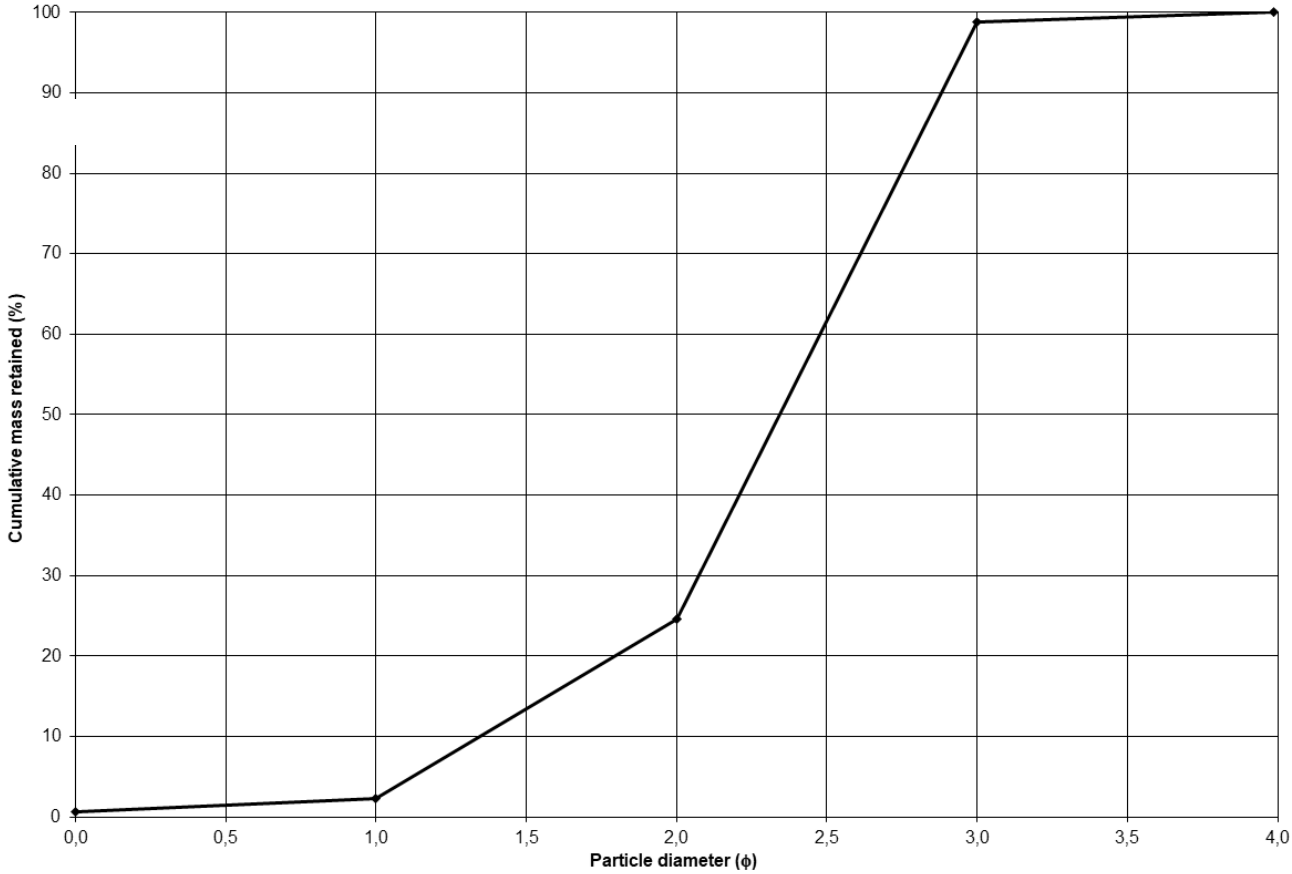
A1-AGOSTO2020



SAMPLE STATISTICS

SAMPLE TYPE: Unimodal, Moderately Well Sorted TEXTURAL GROUP: Sand
SEDIMENT NAME: Moderately Well Sorted Fine Sand

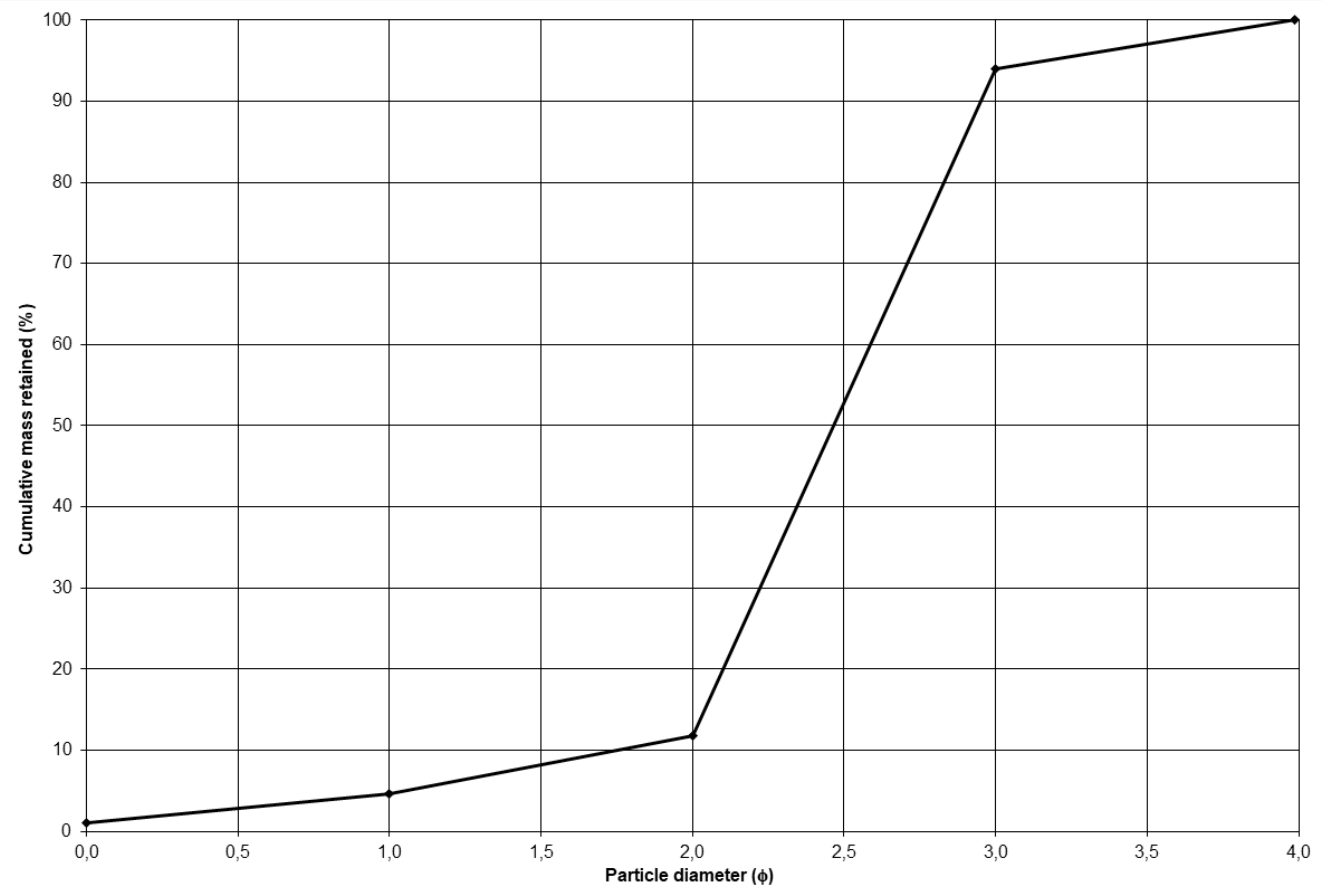
	µm	ϕ
MODE 1:	187,5	2,500
MODE 2:		
MODE 3:		
D_{10}:	135,7	1,345
MEDIAN or D_{50}:	197,2	2,342
D_{90}:	393,7	2,881
(D_{90} / D_{10}):	2,901	2,142
(D_{90} - D_{10}):	258,0	1,536
(D_{75} / D_{25}):	1,595	1,336
(D_{75} - D_{25}):	92,94	0,674

