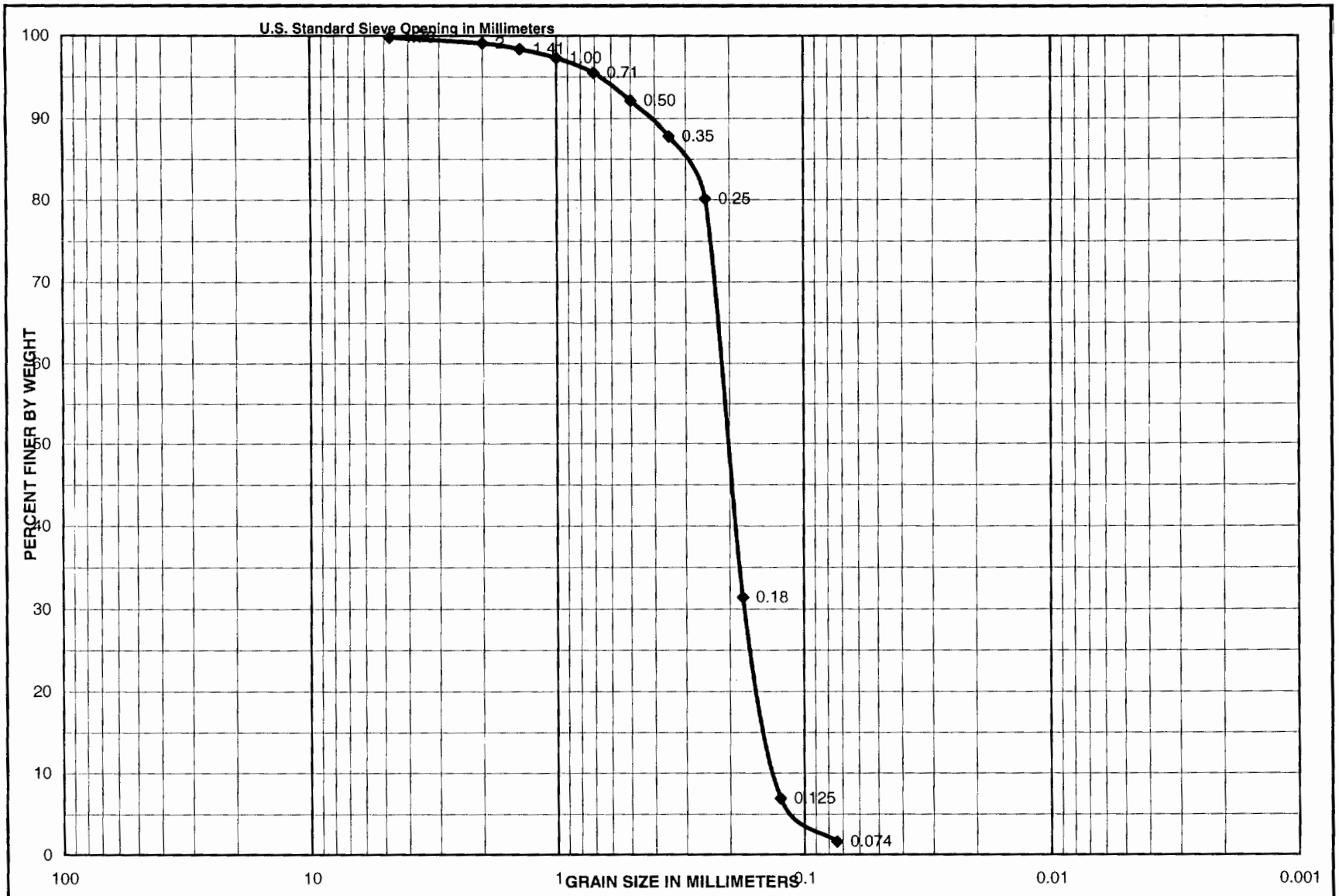
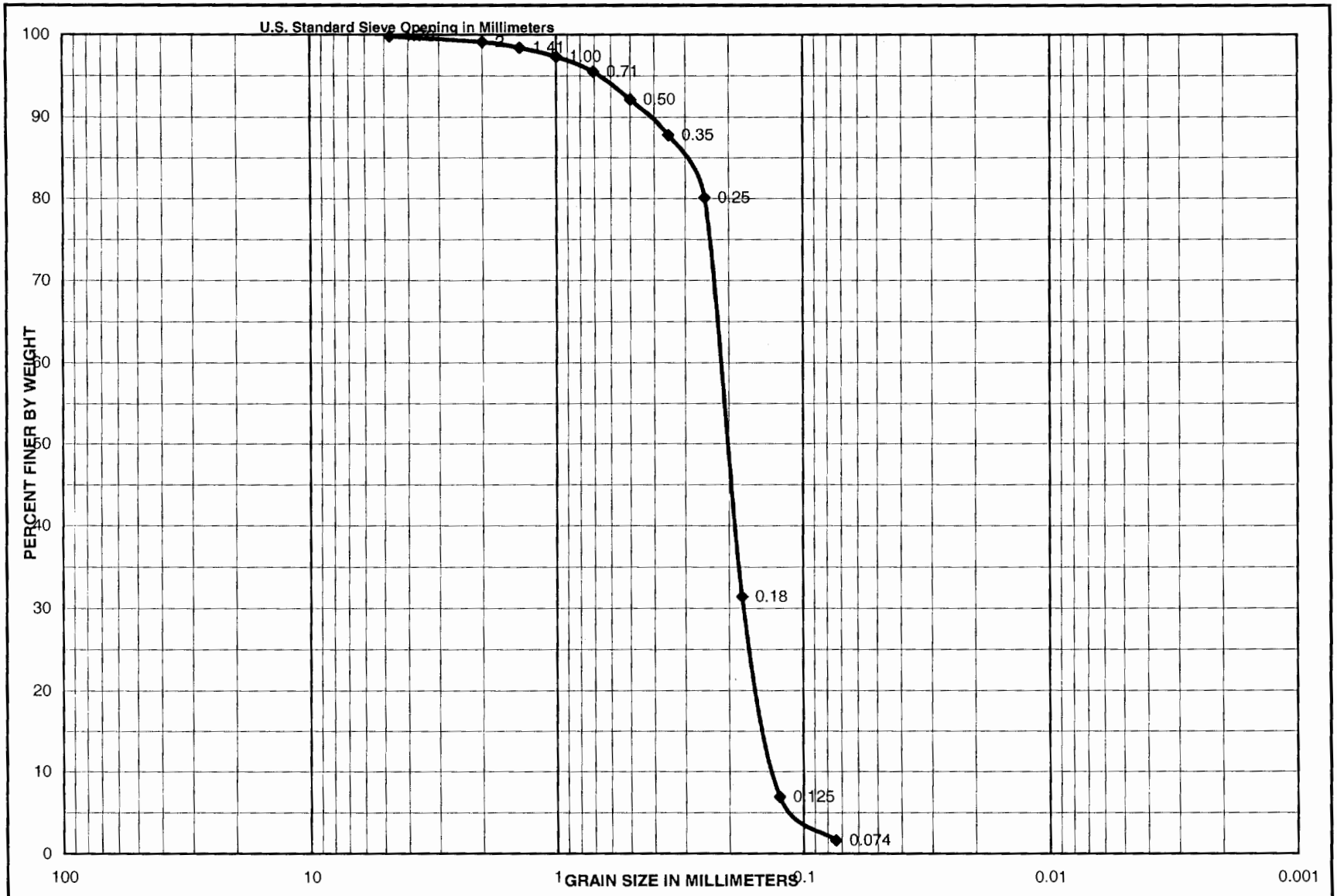
TABLE 1
SUMMARY OF LABORATORY TESTING RESULTS
FOR GRAIN SIZE ANALYSIS

USACOE - MOREHEAD CITY 933
CATLIN PROJECT NO. 202-062

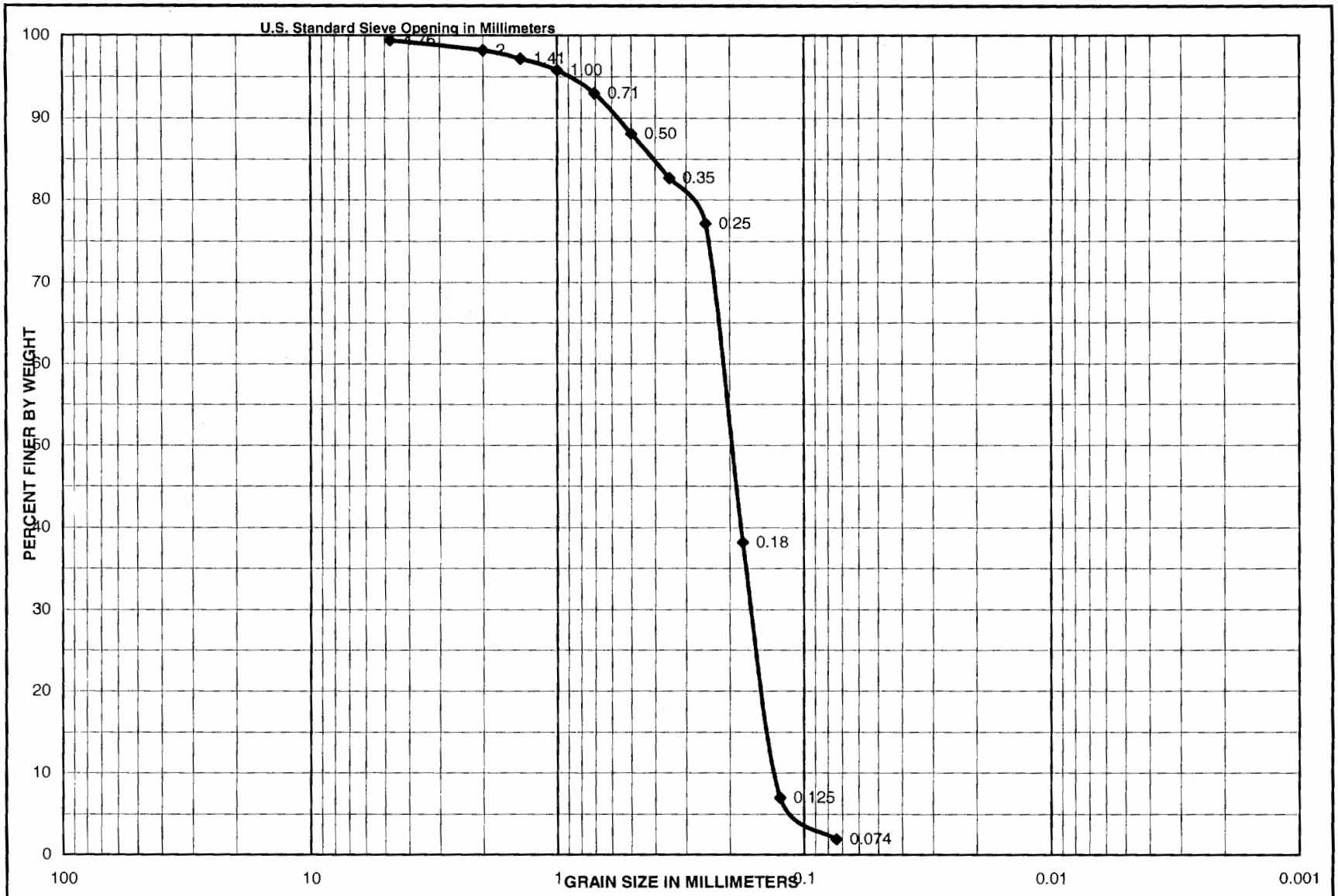
BORING NUMBER	SAMPLE #	DEPTH	% SHELL	#4	#10	#14	#18	#25	#35	#45	#60	#80	#120	#200
MOB-05-V-8	3	42.0-42.5	4.53	99.8	99.1	98.4	97.3	95.5	92.1	87.8	80.1	31.4	6.9	1.6
MOB-05-V-8	4	44.0-44.5	4.23	99.4	98.2	97.2	95.8	93.0	88.1	82.7	77.1	38.2	7.0	1.9
MOB-05-V-8	5	44.7-45.2	5.32	99.8	98.4	97.0	94.7	90.9	85.2	79.6	73.1	47.9	7.4	0.6
MOB-05-V-9	1	43.4-43.9	0.34	100.0	99.9	99.8	99.7	99.7	99.4	98.7	94.0	51.9	13.9	3.1
MOB-05-V-9B	2	47.0-47.5	19.11	97.7	91.9	88.3	84.8	80.9	76.0	70.1	59.9	33.5	12.8	9.4
MOB-05-V-9B	3	50.0-50.5	36.27	95.3	85.1	80.0	75.3	70.3	63.7	58.2	52.8	43.7	23.8	14.3
MOB-05-V-9B	6	59.0-59.5	18.16	97.1	89.1	85.4	81.8	77.1	69.1	60.1	48.9	29.8	16.6	13.0
MOB-05-V-10	2	20.8-21.3	9.32	98.9	97.6	96.5	94.6	90.7	81.0	59.3	21.3	5.3	0.7	0.0
MOB-05-V-10C	1	19.5-20.0	1.72	99.6	99.3	99.0	98.8	98.3	94.9	74.4	21.6	4.3	2.2	2.1
MOB-05-V-10C	4	25.0-25.5	12.27	99.3	95.0	91.8	87.7	82.3	73.8	59.9	34.1	15.4	7.8	5.2
MOB-05-V-11	2	43.8-44.3	19.24	97.8	94.1	90.6	86.4	80.8	72.4	61.0	39.6	14.5	3.8	2.1
MOB-05-V-11A	2	46.4-46.9	6.78	99.7	97.2	95.4	93.2	90.4	86.1	79.1	61.8	25.0	8.6	5.5
MOB-05-V-11B	2	48.0-48.5	0.44	99.9	99.8	99.7	99.6	99.3	98.5	94.7	68.9	17.9	2.4	0.8
MOB-05-V-11B	4	51.5-52.0	19.85	92.4	89.0	87.0	84.5	80.2	71.3	59.3	37.3	12.6	2.7	2.7
MOB-05-V-12	2	37.9-38.4	7.27	99.6	98.3	97.2	95.6	92.7	87.3	78.4	58.9	19.9	1.7	1.7
MOB-05-V-12B	3	41.0-41.5	4.21	99.8	99.0	98.3	97.3	95.8	92.3	83.9	53.5	13.3	2.3	1.0
MOB-05-V-12B	6	45.1-45.6	0.15	100.0	100.0	99.9	99.8	99.7	99.3	97.5	83.7	32.1	7.6	4.2
MOB-05-V-13	2	20.4-20.9	48.14	87.4	73.3	63.1	51.9	38.5	23.6	15.6	10.6	5.3	2.7	2.0
MOB-05-V-13A	2	18.0-18.5	75.55	83.7	64.4	50.7	37.5	24.4	13.2	7.7	4.3	2.0	1.4	1.3
MOB-05-V-14	4	45.0-45.5	28.45	92.5	85.4	81.6	77.3	71.5	61.8	49.5	32.8	10.8	1.7	0.6
MOB-05-V-14	5	46.0-46.5	21.15	98.5	91.1	86.4	82.5	78.9	73.0	64.9	52.0	28.4	14.2	10.9
MOB-05-V-15	1	44.3-44.8	0.10	100.0	100.0	100.0	99.9	99.9	99.8	99.3	99.1	33.4	9.3	5.1
MOB-05-V-15	3	48.0-48.5	0.63	99.8	99.8	99.8	99.7	99.6	99.4	98.9	95.4	26.7	6.1	0.8
MOB-05-V-15	4	50.0-50.5	0.32	99.9	99.8	99.8	99.7	99.6	99.3	98.3	91.1	19.9	4.6	3.0



