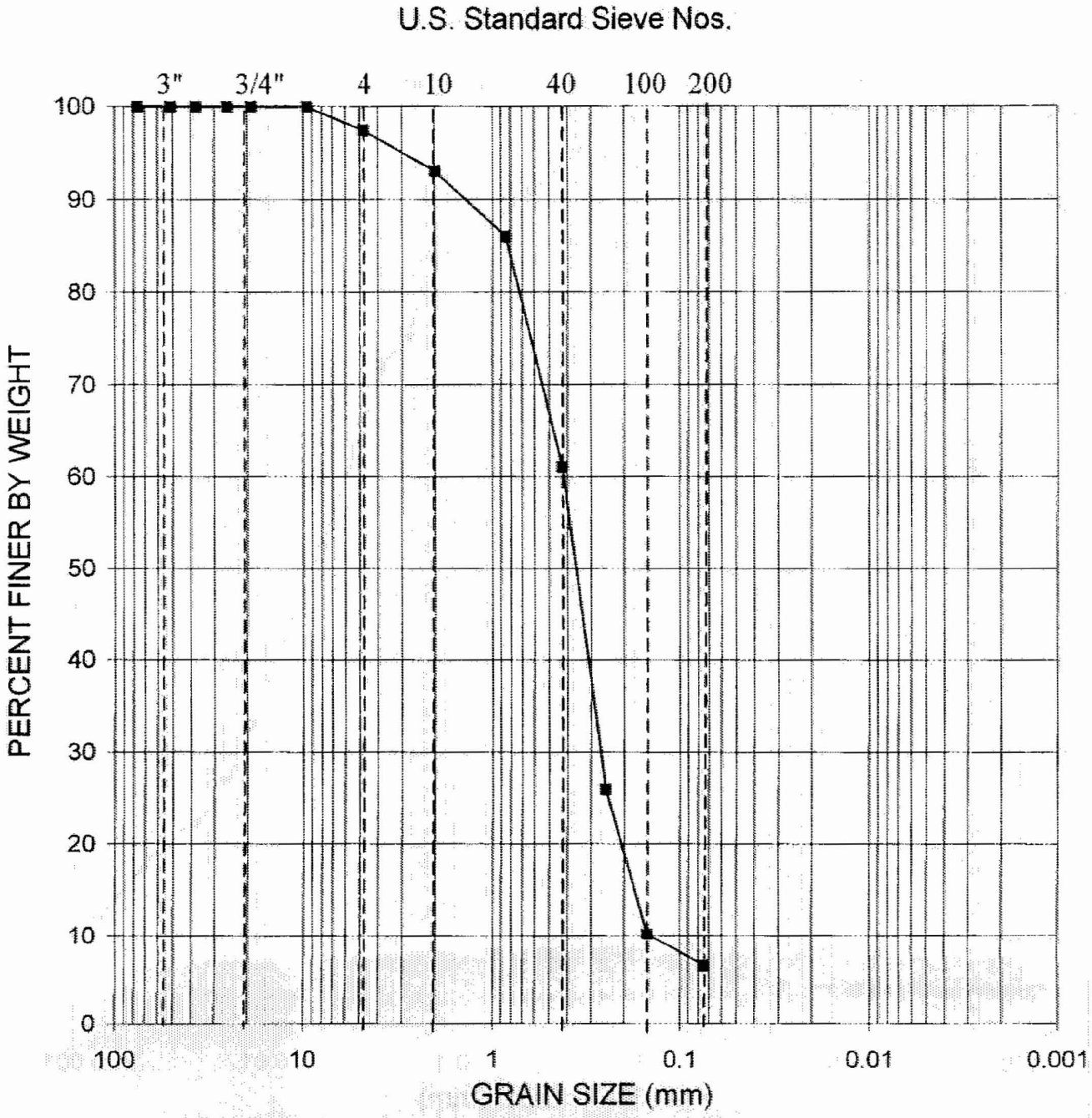


GRADATION CURVE

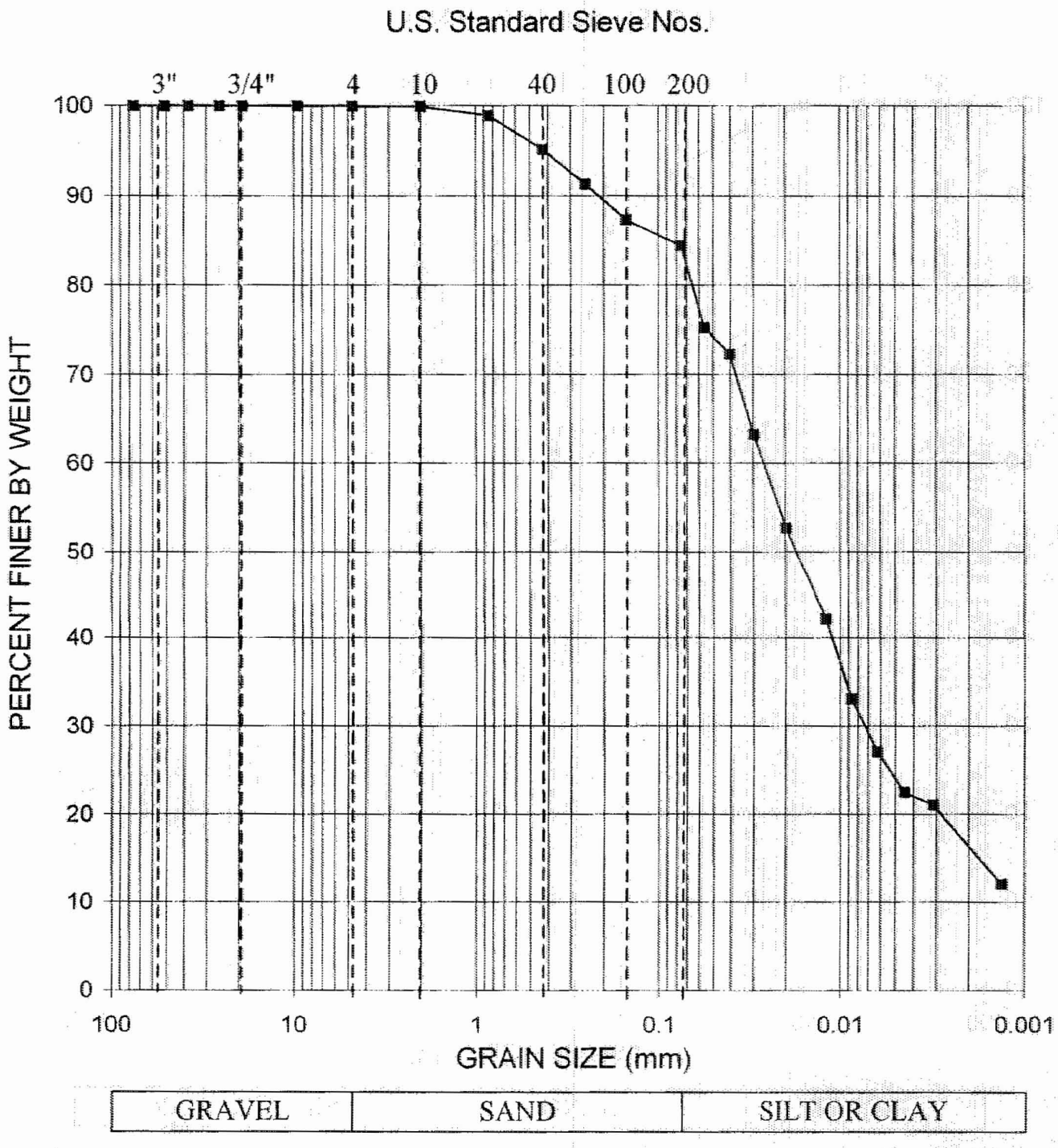
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs NuclearPower Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	8/29/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
TP-B-717	7.0-8.0	Poorly Graded SAND, with silt, trace gravel, light brown	SP-SM		

