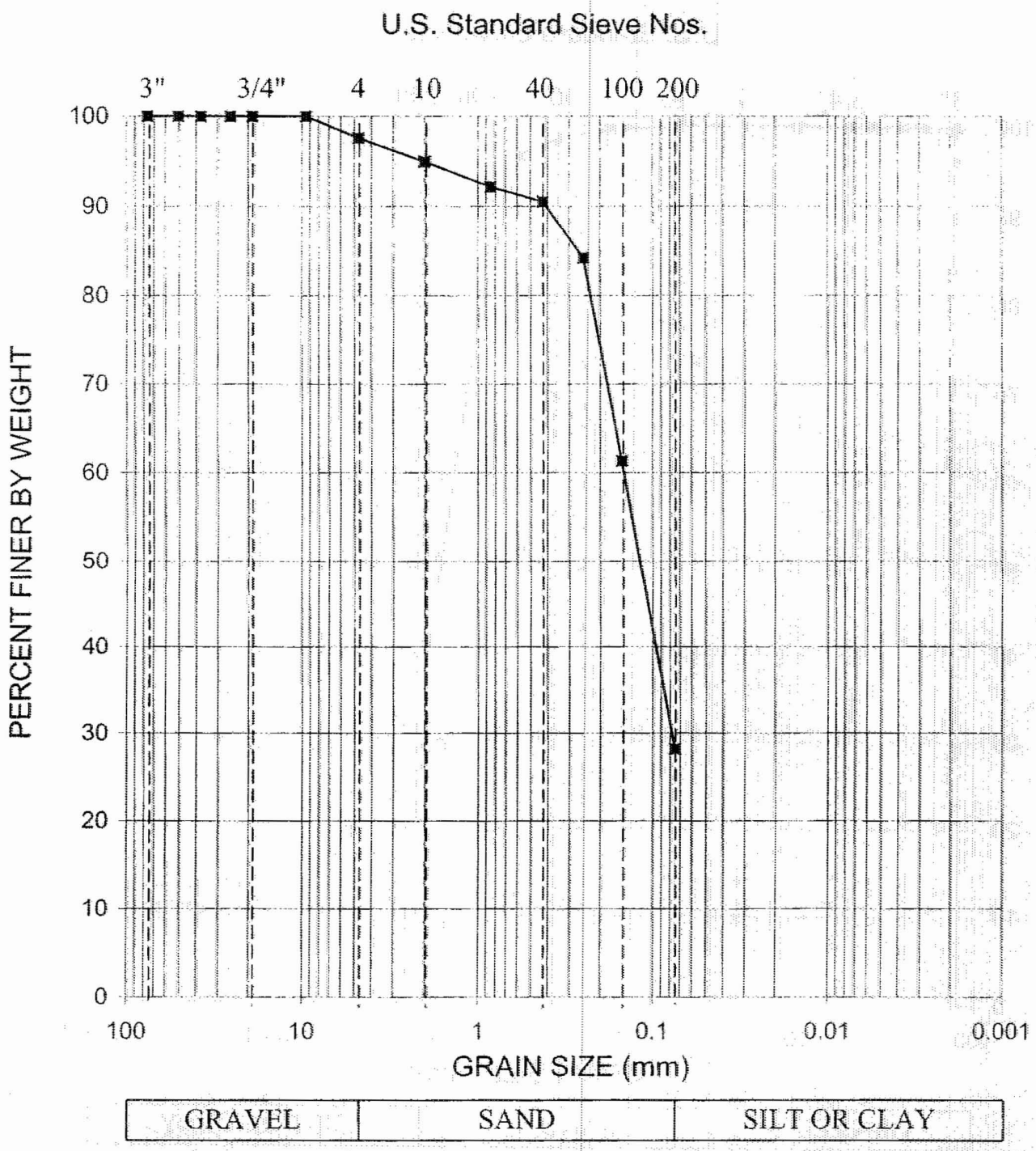


GRADATION CURVE

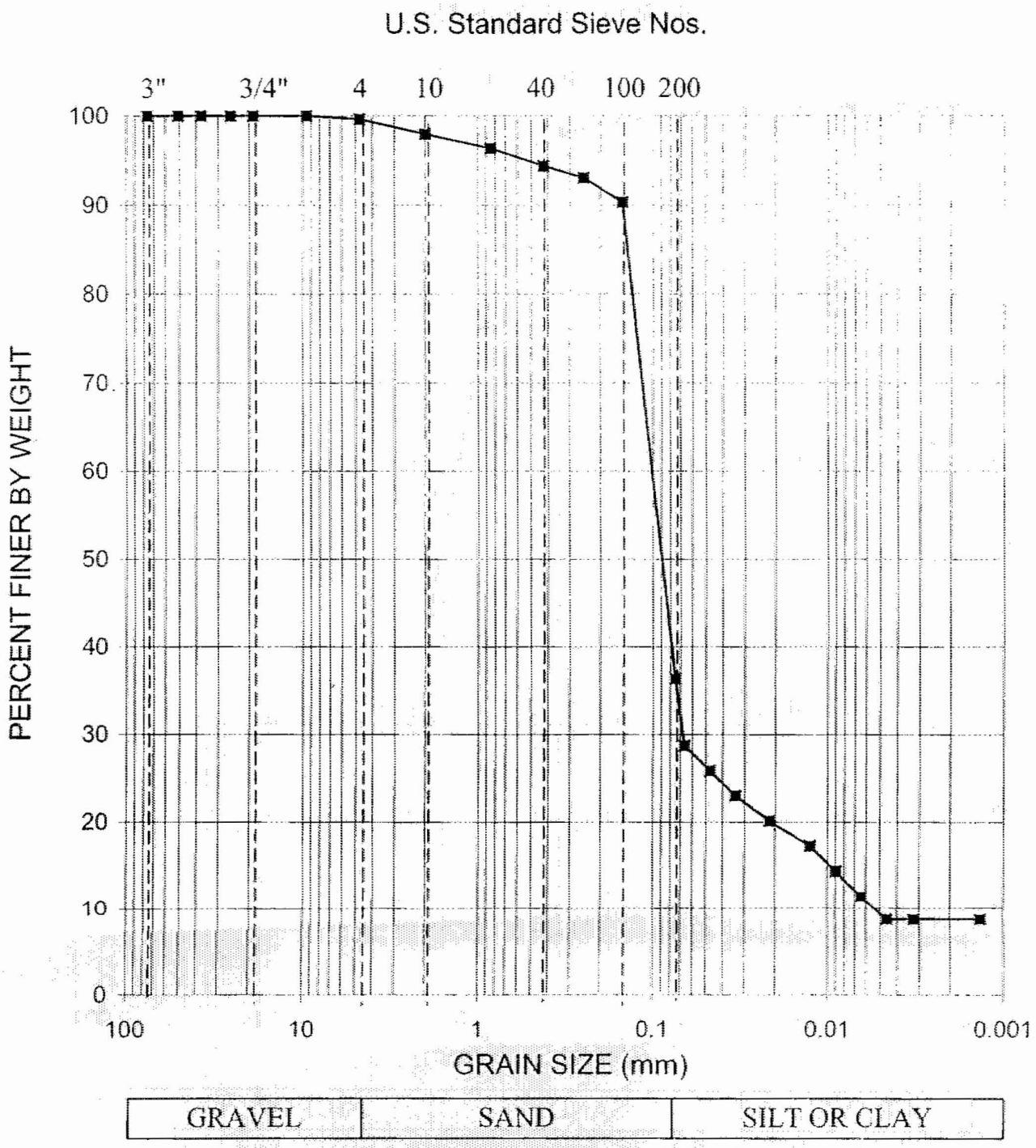
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland	Contract No.: 06120048.00	Date: 8/16/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-304	108.5	Silty SAND, trace shells, green	SM		