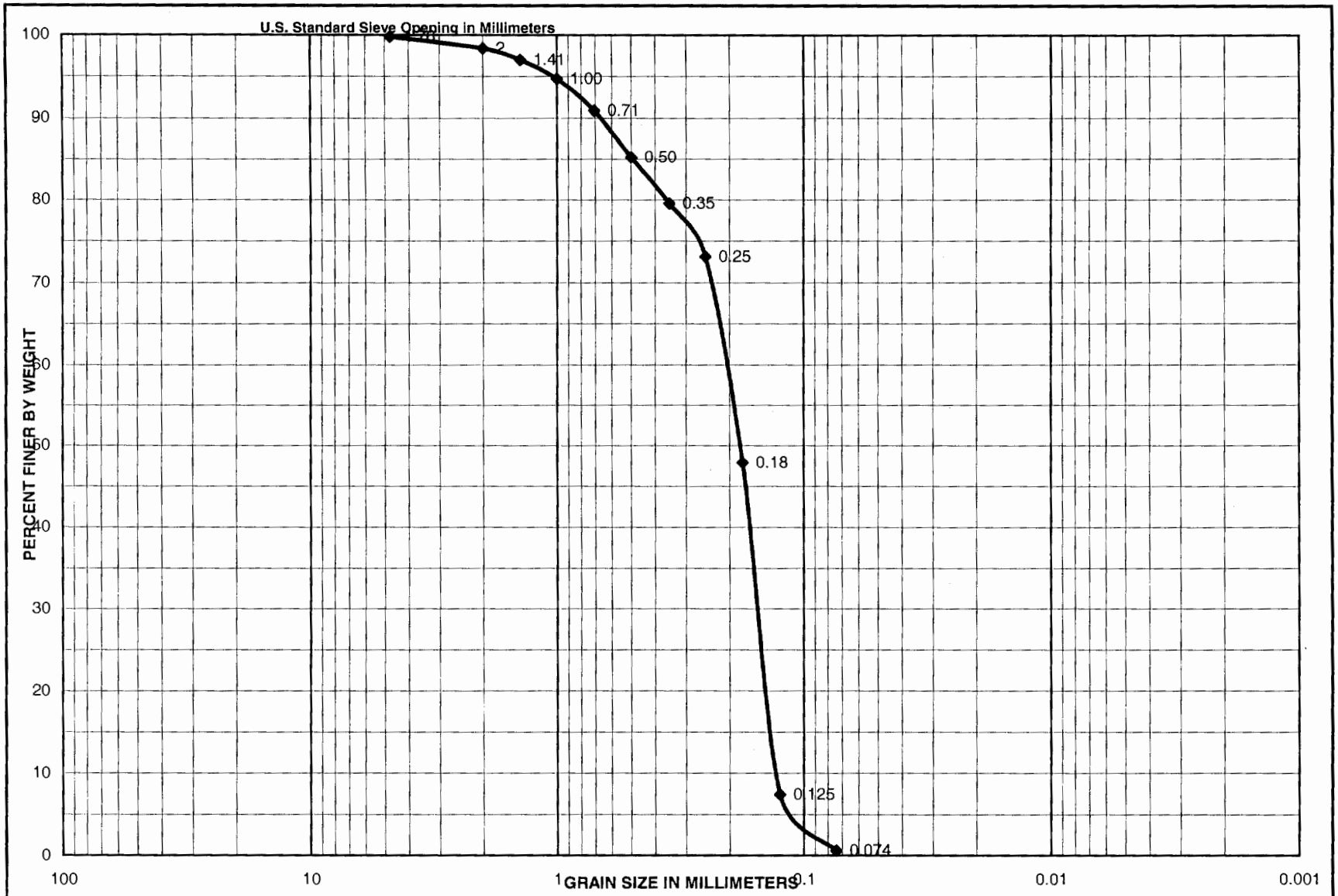
Sample No.	Depth (ft)	Classification	
3	42.0-42.5	Olive gray poorly graded sand with trace shells, SP	**Project** USACOE Various Sites
		4.53% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-8
			Date 11/8/2005



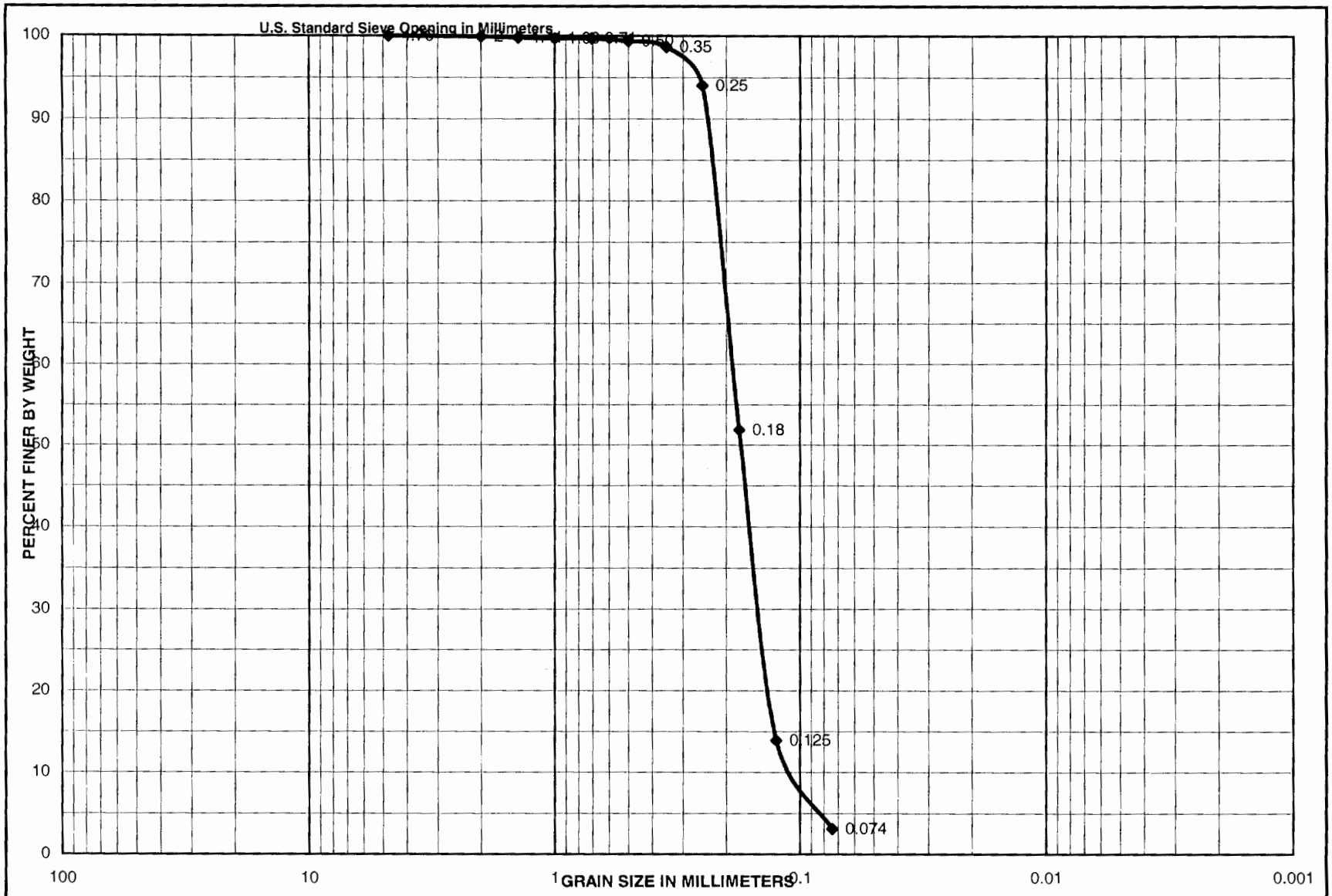
Sample No.	Depth (ft)	Classification	
3	42.0-42.5	Olive gray poorly graded sand with trace shells, SP	**Project** USACOE Various Sites
		4.53% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-8
			Date 11/8/2005



