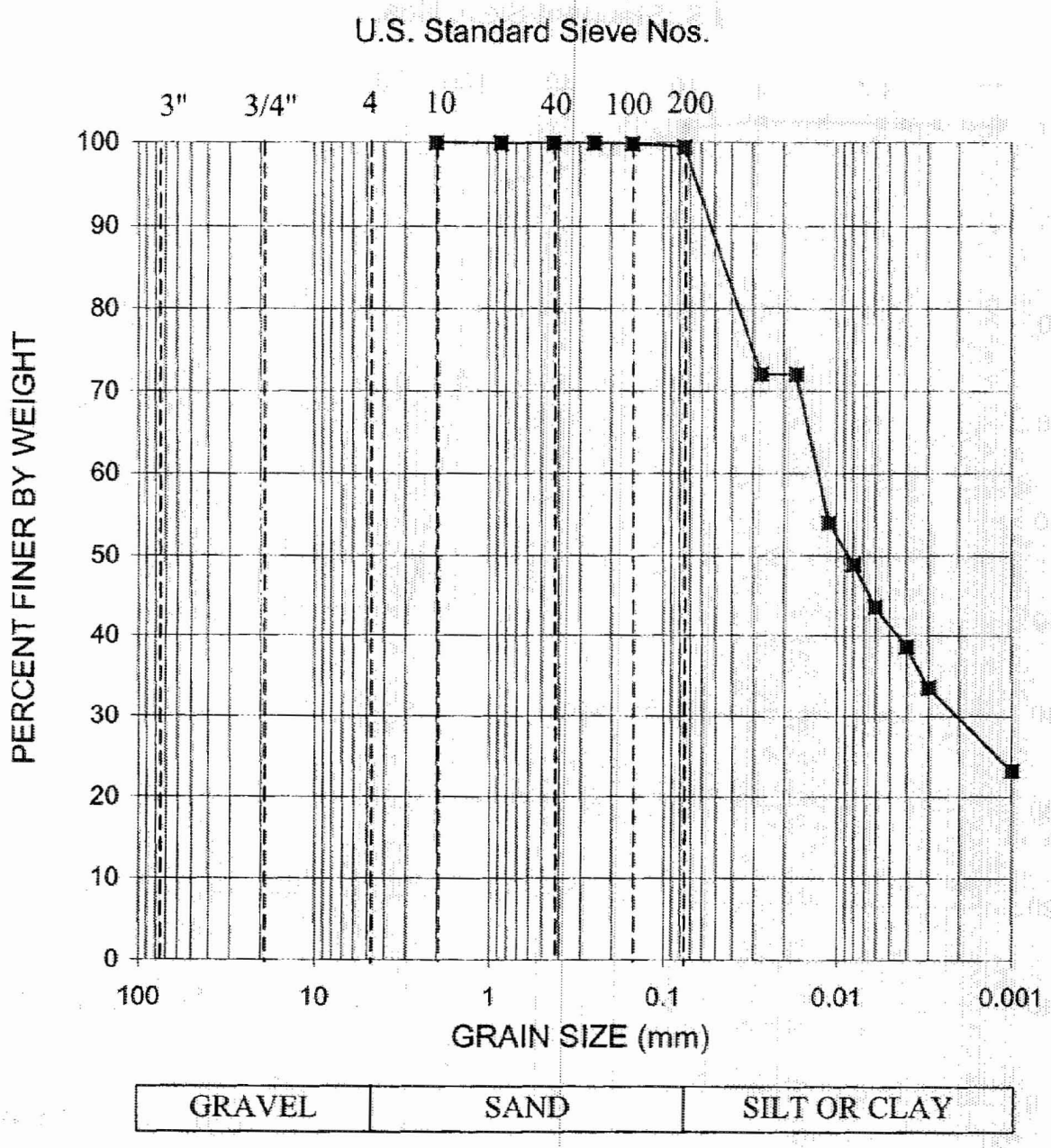


Key	Sample	Depth(ft.)	Sample Description	Class.	LL	PI
■	B-301	158.5-159.6	FAT CLAY, contains mica - gray	CH	76	46
▲						
●						

Schnabel Engineering

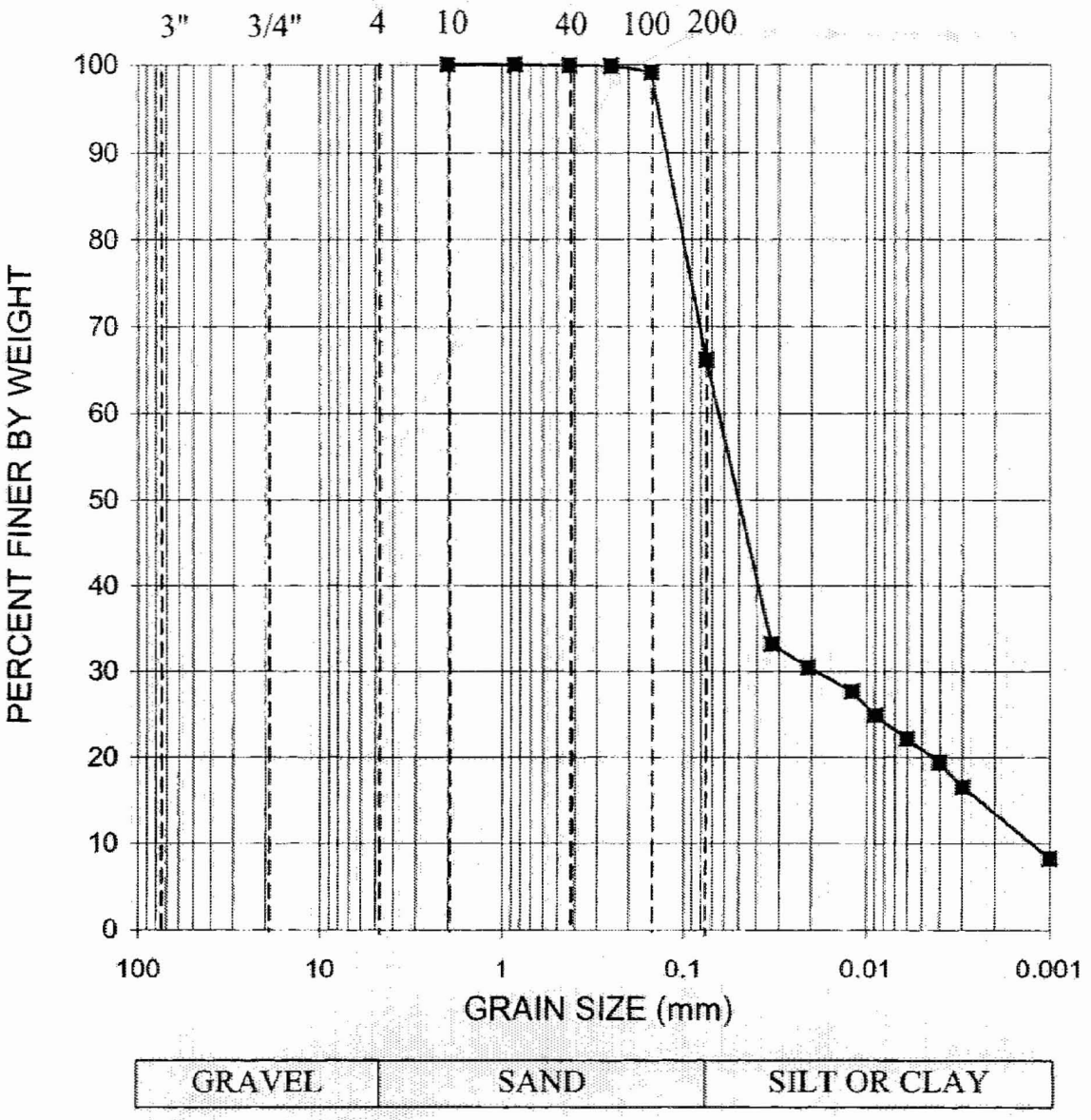
GRADATION CURVES

Project: Calvert Cliffs Nuclear Power Plant

Contract No. 06120048

Date:

Method: ASTM D422



Key	Sample	Depth(ft.)	Sample Description	Class.	LL	PI
■	B-301	168.5-170.4	SANDY FAT CLAY - gray	CH	112	73
▲						
●						

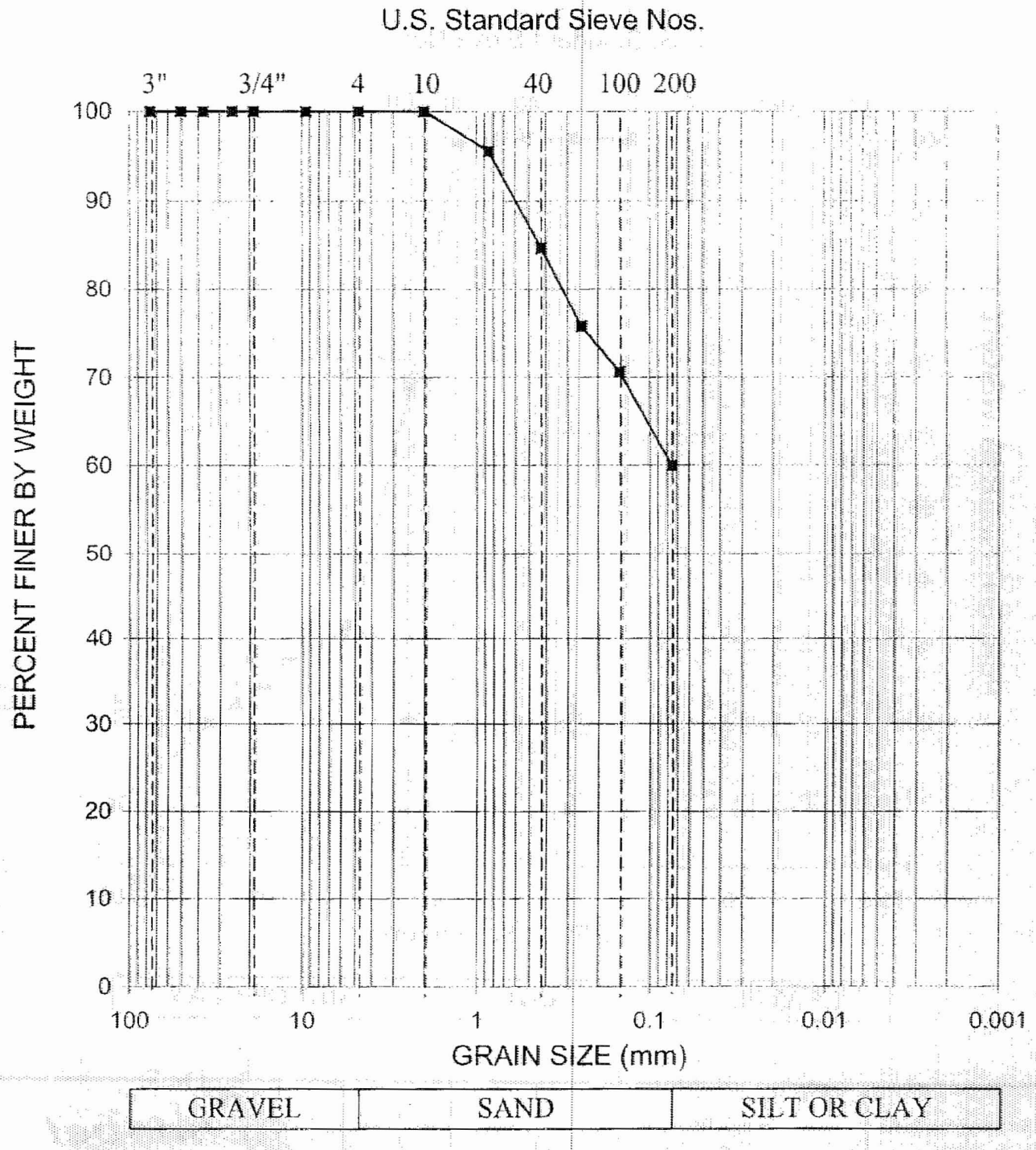
Schnabel Engineering

GRADATION CURVES

Project: Calvert Cliffs Nuclear Power Plant

Contract No. 06120048

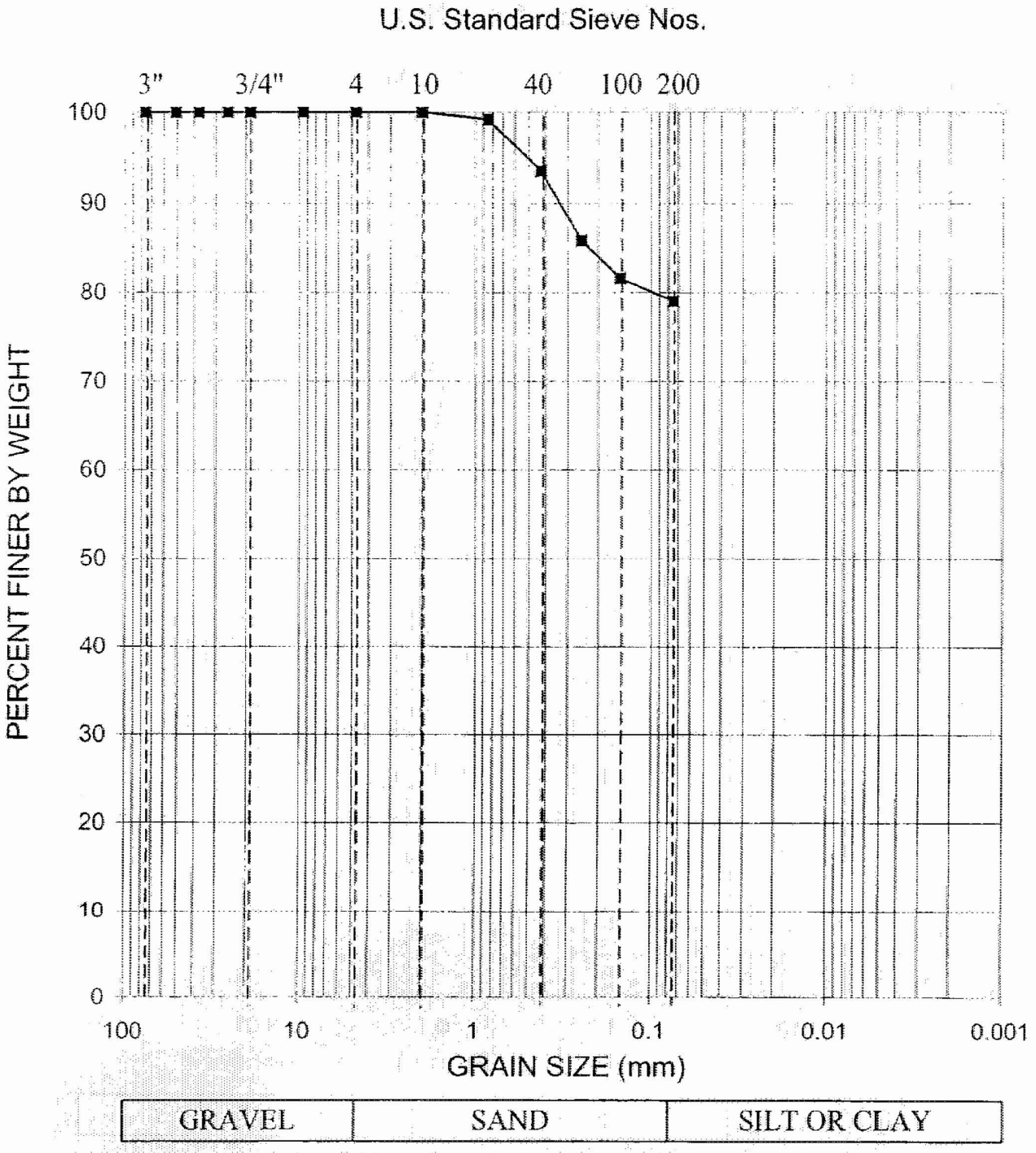
Date: 10/20/06 Method: ASTM D422



GRADATION CURVE

ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland		Contract No.: 06120048.00			Date: 8/14/2006
Boring No.	Depth (ft)	Sample Description	Class.	LL	PI	
B-301	178.5	Sandy ELASTIC SILT, trace shells, dark green	MH	111	64	Schnabel Engineering



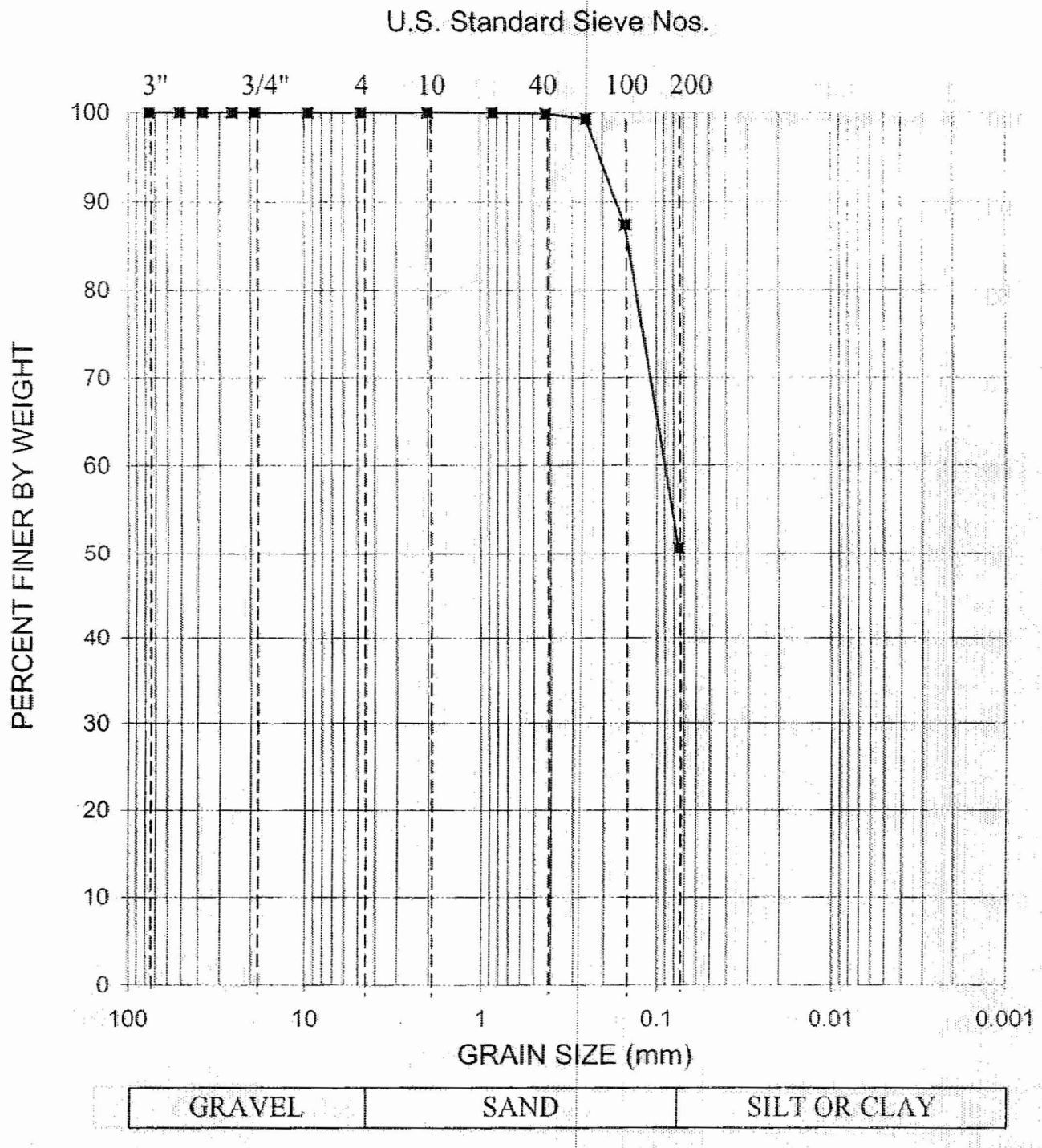
GRADATION CURVE

ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	8/14/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-301	198.5	ELASTIC SILT, with sand, dark green	MH	157	86