Schnabel

Schnabel Engineering



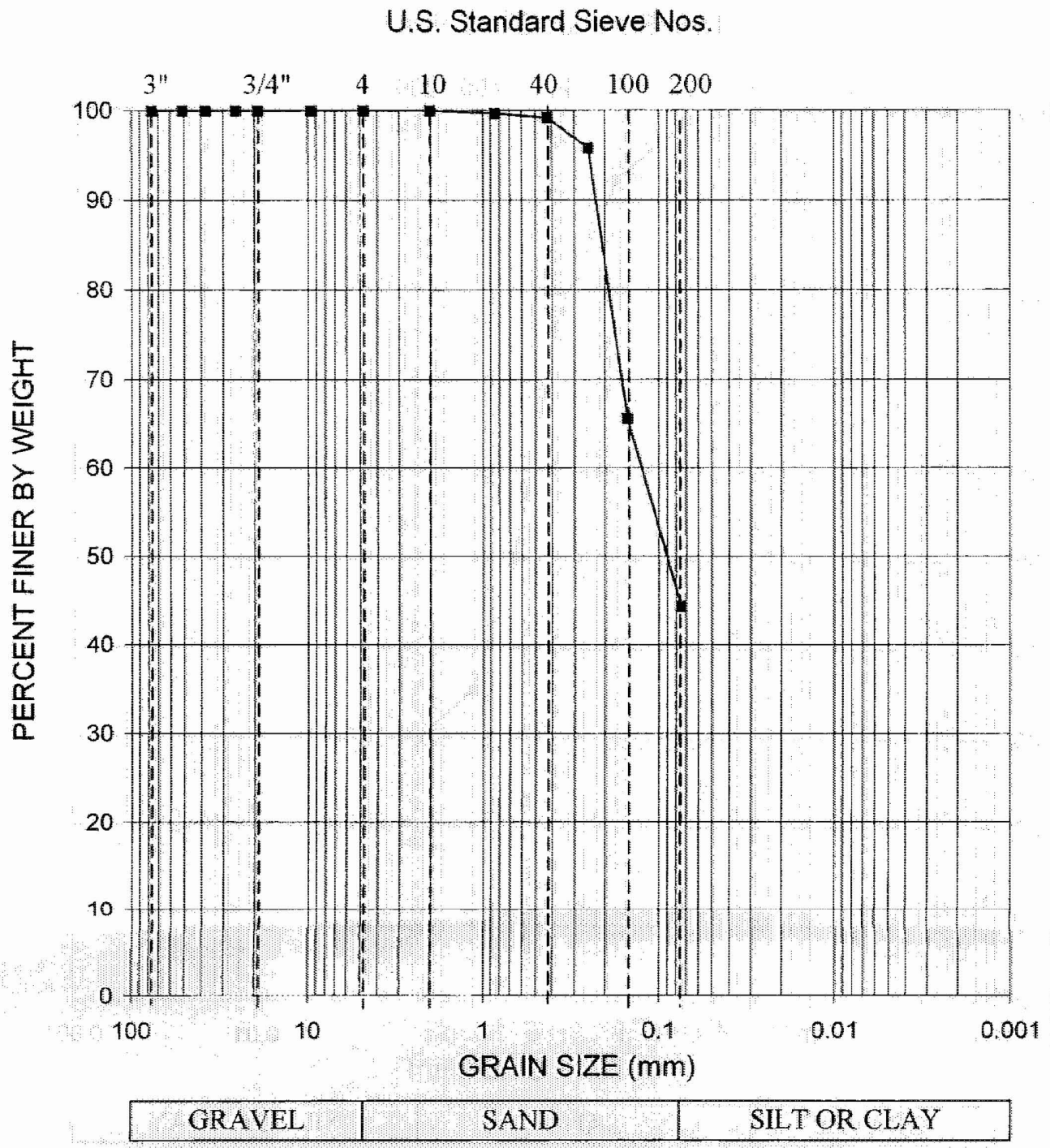
GRADATION CURVE

ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs NuclearPower Plant (CCNPP), Calvert County, Maryland		Contract No.: 06120048.00		Date: 9/15/2006
Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
TP-B-719	0.5-1.5	LEAN CLAY, with sand, dark brown	CL	35	13

