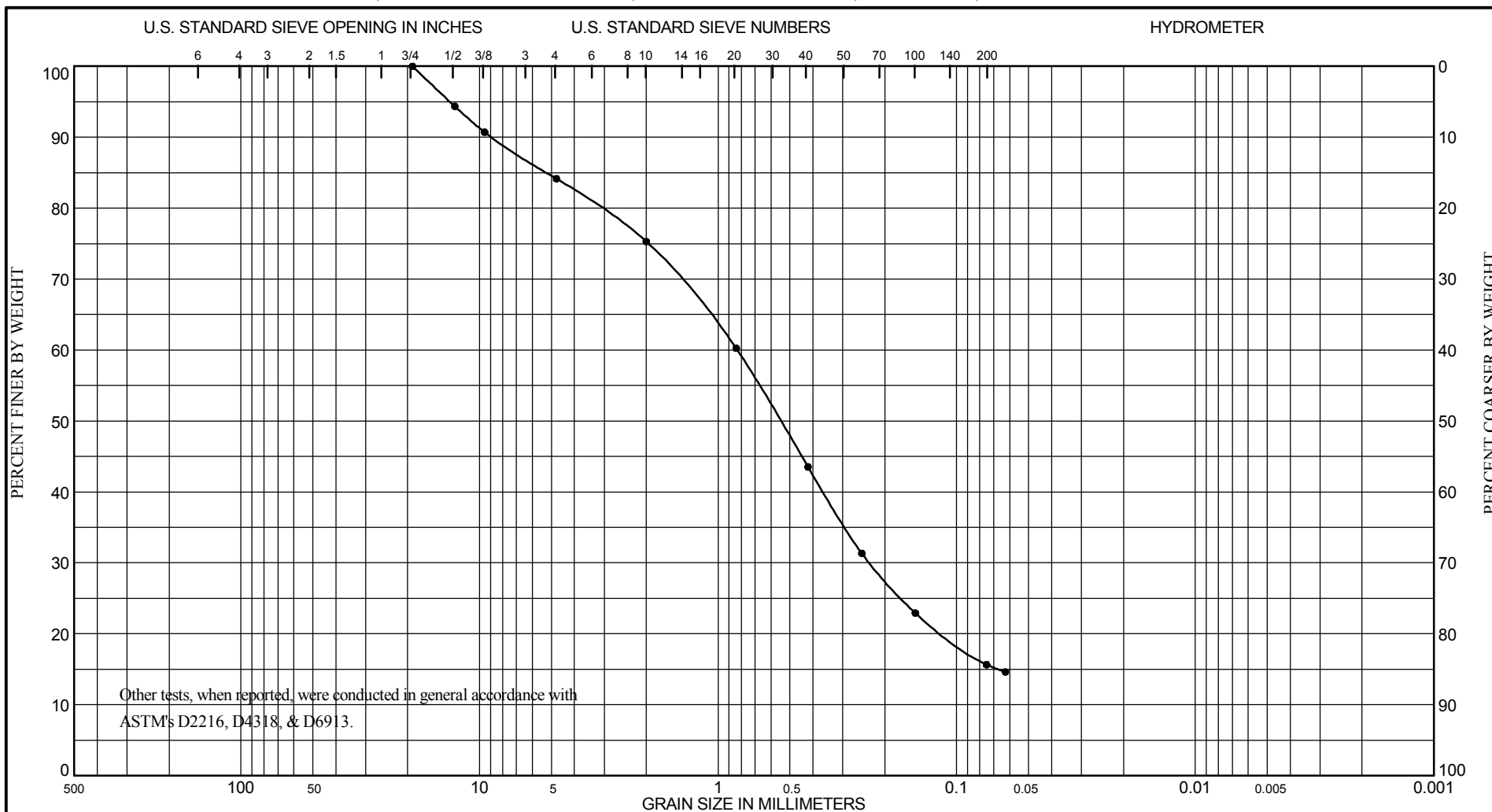
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
2	72.5 to 74.0	Light Gray, Silty Sand (SM), with a trace of gravel.	27.7				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3402
							Hole No. EC-13-B-16
							Date 11/27/13

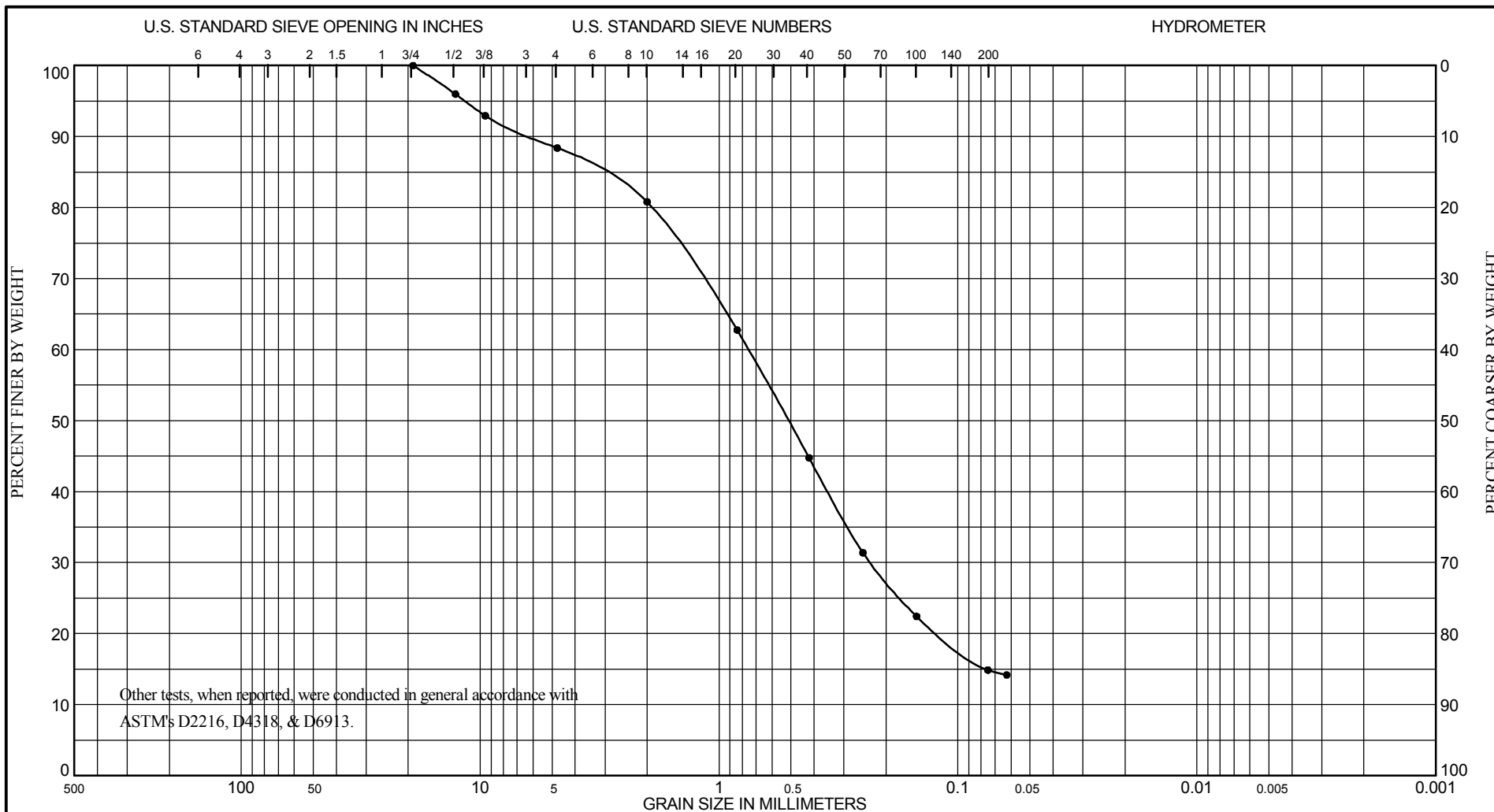
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
3	74.0 to 75.5	Light Gray, Silty Sand (SM), with a little gravel.	25.4				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3403
							Hole No. EC-13-B-16
							Date 11/27/13

GRADATION CURVES

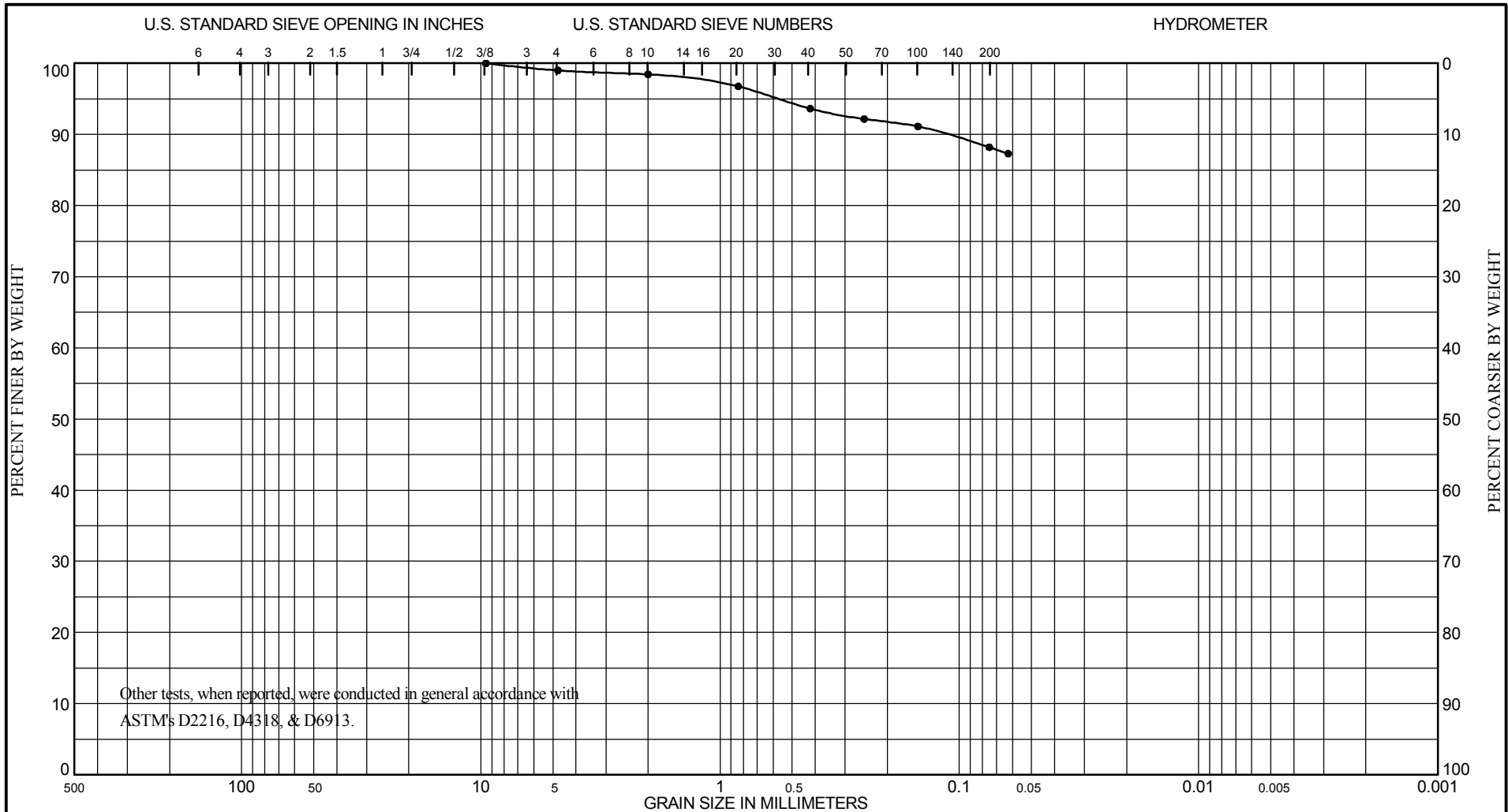


Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
5	77.0 to 78.5	Light Gray, Silty Sand (SM), with a little gravel.	30.3				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3405
							Hole No. EC-13-B-16
							Date 11/27/13

GRADATION CURVES

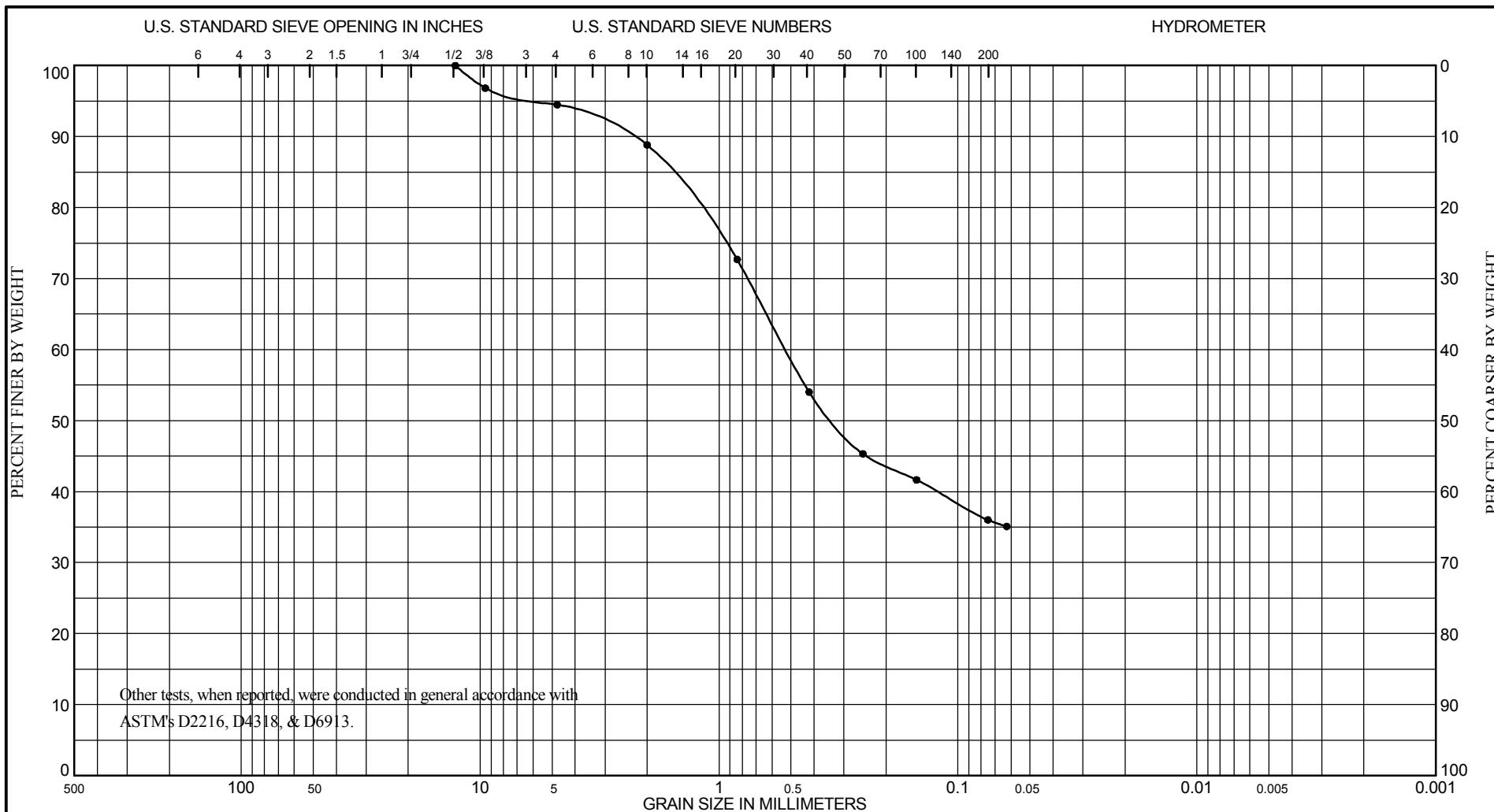


Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
2A	71.0 to 72.0	Dark Gray, Fat Clay (CH), with a little sand and a trace of gravel.	84.0	88	34	54	Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3410
							Hole No. EC-13-B-17
							Date 11/27/13

GRADATION CURVES

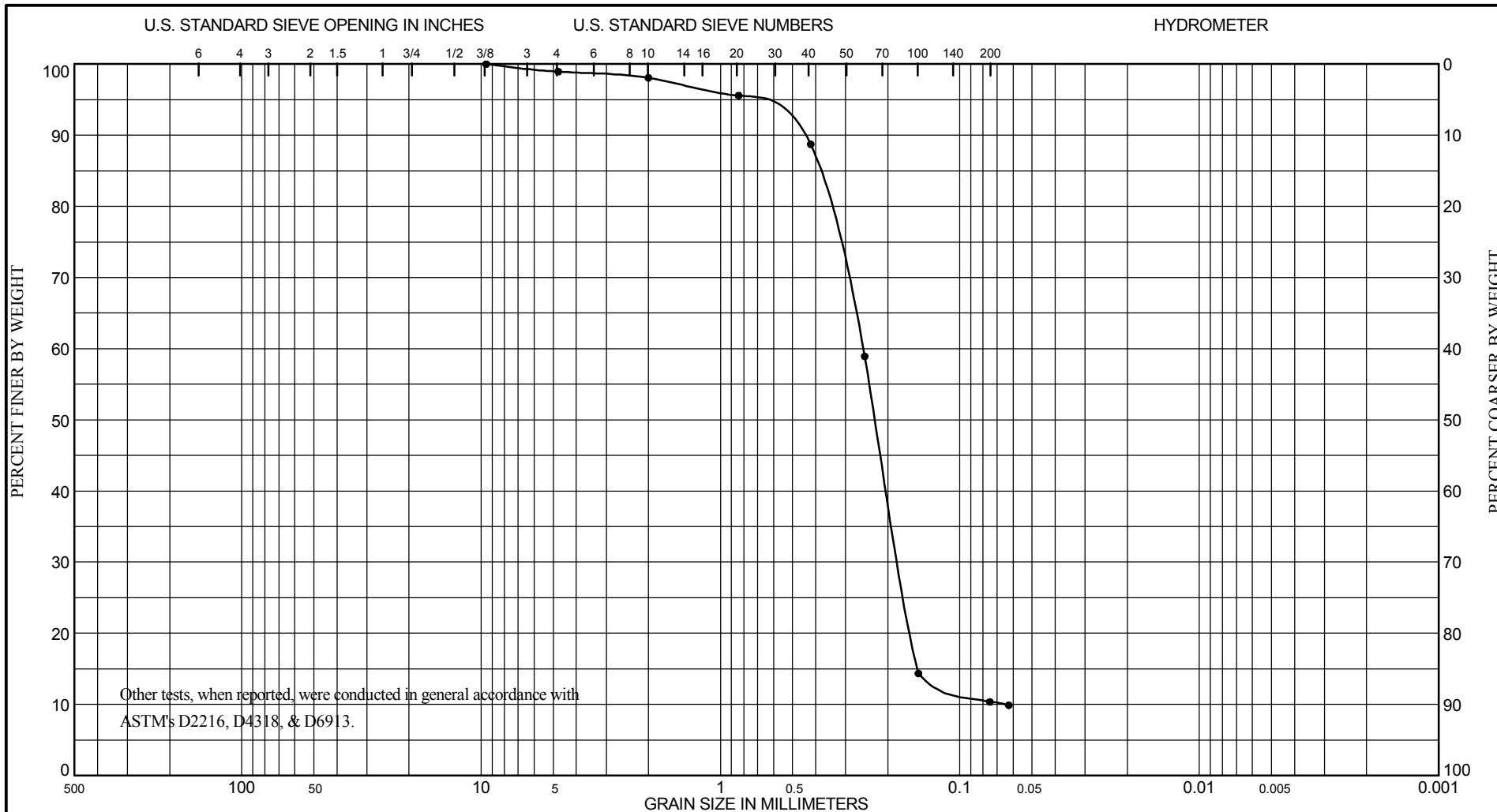


Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
2B	72.0 to 74.0	Dark Gray, (Visual) Clayey Sand High LL (SC-H), with a trace of gravel.	39.3				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3411
							Hole No. EC-13-B-17
							Date 11/27/13

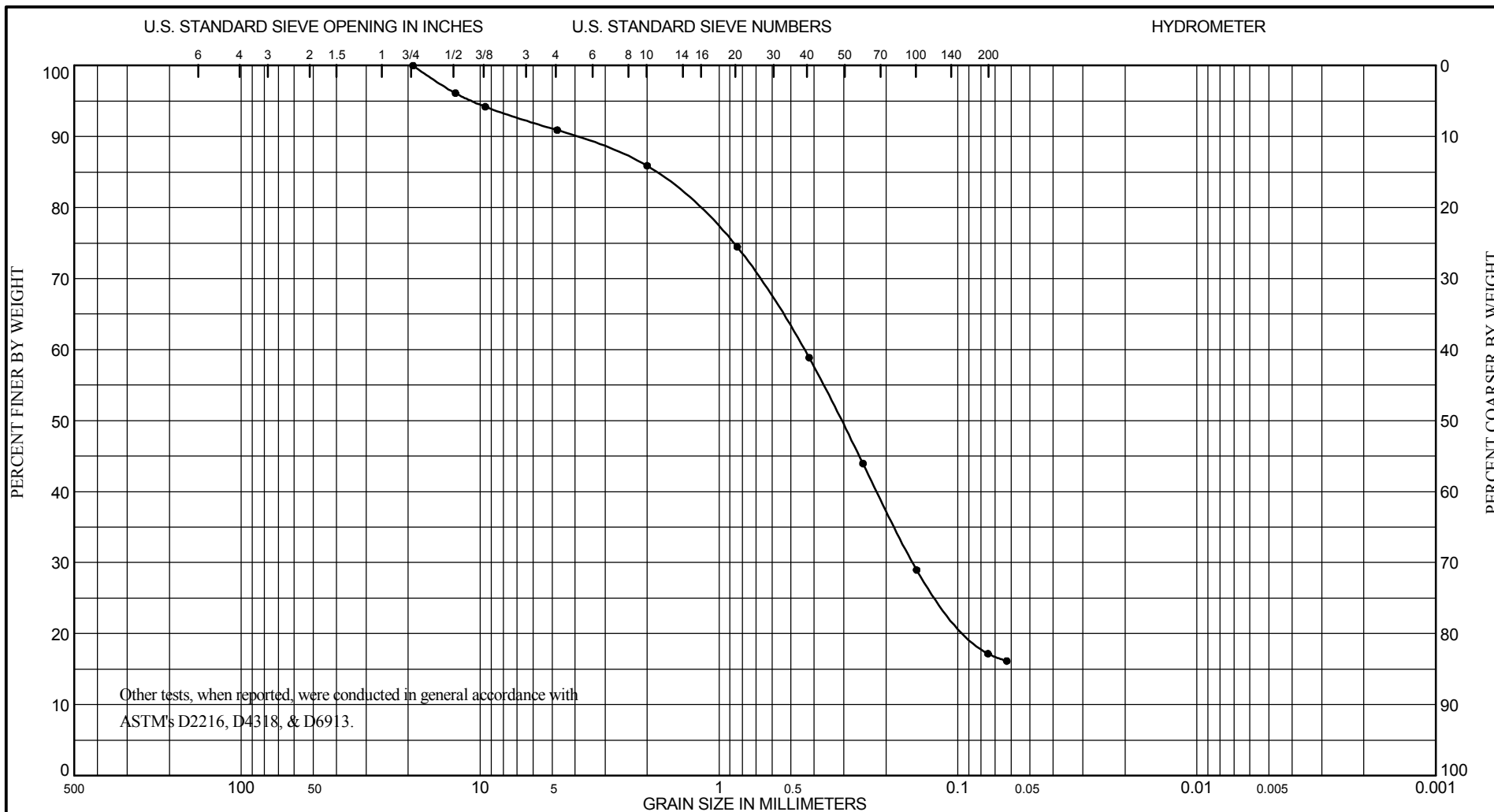
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4	75.5 to 77.0	Very Dark Gray, Poorly Graded Silty Sand (SP-SM), with a trace of gravel.	26.3				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3414
							Hole No. EC-13-B-17
							Date 11/27/13

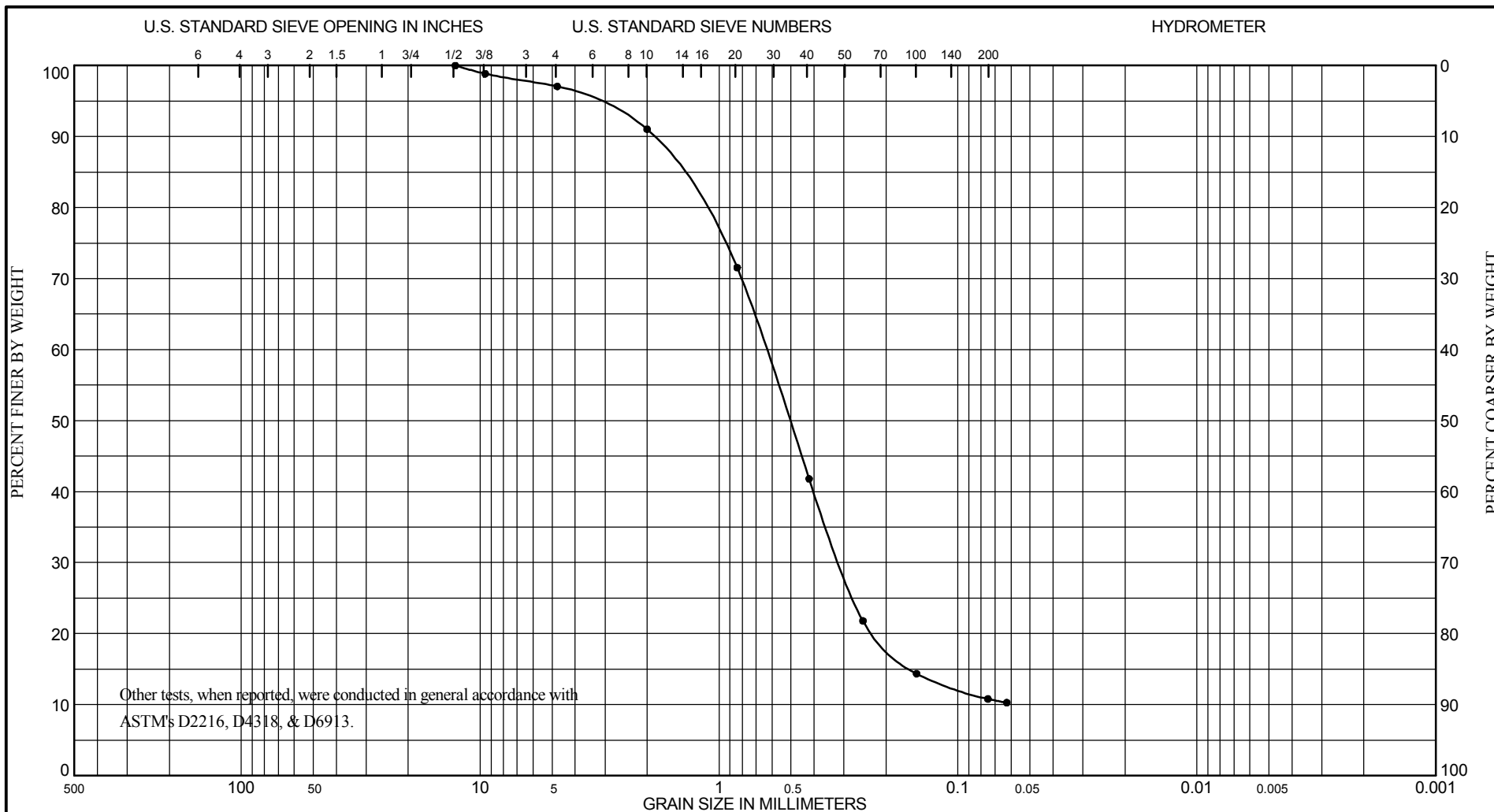
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1B	70.5 to 72.0	Gray & Light Brownish Gray, Silty Sand (SM), with a trace of gravel.	23.4				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3417
							Hole No. EC-13-B-18
							Date 11/27/13

