

**ANNEXE 4**

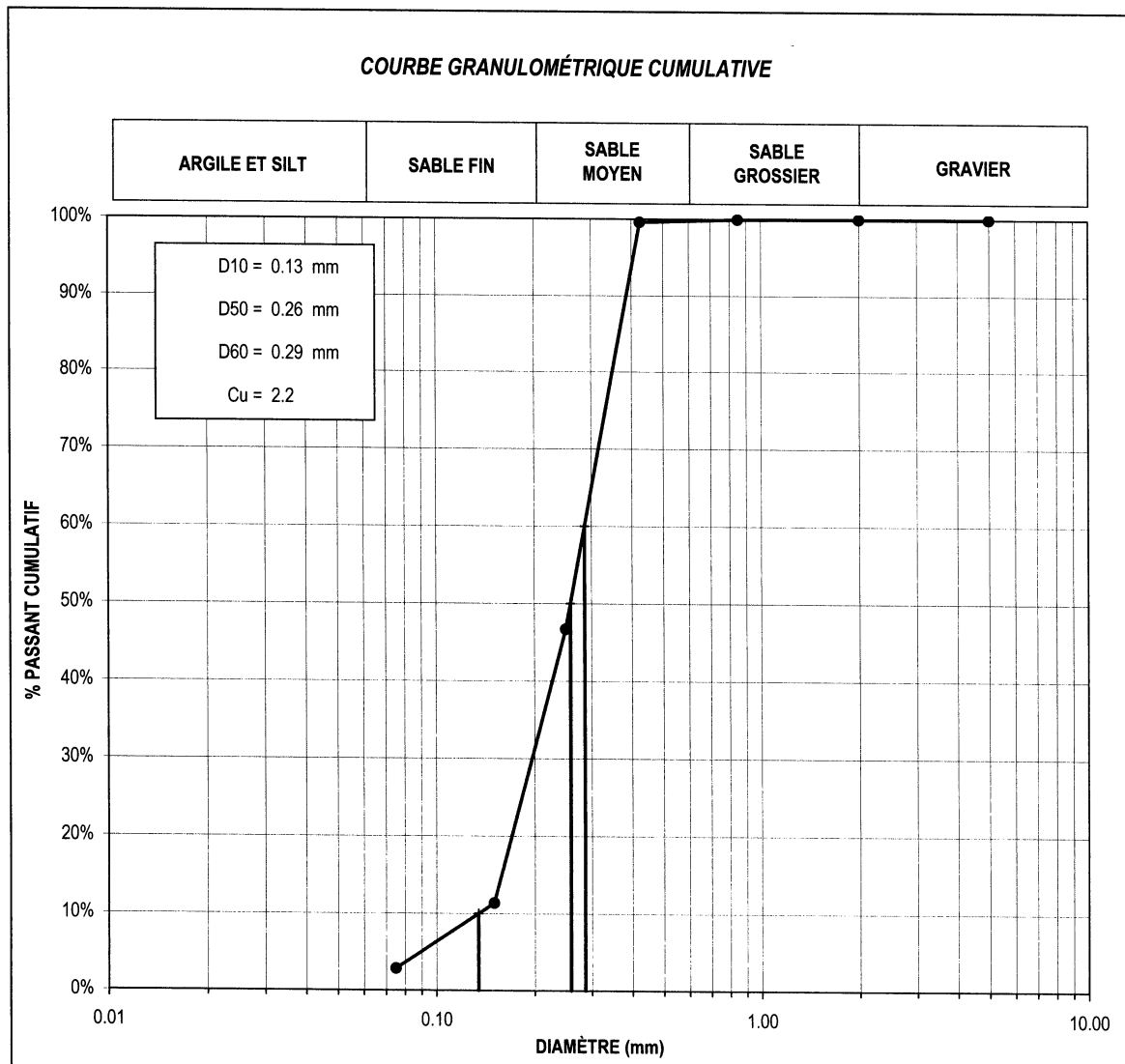
**ANALYSES GRANULOMÉTRIQUES**

### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 13 novembre 01

PROFONDEUR : 3,66-4,27 m  
SONDAGE: F-301A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.95%	0.2	0.05%	0.05%
0.425	99.61%	1.4	0.34%	0.39%
0.250	46.71%	215.4	52.90%	53.29%
0.150	11.37%	143.9	35.34%	88.63%
0.075	2.87%	34.6	8.50%	97.13%
<0,075	0.00%	11.7	2.87%	100.00%
TOTAL		407.20		

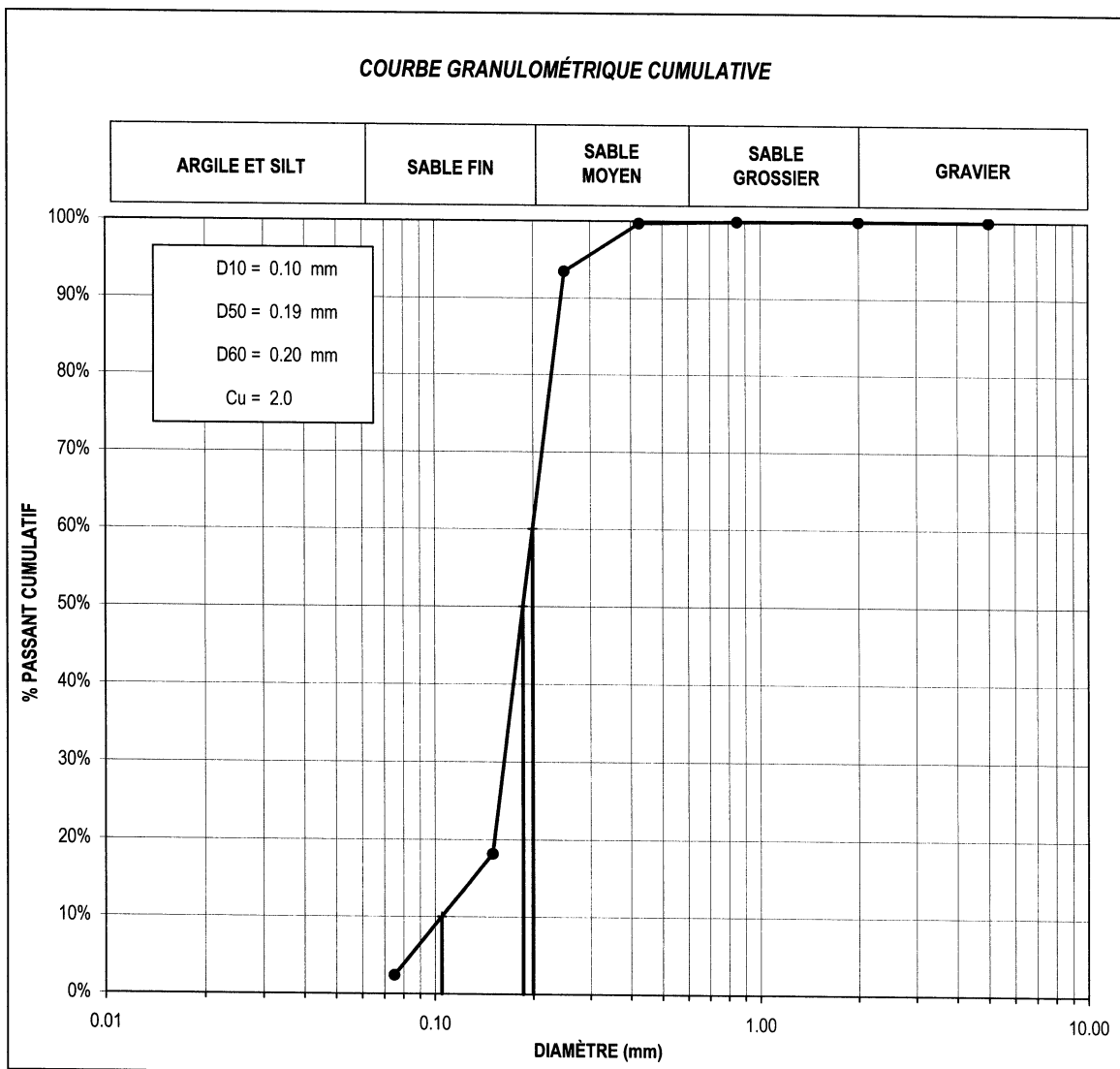


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 13 novembre 01

PROFONDEUR : 7,32-7,92m  
SONDAGE: F-301A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.94%	0.4	0.06%	0.06%
0.425	99.71%	1.6	0.23%	0.29%
0.250	93.47%	43.5	6.24%	6.53%
0.150	18.18%	524.9	75.30%	81.82%
0.075	2.41%	109.9	15.77%	97.59%
<0,075	0.00%	16.8	2.41%	100.00%
TOTAL		697.10 g		



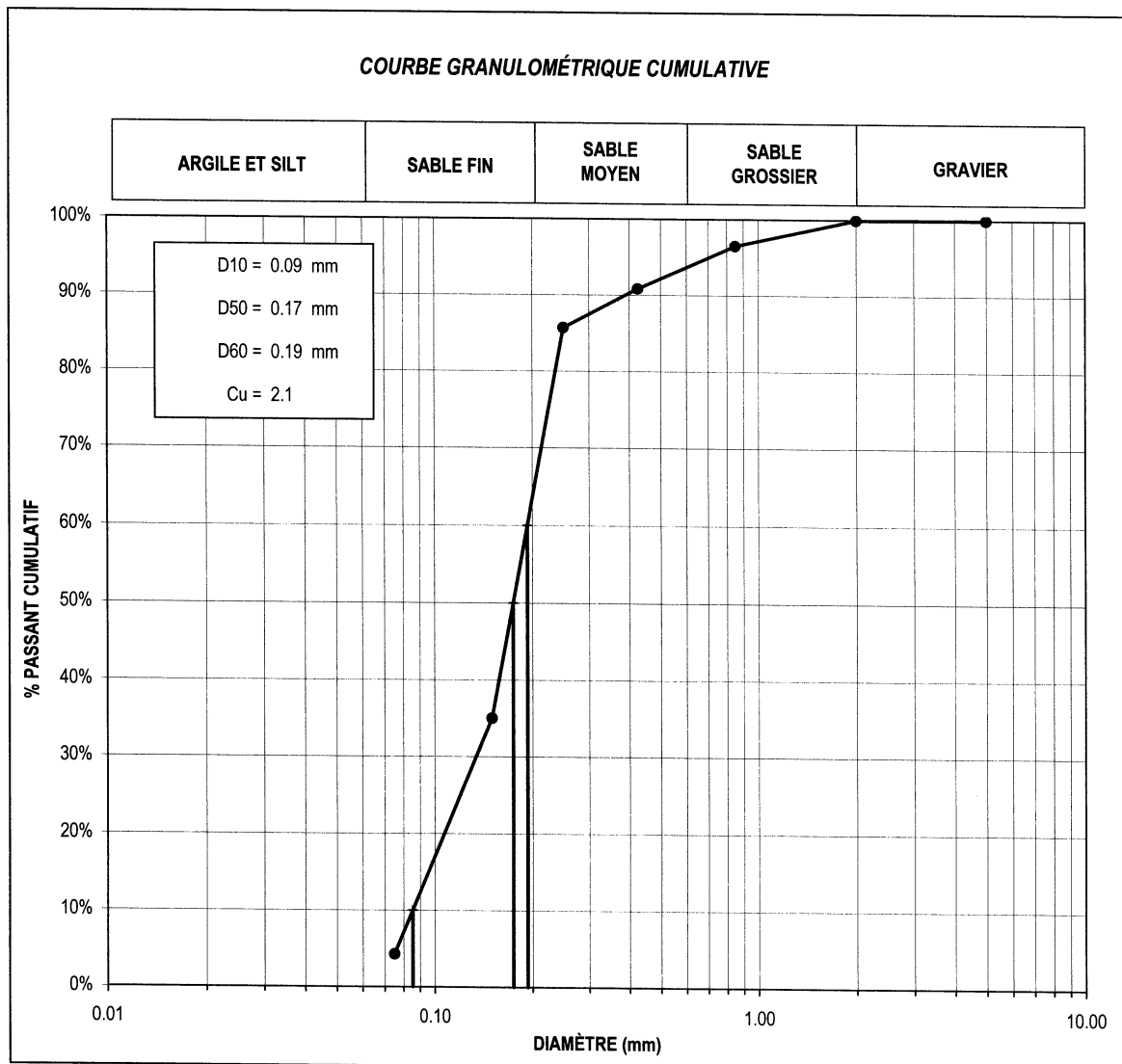
### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 12 novembre 01

PROFONDEUR : 11.89-12.50 m  
SONDAGE: F-301B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	99.95%	0.4	0.05%	0.05%
0.850	96.51%	28.6	3.44%	3.49%
0.425	90.83%	47.3	5.69%	9.17%
0.250	85.67%	42.9	5.16%	14.33%
0.150	35.01%	421.3	50.66%	64.99%
0.075	4.30%	255.4	30.71%	95.70%
<0,075	0.00%	35.8	4.30%	100.00%

TOTAL 831.70 g

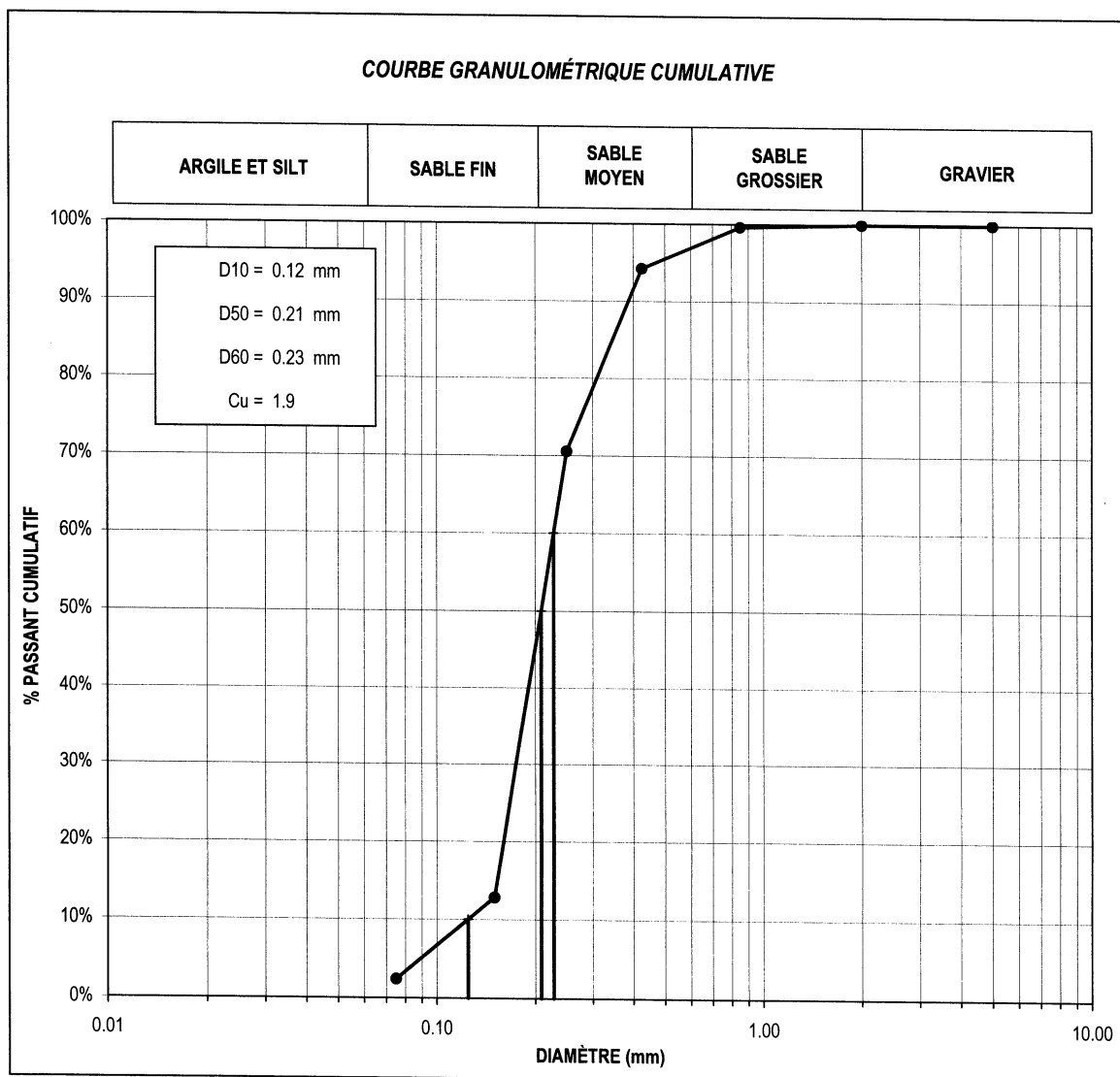


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 12 novembre 01

PROFONDEUR : 4.57-5.18 m  
SONDAGE : F-302A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.62%	2.1	0.38%	0.38%
0.425	94.23%	29.5	5.39%	5.77%
0.250	70.53%	129.8	23.70%	29.47%
0.150	12.80%	316.2	57.73%	87.20%
0.075	2.43%	56.8	10.37%	97.57%
<0,075	0.00%	13.3	2.43%	100.00%
TOTAL		547.70 g		

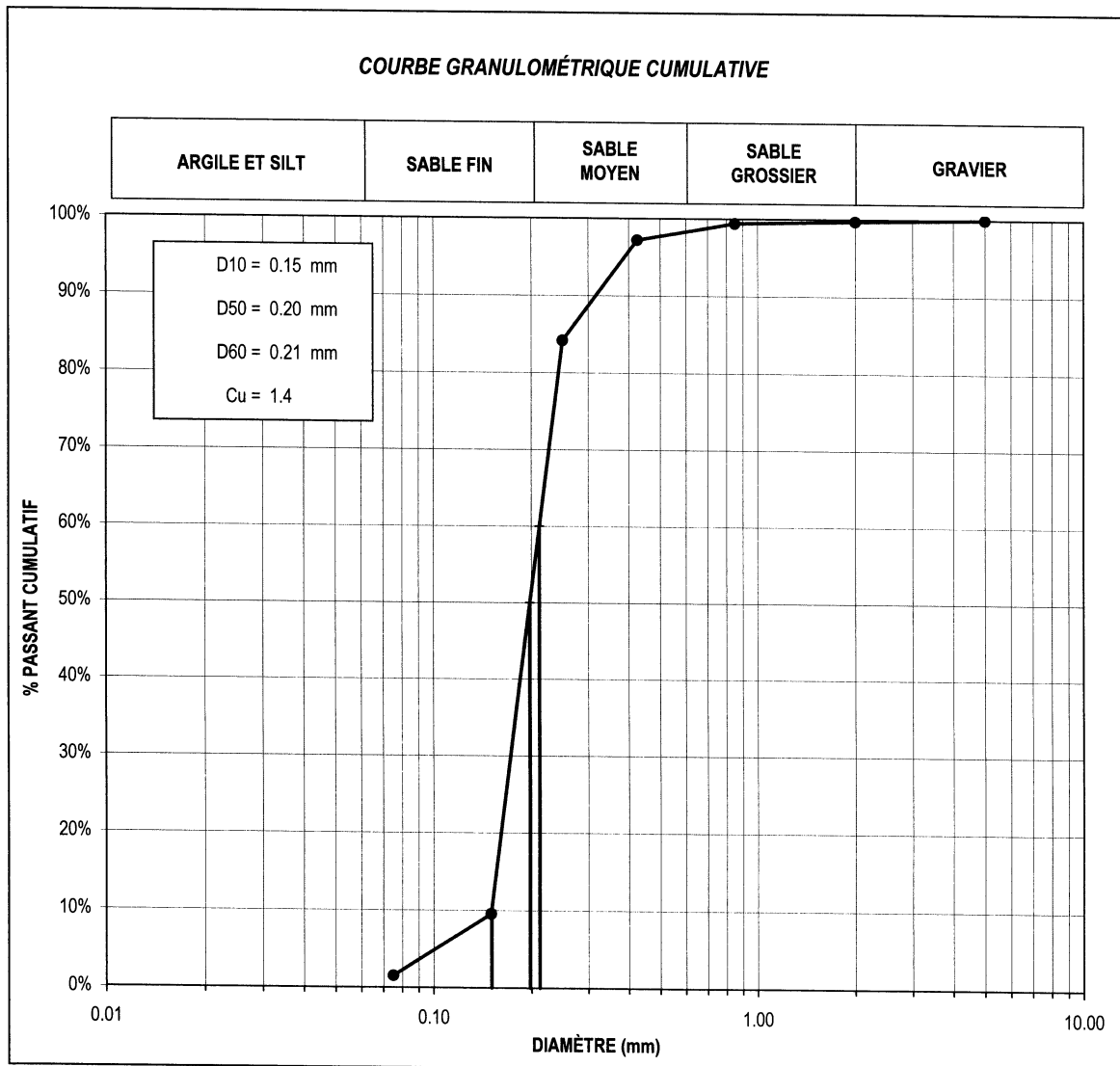


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 12 novembre 01

PROFONDEUR : 8.41-9.02 m  
SONDAGE: F-302A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	99.73%	1.9	0.27%	0.27%
0.850	99.42%	2.2	0.31%	0.58%
0.425	97.22%	15.6	2.20%	2.78%
0.250	84.15%	92.5	13.07%	15.85%
0.150	9.58%	527.9	74.57%	90.42%
0.075	1.54%	56.9	8.04%	98.46%
<0,075	0.00%	10.9	1.54%	100.00%
TOTAL		707.90 g		