Schnabel

Schnabel Engineering



GRADATION CURVE

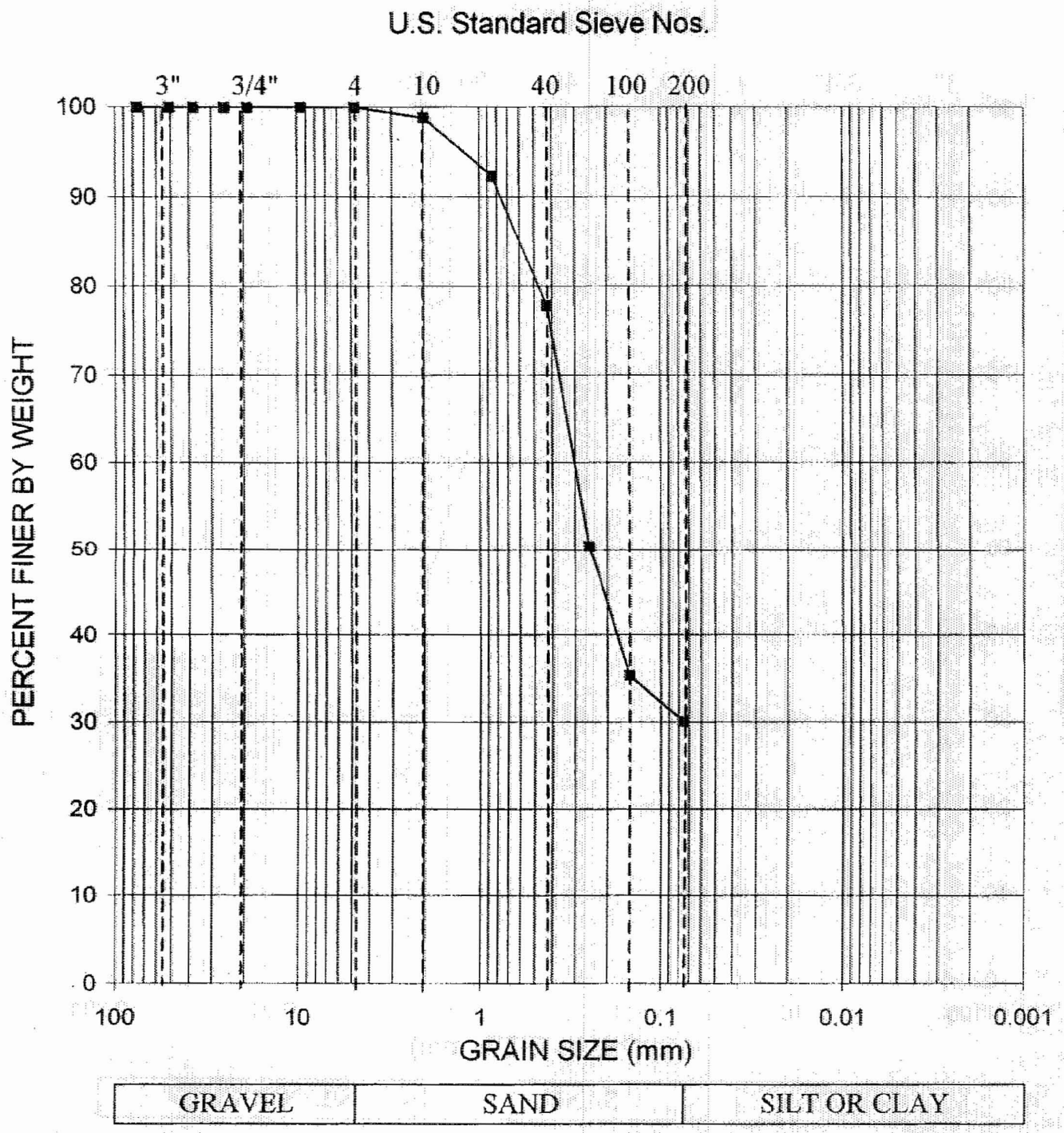
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs NuclearPower Plant (CCNPP), Calvert County, Maryland	Contract No.	06120048.00	Date:	8/29/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
TP-B-719	7.0-8.0	Silty SAND, gray	SM		

Schnabel

Schnabel Engineering



GRADATION CURVE

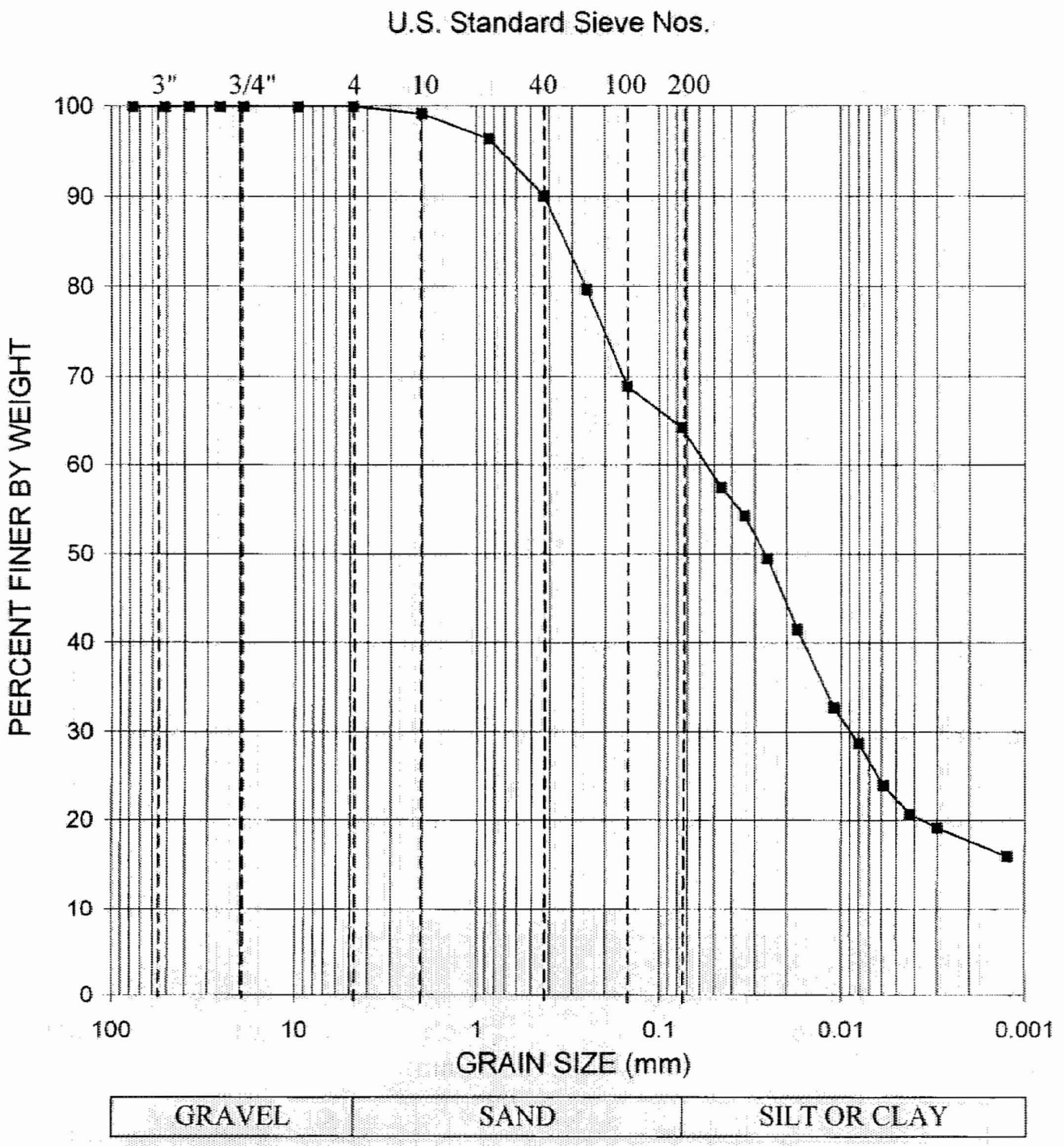
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs NuclearPower Plant (CCNPP), Calvert County, Maryland	Contract No.: 06120048.00	Date: 9/9/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
TP-B-727	6.0-7.0	Silty SAND, dark brown	SM		