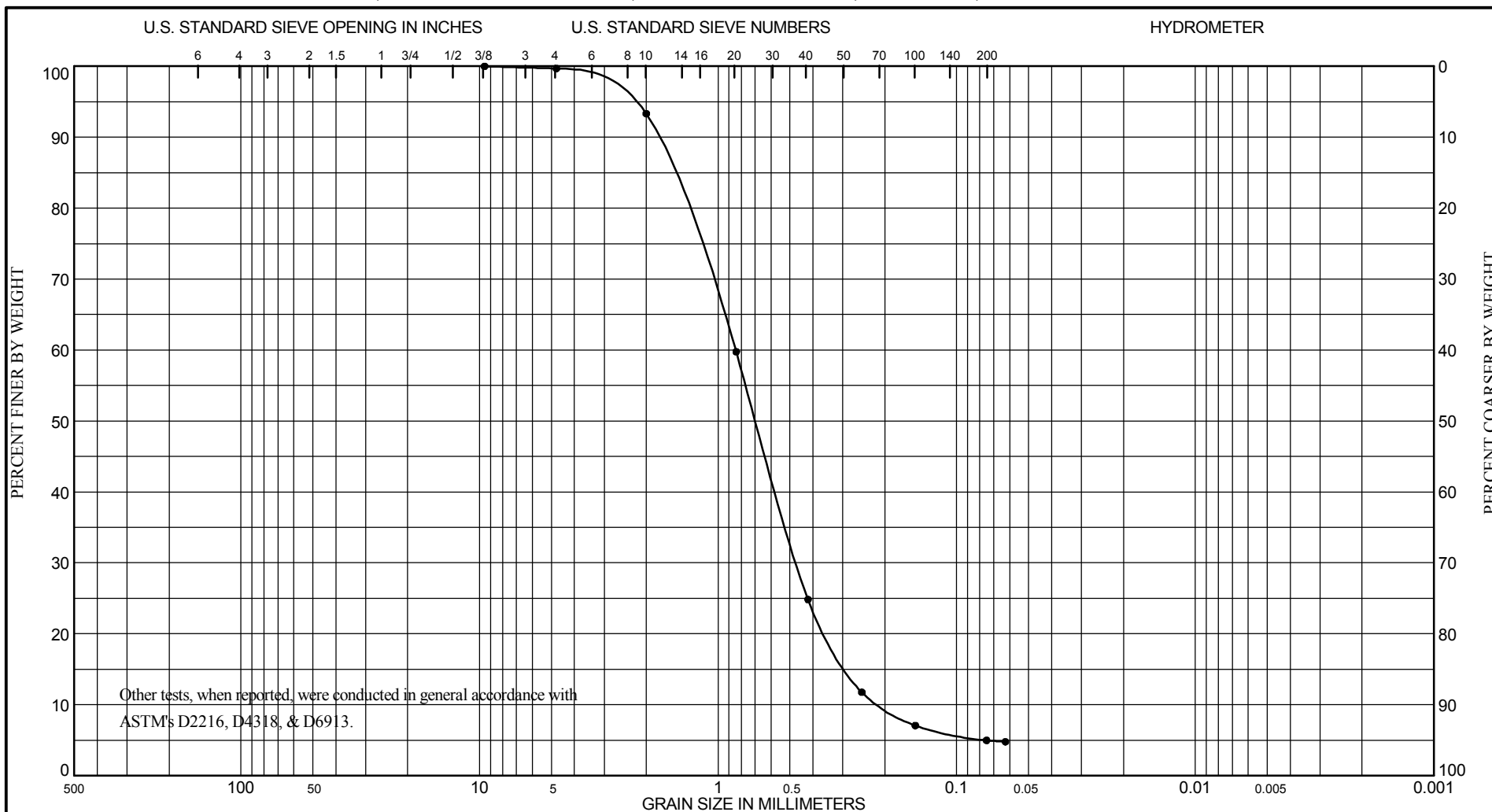
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1B	69.0 to 70.5	Gray & Dark Gray, Poorly Graded Silty Sand (SP-SM), with a trace of gravel.	20.0				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3419
							Hole No. EC-13-B-19
							Date 11/27/13

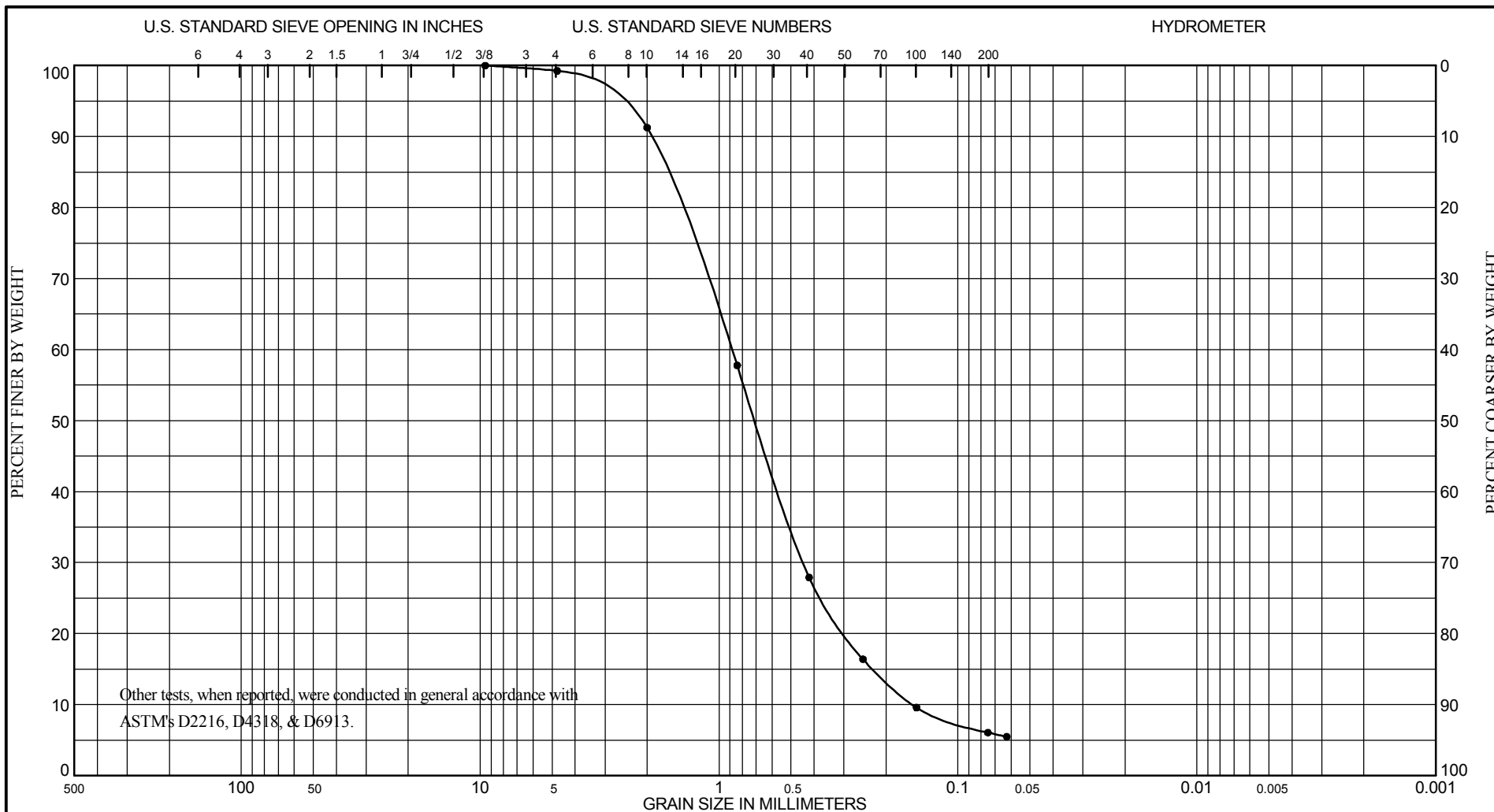
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
3	72.0 to 73.5	Gray & Dark Gray, Poorly Graded Sand (SP).	20.5				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3421
							Hole No. EC-13-B-19
							Date 11/27/13

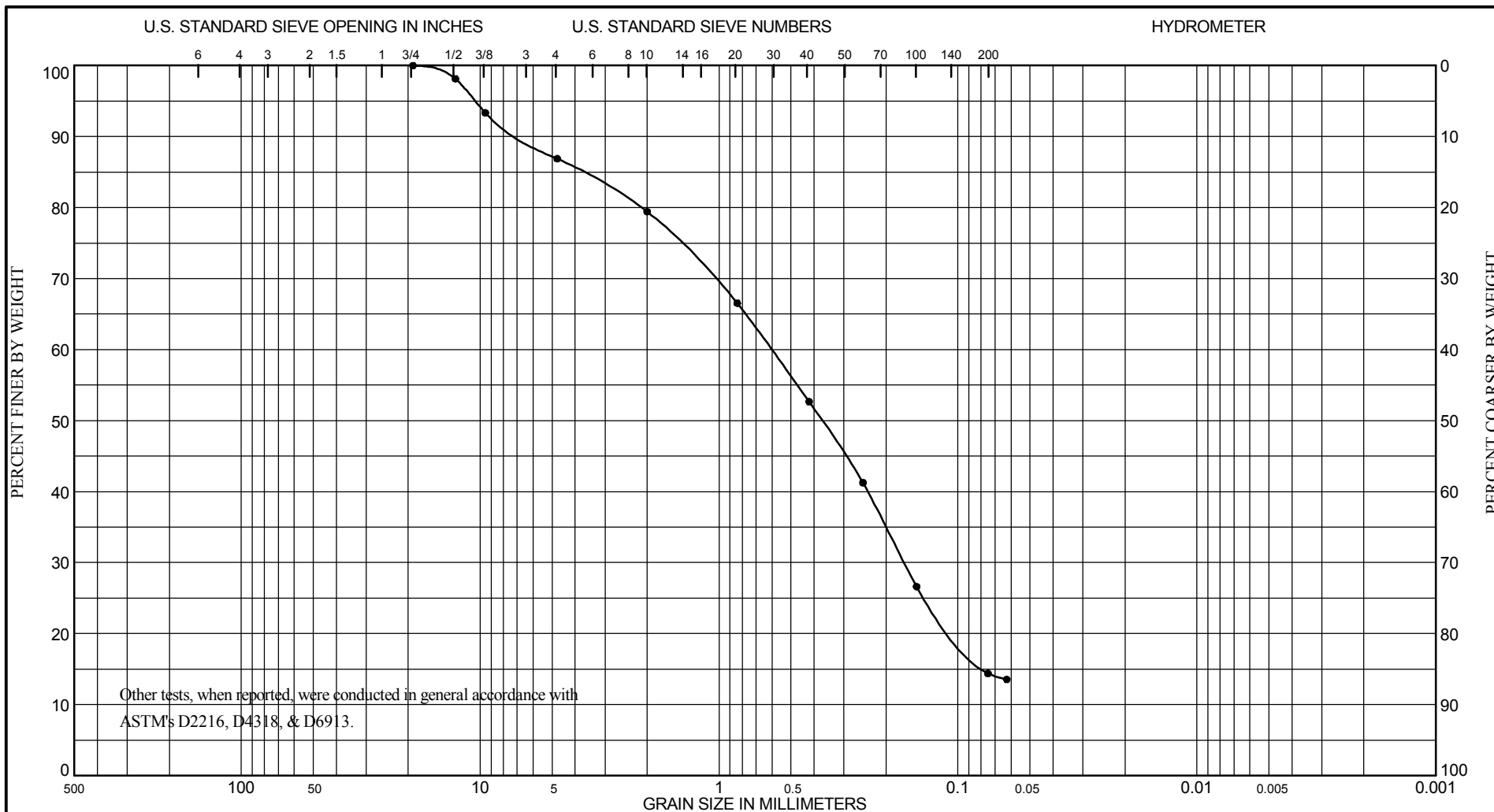
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4	73.5 to 75.0	Gray & Dark Gray, Poorly Graded Silty Sand (SP-SM).	14.9				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3422
							Hole No. EC-13-B-19
							Date 11/27/13

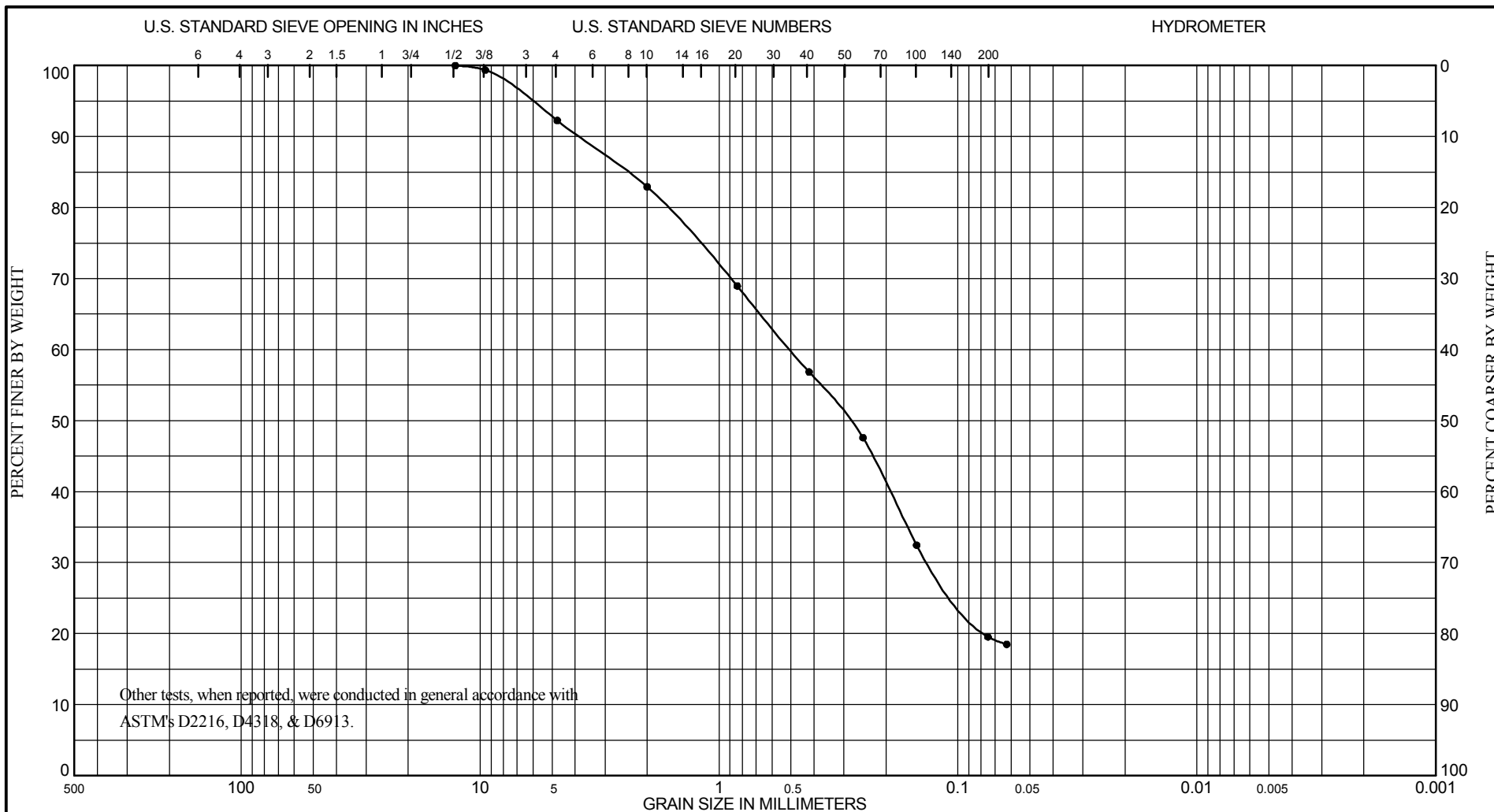
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1B	70.5 to 72.0	Light Gray, Silty Sand (SM), with a little gravel.	24.1				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3425
							Hole No. EC-13-B-20
							Date 11/27/13

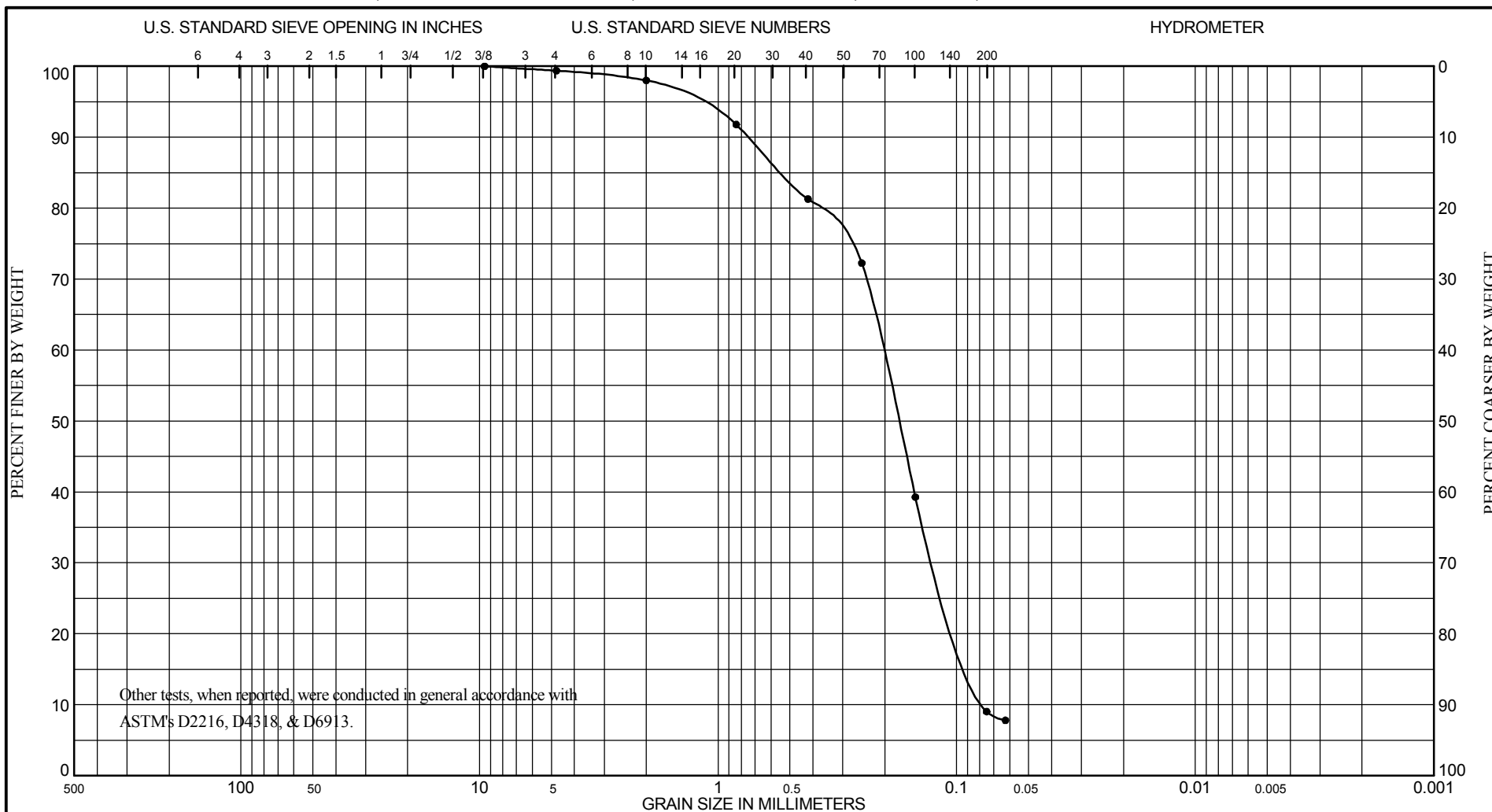
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	69.0 to 70.5	Light Gray, Silty Sand (SM), with a little gravel.	28.6				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3426
							Hole No. EC-13-B-21
							Date 11/27/13

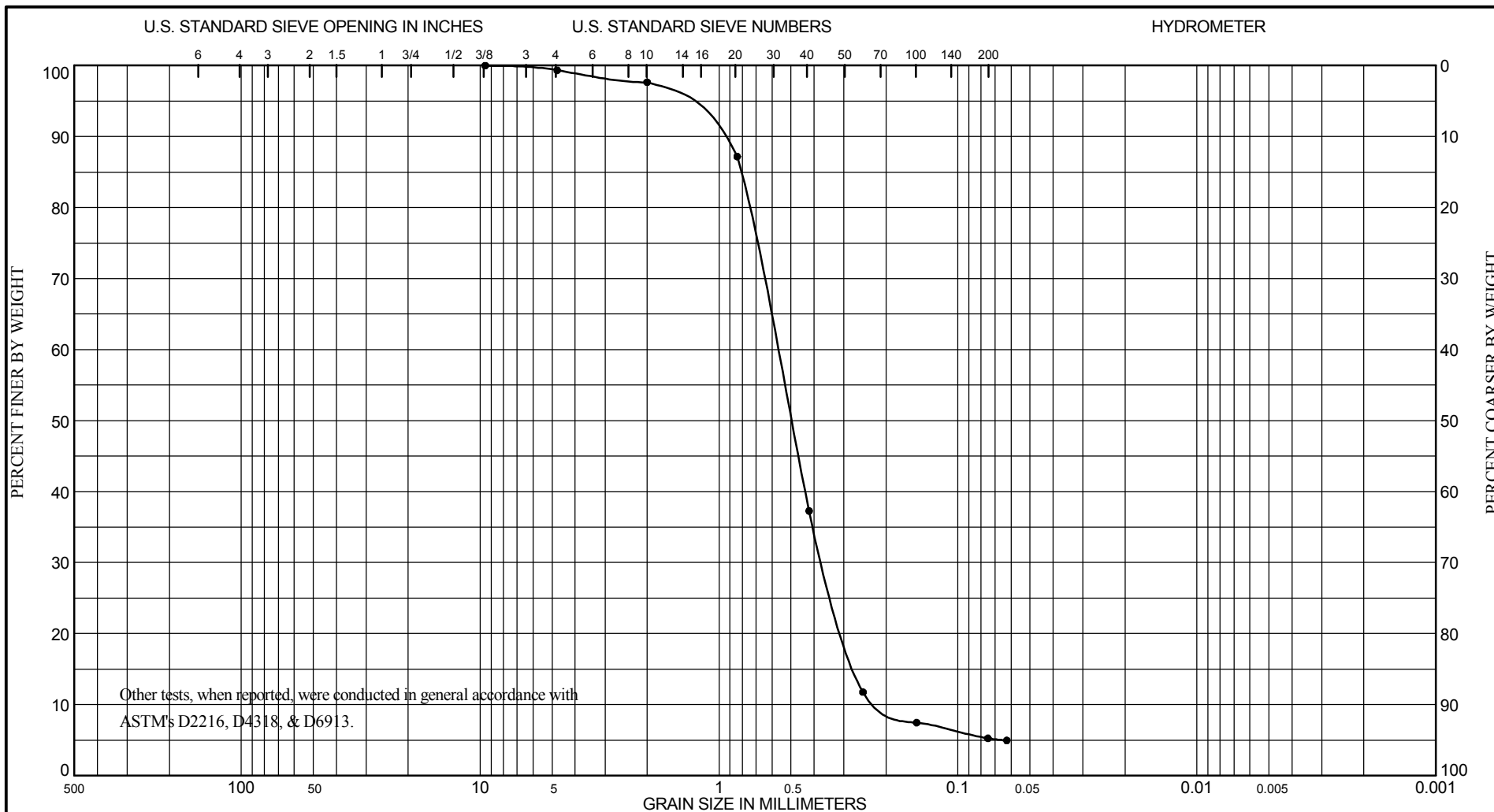
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	68.9 to 70.4	Dark Gray & Very Dark Gray, Poorly Graded Silty Sand (SP-SM).	23.4				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3427
							Hole No. EC-13-B-22
							Date 11/27/13

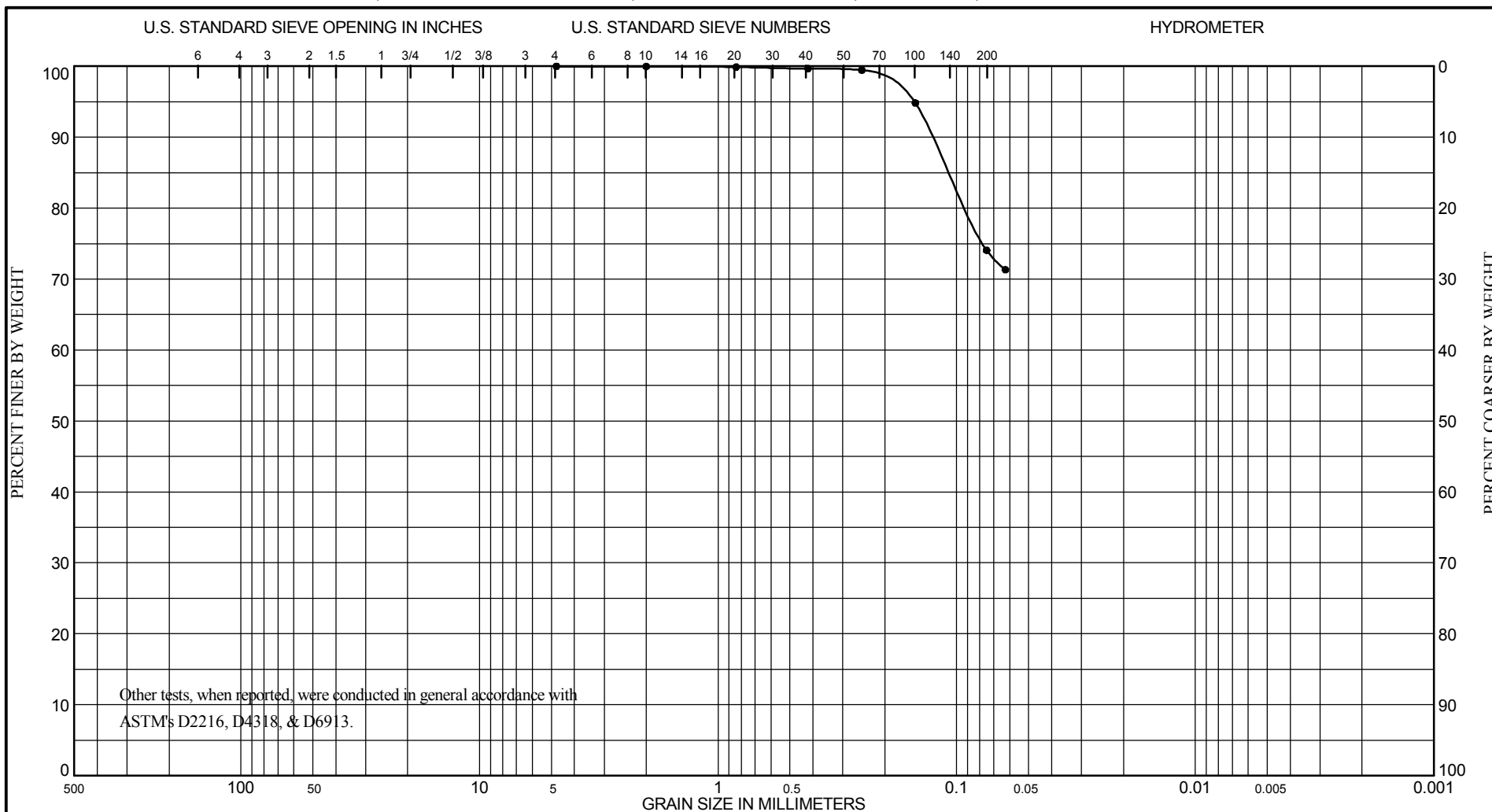
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
3	72.0 to 73.5	Dark Gray, Poorly Graded Silty Sand (SP-SM).	20.4				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3429
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							Date 11/27/13