Schnabel

Schnabel Engineering



GRADATION CURVE

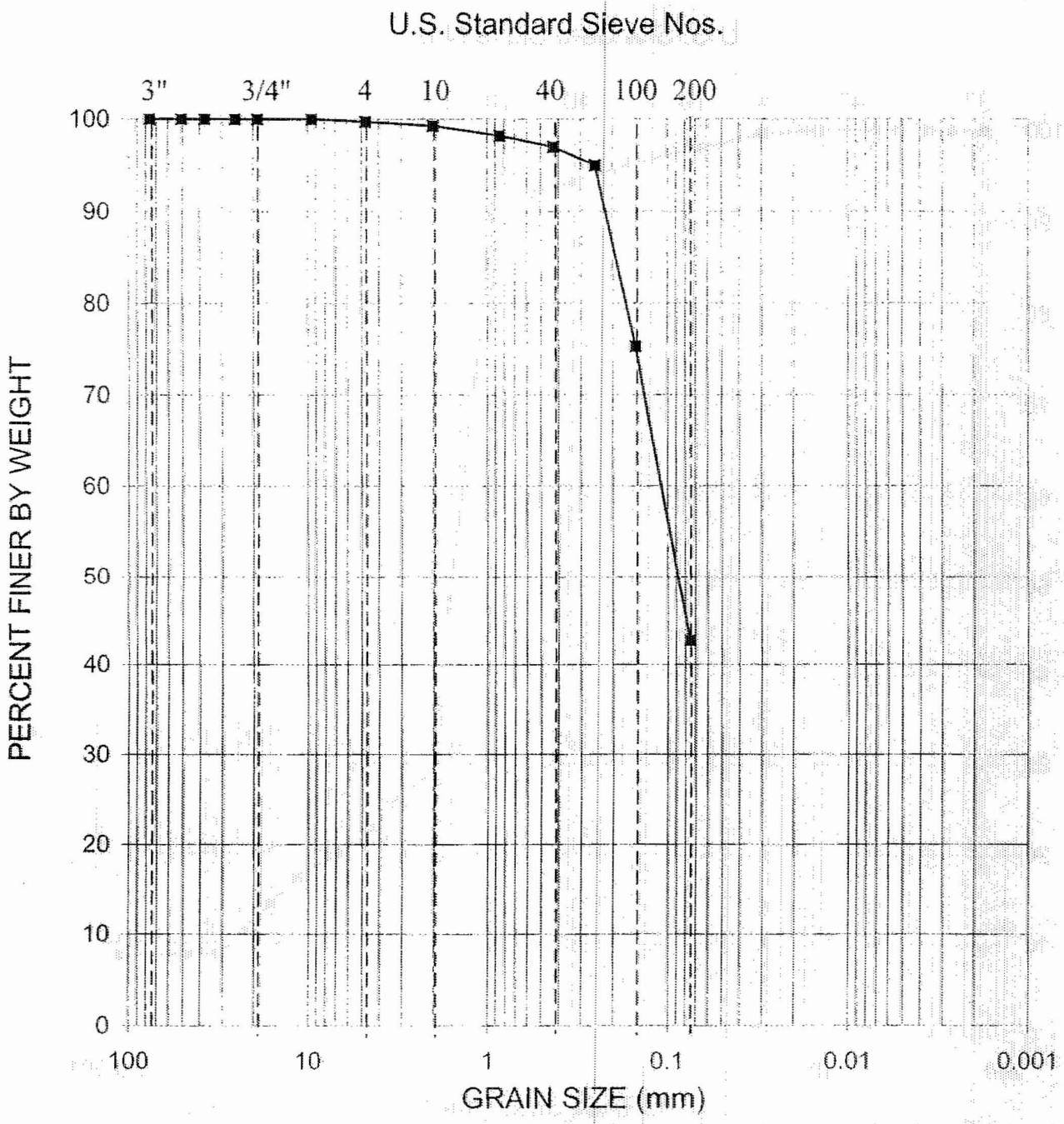
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	8/21/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-304	113.5	Clayey SAND, trace shells, gray	SC		

Schnabel

Schnabel Engineering



GRADATION CURVE

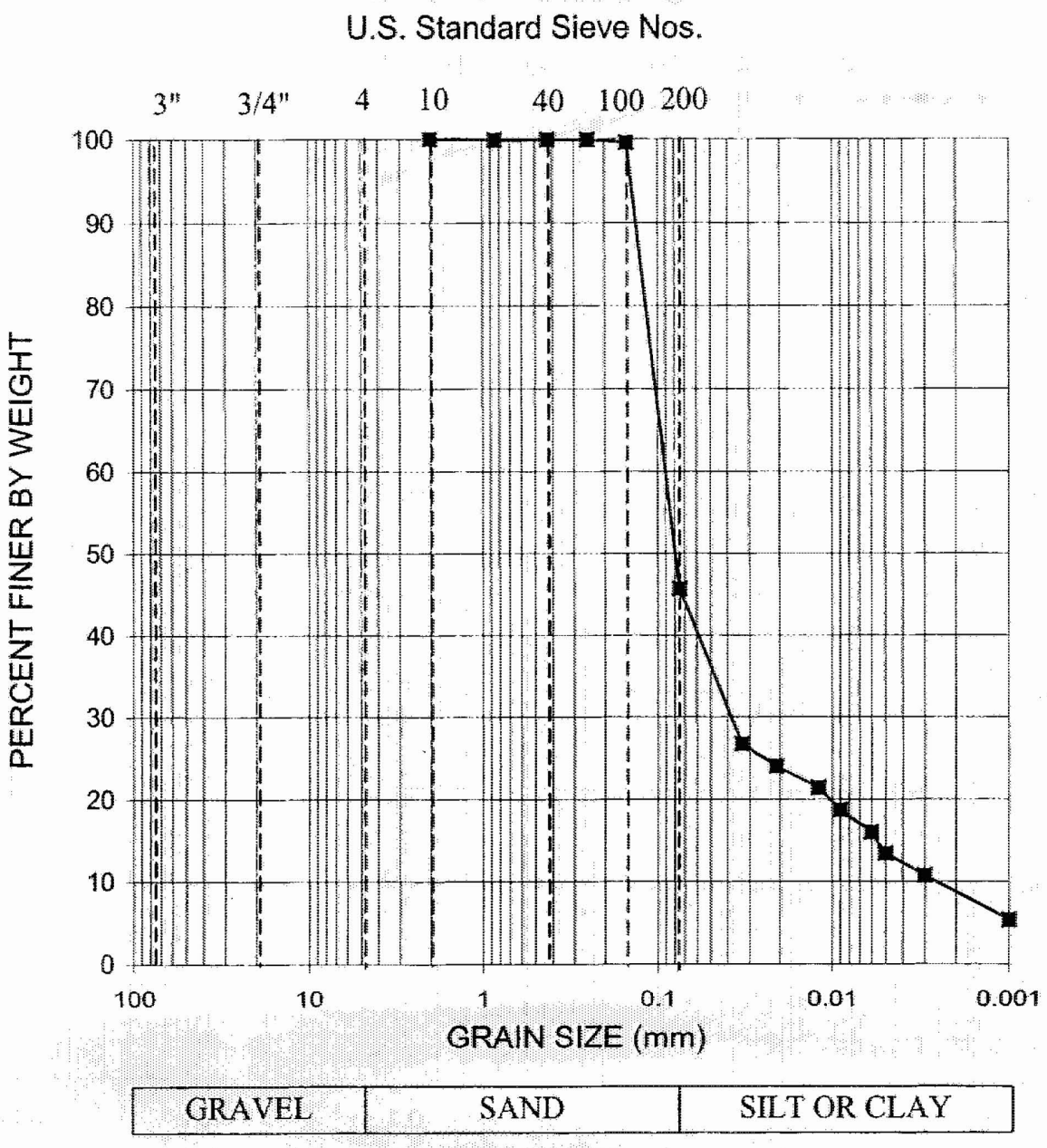
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	8/16/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-304	128.5	Clayey SAND, contains shells, dark green	SC		