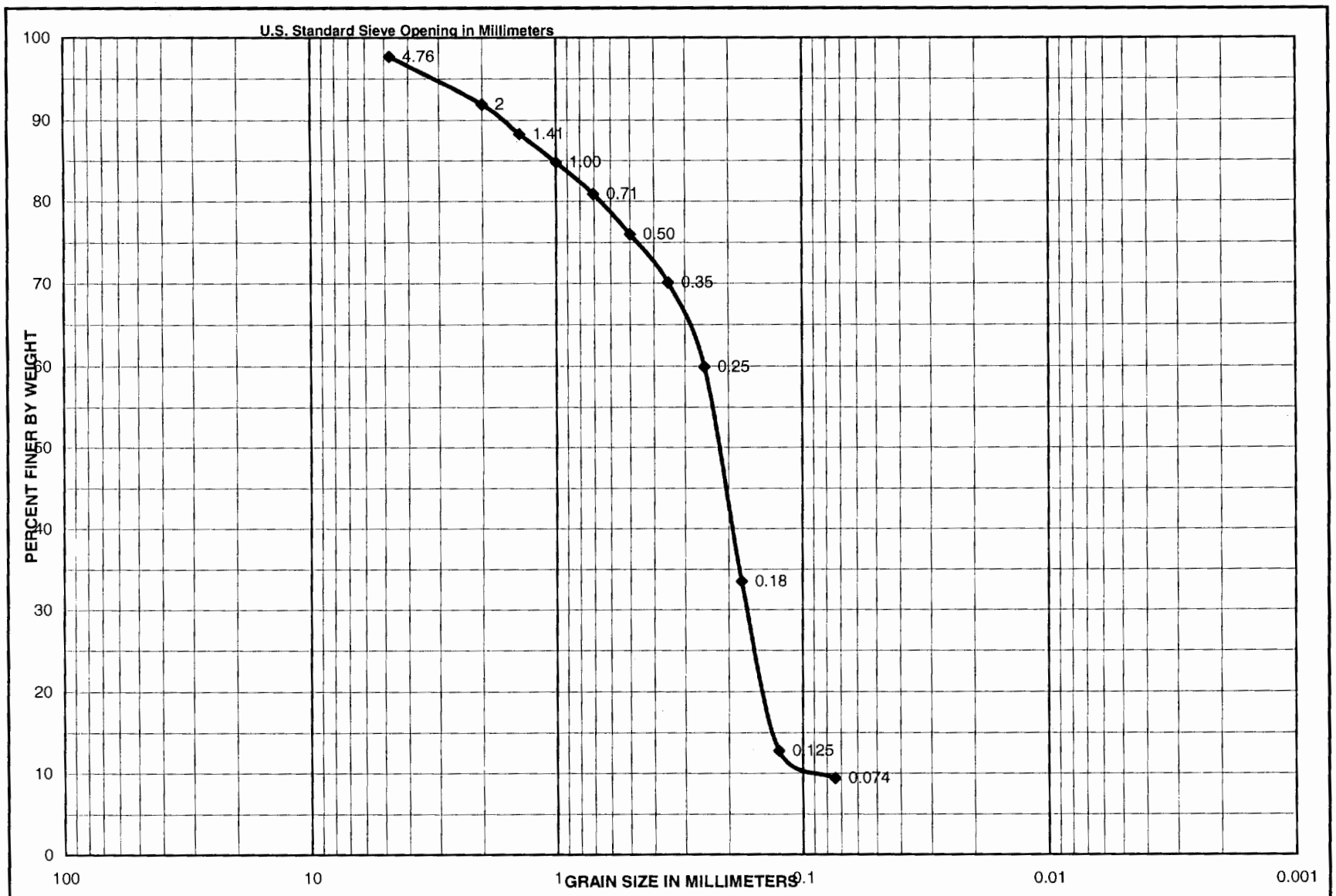
Sample No.	Depth (ft)	Classification	
4	44.0-44.5	Olive gray poorly graded sand with trace shells, SP	**Project** USACOE Various Sites
		4.23% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-8
			Date 11/8/2005



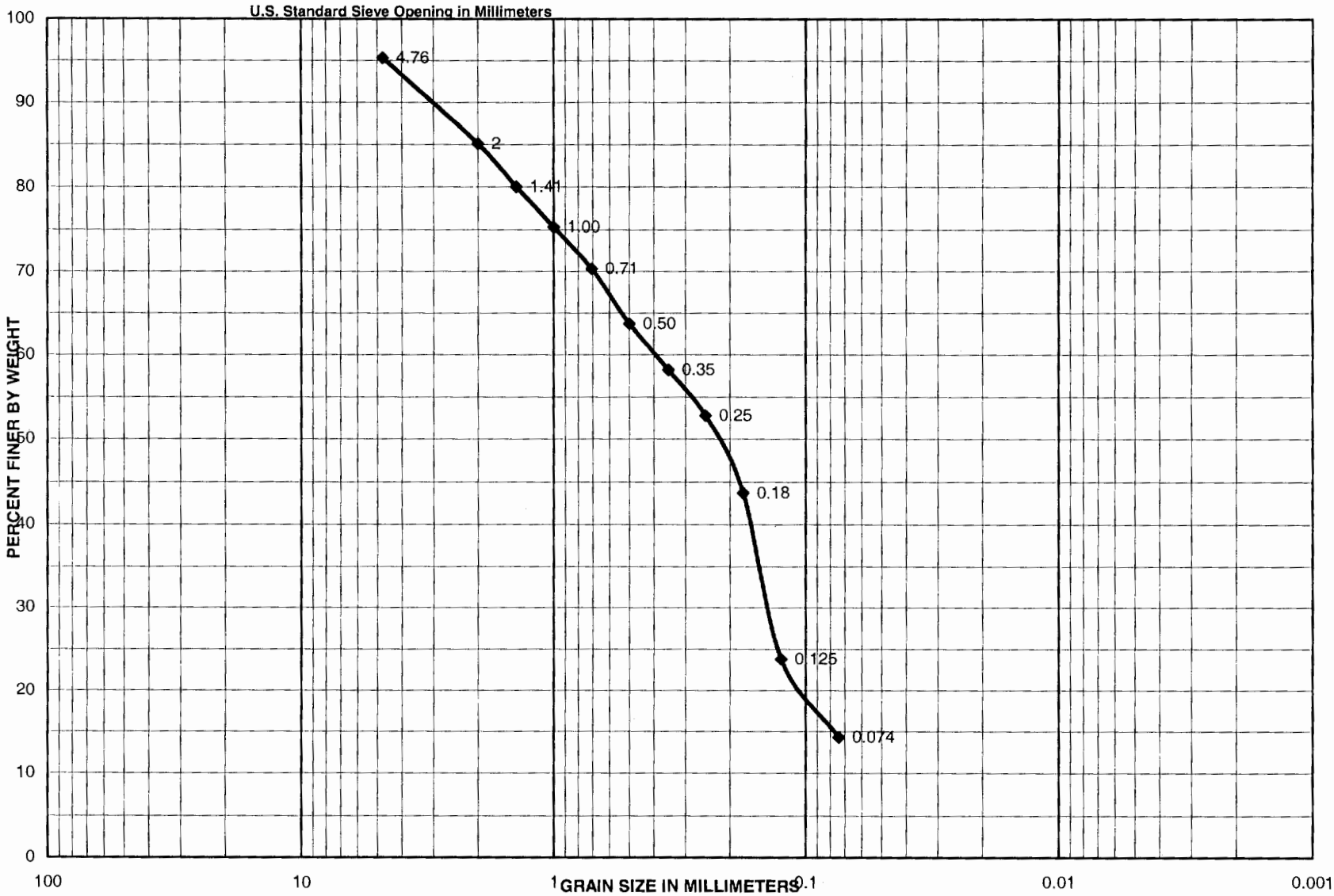
Sample No.	Depth (ft)	Classification	
5	44.7-45.2	Olive gray poorly graded sand with few shells, SP	**Project** USACOE Various Sites
		5.32% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-8
			Date 11/8/2005



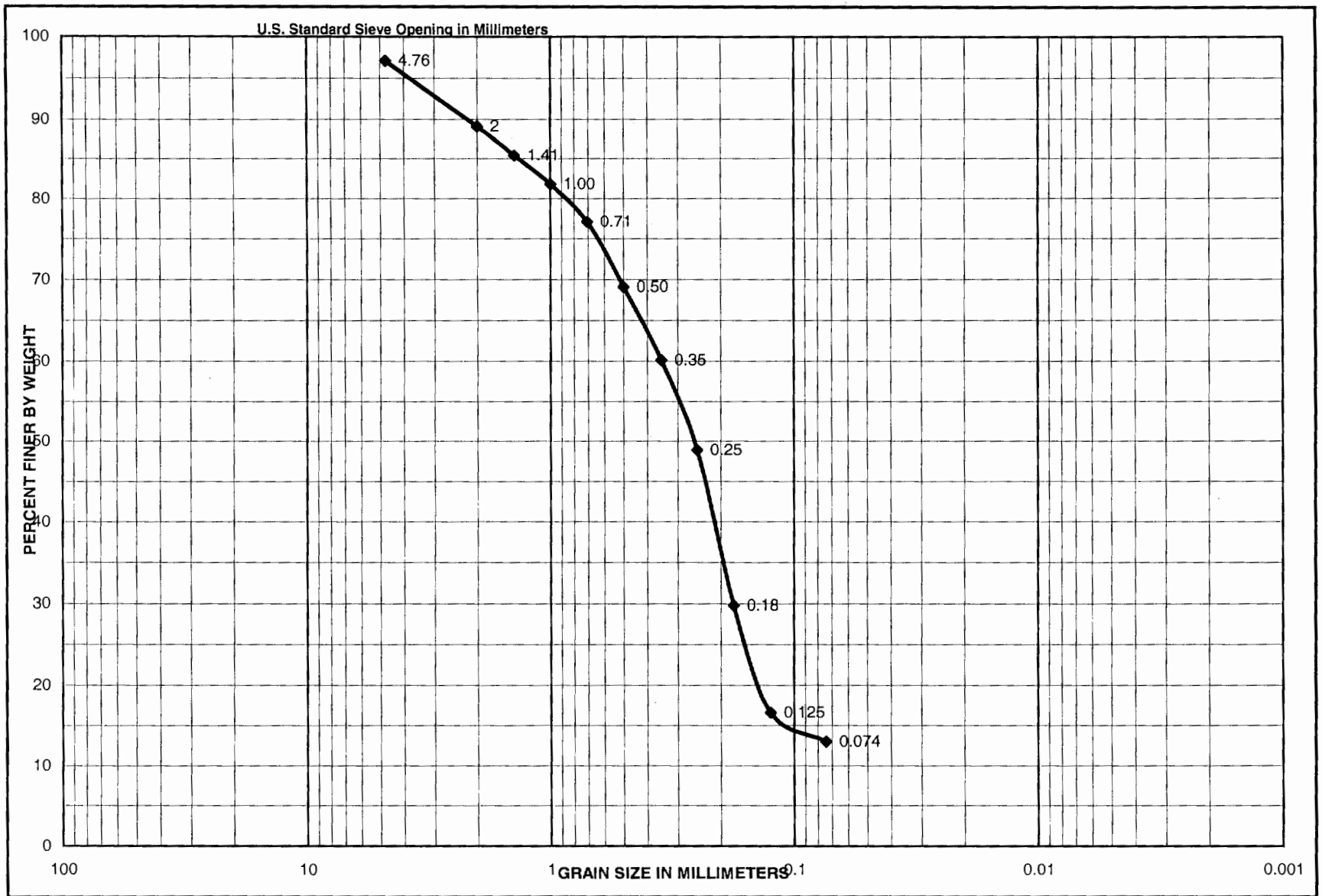
Sample No.	Depth (ft)	Classification	
1	43.4-43.9	Dark gray poorly graded sand with trace shells, SP	**Project** USACOE Various Sites
		0.34% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-9
			Date 11/8/2005