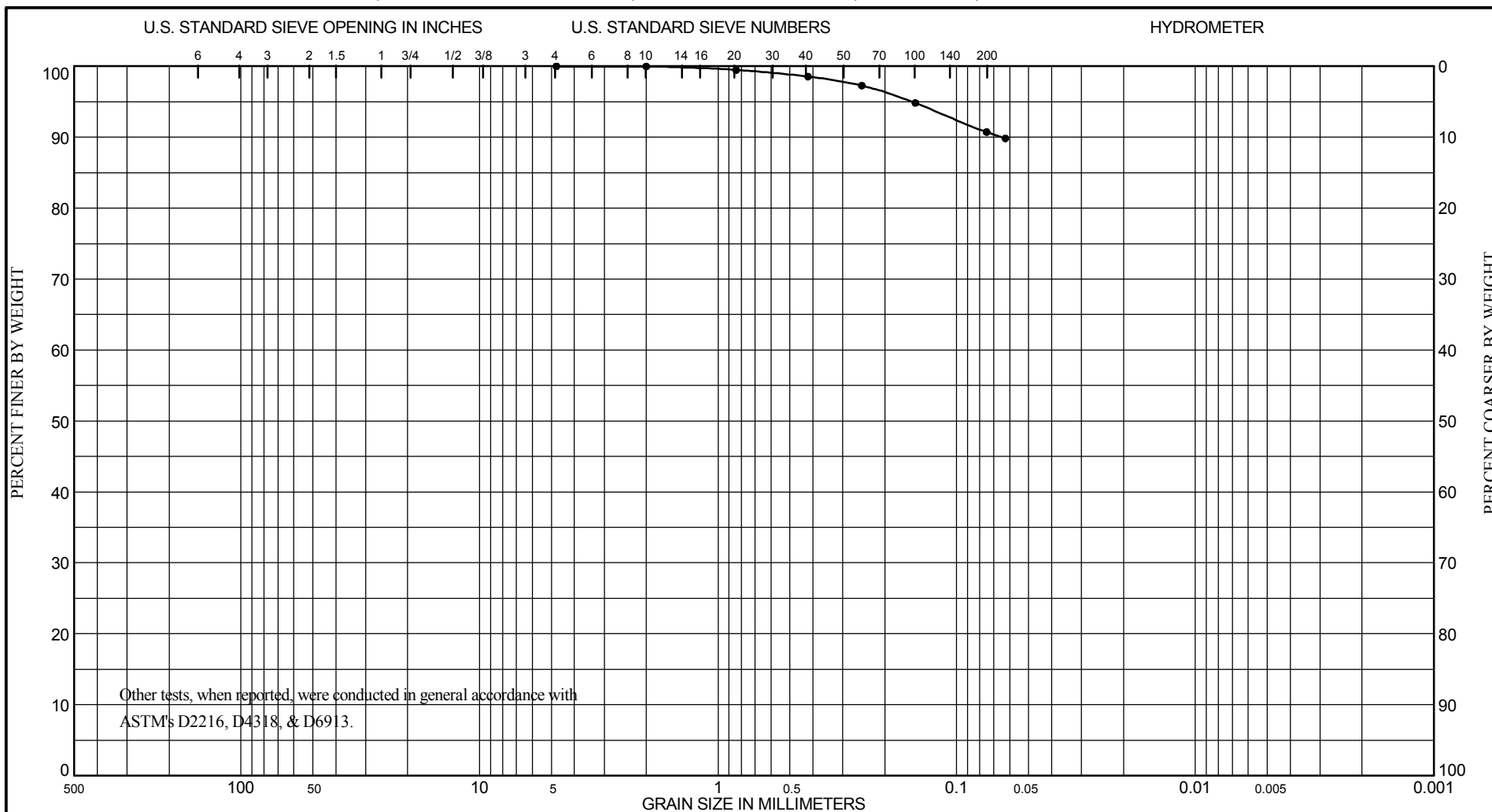
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
6	76.7 to 78.2	Very Dark Gray, Fat Clay (CH), with some sand.	65.4	78	25	53	Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3432
							Hole No. EC-13-B-22
							Date 11/27/13

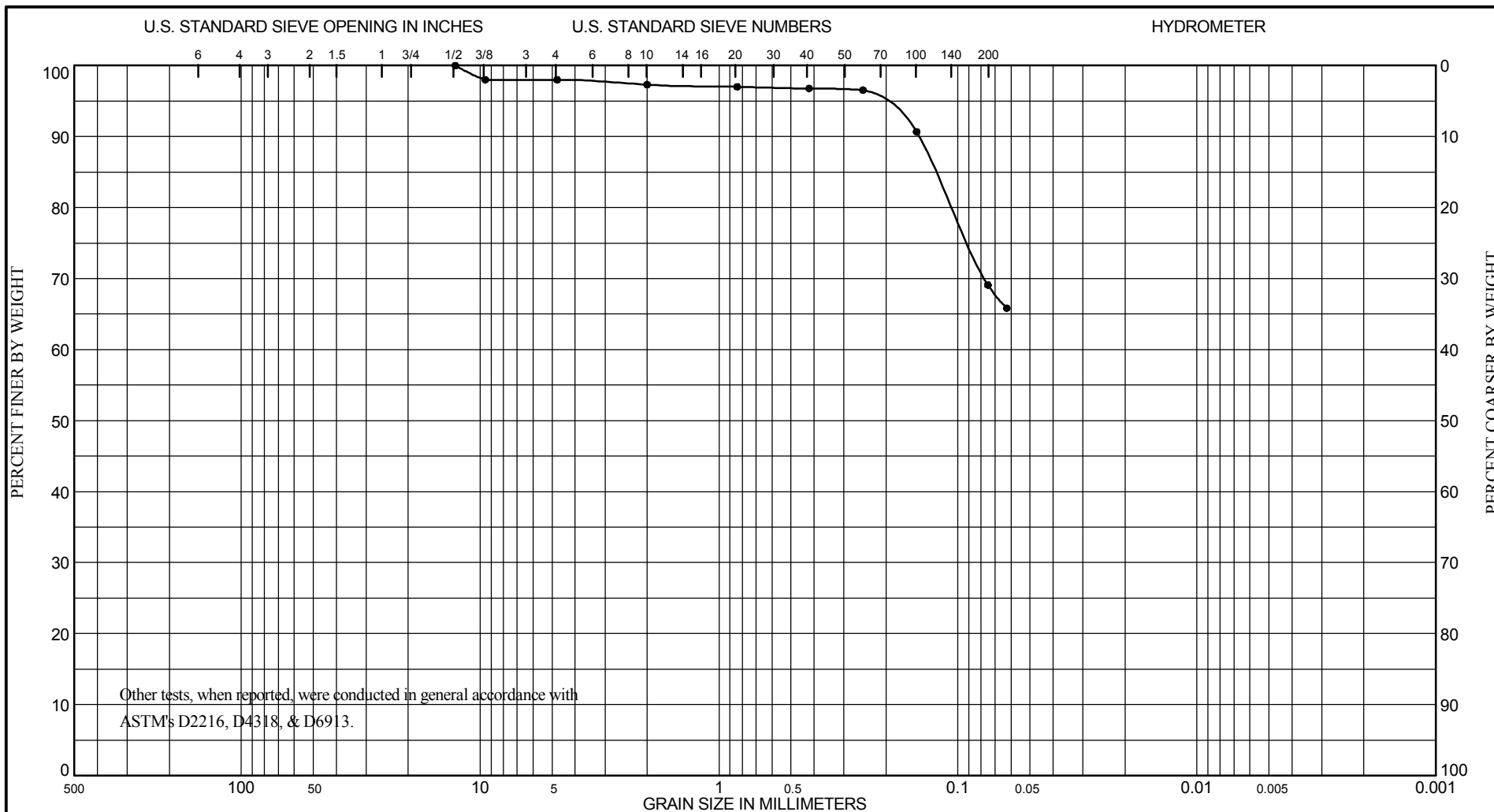
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
2	74.3 to 75.8	Very Dark Gray, Fat Clay (CH), with a trace of sand.	83.3	115	42	73	Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3435
							Hole No. EC-13-B-23
							Date 11/27/13

GRADATION CURVES

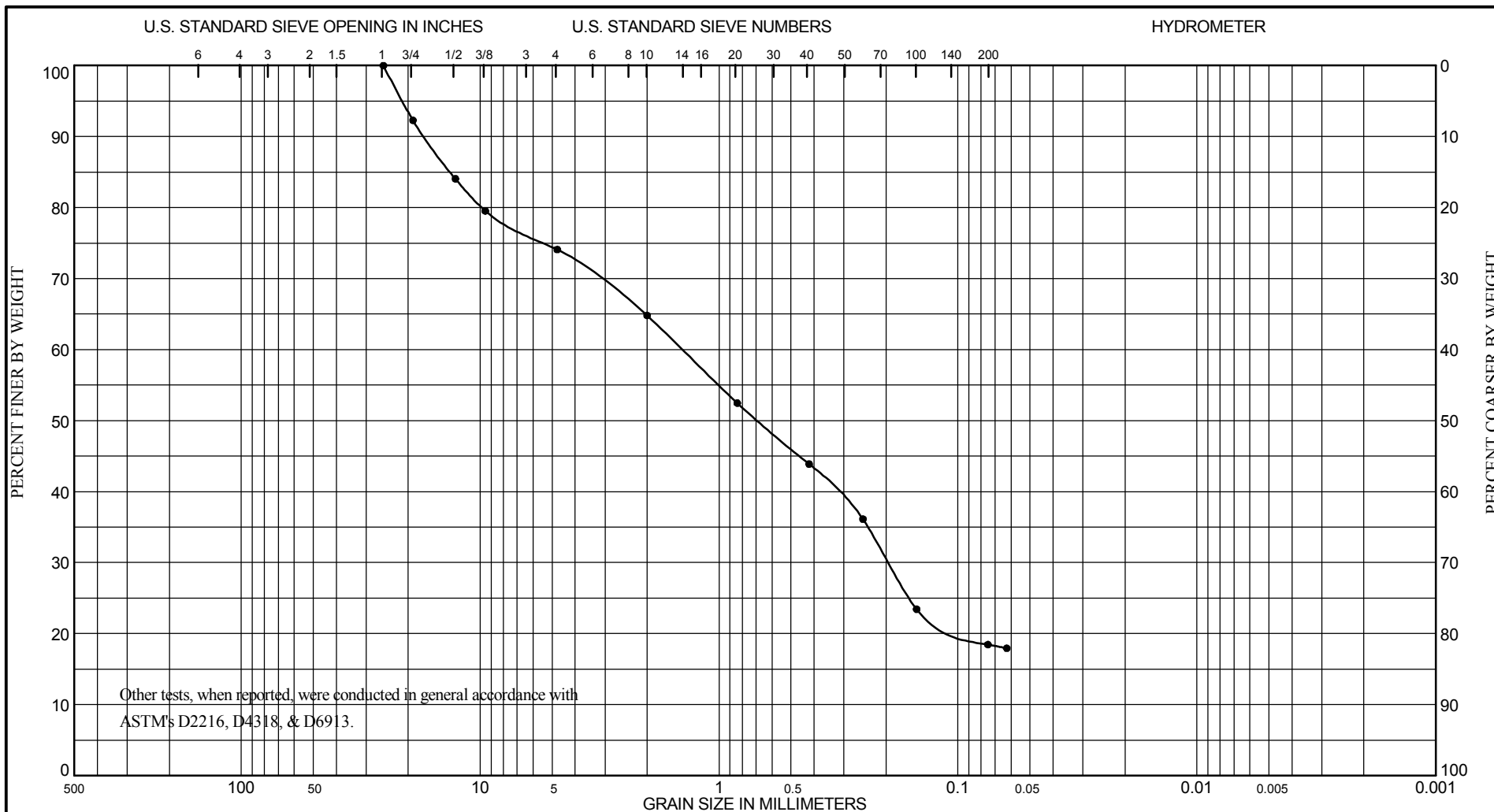


Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4	78.0 to 79.5	Gray, Fat Clay (CH), with some sand and a trace of gravel.	55.1	87	28	59	Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3437
							Hole No. EC-13-B-23
							Date 11/27/13

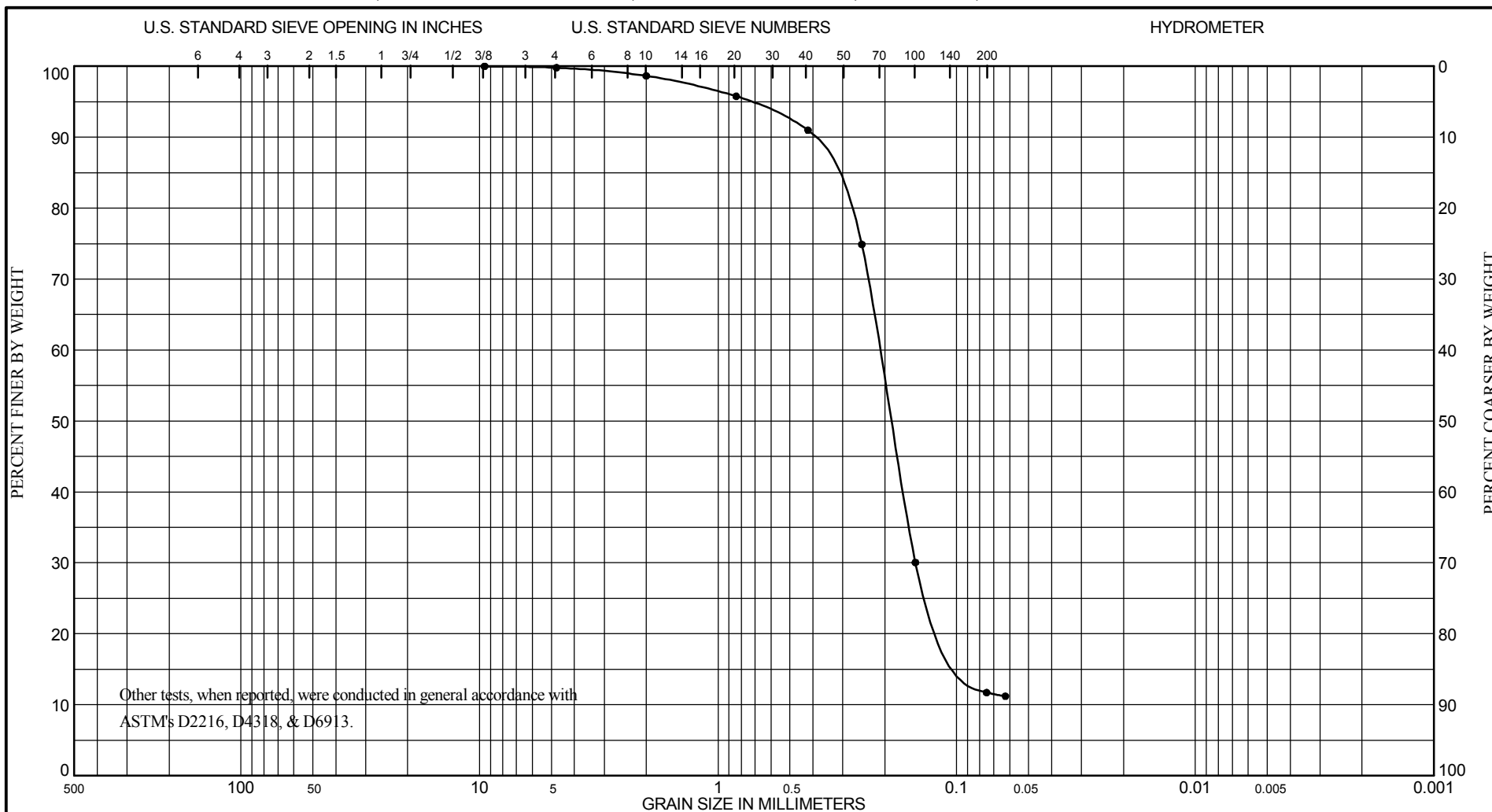
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	69.4 to 70.9	Gray, (Visual) Clayey Sand (SC), with some gravel.	32.8				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3438
							Hole No. EC-13-B-24
							Date 11/27/13

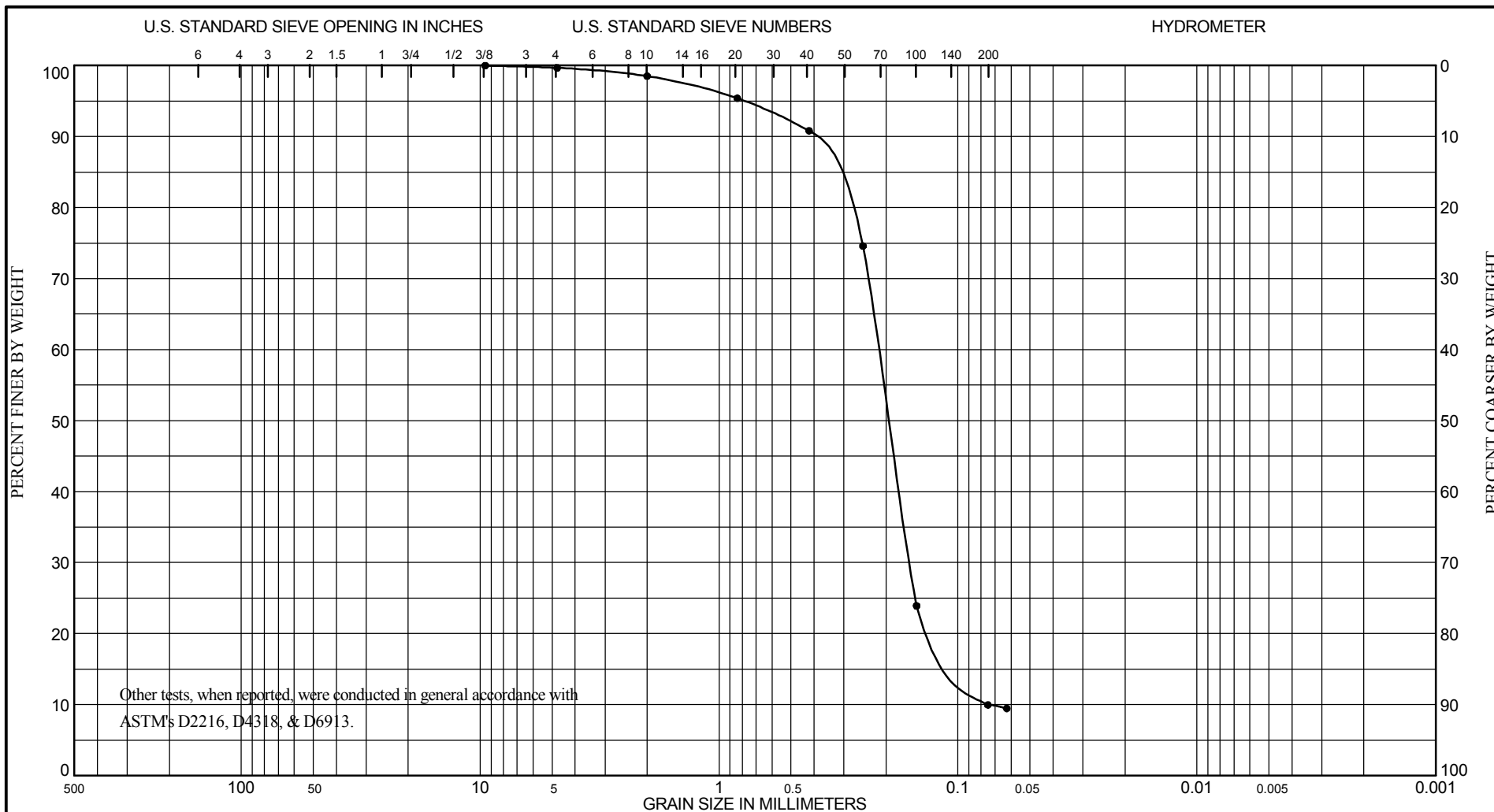
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	72.3 to 73.8	Dark Gray, Poorly Graded Silty Sand (SP-SM).	32.6				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3440
							Hole No. EC-13-B-27
							Date 11/27/13

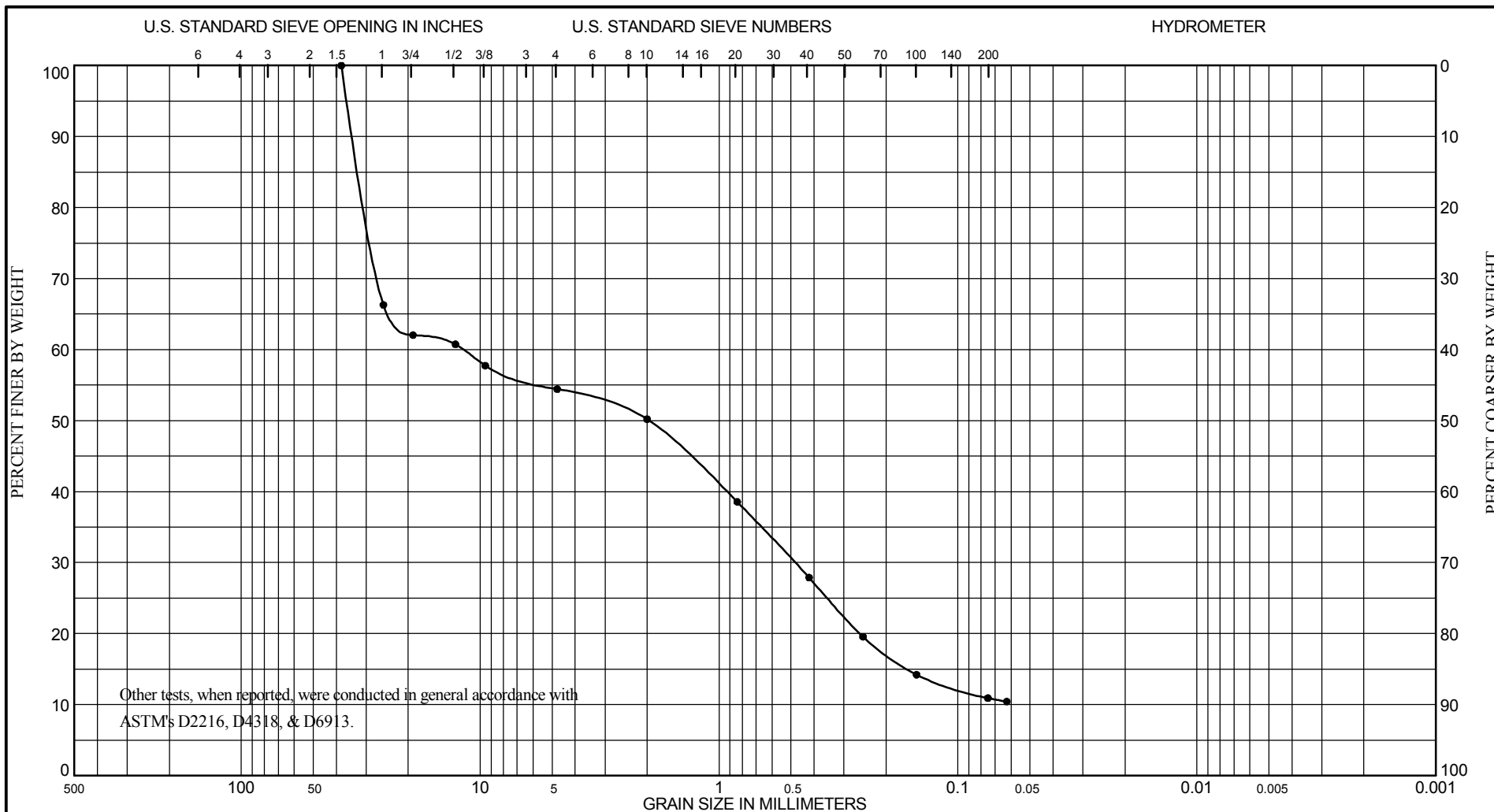
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
3	75.8 to 77.3	Dark Gray, Poorly Graded Silty Sand (SP-SM).	30.2				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3442
							Hole No. EC-13-B-27
							Date 11/27/13

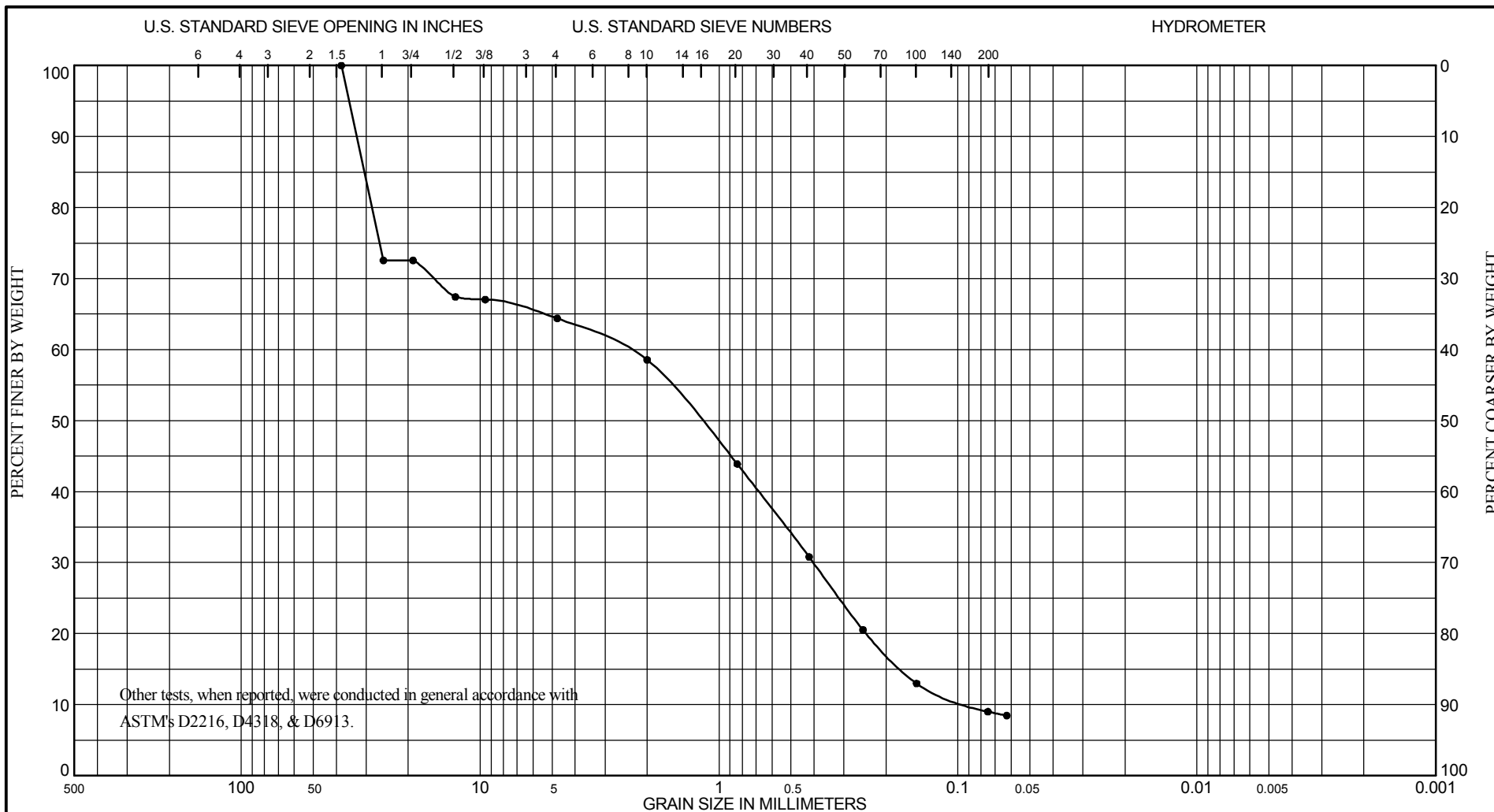
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	67.7 to 69.2	Gray & White, Gravelly Poorly Graded Silty Sand (SP-SM).	27.5				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3445
							Hole No. EC-13-B-28
							Date 11/27/13

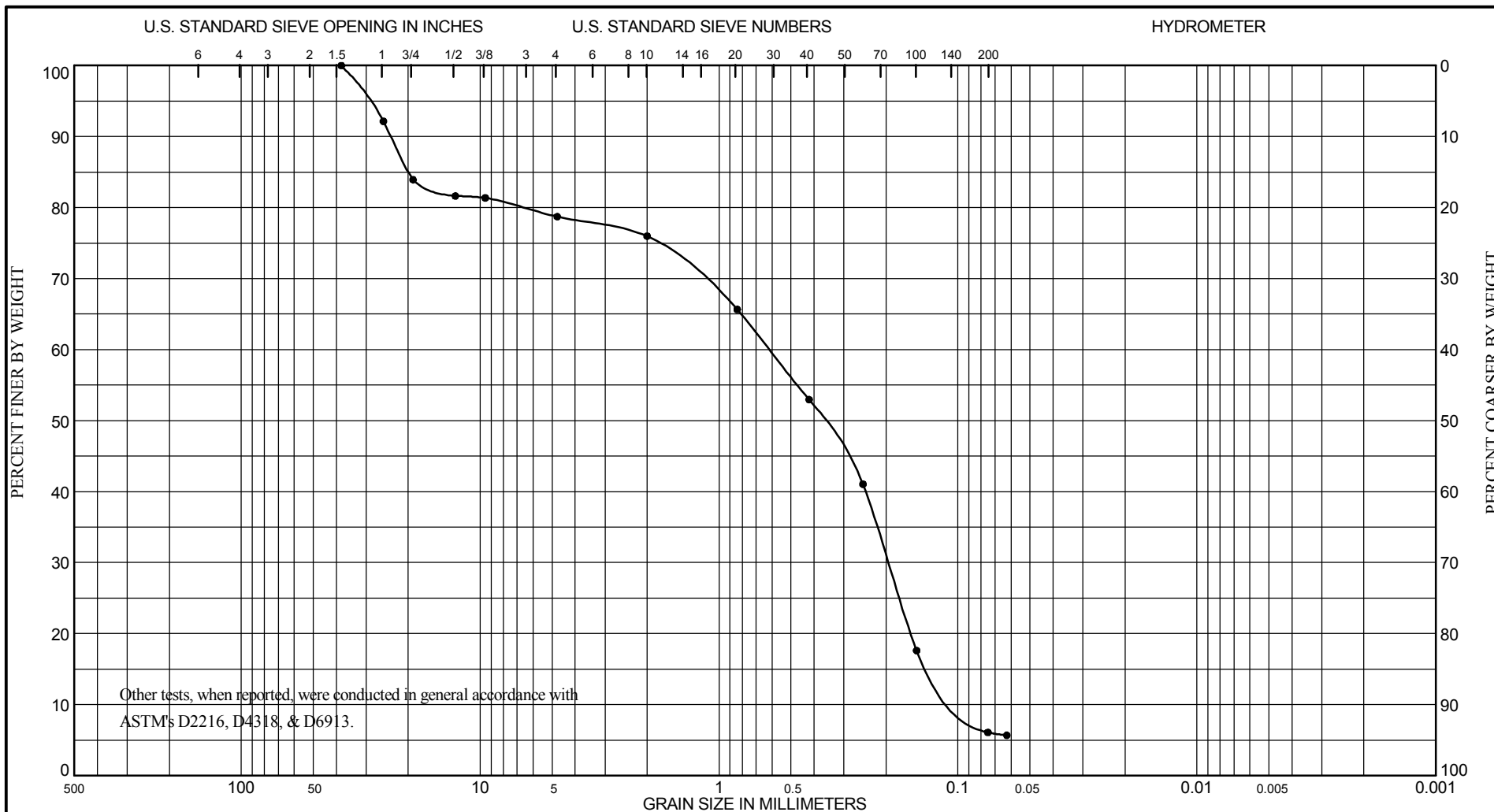
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	71.0 to 72.5	Dark Gray, Light Gray, & Pale Yellow, Sandy Silty Gravel (GM).	28.4				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3446
							Hole No. EC-13-B-32
							Date 11/27/13