GRAIN SIZE DISTRIBUTION

GRAVEL:	0,0%	COARSE SAND:	2,3%
SAND:	100,0%	MEDIUM SAND:	22,3%
MUD:	0,0%	FINE SAND:	74,2%
		V FINE SAND:	1,2%
V COARSE GRAVEL:	0,0%	V COARSE SILT:	0,0%
COARSE GRAVEL:	0,0%	COARSE SILT:	0,0%
MEDIUM GRAVEL:	0,0%	MEDIUM SILT:	0,0%
FINE GRAVEL:	0,0%	FINE SILT:	0,0%
V FINE GRAVEL:	0,0%	V FINE SILT:	0,0%
V COARSE SAND:	0,0%	CLAY:	0,0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic µm	Geometric µm	Logarithmic ϕ	Geometric µm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	236,2	202,3	2,239	209,9	2,252	Fine Sand
SORTING (σ):	105,0	1,735	0,524	1,488	0,574	Moderately Well Sortec
SKEWNESS (Sk):	2,270	-5,551	-1,495	0,282	-0,282	Coarse Skewed
KURTOSIS (K):	10,39	57,82	5,552	1,112	1,112	Leptokurtic

A2-AGOSTO 2020



SAMPLE STATISTICS

SAMPLE TYPE: Unimodal, Moderately Well Sorted TEXTURAL GROUP: Sand
SEDIMENT NAME: Moderately Well Sorted Fine Sand

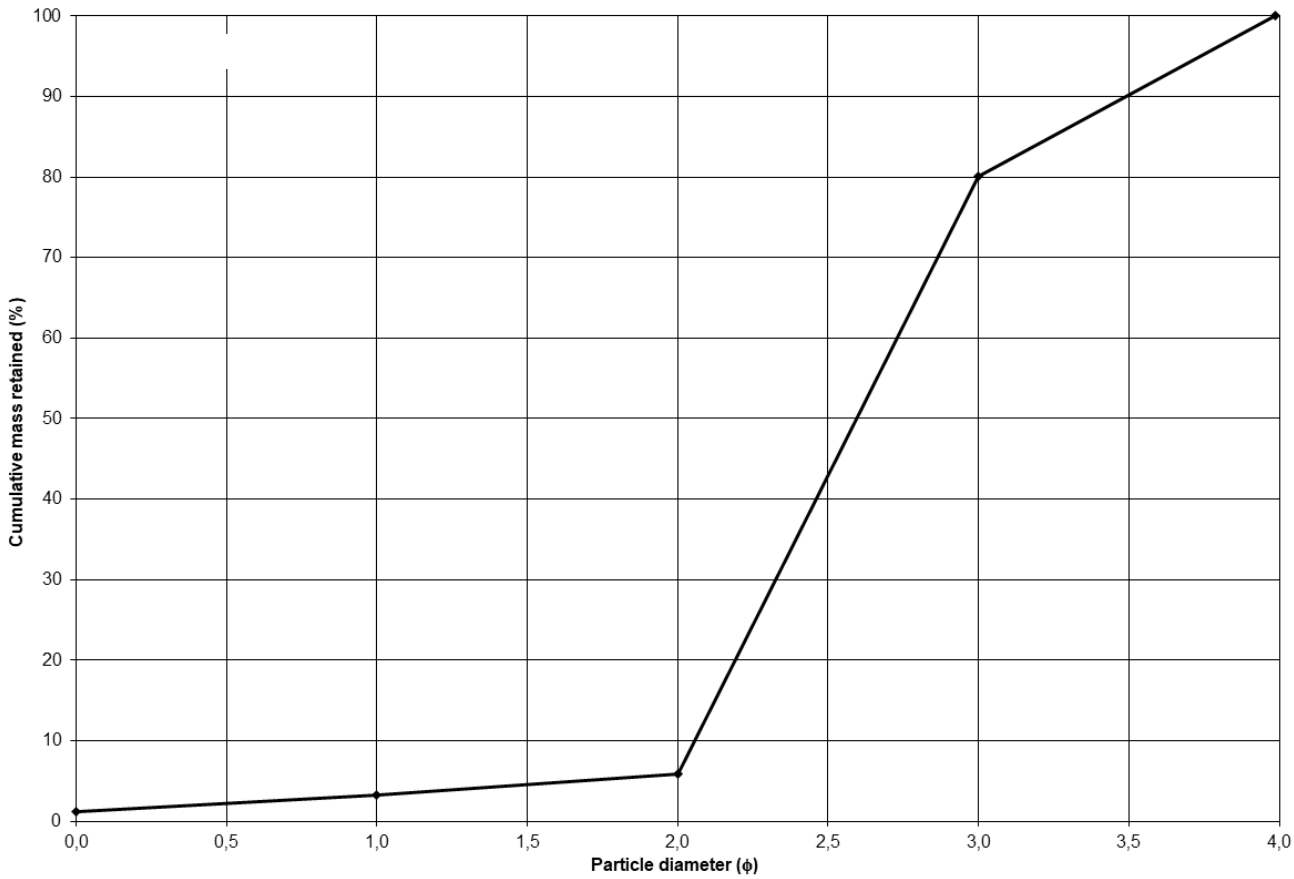
	µm	ϕ
MODE 1:	187,5	2,500
MODE 2:		
MODE 3:		
D_{10}:	129,3	1,755
MEDIAN or D_{50}:	181,1	2,465
D_{90}:	296,2	2,952
(D_{90} / D_{10}):	2,291	1,682
(D_{90} - D_{10}):	166,9	1,196
(D_{75} / D_{25}):	1,524	1,281
(D_{75} - D_{25}):	76,88	0,608