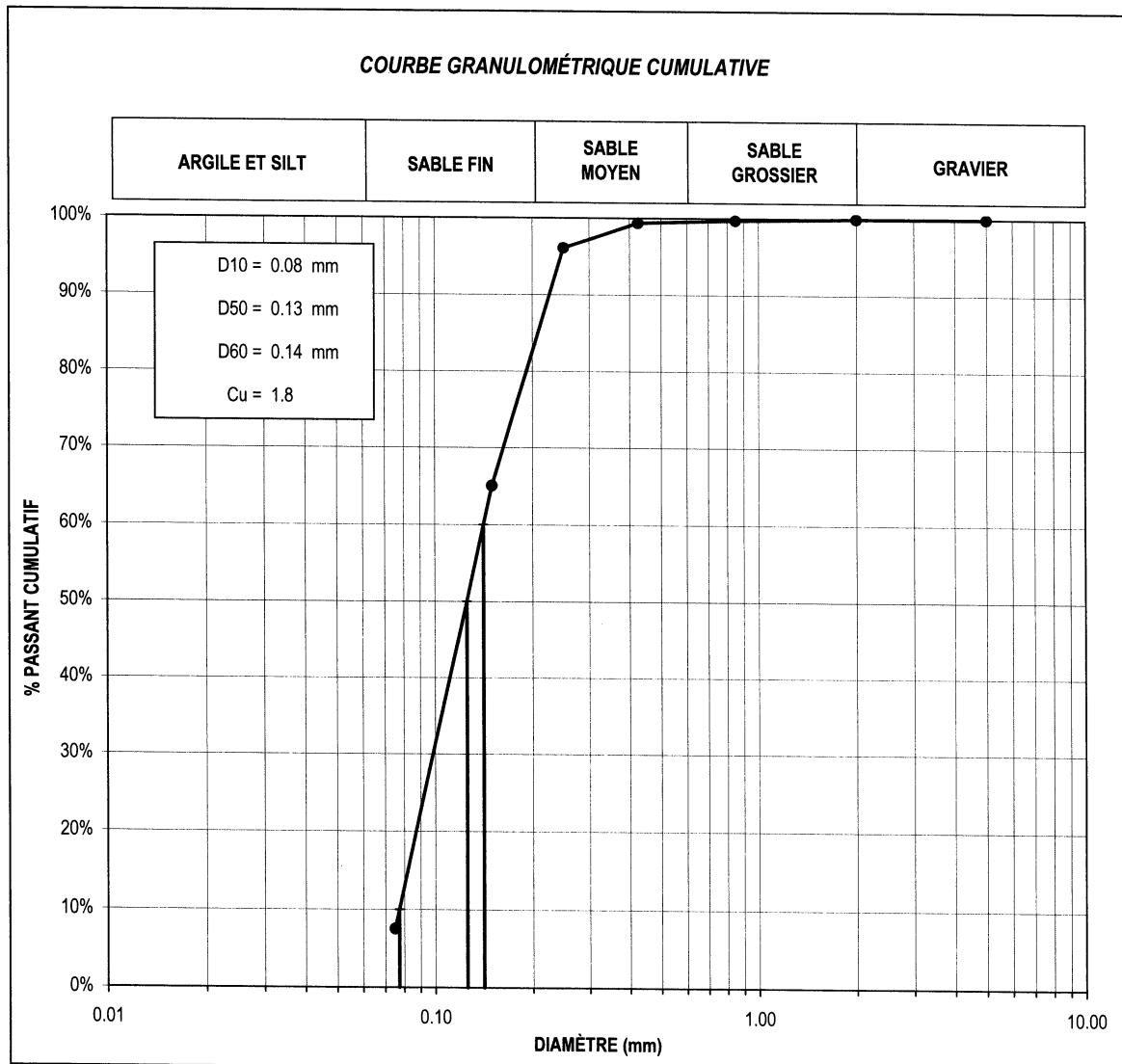


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 12 novembre 01

PROFONDEUR : 15.85-16.46 m  
SONDAGE: F-302B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	99.98%	0.1	0.02%	0.02%
0.850	99.75%	1.5	0.24%	0.25%
0.425	99.39%	2.3	0.36%	0.61%
0.250	96.13%	20.7	3.25%	3.87%
0.150	65.04%	197.8	31.09%	34.96%
0.075	7.56%	365.7	57.48%	92.44%
<0,075	0.00%	48.1	7.56%	100.00%
TOTAL		636.20 g		

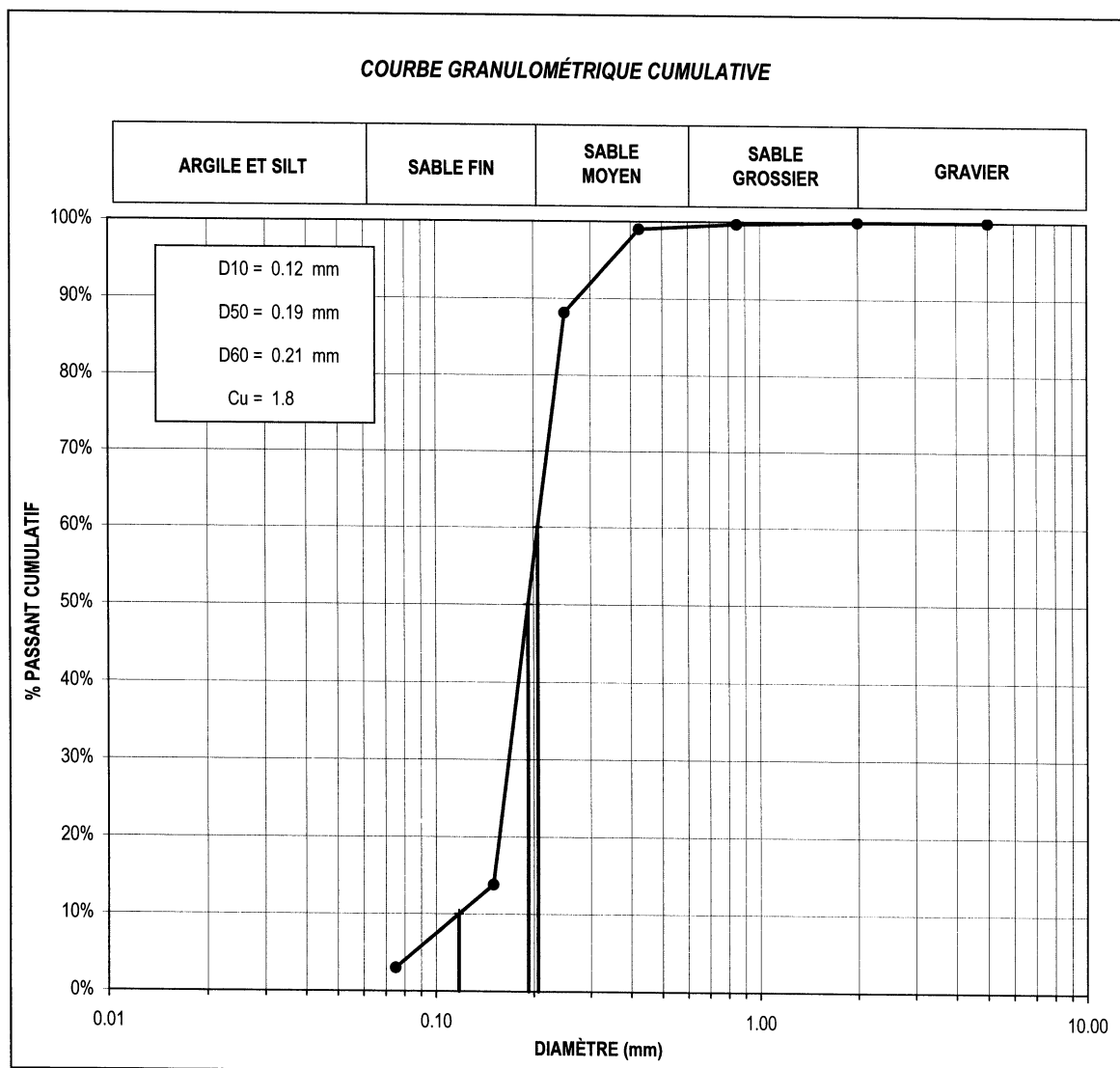


## ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 13 novembre 01

PROFONDEUR : 4,57-5,18 m  
SONDAGE: F-303A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.70%	2.2	0.30%	0.30%
0.425	99.03%	5.0	0.68%	0.97%
0.250	88.14%	80.5	10.89%	11.86%
0.150	13.81%	549.4	74.32%	86.19%
0.075	3.02%	79.8	10.80%	96.98%
<0,075	0.00%	22.3	3.02%	100.00%
TOTAL		739.20 g		



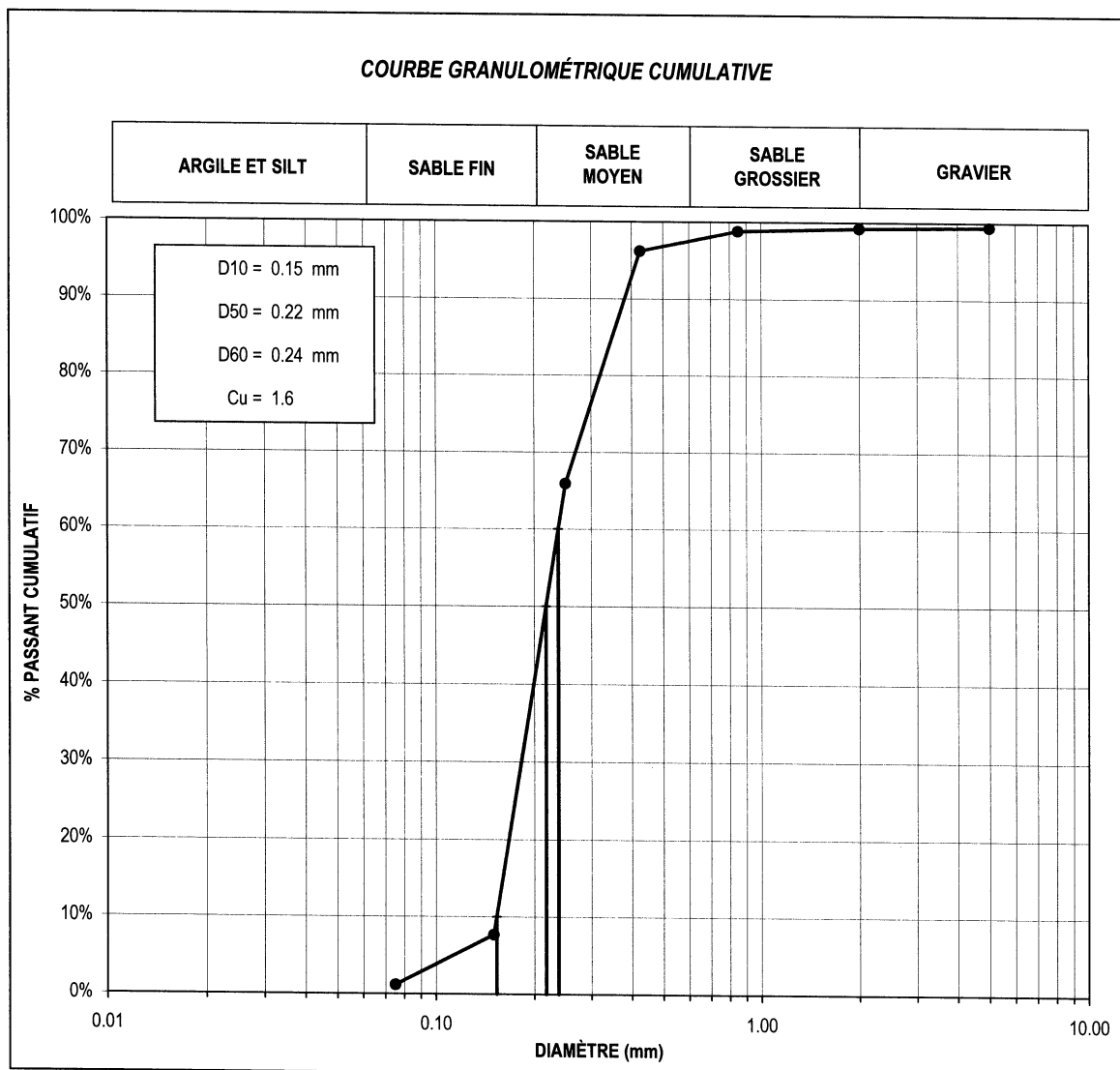


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 12 novembre 01

PROFONDEUR : 7.32-7.92 m  
SONDAGE: F-303A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	99.42%	3.9	0.58%	0.58%
2.00	99.22%	1.4	0.21%	0.78%
0.850	98.80%	2.8	0.41%	1.20%
0.425	96.20%	17.6	2.61%	3.80%
0.250	65.92%	204.5	30.27%	34.08%
0.150	7.68%	393.4	58.24%	92.32%
0.075	1.18%	43.9	6.50%	98.82%
<0,075	0.00%	8.0	1.18%	100.00%
TOTAL		675.50 g		

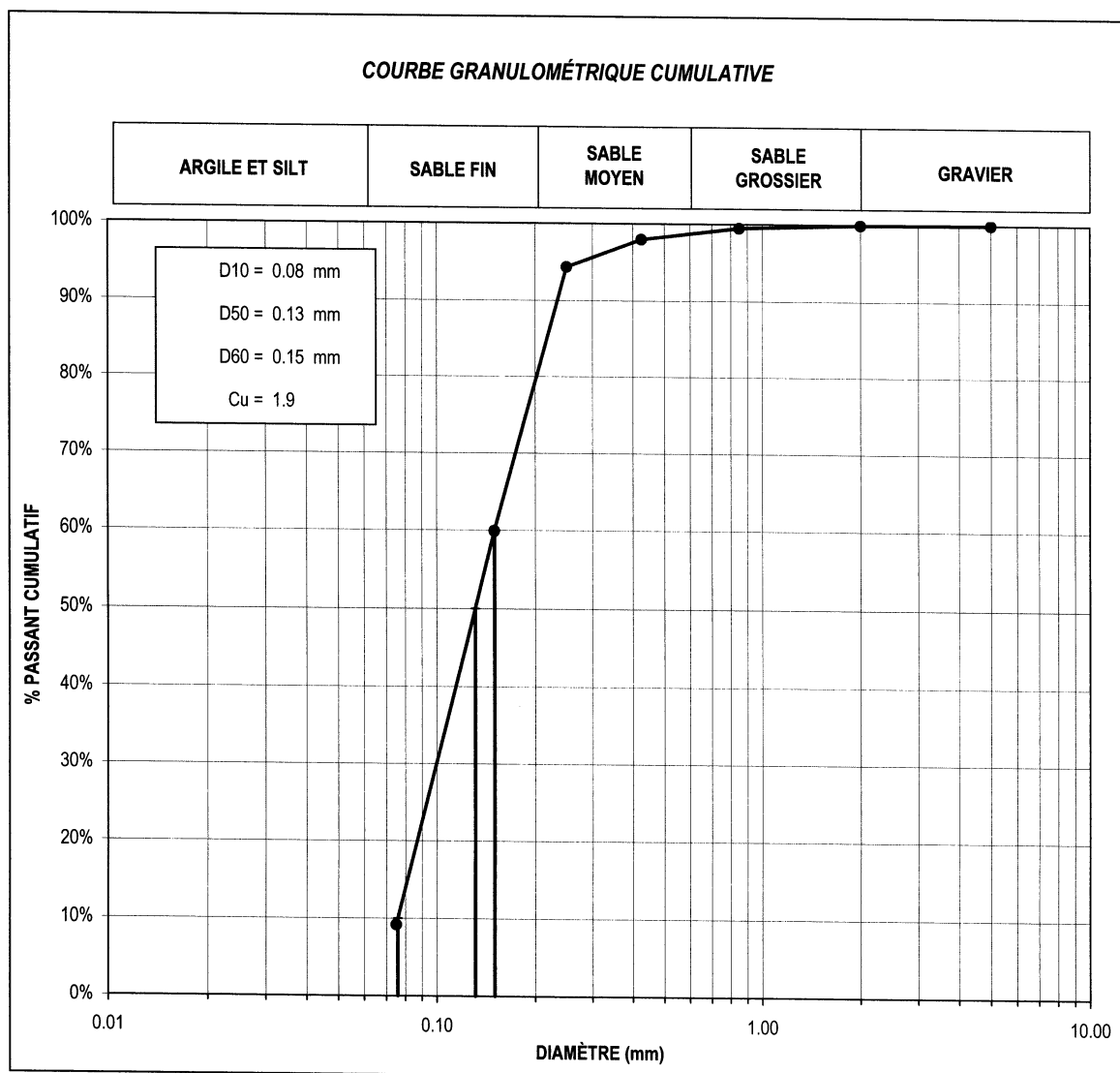


## ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 13 novembre 01

PROFONDEUR : 11,89-12,50 m  
SONDAGE: F-303B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	99.95%	0.2	0.05%	0.05%
0.850	99.49%	1.7	0.45%	0.51%
0.425	98.01%	5.6	1.49%	1.99%
0.250	94.39%	13.6	3.62%	5.61%
0.150	59.91%	129.7	34.48%	40.09%
0.075	9.20%	190.8	50.72%	90.80%
<0,075	0.00%	34.6	9.20%	100.00%
TOTAL		376.20 g		

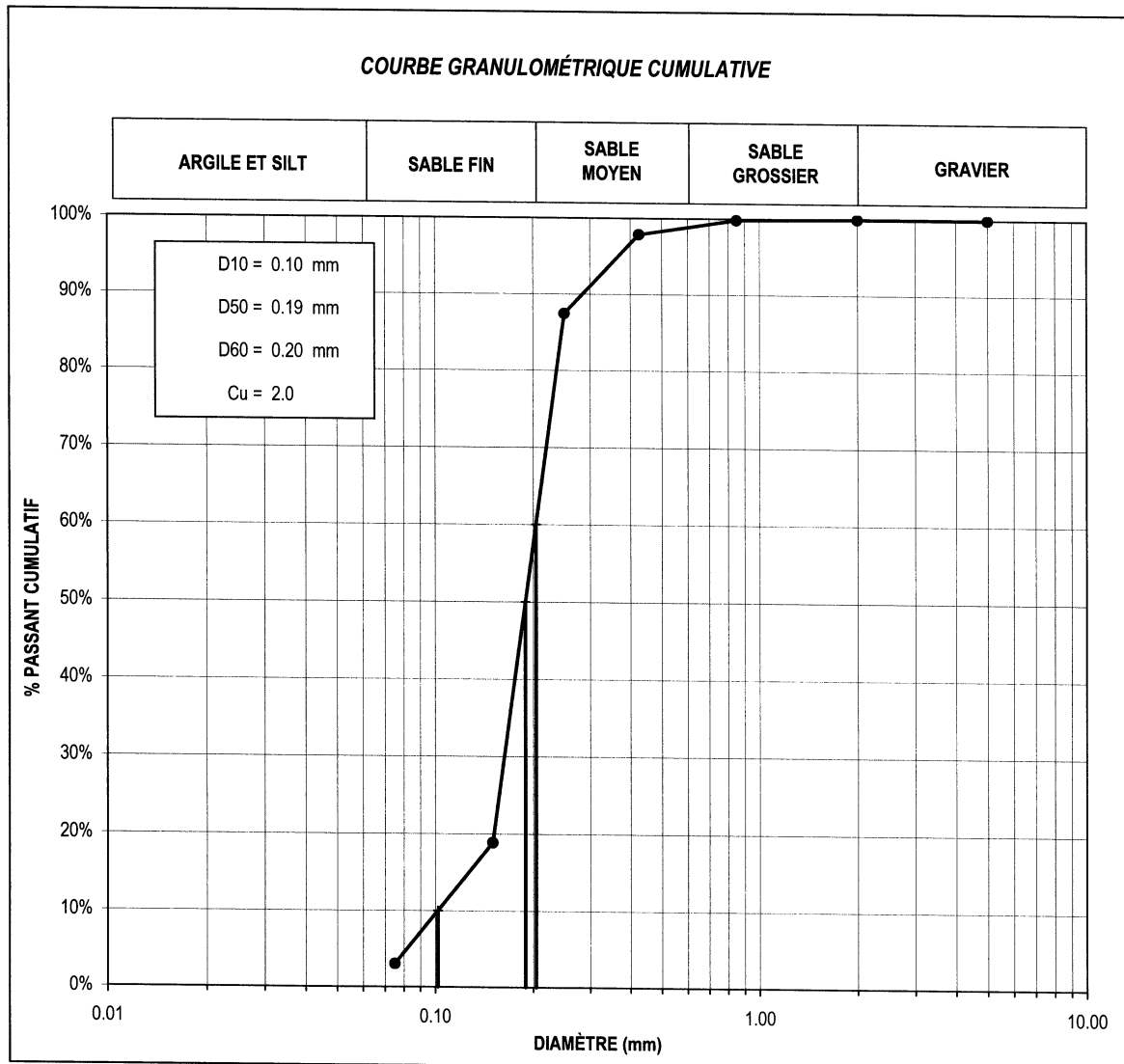


## ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 13 novembre 01

PROFONDEUR : 5,79-6,40 m  
SONDAGE: F-304A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.85%	1.1	0.15%	0.15%
0.425	97.89%	13.9	1.95%	2.11%
0.250	87.42%	74.6	10.47%	12.58%
0.150	18.89%	488.1	68.53%	81.11%
0.075	3.05%	112.8	15.84%	96.95%
<0,075	0.00%	21.7	3.05%	100.00%
TOTAL		712.20 g		

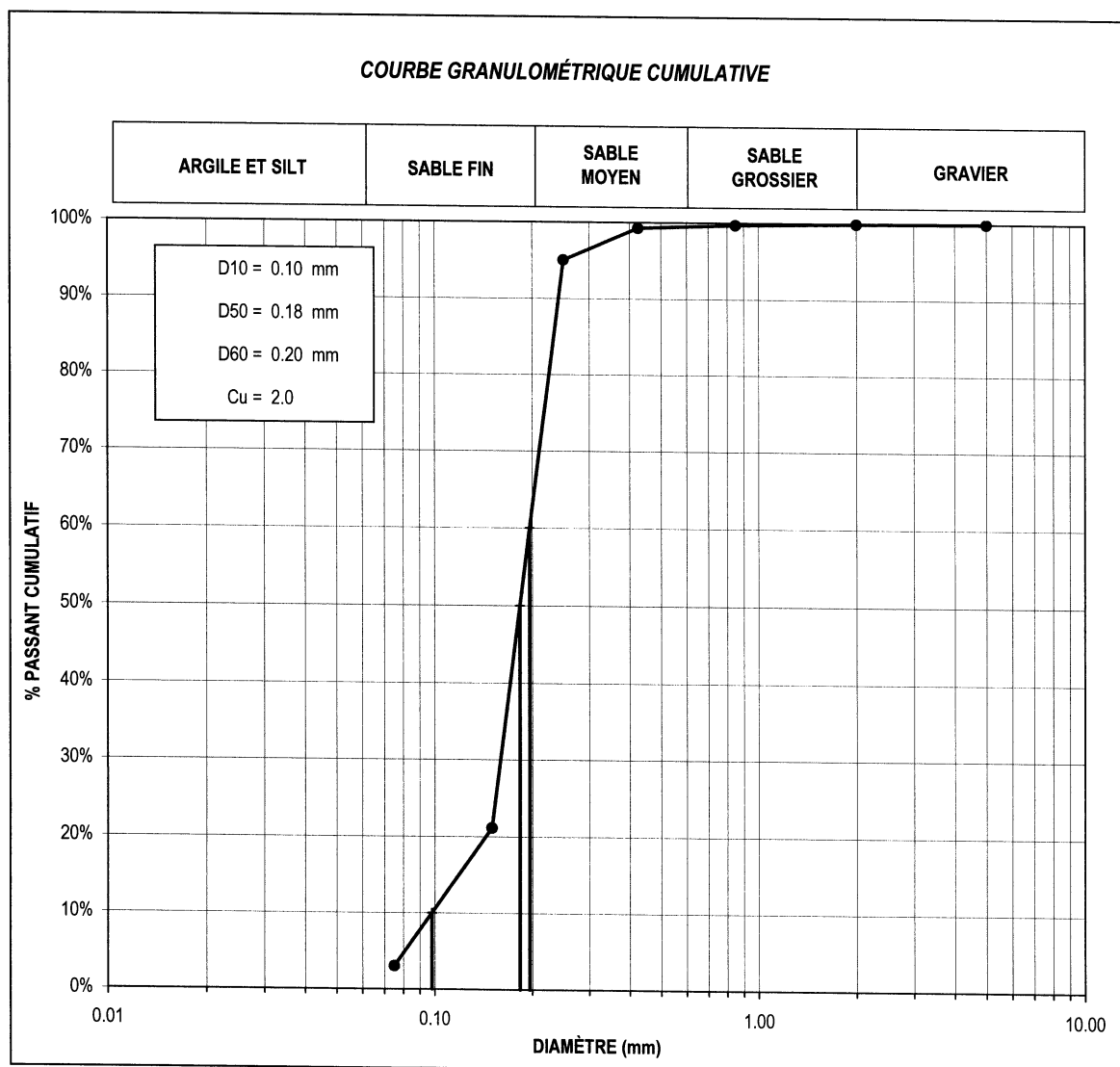


## ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 13 novembre 01

PROFONDEUR : 8,23-8,84 m  
SONDAGE : F-304B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	99.93%	0.5	0.07%	0.07%
0.850	99.72%	1.6	0.21%	0.28%
0.425	99.28%	3.4	0.45%	0.72%
0.250	95.05%	32.1	4.23%	4.95%
0.150	21.14%	561.0	73.90%	78.86%
0.075	3.04%	137.4	18.10%	96.96%
<0,075	0.00%	23.1	3.04%	100.00%
TOTAL		759.10 g		