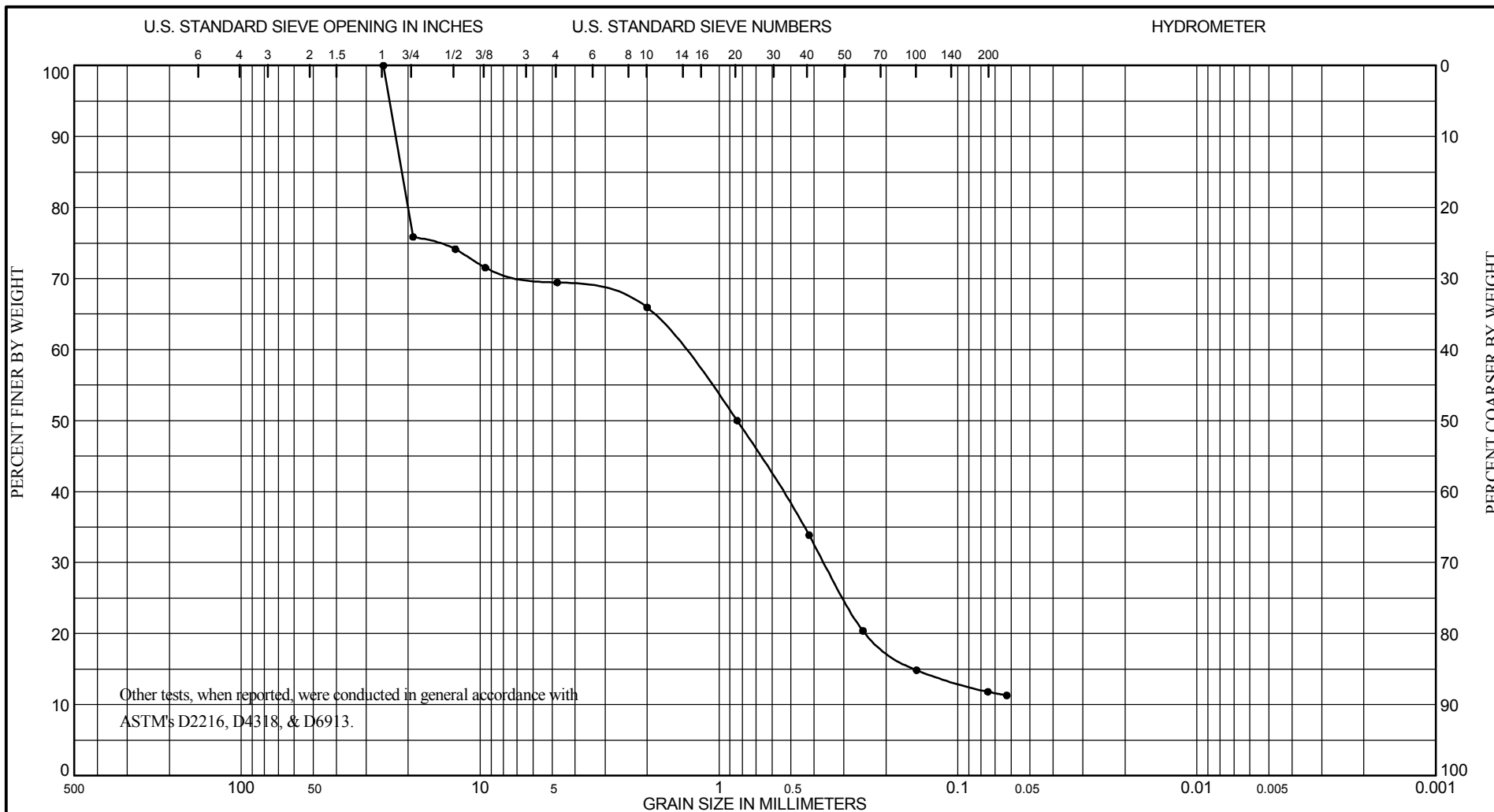
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	66.7 to 68.2	Light Brownish Gray & Gray, Silty Sand (SM), with some gravel.	25.3				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3447
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							Date 11/27/13

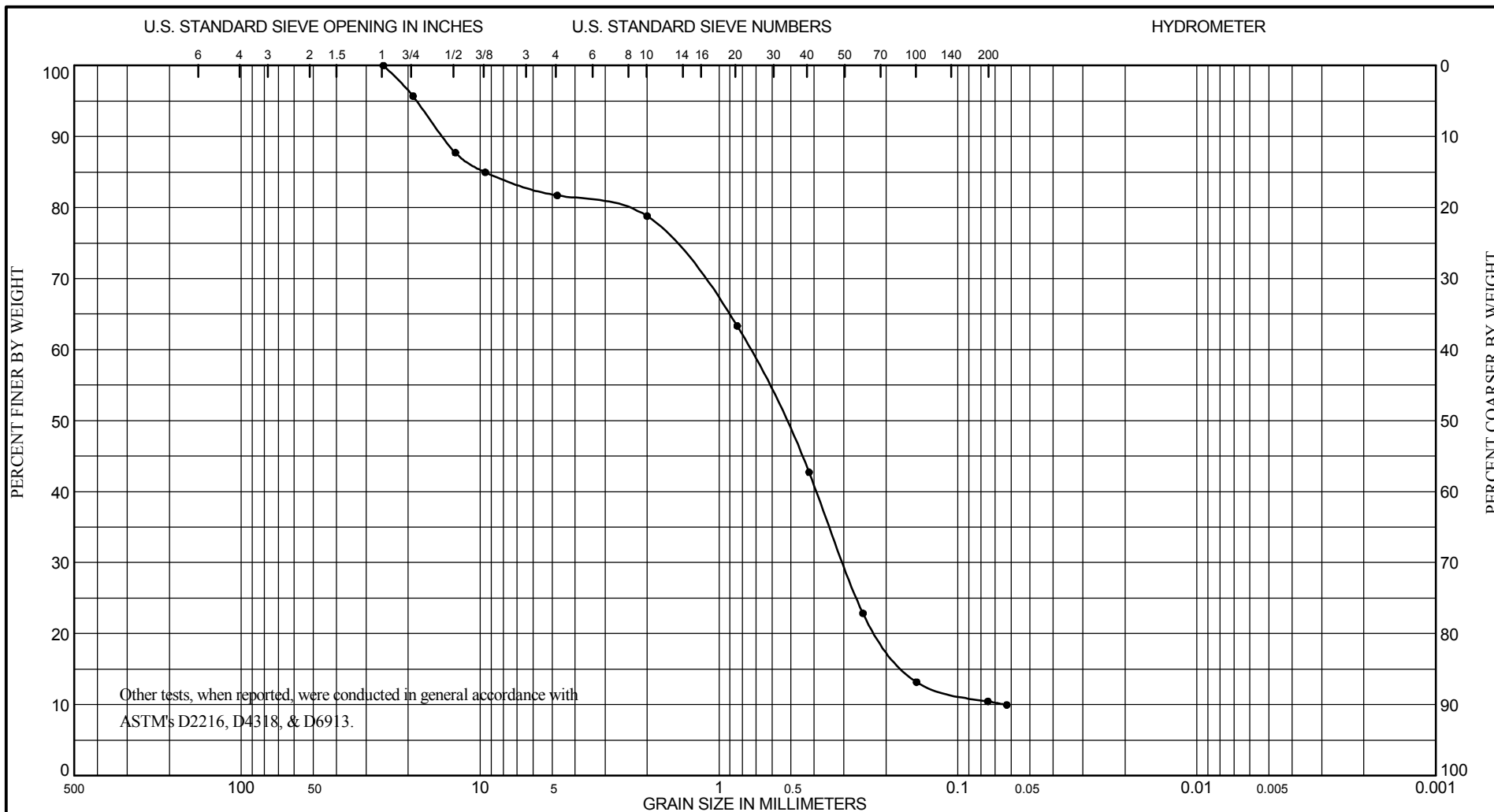
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487	Classification	Nat w%	LL	PL	PI	Project
2	72.6 to 74.1		Light Gray, Sandy Silty Gravel (GM).	26.3				Charleston Harbor Entrance Channel
								Soil & Rock Testing
								Lab No. K2/3449
								Hole No. EC-13-B-34
								Date 11/27/13

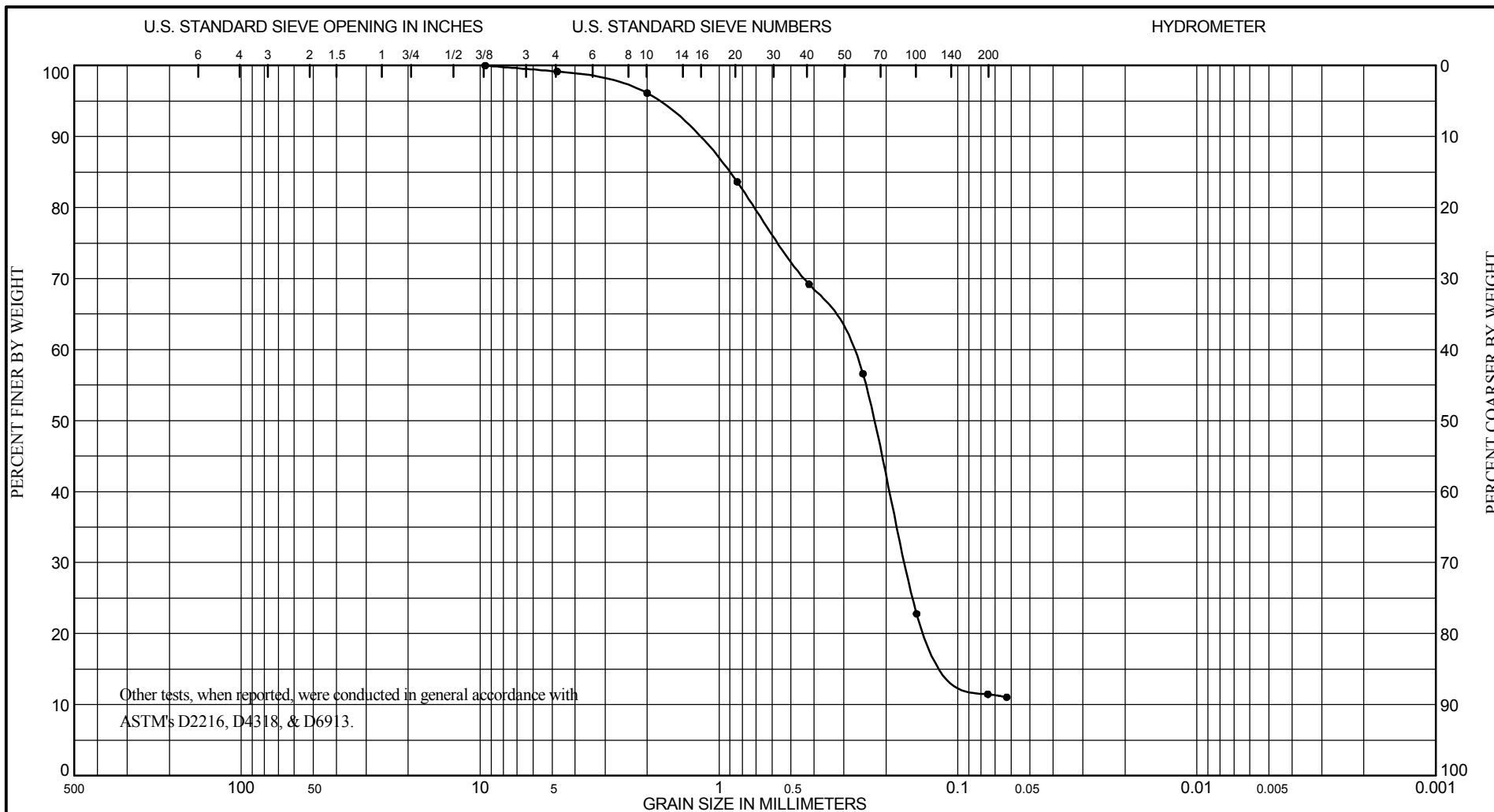
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	70.7 to 72.2	Light Gray, Poorly Graded Silty Sand (SP-SM), with a little gravel.	27.3				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3450
							Hole No. EC-13-B-35
							Date 11/27/13

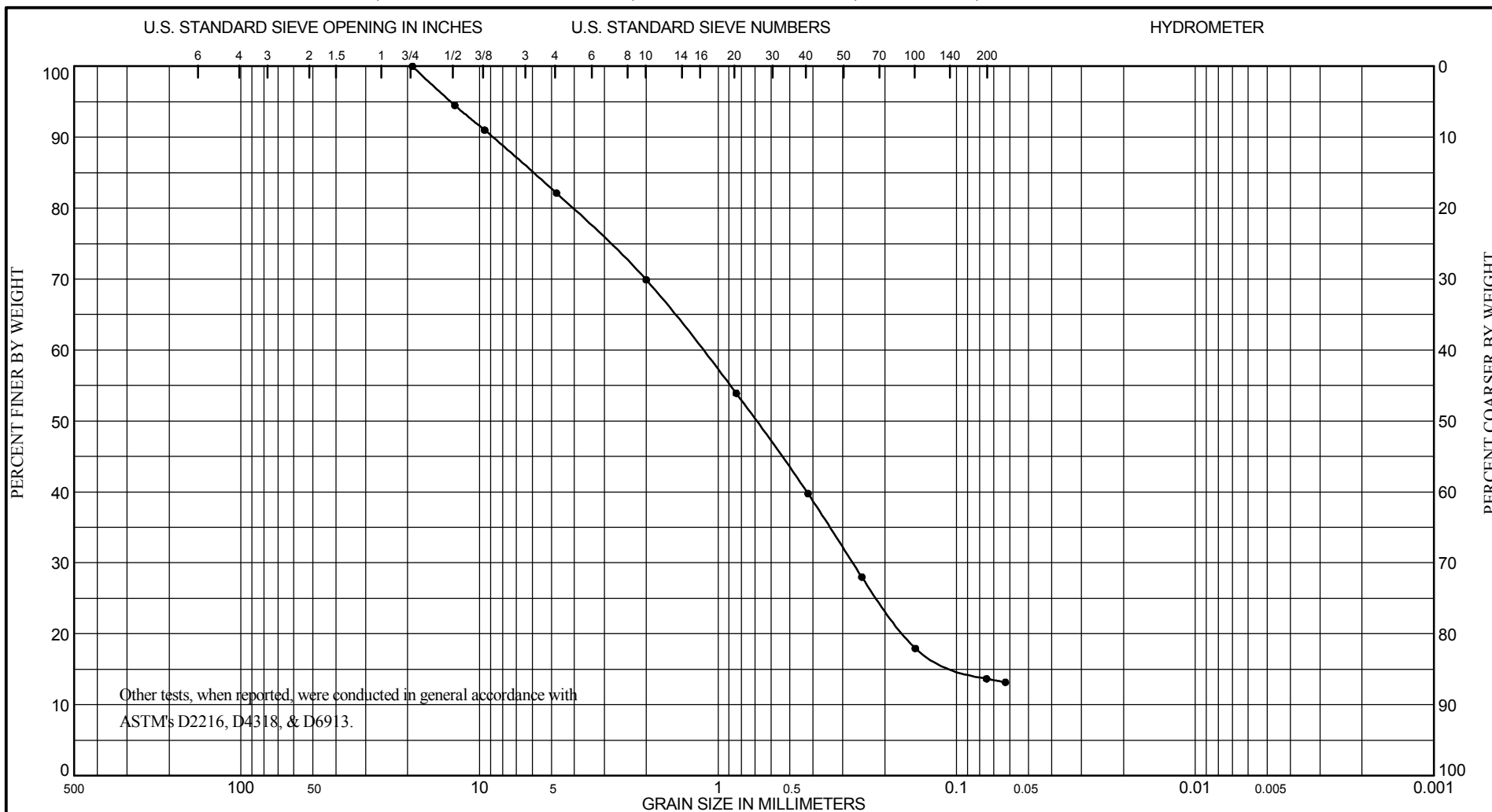
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	69.7 to 71.2	Light Brownish Gray & Black, Poorly Graded Silty Sand (SP-SM).	30.4				Charleston Harbor Entrance Channel
							Soil & Rock Testing
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							Date 11/27/13

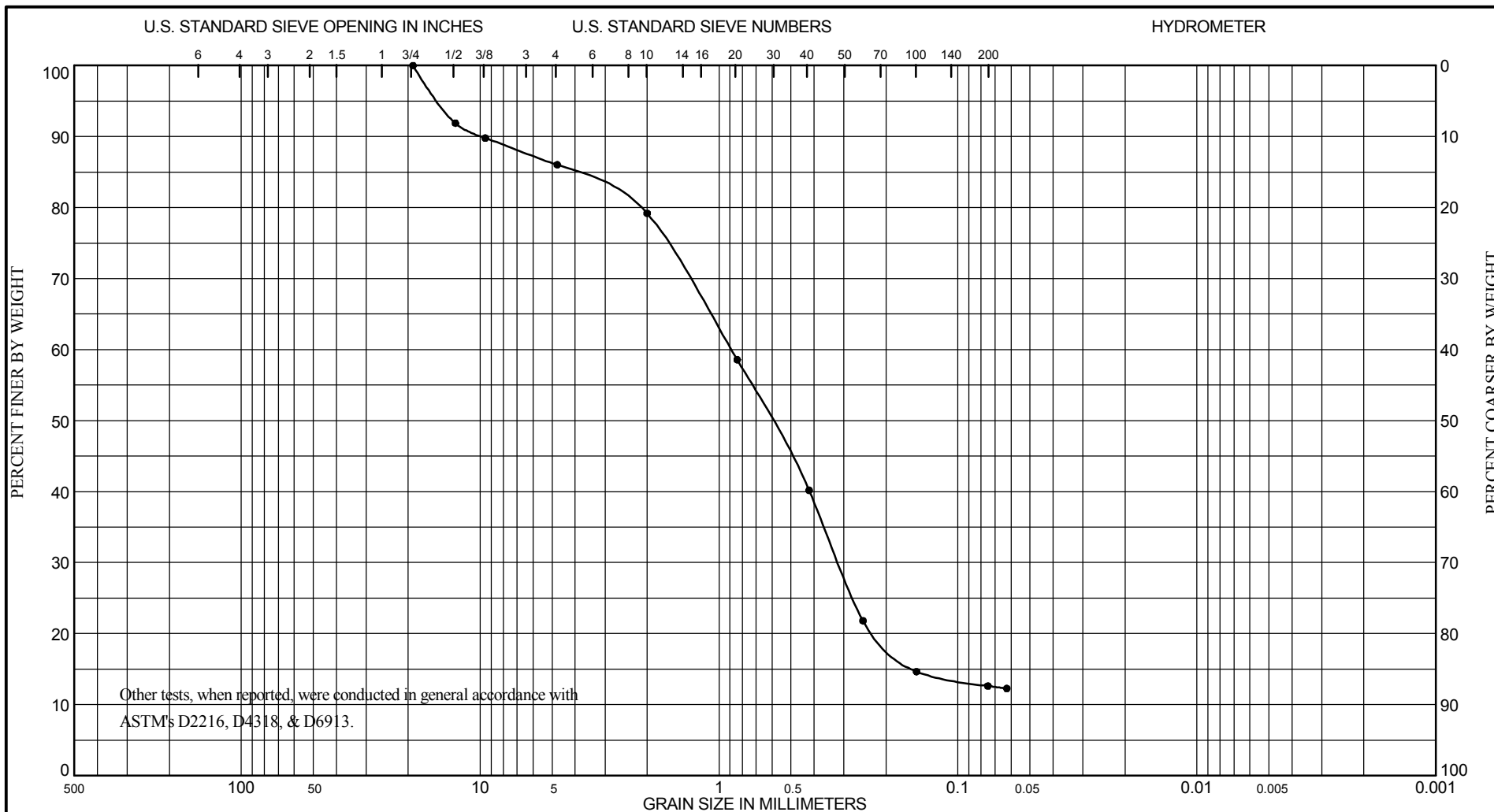
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	68.3 to 69.8	Gray, Silty Sand (SM), with a little gravel.	26.4				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3453
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							Date 11/27/13

GRADATION CURVES

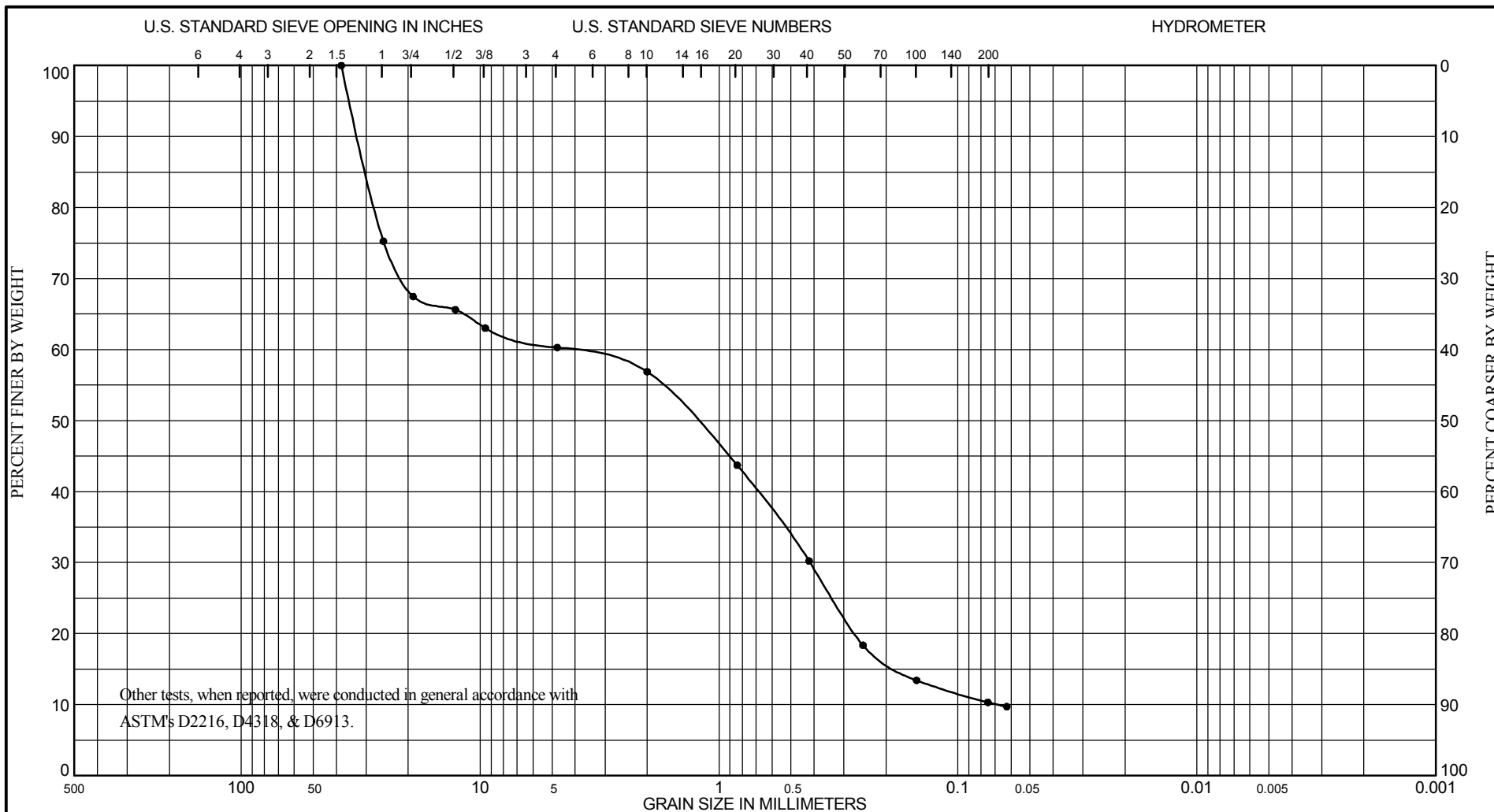


Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	71.7 to 73.2	Gray, Silty Sand (SM), with a little gravel.	31.1				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3454
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							Date 11/27/13

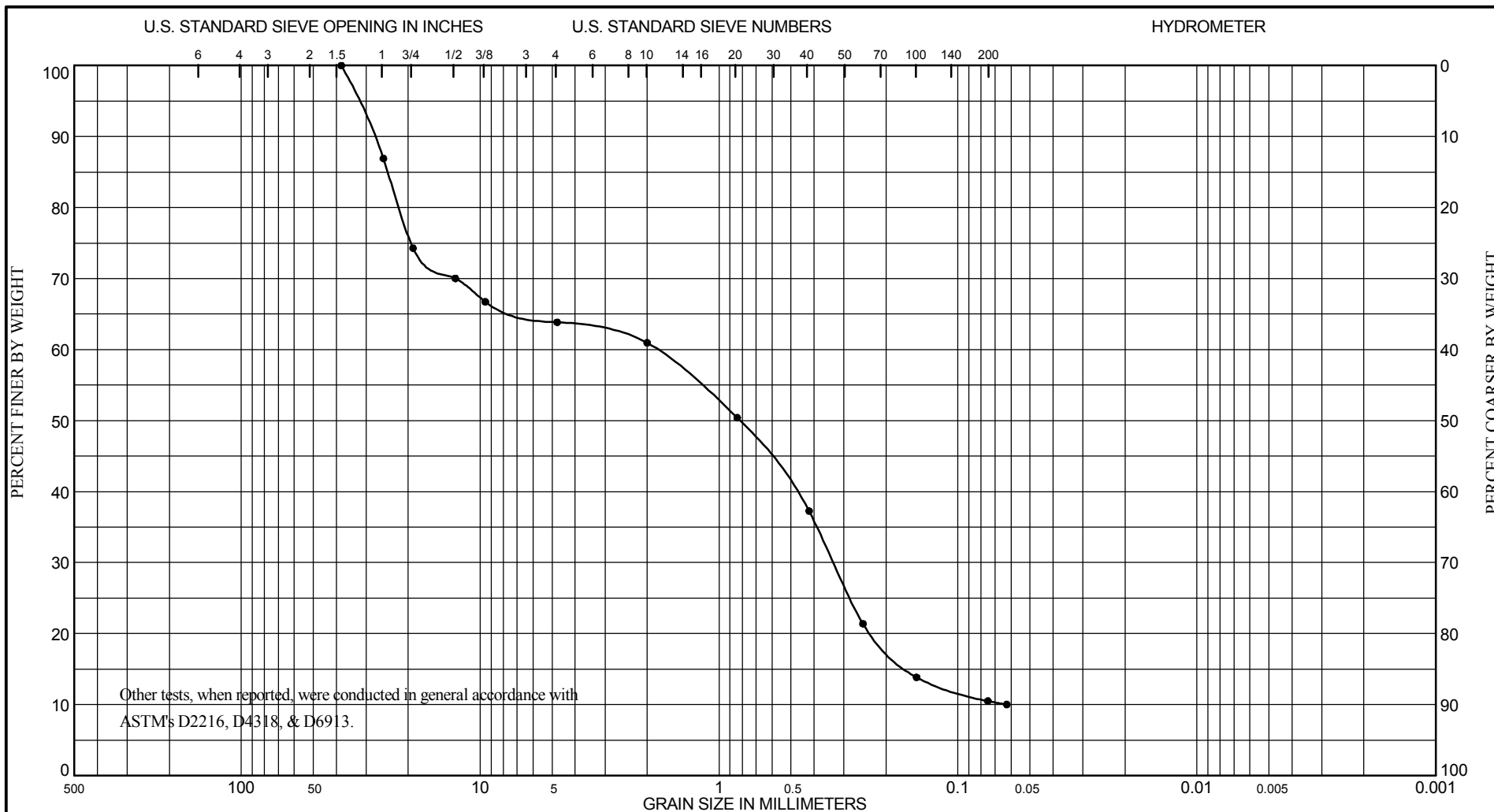
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487	Classification	Nat w%	LL	PL	PI	Project
1	69.7 to 71.2	Gray, Gravelly Poorly Graded Silty Sand (SP-SM).		27.5				Charleston Harbor Entrance Channel
								Soil & Rock Testing
								Lab No. K2/3455
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								Date 11/27/13