Schnabel

Schnabel Engineering



Key	Sample	Depth(ft.)	Sample Description	Class.	LL	PI
■	B-304	138.5-139.3	Fine CLAYEY SAND - dark gray	SC	43	17
▲						
●						

Schnabel

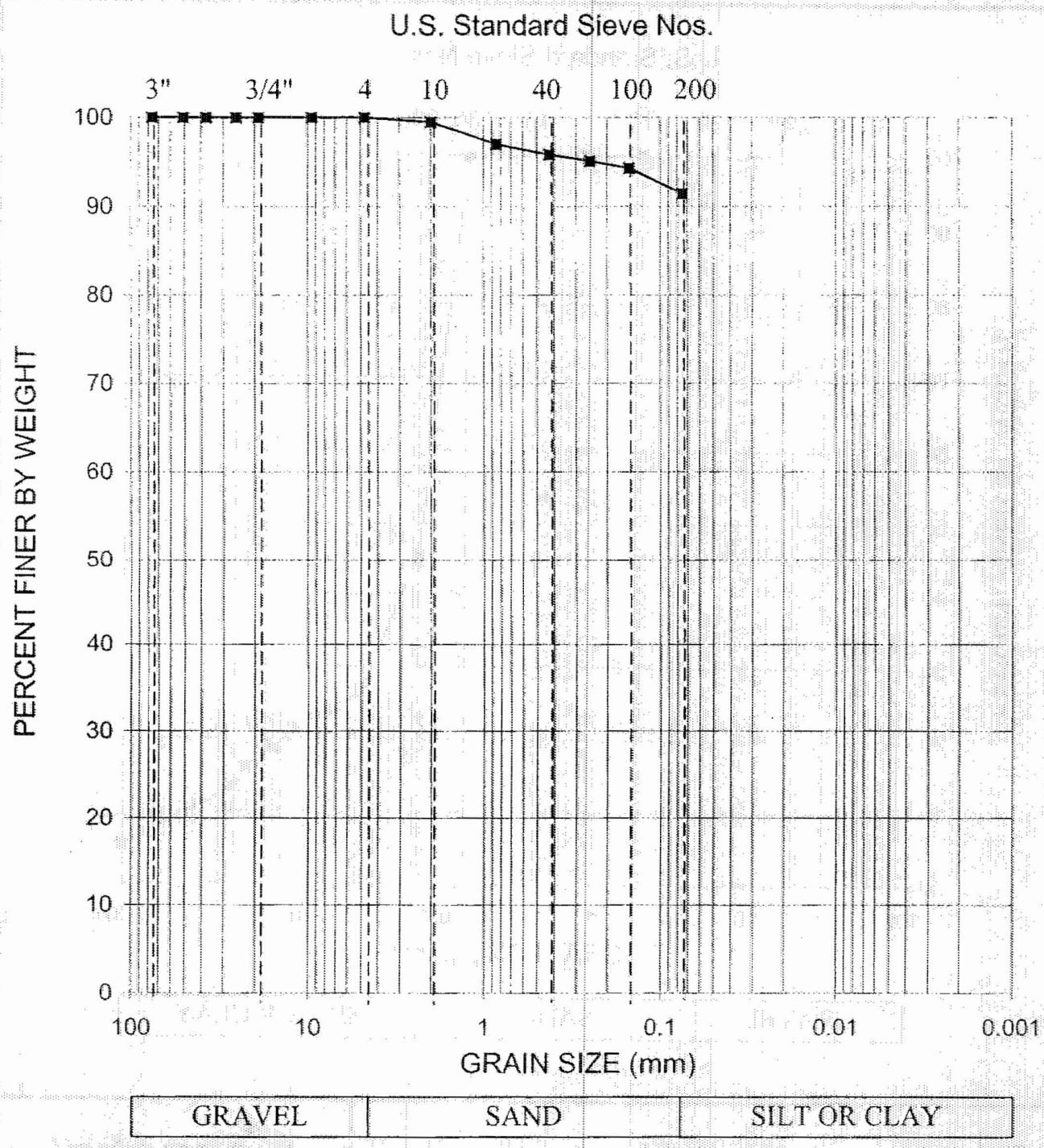
Schnabel Engineering

GRADATION CURVES

Project: Calvert Cliffs Nuclear Power Plant

Contract No. 06120048

Date: 10/16/06 Method: ASTM D422



GRADATION CURVE

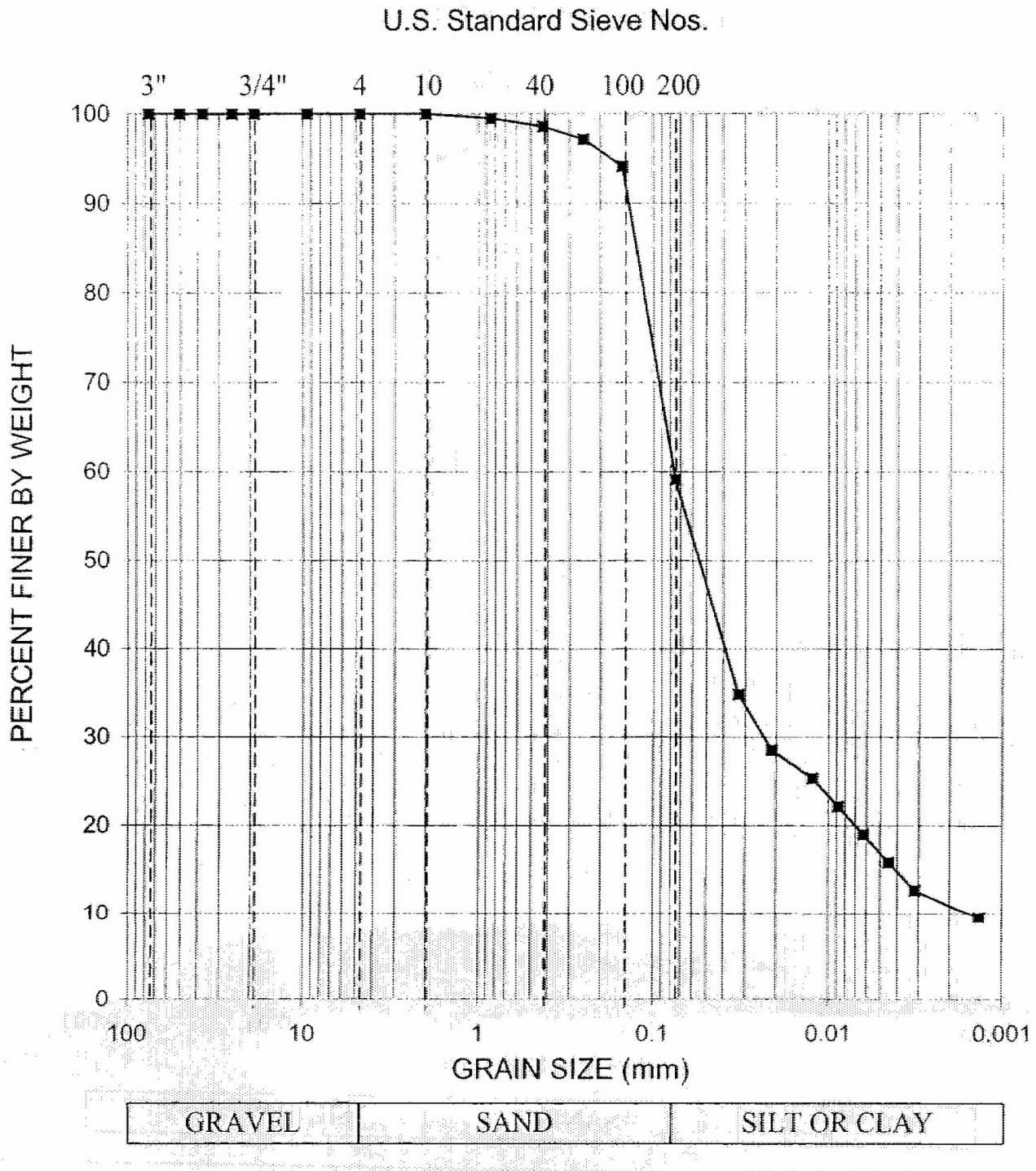