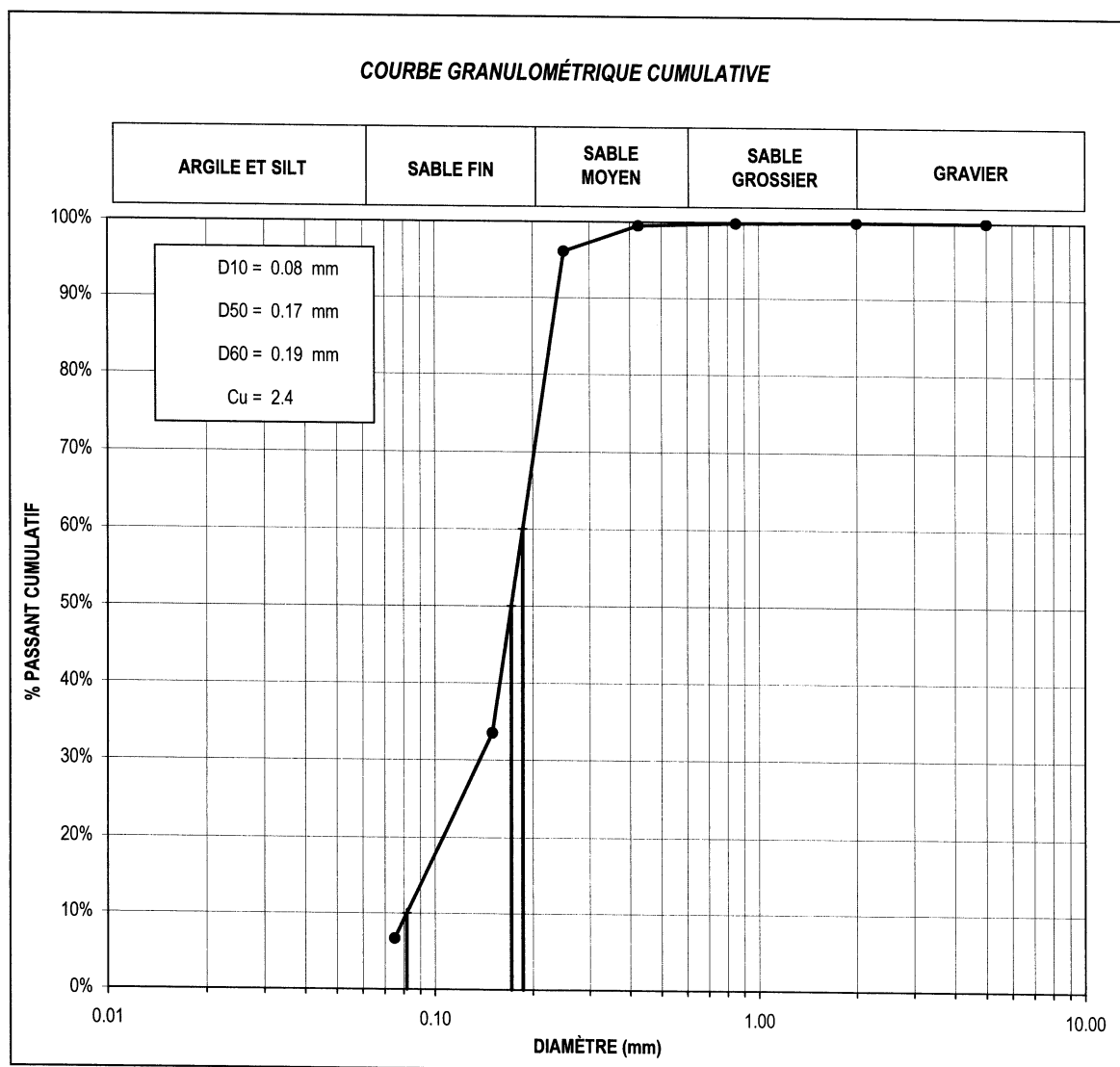


## ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 13 novembre 01

PROFONDEUR : 15,85-16,46  
SONDAGE : F-304B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.87%	1.0	0.13%	0.13%
0.425	99.51%	2.7	0.36%	0.49%
0.250	96.10%	25.9	3.42%	3.90%
0.150	33.50%	474.6	62.60%	66.50%
0.075	6.69%	203.3	26.81%	93.31%
<0,075	0.00%	50.7	6.69%	100.00%
TOTAL		758.20 g		

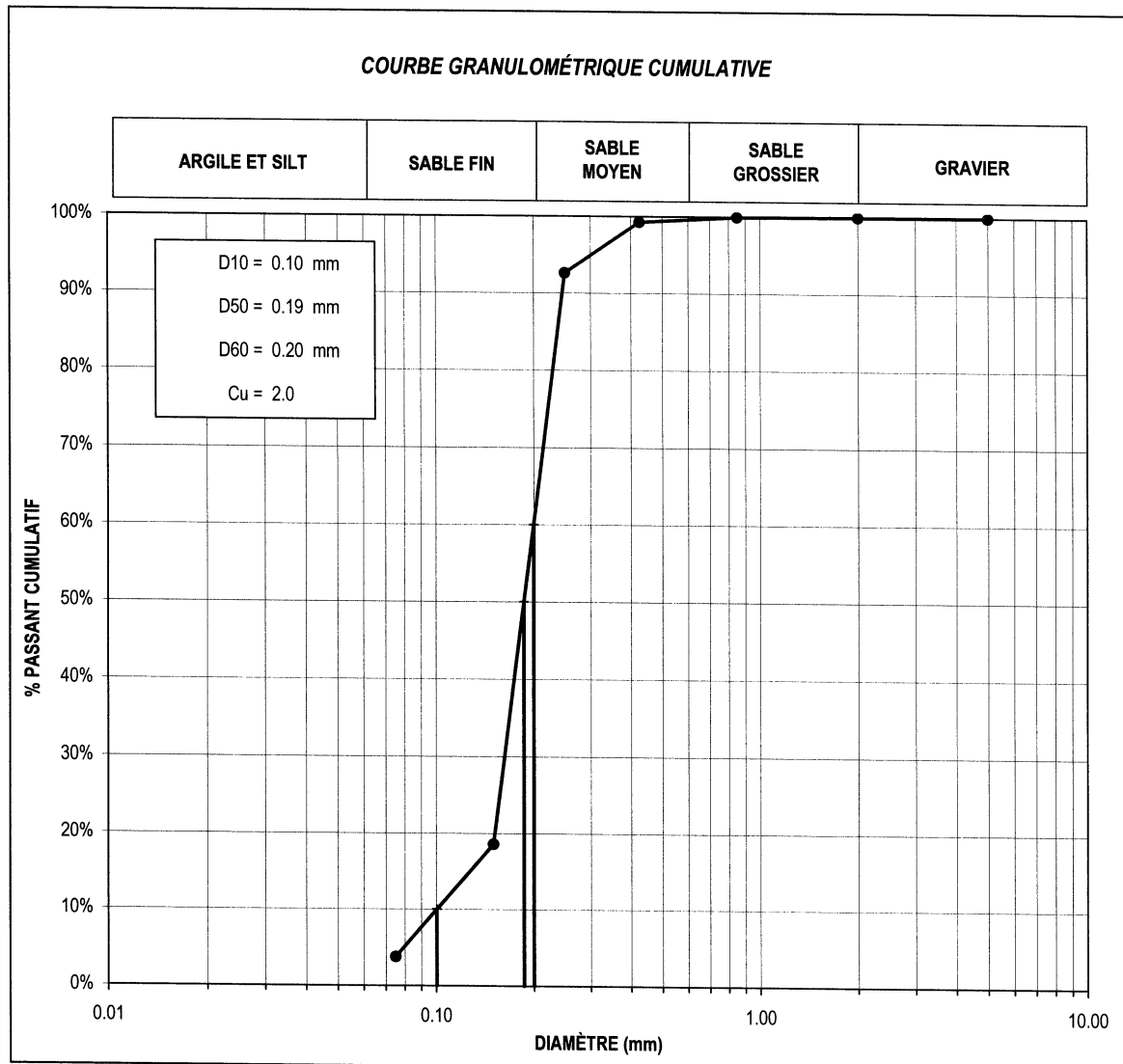


## ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 13 novembre 01

PROFONDEUR : 3,96-4,57 m  
SONDAGE : F-305B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.96%	0.3	0.04%	0.04%
0.425	99.27%	5.1	0.69%	0.73%
0.250	92.58%	49.2	6.68%	7.42%
0.150	18.60%	544.5	73.98%	81.40%
0.075	3.78%	109.1	14.82%	96.22%
<0,075	0.00%	27.8	3.78%	100.00%
TOTAL		736.00 g		

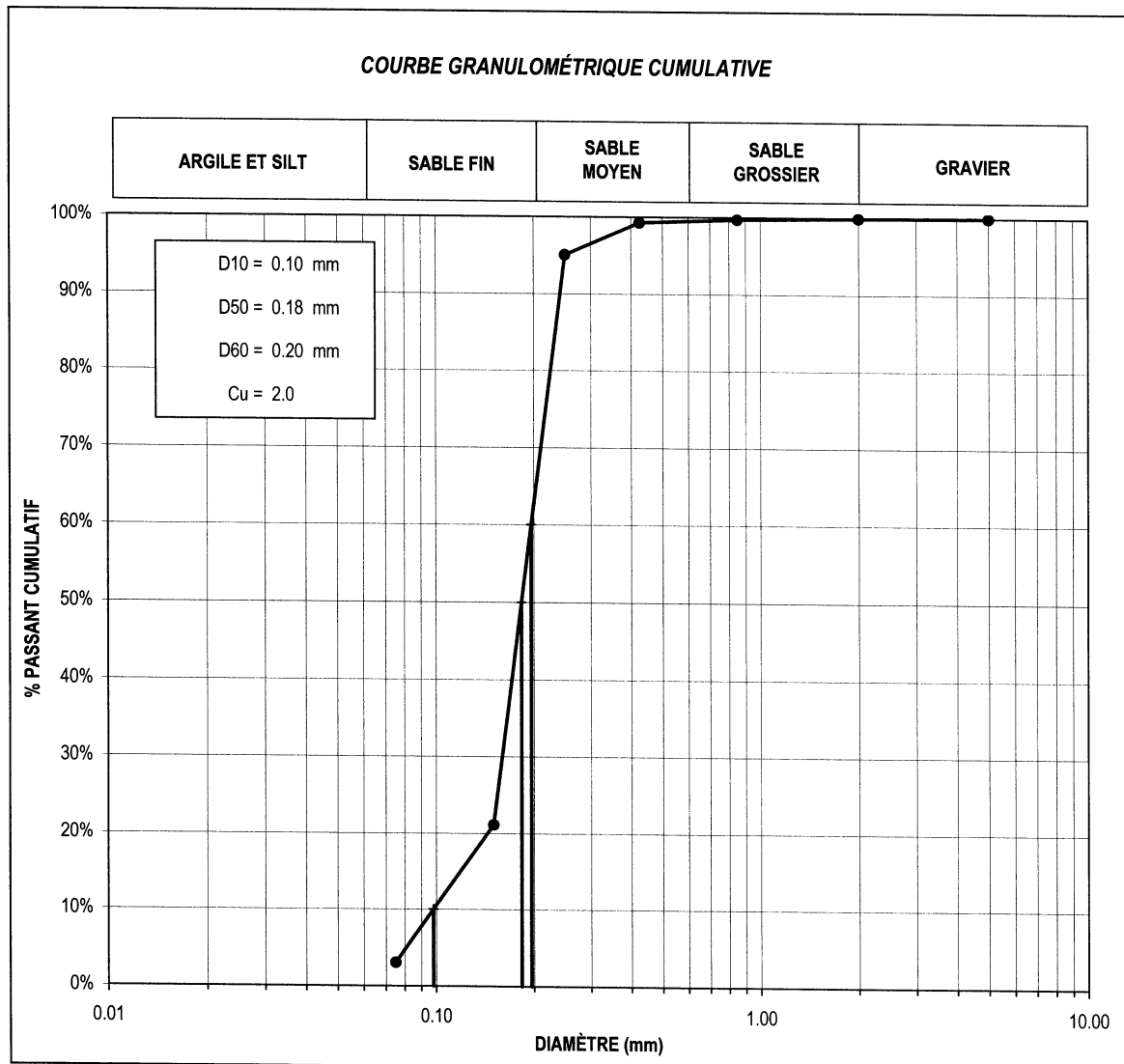


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 13 novembre 01

PROFONDEUR : 8,23-8,84 m  
SONDAGE: F-305B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	99.93%	0.5	0.07%	0.07%
0.850	99.72%	1.6	0.21%	0.28%
0.425	99.28%	3.4	0.45%	0.72%
0.250	95.05%	32.1	4.23%	4.95%
0.150	21.14%	561.0	73.90%	78.86%
0.075	3.04%	137.4	18.10%	96.96%
<0,075	0.00%	23.1	3.04%	100.00%
TOTAL		759.10 g		

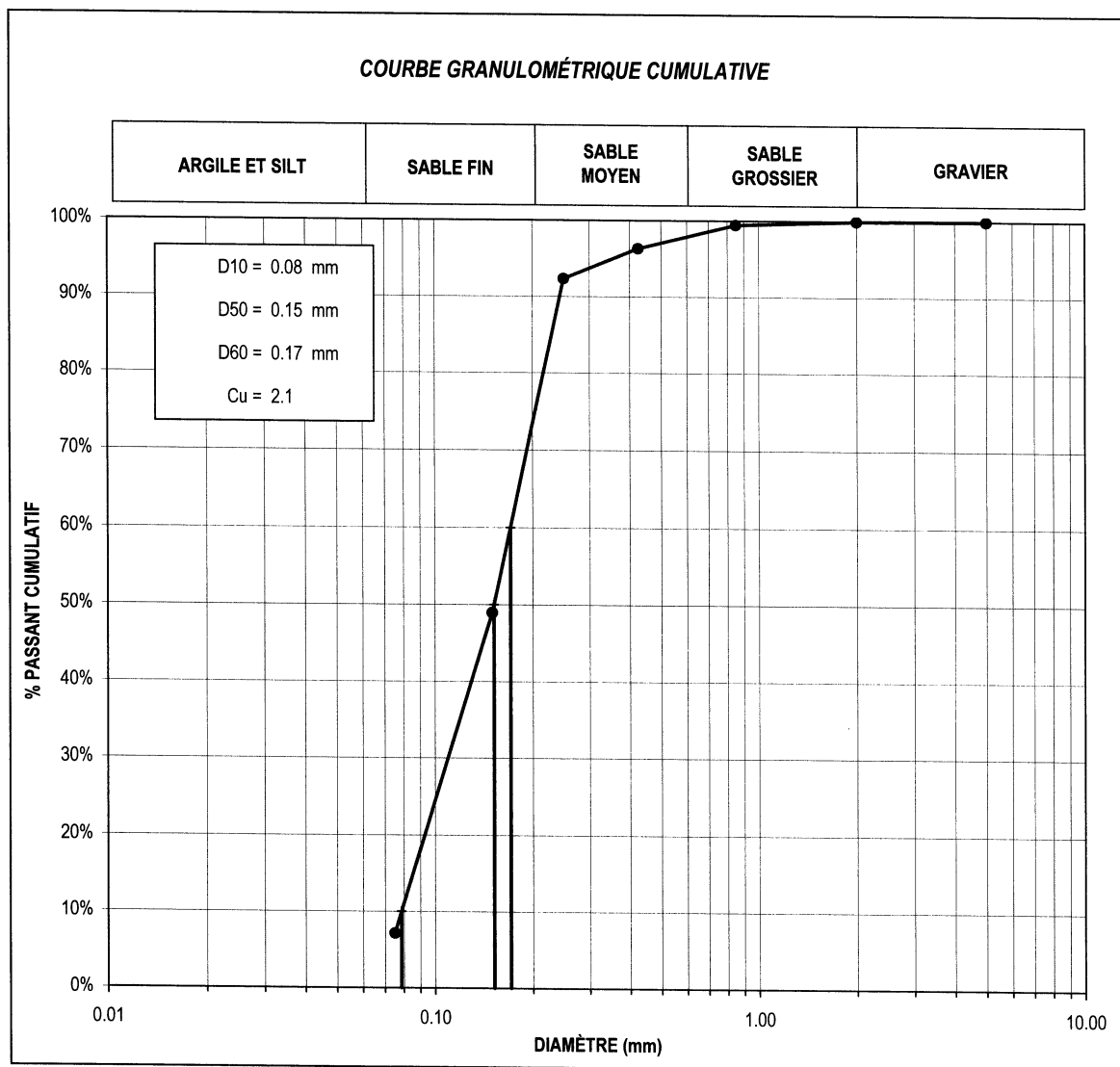


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
 DATE : 13 novembre 01

PROFONDEUR : 15,85-16,46 m  
 SONDAGE: F-305B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	99.95%	0.4	0.05%	0.05%
0.850	99.46%	4.0	0.49%	0.54%
0.425	96.33%	25.3	3.13%	3.67%
0.250	92.33%	32.4	4.00%	7.67%
0.150	48.97%	350.9	43.36%	51.03%
0.075	7.17%	338.3	41.80%	92.83%
<0,075	0.00%	58.0	7.17%	100.00%
TOTAL		809.30 g		



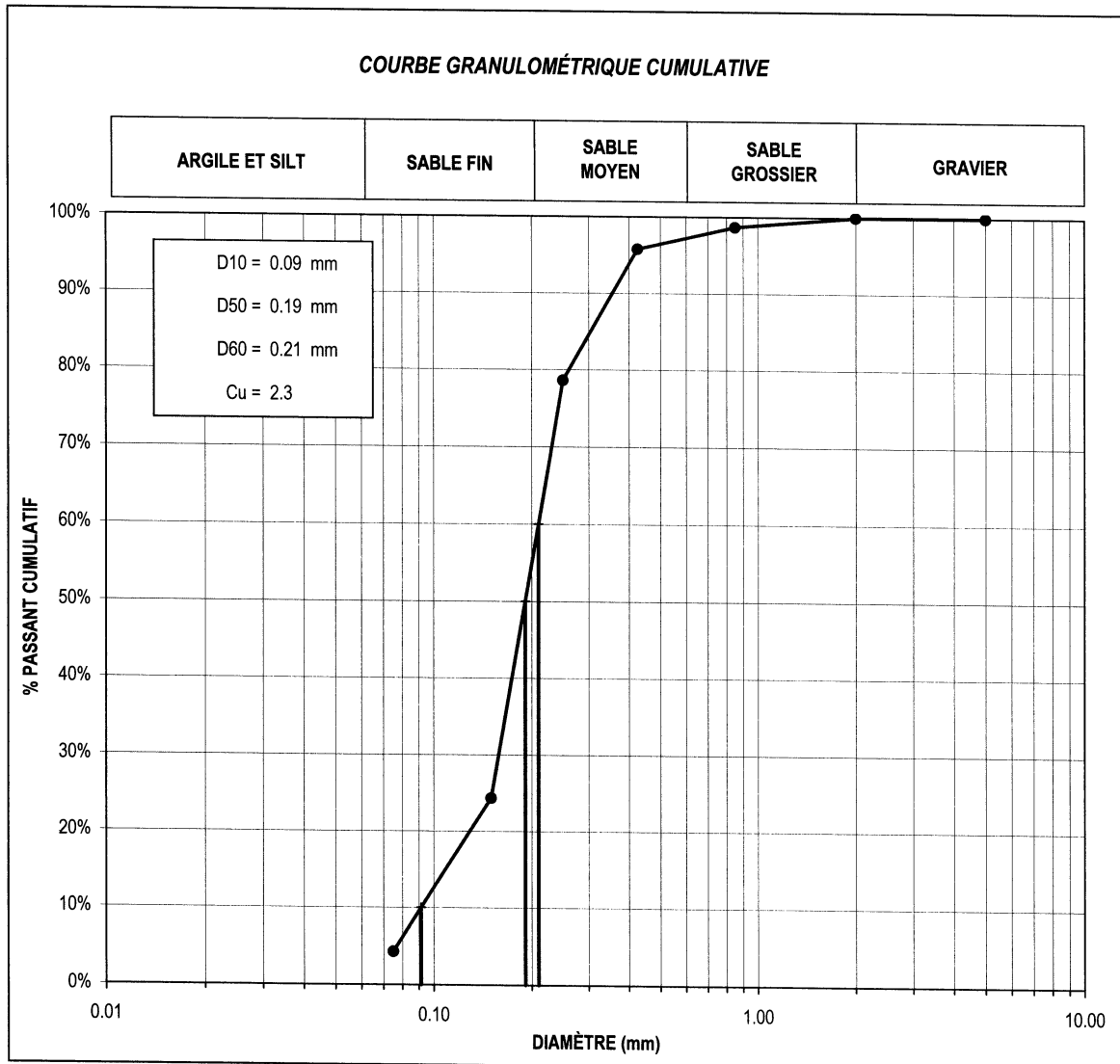


## ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 13 novembre 01

PROFONDEUR : 5,18-5,79  
SONDAGE: F-306A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	98.70%	3.4	1.30%	1.30%
0.425	95.78%	7.6	2.92%	4.22%
0.250	78.60%	44.8	17.18%	21.40%
0.150	24.36%	141.4	54.24%	75.64%
0.075	4.30%	52.3	20.06%	95.70%
<0,075	0.00%	11.2	4.30%	100.00%
TOTAL		260.70 g		

