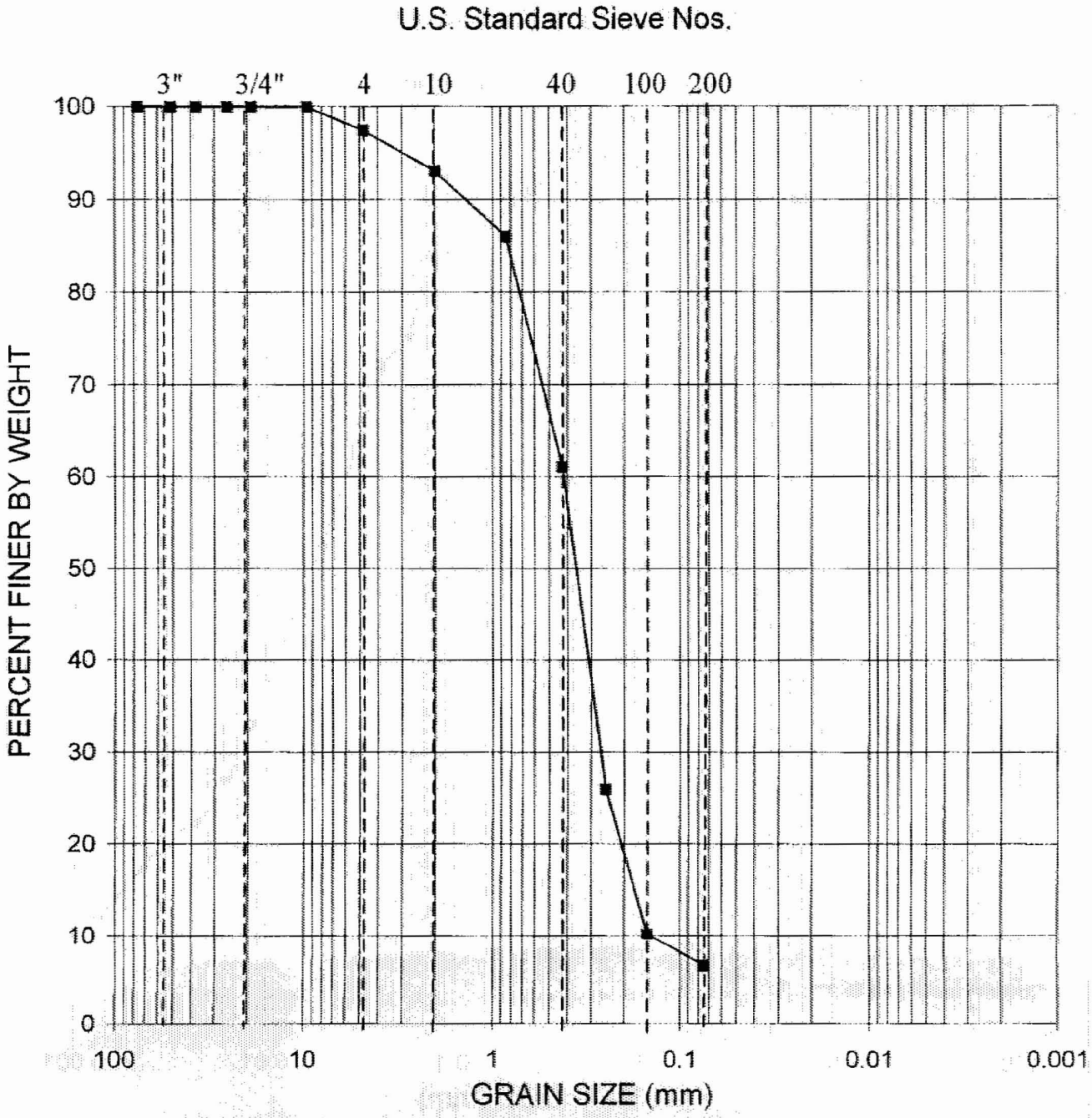



**GRADATION CURVE**

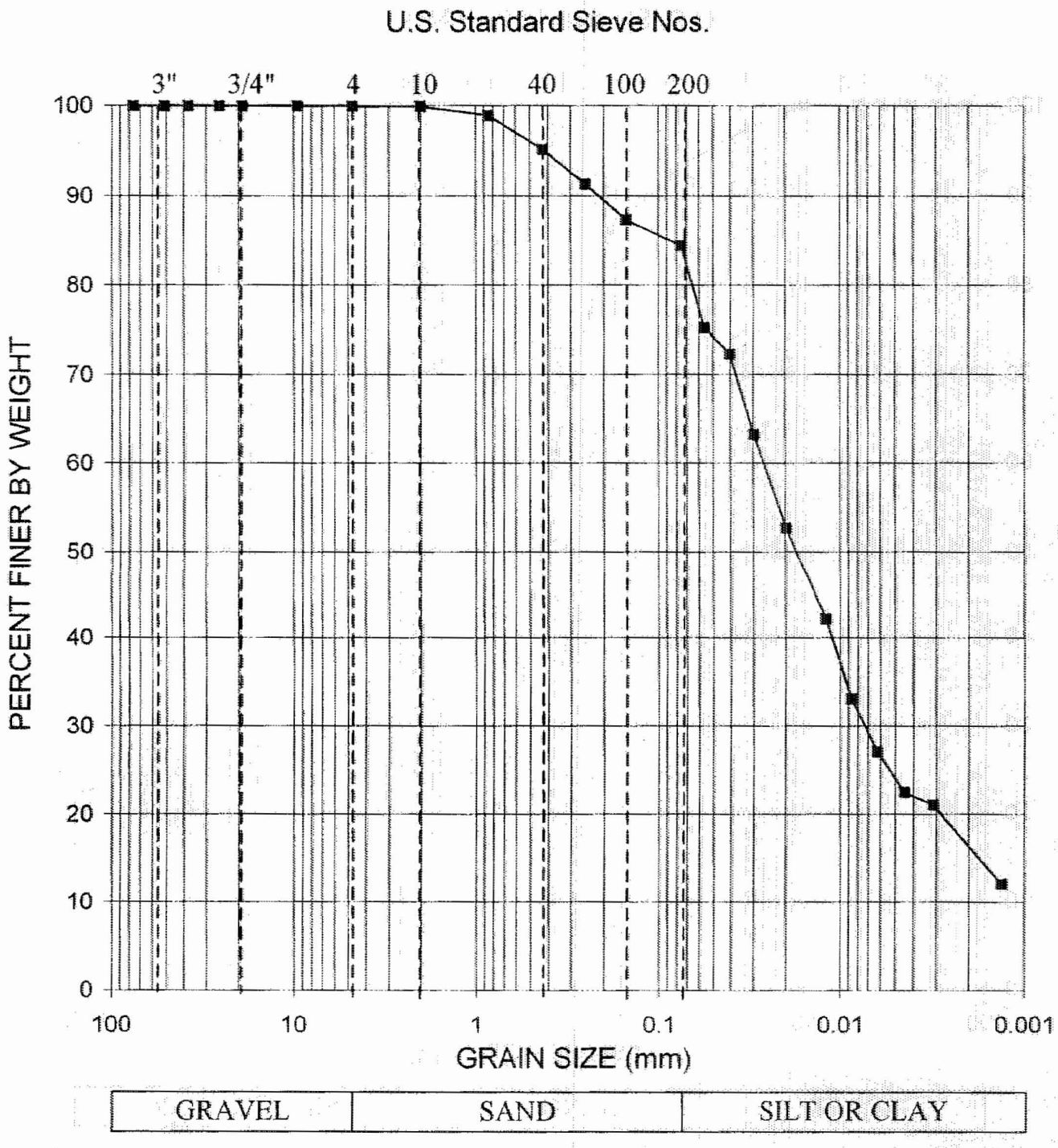
ASTM D422

| 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



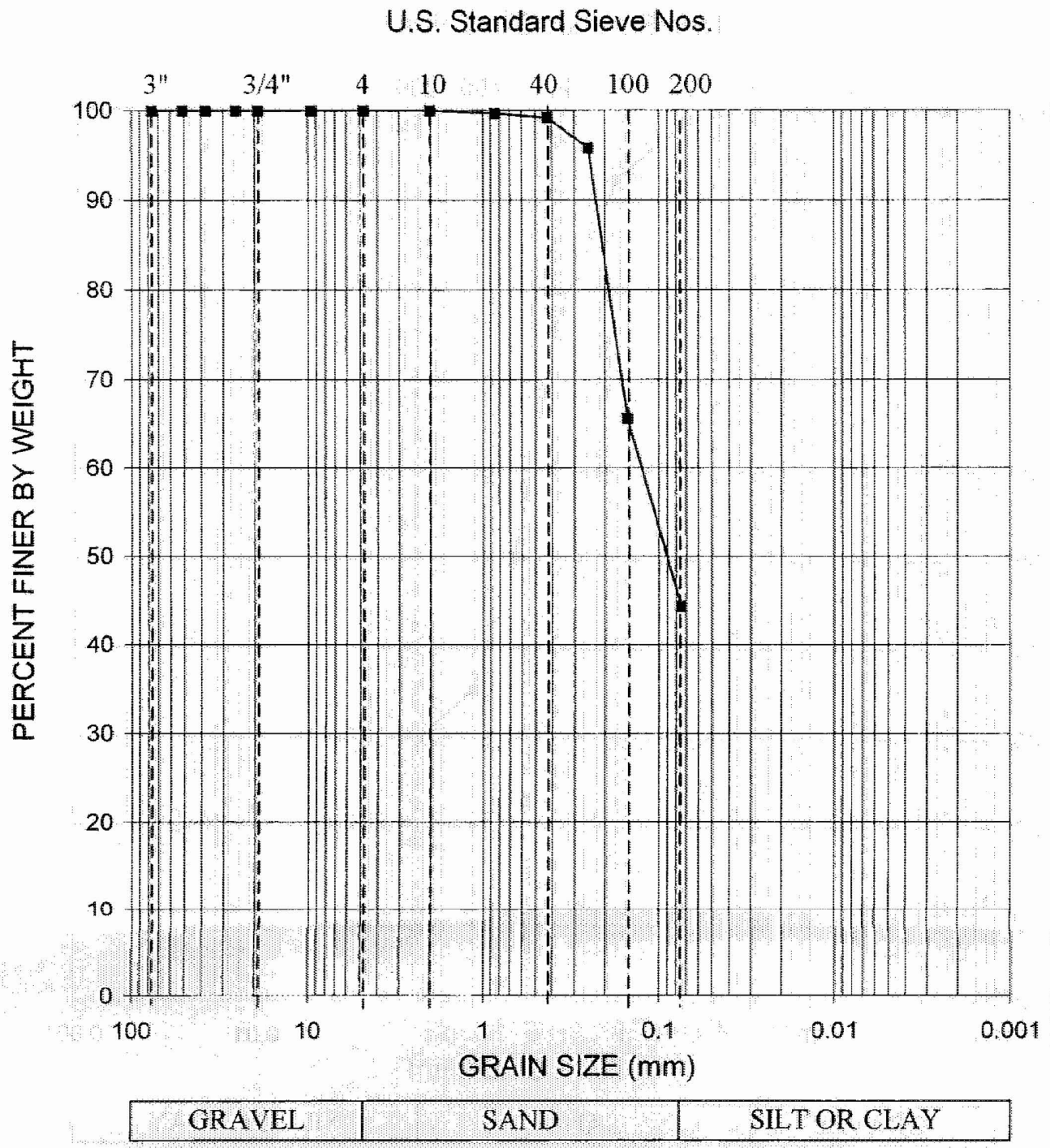