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	8/25/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-304	143.5	FAT CLAY, trace sand, dark green	CH	134	85

Schnabel

Schnabel Engineering



GRADATION CURVE

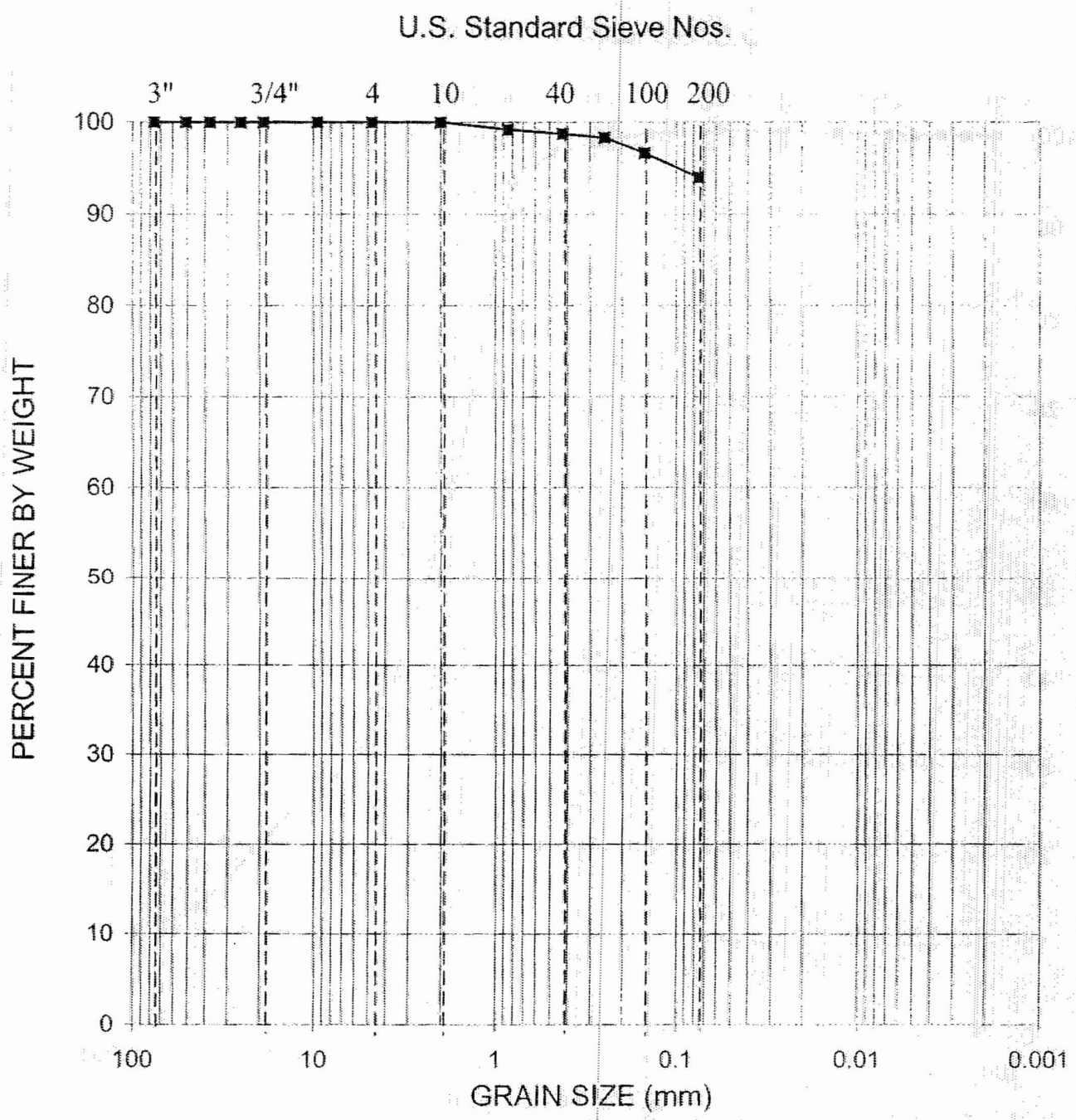
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	8/23/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-304	158.5	Sandy ELASTIC SILT, dark green	MH	92	39