GRAIN SIZE DISTRIBUTION

GRAVEL:	0,0%	COARSE SAND:	4,6%
SAND:	100,0%	MEDIUM SAND:	7,1%
MUD:	0,0%	FINE SAND:	82,2%
		V FINE SAND:	6,0%
V COARSE GRAVEL:	0,0%	V COARSE SILT:	0,0%
COARSE GRAVEL:	0,0%	COARSE SILT:	0,0%
MEDIUM GRAVEL:	0,0%	MEDIUM SILT:	0,0%
FINE GRAVEL:	0,0%	FINE SILT:	0,0%
V FINE GRAVEL:	0,0%	V FINE SILT:	0,0%
V COARSE SAND:	0,0%	CLAY:	0,0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic µm	Geometric µm	Logarithmic ϕ	Geometric µm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	213,5	177,6	2,391	181,1	2,465	Fine Sand
SORTING (σ):	118,6	1,893	0,572	1,441	0,527	Moderately Well Sorted
SKEWNESS (Sk):	3,370	-5,123	-1,885	0,168	-0,168	Coarse Skewed
KURTOSIS (K):	15,43	45,62	8,708	1,424	1,424	Leptokurtic

A3-AGOSTO 2020



SAMPLE STATISTICS

SAMPLE TYPE: Unimodal, Moderately Well Sorted TEXTURAL GROUP: Sand
SEDIMENT NAME: Moderately Well Sorted Fine Sand

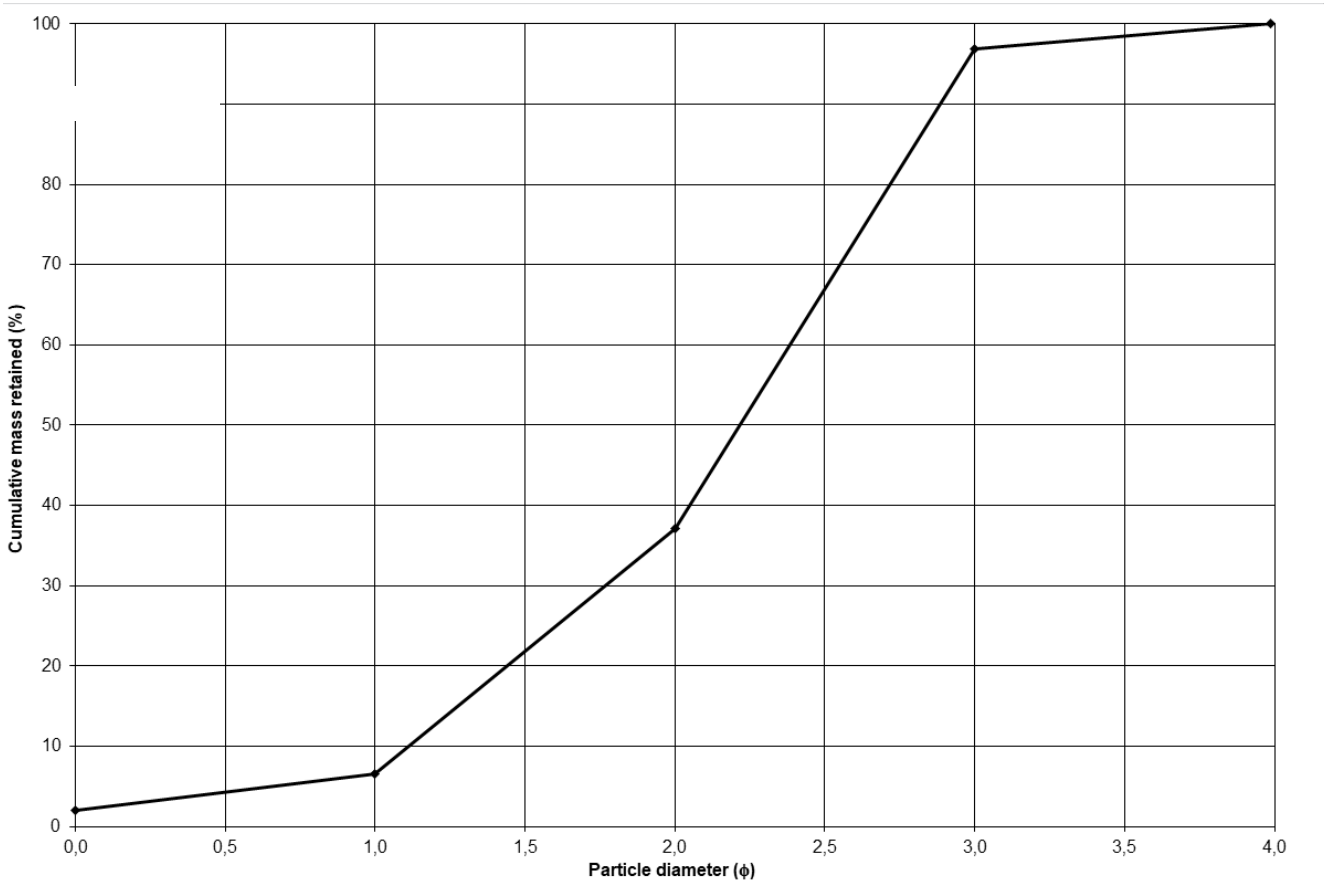
	µm	ϕ
MODE 1:	187,5	2,500
MODE 2:		
MODE 3:		
D_{10}:	88,79	2,056
MEDIAN or D_{50}:	165,5	2,595
D_{90}:	240,4	3,494
(D_{90} / D_{10}):	2,708	1,699
(D_{90} - D_{10}):	151,6	1,437
(D_{75} / D_{25}):	1,595	1,298
(D_{75} - D_{25}):	77,99	0,674

GRAIN SIZE DISTRIBUTION

GRAVEL:	0,0%	COARSE SAND:	3,2%
SAND:	100,0%	MEDIUM SAND:	2,6%
MUD:	0,0%	FINE SAND:	74,2%
		V FINE SAND:	20,0%
V COARSE GRAVEL:	0,0%	V COARSE SILT:	0,0%
COARSE GRAVEL:	0,0%	COARSE SILT:	0,0%
MEDIUM GRAVEL:	0,0%	MEDIUM SILT:	0,0%
FINE GRAVEL:	0,0%	FINE SILT:	0,0%
V FINE GRAVEL:	0,0%	V FINE SILT:	0,0%
V COARSE SAND:	0,0%	CLAY:	0,0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic µm	Geometric µm	Logarithmic ϕ	Geometric µm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	183,0	151,7	2,602	160,1	2,643	Fine Sand
SORTING (σ):	97,59	1,942	0,607	1,491	0,577	Moderately Well Sorted
SKEWNESS (Sk):	3,979	-4,920	-1,306	-0,124	0,124	Fine Skewed
KURTOSIS (K):	23,98	39,57	8,143	1,252	1,252	Leptokurtic