**GRADATION CURVE**

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**

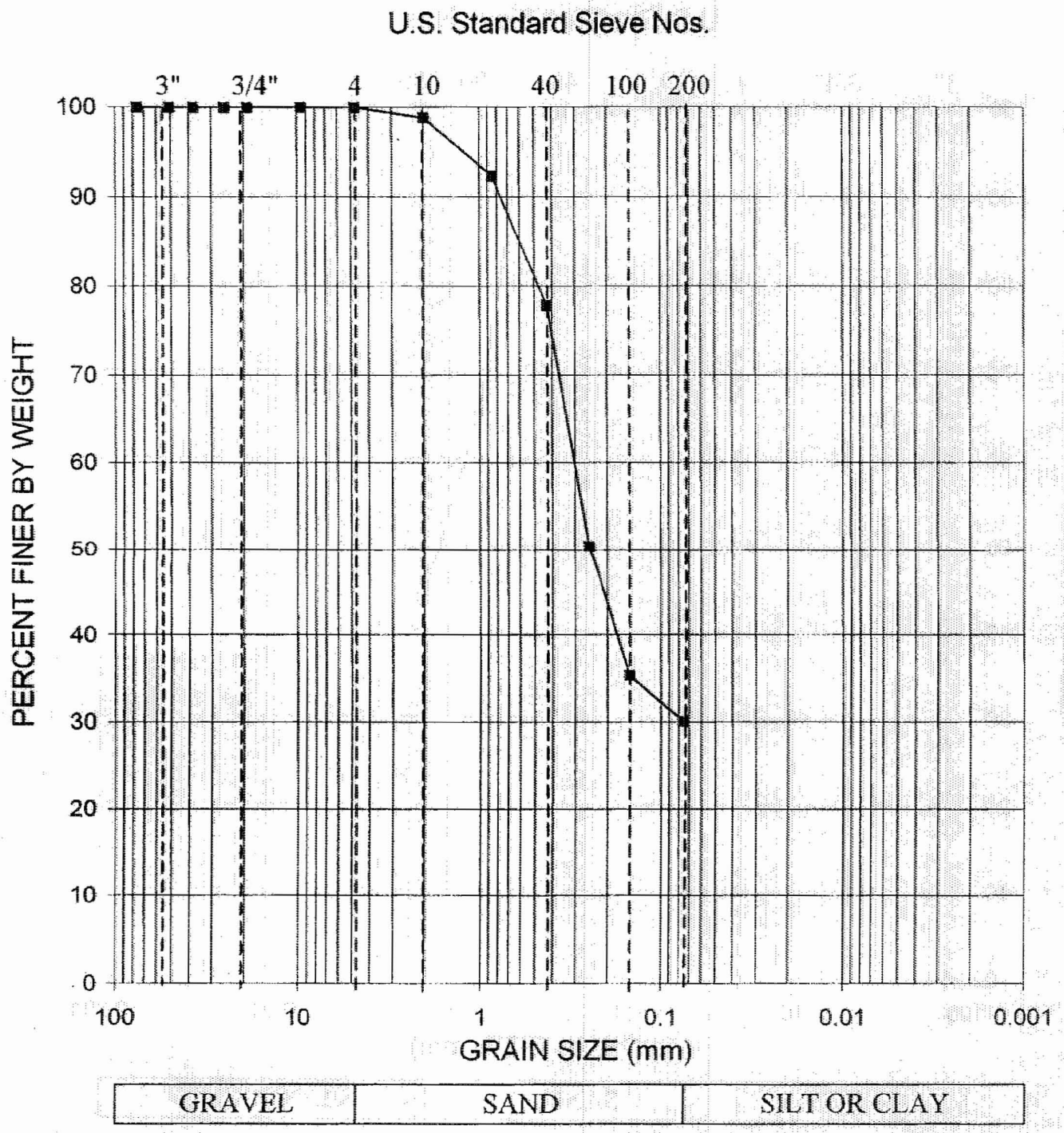
ASTM D422

| 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**

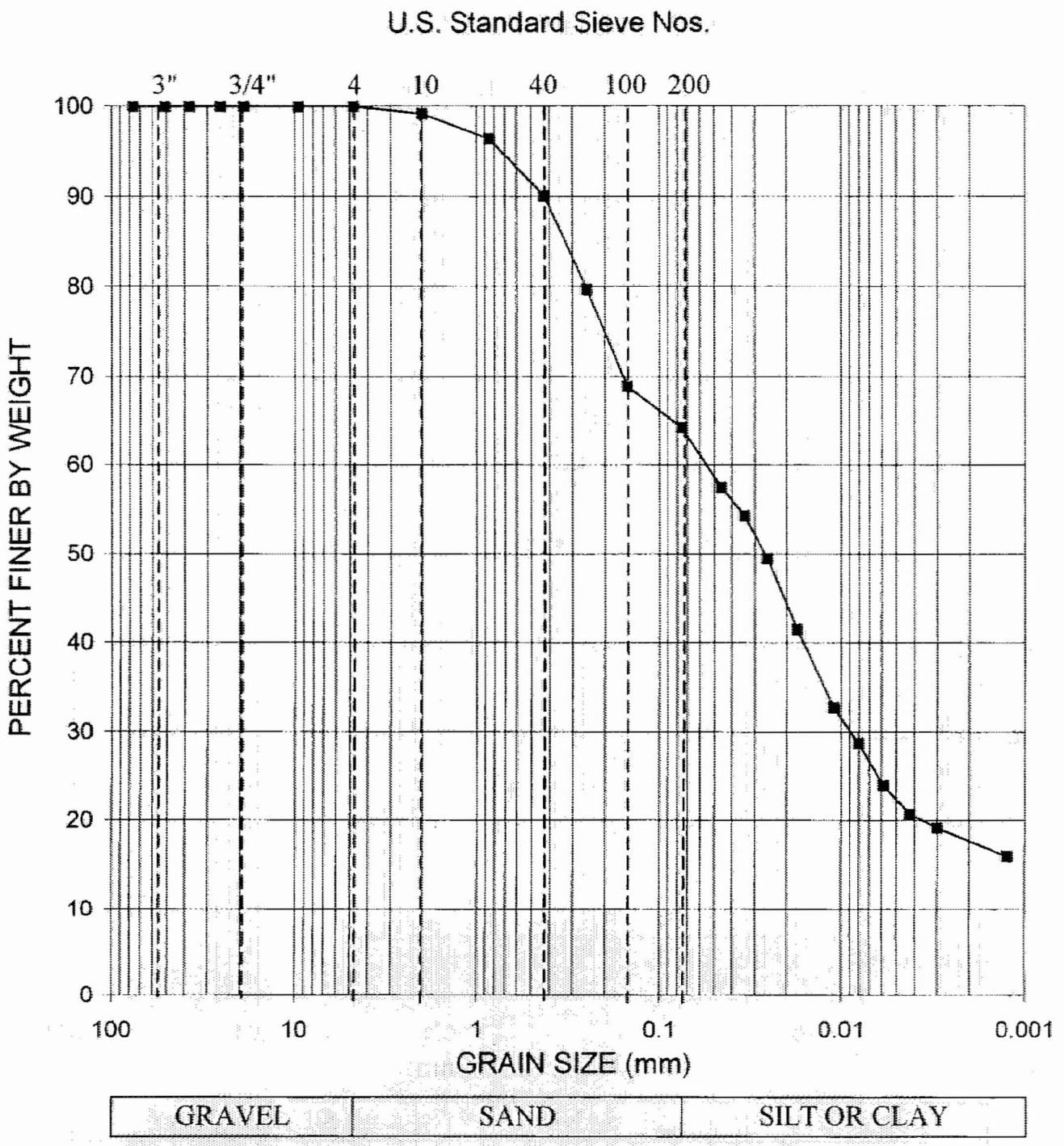
ASTM D422

| 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

