



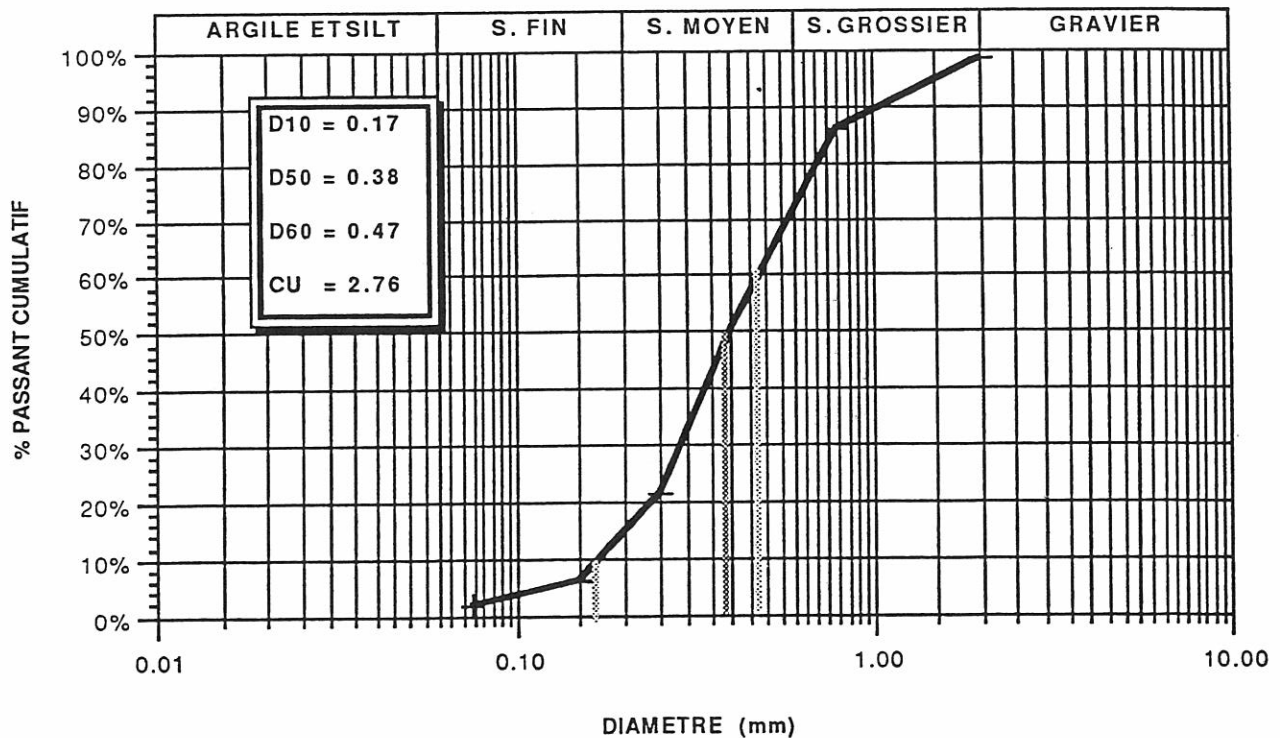
ESSAI GRANULOMÉTRIQUE

PROVENANCE : L.E.S. EST-PORTNEUF
DATE : MAI 1992

PROFONDEUR : 2.74-3.66 m
SONDAGE: S-1

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (gr)	% RETENU	% RETENU CUMULATIF
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
2.00	98.43%	7.80	1.57%	1.57%
0.80	85.95%	62.10	12.48%	14.05%
0.4	50.22%	177.80	35.73%	49.78%
0.25	21.52%	142.80	28.70%	78.48%
0.15	6.27%	75.90	15.25%	93.73%
0.074	1.97%	21.40	4.30%	98.03%
< 0.0074	0.00%	9.80	1.97%	100.00%
TOTAL		497.60		

COURBE GRANULOMÉTRIQUE CUMULATIVE



sable moyen à grossier, un peu de sable fin



Consultants
H.G.E. INC.