Schnabel

Schnabel Engineering



GRADATION CURVE

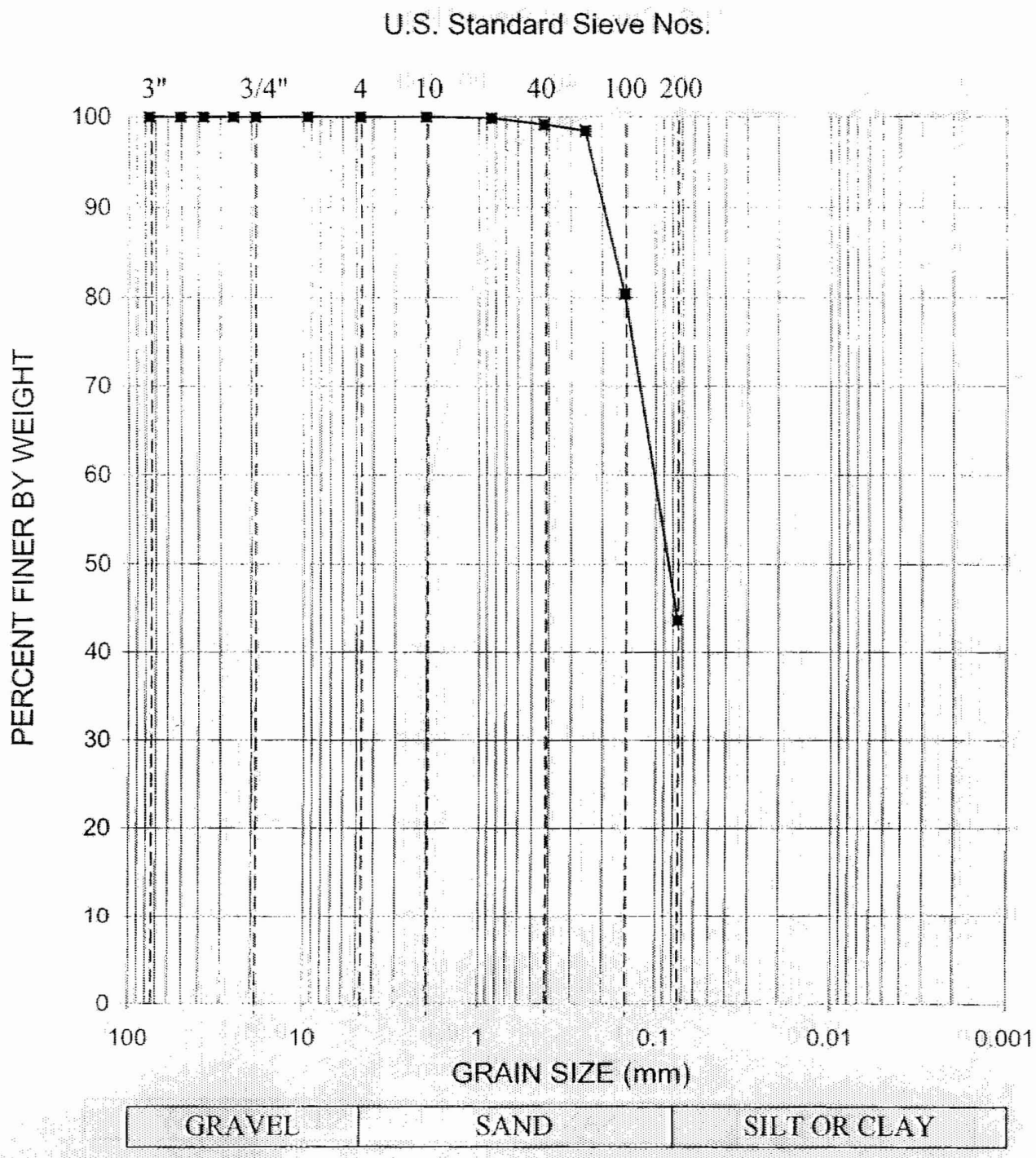
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland	Contract No.: 06120048.00	Date: 8/22/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-304	173.5	ELASTIC SILT, trace sand, dark green	MH	158	74

Schnabel

Schnabel Engineering



GRADATION CURVE

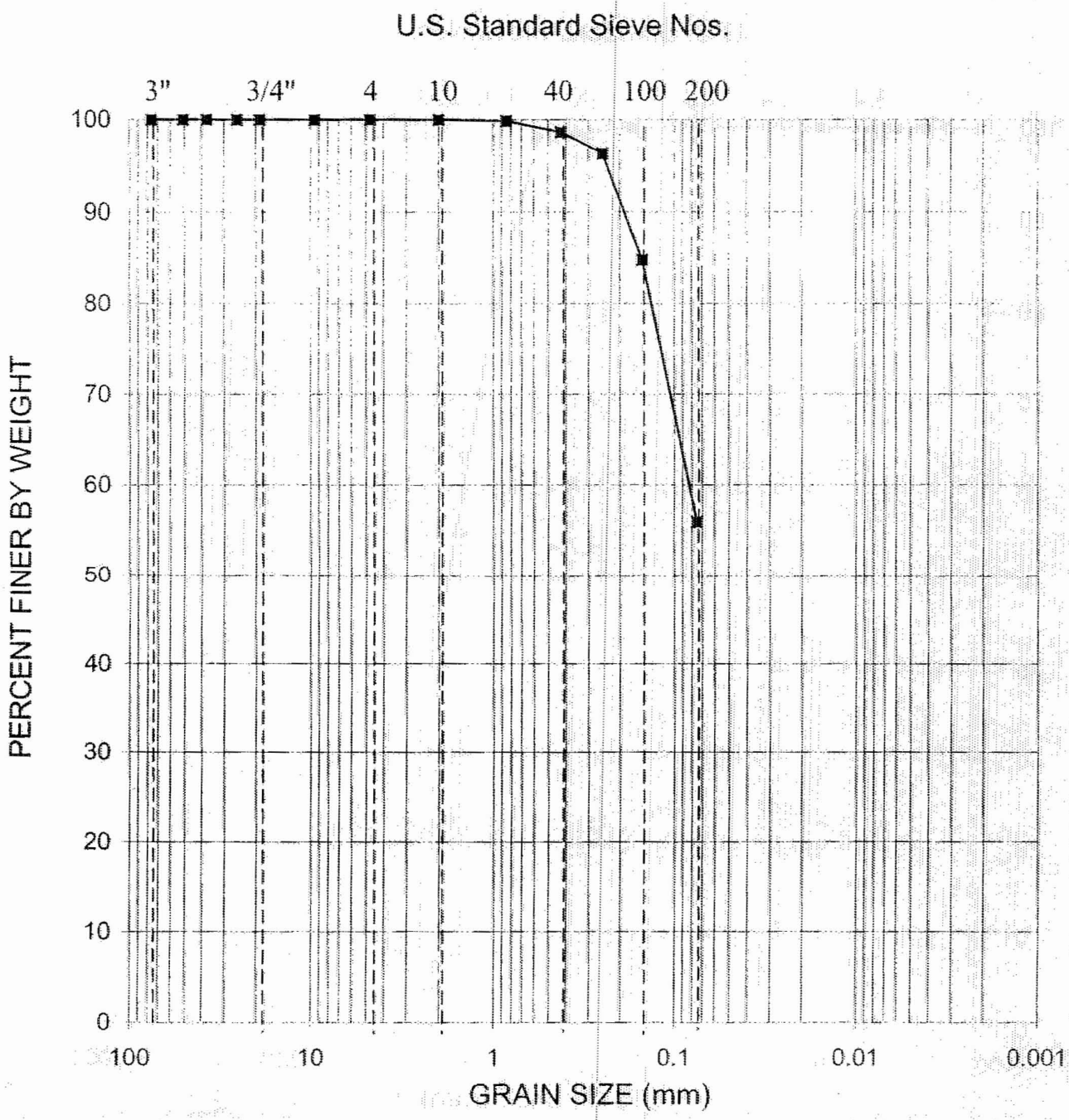
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	8/16/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-304	183.5	Clayey SAND, dark green	SC		