B1 -AGOSTO 2020



SAMPLE STATISTICS

SAMPLE TYPE: Unimodal, Moderately Sorted TEXTURAL GROUP: Sand
SEDIMENT NAME: Moderately Sorted Fine Sand

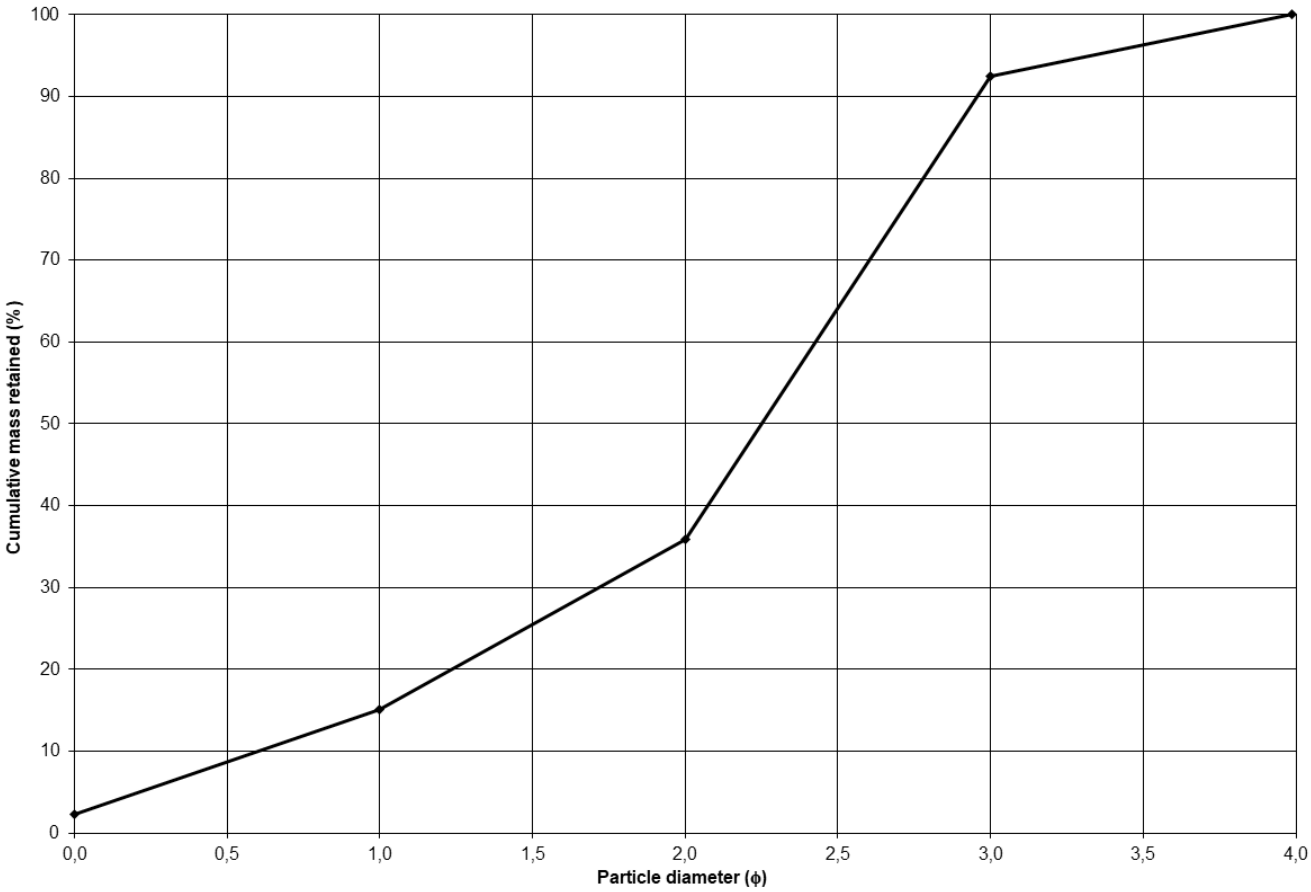
	µm	ϕ
MODE 1:	187,5	2,500
MODE 2:		
MODE 3:		
D_{10}:	135,4	1,112
MEDIAN or D_{50}:	215,3	2,215
D_{90}:	462,7	2,885
(D_{90} / D_{10}):	3,418	2,595
(D_{90} - D_{10}):	327,4	1,773
(D_{75} / D_{25}):	2,043	1,643
(D_{75} - D_{25}):	168,1	1,031

GRAIN SIZE DISTRIBUTION

GRAVEL:	0,0%	COARSE SAND:	6,6%
SAND:	100,0%	MEDIUM SAND:	30,5%
MUD:	0,0%	FINE SAND:	59,8%
		V FINE SAND:	3,1%
V COARSE GRAVEL:	0,0%	V COARSE SILT:	0,0%
COARSE GRAVEL:	0,0%	COARSE SILT:	0,0%
MEDIUM GRAVEL:	0,0%	MEDIUM SILT:	0,0%
FINE GRAVEL:	0,0%	FINE SILT:	0,0%
V FINE GRAVEL:	0,0%	V FINE SILT:	0,0%
V COARSE SAND:	0,0%	CLAY:	0,0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic µm	Geometric µm	Logarithmic ϕ	Geometric µm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	264,2	206,0	2,084	232,8	2,103	Fine Sand
SORTING (σ):	143,0	2,379	0,686	1,646	0,719	Moderately Sorted
SKEWNESS (Sk):	1,687	-4,371	-0,903	0,289	-0,289	Coarse Skewed
KURTOSIS (K):	6,609	28,21	3,779	0,919	0,919	Mesokurtic

B2 – AGOSTO 2020



SAMPLE STATISTICS

SAMPLE TYPE: Unimodal, Moderately Sorted TEXTURAL GROUP: Sand
SEDIMENT NAME: Moderately Sorted Fine Sand