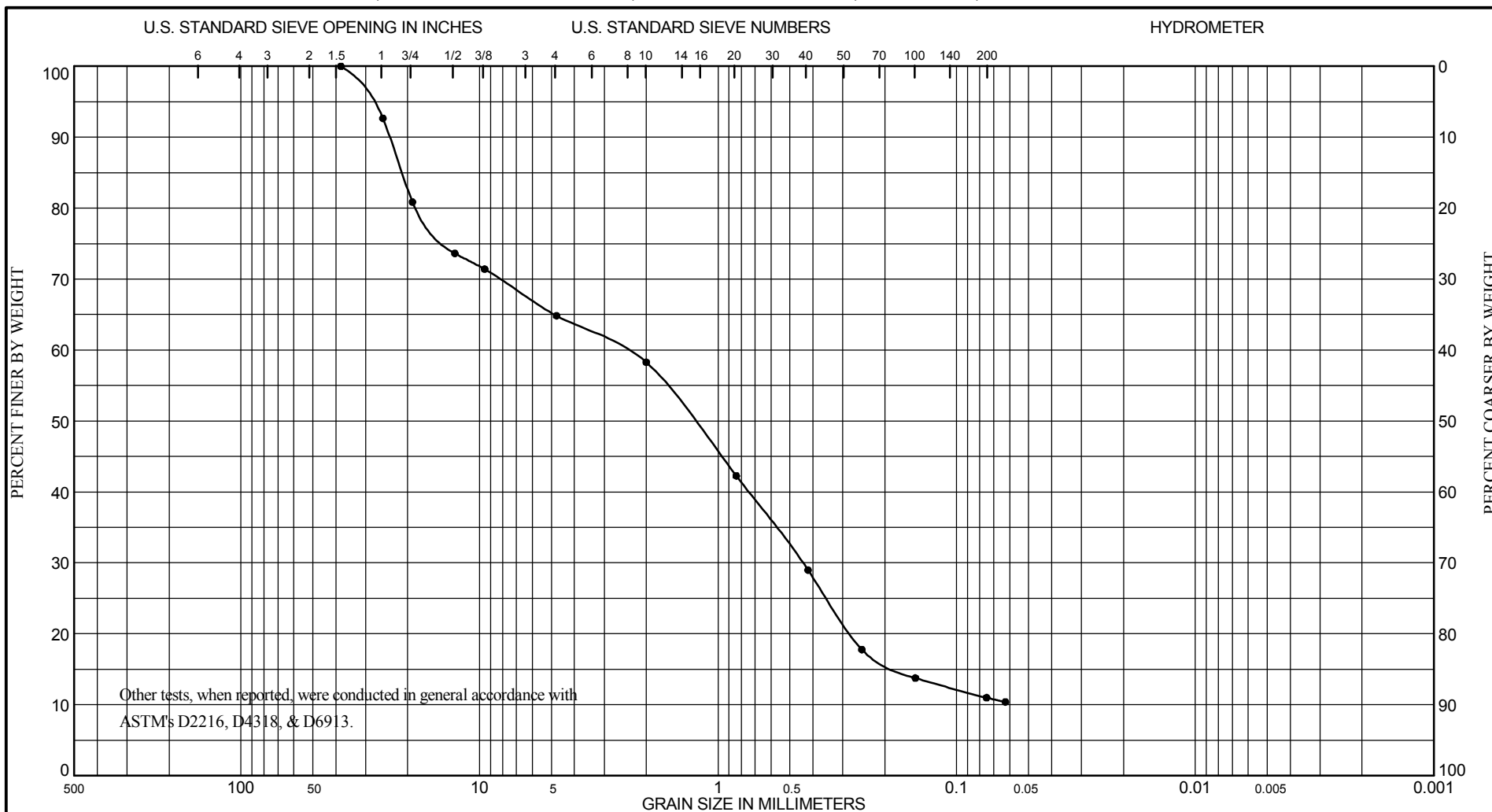
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487	Classification	Nat w%	LL	PL	PI	Project
1	71.4 to 72.9	Gray, Gravelly Poorly Graded Silty Sand (SP-SM).		21.7				Charleston Harbor Entrance Channel
								Soil & Rock Testing
								Lab No. K2/3456
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								Date 11/27/13

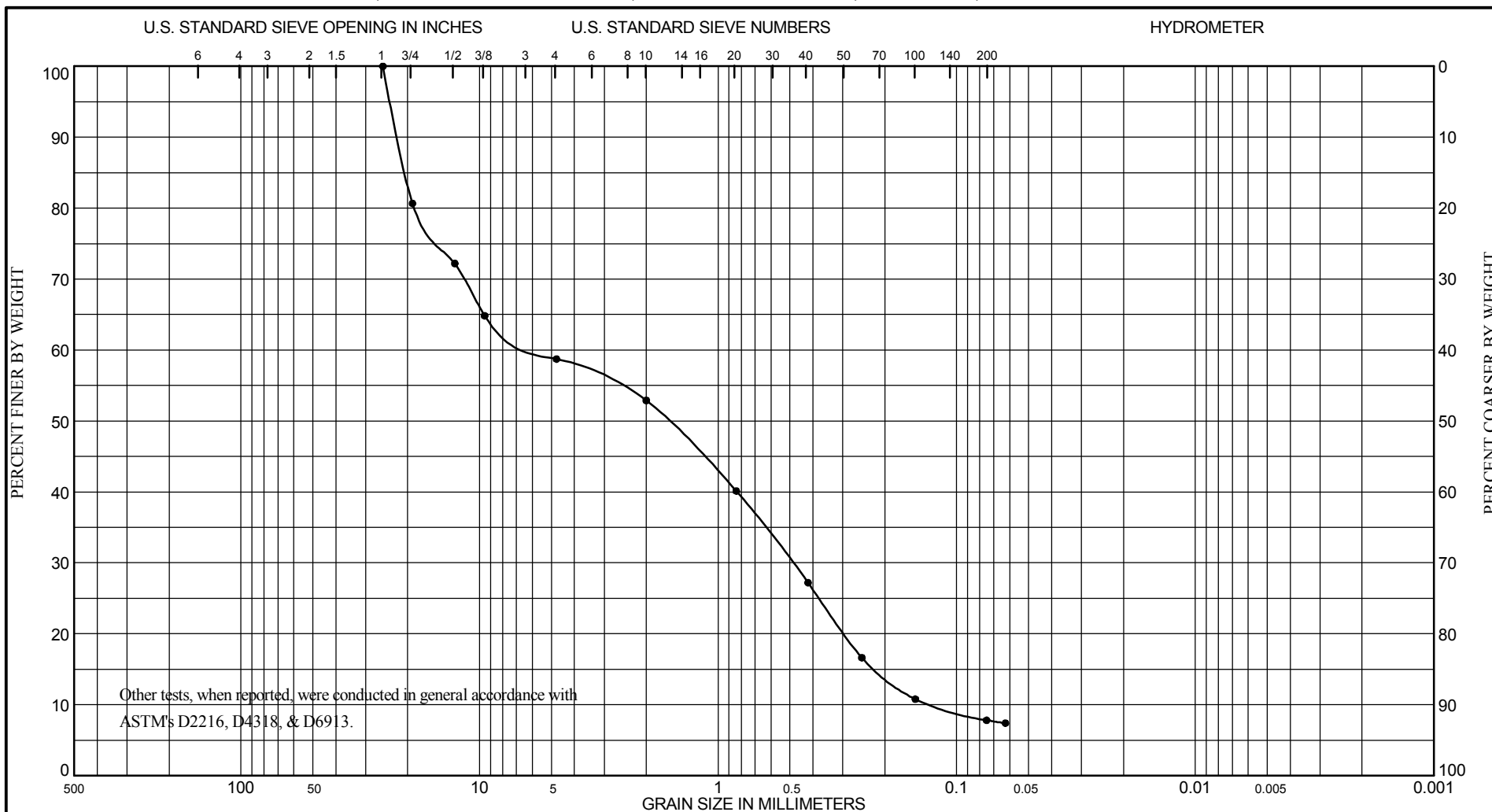
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487	Classification	Nat w%	LL	PL	PI	Project
1	69.2 to 70.7	Gray, Gravelly Poorly Graded Silty Sand (SP-SM).		29.4				Charleston Harbor Entrance Channel
								Soil & Rock Testing
								Lab No. K2/3457
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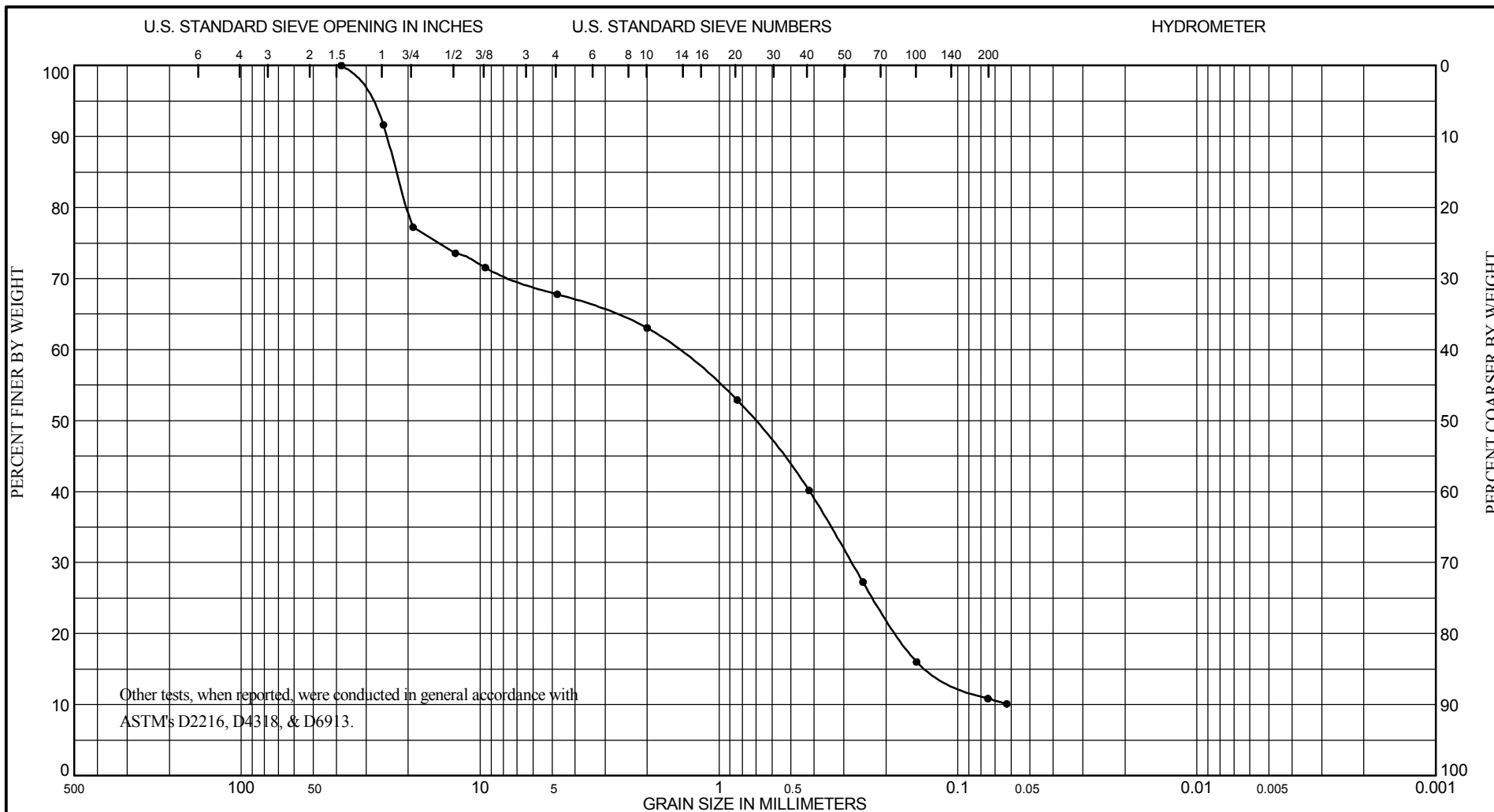
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	69.7 to 71.2	Gray, Gravelly Poorly Graded Silty Sand (SP-SM).	24.7				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3458
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							Date 11/27/13

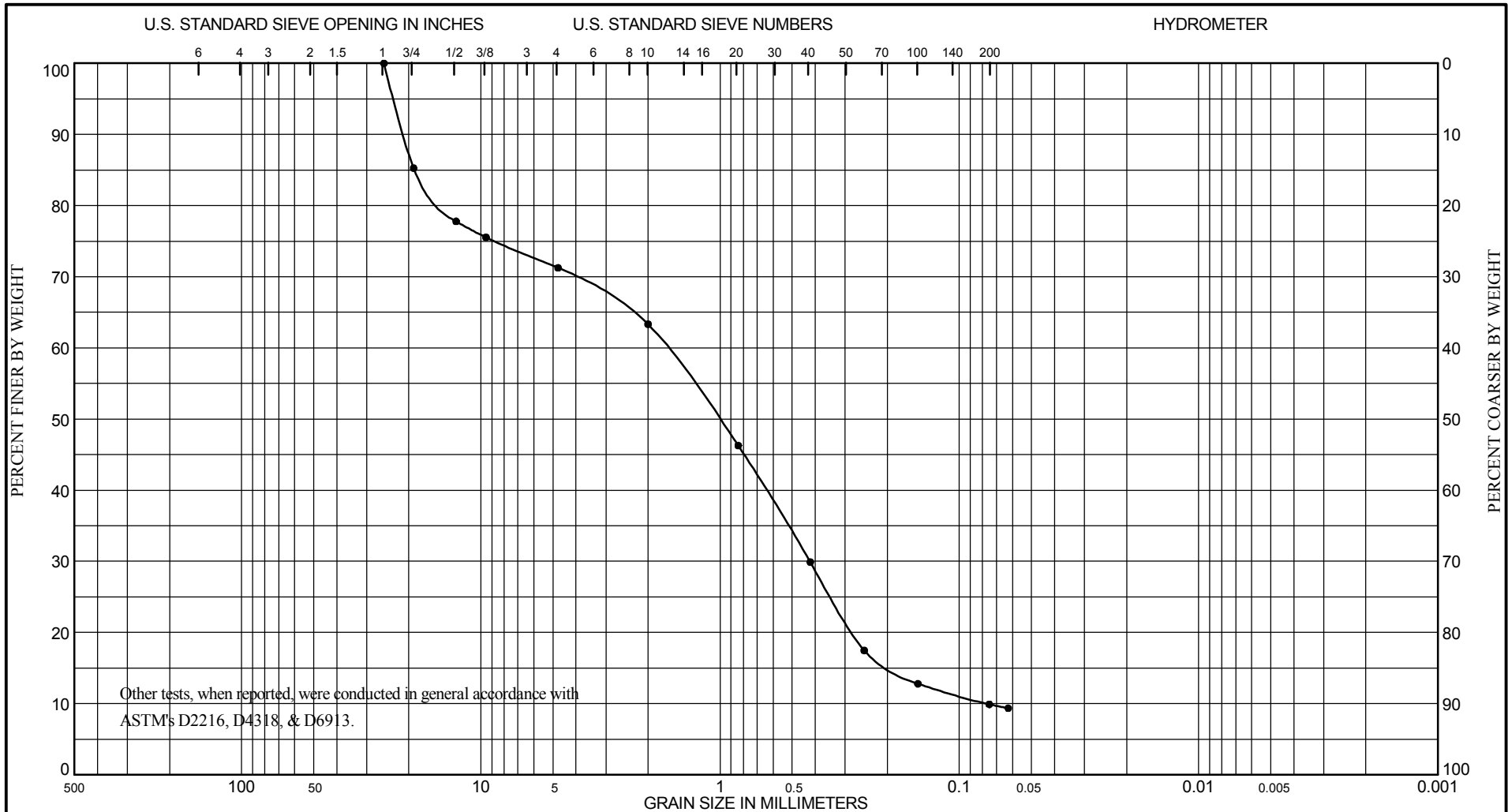
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	68.1 to 69.6	Gray, Poorly Graded Silty Sand (SP-SM), with some gravel.	21.4				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3459
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							Date 11/27/13

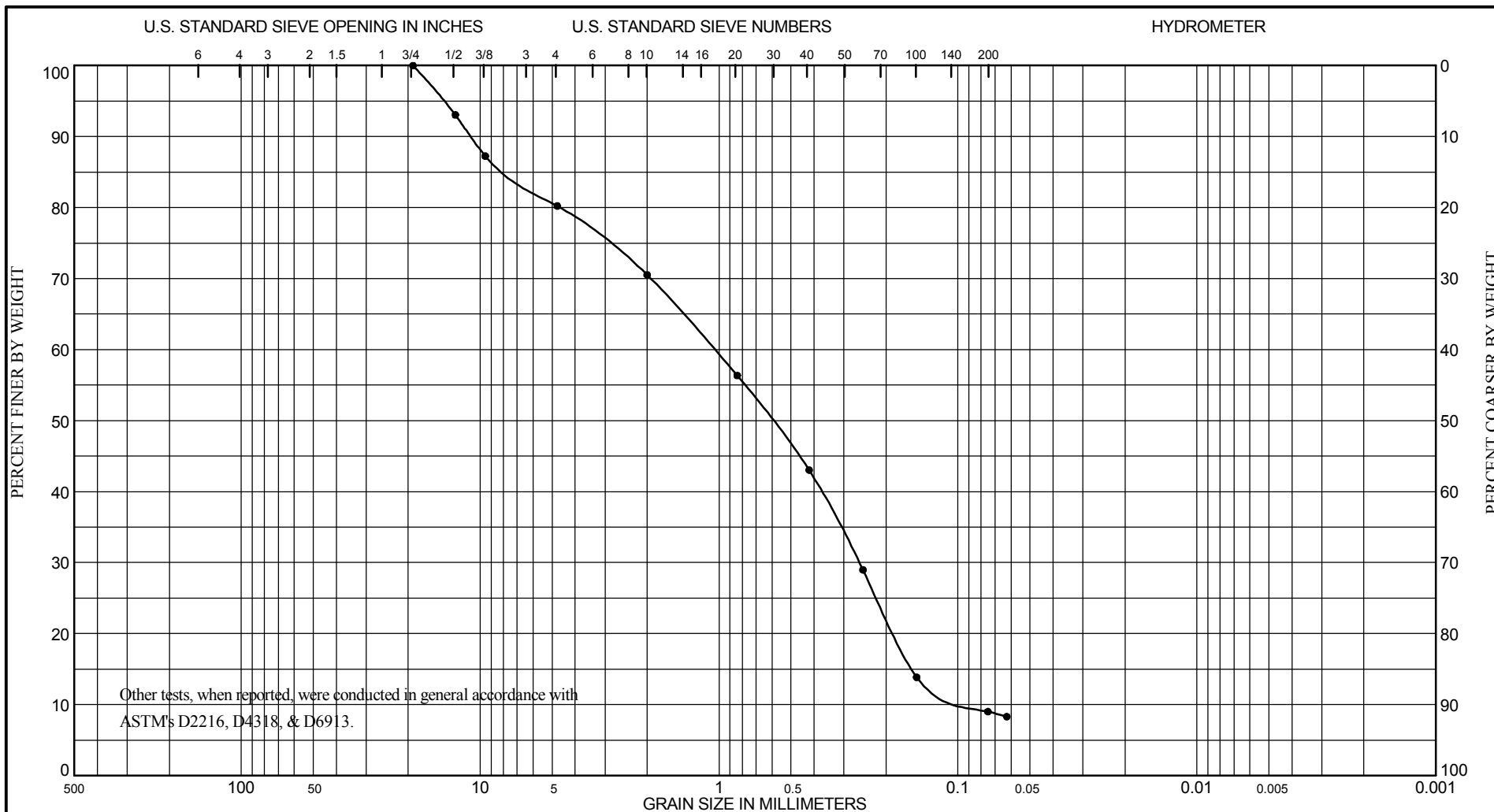
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
2	73.6 to 75.1	Dark Gray, Poorly Graded Silty Sand (SP-SM), with some gravel.	27.3				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3461
							Hole No. EC-13-B-44
							Date 11/27/13

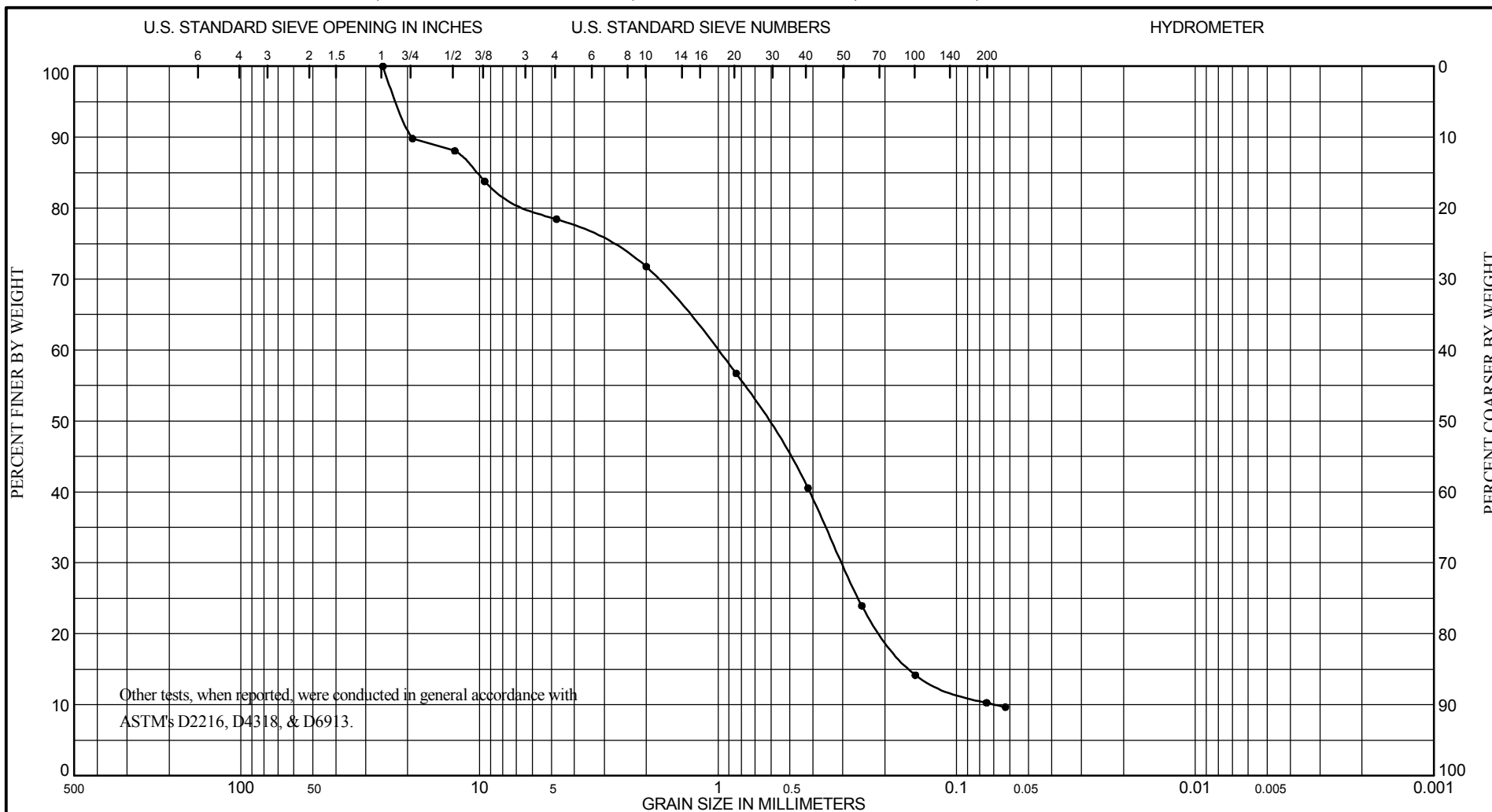
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	70.0 to 71.5	Grayish Brown, Poorly Graded Silty Sand (SP-SM), with a little gravel.	24.8				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3462
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							Date 11/27/13

GRADATION CURVES

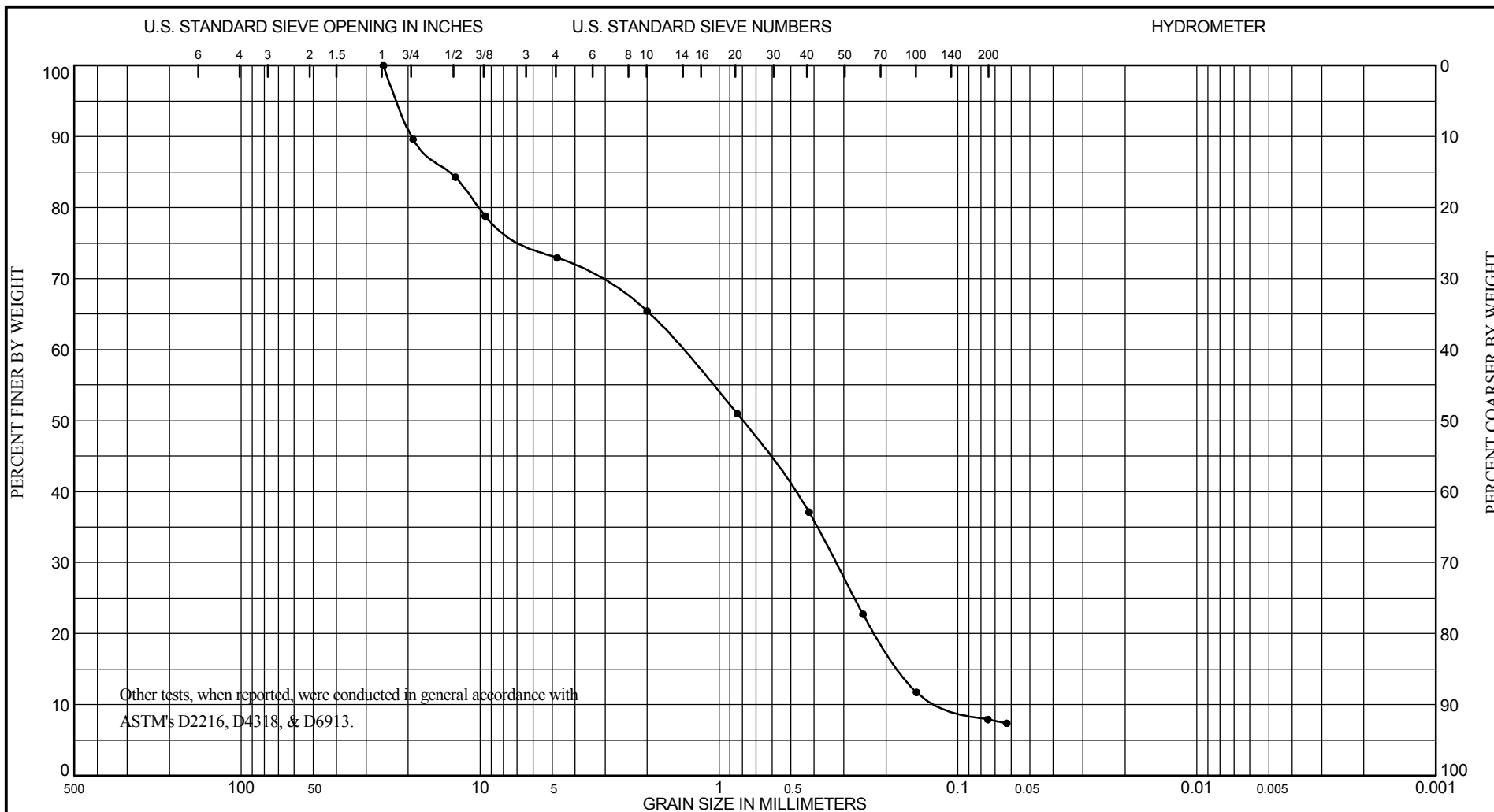


Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	72.8 to 74.1	Dark Gray & Pale Yellow, Poorly Graded Silty Sand (SP-SM), with some gravel.	25.4				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3463
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							Date 11/27/13