ESSAI GRANULOMÉTRIQUE

PROVENANCE : L.E.S. EST-PORTNEUF

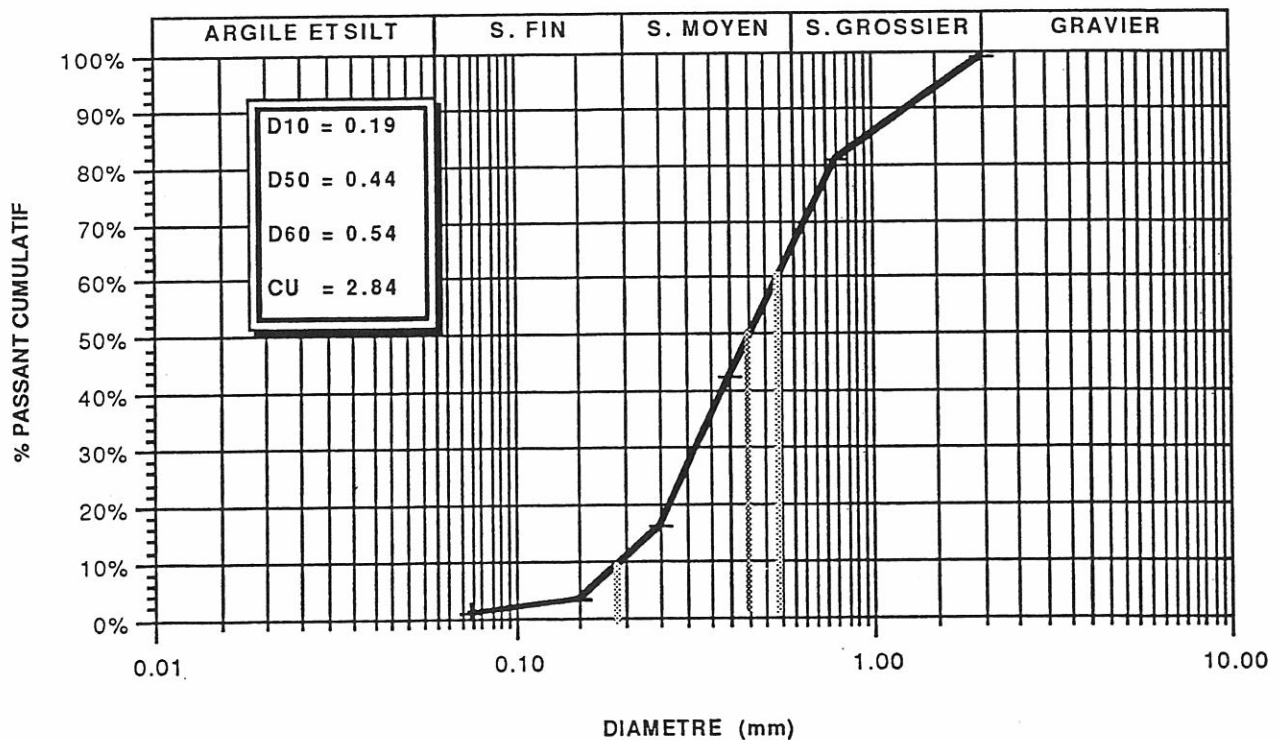
DATE : MAI 1992

PROFONDEUR : 4.57-4.59 m

SONDAGE: S-1

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (gr)	% RETENU	% RETENU CUMULATIF
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
2.00	99.12%	3.70	0.88%	0.88%
0.80	80.84%	77.30	18.28%	19.16%
0.4	42.36%	162.70	38.48%	57.64%
0.25	16.37%	109.90	25.99%	83.63%
0.15	3.29%	55.30	13.08%	96.71%
0.074	0.99%	9.70	2.29%	99.01%
< 0.0074	0.00%	4.20	0.99%	100.00%
TOTAL		422.80		

COURBE GRANULOMÉTRIQUE CUMULATIVE



sable moyen à grossier; un peu de sable fin



Consultants
H.G.E. INC.