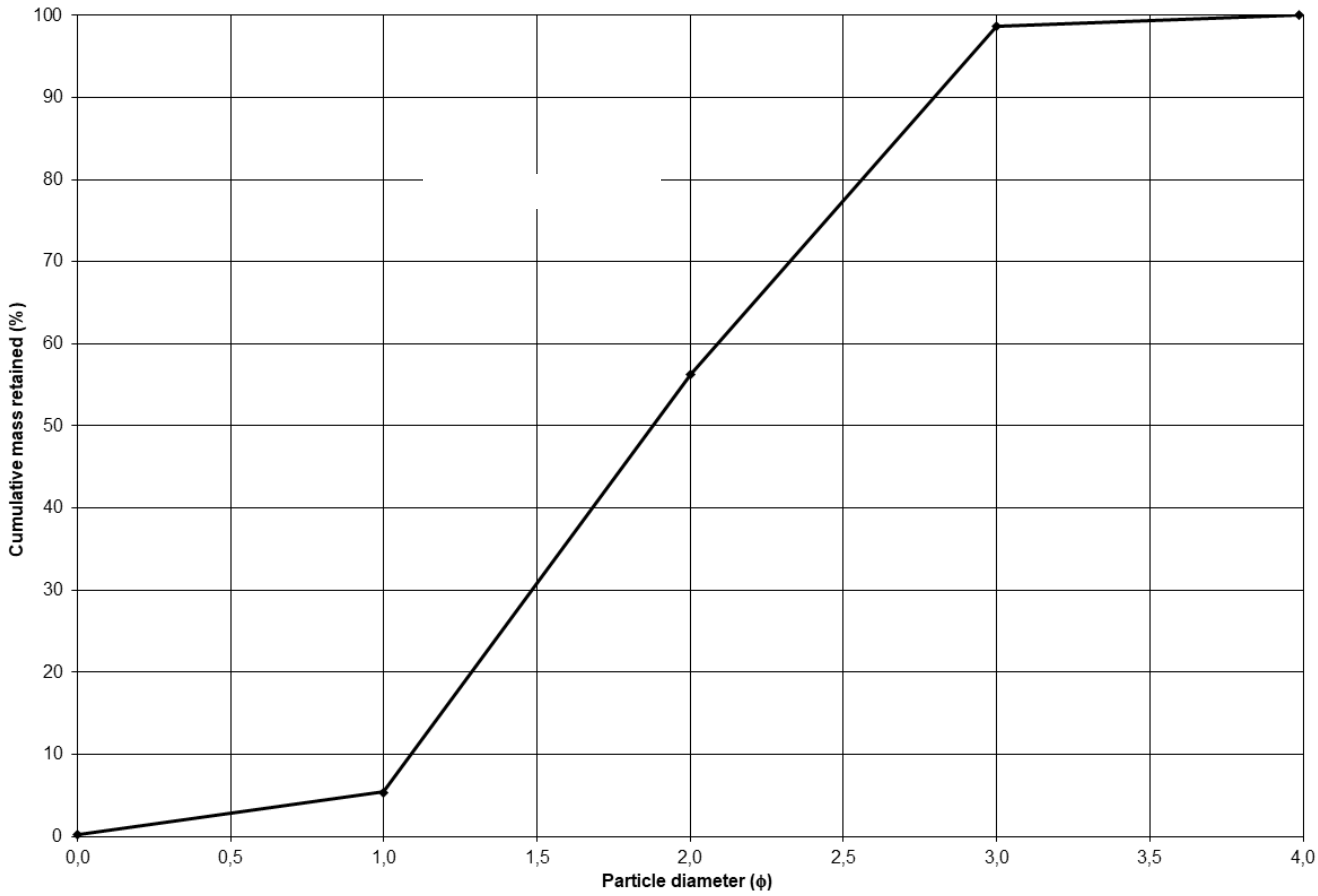
	µm	ϕ
MODE 1:	187,5	2,500
MODE 2:		
MODE 3:		
D_{10}:	128,8	0,603
MEDIAN or D_{50}:	210,3	2,250
D_{90}:	658,6	2,956
(D_{90} / D_{10}):	5,112	4,907
(D_{90} - D_{10}):	529,8	2,354
(D_{75} / D_{25}):	2,321	1,823
(D_{75} - D_{25}):	204,5	1,215

GRAIN SIZE DISTRIBUTION

GRAVEL:	0,0%	COARSE SAND:	15,1%
SAND:	100,0%	MEDIUM SAND:	20,8%
MUD:	0,0%	FINE SAND:	56,6%
		V FINE SAND:	7,5%
V COARSE GRAVEL:	0,0%	V COARSE SILT:	0,0%
COARSE GRAVEL:	0,0%	COARSE SILT:	0,0%
MEDIUM GRAVEL:	0,0%	MEDIUM SILT:	0,0%
FINE GRAVEL:	0,0%	FINE SILT:	0,0%
V FINE GRAVEL:	0,0%	V FINE SILT:	0,0%
V COARSE SAND:	0,0%	CLAY:	0,0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic µm	Geometric µm	Logarithmic ϕ	Geometric µm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	287,3	205,9	2,054	241,8	2,048	Fine Sand
SORTING (σ):	198,5	2,672	0,859	1,898	0,924	Moderately Sorted
SKEWNESS (Sk):	1,433	-3,371	-0,691	0,321	-0,321	Very Coarse Skewed
KURTOSIS (K):	4,000	19,95	2,786	1,053	1,053	Mesokurtic

B3 – AGOSTO 2020



SAMPLE STATISTICS

SAMPLE TYPE: Unimodal, Moderately Well Sorted TEXTURAL GROUP: Sand
SEDIMENT NAME: Moderately Well Sorted Medium Sand