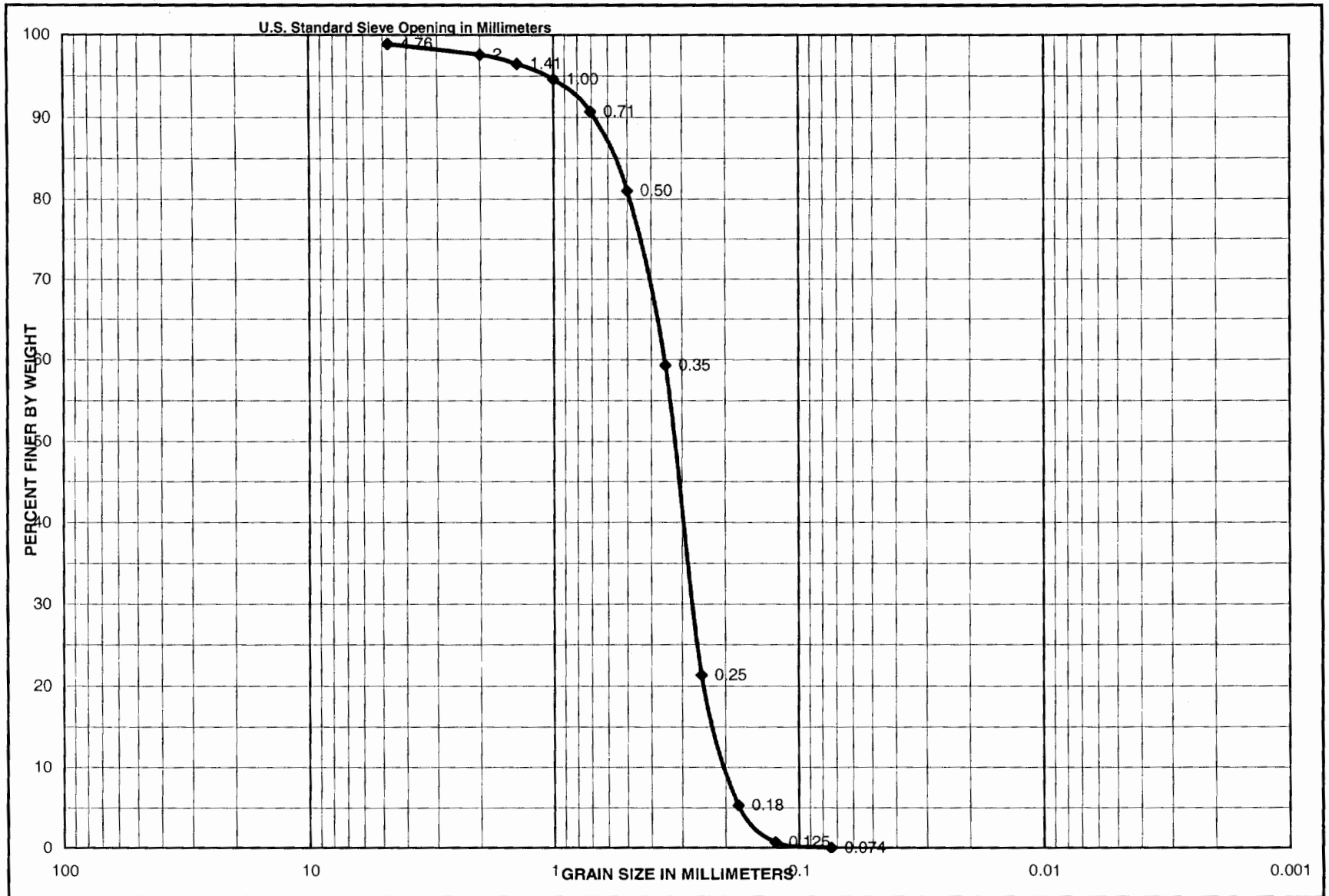
Sample No.	Depth (ft)	Classification	
2	47.0-47.5	Dark gray poorly graded sand with silt and	**Project** USACOE Various Sites
		little shells, SP-SM 19.11% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-9B
			Date 11/7/2005



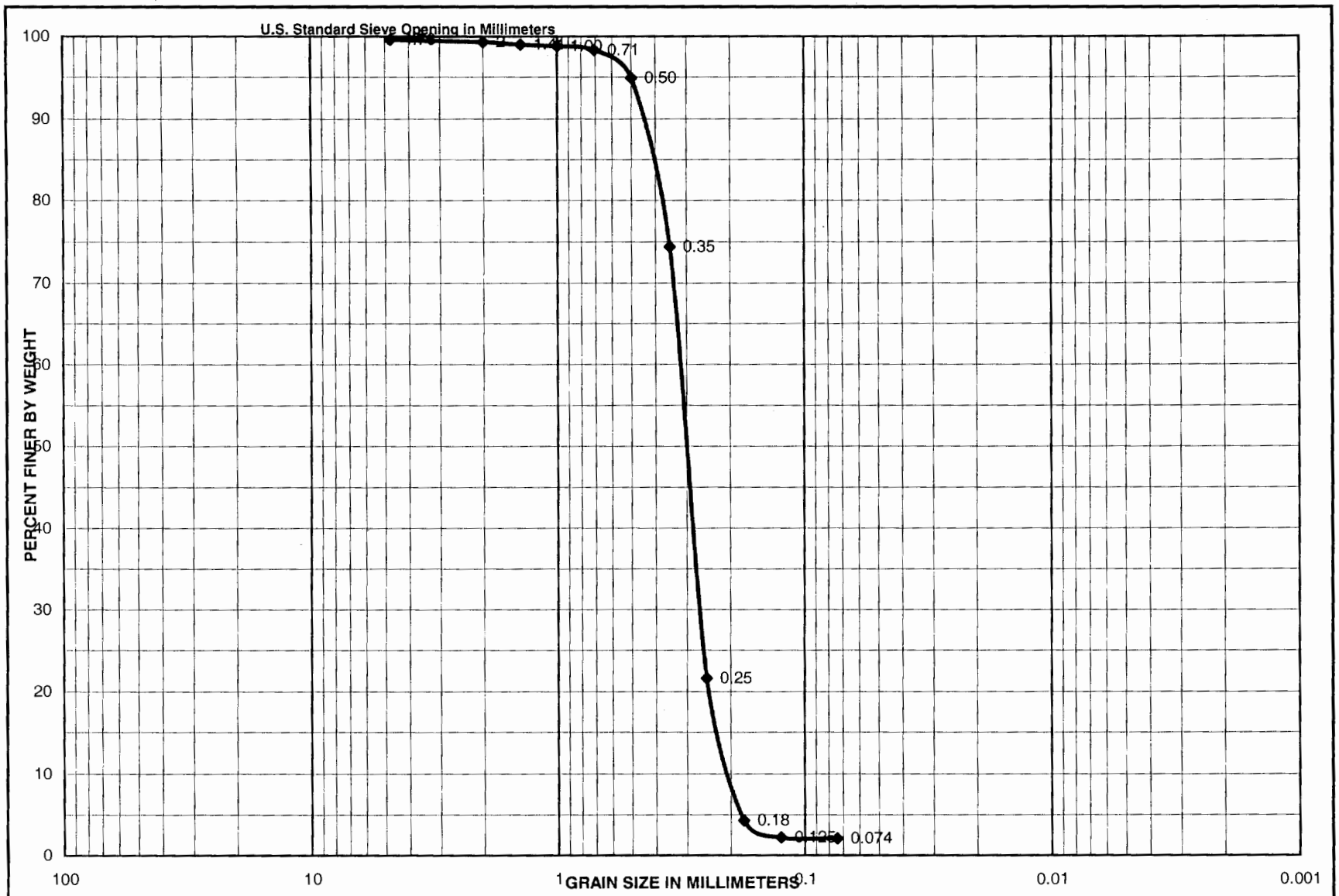
Sample No.	Depth (ft)	Classification	
3	50.0-50.5	Dark gray poorly graded sand with silt and some	**Project** USACOE Various Sites
		shells, SP-SM 36.27% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-9B
			Date 11/7/2005



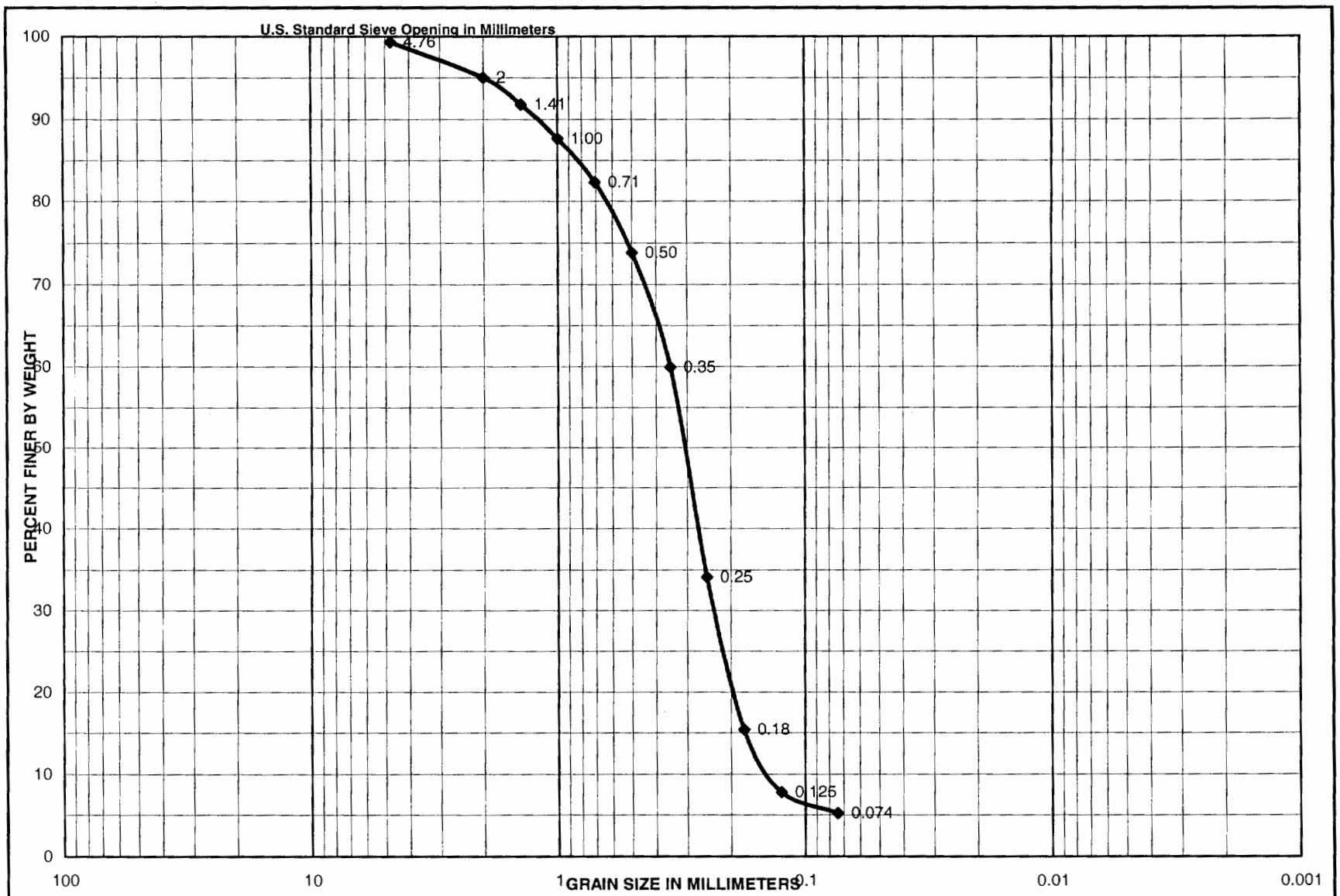
Sample No.	Depth (ft)	Classification	
6	59.0-59.5	Dark gray poorly graded sand with silt and	**Project** USACOE Various Sites
		little shells, SP-SM 18.16% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-9B
			Date 11/8/2005