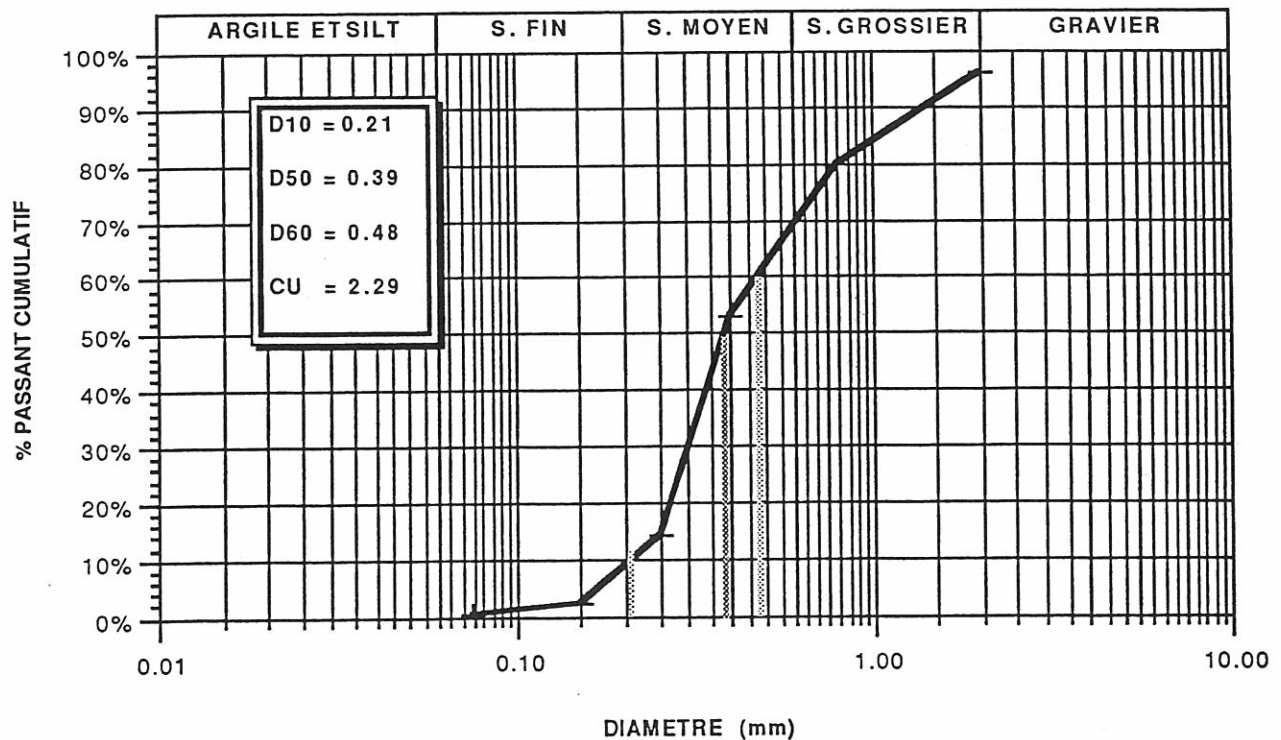
ESSAI GRANULOMÉTRIQUE

PROVENANCE : L.E.S. EST-PORTNEUF
DATE : 16/05/92

PROFONDEUR : 5.5-6.4 m
SONDAGE: S-1

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (gr)	% RETENU	% RETENU CUMULATIF
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
2.00	96.38%	27.50	3.62%	3.62%
0.80	80.02%	124.50	16.37%	19.98%
0.4	52.92%	206.10	27.10%	47.08%
0.25	13.99%	296.10	38.93%	86.01%
0.15	2.01%	91.10	11.98%	97.99%
0.074	0.41%	12.20	1.60%	99.59%
< 0.0074	0.00%	3.10	0.41%	100.00%
TOTAL		760.60		

COURBE GRANULOMÉTRIQUE CUMULATIVE



sable moyen à grossier, traces de sable fin



Consultants
H.G.E. INC.