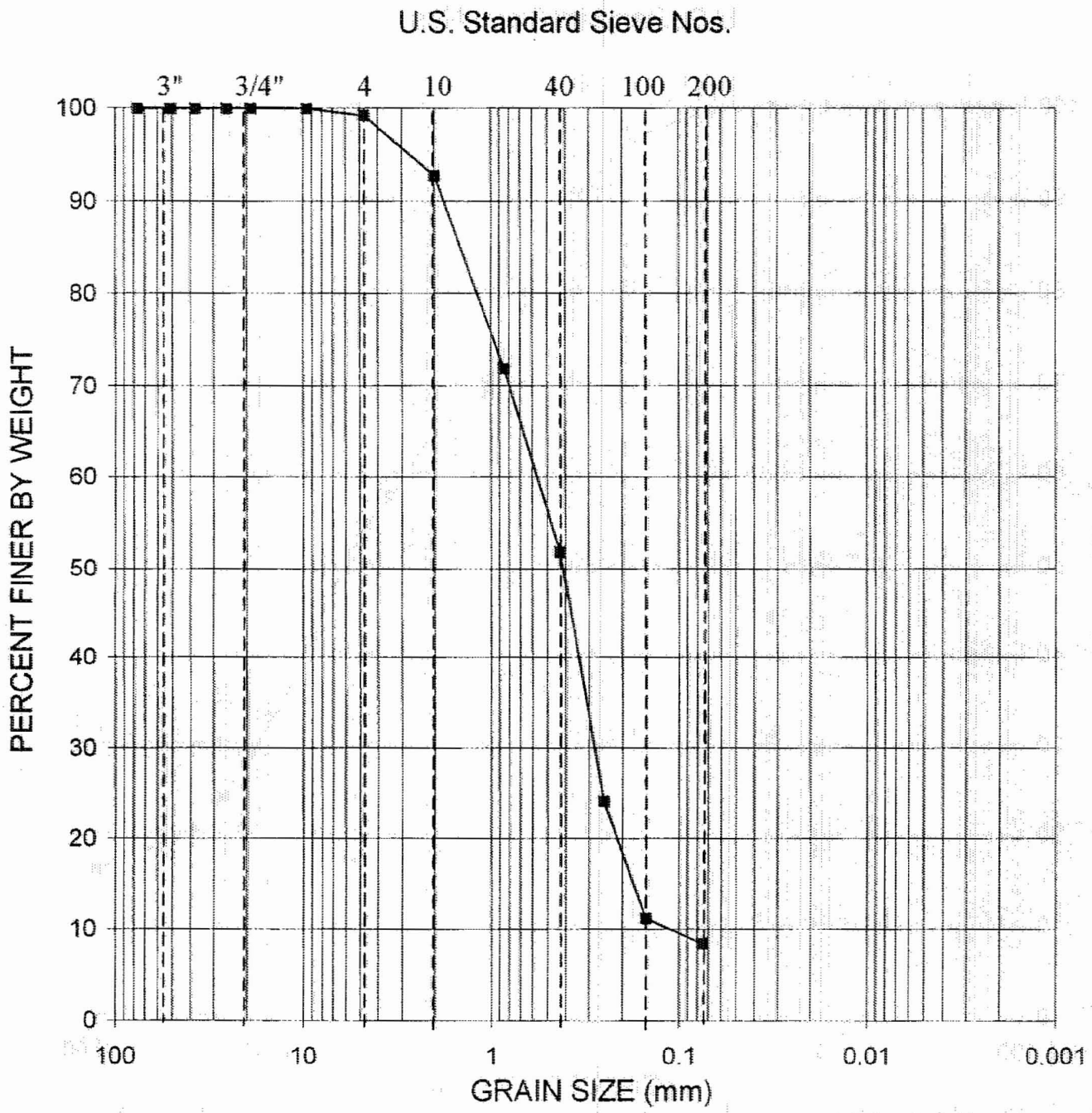
Schnabel Engineering




**GRADATION CURVE**

ASTM D422

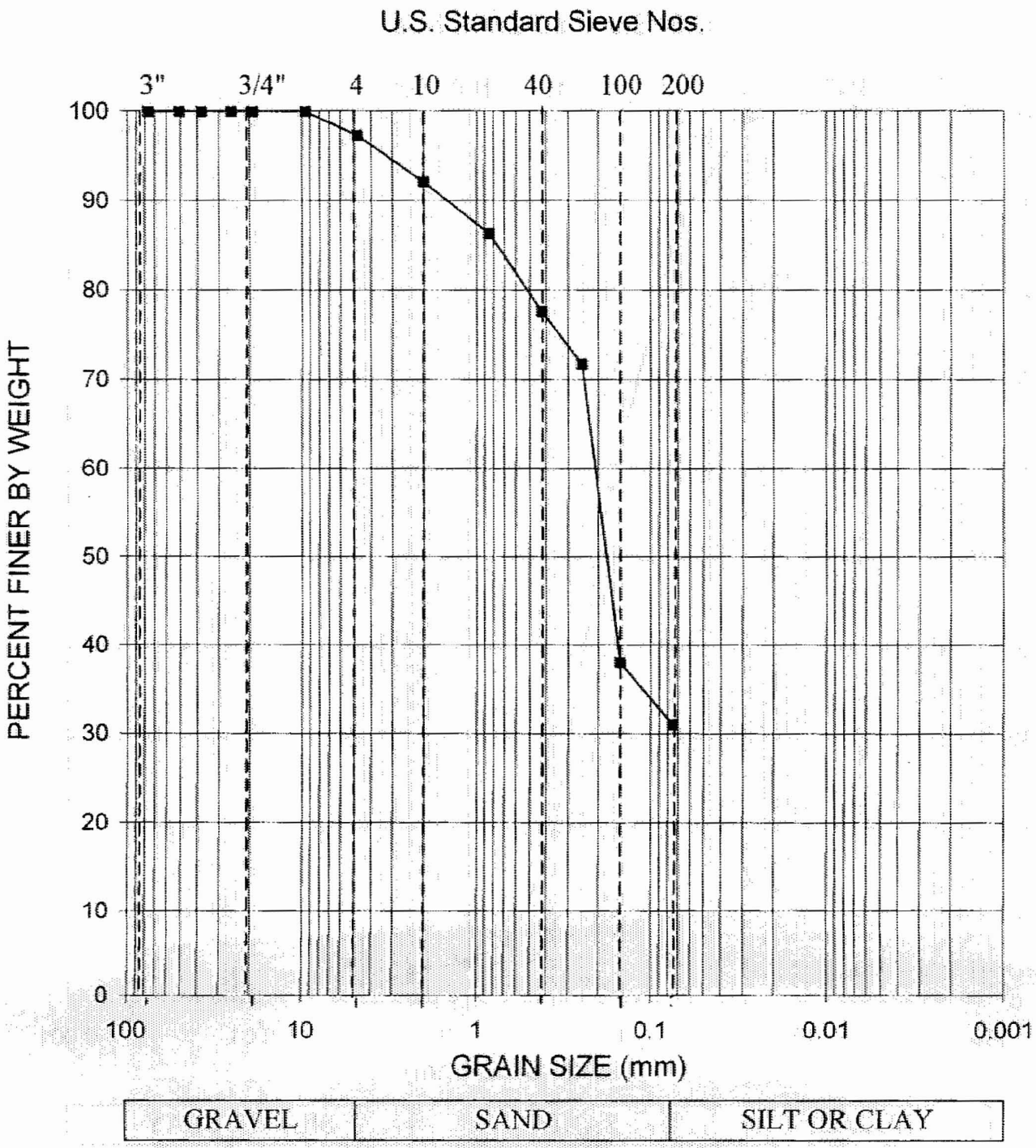
| Project: | Constellation Energy Group COLA Project, Calvert Cliffs NuclearPower Plant (CCNPP), Calvert County, Maryland | | Contract No.: | 06120048.00 | Date: | 9/18/2006 |
|---|---|---|---|---|---|---|
| Boring No. | Depth (ft) | Sample Description | Class. | LL | PI | |
| TP-B-744 | 1.5-2.5 | Sandy 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**