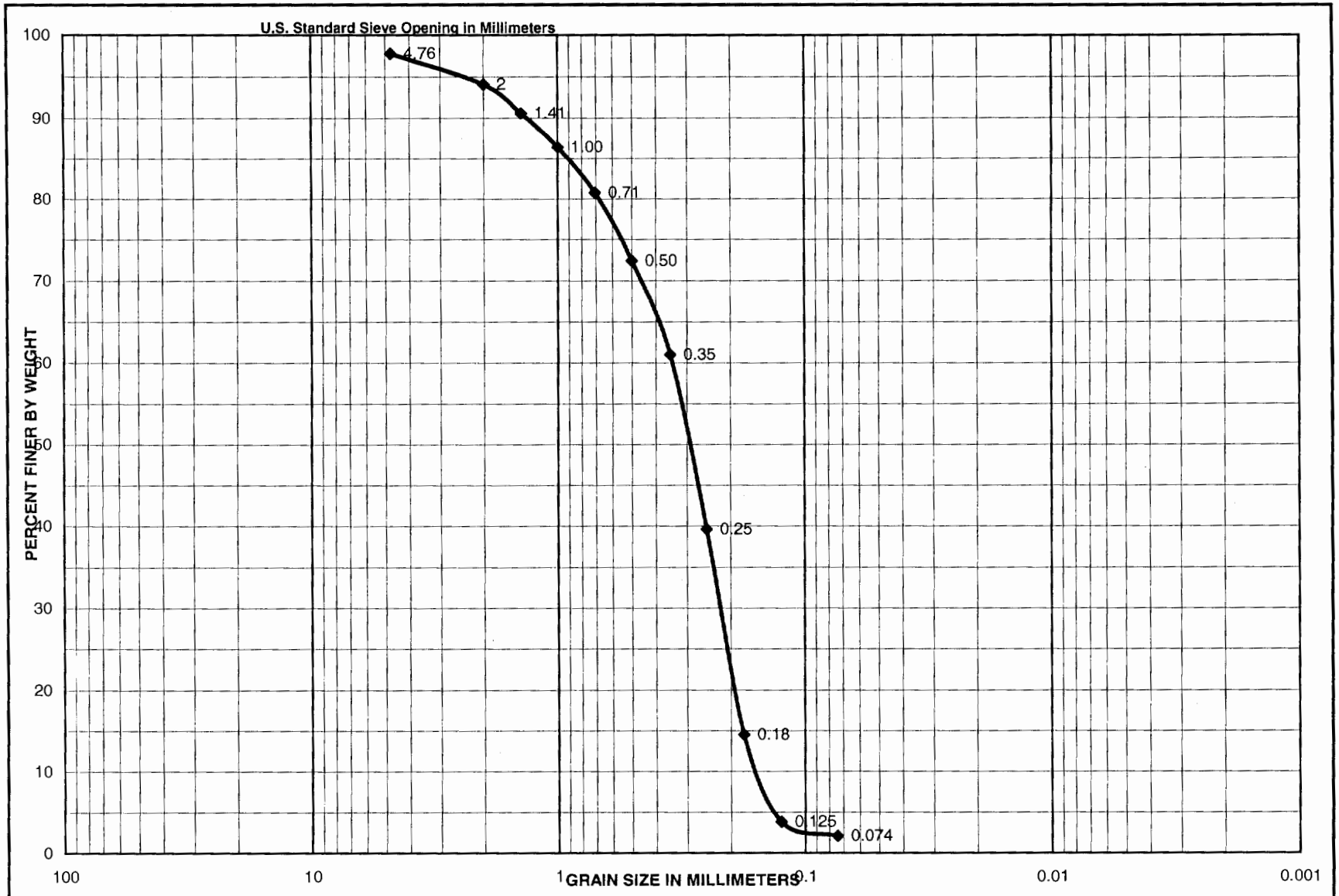
Sample No.	Depth (ft)	Classification	
2	20.8-21.3	Olive gray poorly graded sand with few shells, SP	**Project** USACOE Various Sites
		9.32% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-10
			Date 11/8/2005



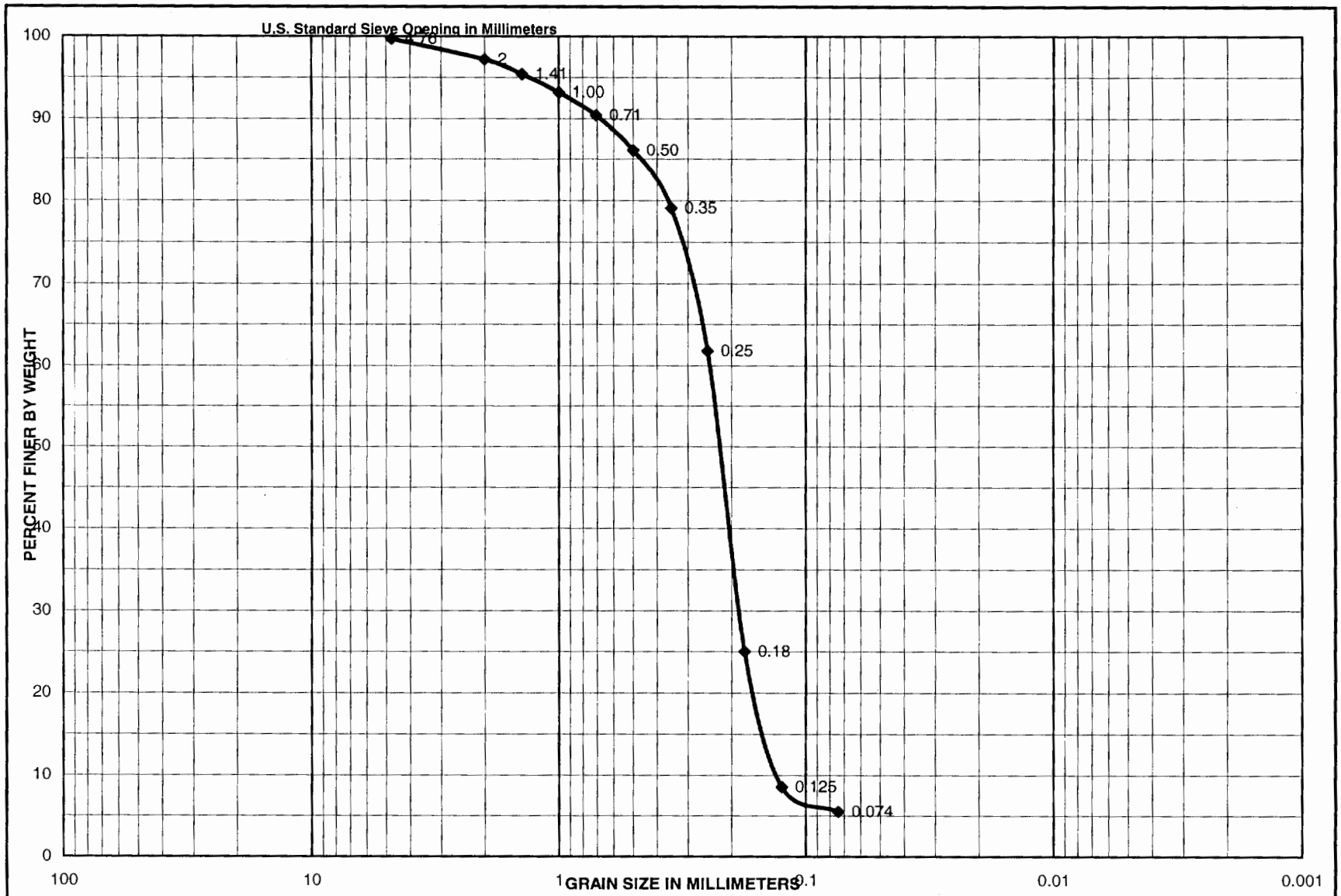
Sample No.	Depth (ft)	Classification	
1	19.5-20.0	Olive gray poorly graded sand with trace shells, SP	**Project** USACOE Various Sites
		1.72% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-10C
			Date 11/7/2005



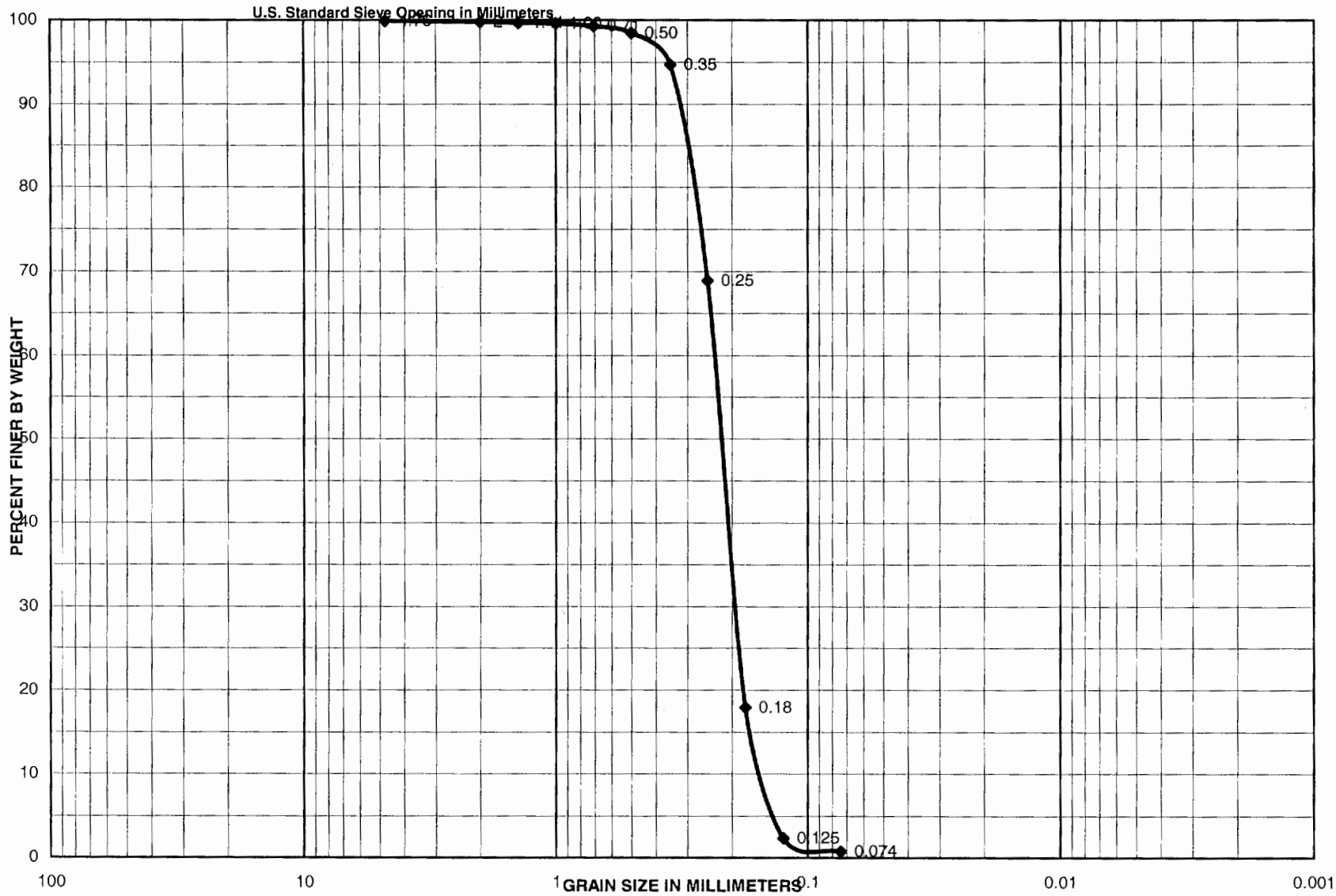
Sample No.	Depth (ft)	Classification	
4	25.0-25.5	Olive gray poorly graded sand with silt and	**Project** USACOE Various Sites
		few shells, SP-SM 12.27% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-10C
			Date 11/8/2005