Schnabel

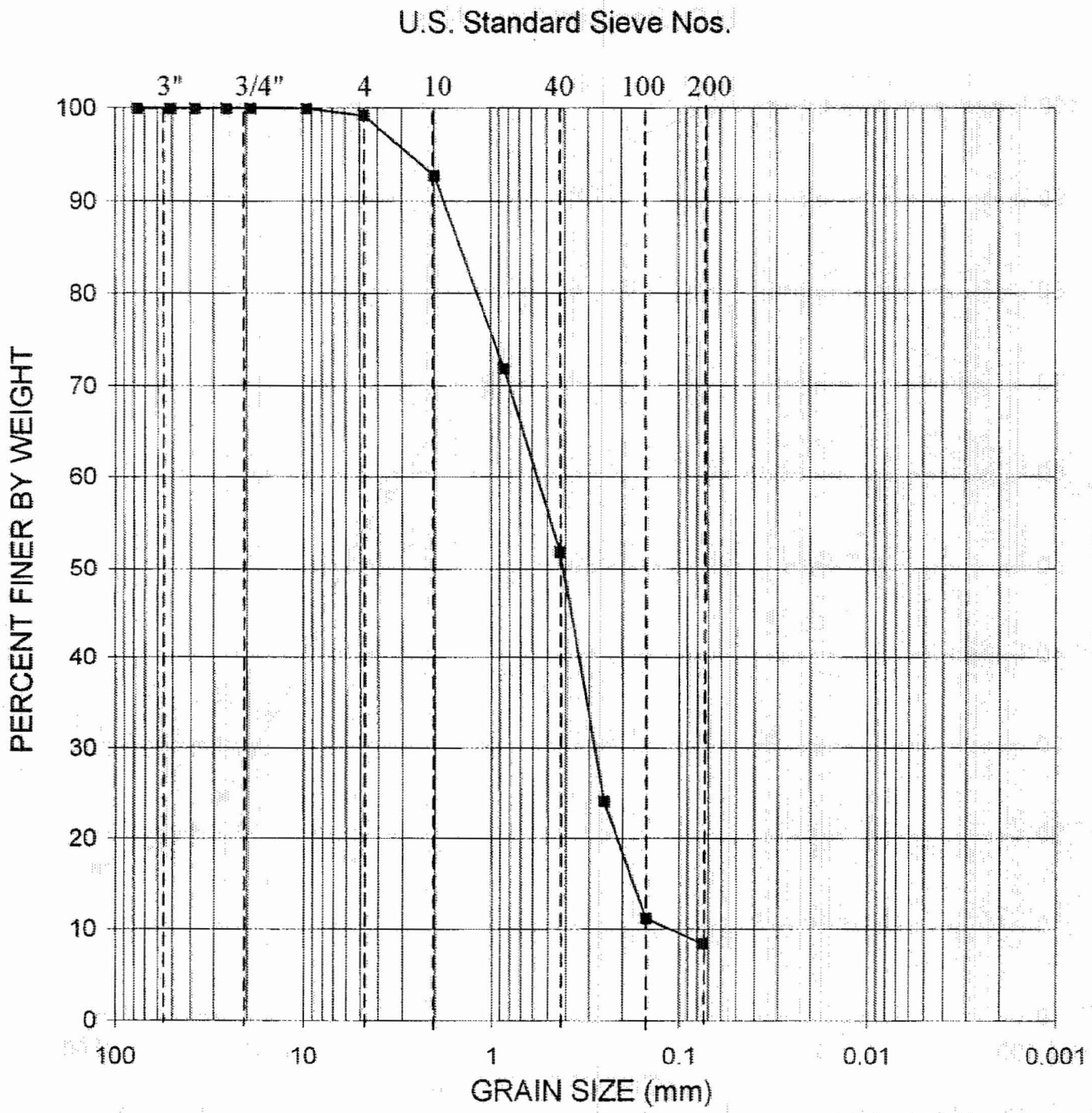
Schnabel Engineering



GRADATION CURVE

ASTM D422

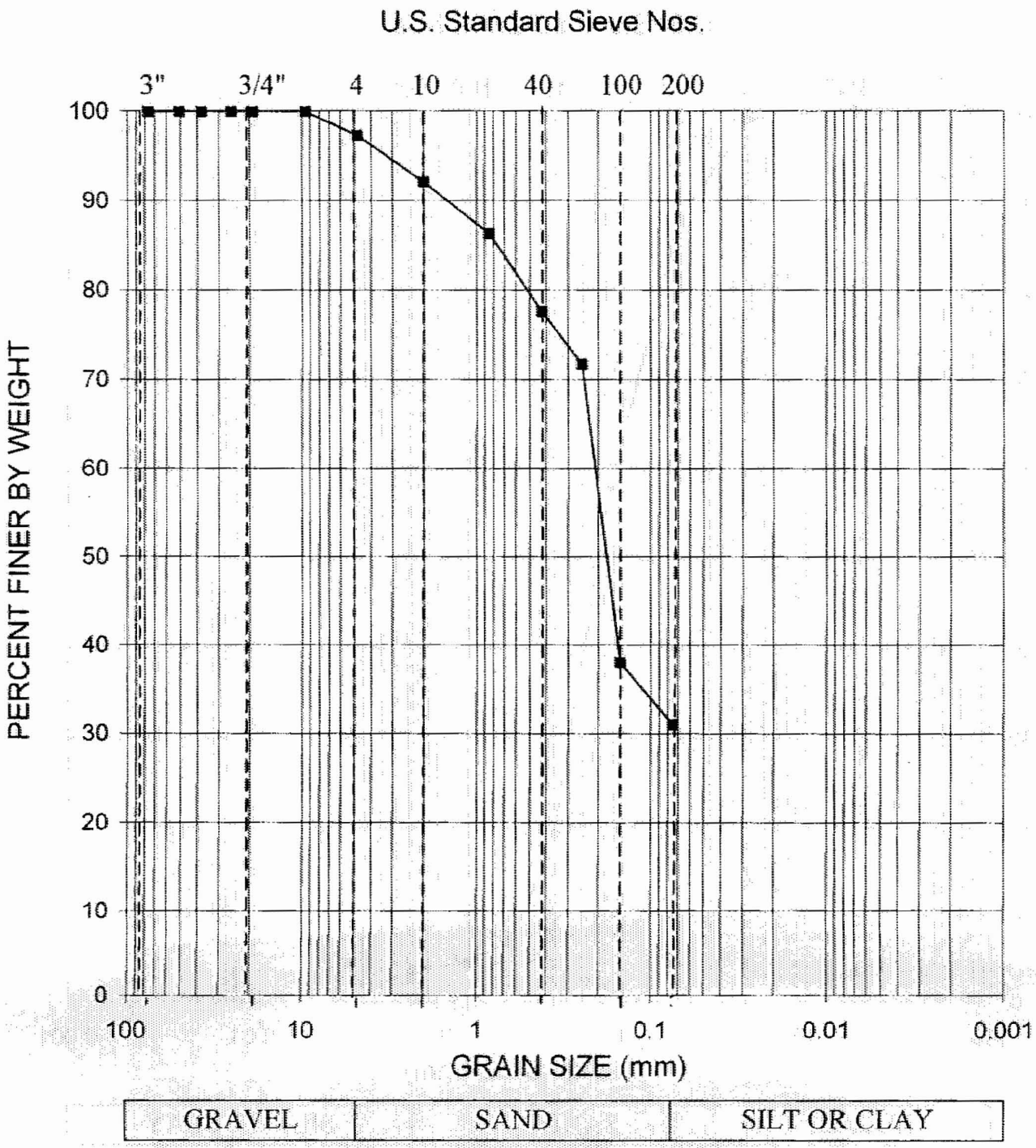
Project:	Constellation Energy Group COLA Project, Calvert Cliffs NuclearPower Plant (CCNPP), Calvert County, Maryland		Contract No.:	06120048.00	Date:	9/18/2006
Boring No.	Depth (ft)	Sample Description	Class.	LL	PI	
TP-B-744	1.5-2.5	Sandy LEAN CLAY, dark brown	CL	25	8	Schnabel Engineering