Schnabel Engineering



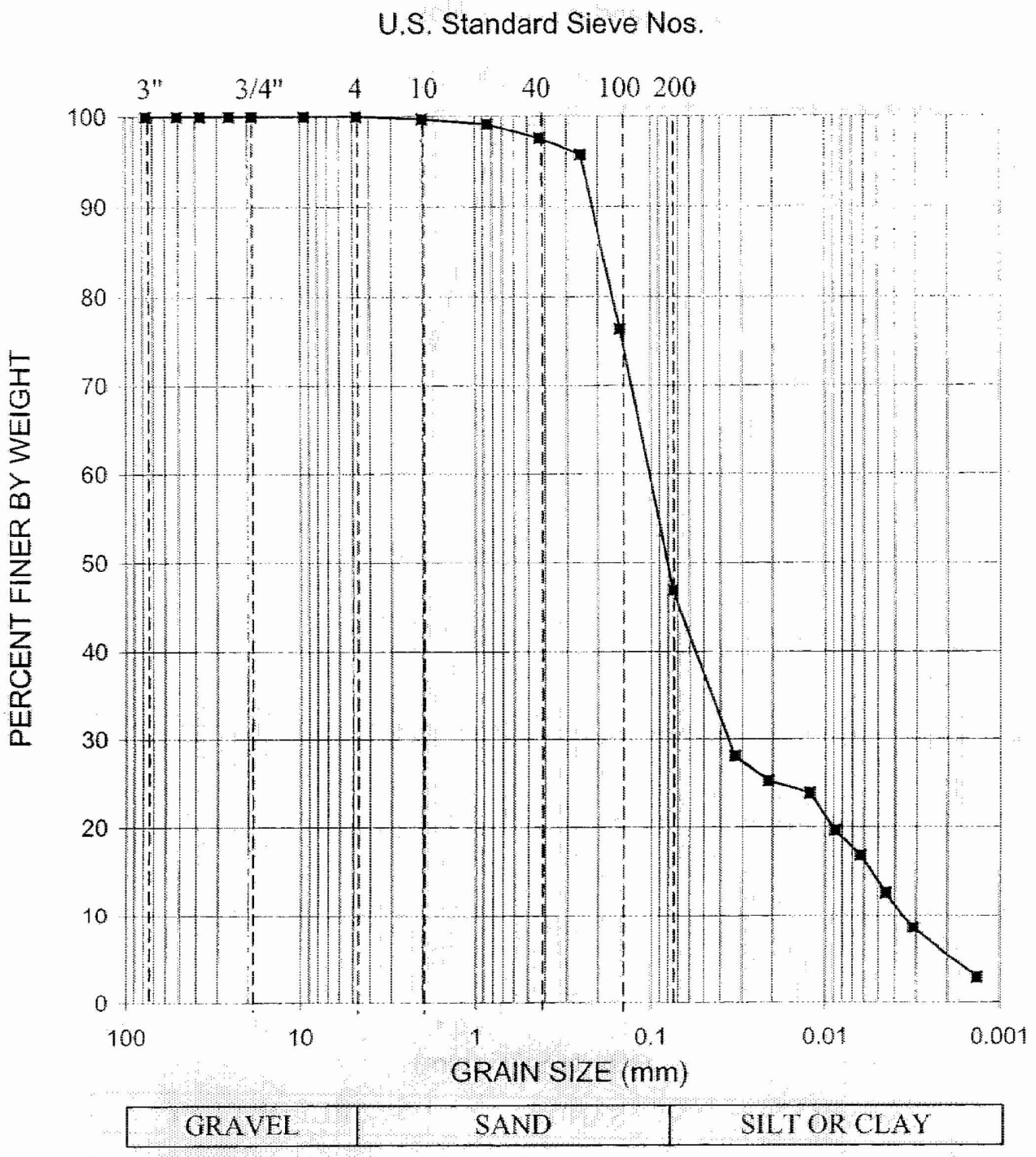
GRADATION CURVE

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-301	218.5	Sandy LEAN CLAY, dark green	CL		

Schnabel Engineering



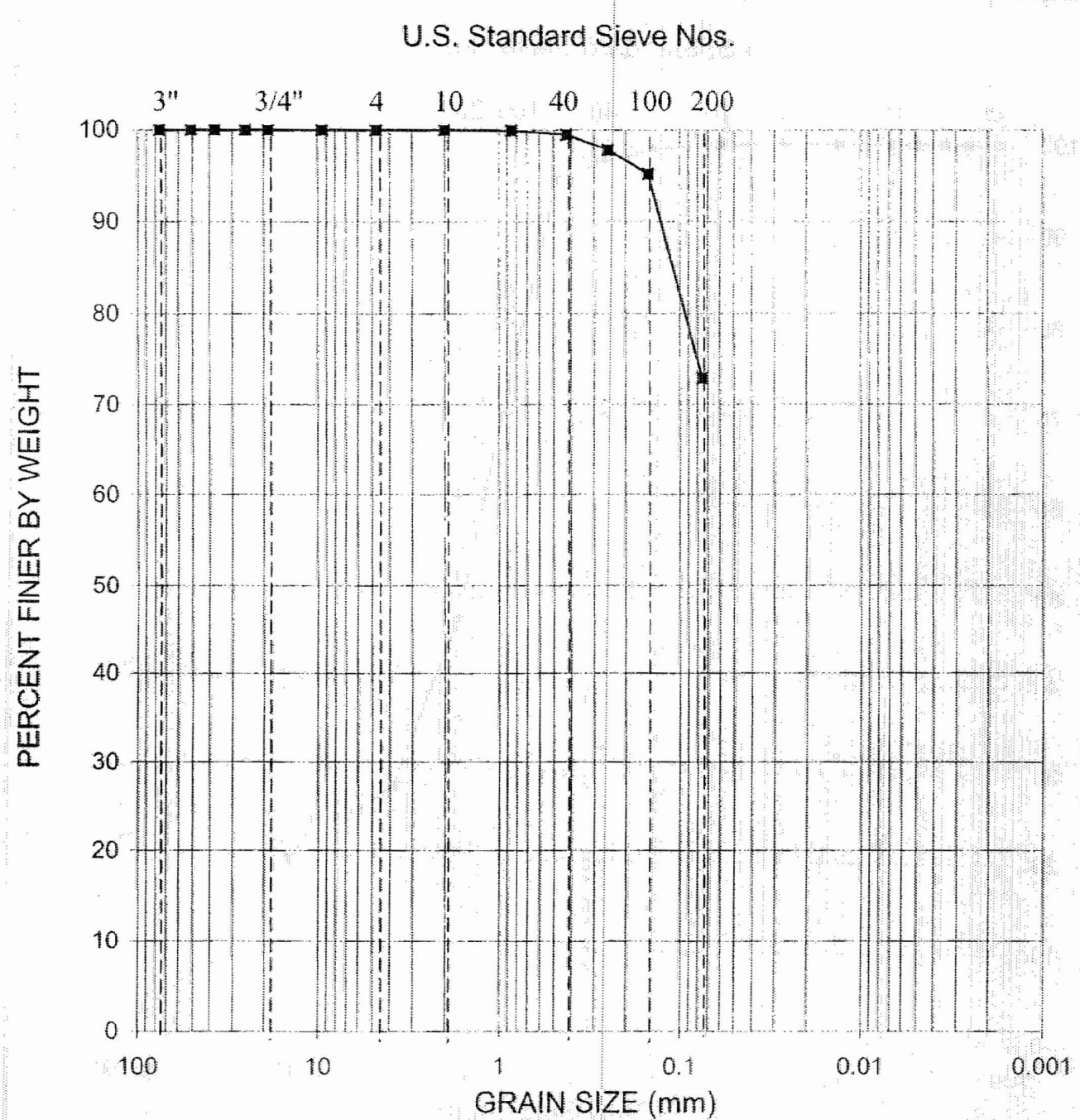
GRADATION CURVE

ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	8/19/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-301	228.5	Clayey SAND, dark green	SC		