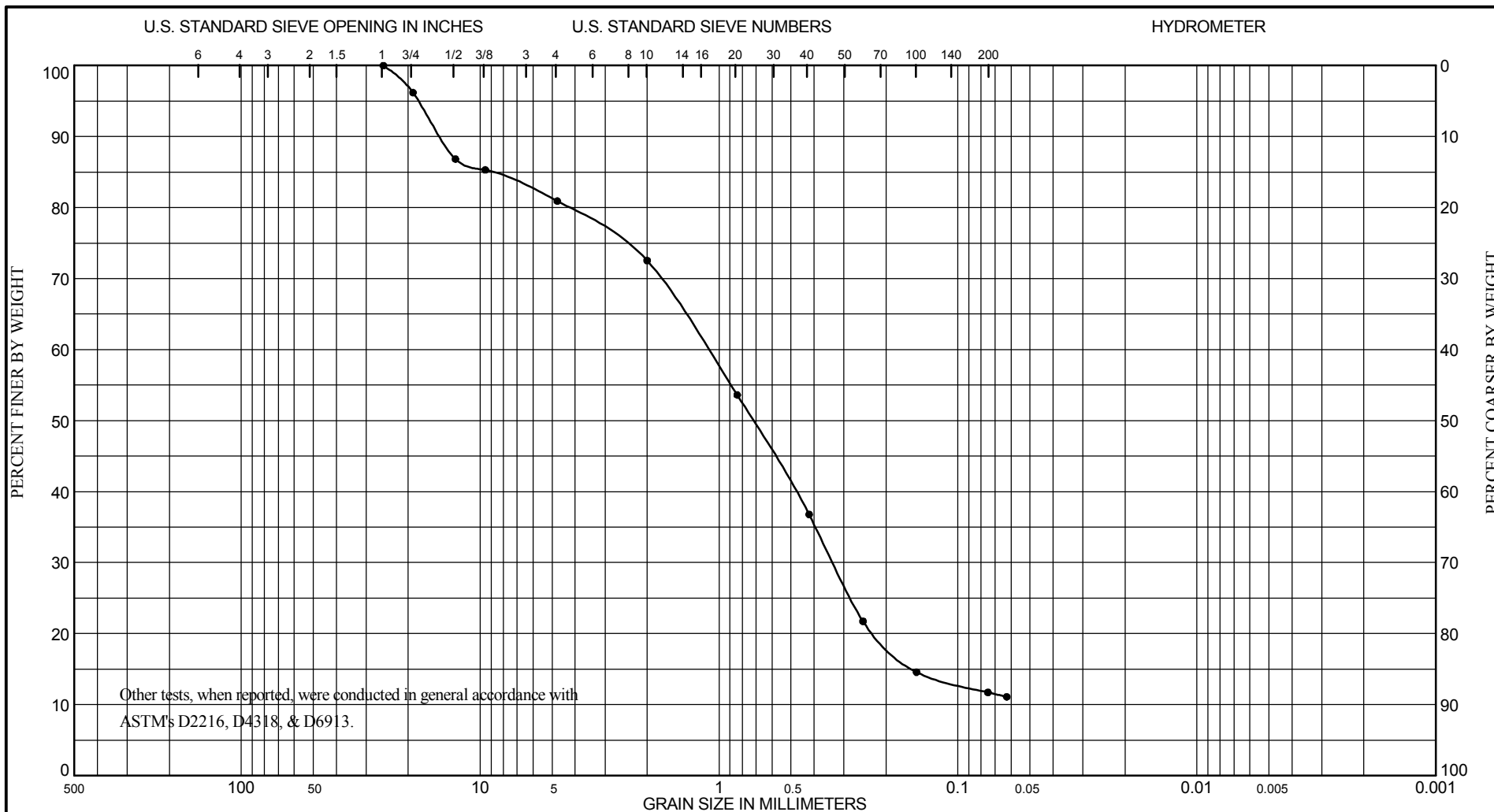
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	71.6 to 73.1	Light Brownish Gray, Poorly Graded Silty Sand (SP-SM), with some gravel.	27.1				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3465
							Hole No. EC-13-B-47
							Date 11/27/13

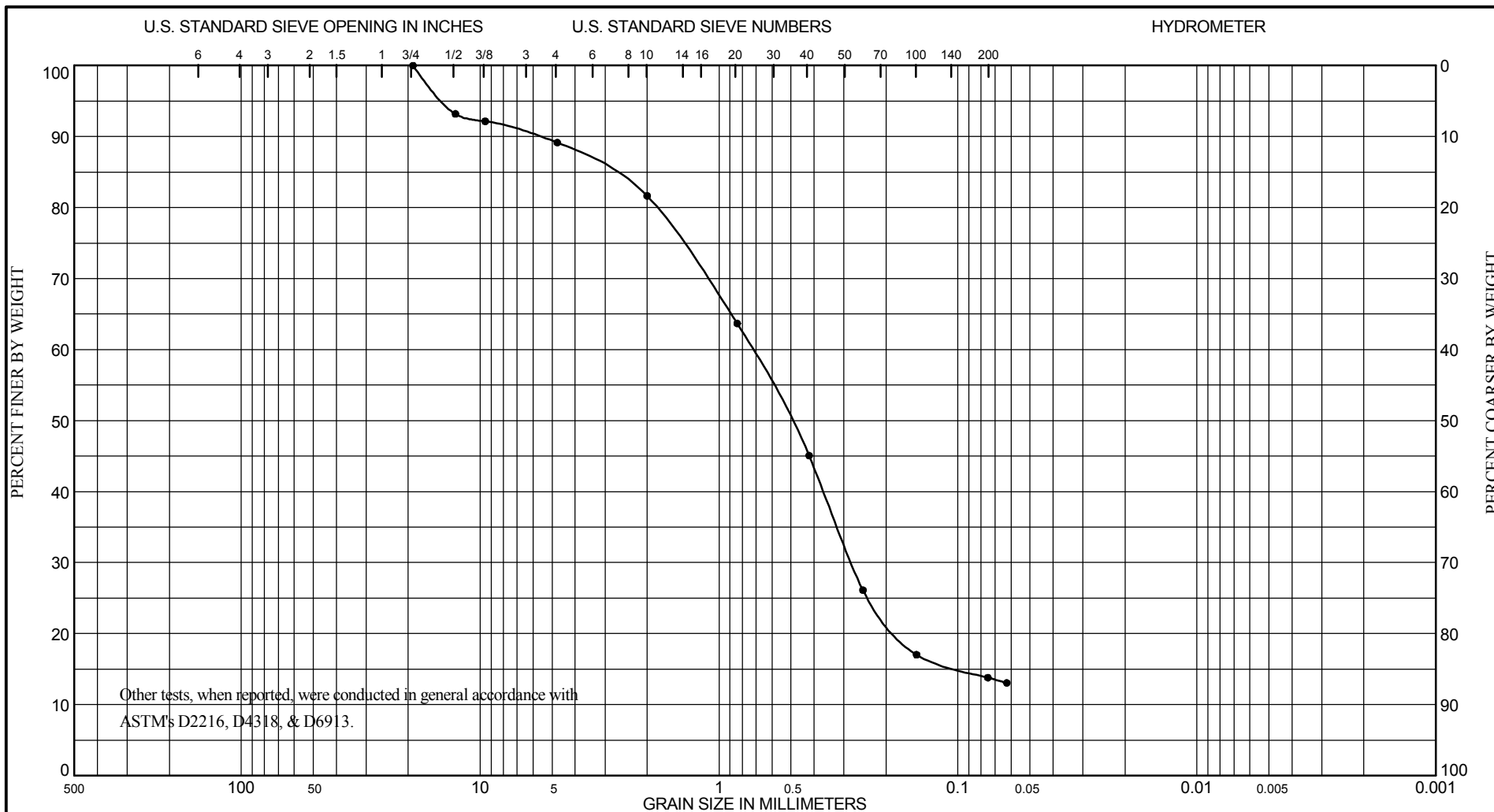
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

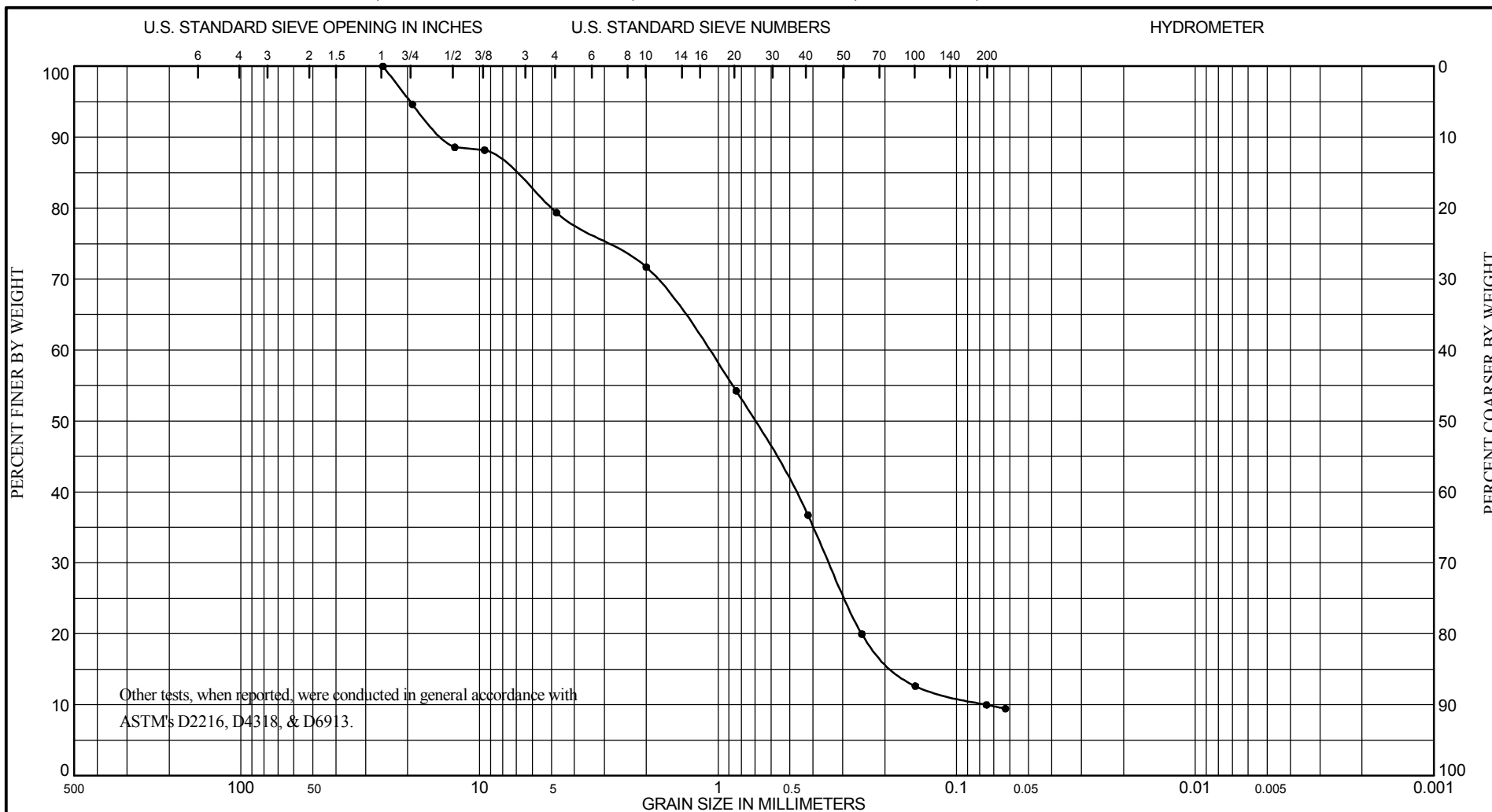
Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	69.5 to 71.0	Light Brownish Gray, Poorly Graded Silty Sand (SP-SM), with a little gravel.	29.5				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3467
							Hole No. EC-13-B-48
							Date 11/27/13

GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

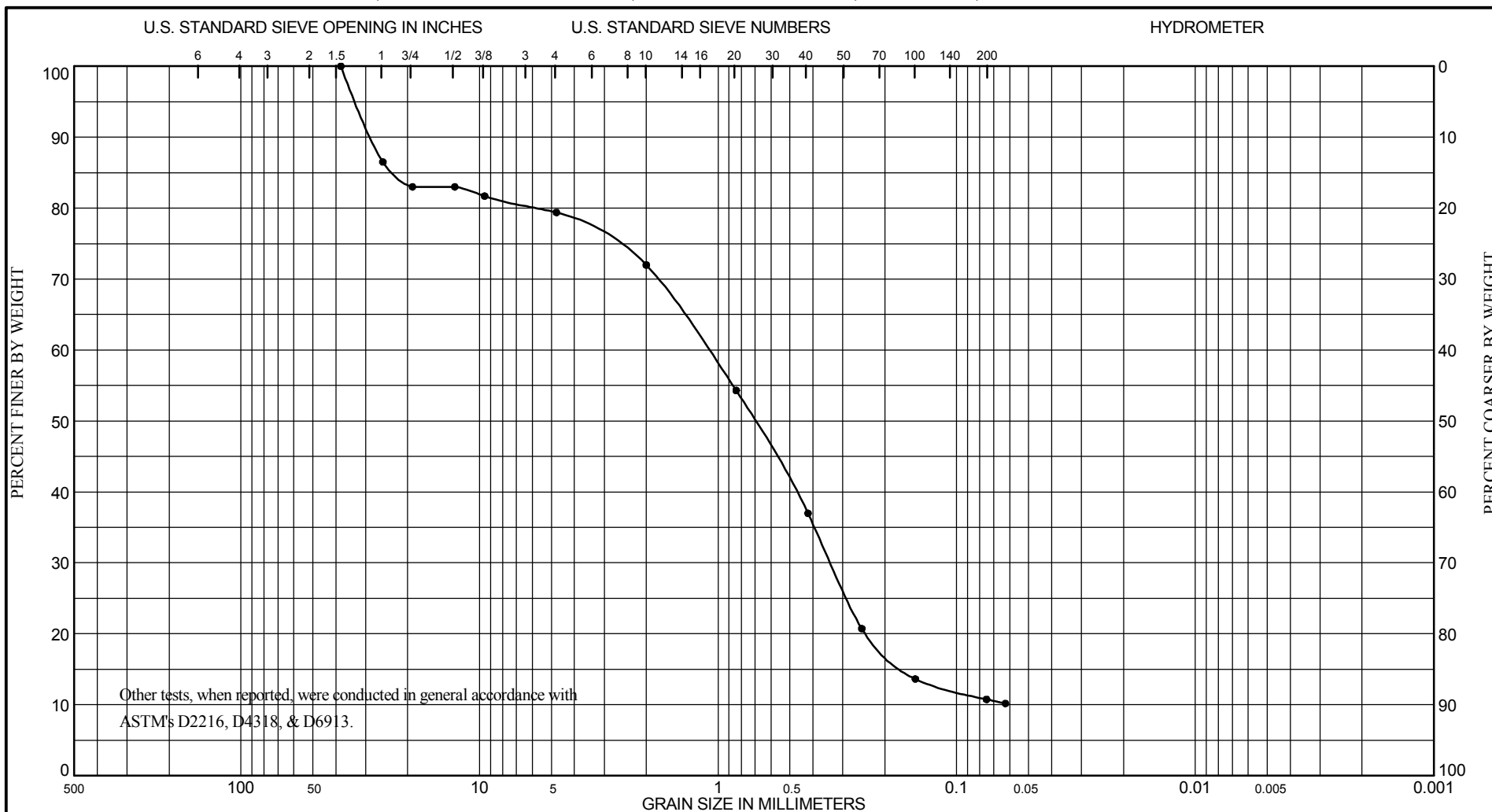
Sample No.	Depth (ft)	ASTM D2487	Classification	Nat w%	LL	PL	PI	Project
2	71.0 to 72.5		Light Gray & Gray, Silty Sand (SM), with a little gravel.	24.8				Charleston Harbor Entrance Channel
								Soil & Rock Testing
								Lab No. K2/3468
								Hole No. EC-13-B-48
GRADATION CURVES								Date 11/27/13



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	66.1 to 67.6	Light Gray & Gray, Poorly Graded Silty Sand (SP-SM), with some gravel.	29.9				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3469
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							Date 11/27/13

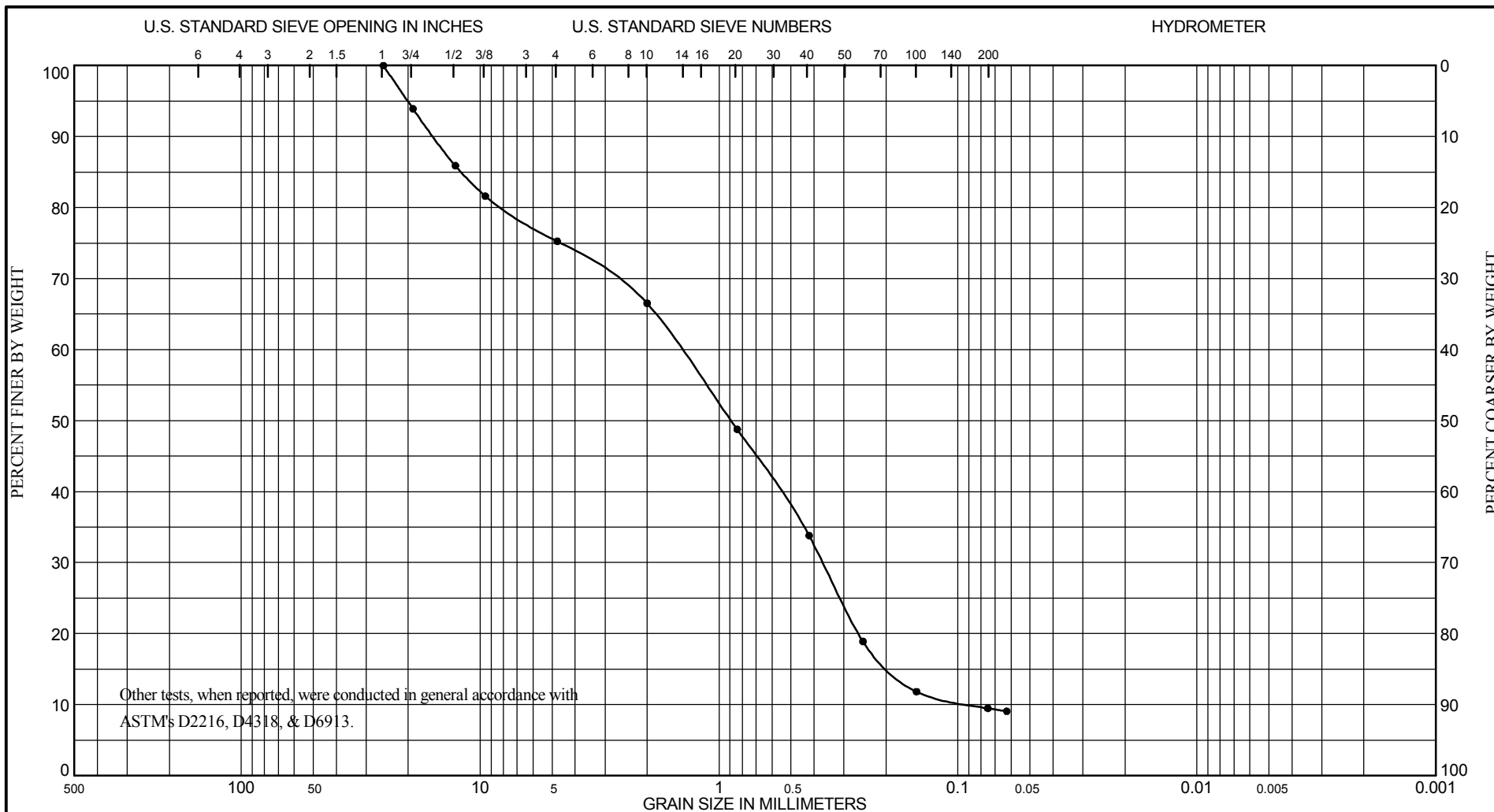
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	68.2 to 69.7	Dark Gray & Pale Yellow, Poorly Graded Silty Sand (SP-SM), with some gravel.	23.9				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3470
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							Date 11/27/13

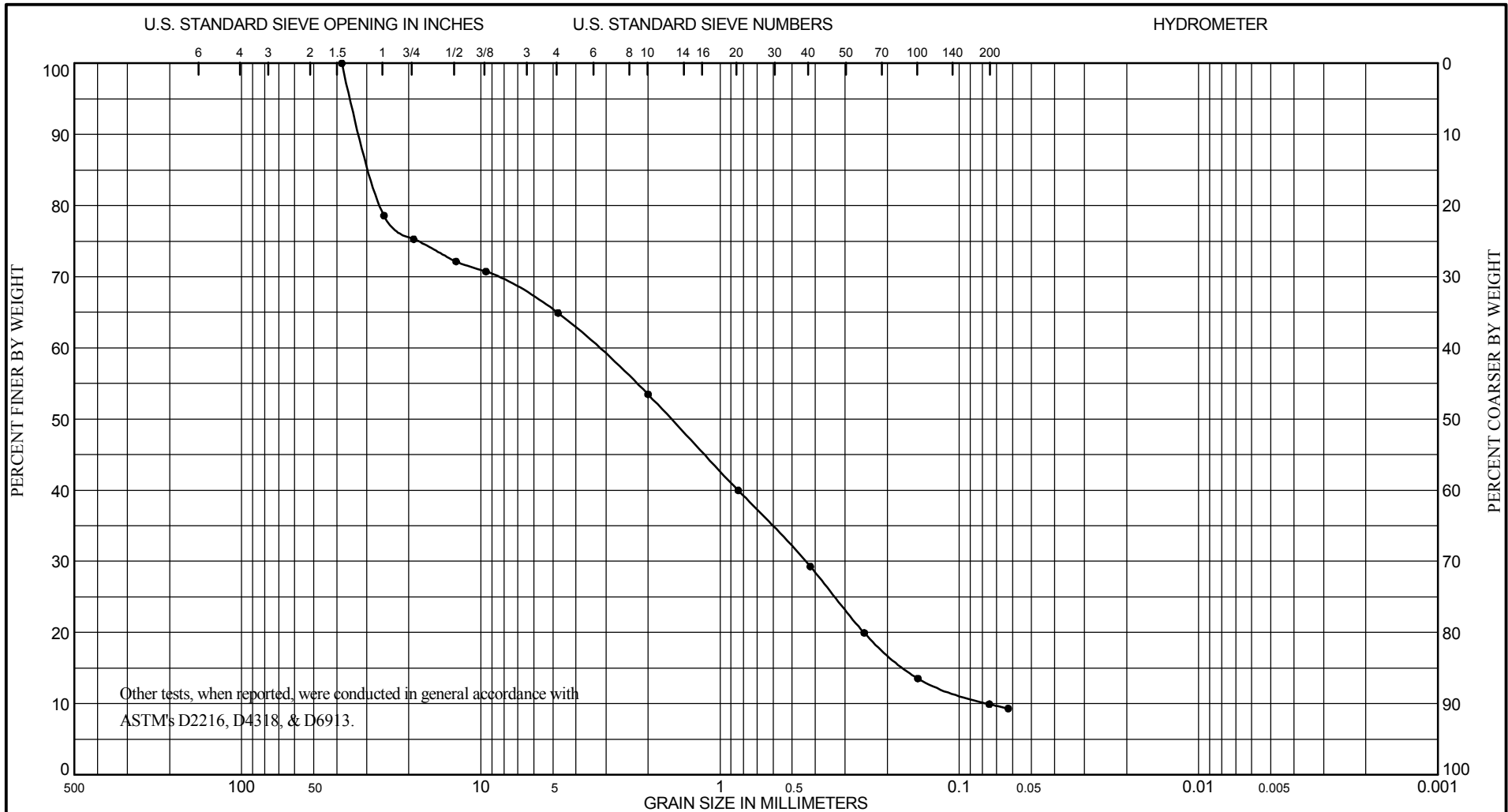
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
2	81.7 to 83.2	Dark Gray, Poorly Graded Silty Sand (SP-SM), with some gravel.	34.3				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3471
							Hole No. EC-13-B-50
							Date 11/27/13

GRADATION CURVES

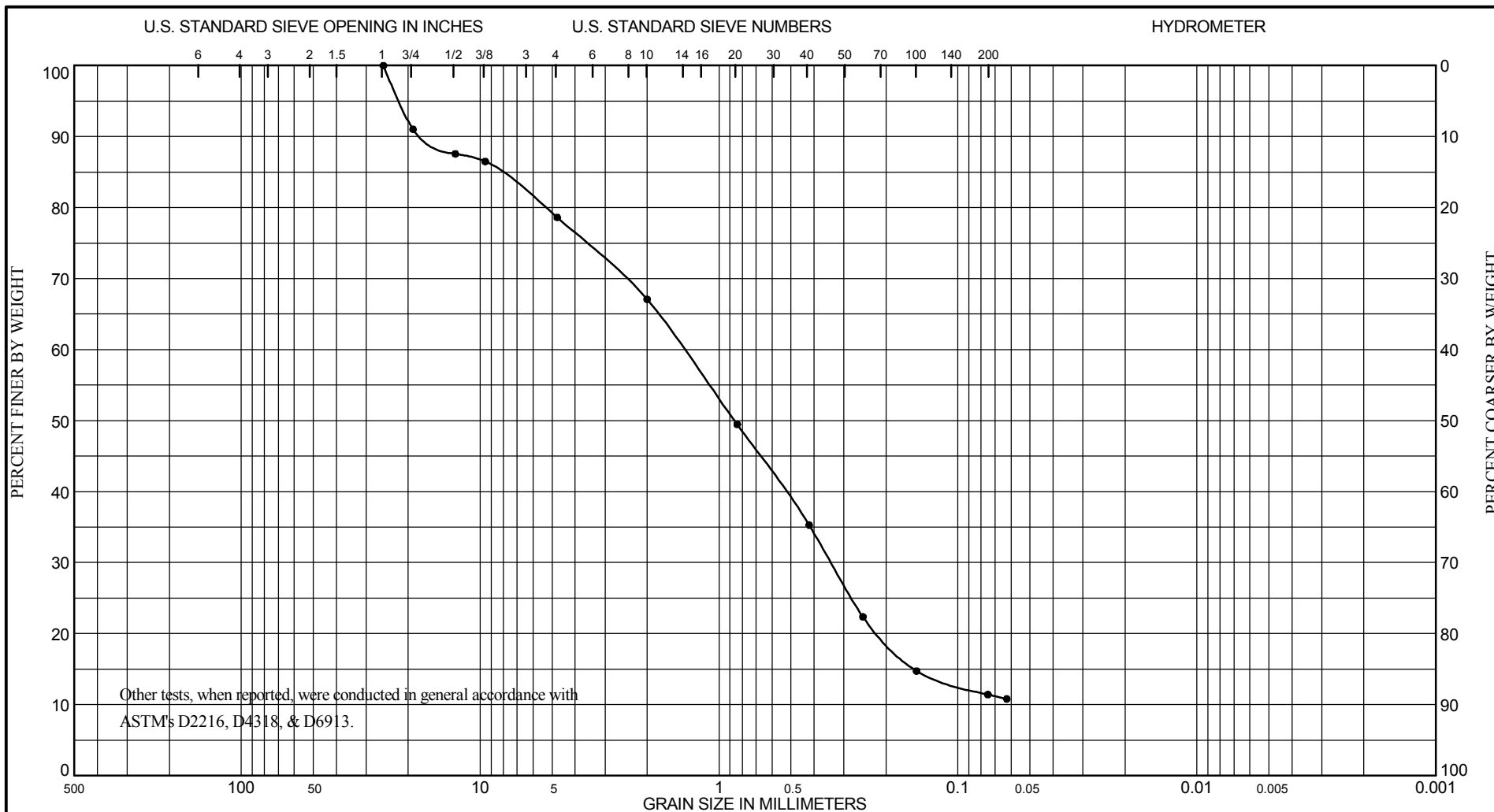


Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	67.8 to 69.3	Dark Gray & Pale Yellow, Gravelly Poorly Graded Silty Sand (SP-SM).	26.5				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3472
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							Date 11/27/13