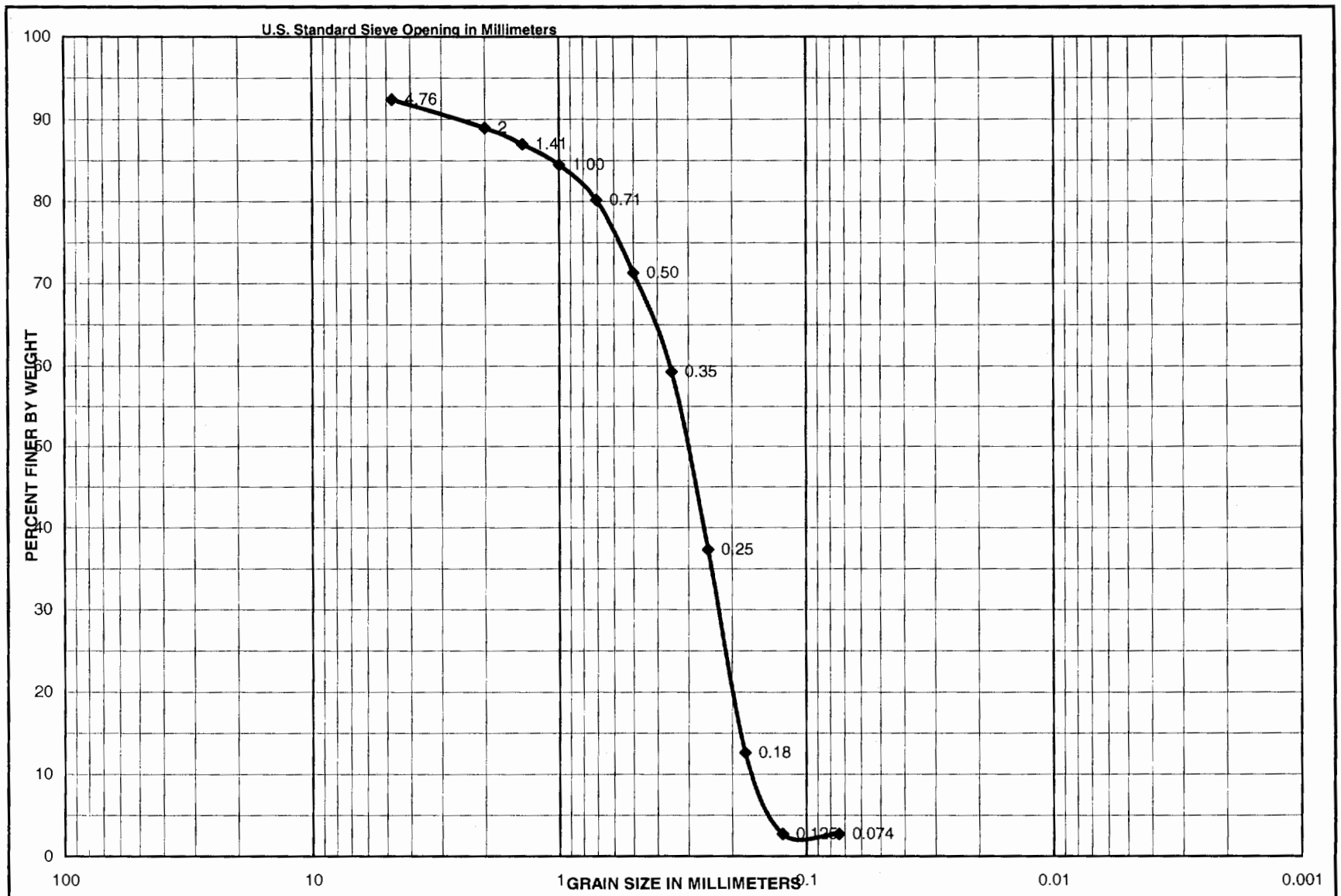
Sample No.	Depth (ft)	Classification		
2	43.8-44.3	Olive gray poorly graded sand with little shells, SP	**Project**	USACOE Various Sites
		19.24% Shells	**Area**	Morehead City 933
			CATLIN Geotechnical Laboratory	
			Boring No.	MOB-05-V-11
			Date	11/7/2005



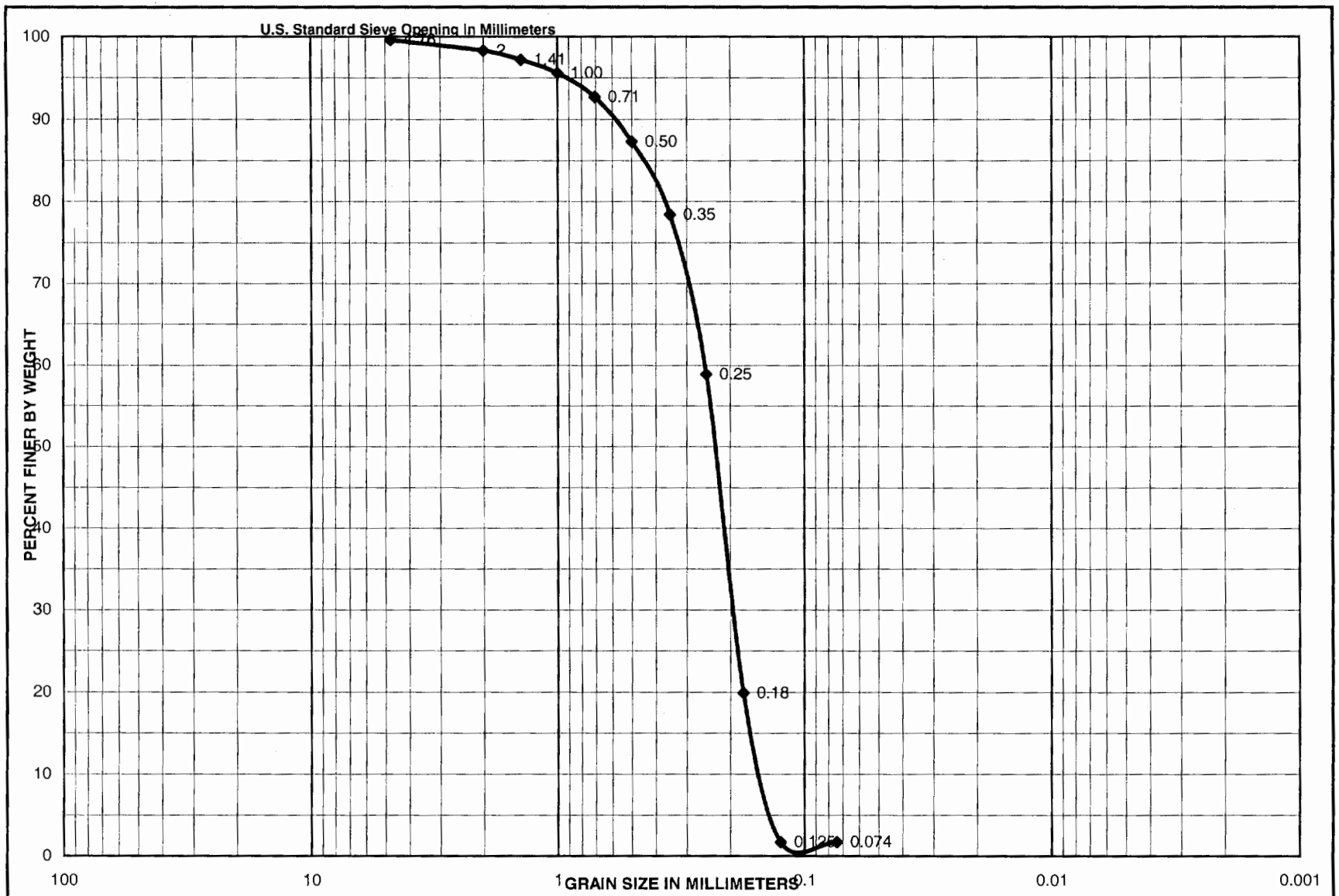
Sample No.	Depth (ft)	Classification	
2	46.4-46.9	Olive to dark gray poorly graded sand with silt and	**Project** USACOE Various Sites
		few shells, SP-SM 6.78% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-11A
			Date 11/7/2005



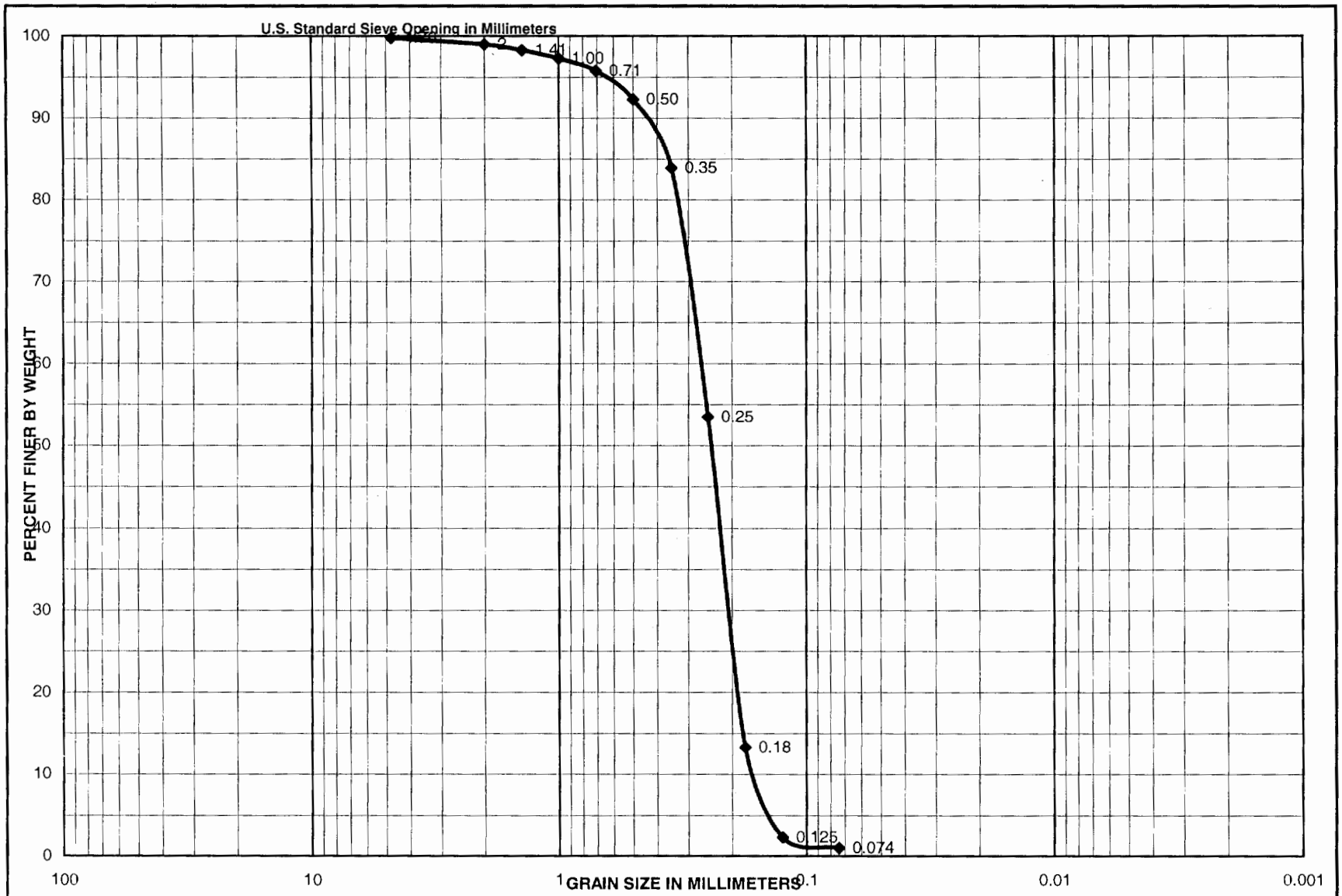
Sample No.	Depth (ft)	Classification	
2	48-48.5	Olive gray poorly graded sand with trace shells, SP	**Project** USACOE Various Sites
		0.44% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-11B
			Date 11/7/2005