ESSAI GRANULOMÉTRIQUE

PROVENANCE : L.E.S. EST-PORTNEUF

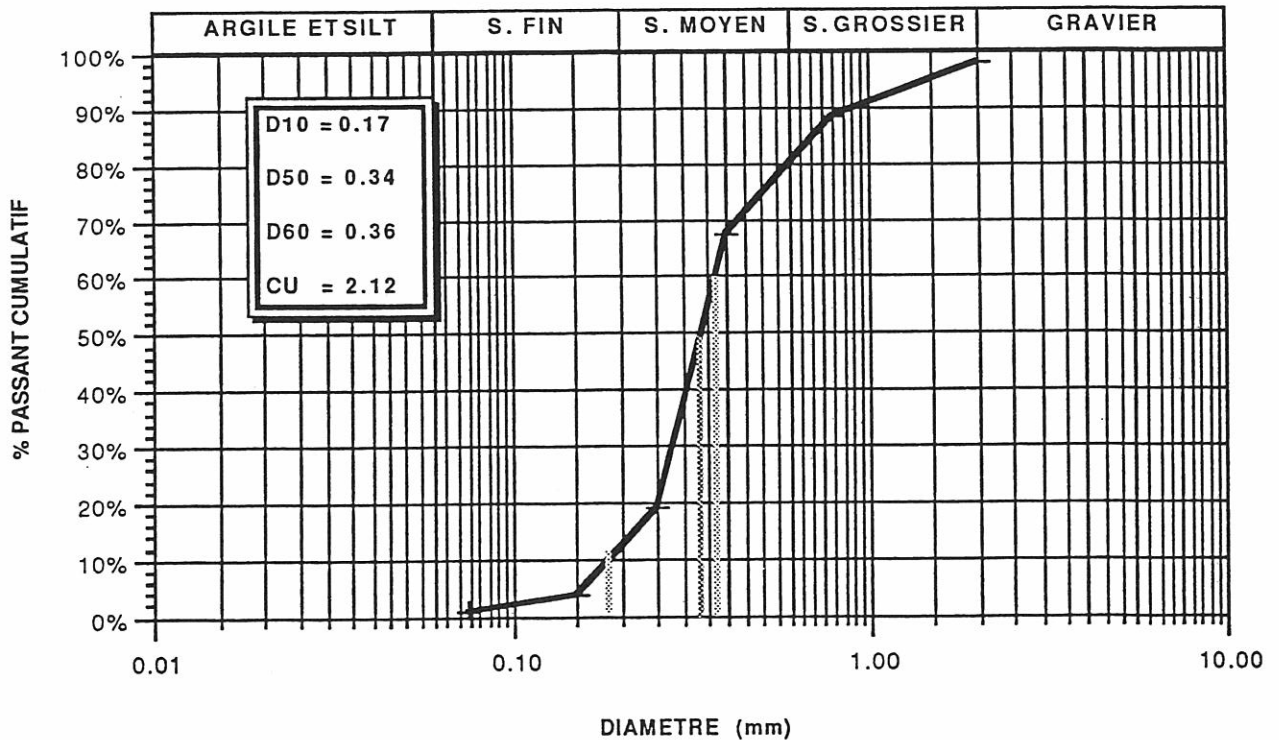
DATE : 16/05/92

PROFONDEUR : 6.4-7.3 m

SONDAGE: S-1

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (gr)	% RETENU	% RETENU CUMULATIF
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
2.00	98.08%	20.20	1.92%	1.92%
0.80	88.75%	98.10	9.33%	11.25%
0.4	67.23%	226.20	21.52%	32.77%
0.25	18.99%	507.10	48.24%	81.01%
0.15	3.54%	162.40	15.45%	96.46%
0.074	0.68%	30.00	2.85%	99.32%
< 0.0074	0.00%	7.20	0.68%	100.00%
TOTAL		1051.20		

COURBE GRANULOMÉTRIQUE CUMULATIVE



sable moyen, un peu de sable grossier, un peu de sable fin



Consultants
H.G.E. INC.

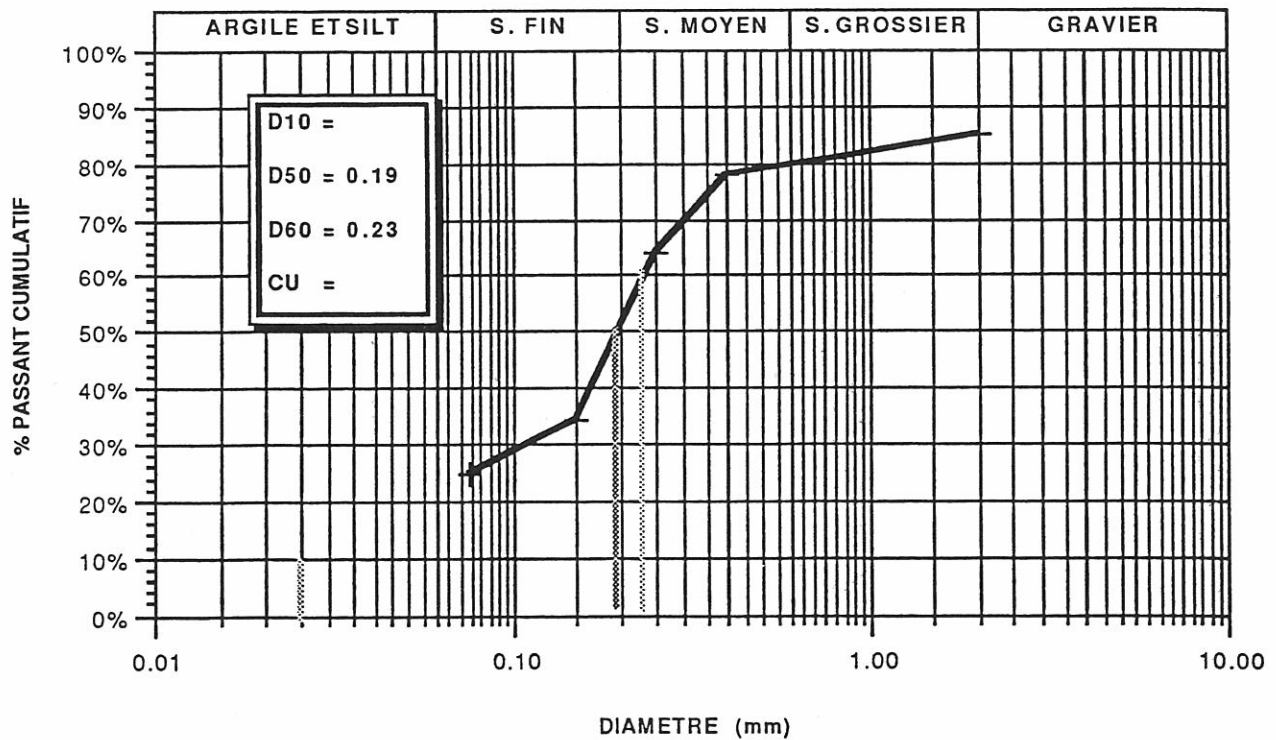
ESSAI GRANULOMÉTRIQUE

PROVENANCE : L.E.S. EST-PORTNEUF
DATE : MAI 1992

PROFONDEUR : 10.97-11.89 m
SONDAGE: S-1

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (gr)	% RETENU	% RETENU CUMULATIF
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
2.00	85.27%	107.50	14.73%	14.73%
0.80	81.09%	30.50	4.18%	18.91%
0.4	77.79%	24.10	3.30%	22.21%
0.25	63.94%	101.00	13.84%	36.06%
0.15	34.21%	217.00	29.74%	65.79%
0.074	24.60%	70.10	9.61%	75.40%
< 0.0074	0.00%	179.50	24.60%	100.00%
TOTAL		729.70		

COURBE GRANULOMÉTRIQUE CUMULATIVE



sable moyen à fin silto-argileux, un peu de gravier



Consultants
H.G.E. INC.