Schnabel Engineering



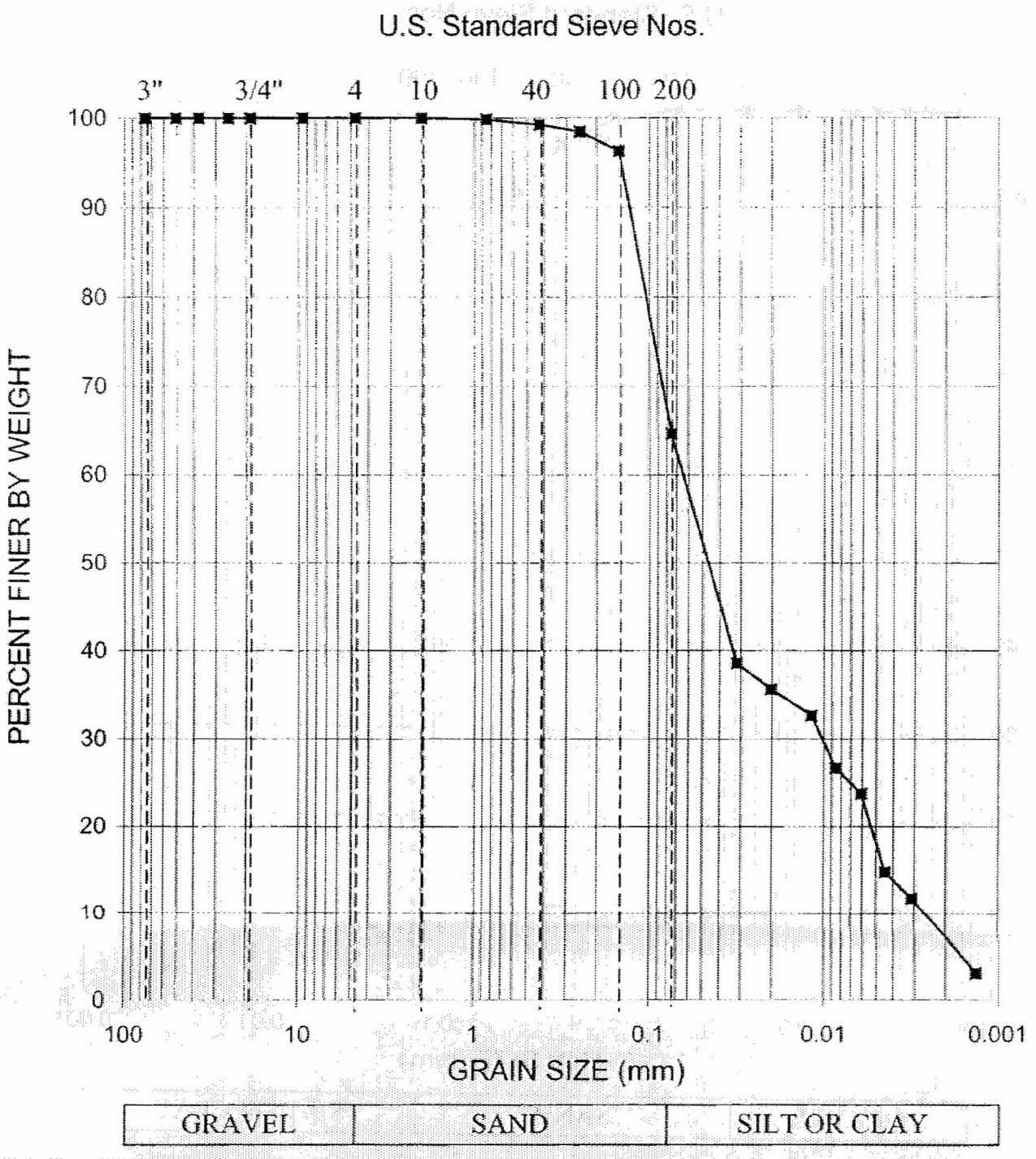
GRADATION CURVE

ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland		Contract No.: 06120048.00		Date: 8/14/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-301	238.5	LEAN CLAY, with sand, dark green	CL		

Schnabel Engineering



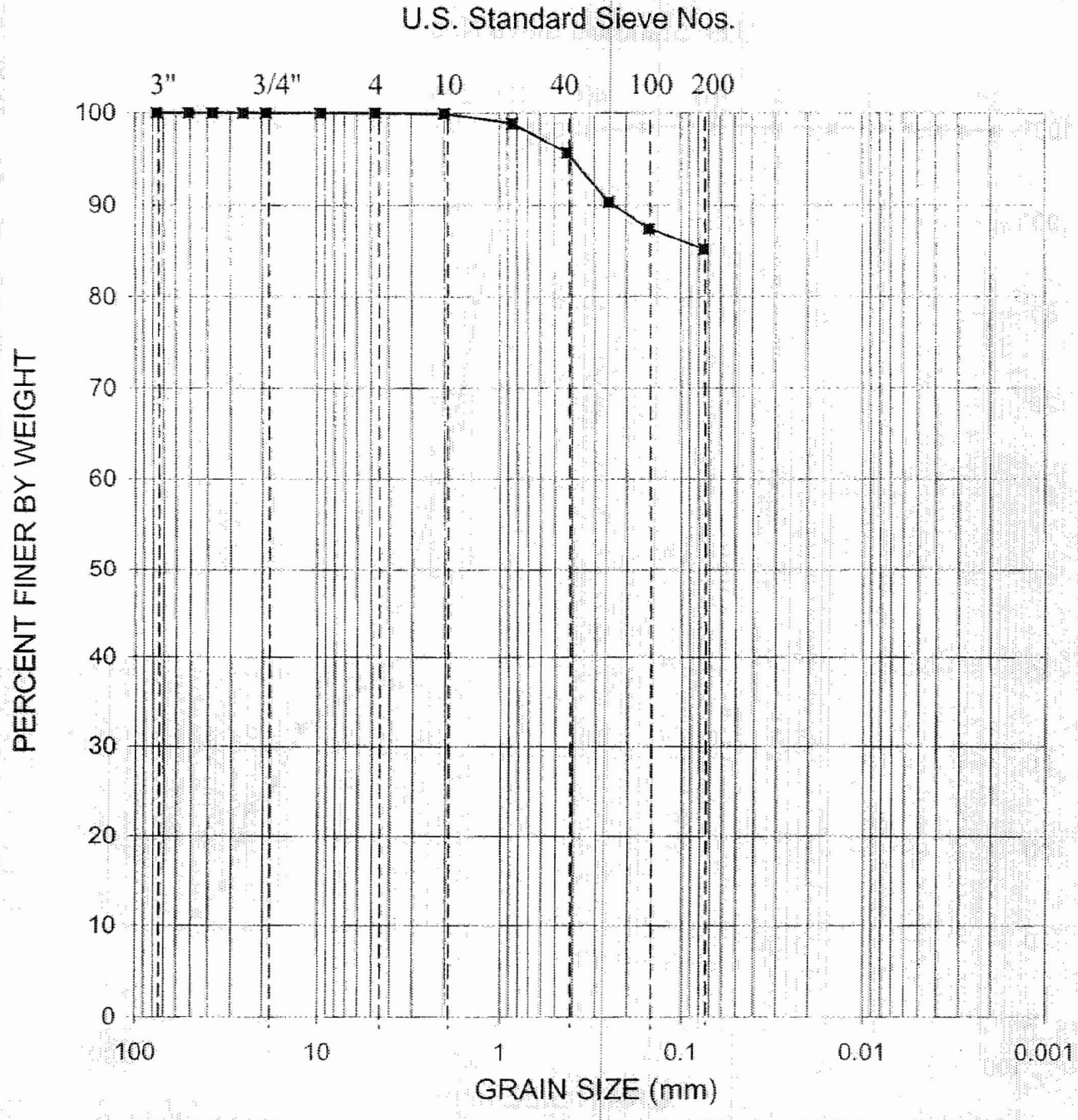
GRADATION CURVE

ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland		Contract No.: 06120048.00		Date: 8/19/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-301	253.5	Sandy ELASTIC SILT, dark green	MH	137	50