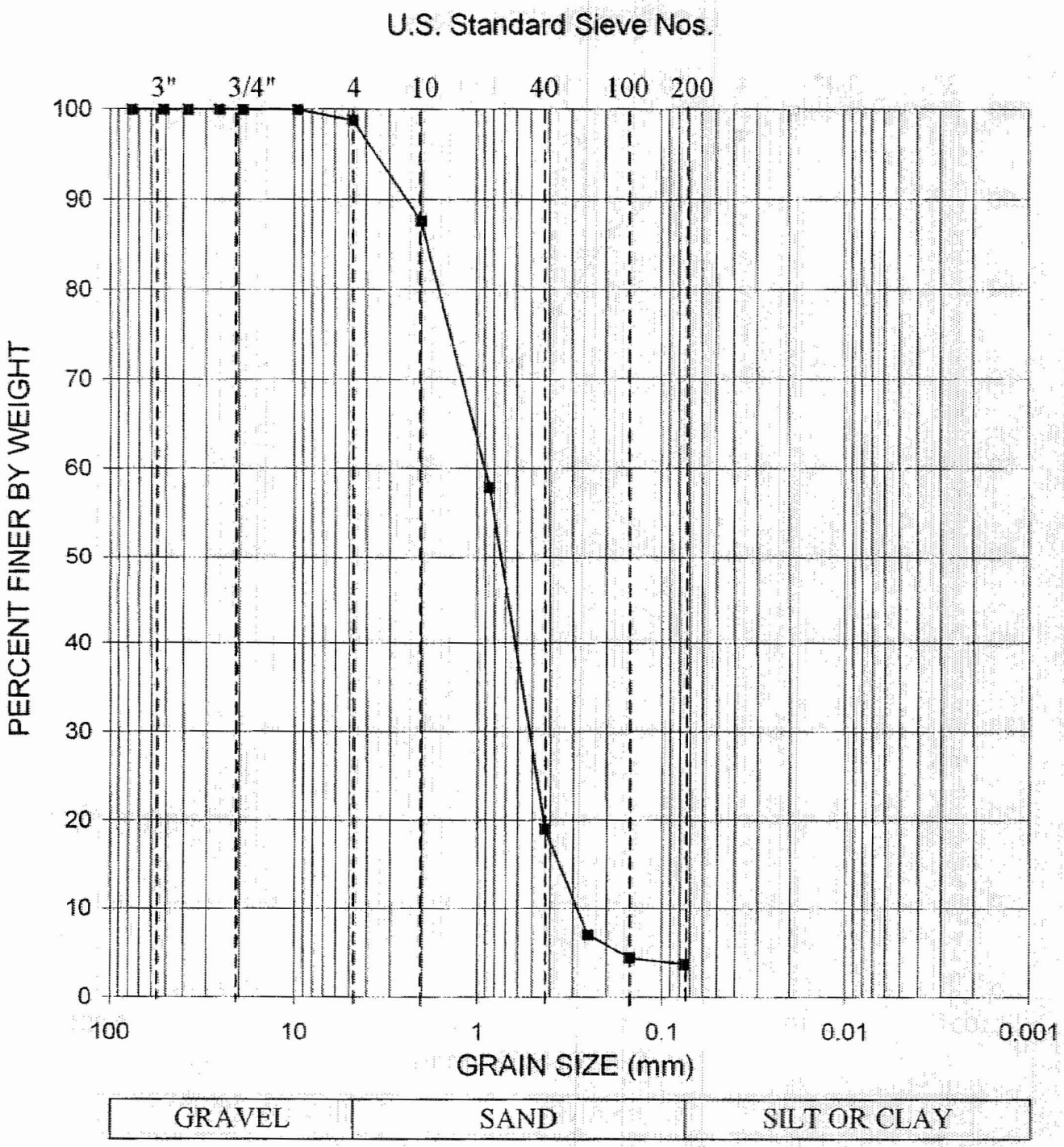
ASTM D422

| 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

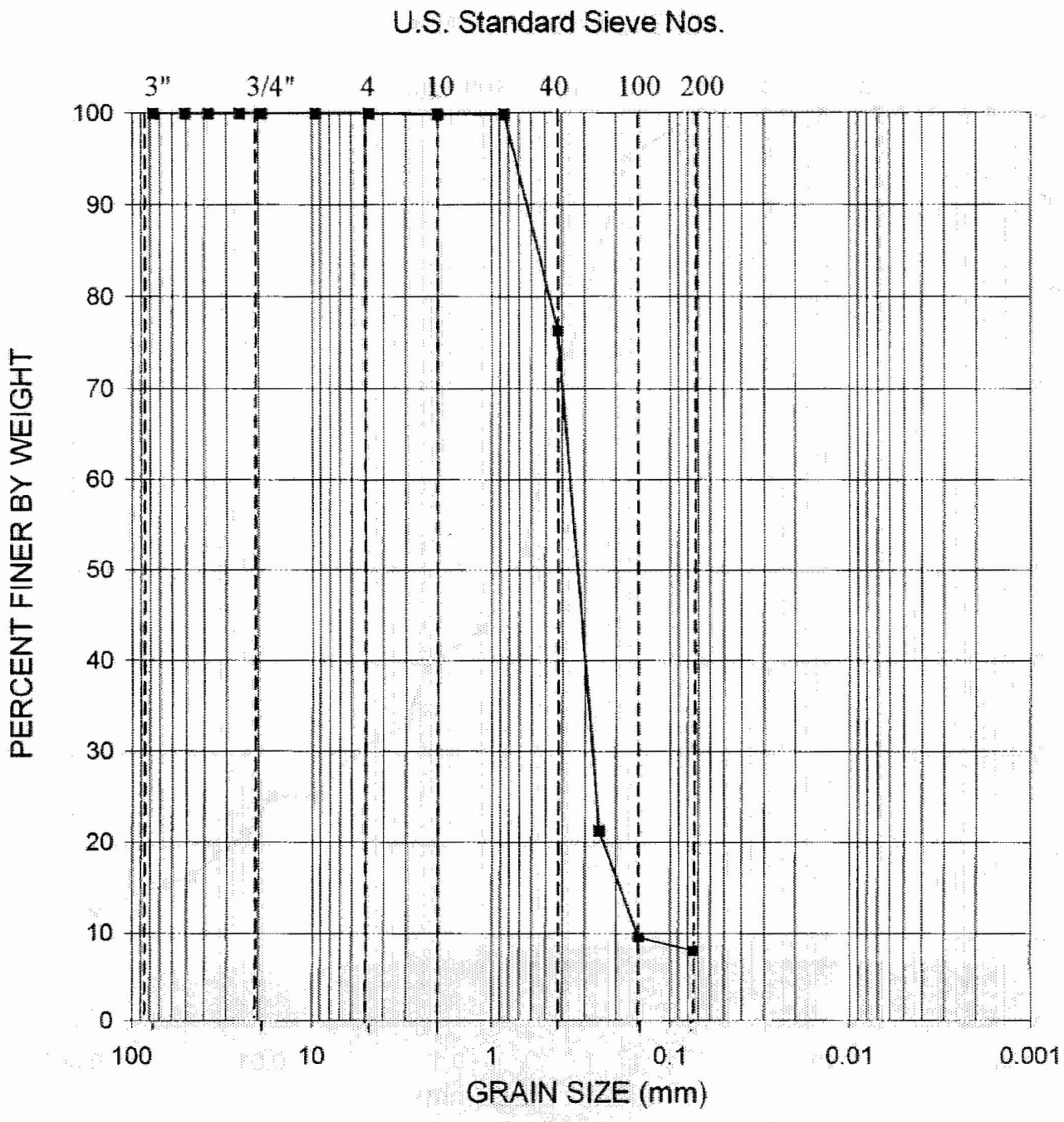