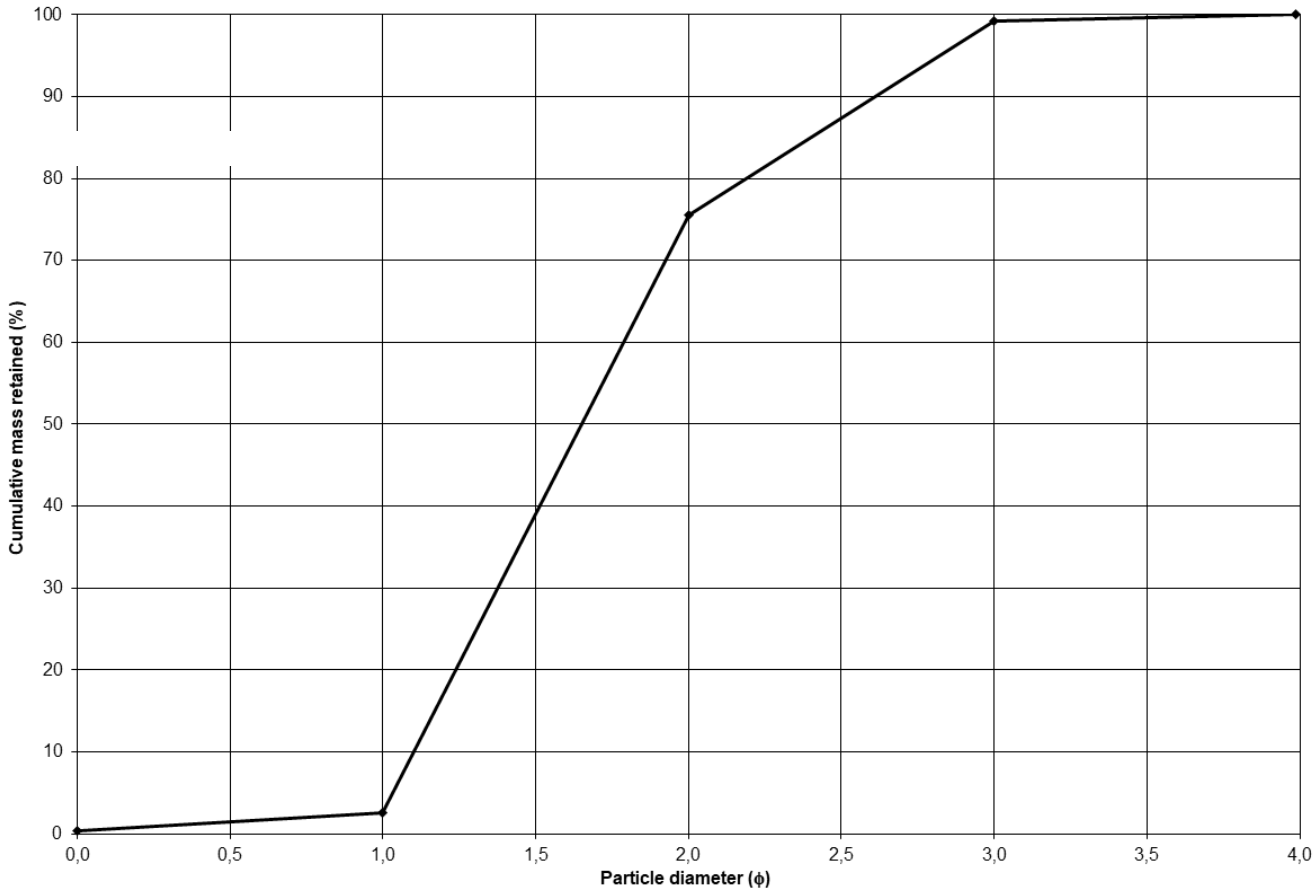
	µm	ϕ
MODE 1:	375,0	1,500
MODE 2:		
MODE 3:		
D_{10}:	143,9	1,091
MEDIAN or D_{50}:	272,2	1,877
D_{90}:	469,5	2,797
(D_{90} / D_{10}):	3,263	2,564
(D_{90} - D_{10}):	325,6	1,706
(D_{75} / D_{25}):	2,081	1,763
(D_{75} - D_{25}):	198,8	1,057

GRAIN SIZE DISTRIBUTION

GRAVEL:	0,0%	COARSE SAND:	5,4%
SAND:	100,0%	MEDIUM SAND:	50,8%
MUD:	0,0%	FINE SAND:	42,4%
		V FINE SAND:	1,4%
V COARSE GRAVEL:	0,0%	V COARSE SILT:	0,0%
COARSE GRAVEL:	0,0%	COARSE SILT:	0,0%
MEDIUM GRAVEL:	0,0%	MEDIUM SILT:	0,0%
FINE GRAVEL:	0,0%	FINE SILT:	0,0%
V FINE GRAVEL:	0,0%	V FINE SILT:	0,0%
V COARSE SAND:	0,0%	CLAY:	0,0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic µm	Geometric µm	Logarithmic ϕ	Geometric µm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	310,6	265,6	1,897	265,4	1,914	Medium Sand
SORTING (σ):	139,4	1,613	0,615	1,583	0,663	Moderately Well Sorted
SKEWNESS (Sk):	1,324	-2,416	-0,152	-0,060	0,060	Symmetrical
KURTOSIS (K):	5,562	31,30	2,661	0,771	0,771	Platykurtic

C1 - AGOSTO 2020



SAMPLE STATISTICS

SAMPLE TYPE: Unimodal, Moderately Well Sorted TEXTURAL GROUP: Sand
SEDIMENT NAME: Moderately Well Sorted Medium Sand

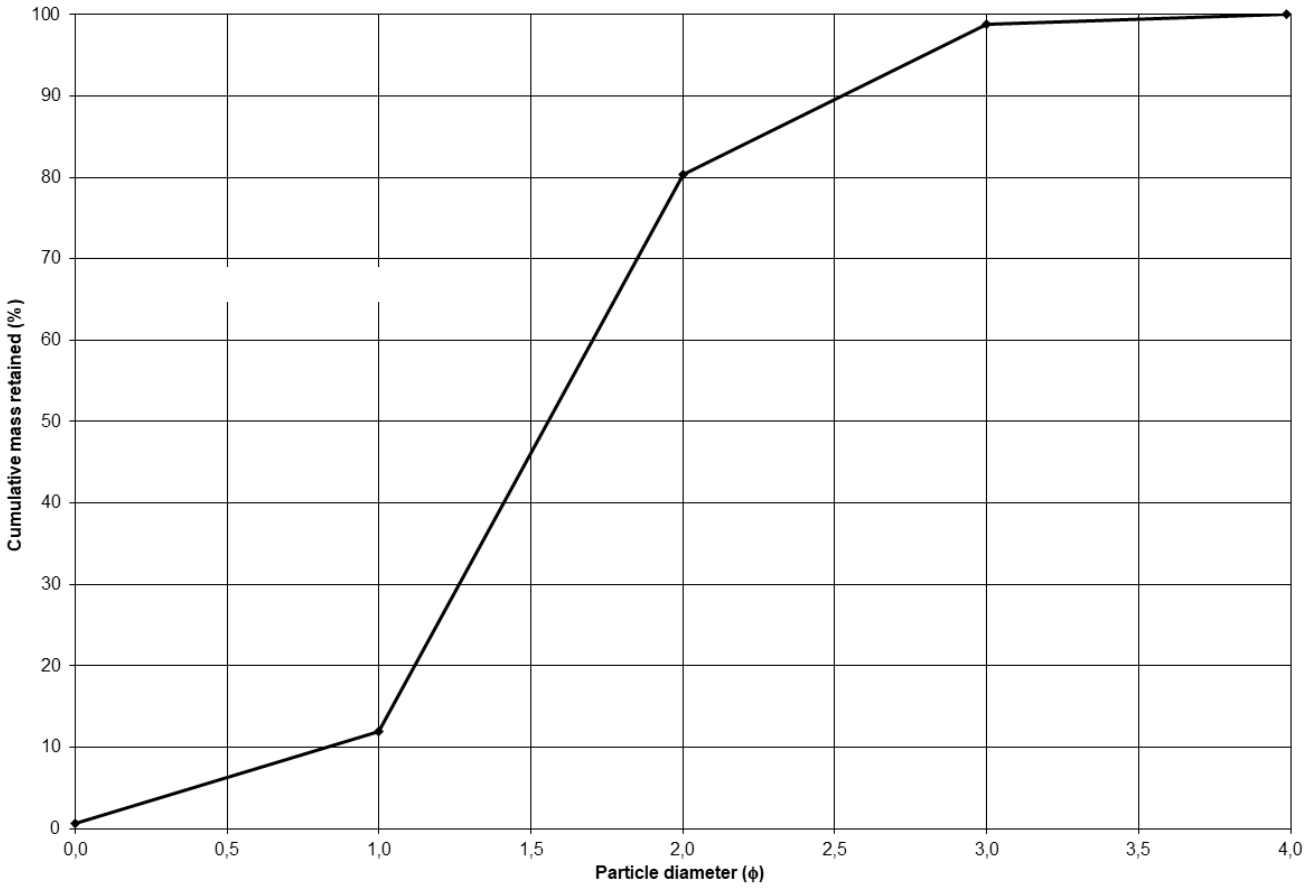
	µm	ϕ
MODE 1:	375,0	1,500
MODE 2:		
MODE 3:		
D_{10}:	163,8	1,101
MEDIAN or D_{50}:	318,7	1,650
D_{90}:	466,1	2,610
(D_{90} / D_{10}):	2,845	2,370
(D_{90} - D_{10}):	302,3	1,509
(D_{75} / D_{25}):	1,608	1,524
(D_{75} - D_{25}):	152,8	0,685