Schnabel Engineering



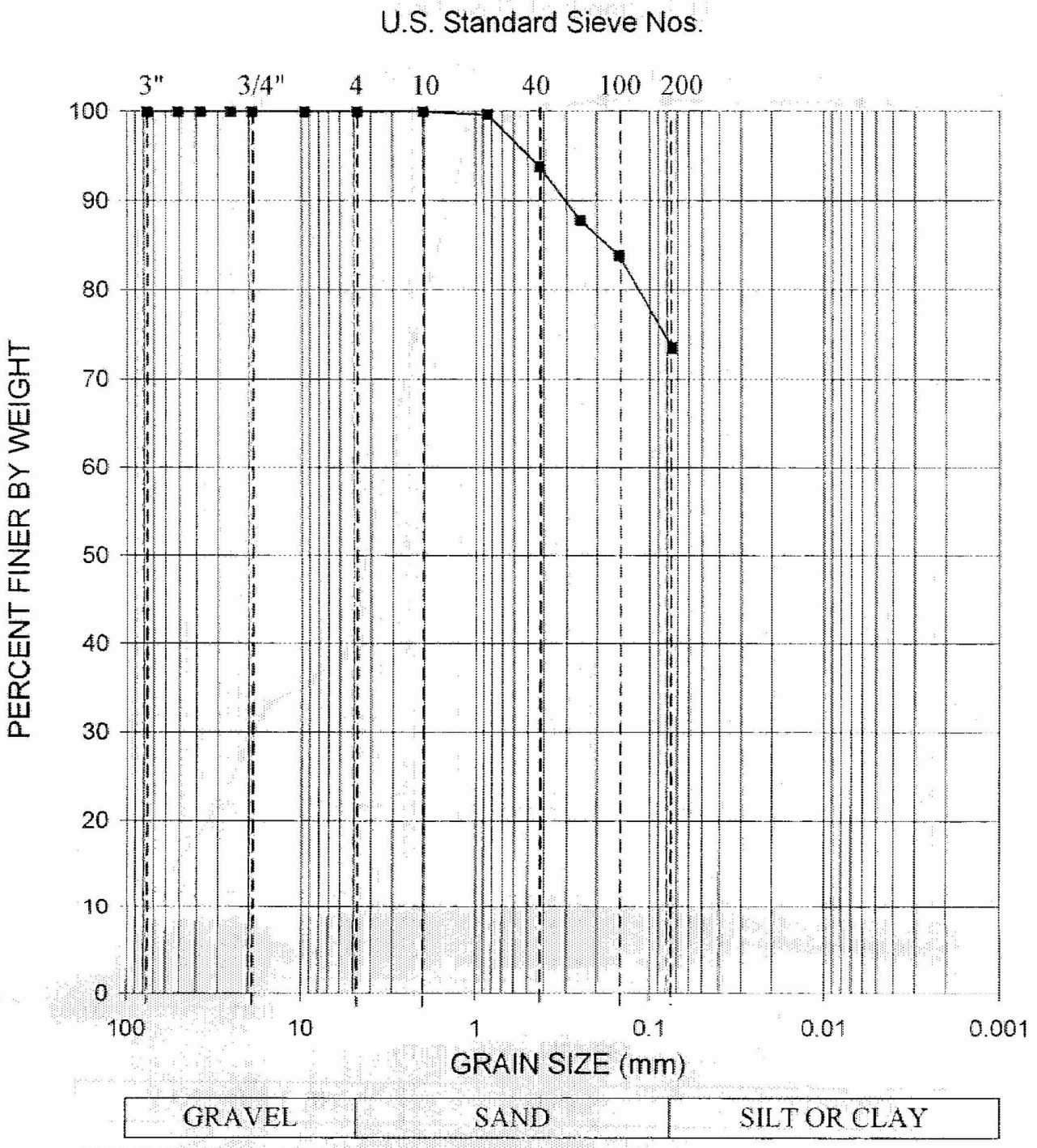
GRADATION CURVE

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-301	263.5	LEAN CLAY, with sand, dark green	CL		