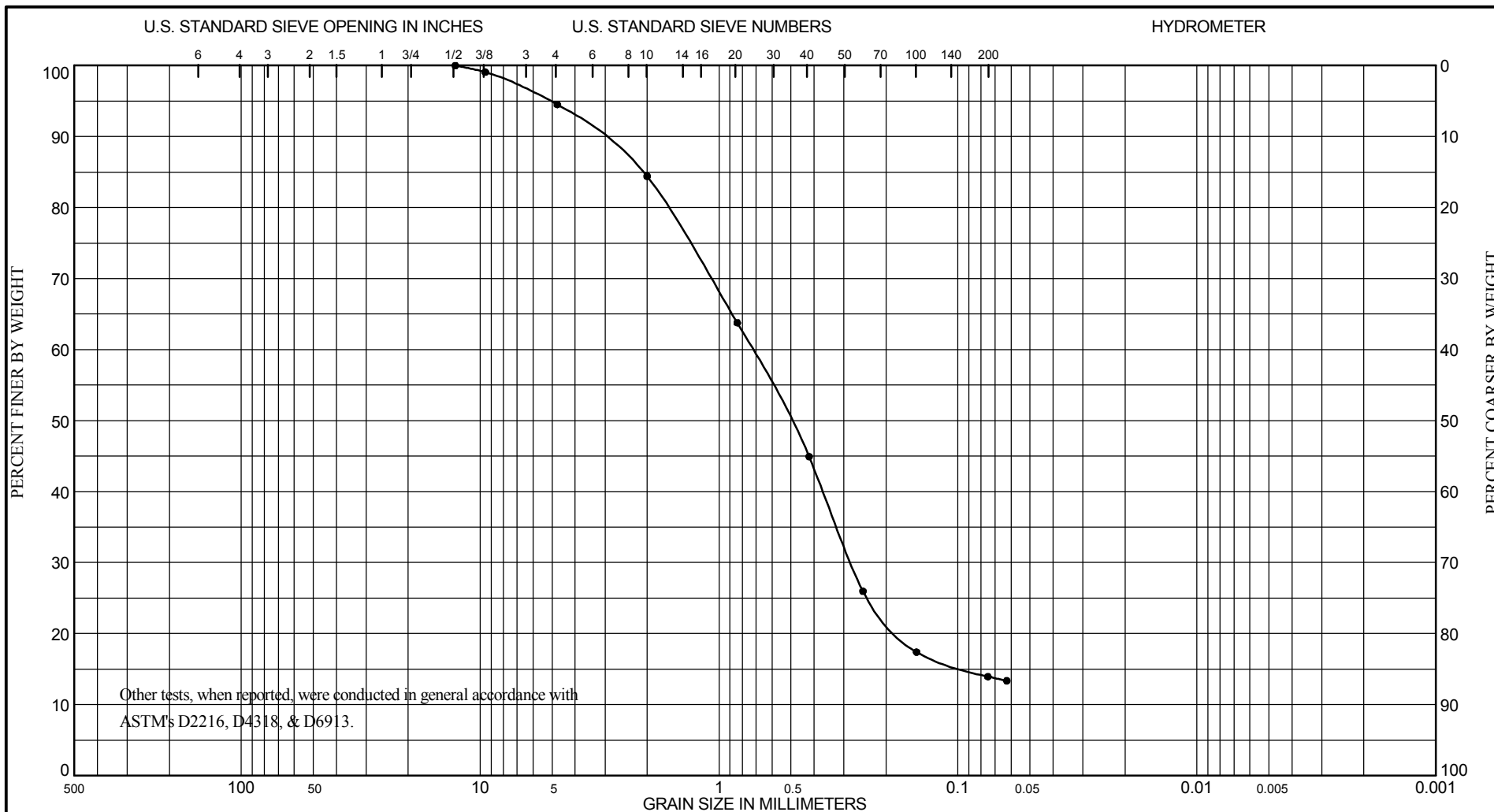
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	67.8 to 69.3	Gray, Poorly Graded Silty Sand (SP-SM), with some gravel.	30.1				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3473
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							Date 11/27/13

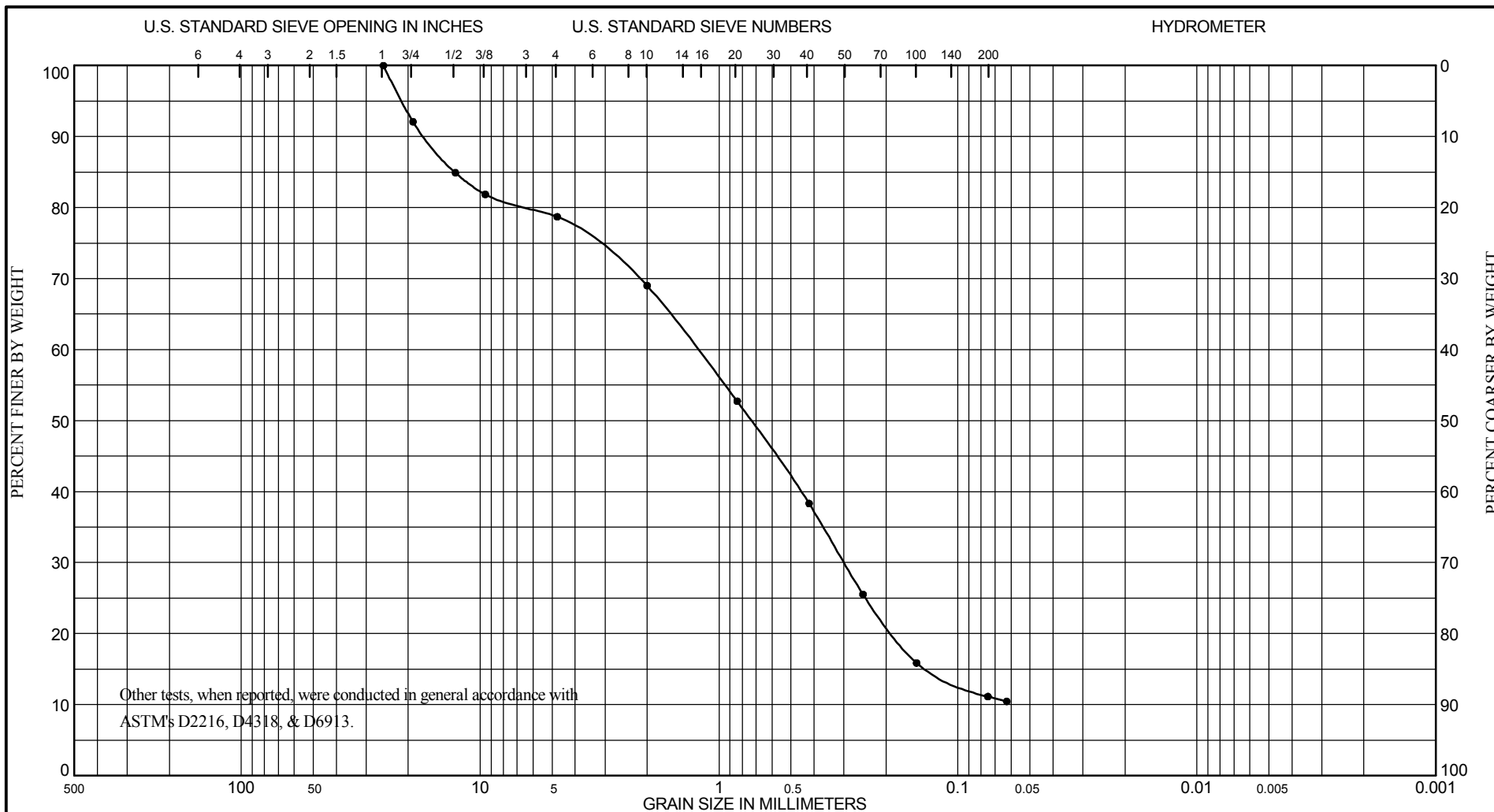
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
3	70.8 to 72.3	Light Brownish Gray & Gray, Silty Sand (SM), with a trace of gravel.	26.5				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3475
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							Date 11/27/13

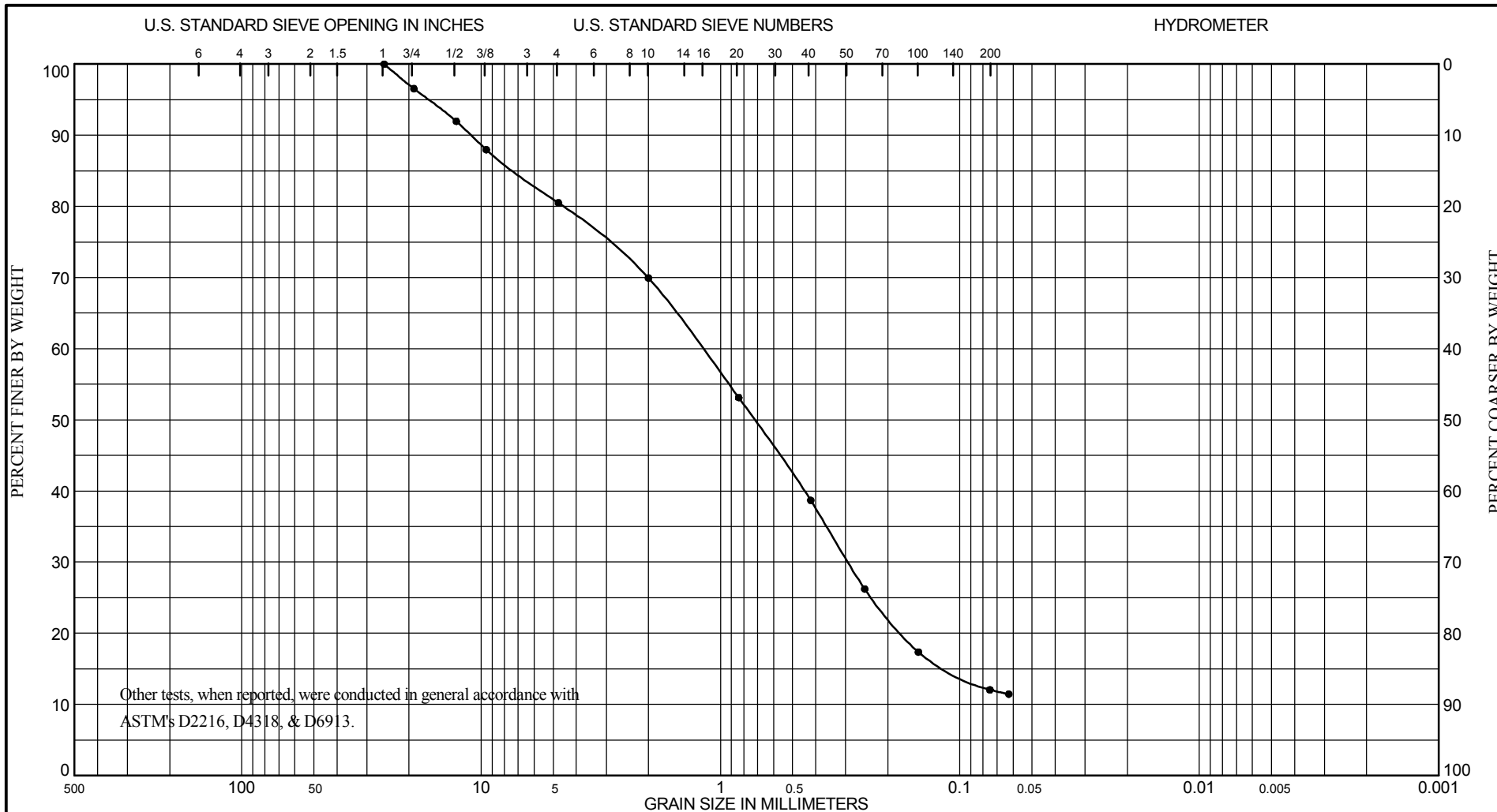
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	69.1 to 70.6	Pale Yellow & Gray, Poorly Graded Silty Sand (SP-SM), with some gravel.	28.1				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3477
							Hole No. EC-13-B-53
							Date 11/27/13

GRADATION CURVES

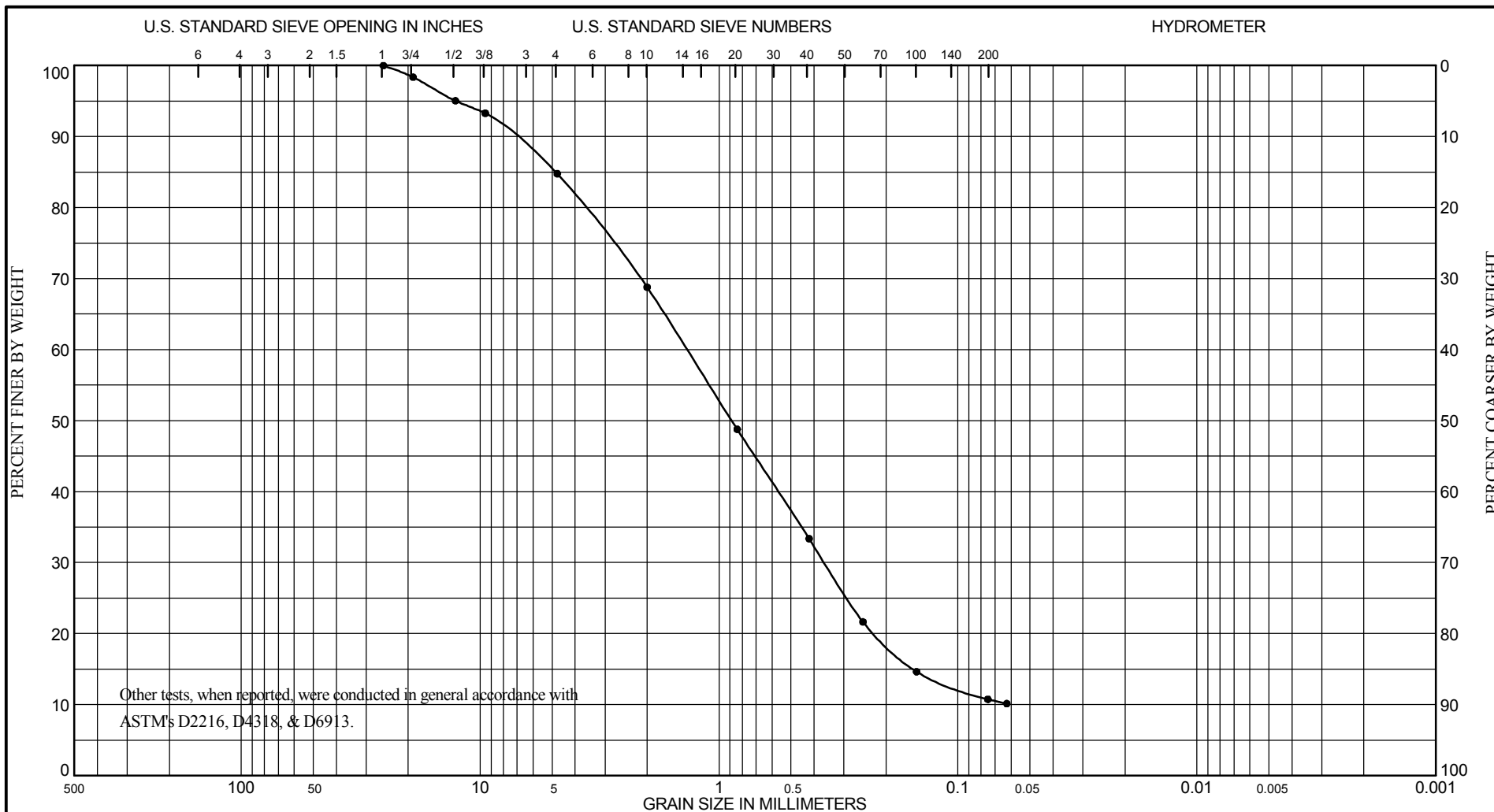


Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
3	72.0 to 73.5	Light Brownish Gray, Poorly Graded Silty Sand (SP-SM), with a little gravel.	34.4				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3479
							Hole No. EC-13-B-53
							Date 11/27/13

GRADATION CURVES

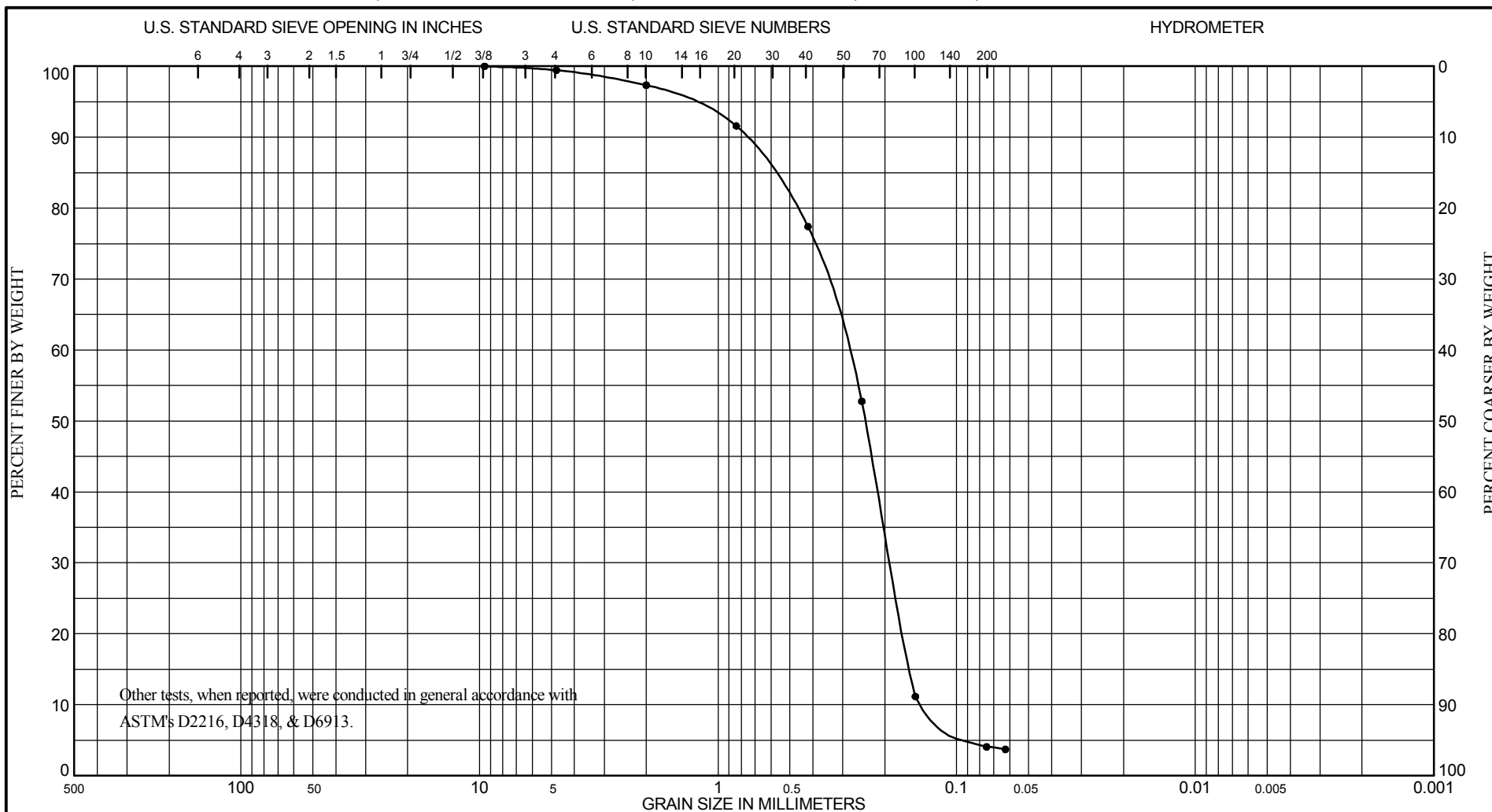


Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
5	76.5 to 78.0	Light Brownish Gray, Poorly Graded Silty Sand (SP-SM), with a little gravel.	31.3				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3481
							Hole No. EC-13-B-53
							Date 11/27/13

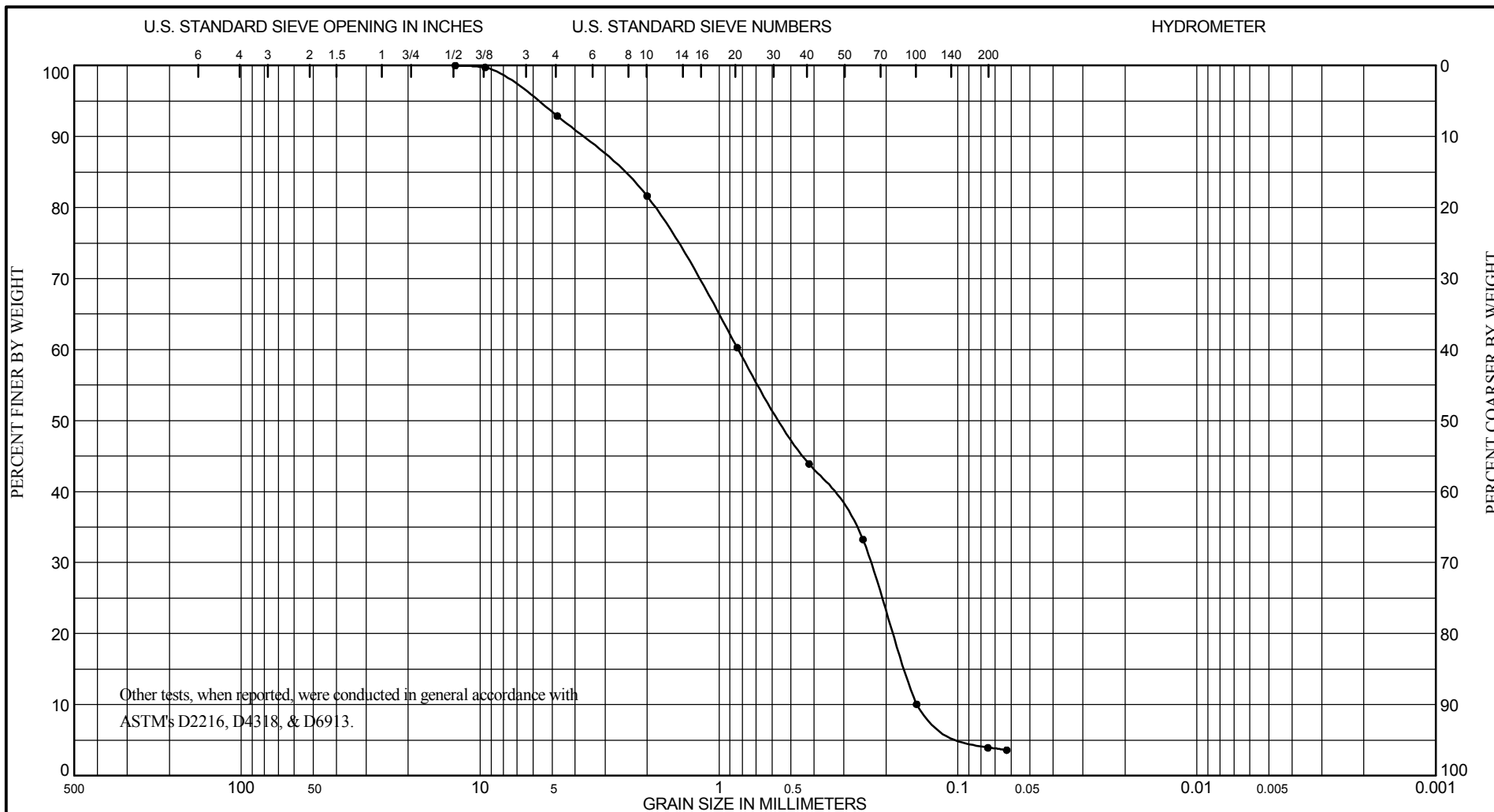
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
1	70.1 to 72.0	Light Brownish Gray, Poorly Graded Sand (SP).	24.0				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3483
							Hole No. EC-13-B-54
							Date 11/27/13

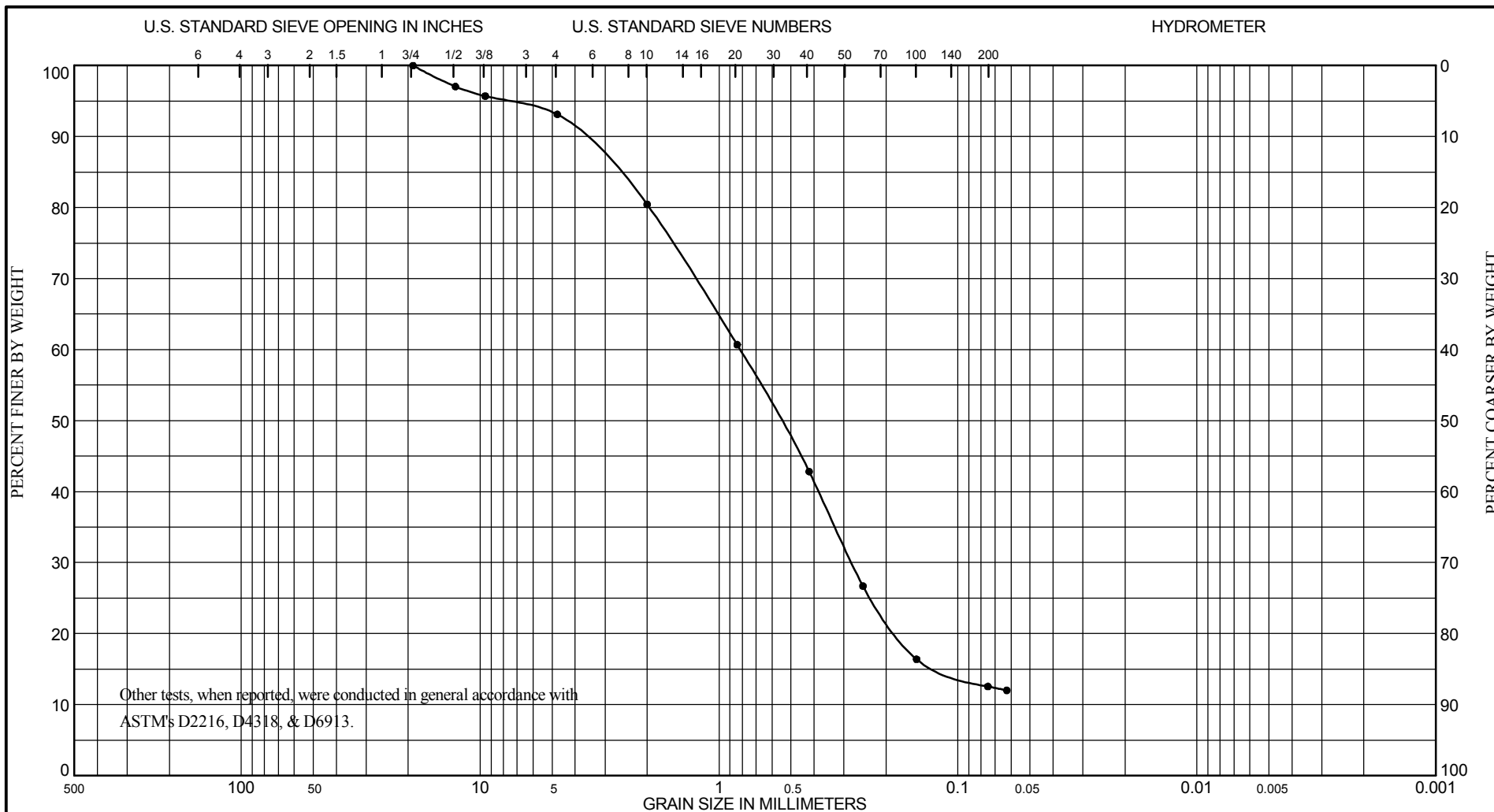
GRADATION CURVES



Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

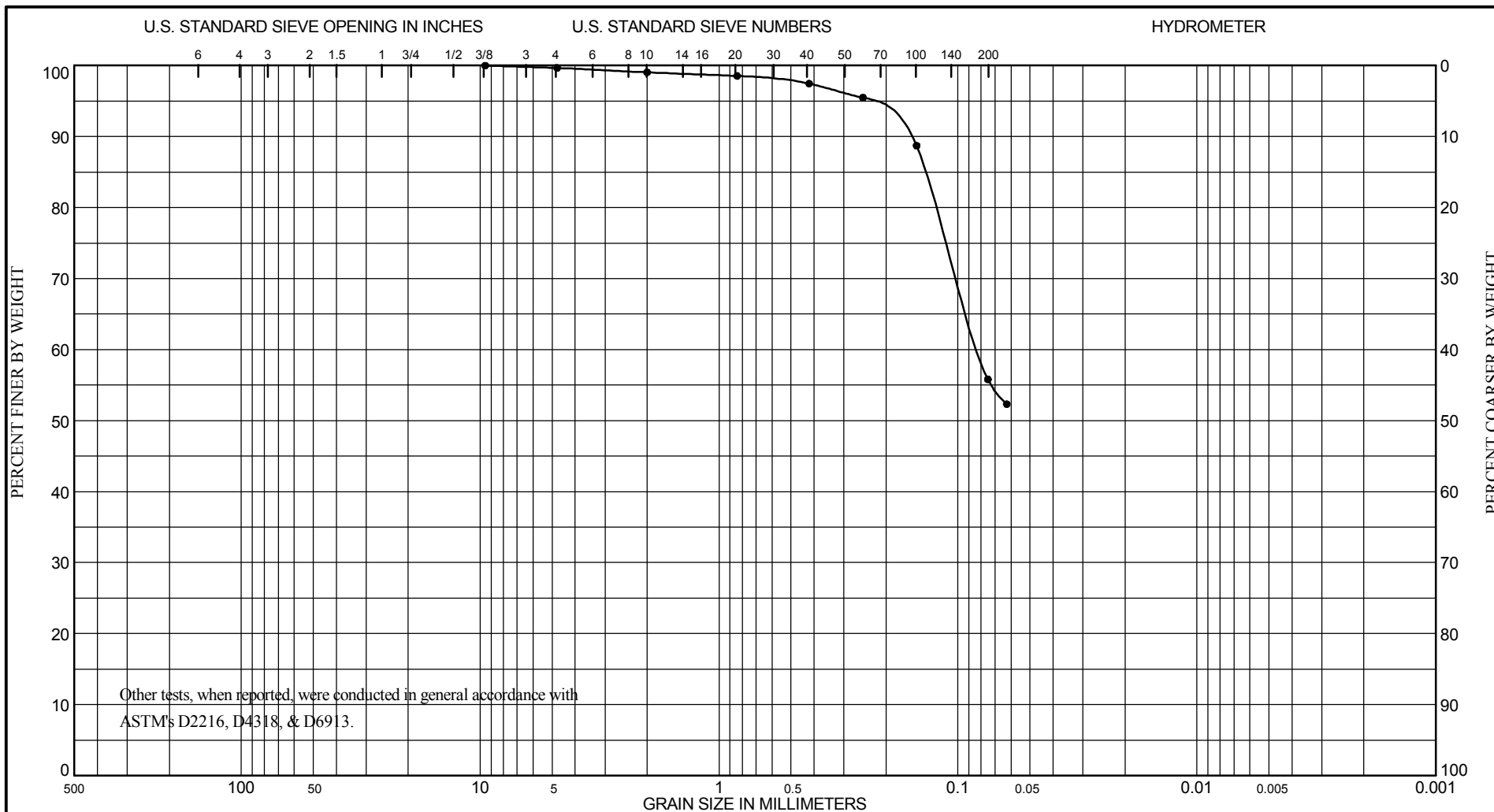
Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project	
3	73.5 to 75.0	Gray, Dark Gray & White, Poorly Graded Sand (SP), with a trace of gravel.	22.2				Charleston Harbor Entrance Channel	
							Soil & Rock Testing	
							Lab No. K2/3485	
							Hole No. EC-13-B-54	
GRADATION CURVES							Date	11/27/13