**GRADATION CURVE**

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**

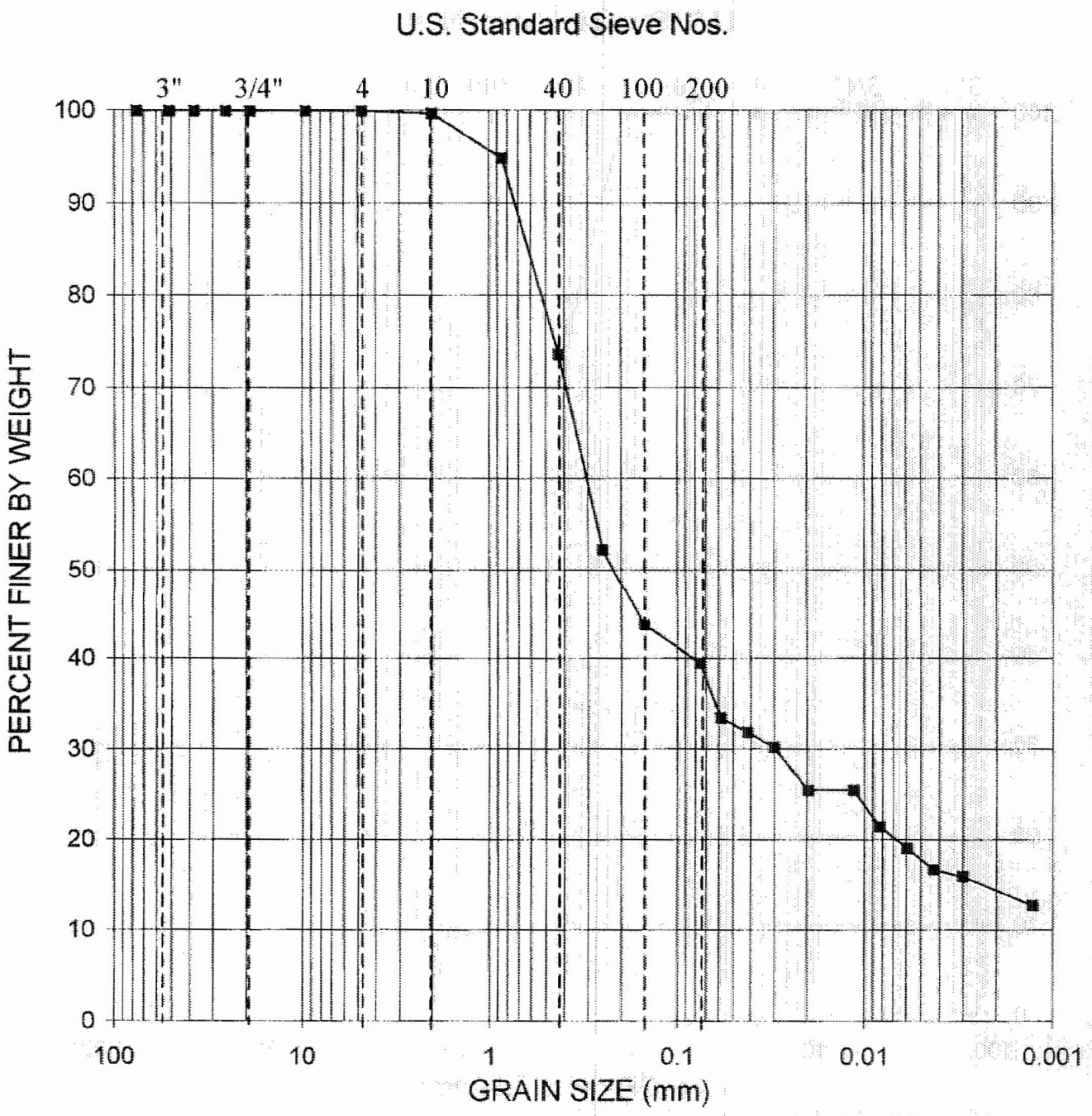
ASTM D422

| 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