Schnabel Engineering



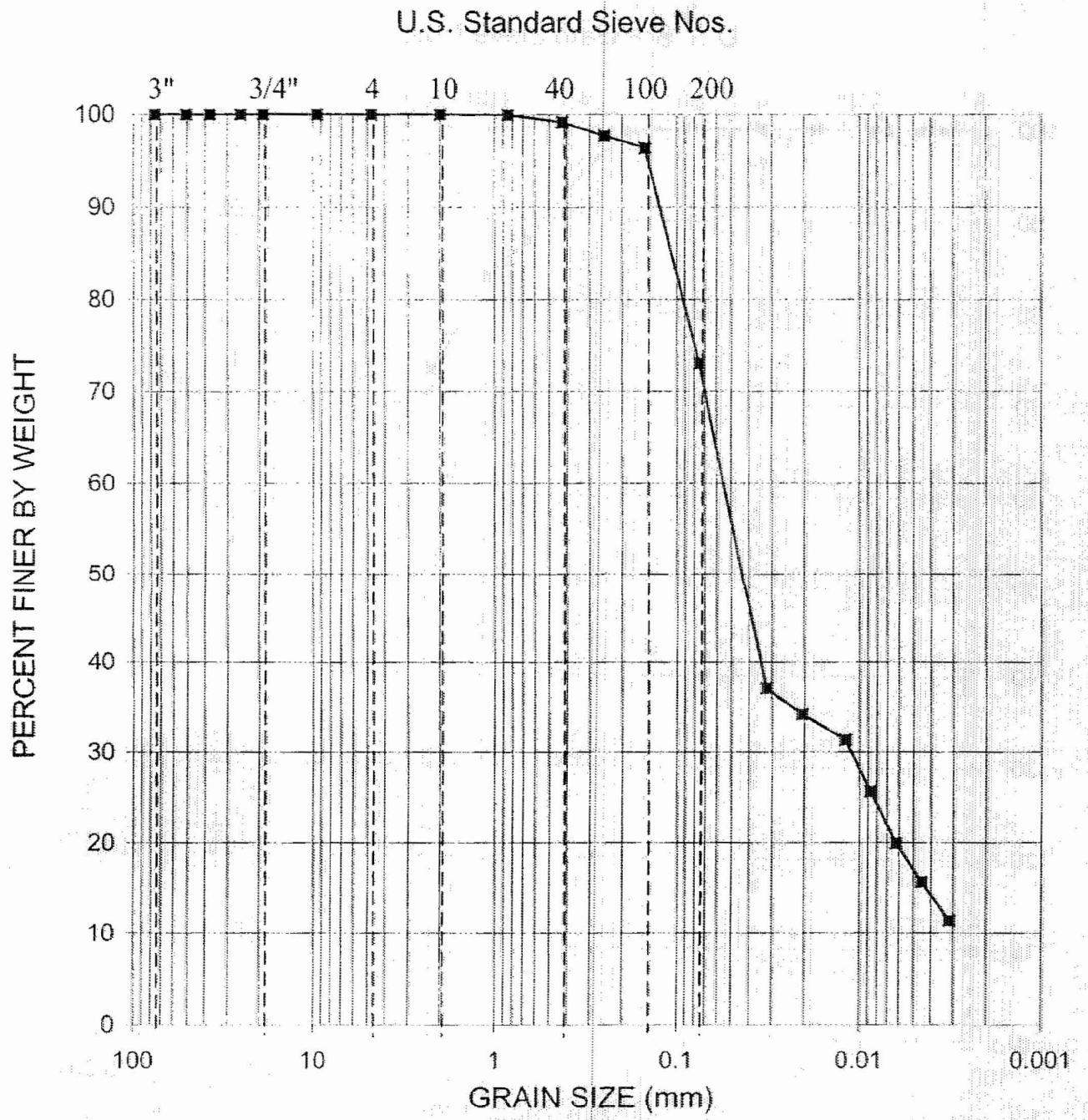
GRADATION CURVE

ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland		Contract No.: 06120048.00		Date: 8/14/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-301	283.5	LEAN CLAY, with sand, dark green	CL		

Schnabel Engineering

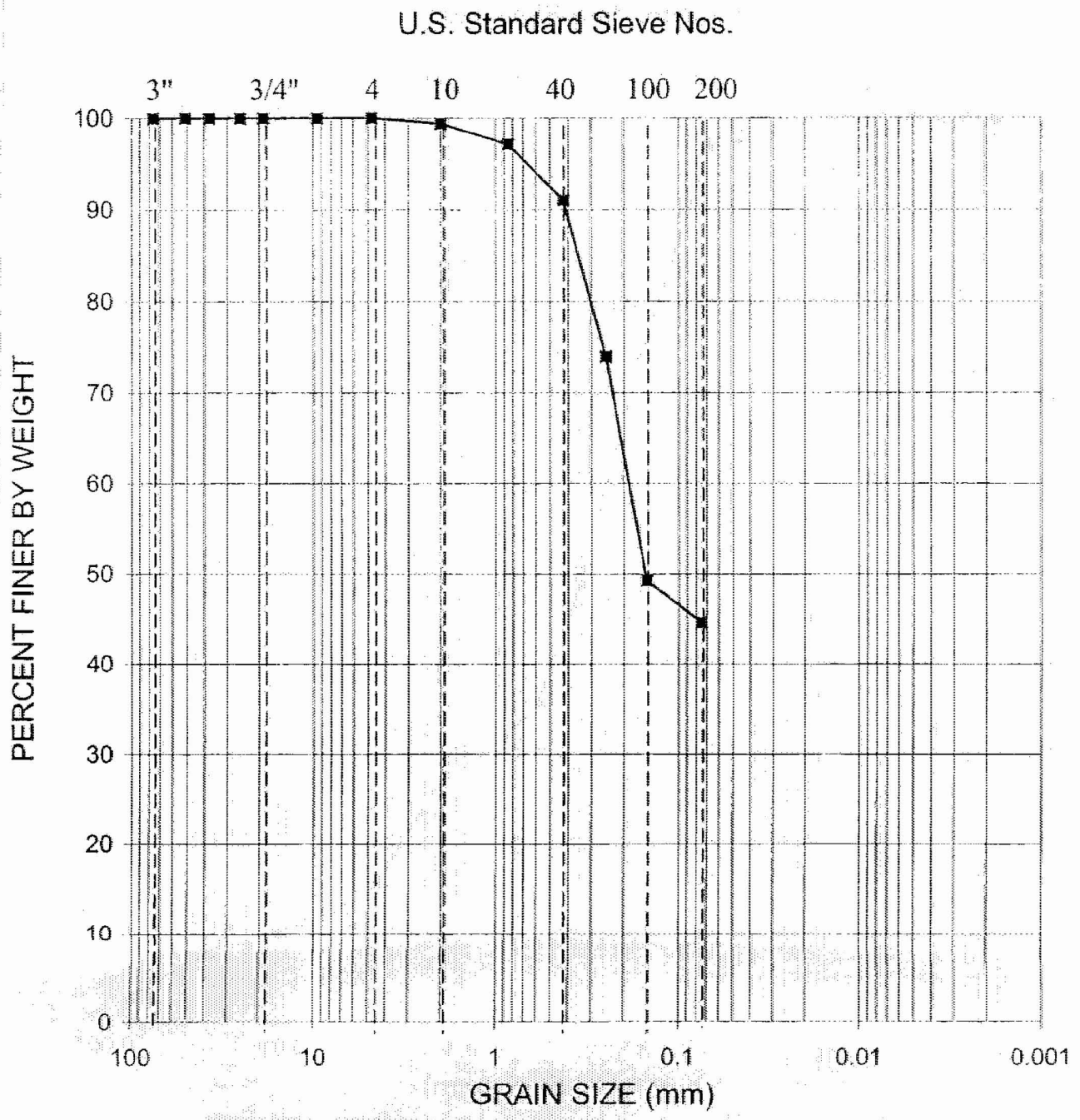


GRADATION CURVE

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-301	293.5	ELASTIC SILT, with sand, dark green	MH	117	44	