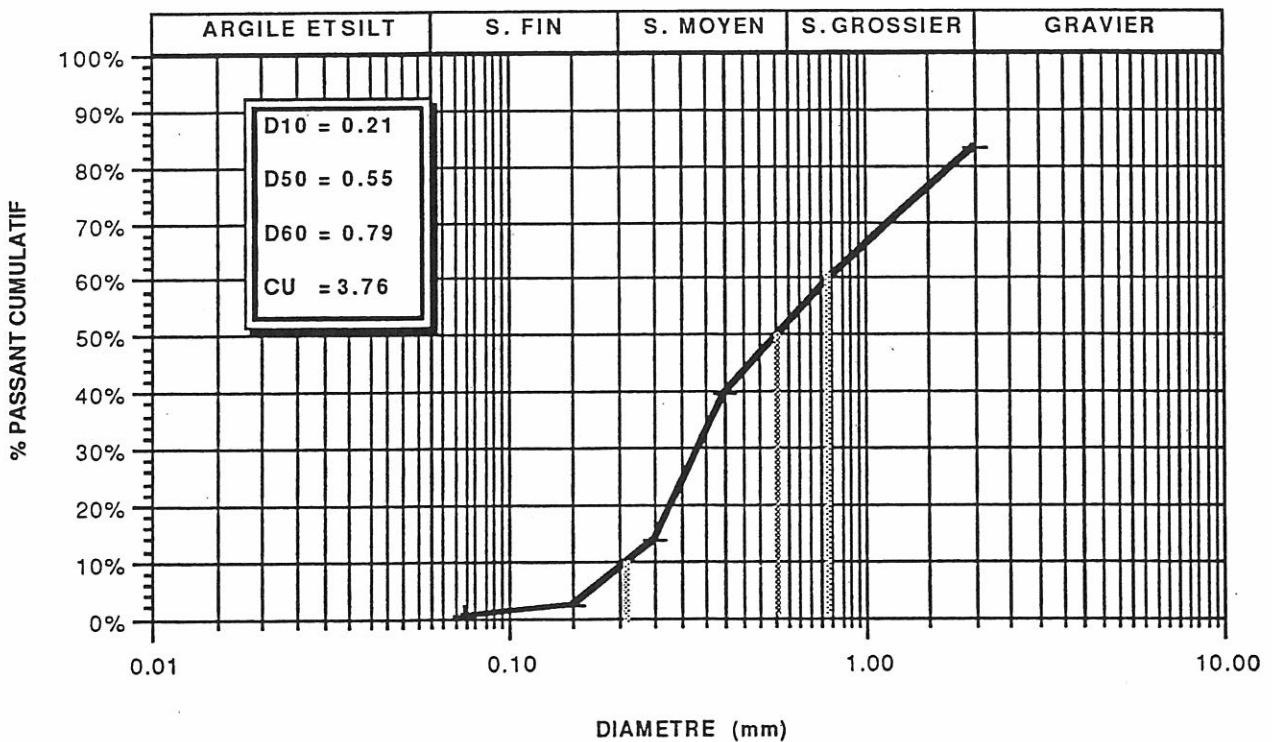
ESSAI GRANULOMÉTRIQUE

PROVENANCE : L.E.S. EST-PORTNEUF
DATE : MAI 1992

PROFONDEUR : 6.40-7.32 m
SONDAGE : P-1

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (gr)	% RETENU	% RETENU CUMULATIF
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
2.00	83.36%	67.20	16.64%	16.64%
0.80	60.00%	94.30	23.35%	40.00%
0.4	39.77%	81.70	20.23%	60.23%
0.25	13.94%	104.30	25.83%	86.06%
0.15	2.15%	47.60	11.79%	97.85%
0.074	0.35%	7.30	1.81%	99.65%
< 0.0074	0.00%	1.40	0.35%	100.00%
TOTAL		403.80		

COURBE GRANULOMÉTRIQUE CUMULATIVE



sable moyen à grossier, un peu de gravier, traces de sable fin



Consultants
H.G.E. INC.