GRADATION CURVE

ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs NuclearPower Plant (CCNPP), Calvert County, Maryland		Contract No.:	06120048.00	Date:	9/15/2006
Boring No.	Depth (ft)	Sample Description	Class.	LL	PI	
TP-B-758	2.0-3.0	Poorly Graded SAND, with silt, trace gravel, brown	SP-SM			Schnabel Engineering



GRADATION CURVE

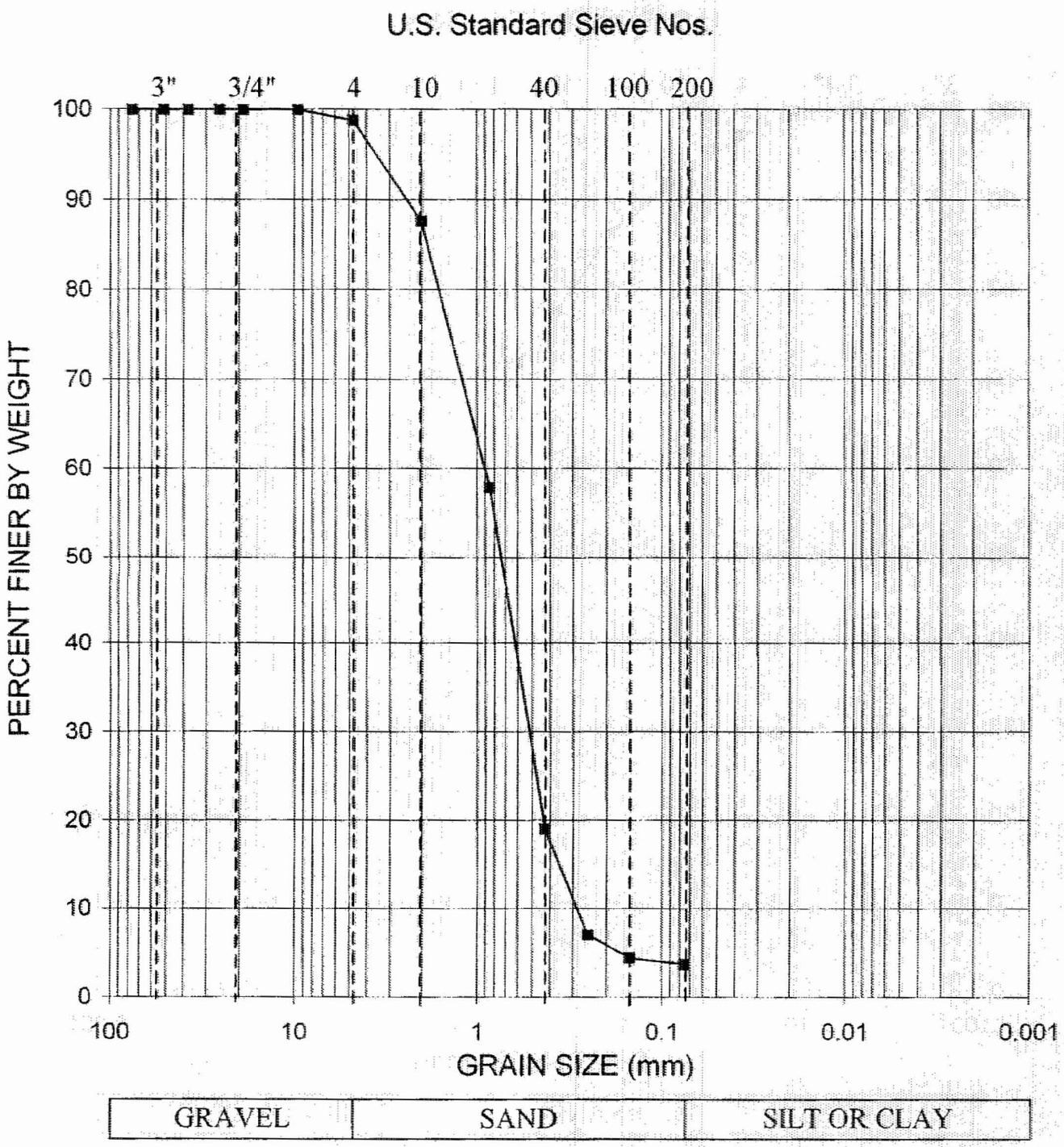
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs NuclearPower Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	9/15/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
TP-B-758	7.5-8.5	Silty SAND, trace gravel, light brown	SM		