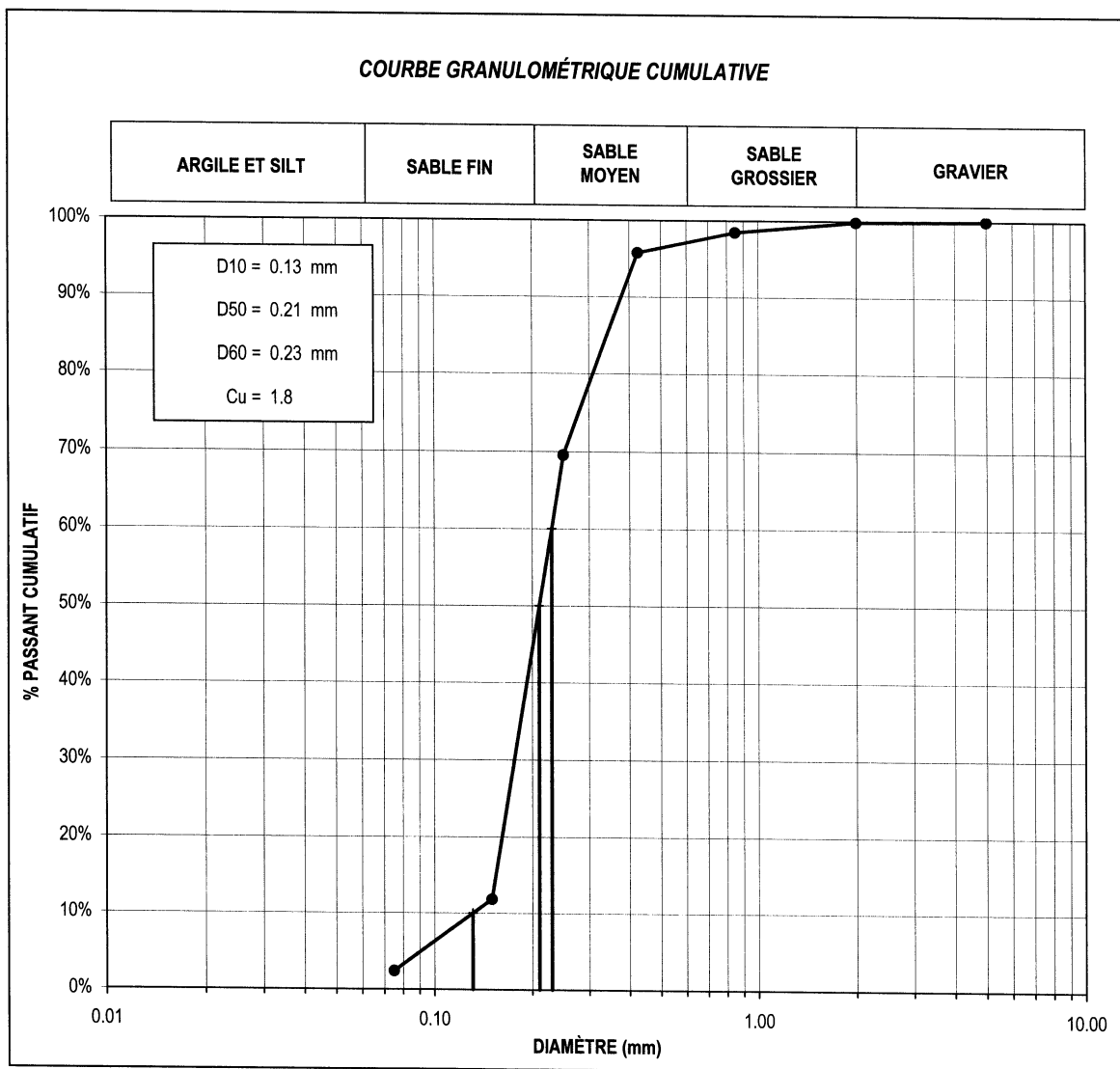


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 14 novembre 2001

PROFONDEUR : 9,14-9,75m  
SONDAGE: F-306A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	99.86%	0.9	0.14%	0.14%
0.850	98.48%	9.1	1.38%	1.52%
0.425	95.79%	17.8	2.70%	4.21%
0.250	69.54%	173.2	26.25%	30.46%
0.150	11.85%	380.7	57.69%	88.15%
0.075	2.39%	62.4	9.46%	97.61%
<0,075	0.00%	15.8	2.39%	100.00%
TOTAL		659.90 g		

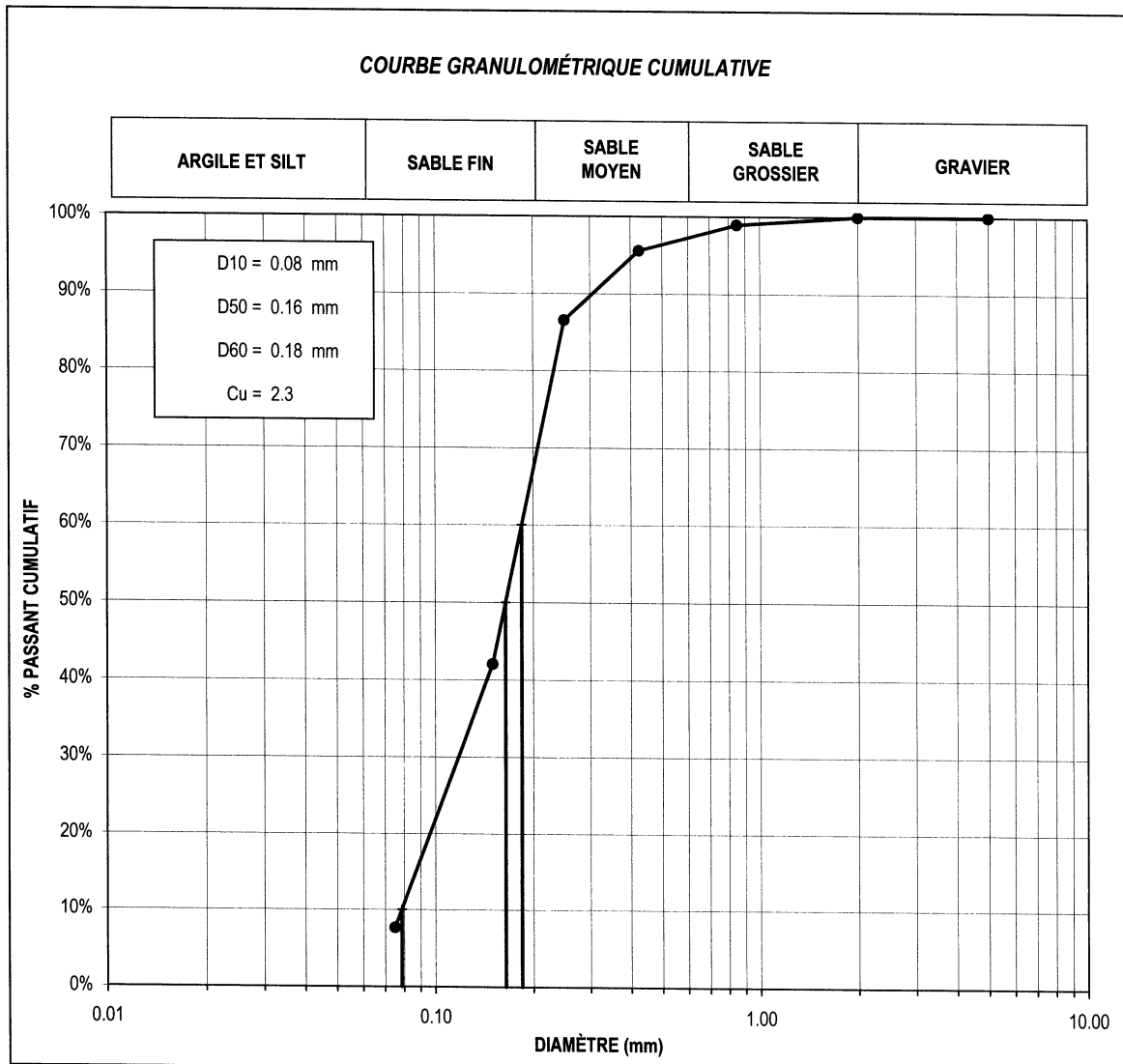


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 14 novembre 2001

PROFONDEUR : 15,70-16,31 m  
SONDAGE: F-306B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	98.96%	6.0	1.04%	1.04%
0.425	95.58%	19.6	3.38%	4.42%
0.250	86.54%	52.4	9.04%	13.46%
0.150	42.05%	257.9	44.50%	57.95%
0.075	7.64%	199.4	34.40%	92.36%
<0,075	0.00%	44.3	7.64%	100.00%
TOTAL		579.60 g		

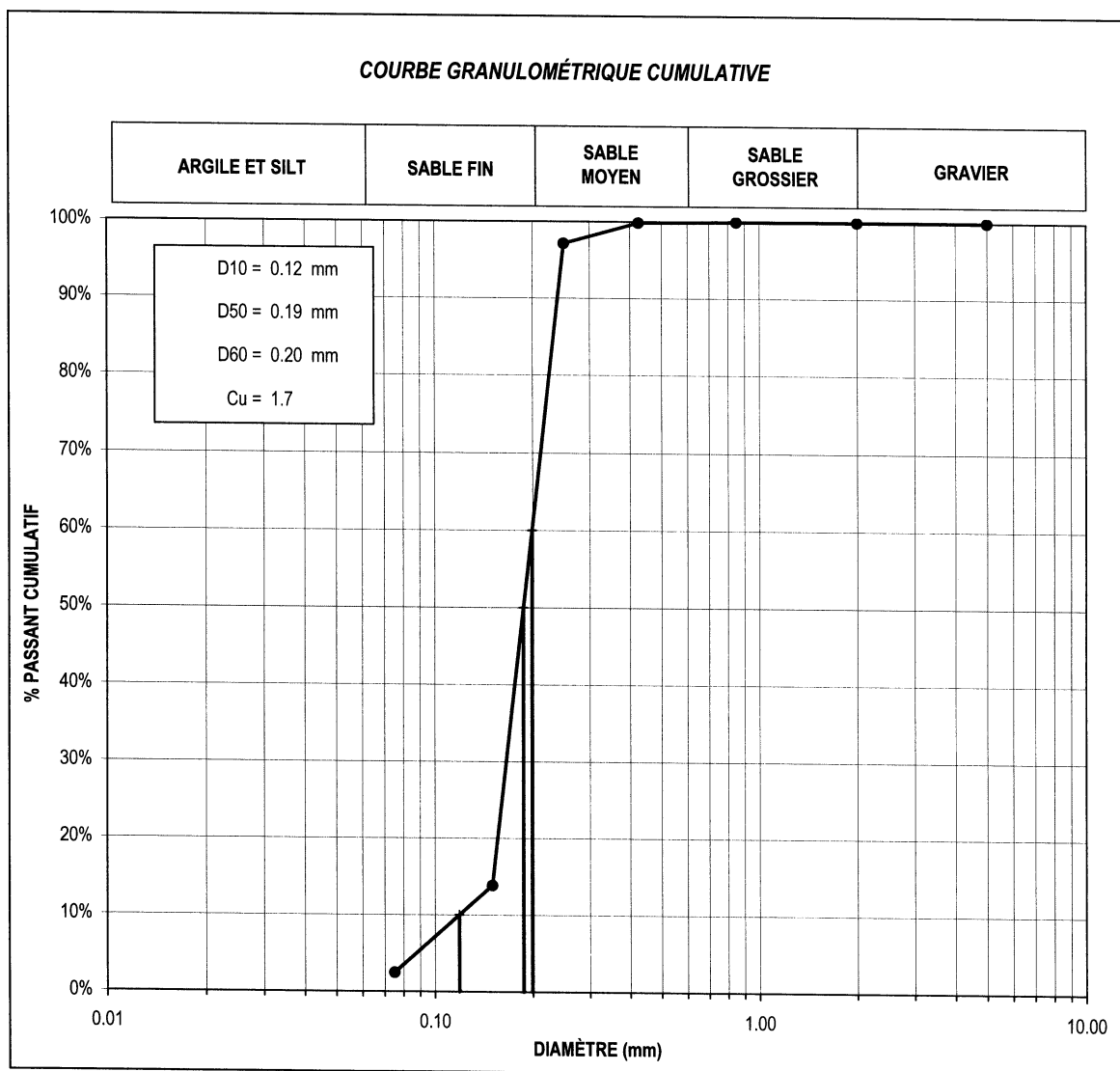


## ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 13 novembre 01

PROFONDEUR : 3,96-4,57 m  
SONDAGE: F-307A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.99%	0.1	0.01%	0.01%
0.425	99.86%	0.9	0.13%	0.14%
0.250	97.14%	19.5	2.72%	2.86%
0.150	13.84%	596.5	83.30%	86.16%
0.075	2.47%	81.4	11.37%	97.53%
<0,075	0.00%	17.7	2.47%	100.00%
TOTAL		716.10 g		

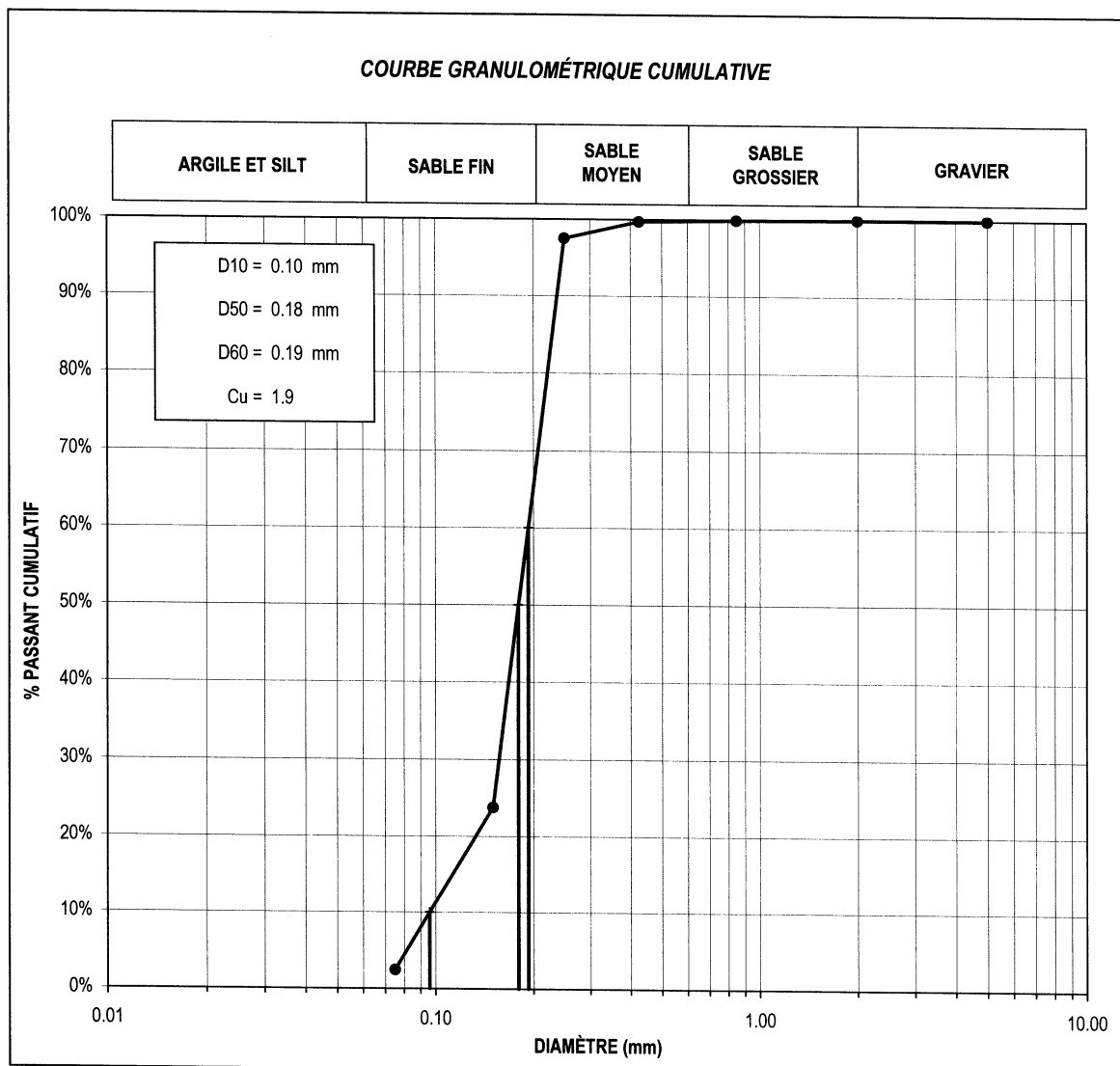


## ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 13 novembre 01

PROFONDEUR : 7,01-7,62 m  
SONDAGE: F-307A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.93%	0.4	0.07%	0.07%
0.425	99.72%	1.1	0.20%	0.28%
0.250	97.50%	12.0	2.22%	2.50%
0.150	23.79%	398.1	73.71%	76.21%
0.075	2.46%	115.2	21.33%	97.54%
<0,075	0.00%	13.3	2.46%	100.00%
TOTAL		540.10 g		

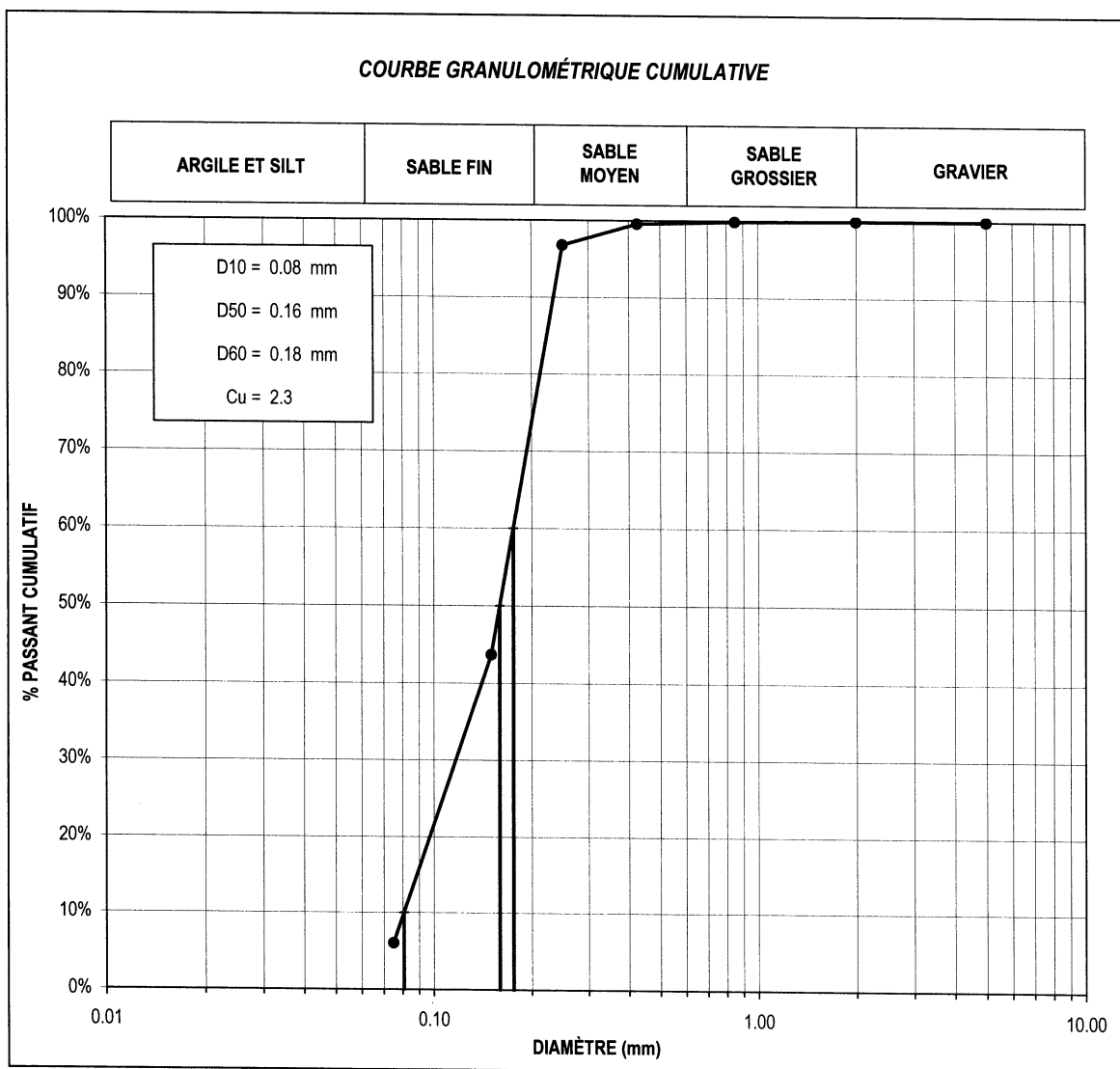


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 13 novembre 01

PROFONDEUR : 16,00-16,61 m  
SONDAGE: F-307B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.88%	0.7	0.12%	0.12%
0.425	99.55%	2.0	0.33%	0.45%
0.250	96.76%	16.8	2.79%	3.24%
0.150	43.69%	319.1	53.07%	56.31%
0.075	6.02%	226.5	37.67%	93.98%
<0,075	0.00%	36.2	6.02%	100.00%
TOTAL		601.30 g		

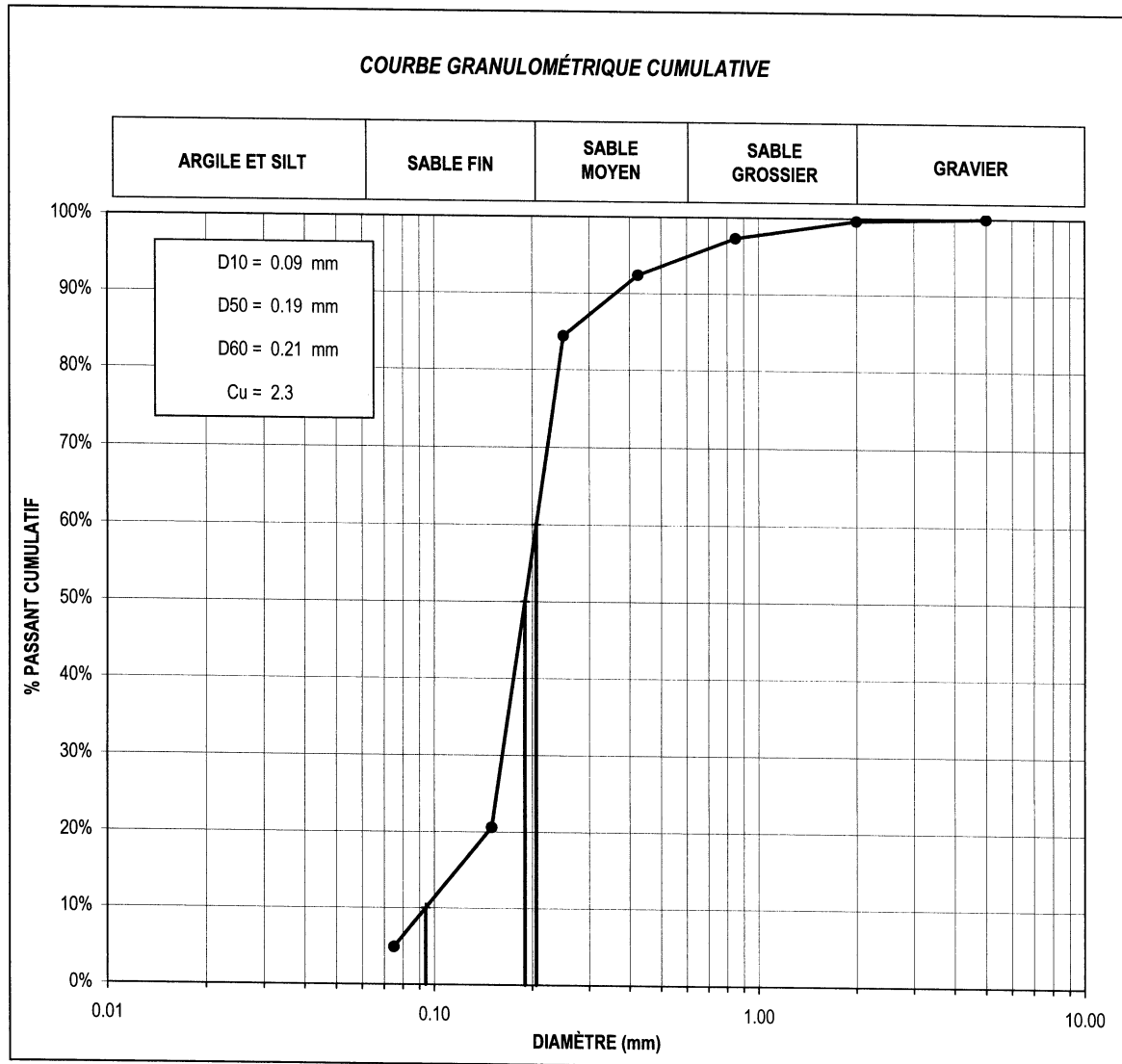


## ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 13 novembre 01

PROFONDEUR : 5,49-6,10 m  
SONDAGE: F-308A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	99.65%	1.8	0.35%	0.35%
0.850	97.29%	12.0	2.36%	2.71%
0.425	92.40%	24.9	4.89%	7.60%
0.250	84.36%	40.9	8.04%	15.64%
0.150	20.59%	324.5	63.76%	79.41%
0.075	4.89%	79.9	15.70%	95.11%
<0,075	0.00%	24.9	4.89%	100.00%
TOTAL		508.90 g		