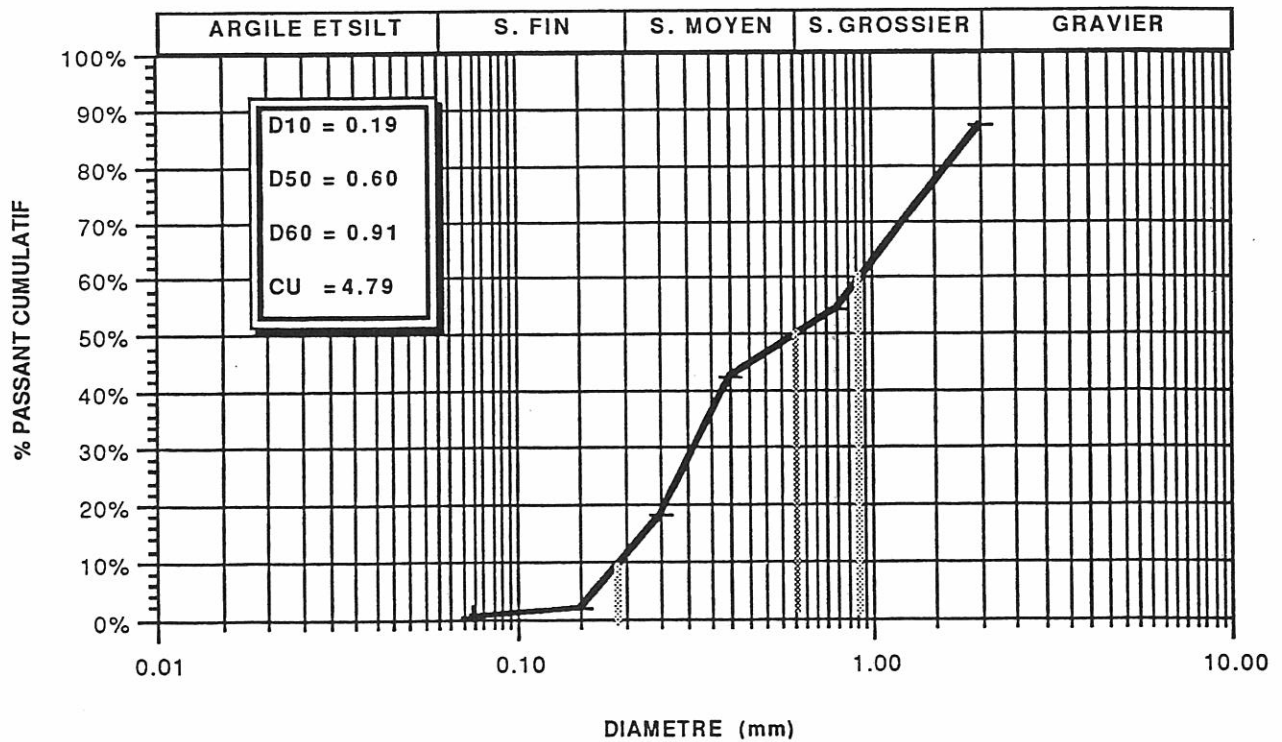
ESSAI GRANULOMÉTRIQUE

PROVENANCE : L.E.S. EST-PORTNEUF
DATE : MAI 1992

PROFONDEUR : 7.32-8.23 m
SONDAGE: P-2

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (gr)	% RETENU	% RETENU CUMULATIF
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
2.00	87.23%	58.30	12.77%	12.77%
0.80	54.45%	149.60	32.78%	45.55%
0.4	42.55%	54.30	11.90%	57.45%
0.25	18.03%	111.90	24.52%	81.97%
0.15	1.97%	73.30	16.06%	98.03%
0.074	0.11%	8.50	1.86%	99.89%
< 0.0074	0.00%	0.50	0.11%	100.00%
TOTAL		456.40		

COURBE GRANULOMÉTRIQUE CUMULATIVE



sable grossier à moyen, un peu de gravier, traces de sable fin



Consultants
H.G.E. INC.