Schnabel

Schnabel Engineering



GRADATION CURVE

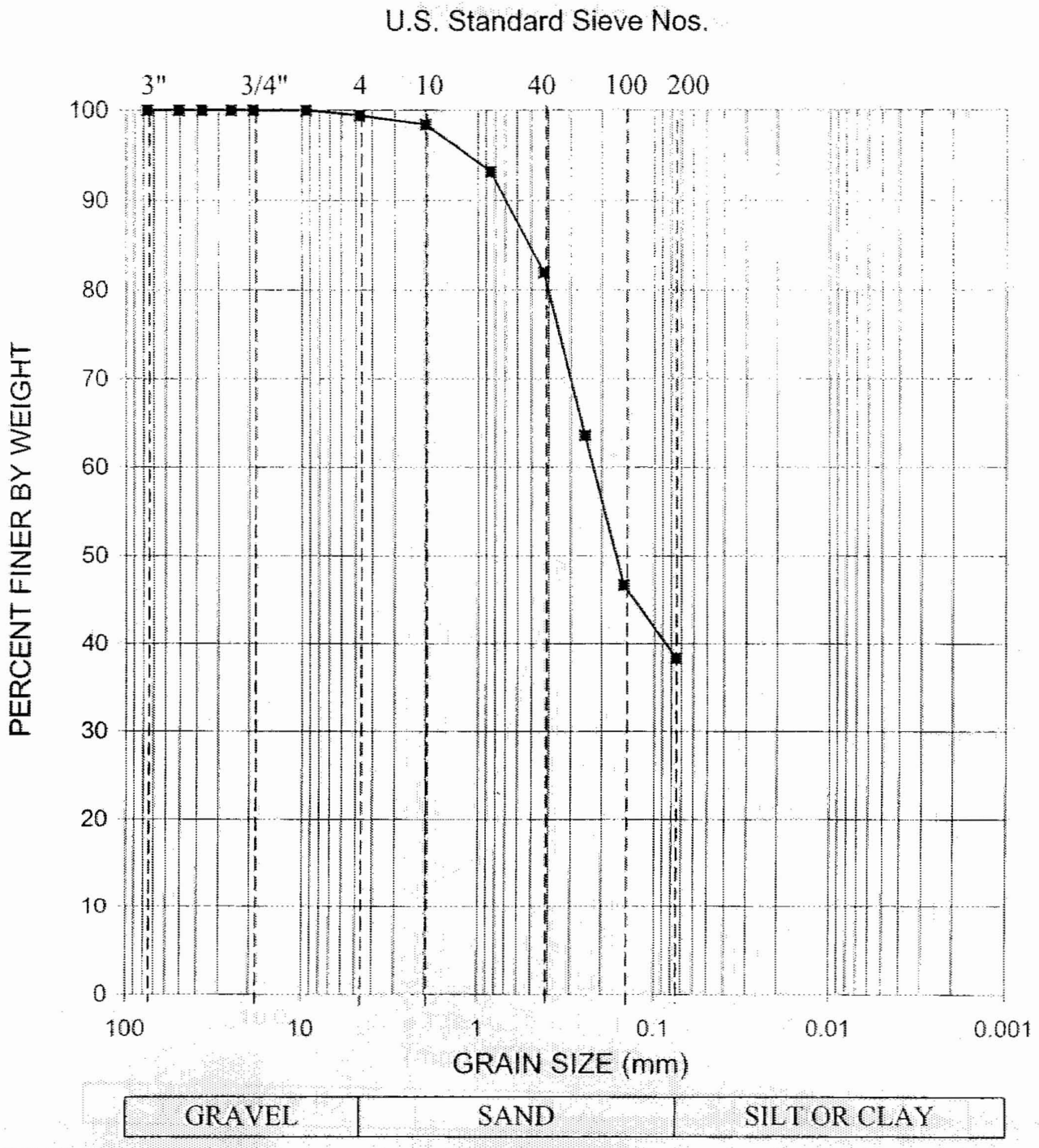
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland	Contract No.: 06120048.00	Date: 8/16/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-304	198.5	Sandy LEAN CLAY, dark green	CL		

Schnabel

Schnabel Engineering



GRADATION CURVE

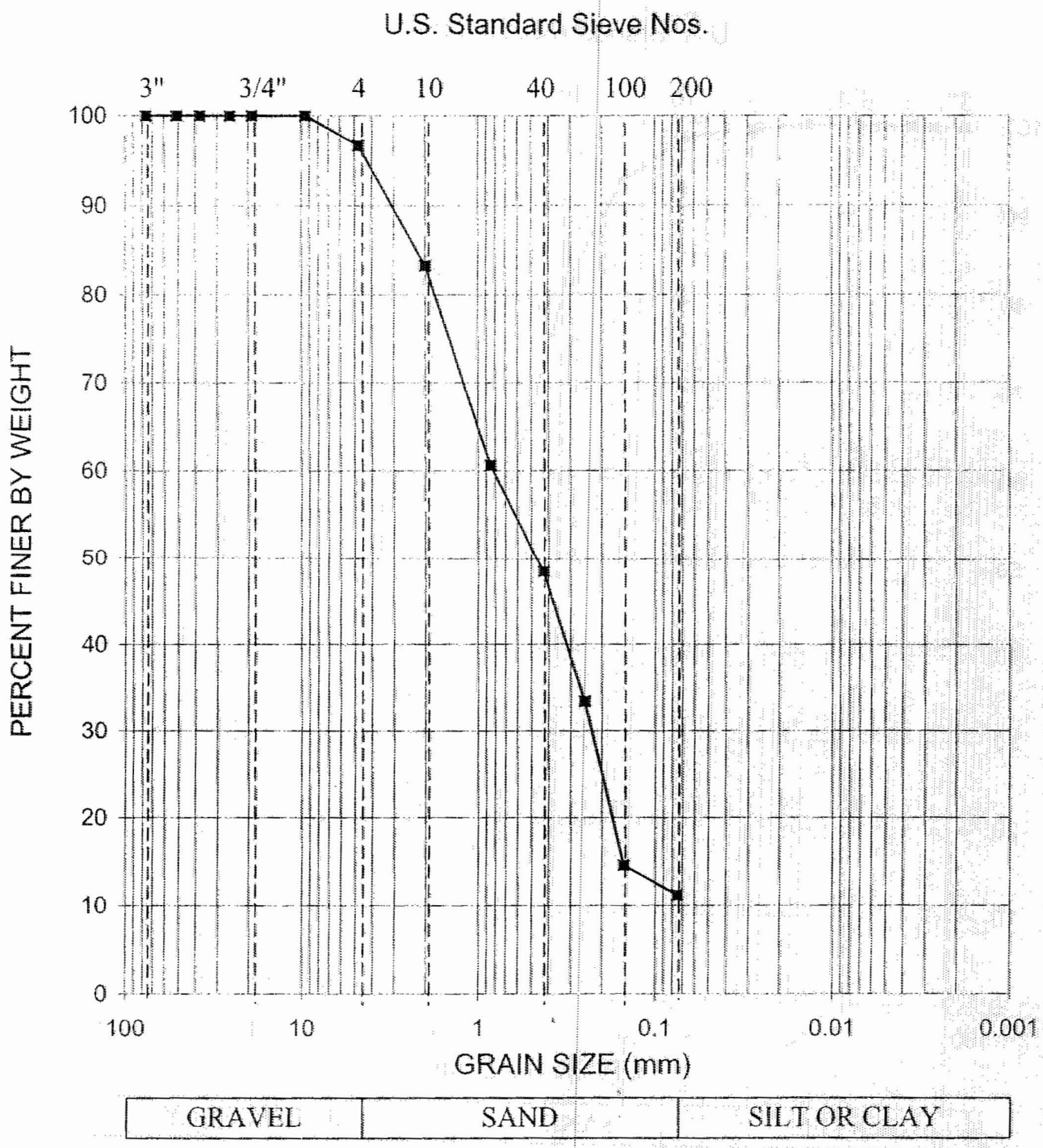
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	8/17/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-307	5.0	Clayey SAND, trace gravel, brown	SC		