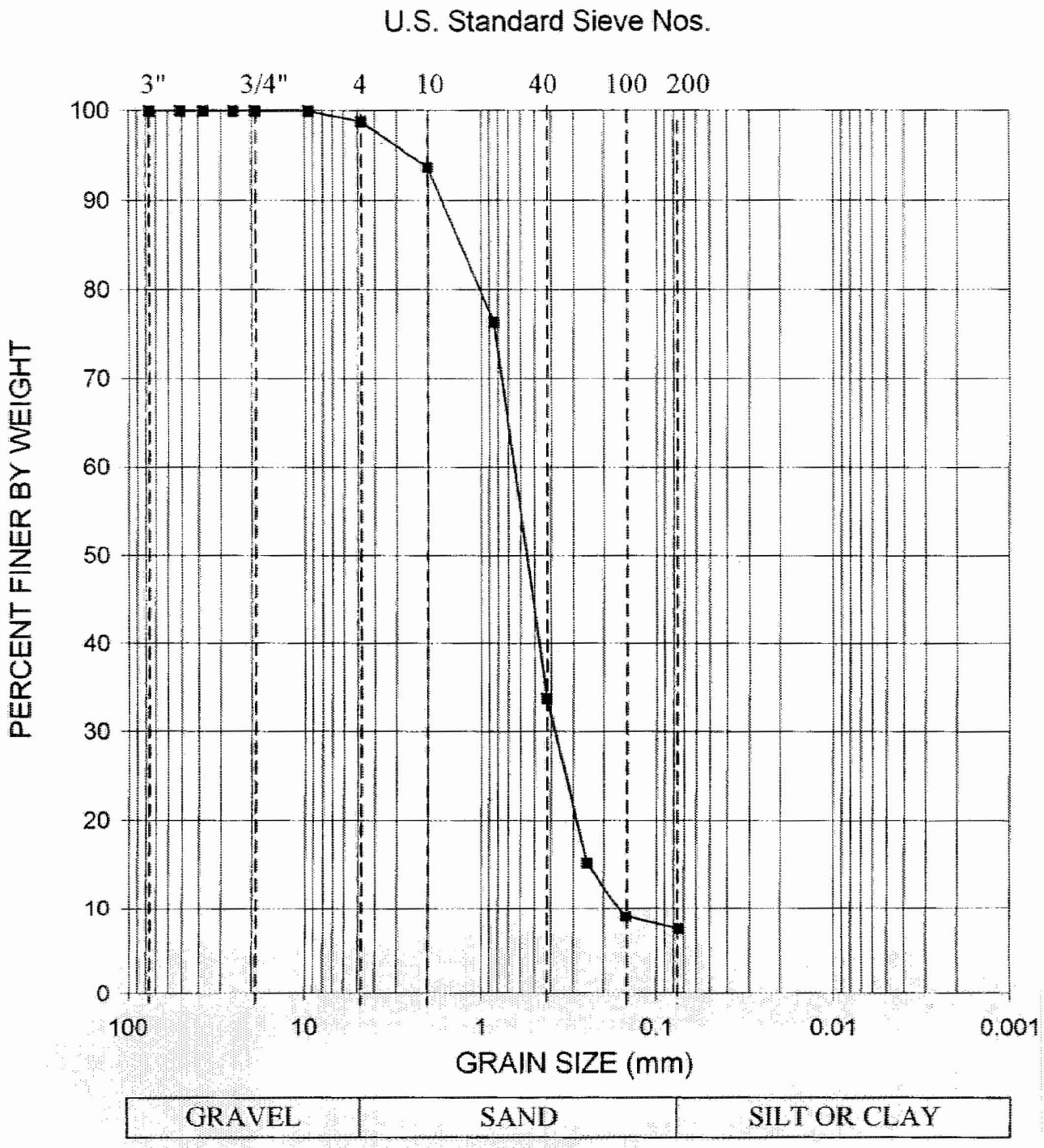



**GRADATION CURVE**

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**

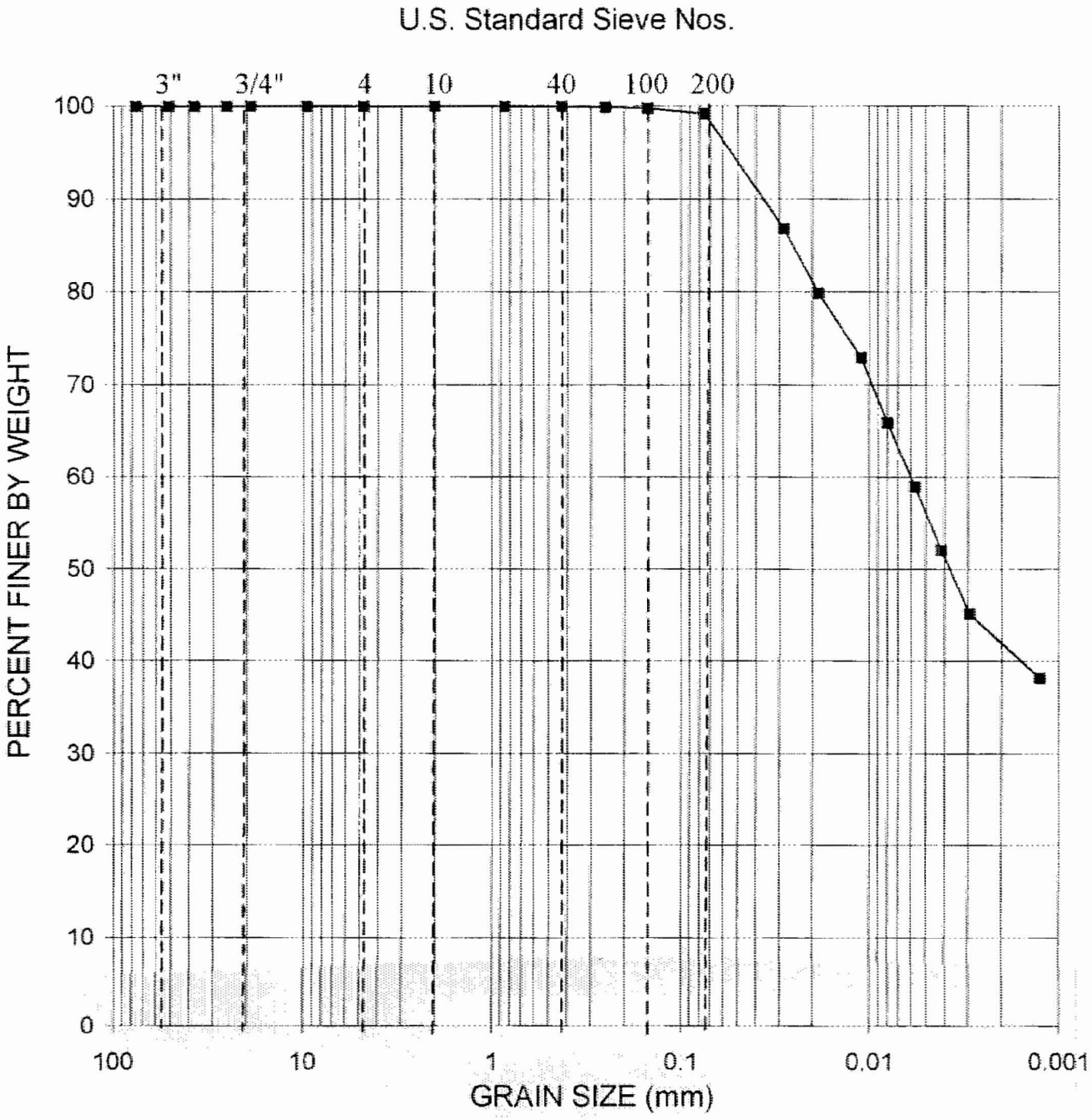
ASTM D422