GRAIN SIZE DISTRIBUTION

GRAVEL:	0,0%	COARSE SAND:	2,6%
SAND:	100,0%	MEDIUM SAND:	73,0%
MUD:	0,0%	FINE SAND:	23,7%
		V FINE SAND:	0,8%
V COARSE GRAVEL:	0,0%	V COARSE SILT:	0,0%
COARSE GRAVEL:	0,0%	COARSE SILT:	0,0%
MEDIUM GRAVEL:	0,0%	MEDIUM SILT:	0,0%
FINE GRAVEL:	0,0%	FINE SILT:	0,0%
V FINE GRAVEL:	0,0%	V FINE SILT:	0,0%
V COARSE SAND:	0,0%	CLAY:	0,0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic µm	Geometric µm	Logarithmic ϕ	Geometric µm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	335,3	294,5	1,724	301,5	1,730	Medium Sand
SORTING (σ):	105,0	1,636	0,498	1,479	0,564	Moderately Well Sorted
SKEWNESS (Sk):	0,521	-6,328	0,681	-0,258	0,258	Fine Skewed
KURTOSIS (K):	6,963	71,38	4,027	1,070	1,070	Mesokurtic

C2 -AGOSTO 2020



SAMPLE STATISTICS

SAMPLE TYPE: Unimodal, Moderately Well Sorted TEXTURAL GROUP: Sand
SEDIMENT NAME: Moderately Well Sorted Medium Sand

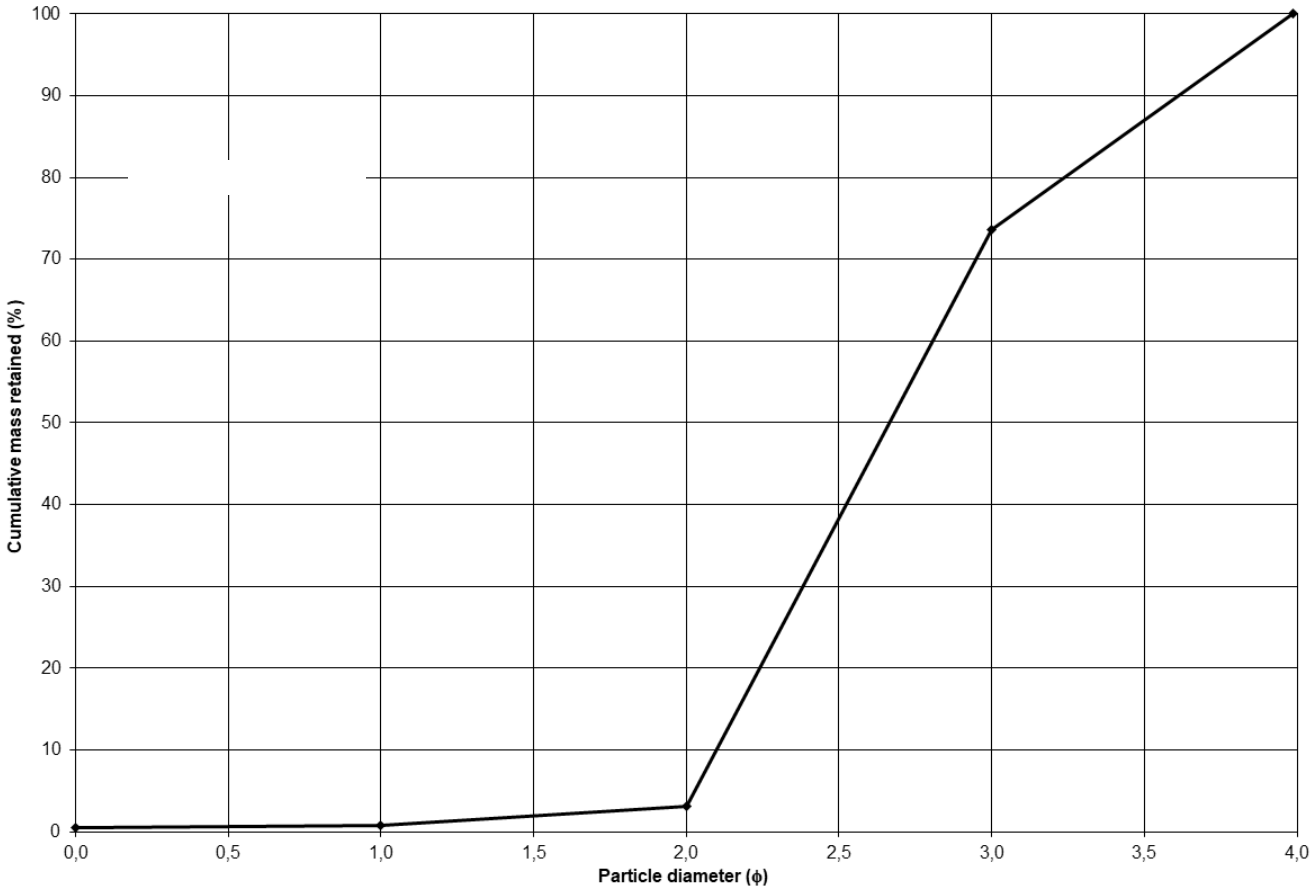
	µm	ϕ
MODE 1:	375,0	1,500
MODE 2:		
MODE 3:		
D_{10}:	174,0	0,833
MEDIAN or D_{50}:	340,0	1,556
D_{90}:	561,4	2,523
(D_{90} / D_{10}):	3,227	3,029
(D_{90} - D_{10}):	387,4	1,690
(D_{75} / D_{25}):	1,658	1,612
(D_{75} - D_{25}):	173,8	0,730