Schnabel

Schnabel Engineering

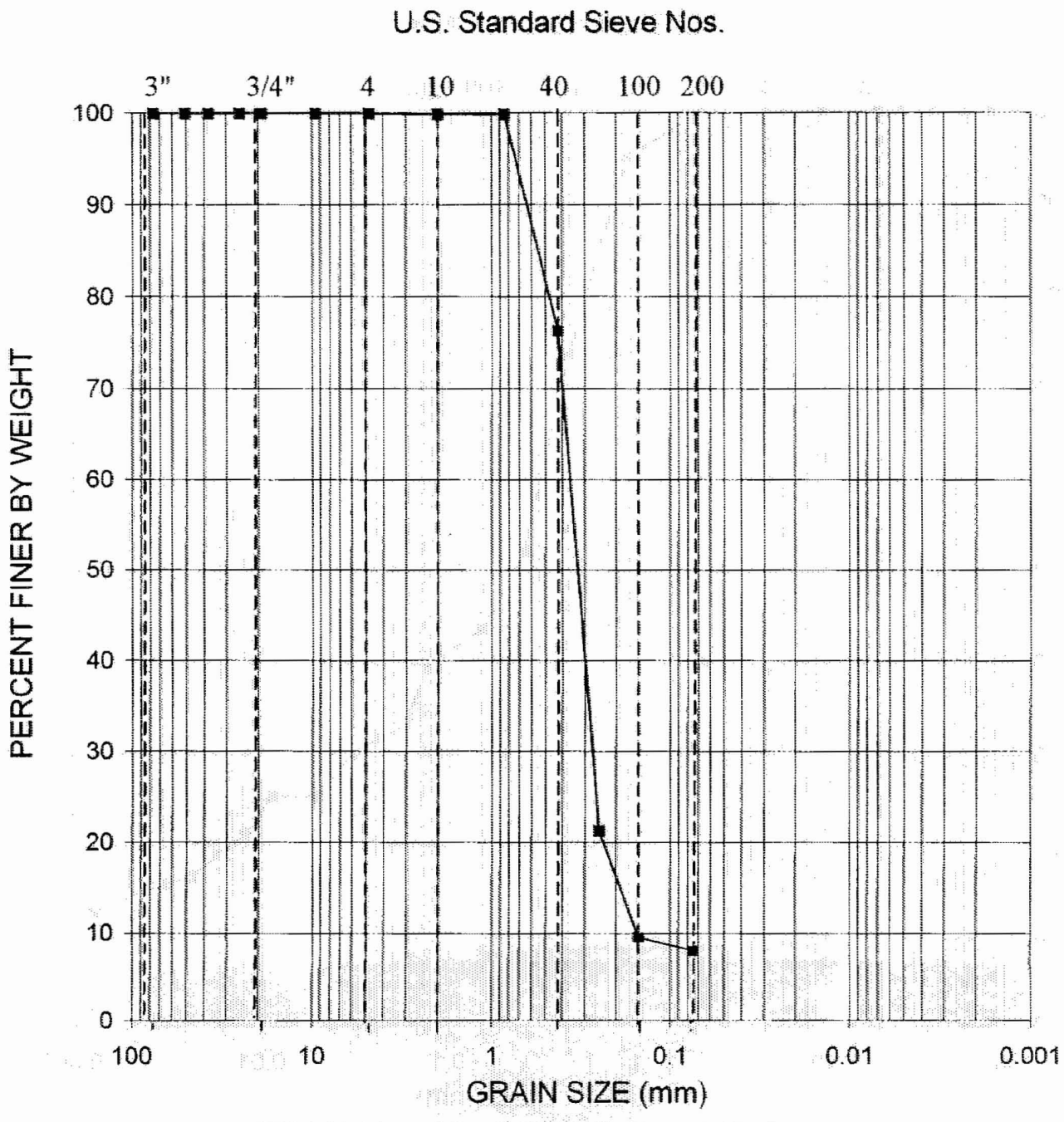


GRADATION CURVE

ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs NuclearPower Plant (CCNPP), Calvert County, Maryland		Contract No.	06120048.00	Date:	8/31/2006
Boring No.	Depth (ft)	Sample Description	Class.	LL	PI	
TP-C-309	2.0-3.0	Poorly Graded SAND, trace silt and gravel, brown	SP			

Schnabel Engineering



GRAVEL	SAND	SILT OR CLAY

GRADATION CURVE

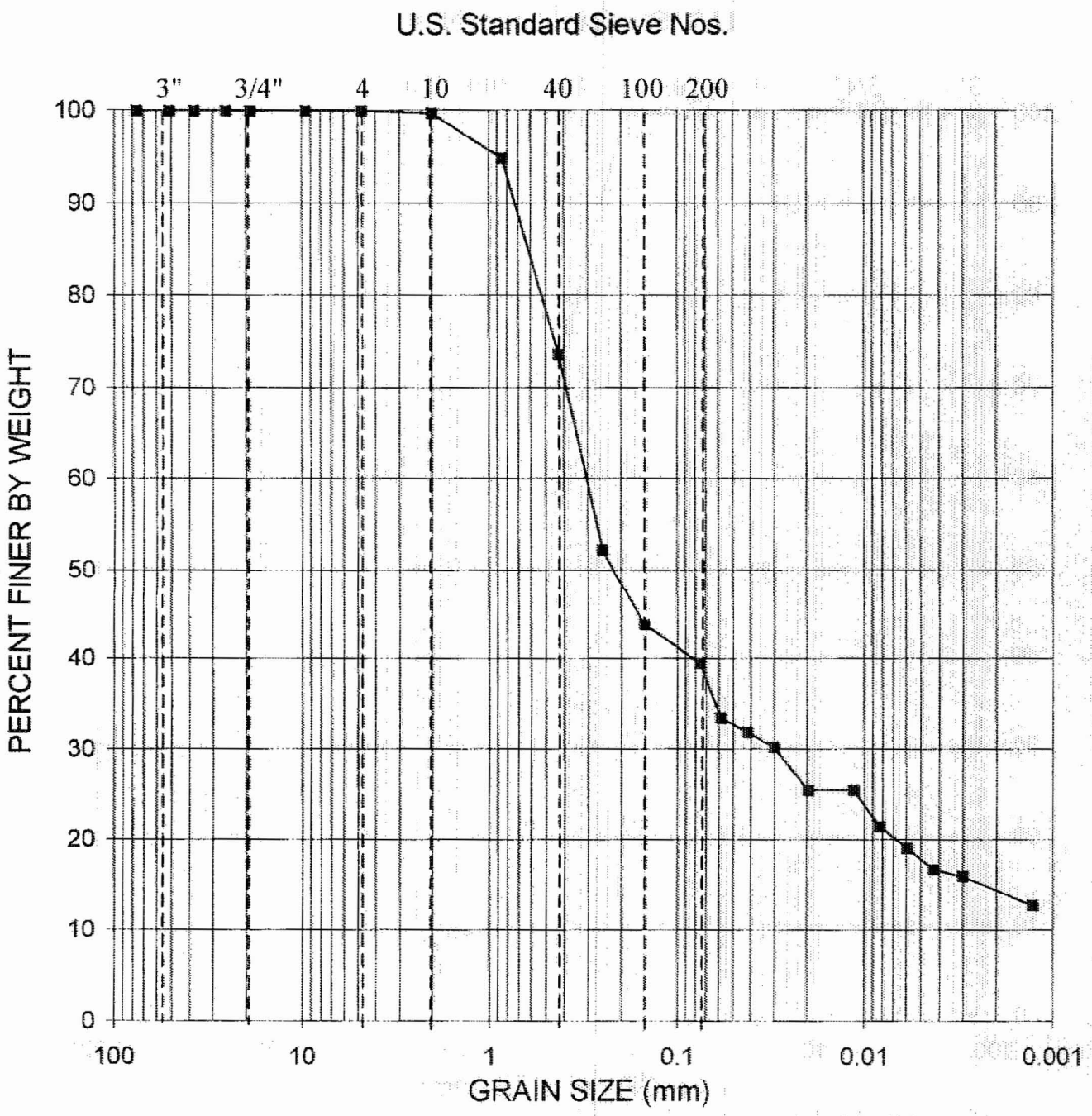
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs NuclearPower Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	8/28/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
TP-C-309	7.0-8.0	Poorly Graded SAND, with silt, light brown	SP-SM		