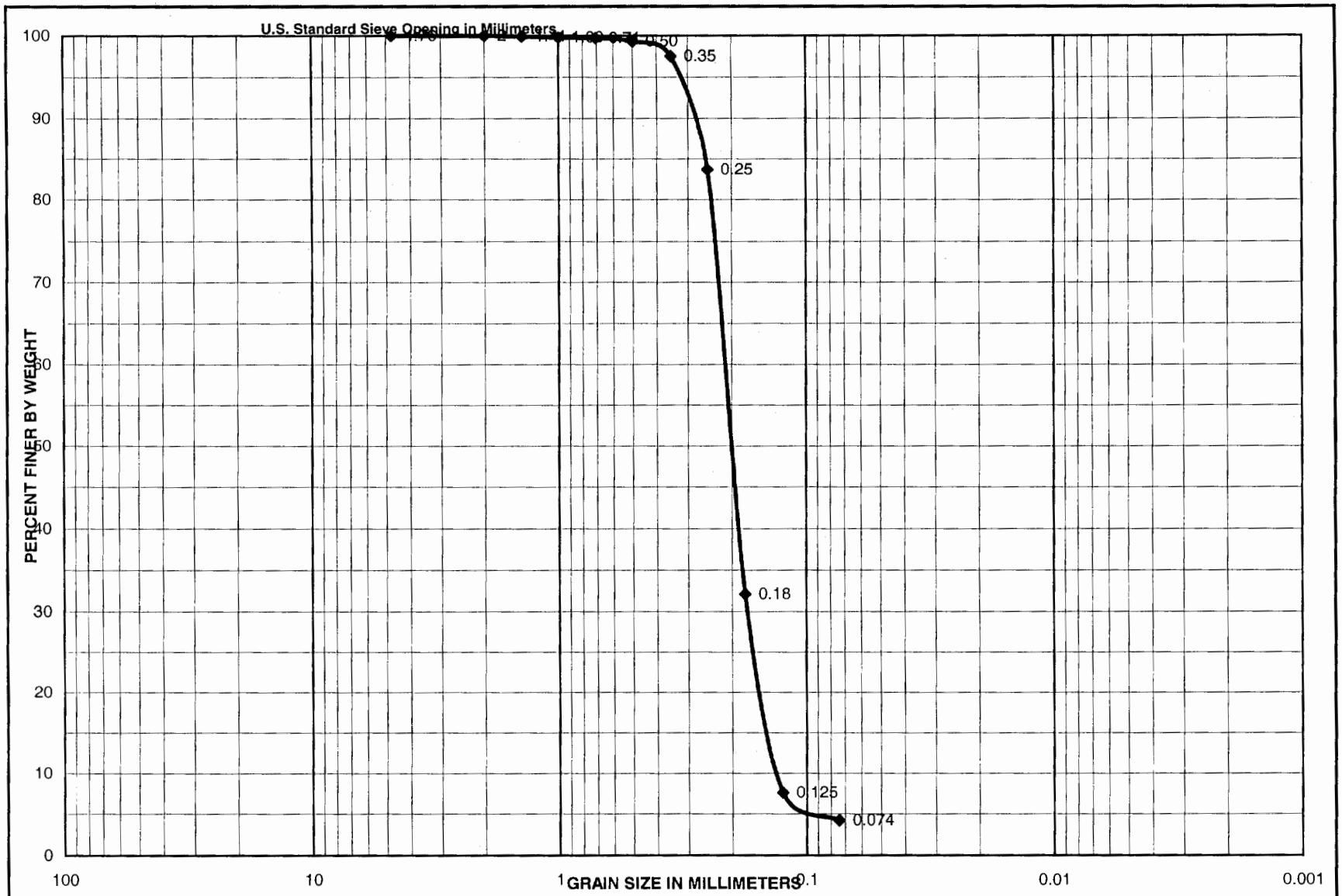
Sample No.	Depth (ft)	Classification	
4	51.5-52.0	Olive gray poorly graded sand with little shells, SP	**Project** USACOE Various Sites
		19.85% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-11B
			Date 11/7/2005



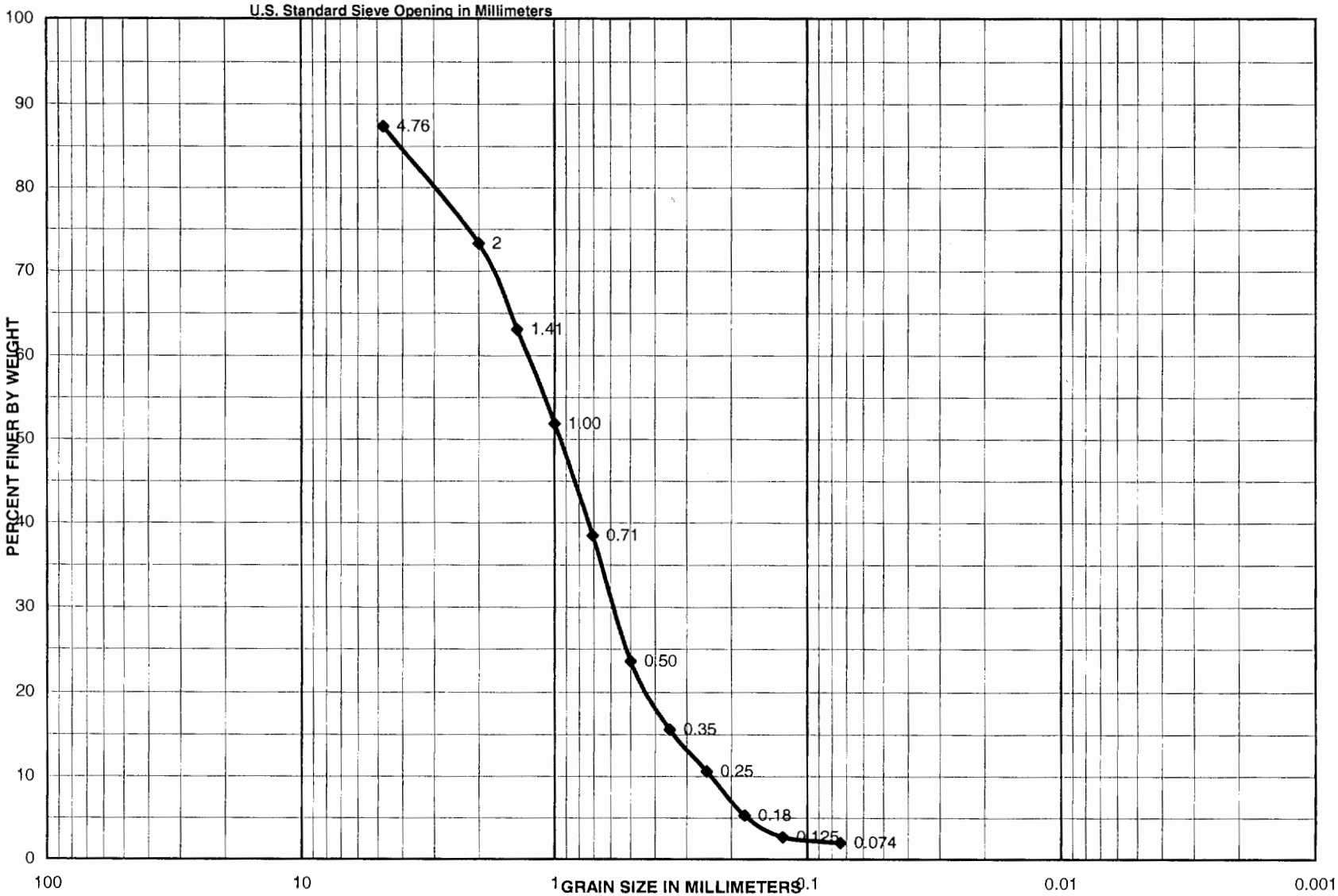
Sample No.	Depth (ft)	Classification	
2	37.9-38.4	Olive gray poorly graded sand with few shells, SP	**Project** USACOE Various Sites
		7.27% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-12
			Date 11/7/2005



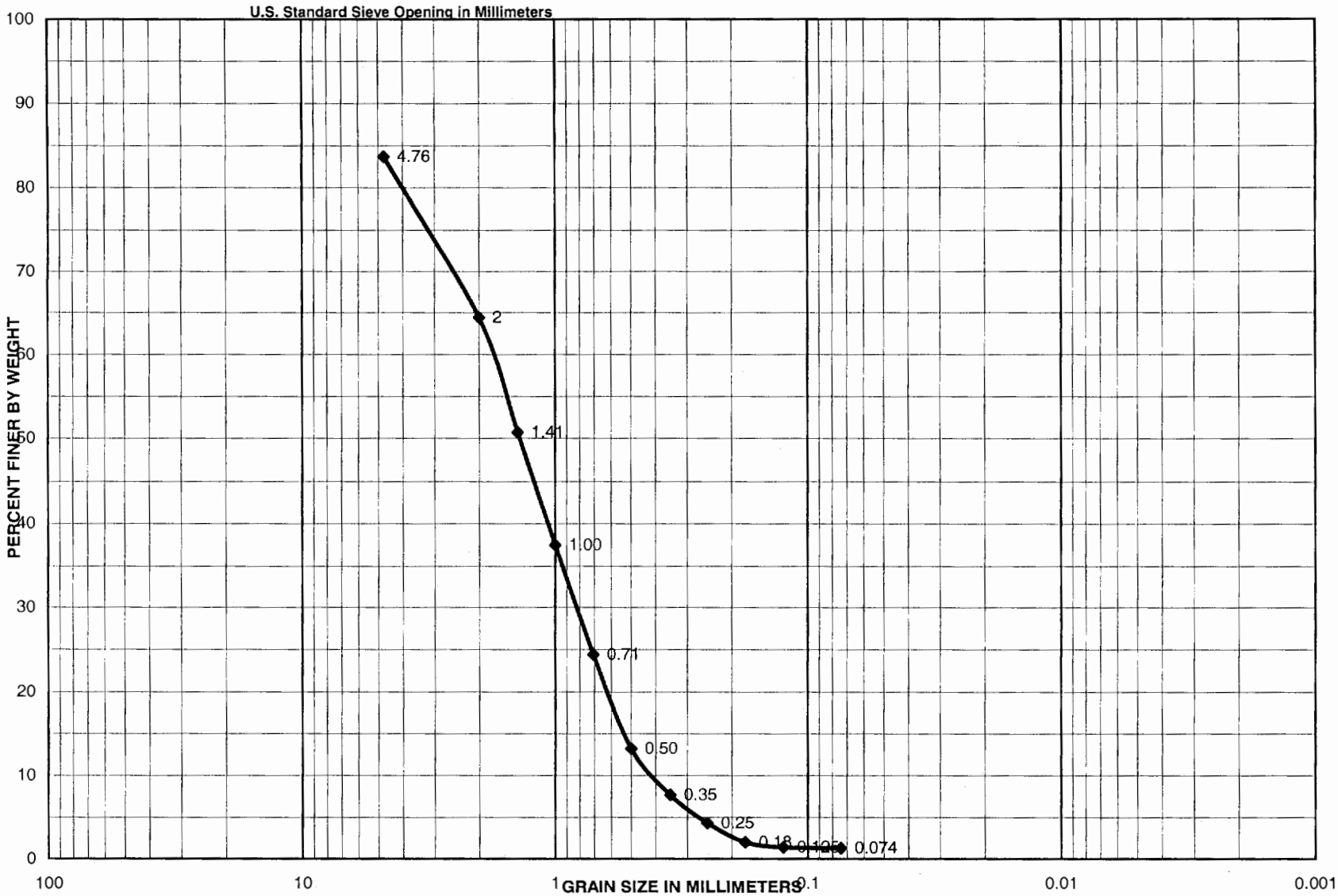
Sample No.	Depth (ft)	Classification	
3	41.0-41.5	Light to olive gray poorly graded sand with trace shells, SP	**Project** USACOE Various Sites
		4.21% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-12B
			Date 11/7/2005