Schnabel Engineering



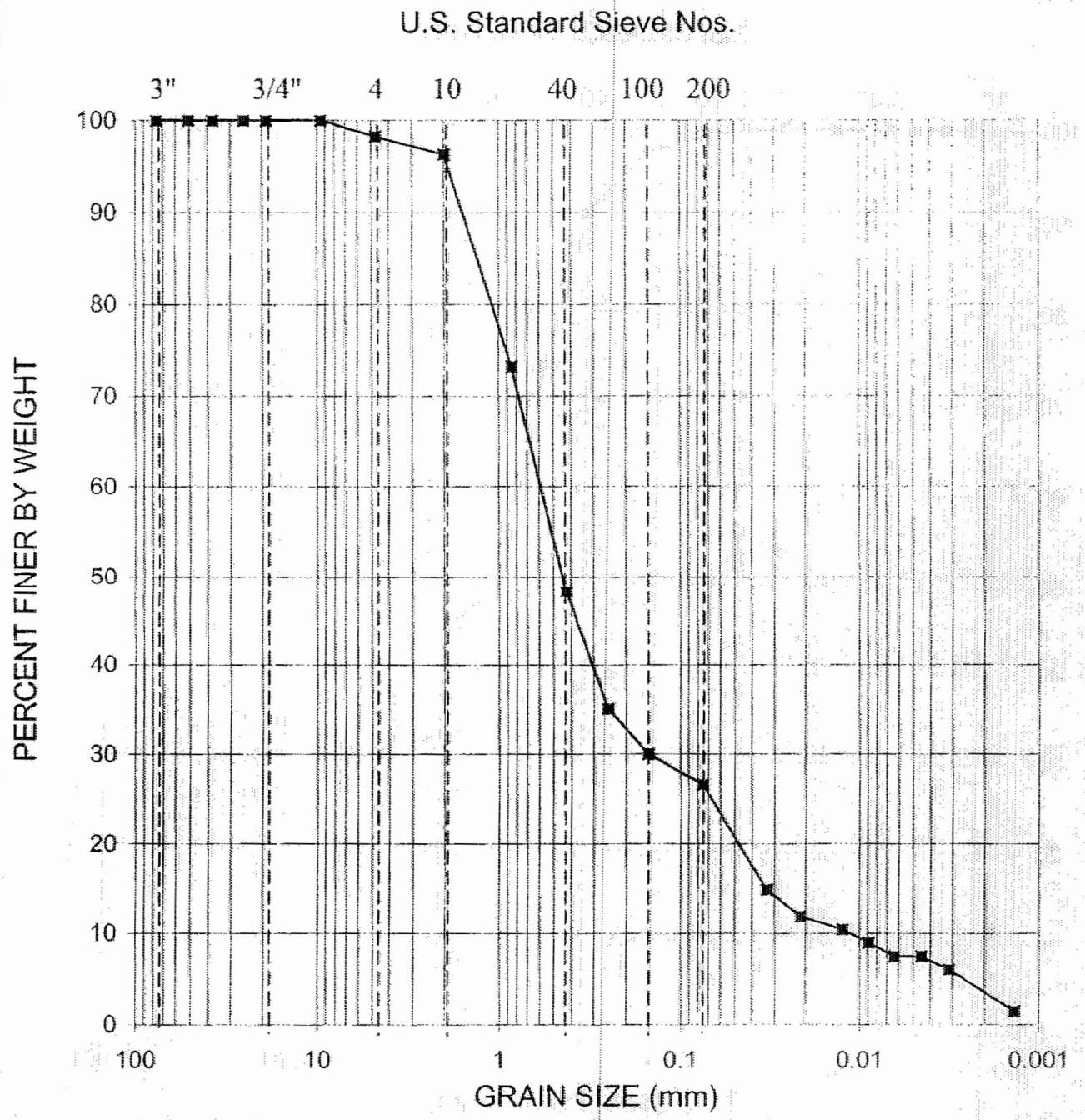
GRADATION CURVE

ASTM D422

Project:	Constellation Energy Group COLA Project, Calvert Cliffs Nuclear Power Plant (CCNPP), Calvert County, Maryland	Contract No.:	06120048.00	Date:	8/14/2006

Boring No.	Depth (ft)	Sample Description	Class.	LL	PI
B-301	303.5	Clayey SAND, dark green	SC		

Schnabel Engineering



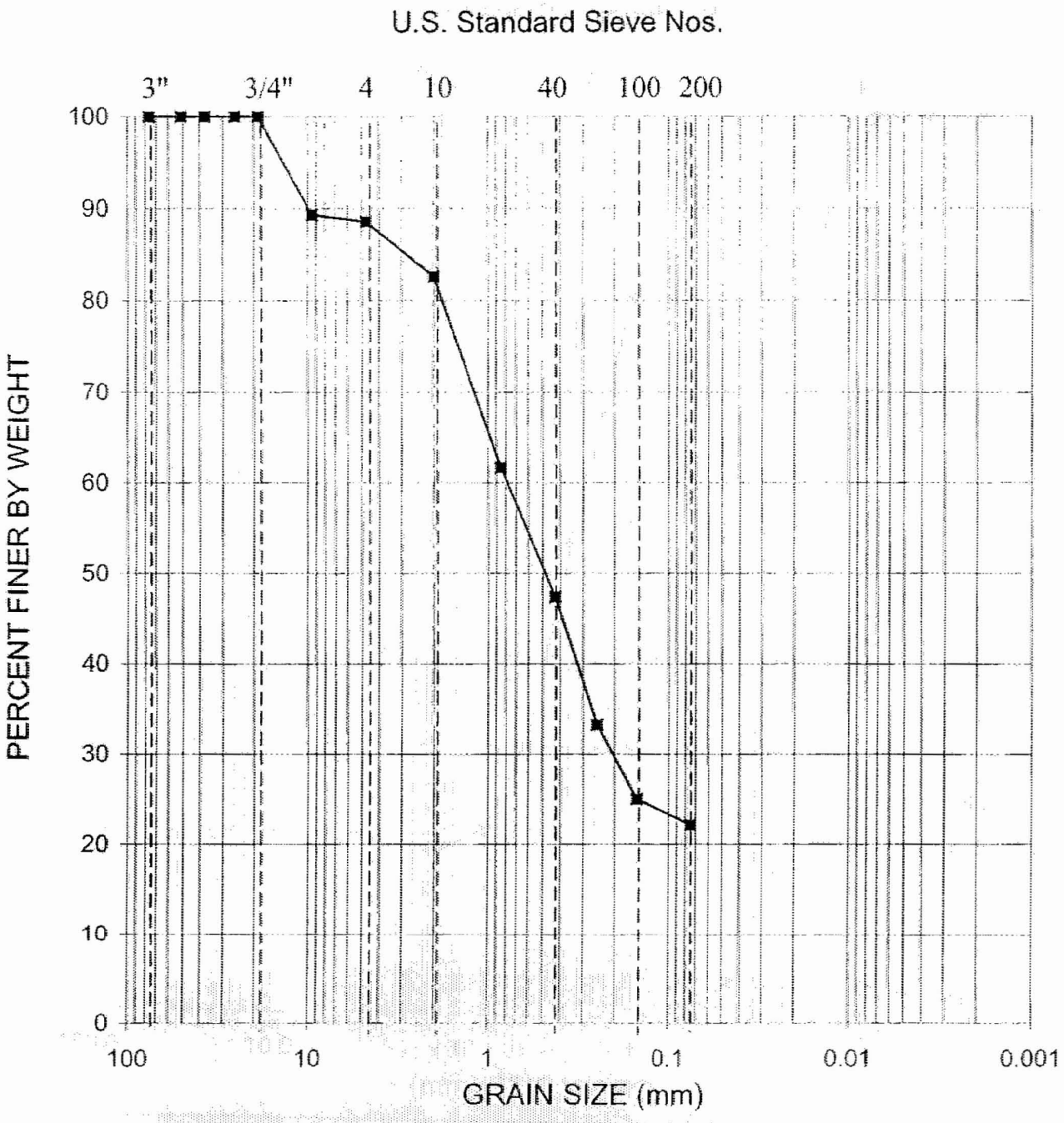
GRADATION CURVE

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-301	313.5	Clayey SAND, trace shells, dark gray	SC		

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: 8/14/2006	
Boring No.	Depth (ft)	Sample Description	Class.	LL	PI	
B-301	323.5	Clayey SAND, trace cemented sand, dark gray	SC			Schnabel Engineering