Schnabel

Schnabel Engineering

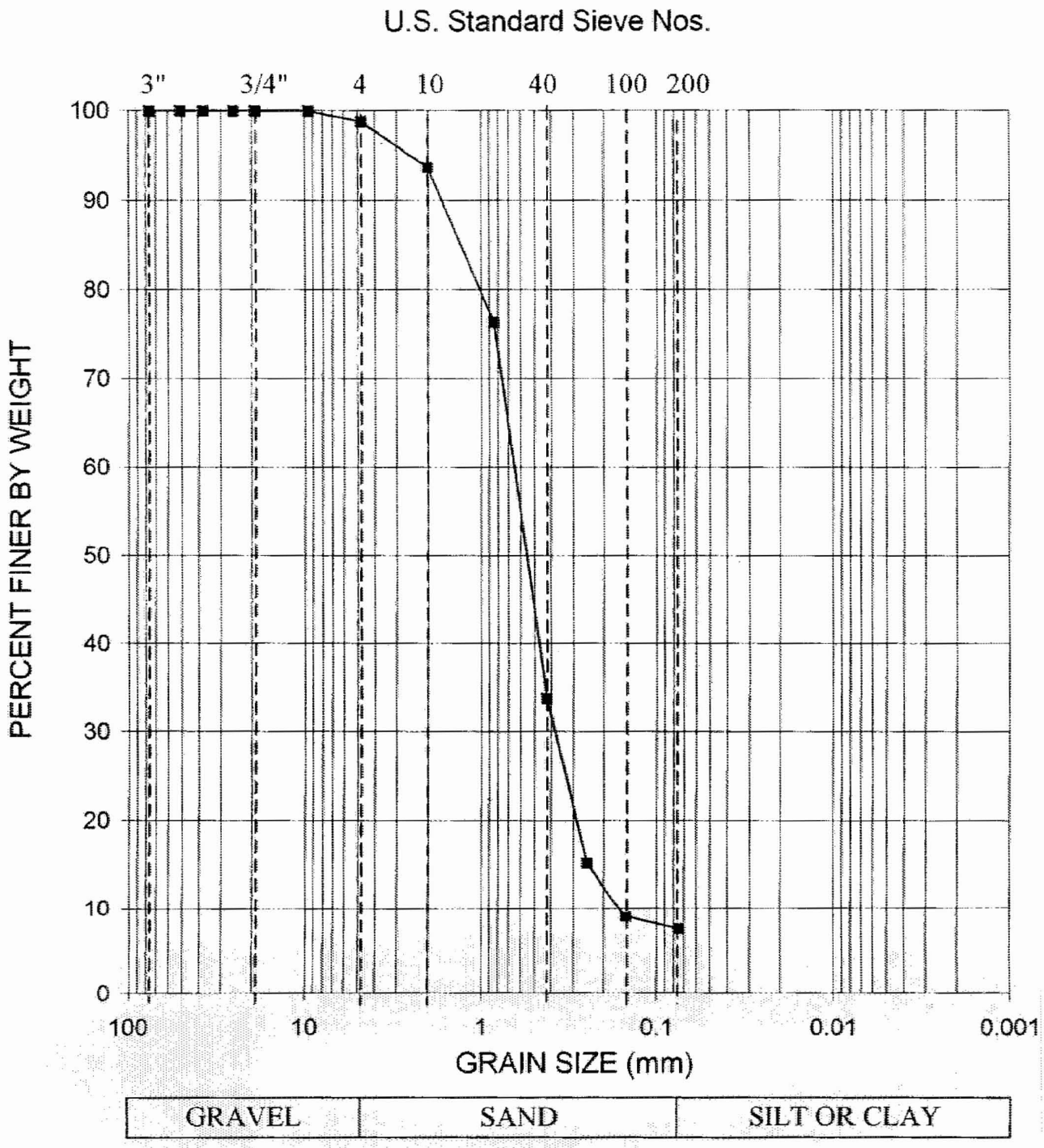


GRADATION CURVE

ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs NuclearPower Plant (CCNPP), Calvert County, Maryland		Contract No.:	06120048.00	Date:	9/13/2006
Boring No.	Depth (ft)	Sample Description	Class.	LL	PI	
TP-C-723	2.5-3.5	Clayey SAND, dark brown	SC	30	15	