| 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**

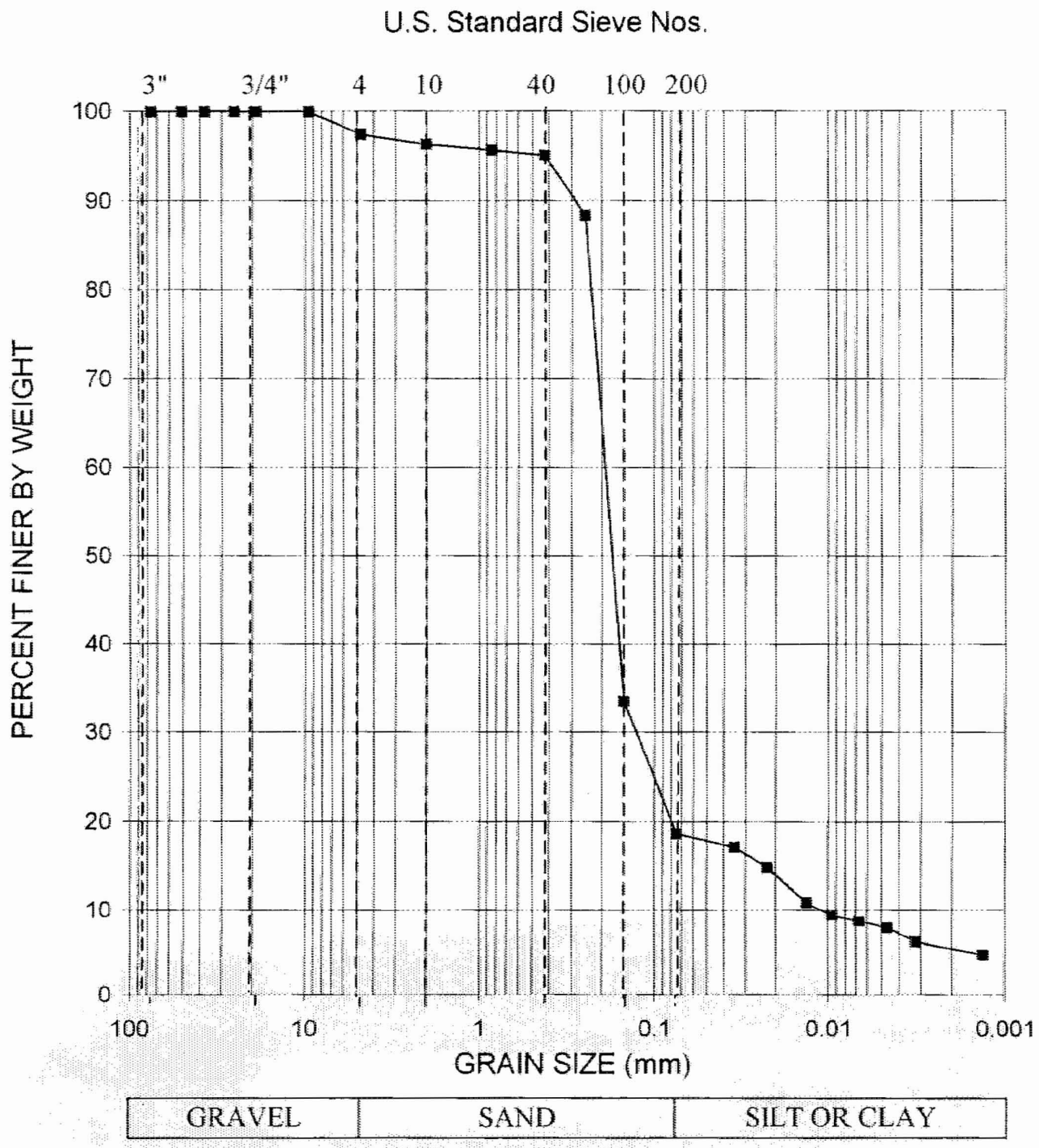
ASTM D422

| 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