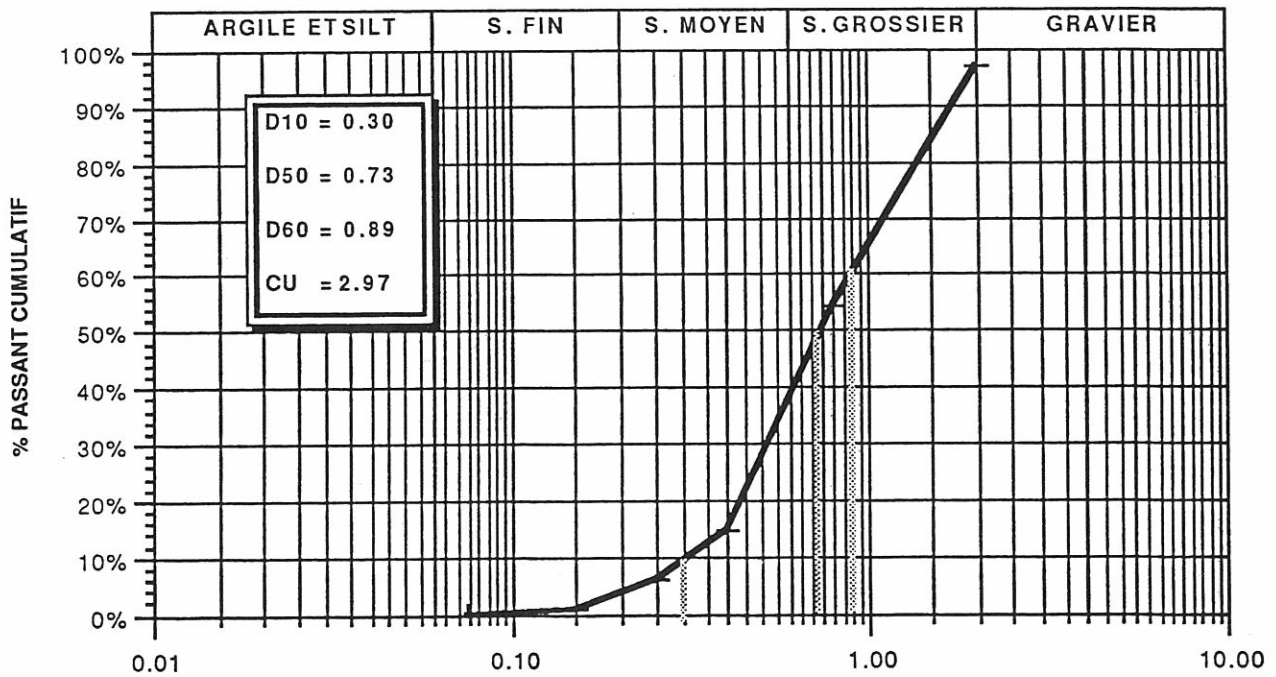
ESSAI GRANULOMÉTRIQUE

PROVENANCE : L.E.S. EST-PORTNEUF
DATE : MAI 1992

PROFONDEUR : 6.40-7.32 m
SONDAGE: P-3

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (gr)	% RETENU	% RETENU CUMULATIF
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
2.00	97.26%	11.20	2.74%	2.74%
0.80	54.59%	174.30	42.67%	45.41%
0.4	14.91%	162.10	39.68%	85.09%
0.25	6.02%	36.30	8.89%	93.98%
0.15	0.91%	20.90	5.12%	99.09%
0.074	0.07%	3.40	0.83%	99.93%
< 0.0074	0.00%	0.30	0.07%	100.00%
TOTAL		408.50		

COURBE GRANULOMÉTRIQUE CUMULATIVE



DIAMETRE (mm)
sable grossier et moyen, traces de sable fin



Consultants
H.G.E. INC.

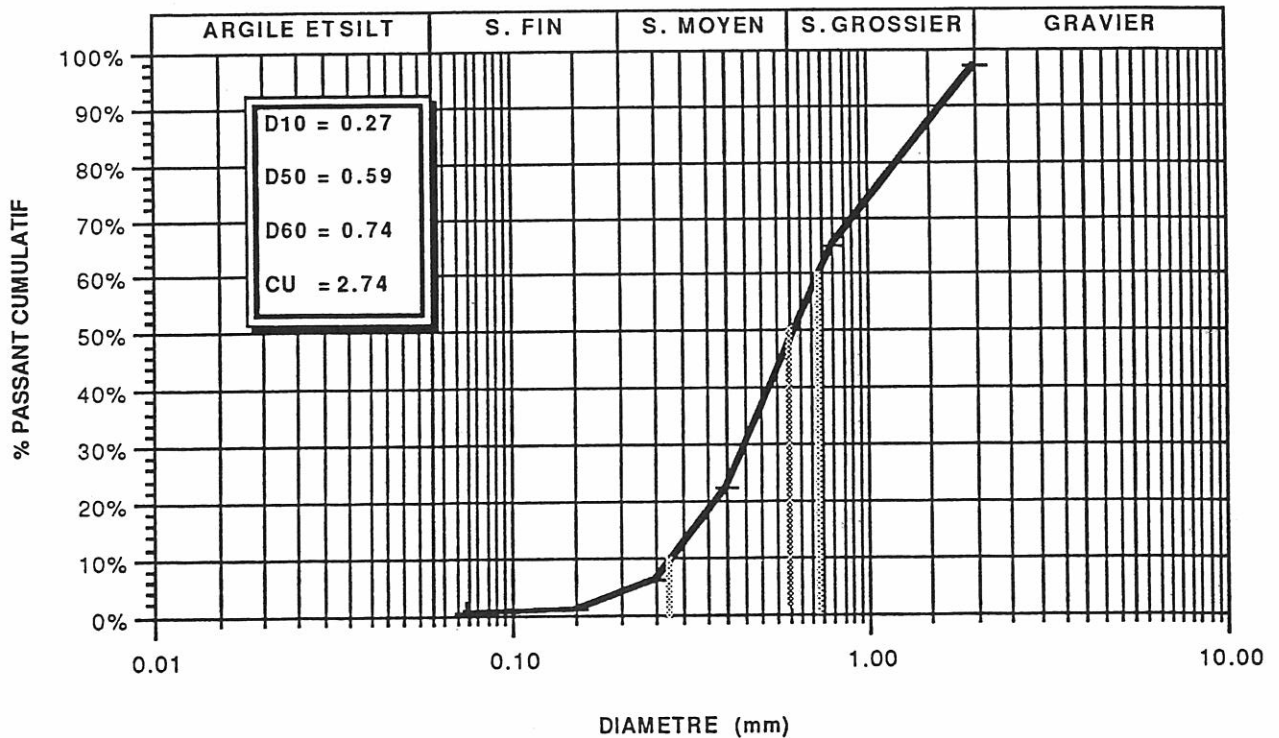
ESSAI GRANULOMÉTRIQUE

PROVENANCE : L.E.S. EST-PORTNEUF
DATE : MAI 1992

PROFONDEUR : 4.57-5.49 m
SONDAGE: P-4

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (gr)	% RETENU	% RETENU CUMULATIF
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
2.00	97.07%	13.60	2.93%	2.93%
0.80	64.91%	149.30	32.16%	35.09%
0.4	22.14%	198.60	42.77%	77.86%
0.25	5.88%	75.50	16.26%	94.12%
0.15	0.84%	23.40	5.04%	99.16%
0.074	0.13%	3.30	0.71%	99.87%
< 0.0074	0.00%	0.60	0.13%	100.00%
TOTAL		464.30		