Schnabel Engineering



GRADATION CURVE

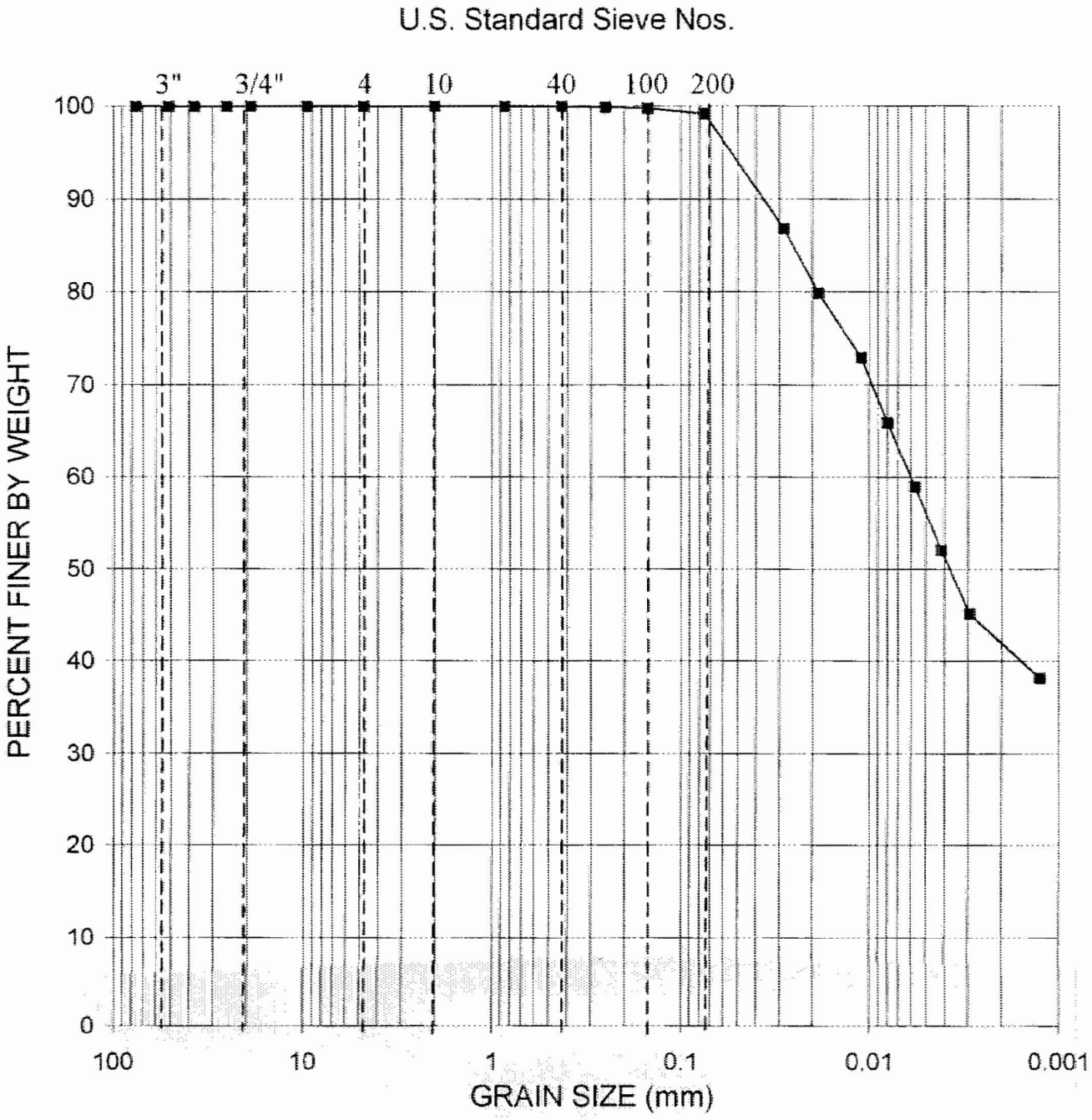
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs NuclearPower Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	9/11/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
TP-C-723	6.0-7.0	Poorly Graded SAND, with silt, trace gravel, brown	SP-SM		

Schnabel

Schnabel Engineering



GRADATION CURVE

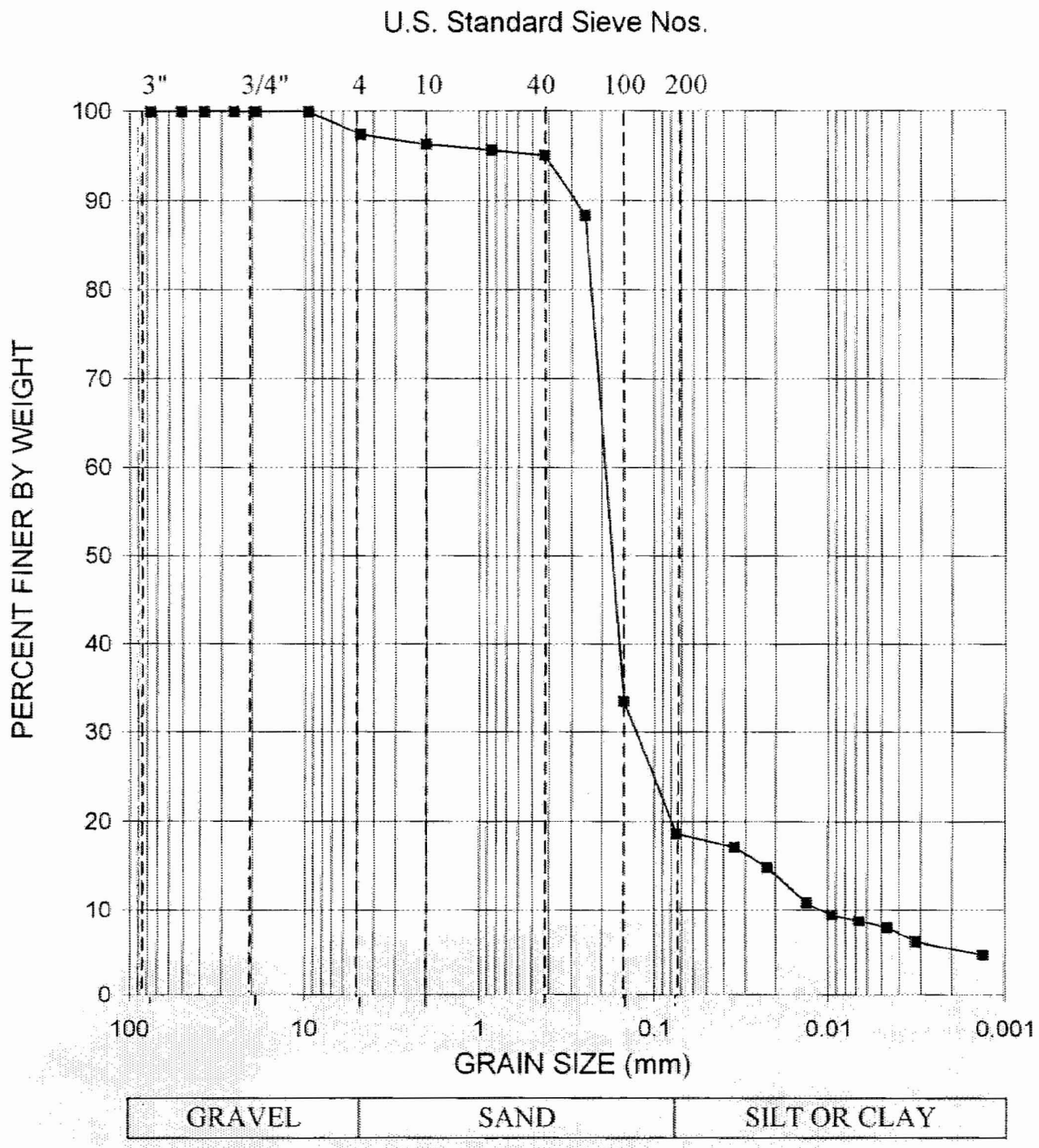
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs NuclearPower Plant (CCNPP), Calvert County, Maryland	Contract No.: 06120048.00	Date: 1/16/2007

Boring No./ Sample No.	Depth (ft)	Sample Description	Class.	LL	PI
B-301/ C-1A	43.5-45.2	ELASTIC SILT, dark gray	MH		

Schnabel

Schnabel Engineering



GRADATION CURVE

ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs NuclearPower Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	1/16/2007

Boring No./ Sample No.	Depth (ft)	Sample Description	Class.	LL	PI
B-303/ C-2A	73.5-75.0, 78.5-80.0	Silty SAND, trace shells, dark gray	SM		

Schnabel

Schnabel Engineering