Schnabel

Schnabel Engineering



GRADATION CURVE

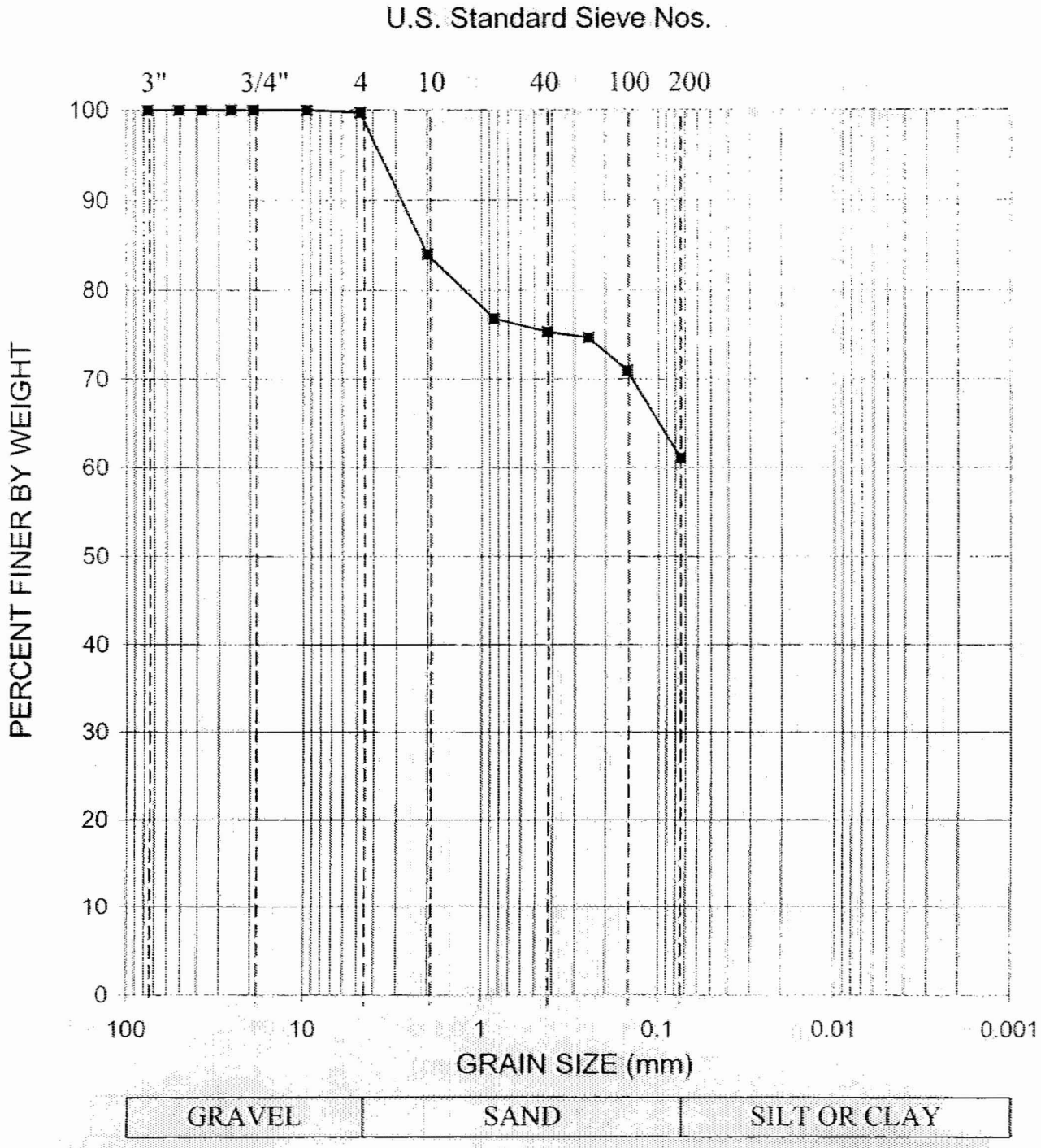
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland	Contract No.: 06120048.00	Date: 8/17/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-307	23.5	Poorly Graded SAND with silt, trace gravel, light brown	SP-SM		