COURBE GRANULOMÉTRIQUE CUMULATIVE



sable moyen à grossier, traces de sable fin



Consultants
H.G.E. INC.

ESSAI GRANULOMÉTRIQUE

PROVENANCE : L.E.S. EST-PORTNEUF

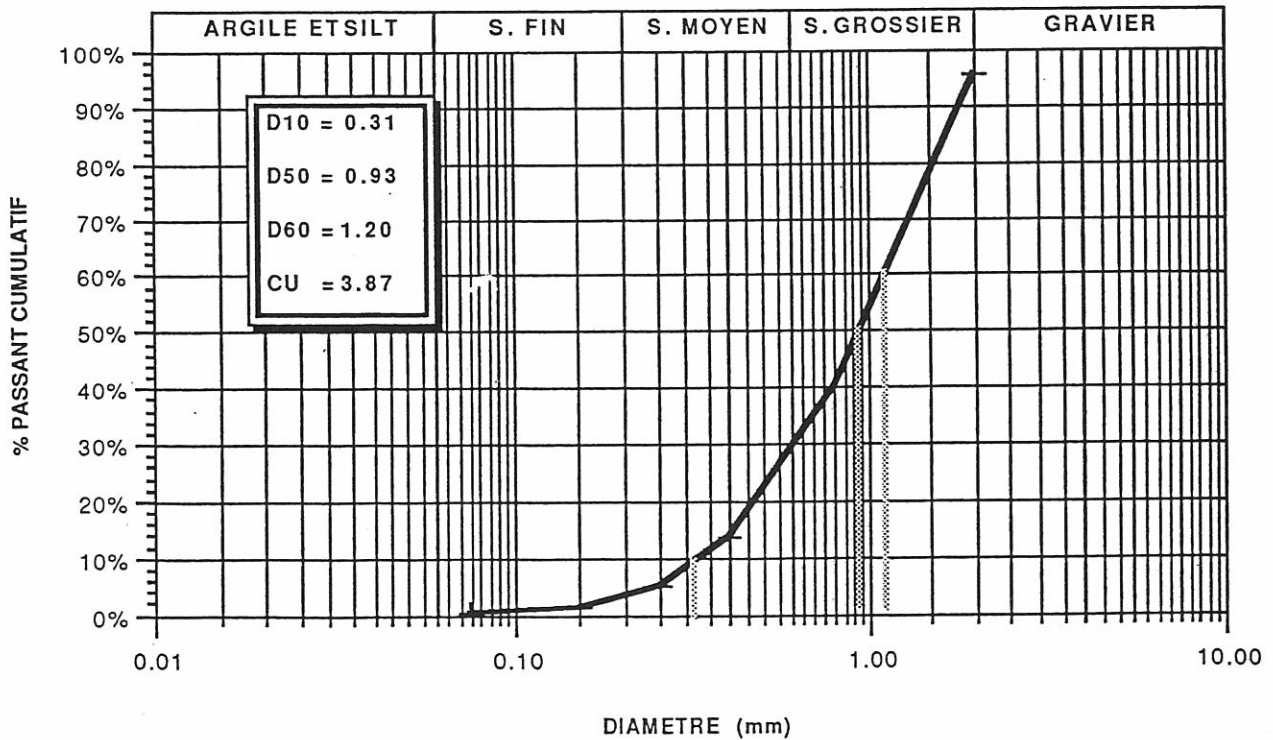
DATE : MAI 1992

PROFONDEUR : 5.49-6.40 m

SONDAGE: P-5

DIAMETRE (mm)	% PASSANT CUMULATIF	POIDS RETENU (gr)	% RETENU	% RETENU CUMULATIF
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
	100.00%	0.00	0.00%	0.00%
2.00	95.62%	24.40	4.38%	4.38%
0.80	39.99%	310.30	55.64%	60.01%
0.4	13.97%	145.10	26.02%	86.03%
0.25	5.29%	48.40	8.68%	94.71%
0.15	1.06%	23.60	4.23%	98.94%
0.074	0.14%	5.10	0.91%	99.86%
< 0.0074	0.00%	0.80	0.14%	100.00%
TOTAL		557.70		

COURBE GRANULOMÉTRIQUE CUMULATIVE



sable grossier, un peu de sable moyen, traces de sable fin