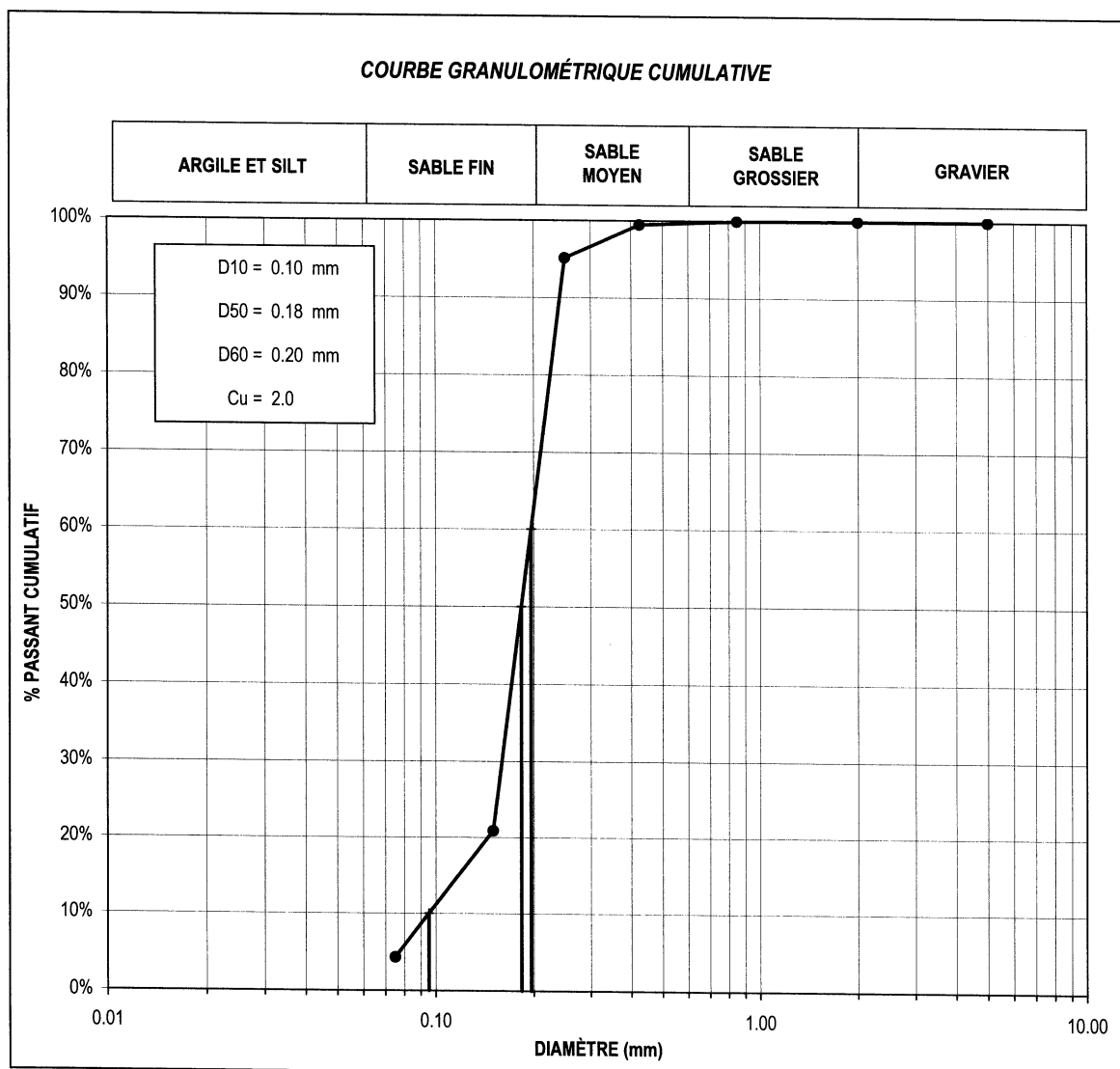


## ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 14 novembre 2001

PROFONDEUR : 7,62-8,23 m  
SONDAGE : F-308A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.97%	0.2	0.03%	0.03%
0.425	99.47%	3.2	0.50%	0.53%
0.250	95.15%	27.9	4.33%	4.85%
0.150	20.87%	479.1	74.28%	79.13%
0.075	4.29%	106.9	16.57%	95.71%
<0,075	0.00%	27.7	4.29%	100.00%
TOTAL		645.00 g		



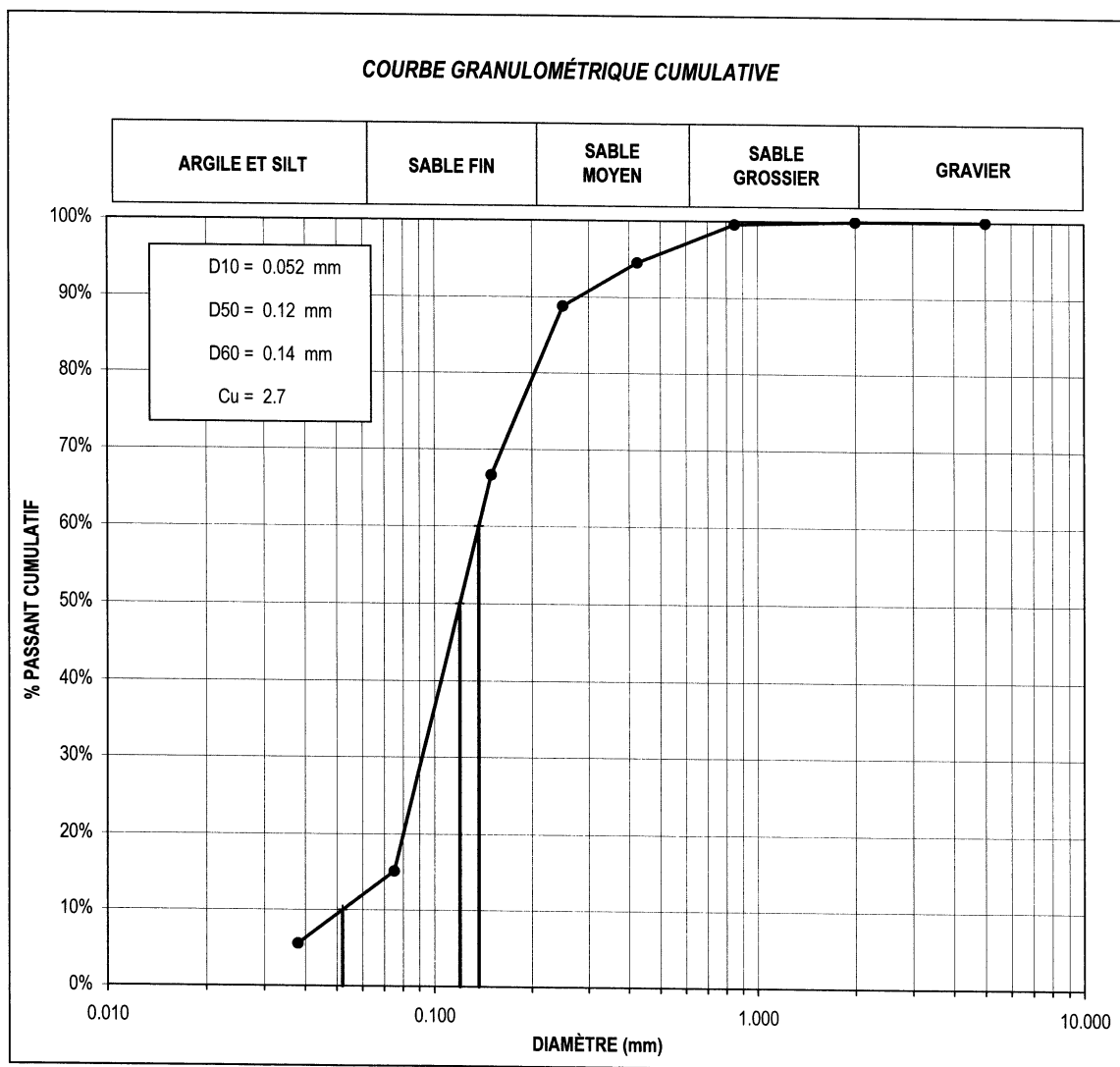


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 14-11-01

PROFONDEUR : 12,19-12,80 m  
SONDAGE: F-308B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.000	1.000	0.0	0.000	0.000
2.000	1.000	0.0	0.000	0.000
0.850	0.996	2.6	0.004	0.004
0.425	0.945	32.1	0.051	0.055
0.250	0.888	36.2	0.057	0.112
0.150	0.667	139.9	0.221	0.333
0.075	0.152	325.6	0.515	0.848
0.038	0.056	60.7	0.096	0.944
<0,038	0.000	35.1	0.056	1.000
TOTAL		632.20 g		

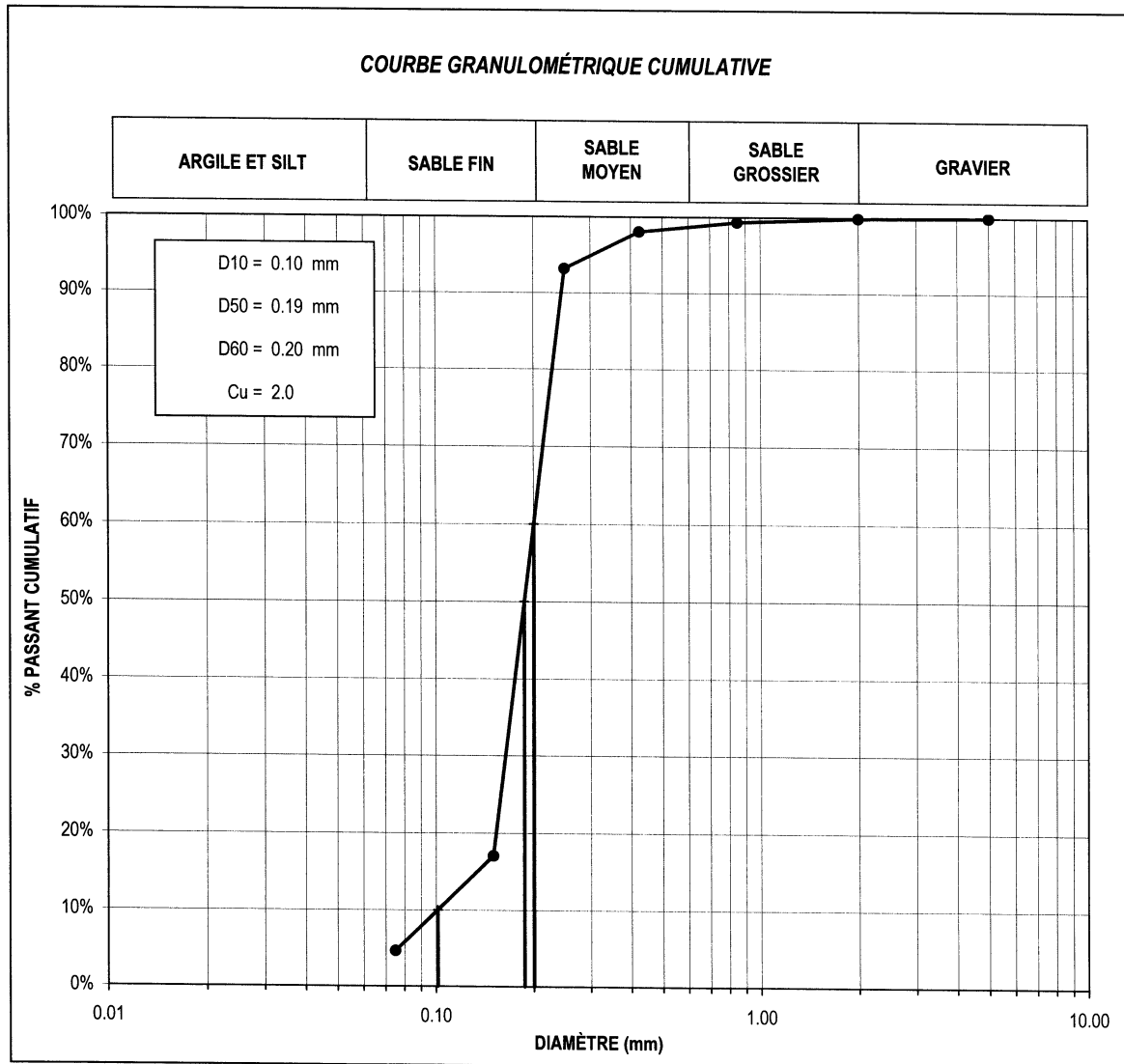


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 14 novembre 2001

PROFONDEUR : 4,57-5,18m  
SONDAGE: F-309A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	99.91%	0.5	0.09%	0.09%
0.850	99.34%	3.1	0.57%	0.66%
0.425	98.07%	7.0	1.28%	1.93%
0.250	93.16%	26.9	4.91%	6.84%
0.150	17.05%	417.3	76.11%	82.95%
0.075	4.65%	68.0	12.40%	95.35%
<0,075	0.00%	25.5	4.65%	100.00%
TOTAL		548.30 g		

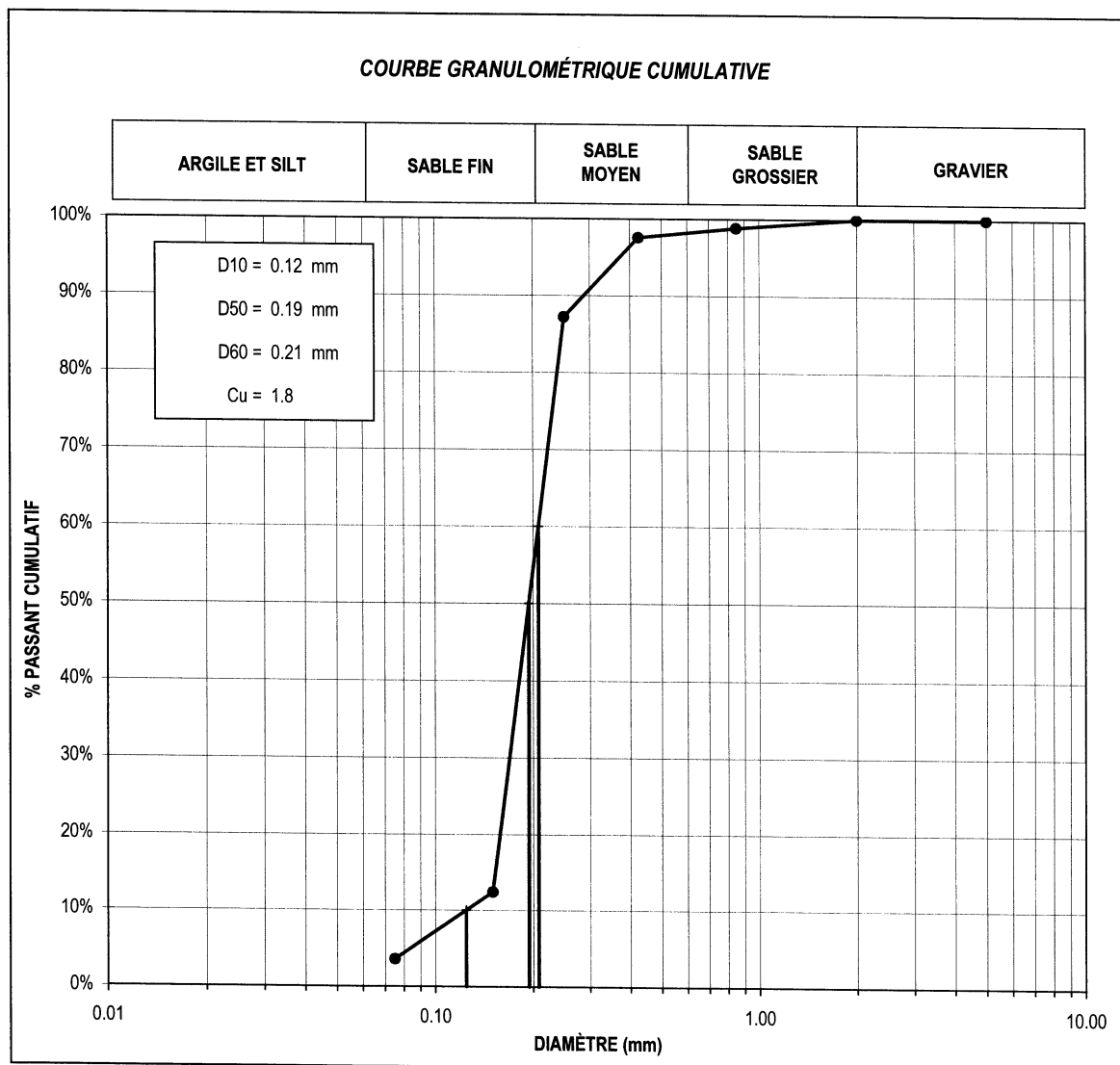


## ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 14 novembre 2001

PROFONDEUR : 8,53-9,14m  
SONDAGE : F-309A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	98.84%	7.4	1.16%	1.16%
0.425	97.58%	8.1	1.27%	2.42%
0.250	87.21%	66.4	10.37%	12.79%
0.150	12.42%	478.8	74.79%	87.58%
0.075	3.56%	56.7	8.86%	96.44%
<0,075	0.00%	22.8	3.56%	100.00%
TOTAL		640.20 g		

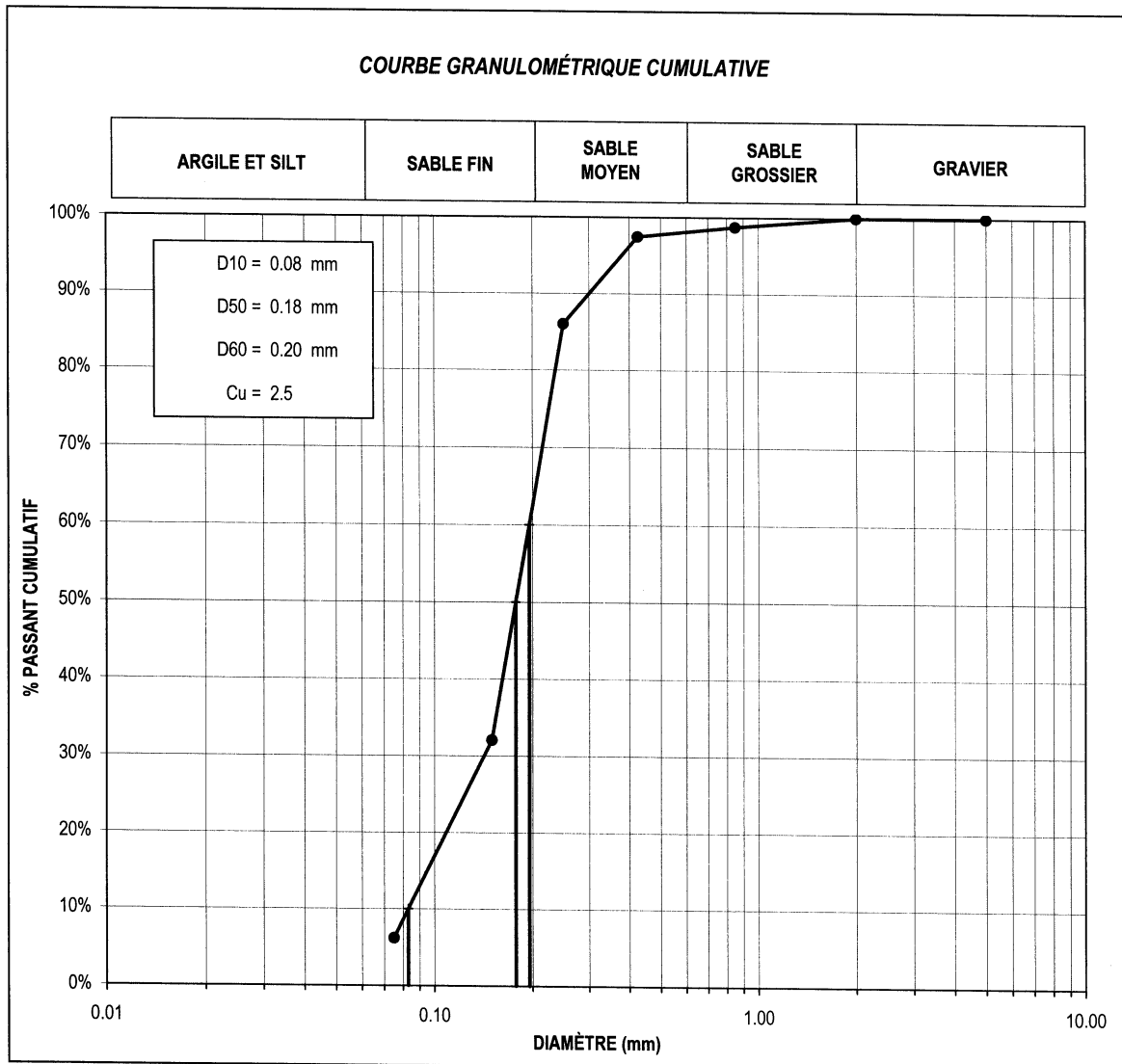


## ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 14 novembre 2001

PROFONDEUR : 12,19-12,80m  
SONDAGE: F-309B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	98.77%	5.2	1.23%	1.23%
0.425	97.46%	5.5	1.30%	2.54%
0.250	86.00%	48.4	11.47%	14.00%
0.150	32.06%	227.6	53.93%	67.94%
0.075	6.21%	109.1	25.85%	93.79%
<0,075	0.00%	26.2	6.21%	100.00%
TOTAL		422.00 g		

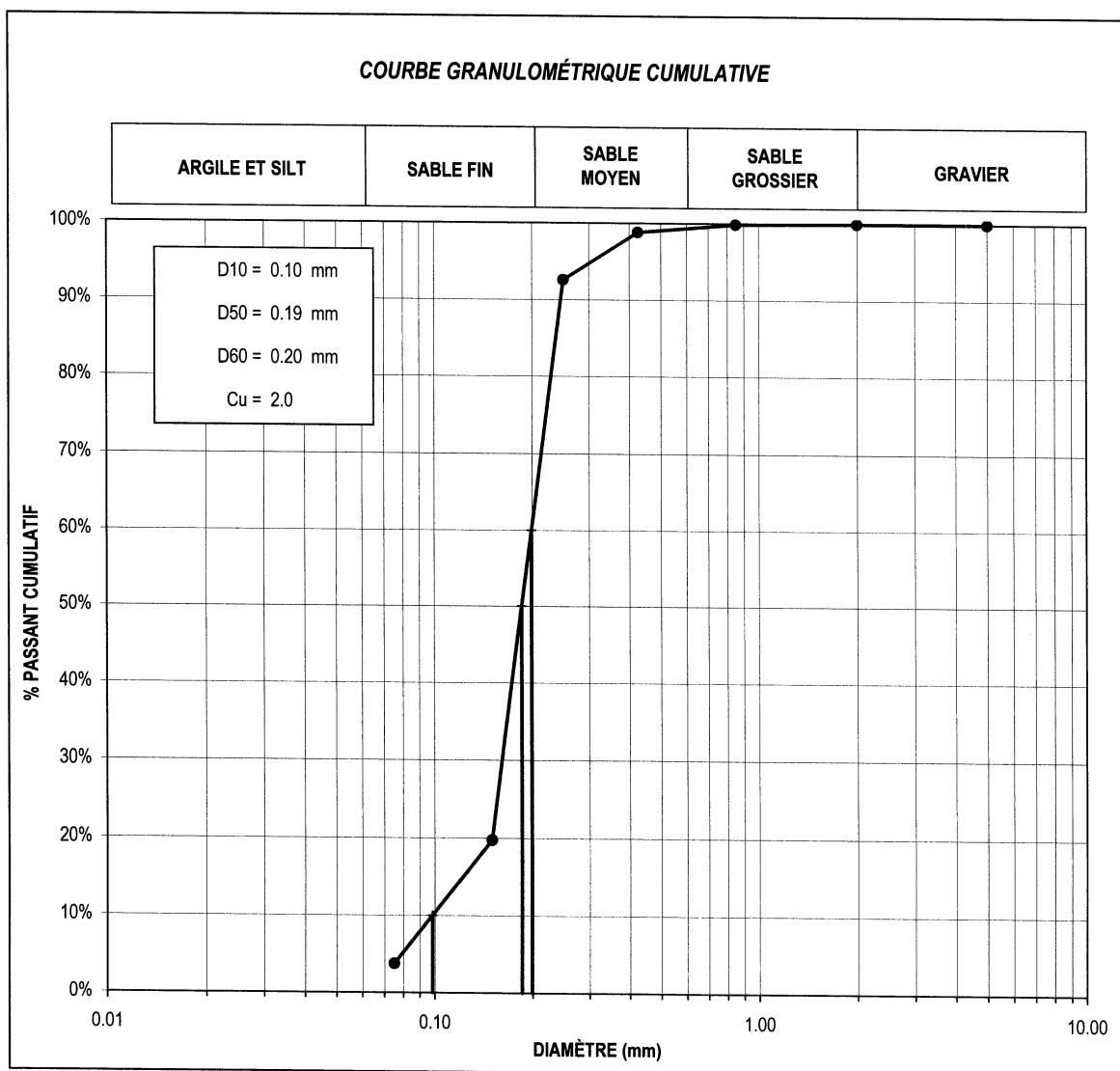


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 18-12-01

PROFONDEUR : 4.57-5.18 m  
SONDAGE: F-310A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.87%	0.6	0.13%	0.13%
0.425	98.82%	4.9	1.05%	1.18%
0.250	92.59%	29.0	6.23%	7.41%
0.150	19.75%	339.3	72.84%	80.25%
0.075	3.78%	74.4	15.97%	96.22%
<0,075	0.00%	17.6	3.78%	100.00%
TOTAL		465.80 g		