Schnabel

Schnabel Engineering



GRADATION CURVE

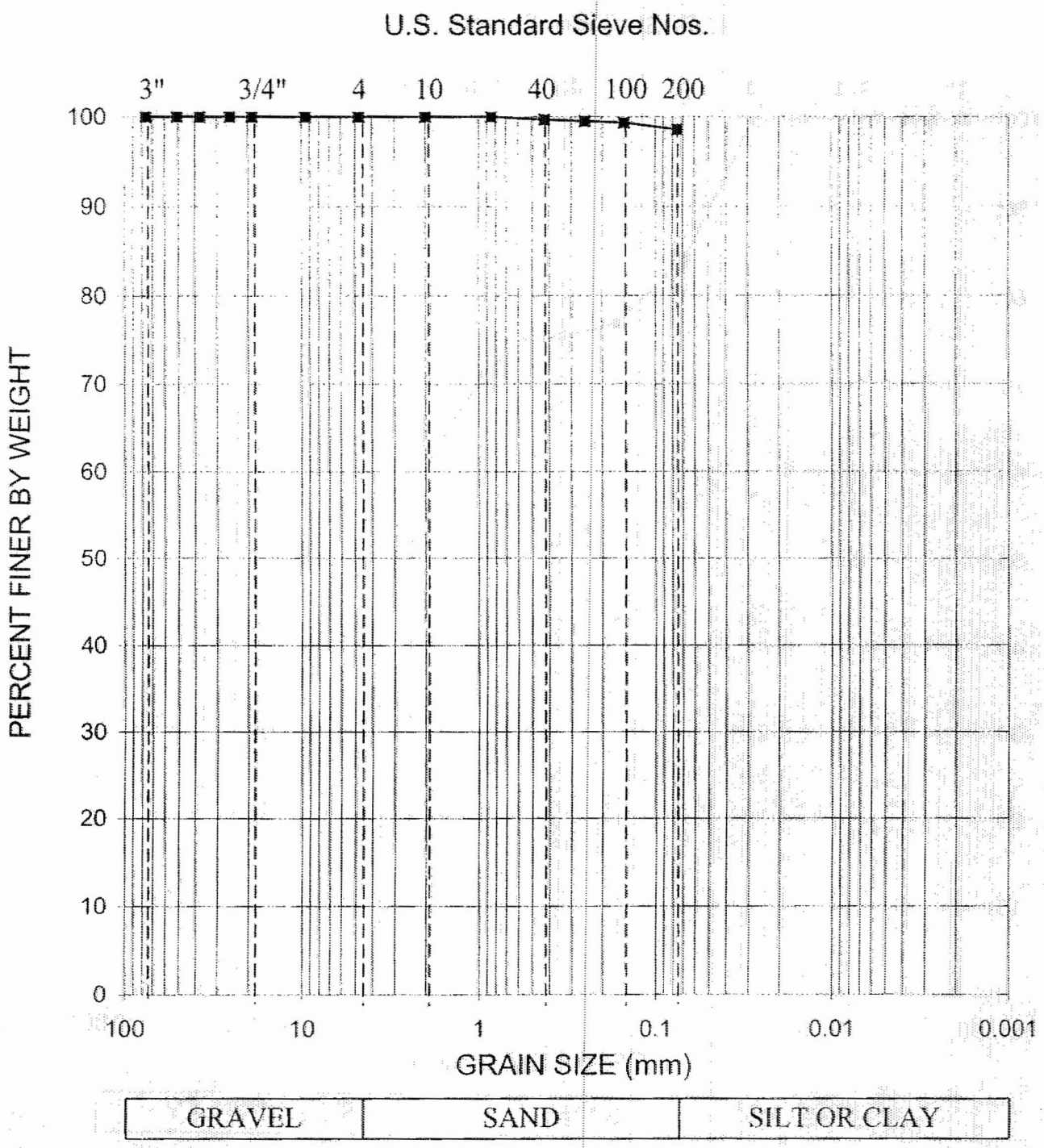
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	8/24/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-307	58.5	Sandy FAT CLAY, gray	CH	62	42

Schnabel

Schnabel Engineering



GRADATION CURVE

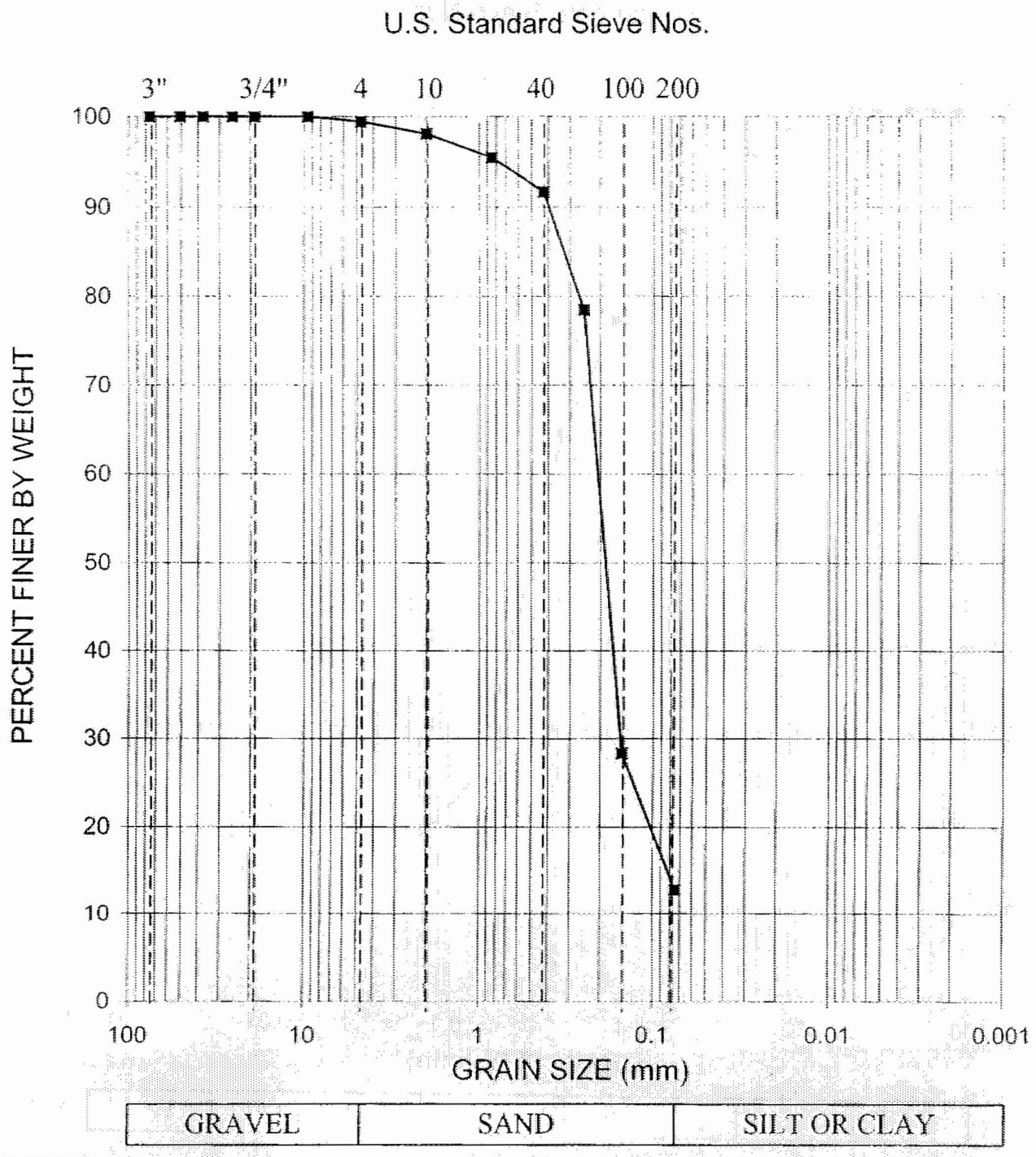
ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	8/23/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-307	68.5	FAT CLAY, trace sand, gray	CH	66	43

Schnabel

Schnabel Engineering



GRADATION CURVE

ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	8/17/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-307	83.5	Silty SAND, trace shells, dark green	SM		

Schnabel

Schnabel Engineering