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4	75.0 to 76.5	Gray & Dark Gray, Silty Sand (SM), with a trace of gravel.	34.3				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3486
							Hole No. EC-13-B-54
							Date 11/27/13

GRADATION CURVES

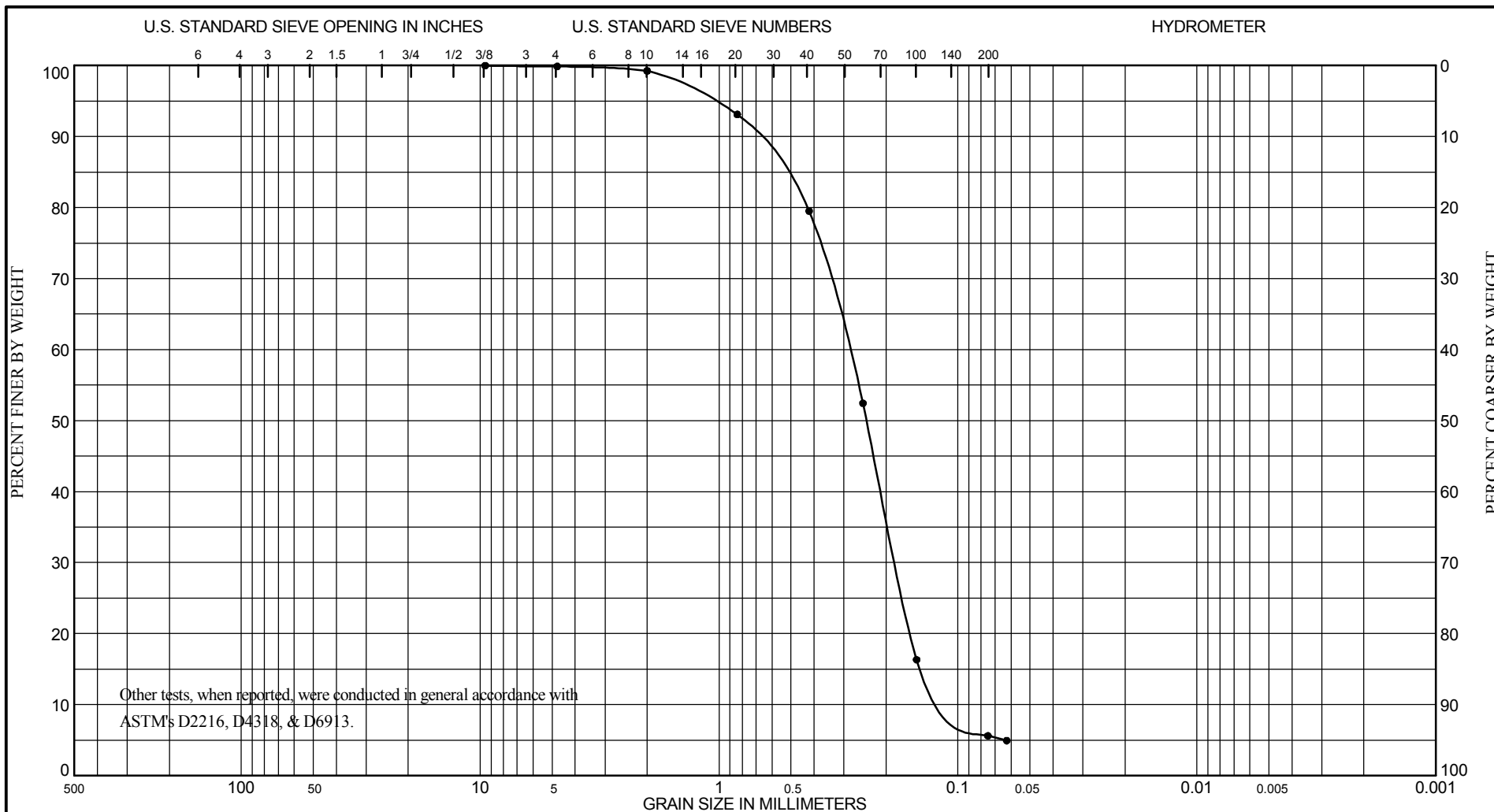


Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
2A	70.5 to 71.7	Olive Brown, Sandy Lean Clay (CL).	36.4	46	24	22	Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3491
							Hole No. EC-13-B-55
							Date 11/27/13

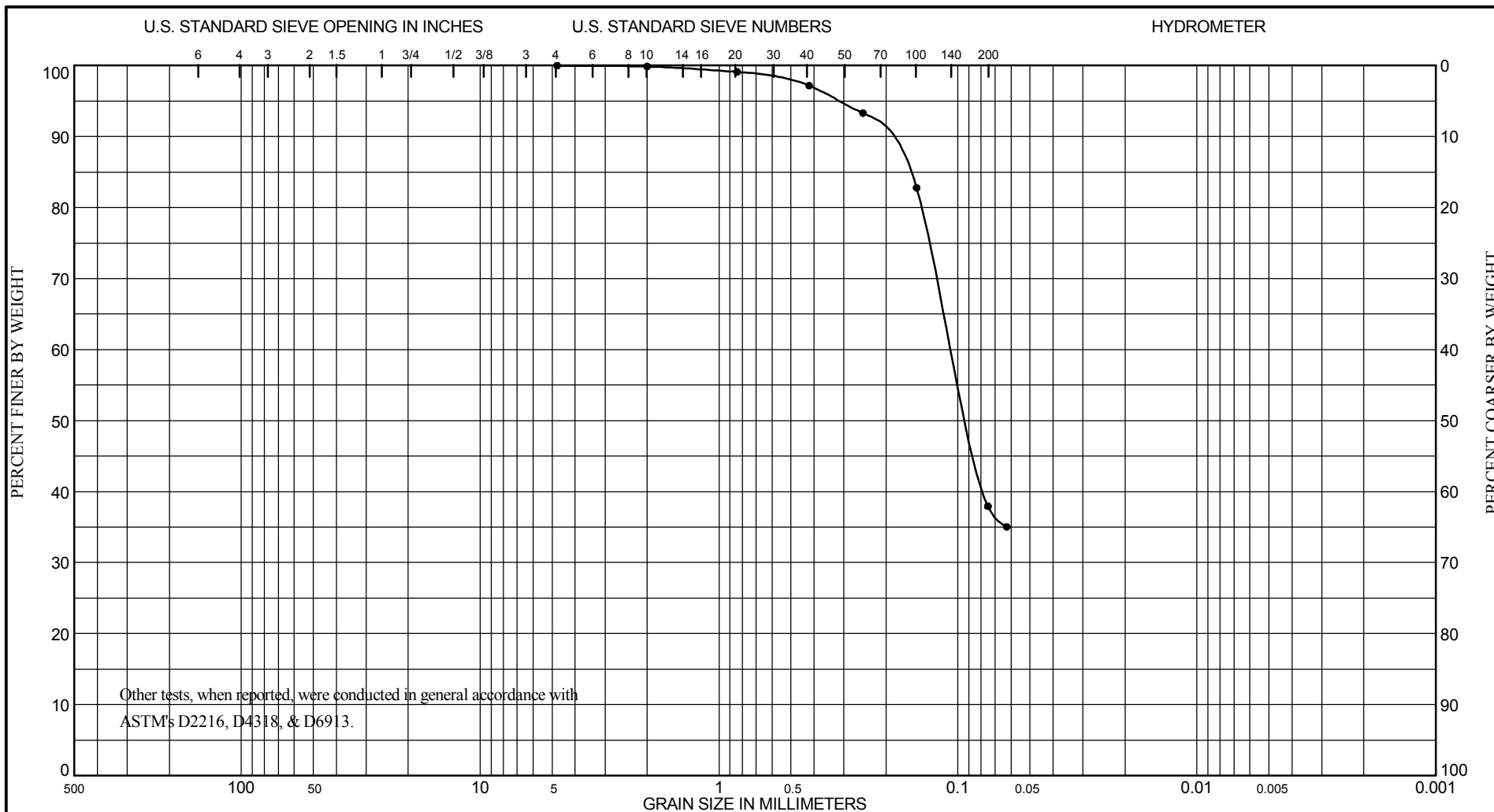
GRADATION CURVES



Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

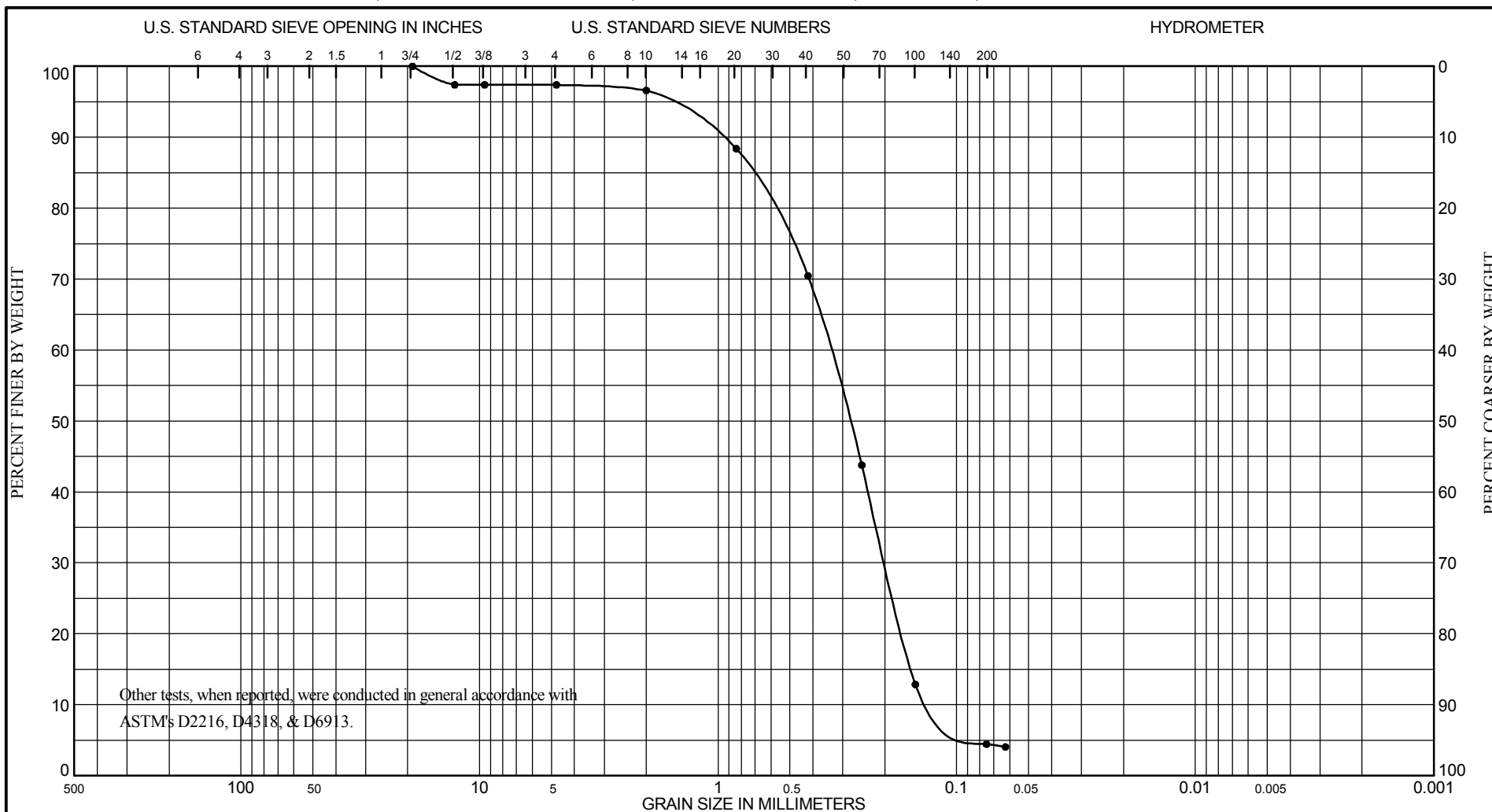
Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project	
2B	71.7 to 72.0	Grayish Brown, Poorly Graded Silty Sand (SP-SM).	25.6				Charleston Harbor Entrance Channel	
							Soil & Rock Testing	
							Lab No. K2/3492	
							Hole No. EC-13-B-55	
GRADATION CURVES							Date	11/27/13



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

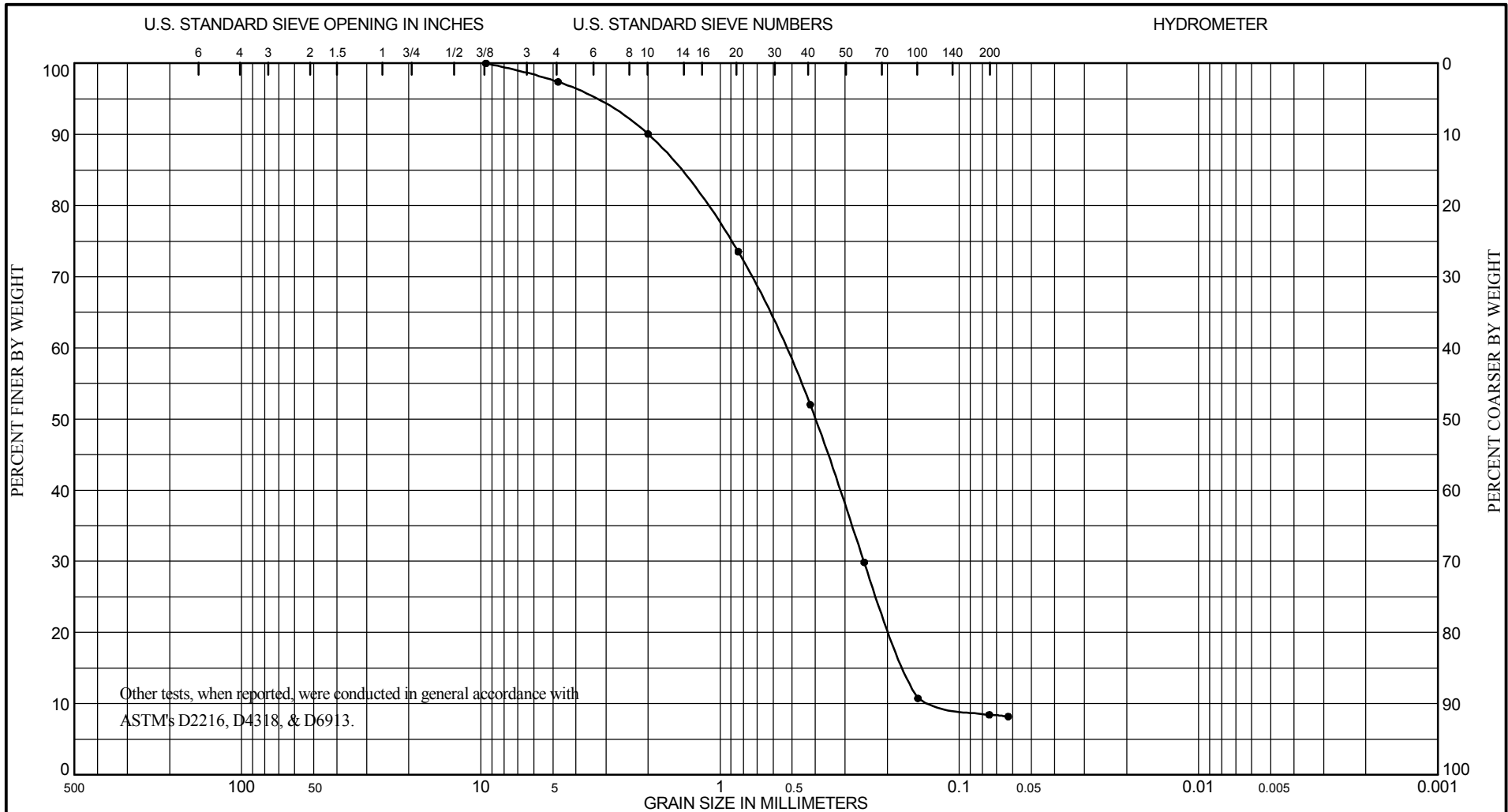
Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
3A	72.0 to 72.5	Olive Brown, Clayey Sand (SC).	38.2	46	25	21	Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3493
							Hole No. EC-13-B-55
							Date 11/27/13

GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

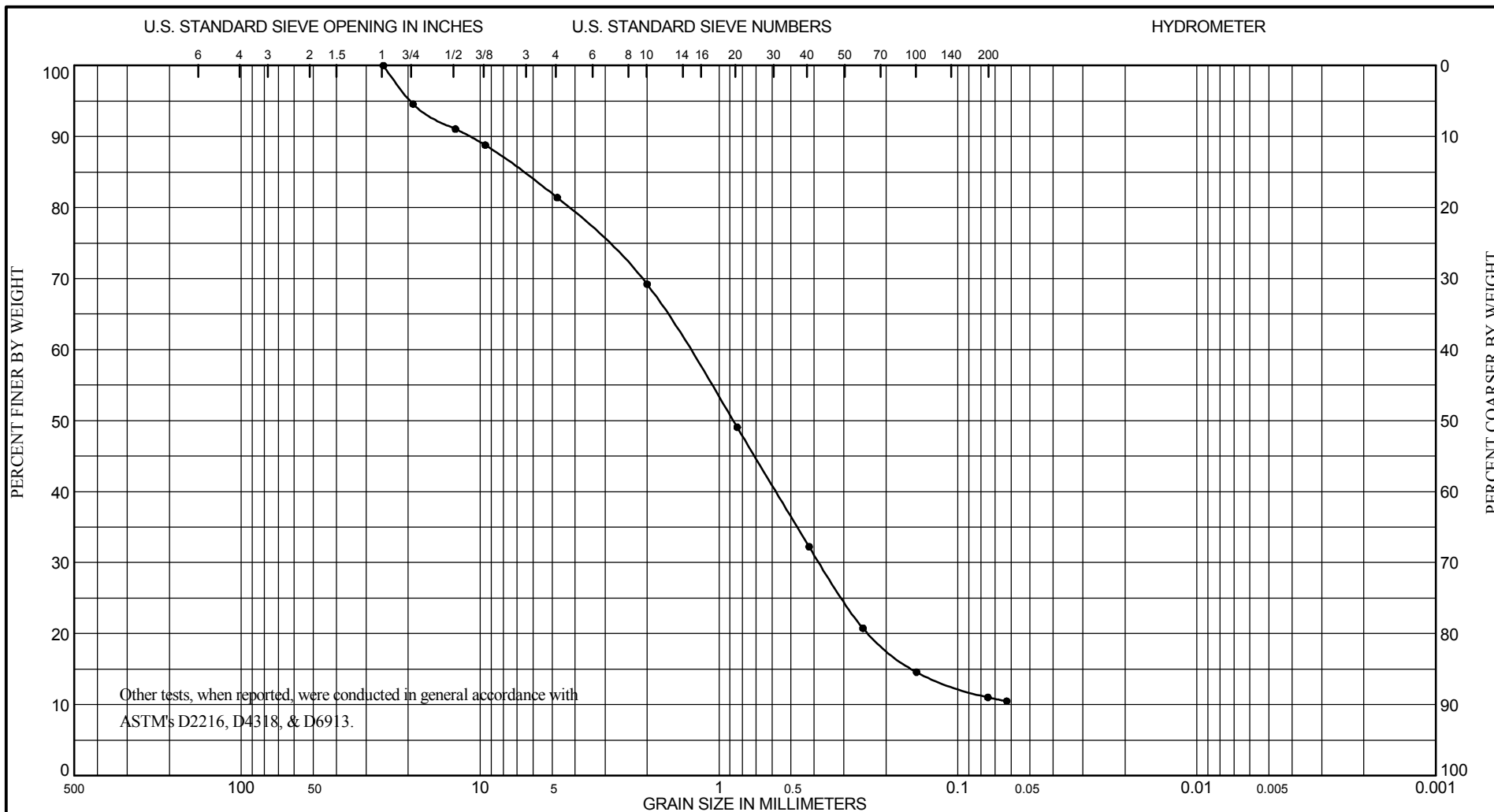
Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project	
3B	72.5 to 73.5	Dark Gray & Grayish Brown, Poorly Graded Sand (SP), with a trace of gravel.	26.5				Charleston Harbor Entrance Channel	
							Soil & Rock Testing	
							Lab No. K2/3494	
							Hole No. EC-13-B-55	
GRADATION CURVES							Date	11/27/13



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4A	73.5 to 74.3	Dark Gray, Poorly Graded Silty Sand (SP-SM), with a trace of gravel.	31.0				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3495
							Hole No. EC-13-B-55
							Date 11/27/13

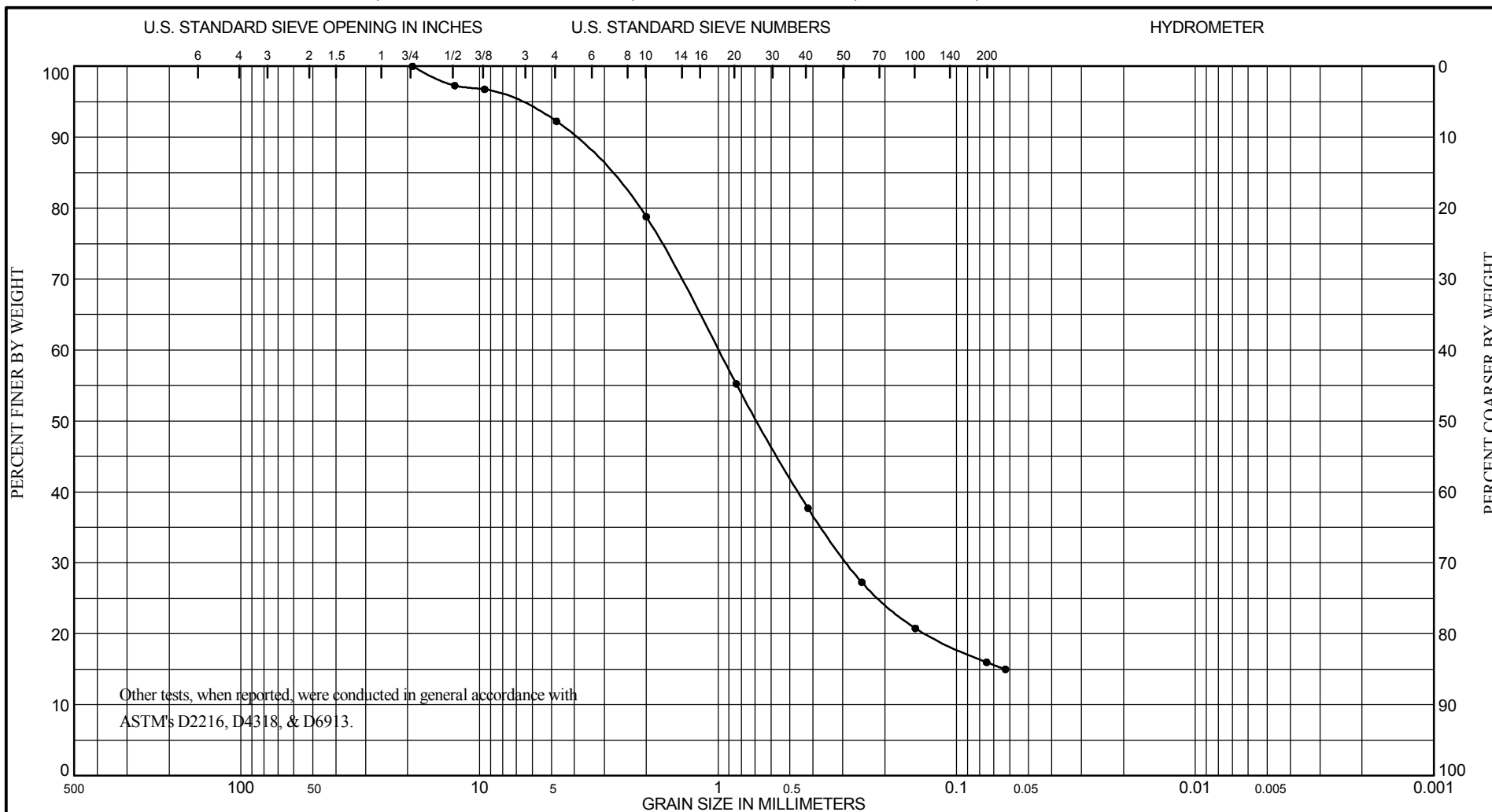
GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
4B	74.3 to 75.0	Light Gray, Poorly Graded Silty Sand (SP-SM), with a little gravel.	25.6				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3496
							Hole No. EC-13-B-55
							Date 11/27/13

GRADATION CURVES



Other tests, when reported, were conducted in general accordance with ASTM's D2216, D4318, & D6913.

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (ft)	ASTM D2487 Classification	Nat w%	LL	PL	PI	Project
6	76.5 to 78.0	Light Gray, Silty Sand (SM), with a trace of gravel.	22.1				Charleston Harbor Entrance Channel
							Soil & Rock Testing
							Lab No. K2/3498
							Hole No. EC-13-B-55
							Date 11/27/13

GRADATION CURVES