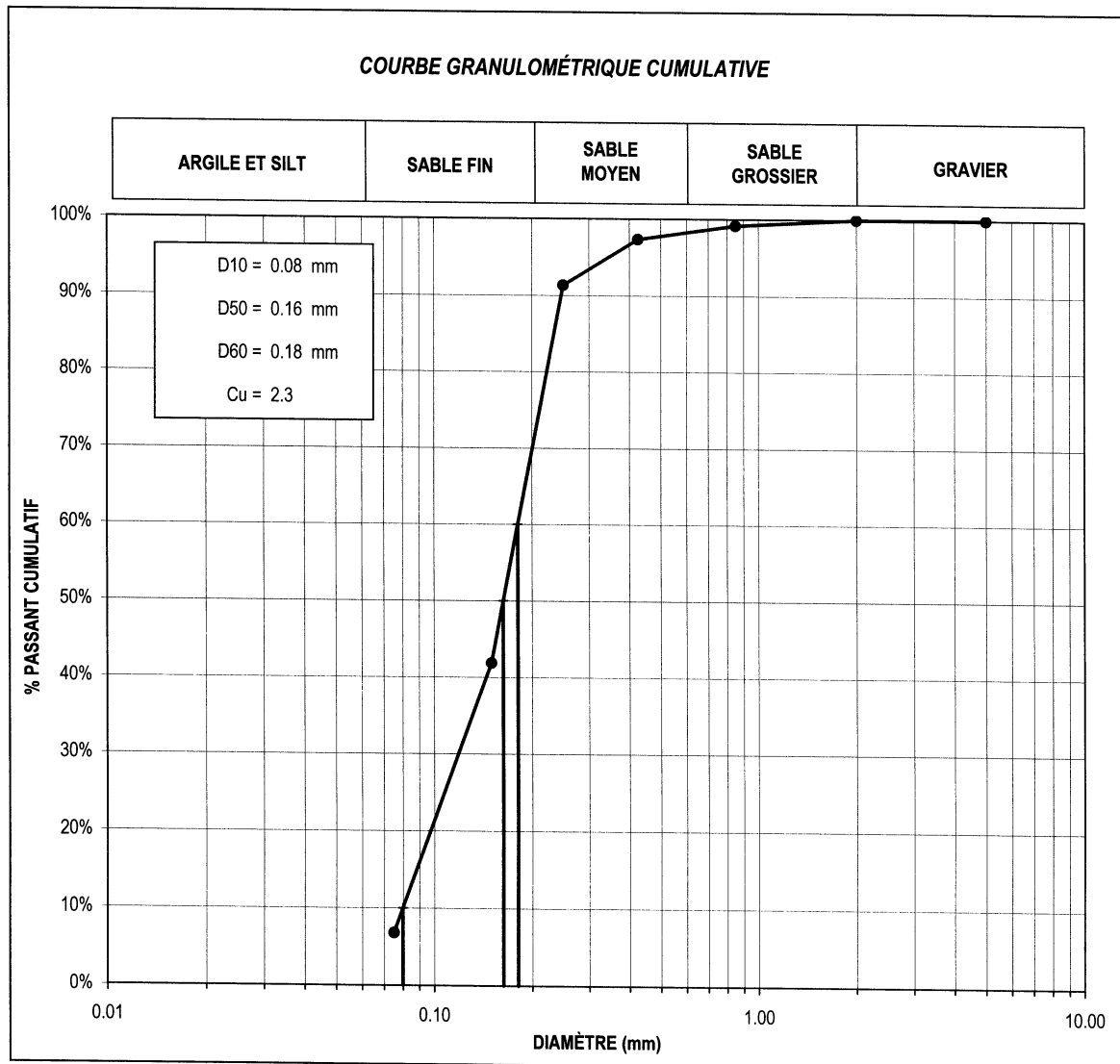


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 18-12-01

PROFONDEUR : 9.14-9.75 m  
SONDAGE: F-310A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.18%	3.8	0.82%	0.82%
0.425	97.37%	8.4	1.81%	2.63%
0.250	91.34%	28.0	6.03%	8.66%
0.150	41.88%	229.6	49.46%	58.12%
0.075	6.83%	162.7	35.05%	93.17%
<0,075	0.00%	31.7	6.83%	100.00%
TOTAL		464.20 g		

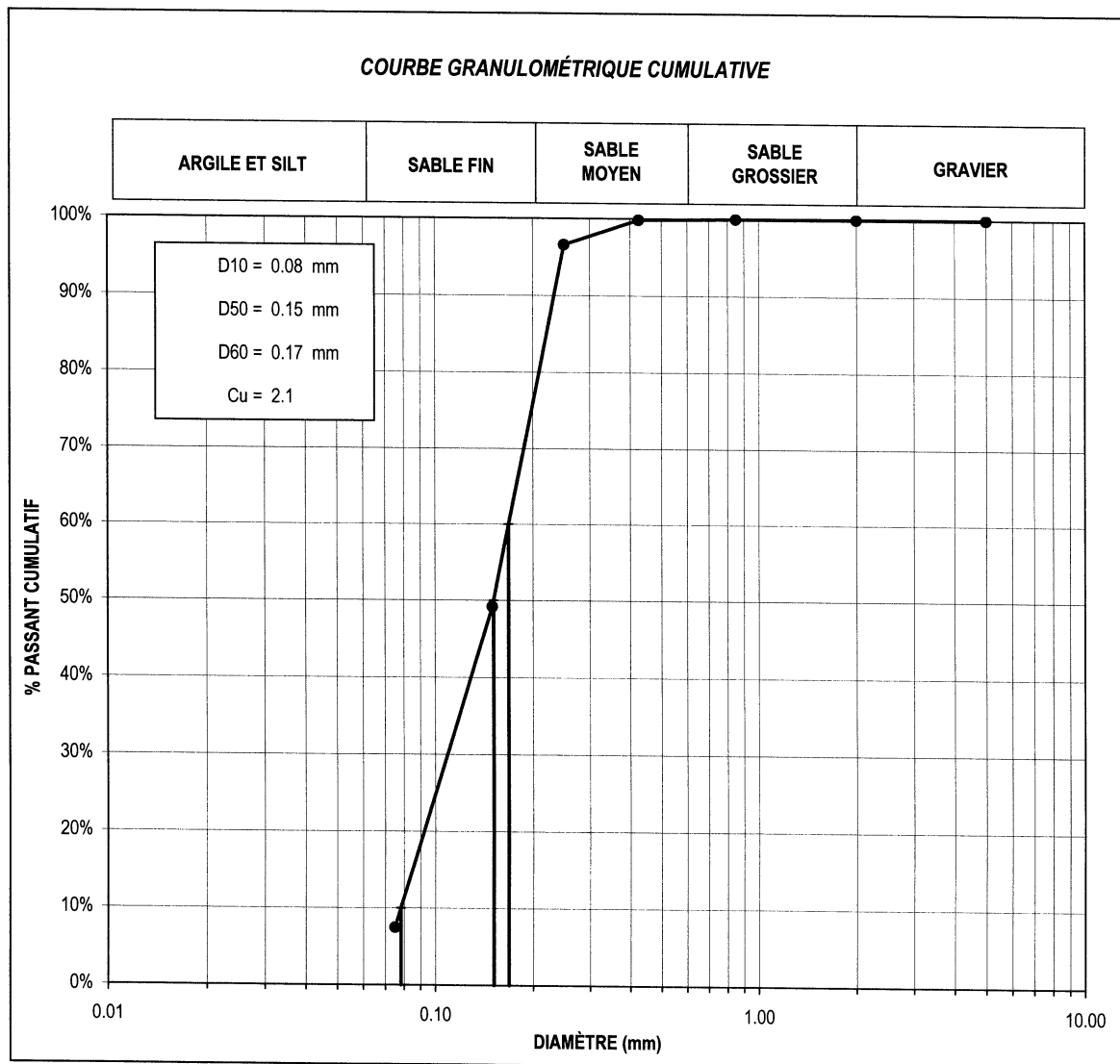


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 18-12-01

PROFONDEUR : 15.72-16.34 m  
SONDAGE: F-310B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.97%	0.2	0.03%	0.03%
0.425	99.83%	1.0	0.14%	0.17%
0.250	96.61%	23.4	3.23%	3.39%
0.150	49.18%	343.8	47.43%	50.82%
0.075	7.46%	302.4	41.72%	92.54%
<0,075	0.00%	54.1	7.46%	100.00%
TOTAL		724.90 g		

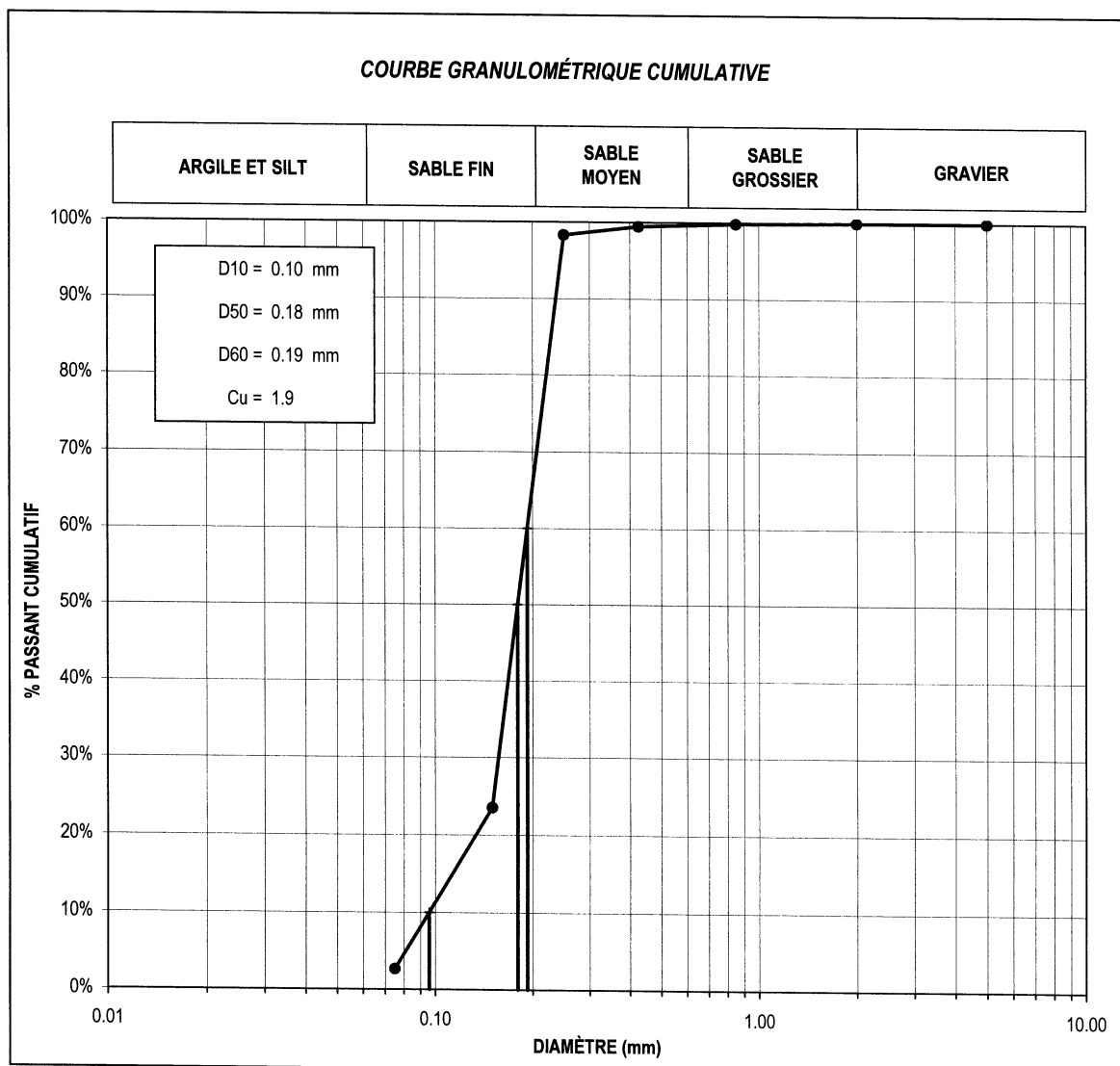


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 18-12-01

PROFONDEUR : 4.27-4.88 m  
SONDAGE: F-311B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.85%	0.9	0.15%	0.15%
0.425	99.46%	2.3	0.39%	0.54%
0.250	98.32%	6.8	1.14%	1.68%
0.150	23.54%	445.4	74.78%	76.46%
0.075	2.67%	124.3	20.87%	97.33%
<0,075	0.00%	15.9	2.67%	100.00%
TOTAL		595.60 g		



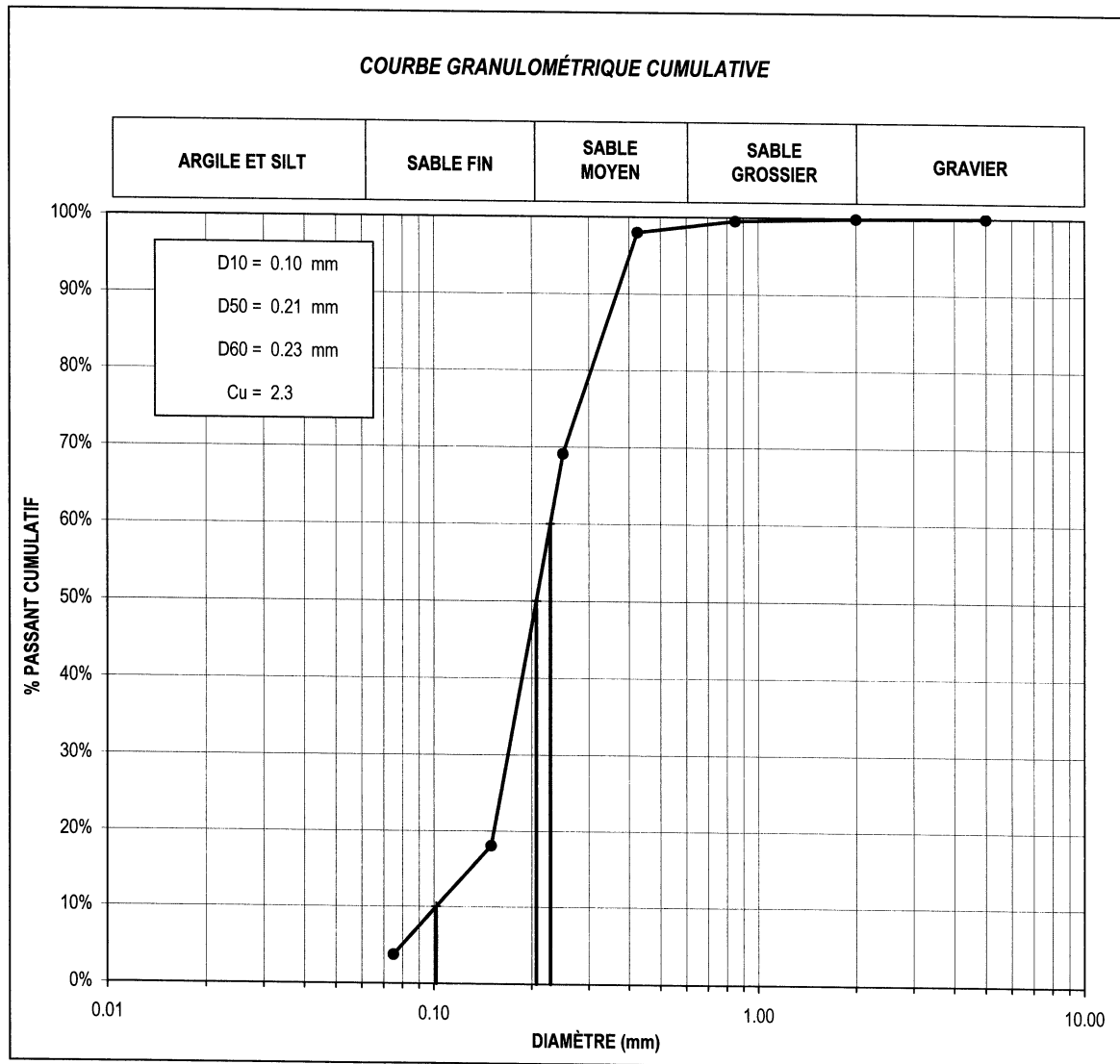


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 18-12-01

PROFONDEUR : 7,32-7,92 m  
SONDAGE: F-311A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	99.90%	0.9	0.10%	0.10%
0.850	99.53%	3.3	0.37%	0.47%
0.425	98.01%	13.7	1.52%	1.99%
0.250	69.10%	260.1	28.91%	30.90%
0.150	18.04%	459.5	51.07%	81.96%
0.075	3.73%	128.7	14.30%	96.27%
<0,075	0.00%	33.6	3.73%	100.00%
TOTAL		899.80 g		

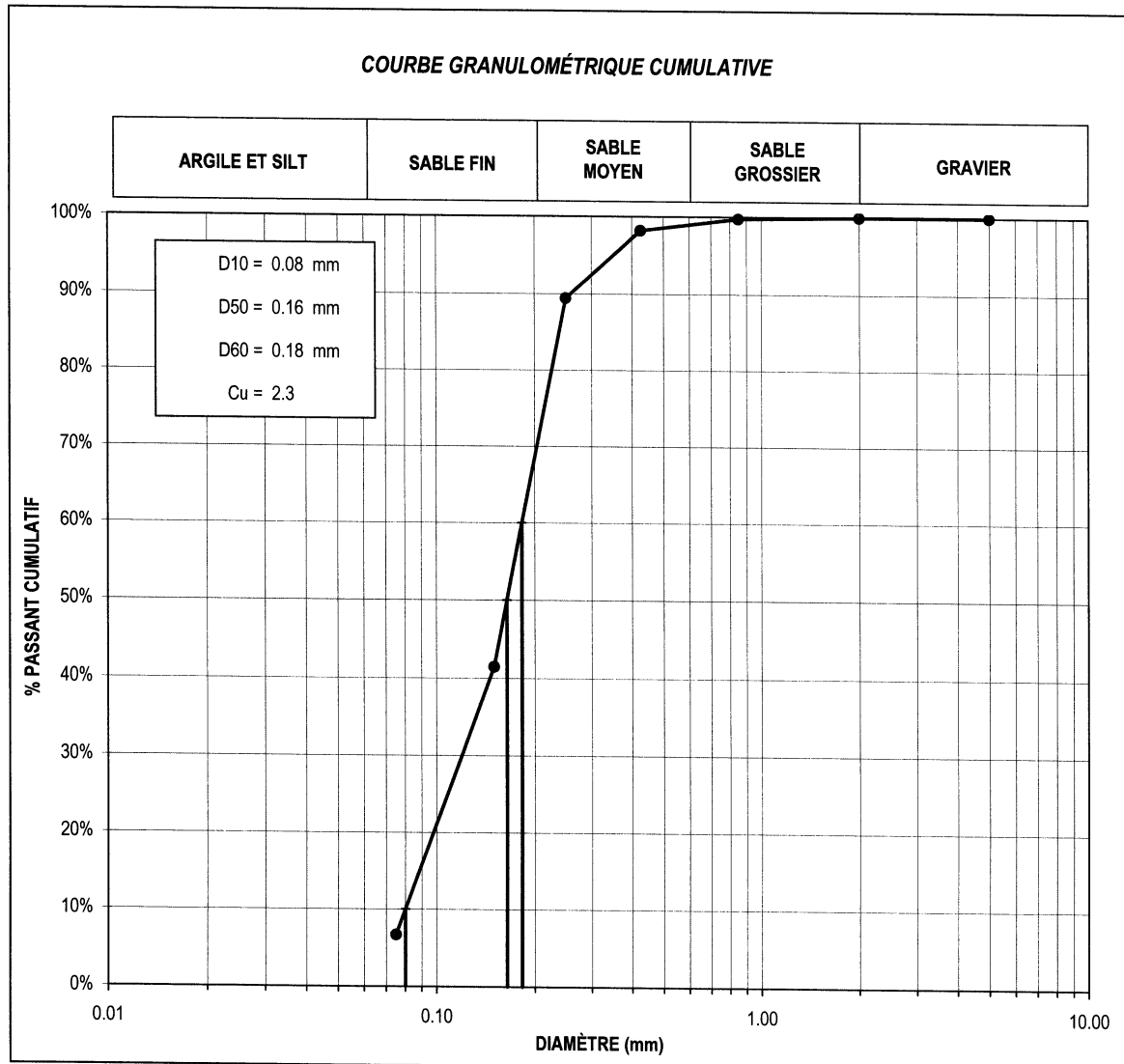


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 18-12-01

PROFONDEUR : 11.89-12.50 m  
SONDAGE: F-311B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.76%	1.5	0.24%	0.24%
0.425	98.23%	9.5	1.53%	1.77%
0.250	89.42%	54.6	8.81%	10.58%
0.150	41.45%	297.4	47.97%	58.55%
0.075	6.71%	215.4	34.74%	93.29%
<0,075	0.00%	41.6	6.71%	100.00%
TOTAL		620.00 g		