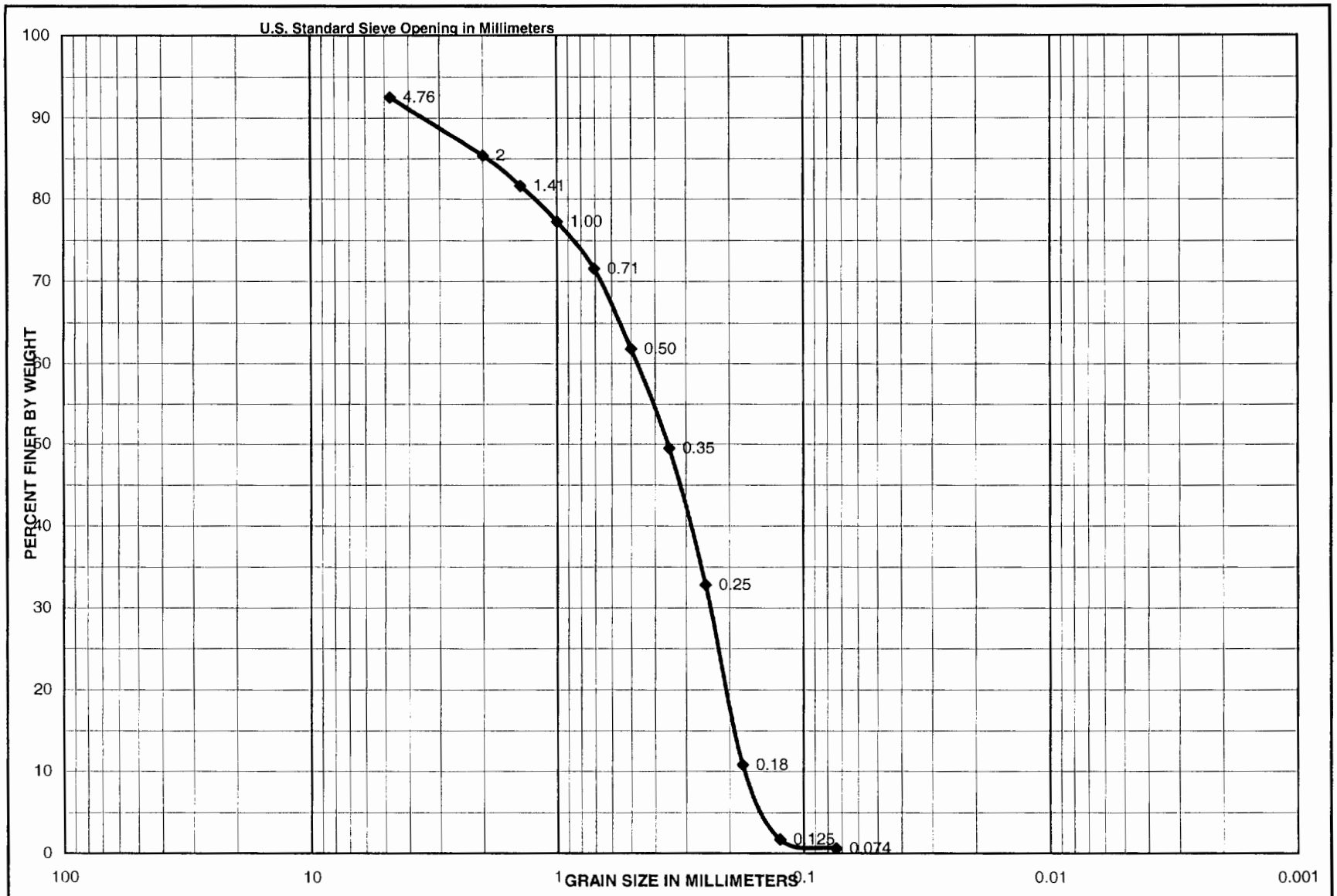
Sample No.	Depth (ft)	Classification	
6	45.1-45.6	Olive gray poorly graded sand with trace shells, SP	**Project** USACOE Various Sites
		0.15% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-12B
			Date 11/7/2005



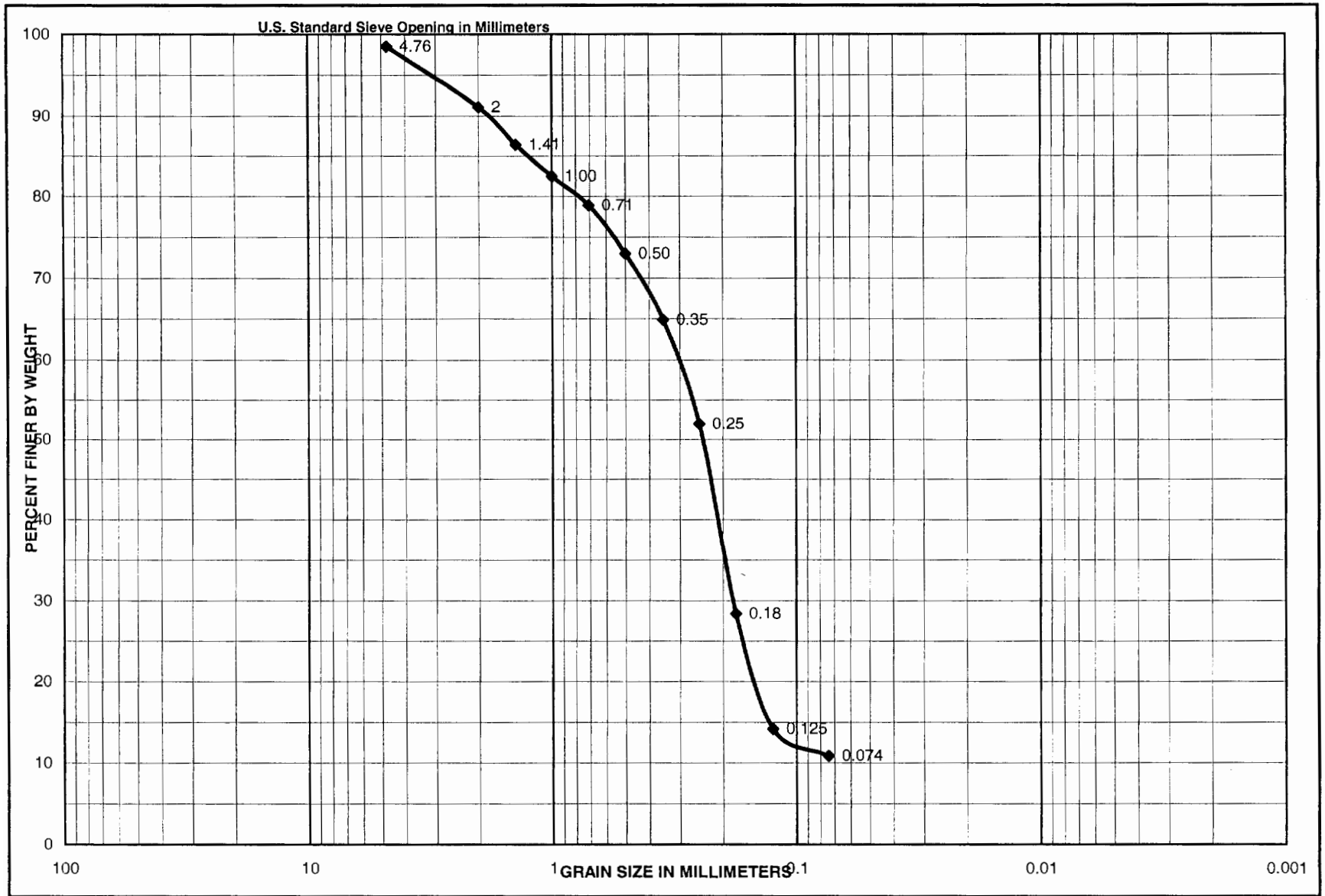
Sample No.	Depth (ft)	Classification		
2	20.4-20.9	Light gray poorly graded sand with mostly shells, SP	**Project**	USACOE Various Sites
		48.14% Shells	**Area**	Morehead City 933
			CATLIN Geotechnical Laboratory	
			Boring No.	MOB-05-V-13
			Date	11/7/2005



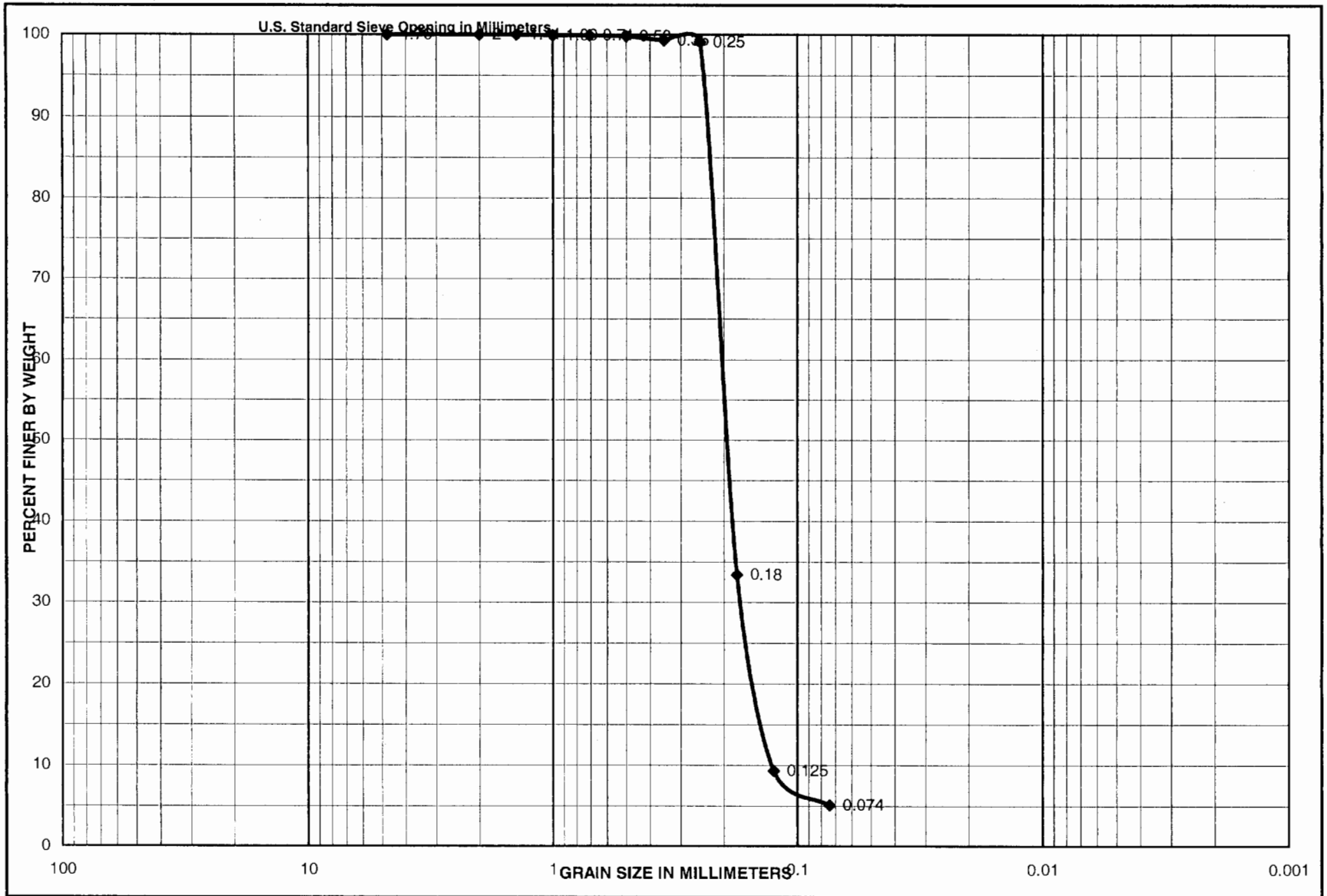
Sample No.	Depth (ft)	Classification	
2	18.0-18.5	Olive gray poorly graded sand with mostly shells, SP	**Project** USACOE Various Sites
		75.55% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-13A
			Date 11/7/2005



Sample No.	Depth (ft)	Classification		
4	45.0-45.5	Olive gray poorly graded sand with some shells, SP	**Project**	USACOE Various Sites
		28.45% Shells	**Area**	Morehead City 933
			CATLIN Geotechnical Laboratory	
			Boring No.	MOB-05-V-14
			Date	11/7/2005



Sample No.	Depth (ft)	Classification	
5	46.0-46.5	Dark gray poorly graded sand with silt and	**Project** USACOE Various Sites
		little shells, SP-SM 21.15% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-14
			Date 11/7/2005



Sample No.	Depth (ft)	Classification	
1	44.3-44.8	Olive gray poorly graded sand with silt and	**Project** USACOE Various Sites
		trace shells, SP-SM 0.10% Shells	**Area** Morehead City 933
			CATLIN Geotechnical Laboratory
			Boring No. MOB-05-V-15
			Date 11/8/2005