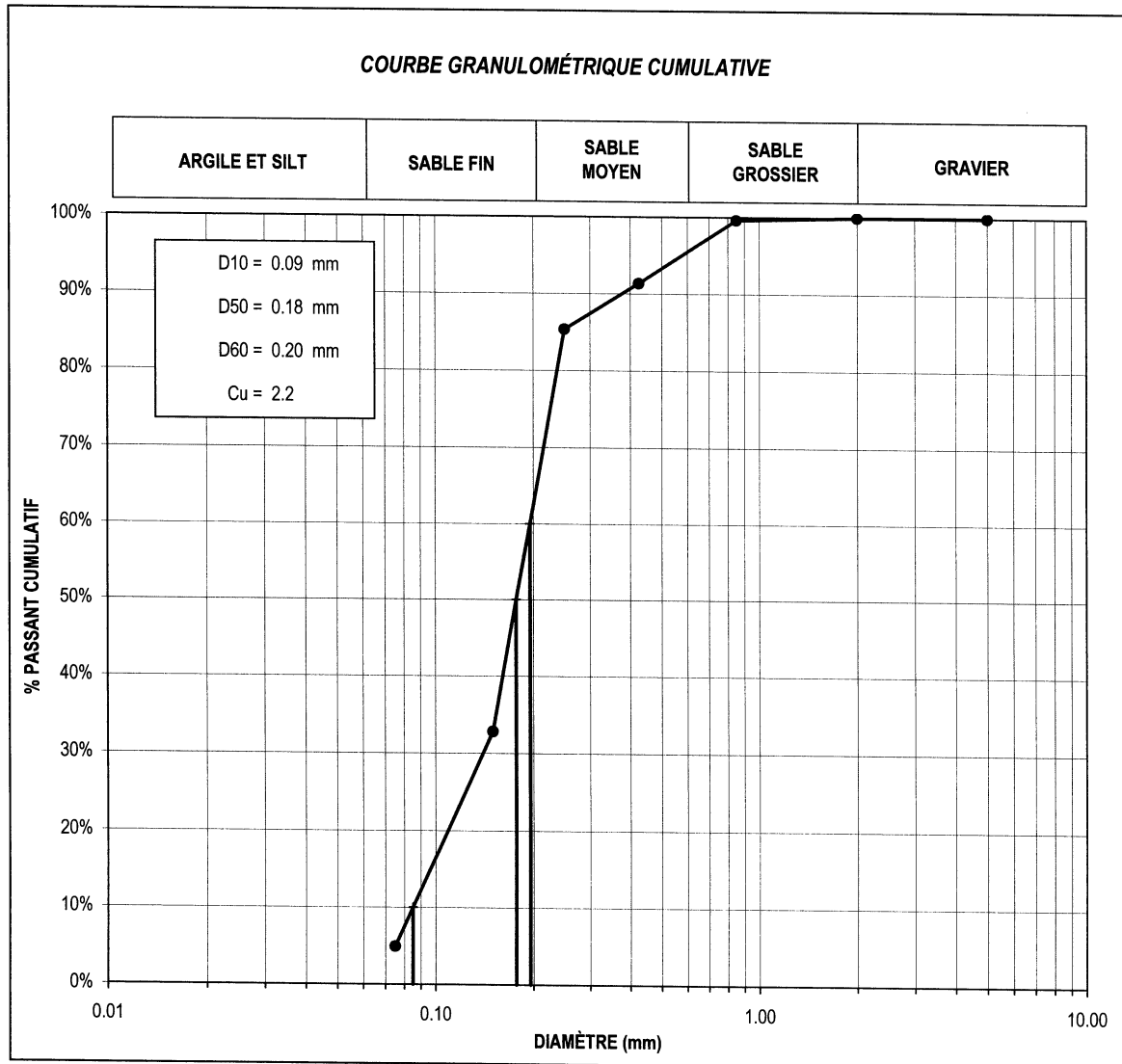


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 19-12-01

PROFONDEUR : 4,57-5,18 m  
SONDAGE: F-312A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.63%	1.1	0.37%	0.37%
0.425	91.34%	24.5	8.29%	8.66%
0.250	85.35%	17.7	5.99%	14.65%
0.150	32.81%	155.3	52.54%	67.19%
0.075	4.94%	82.4	27.88%	95.06%
<0,075	0.00%	14.6	4.94%	100.00%
TOTAL		295.60 g		

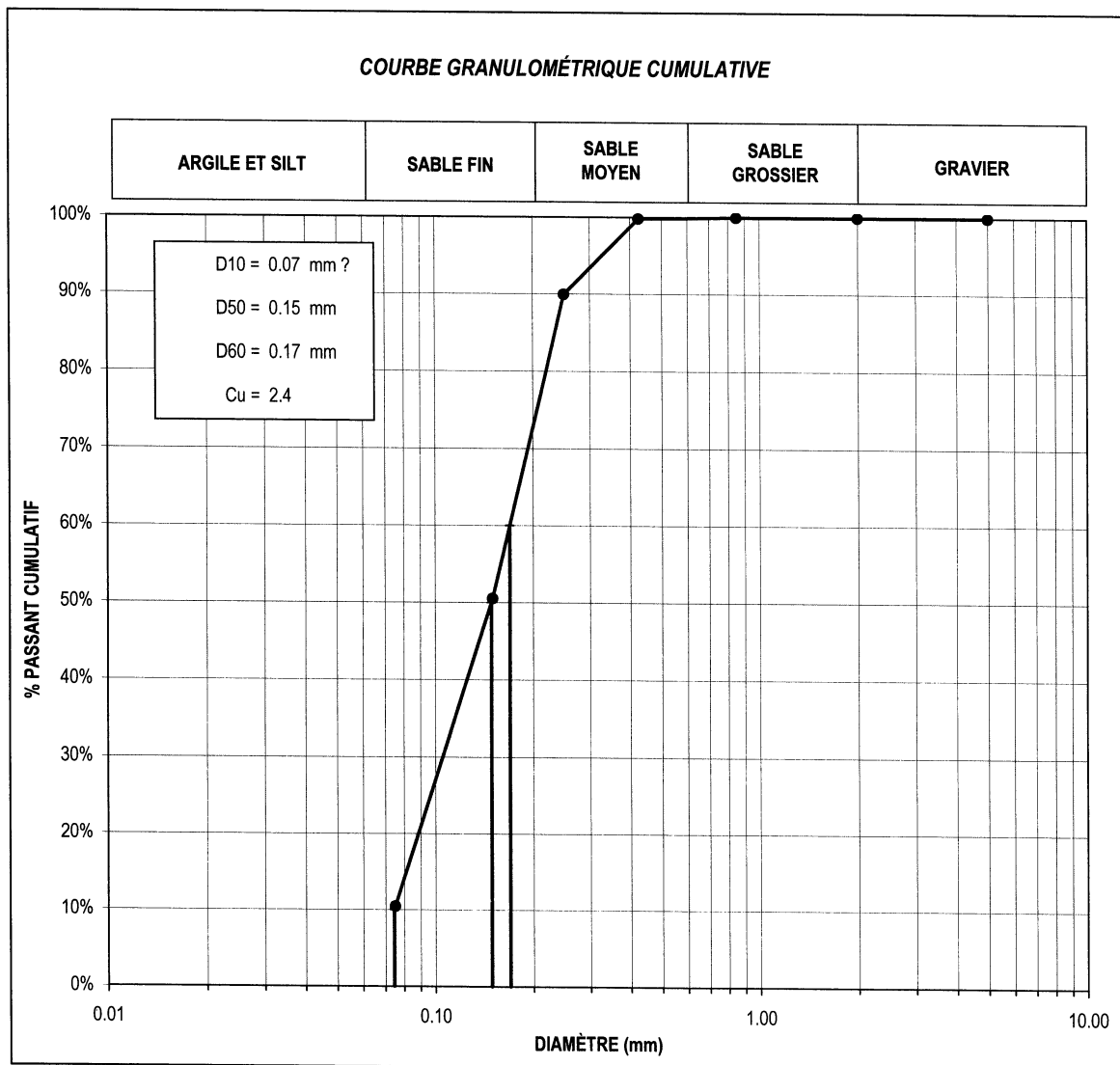


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 19-12-01

PROFONDEUR : 7,92-8,53 m  
SONDAGE: F-312B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	100.00%	0.0	0.00%	0.00%
0.425	99.82%	0.8	0.18%	0.18%
0.250	89.92%	43.1	9.90%	10.08%
0.150	50.52%	171.6	39.40%	49.48%
0.075	10.45%	174.5	40.07%	89.55%
<0,075	0.00%	45.5	10.45%	100.00%
TOTAL		435.50 g		

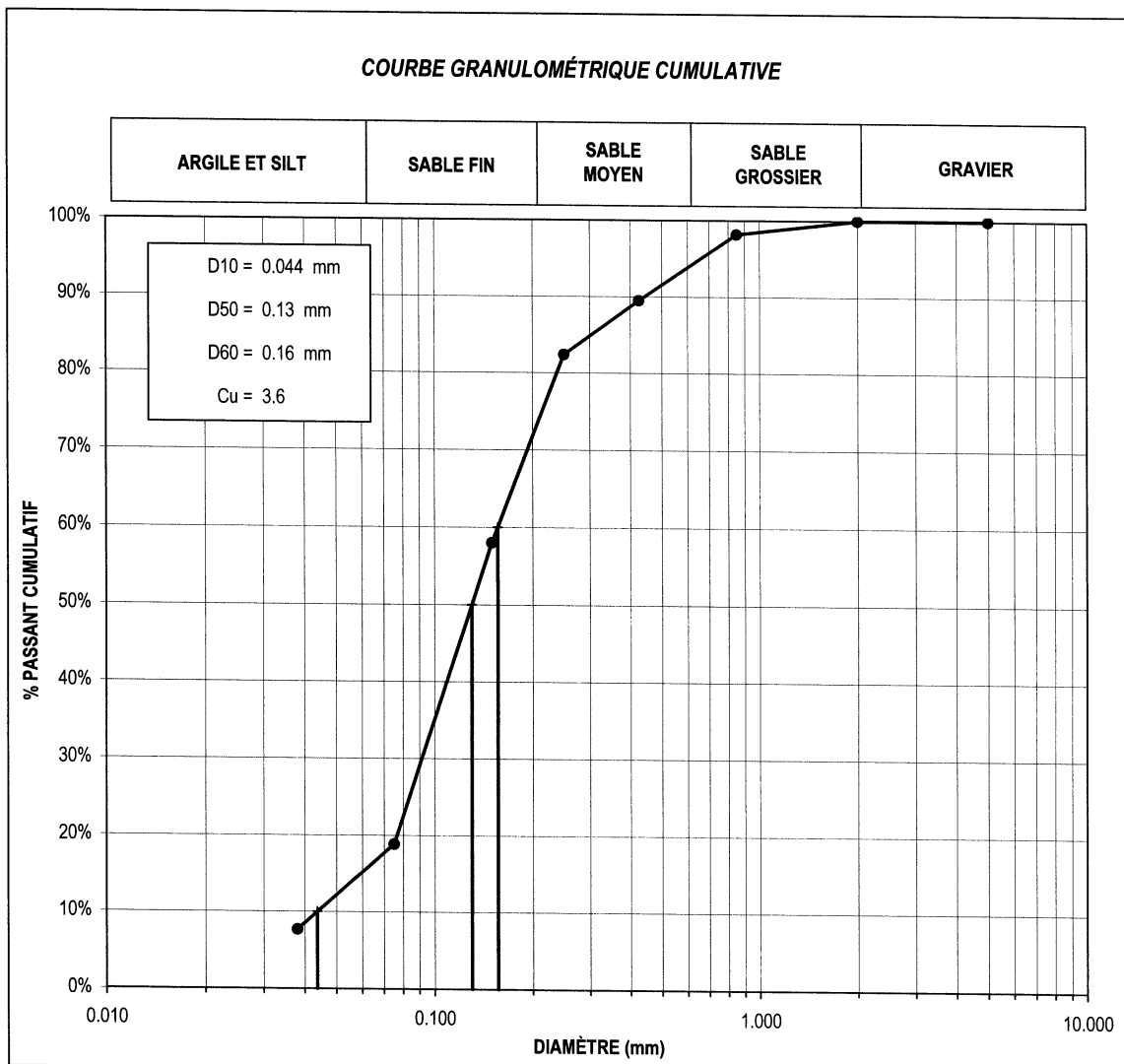


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 19-12-01

PROFONDEUR : 11,89-12,50 m  
SONDAGE: F-312B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.000	1.000	0.0	0.000	0.000
2.000	1.000	0.0	0.000	0.000
0.850	0.982	5.2	0.018	0.018
0.425	0.895	25.0	0.087	0.105
0.250	0.824	20.5	0.071	0.176
0.150	0.580	70.0	0.244	0.420
0.075	0.189	112.5	0.391	0.811
0.038	0.077	32.1	0.112	0.923
<0,038	0.000	22.1	0.077	1.000
TOTAL		287.40 g		

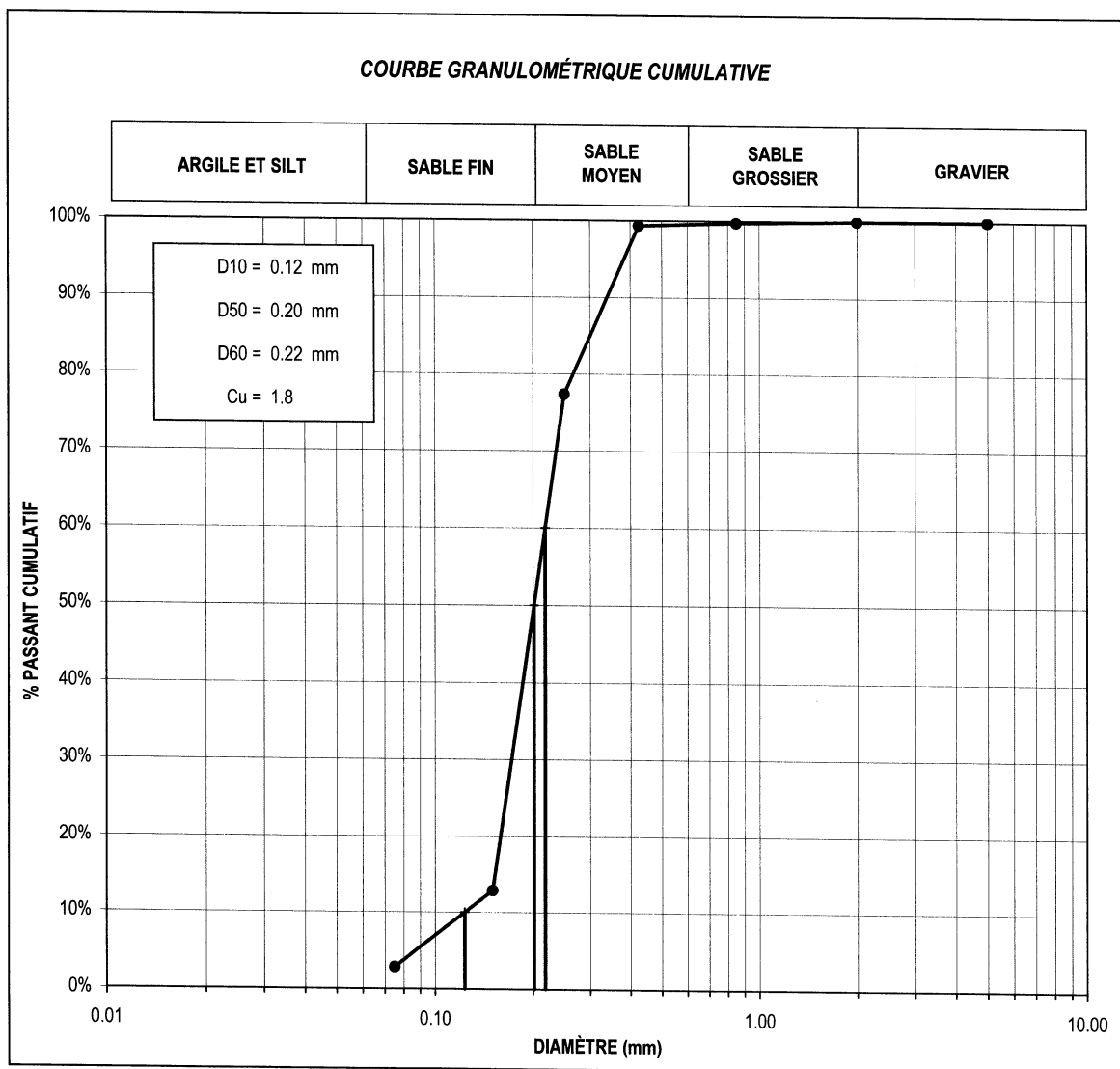


## ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 18-12-01

PROFONDEUR : 3.96-4.57 m  
SONDAGE: F-313A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.74%	1.6	0.26%	0.26%
0.425	99.33%	2.5	0.41%	0.67%
0.250	77.35%	134.7	21.98%	22.65%
0.150	12.86%	395.3	64.50%	87.14%
0.075	2.82%	61.5	10.03%	97.18%
<0,075	0.00%	17.3	2.82%	100.00%
TOTAL		612.90 g		

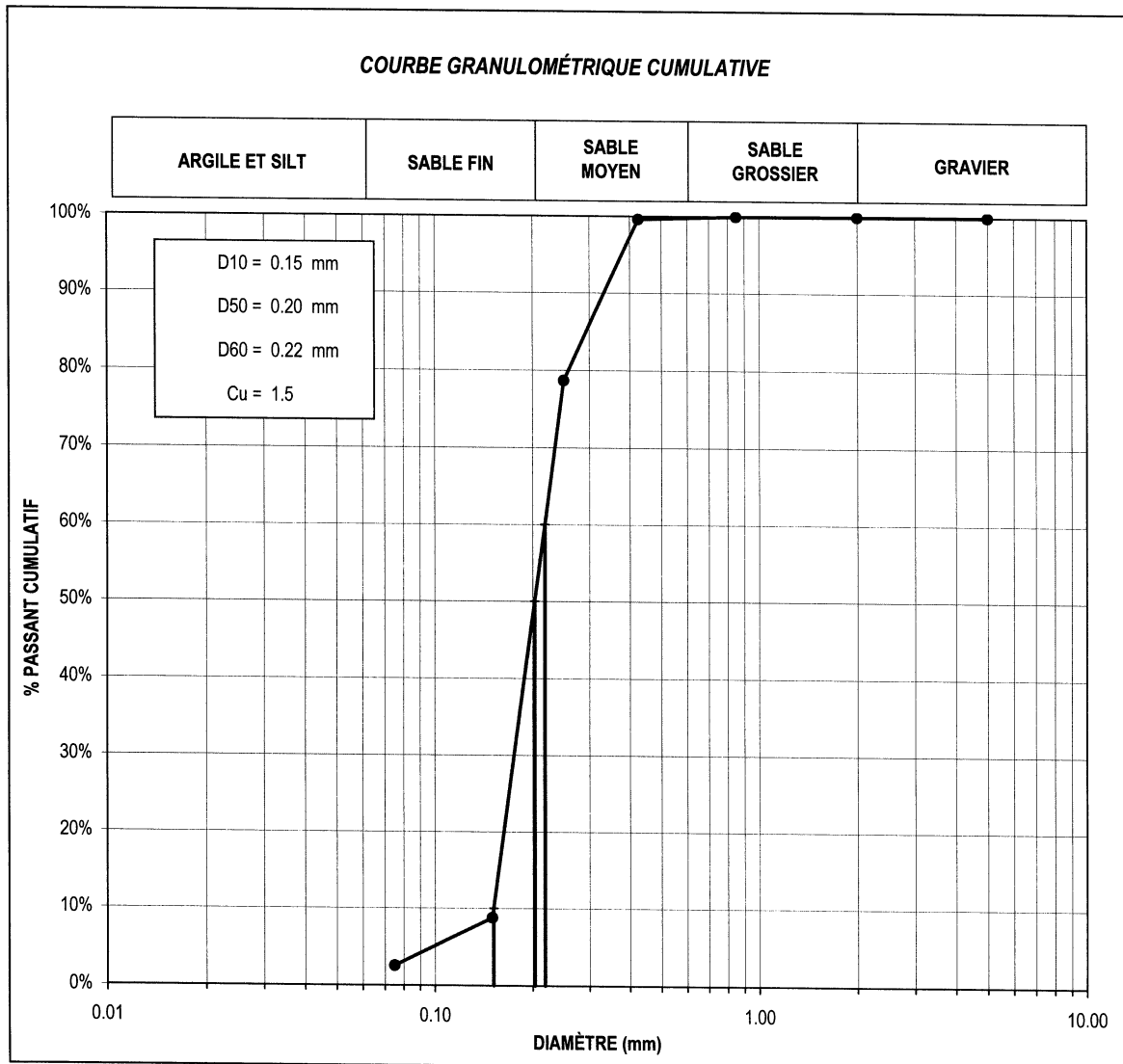


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 19-12-01

PROFONDEUR : 7,19-7,80 m  
SONDAGE: F-313A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.99%	0.1	0.01%	0.01%
0.425	99.62%	2.6	0.37%	0.38%
0.250	78.69%	146.8	20.93%	21.31%
0.150	8.80%	490.3	69.89%	91.20%
0.075	2.54%	43.9	6.26%	97.46%
<0,075	0.00%	17.8	2.54%	100.00%
TOTAL		701.50 g		

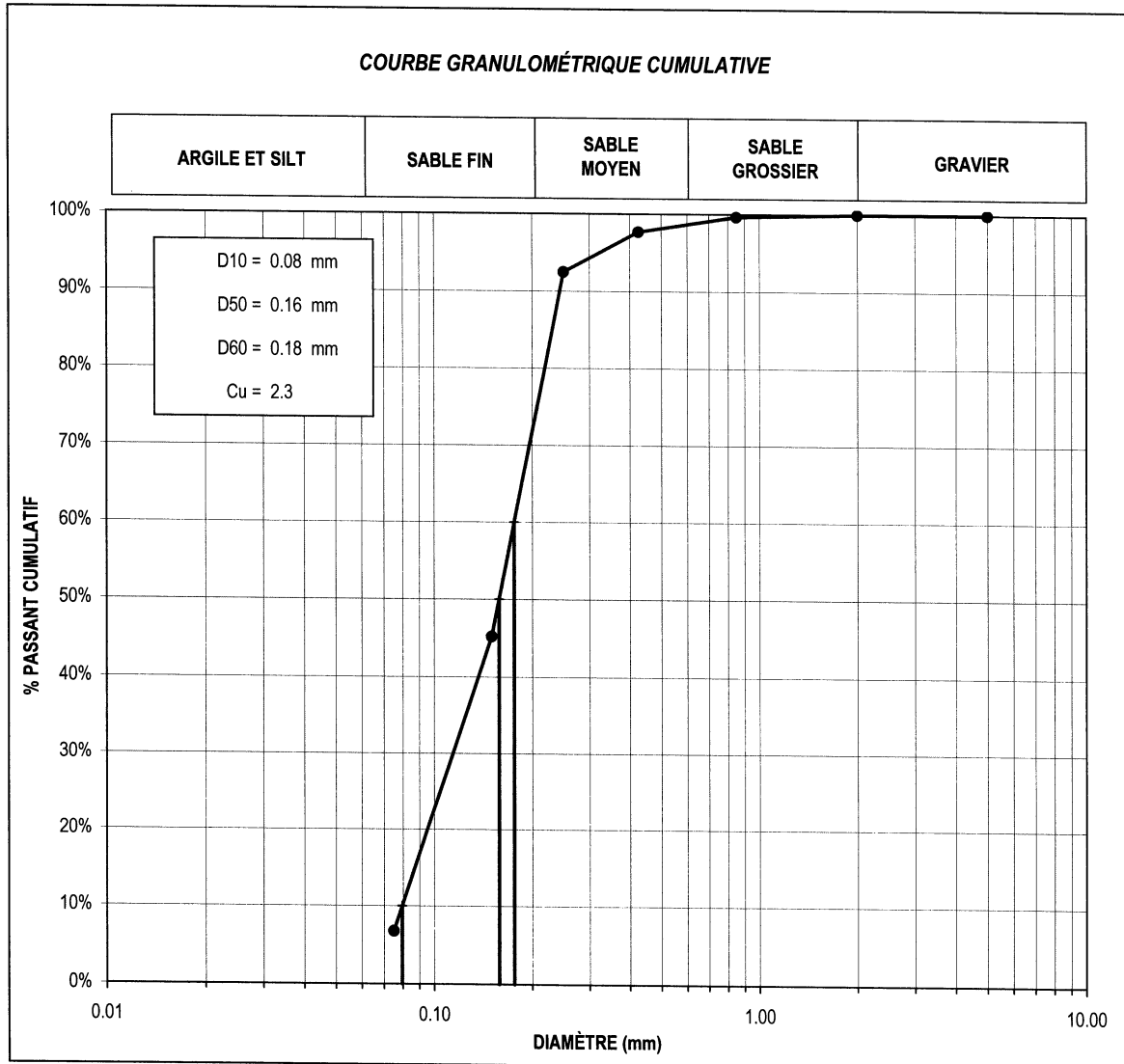


## ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 18-12-01

PROFONDEUR : 15.85-16.46m  
SONDAGE: F-313B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.67%	2.1	0.33%	0.33%
0.425	97.69%	12.5	1.98%	2.31%
0.250	92.47%	33.0	5.22%	7.53%
0.150	45.21%	298.7	47.26%	54.79%
0.075	6.76%	243.1	38.46%	93.24%
<0,075	0.00%	42.7	6.76%	100.00%
TOTAL		632.10 g		



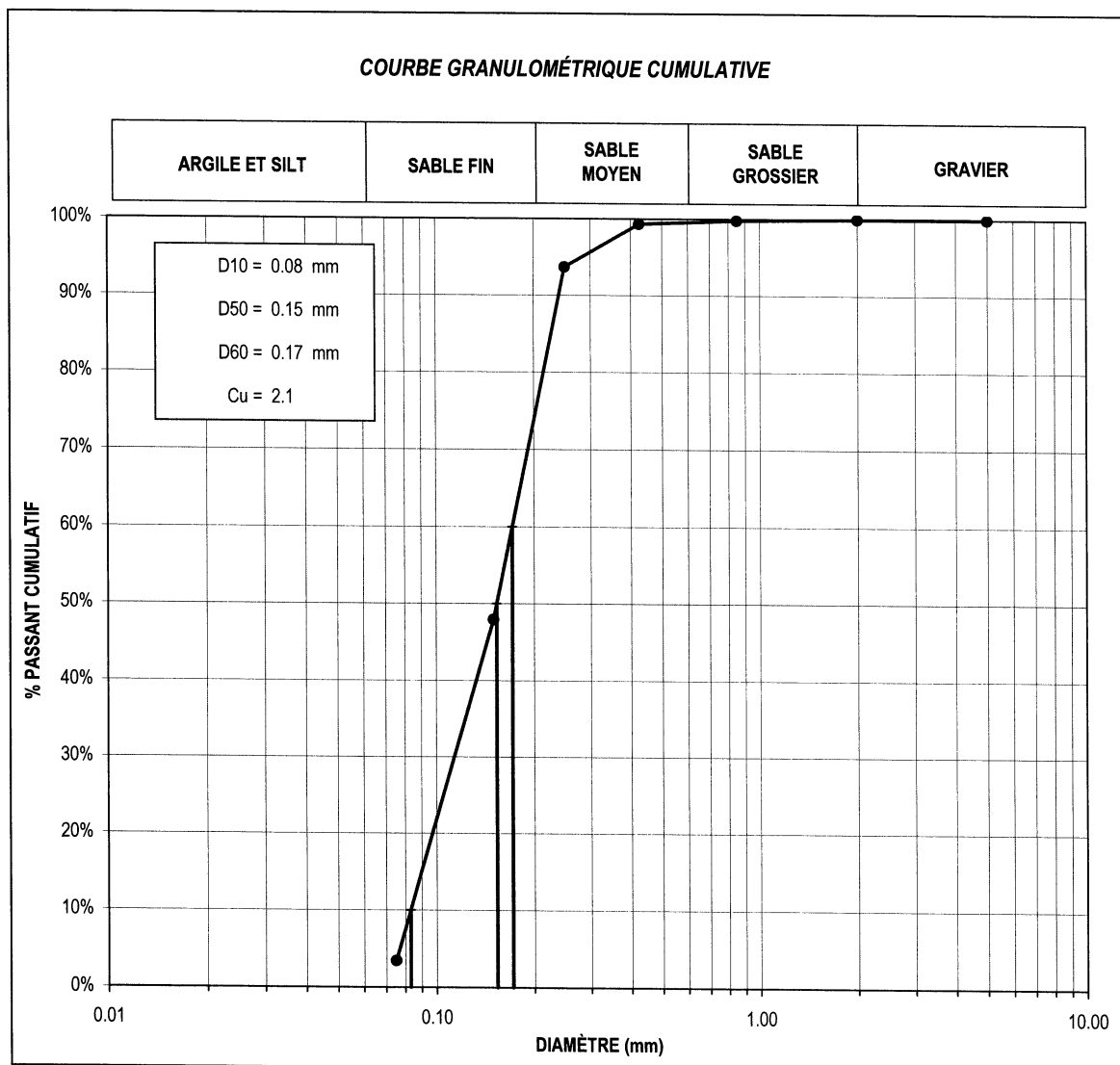


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 18-12-01

PROFONDEUR : 5.18-5.79 m  
SONDAGE: F-314A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.79%	1.1	0.21%	0.21%
0.425	99.34%	2.4	0.45%	0.66%
0.250	93.70%	30.0	5.64%	6.30%
0.150	47.92%	243.3	45.78%	52.08%
0.075	3.44%	236.4	44.48%	96.56%
<0,075	0.00%	18.3	3.44%	100.00%
TOTAL		531.50 g		

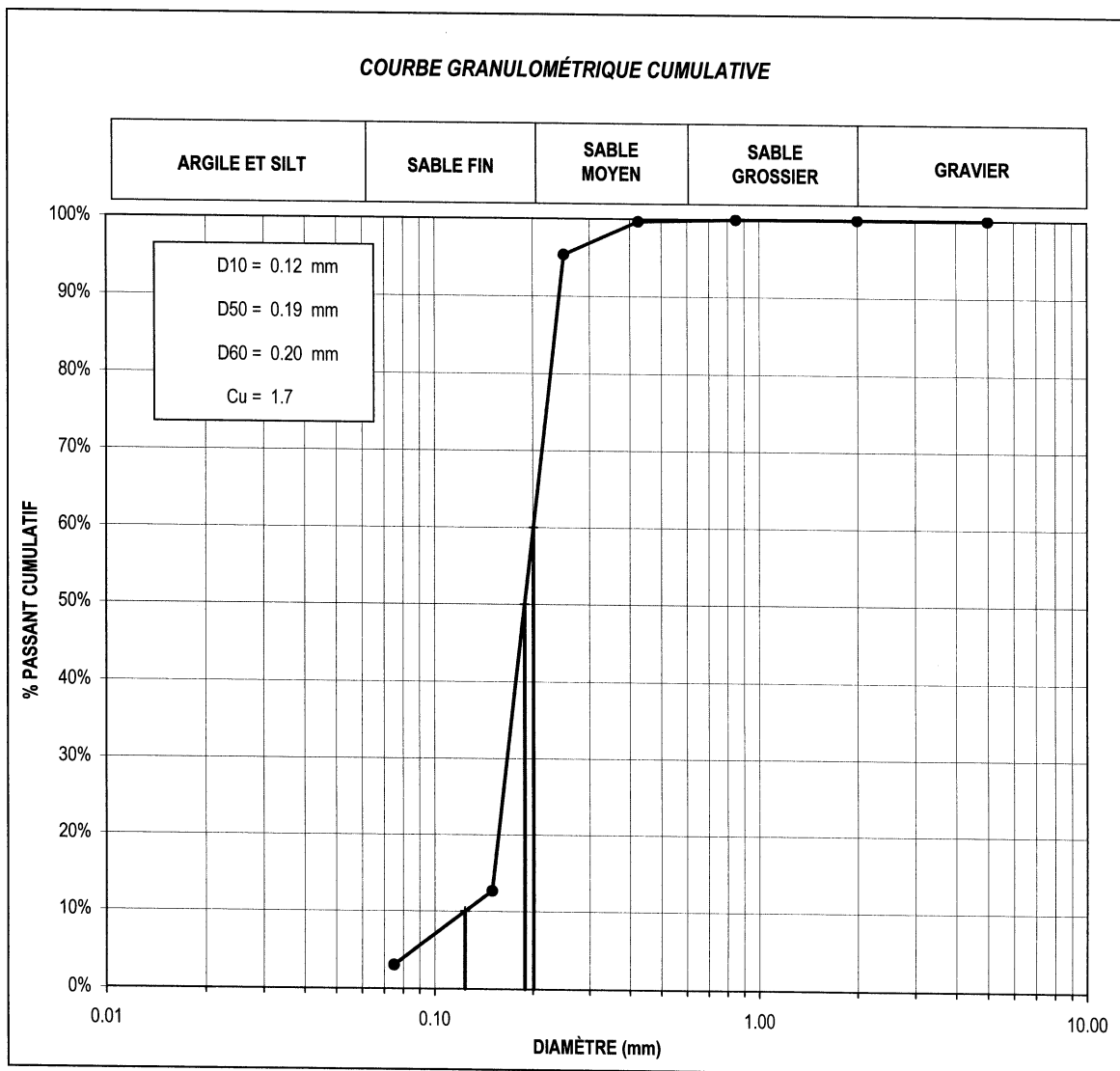


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 19-12-01

PROFONDEUR : 7,01-7,62 m  
SONDAGE: F-314A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.99%	0.1	0.01%	0.01%
0.425	99.69%	2.5	0.30%	0.31%
0.250	95.34%	36.3	4.35%	4.66%
0.150	12.69%	689.7	82.65%	87.31%
0.075	3.03%	80.6	9.66%	96.97%
<0,075	0.00%	25.3	3.03%	100.00%
TOTAL		834.50 g		

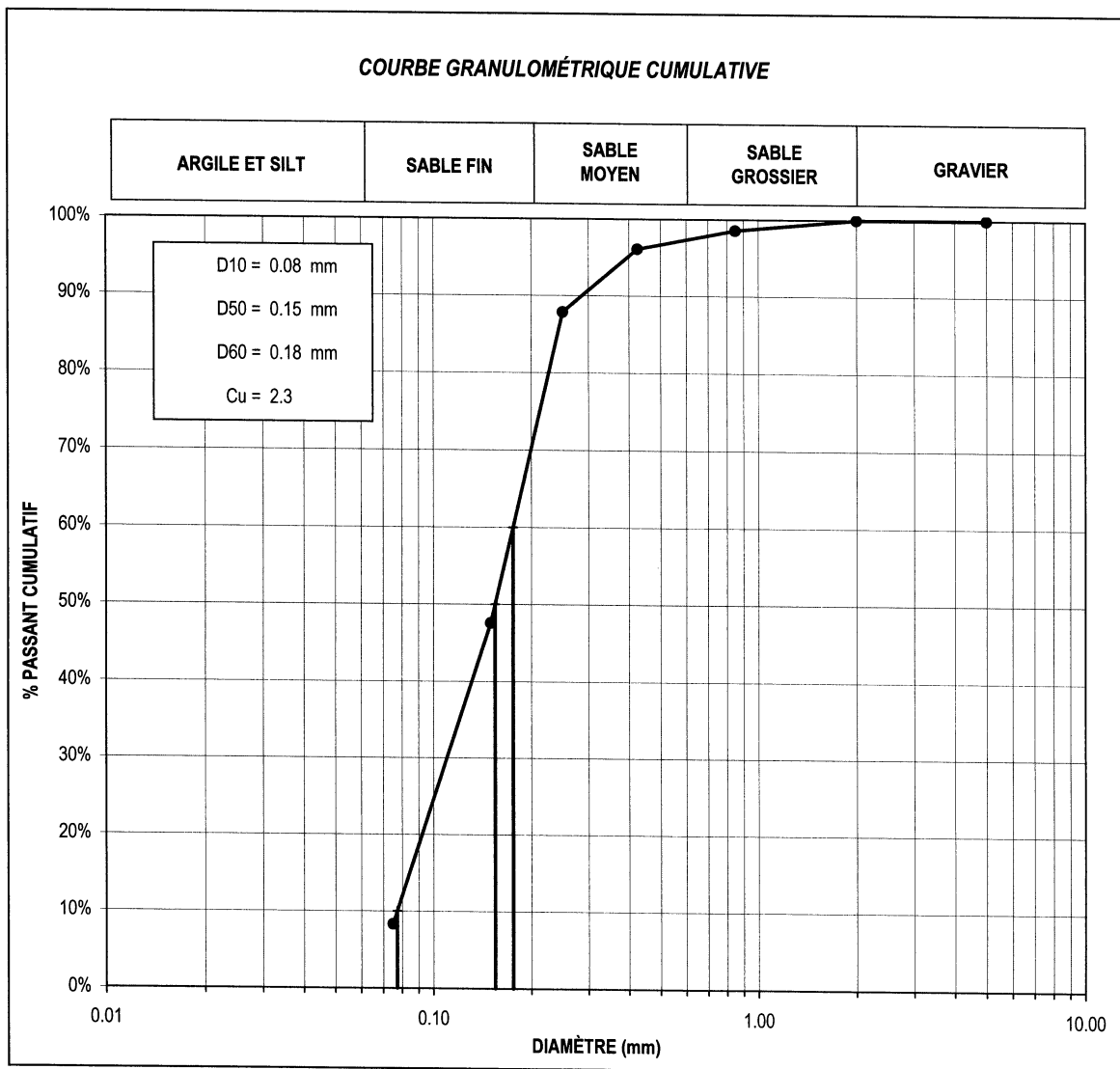


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 18-12-01

PROFONDEUR : 19.51-20.12 m  
SONDAGE : F-314B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	98.58%	8.7	1.42%	1.42%
0.425	96.11%	15.1	2.47%	3.89%
0.250	87.84%	50.6	8.27%	12.16%
0.150	47.57%	246.4	40.27%	52.43%
0.075	8.33%	240.1	39.24%	91.67%
<0,075	0.00%	51.0	8.33%	100.00%
TOTAL		611.90 g		

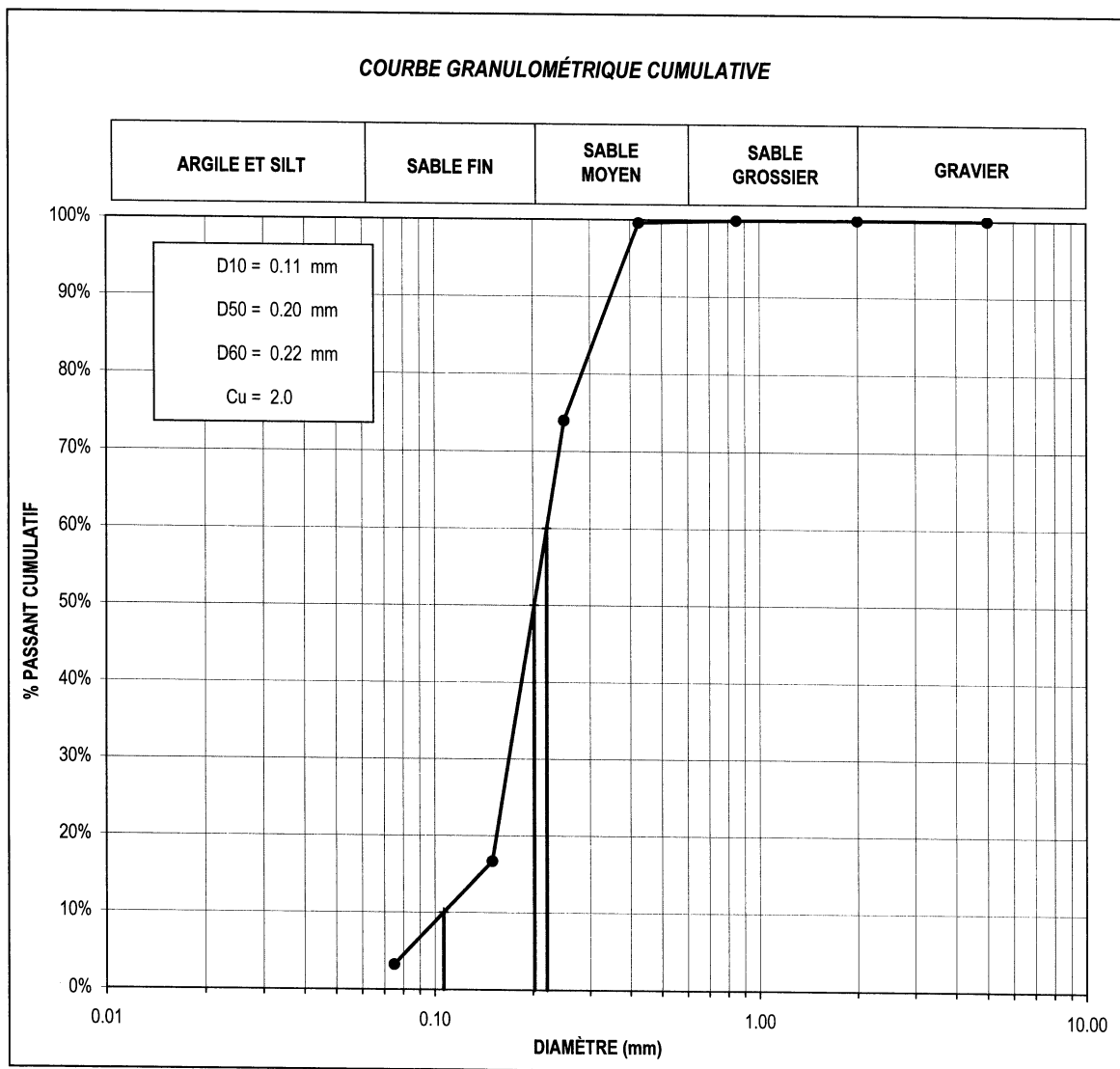


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 18-12-01

PROFONDEUR : 4.88-5.49 m  
SONDAGE: F-315A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.94%	0.4	0.06%	0.06%
0.425	99.61%	2.2	0.33%	0.39%
0.250	73.96%	170.3	25.65%	26.04%
0.150	16.69%	380.3	57.27%	83.31%
0.075	3.21%	89.5	13.48%	96.79%
<0,075	0.00%	21.3	3.21%	100.00%
TOTAL		664.00 g		

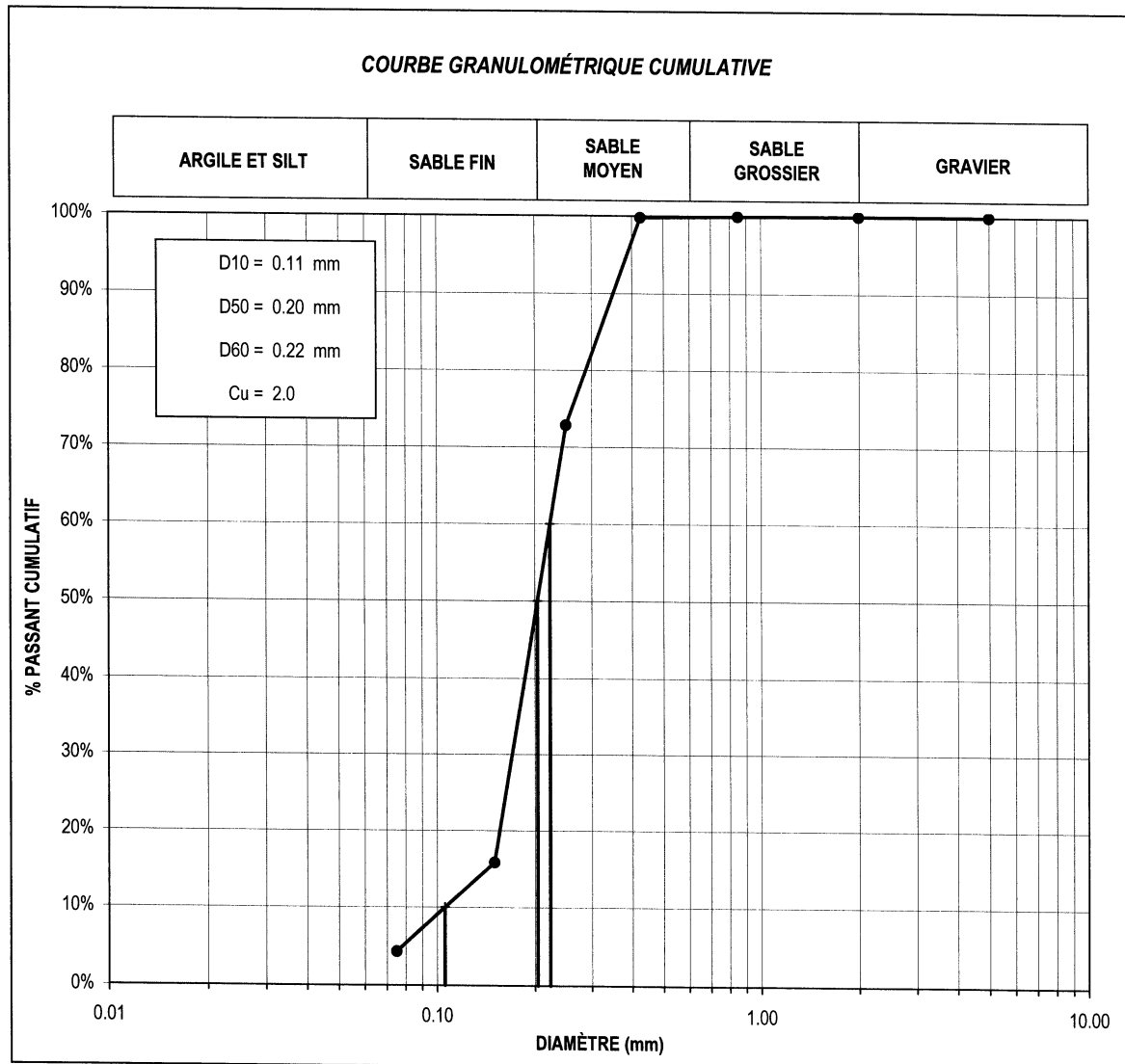


### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 18-12-01

PROFONDEUR : 7.32-7.92 m  
SONDAGE: F-315A

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.95%	0.4	0.05%	0.05%
0.425	99.79%	1.3	0.16%	0.21%
0.250	72.83%	220.4	26.96%	27.17%
0.150	15.84%	465.8	56.99%	84.16%
0.075	4.32%	94.2	11.52%	95.68%
<0,075	0.00%	35.3	4.32%	100.00%
TOTAL		817.40 g		



### ESSAI GRANULOMÉTRIQUE

PROVENANCE : 01-1984 - L.E.S. Saint-Thomas  
DATE : 18-12-01

PROFONDEUR : 15.85-16.46 m  
SONDAGE: F-315B

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (g)	% RETENU	% RETENU CUMULATIF
5.00	100.00%	0.0	0.00%	0.00%
2.00	100.00%	0.0	0.00%	0.00%
0.850	99.61%	2.6	0.39%	0.39%
0.425	97.59%	13.6	2.03%	2.41%
0.250	92.67%	33.0	4.92%	7.33%
0.150	40.92%	347.2	51.74%	59.08%
0.075	6.26%	232.6	34.66%	93.74%
<0,075	0.00%	42.0	6.26%	100.00%
TOTAL		671.00 g		