GRAIN SIZE DISTRIBUTION

GRAVEL:	0,0%	COARSE SAND:	11,9%
SAND:	100,0%	MEDIUM SAND:	68,5%
MUD:	0,0%	FINE SAND:	18,3%
		V FINE SAND:	1,3%
V COARSE GRAVEL:	0,0%	V COARSE SILT:	0,0%
COARSE GRAVEL:	0,0%	COARSE SILT:	0,0%
MEDIUM GRAVEL:	0,0%	MEDIUM SILT:	0,0%
FINE GRAVEL:	0,0%	FINE SILT:	0,0%
V FINE GRAVEL:	0,0%	V FINE SILT:	0,0%
V COARSE SAND:	0,0%	CLAY:	0,0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic µm	Geometric µm	Logarithmic ϕ	Geometric µm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	377,0	319,0	1,587	329,0	1,604	Medium Sand
SORTING (σ):	155,4	1,837	0,594	1,568	0,649	Moderately Well Sorted
SKEWNESS (Sk):	1,060	-5,326	0,277	-0,078	0,078	Symmetrical
KURTOSIS (K):	4,499	50,96	3,955	1,352	1,352	Leptokurtic

C3 – AGOSTO 2020



SAMPLE STATISTICS

SAMPLE TYPE: Unimodal, Moderately Well Sorted TEXTURAL GROUP: Sand
SEDIMENT NAME: Moderately Well Sorted Fine Sand

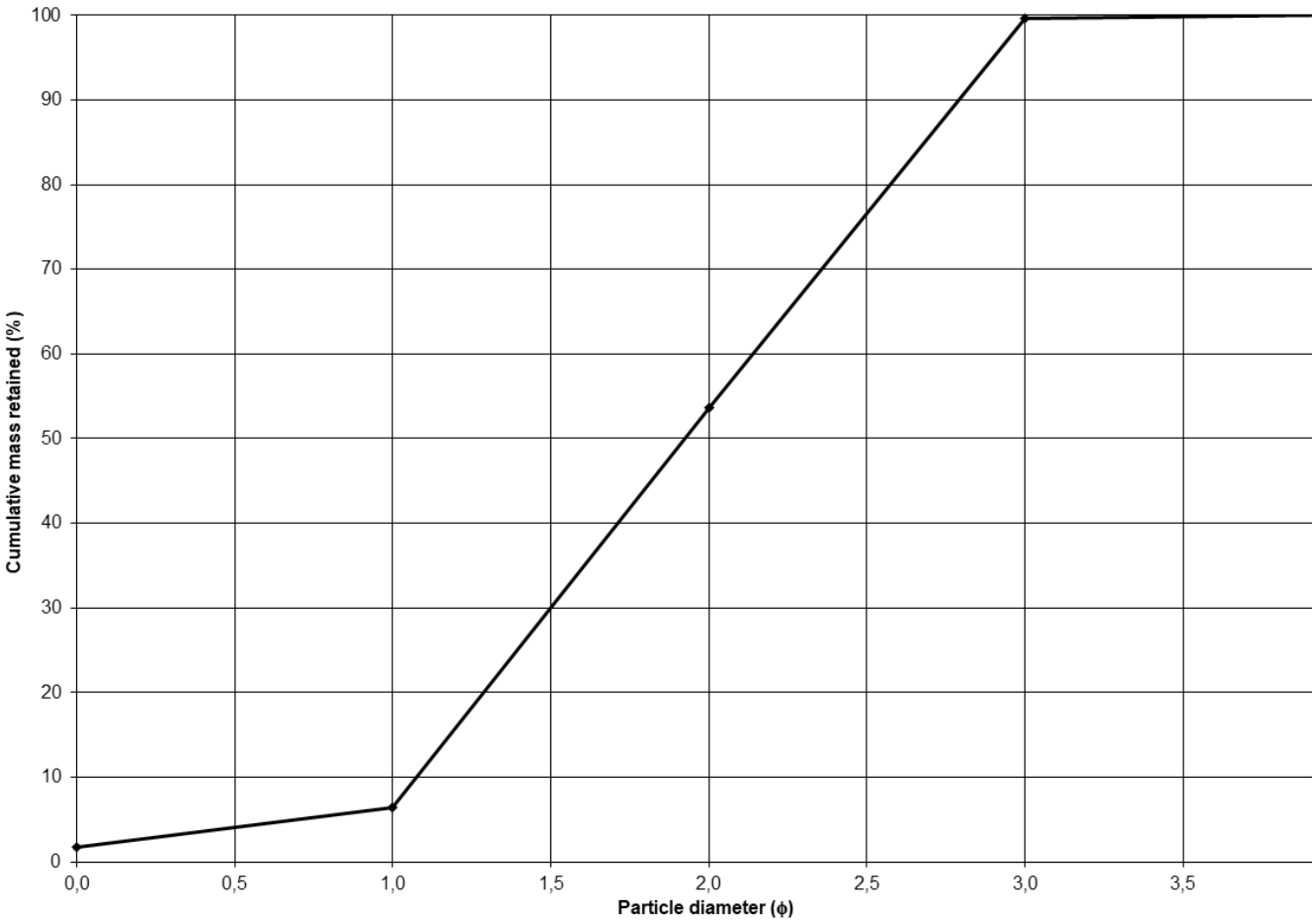
	µm	ϕ
MODE 1:	187,5	2,500
MODE 2:		
MODE 3:		
D_{10}:	81,67	2,098
MEDIAN or D_{50}:	157,6	2,665
D_{90}:	233,6	3,614
(D_{90} / D_{10}):	2,860	1,722
(D_{90} - D_{10}):	151,9	1,516
(D_{75} / D_{25}):	1,672	1,321
(D_{75} - D_{25}):	80,99	0,741

GRAIN SIZE DISTRIBUTION

GRAVEL:	0,0%	COARSE SAND:	0,8%
SAND:	100,0%	MEDIUM SAND:	2,3%
MUD:	0,0%	FINE SAND:	70,5%
		V FINE SAND:	26,4%
V COARSE GRAVEL:	0,0%	V COARSE SILT:	0,0%
COARSE GRAVEL:	0,0%	COARSE SILT:	0,0%
MEDIUM GRAVEL:	0,0%	MEDIUM SILT:	0,0%
FINE GRAVEL:	0,0%	FINE SILT:	0,0%
V FINE GRAVEL:	0,0%	V FINE SILT:	0,0%
V COARSE SAND:	0,0%	CLAY:	0,0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic µm	Geometric µm	Logarithmic ϕ	Geometric µm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	168,1	146,9	2,722	149,1	2,746	Fine Sand
SORTING (σ):	62,90	1,616	0,526	1,485	0,570	Moderately Well Sorted
SKEWNESS (Sk):	2,968	-5,115	-0,384	-0,241	0,241	Fine Skewed
KURTOSIS (K):	27,96	54,10	6,243	0,981	0,981	Mesokurtic

D1 – AGOSTO 2020



SAMPLE STATISTICS

SAMPLE TYPE: Unimodal, Moderately Well Sorted TEXTURAL GROUP: Sand
SEDIMENT NAME: Moderately Well Sorted Medium Sand

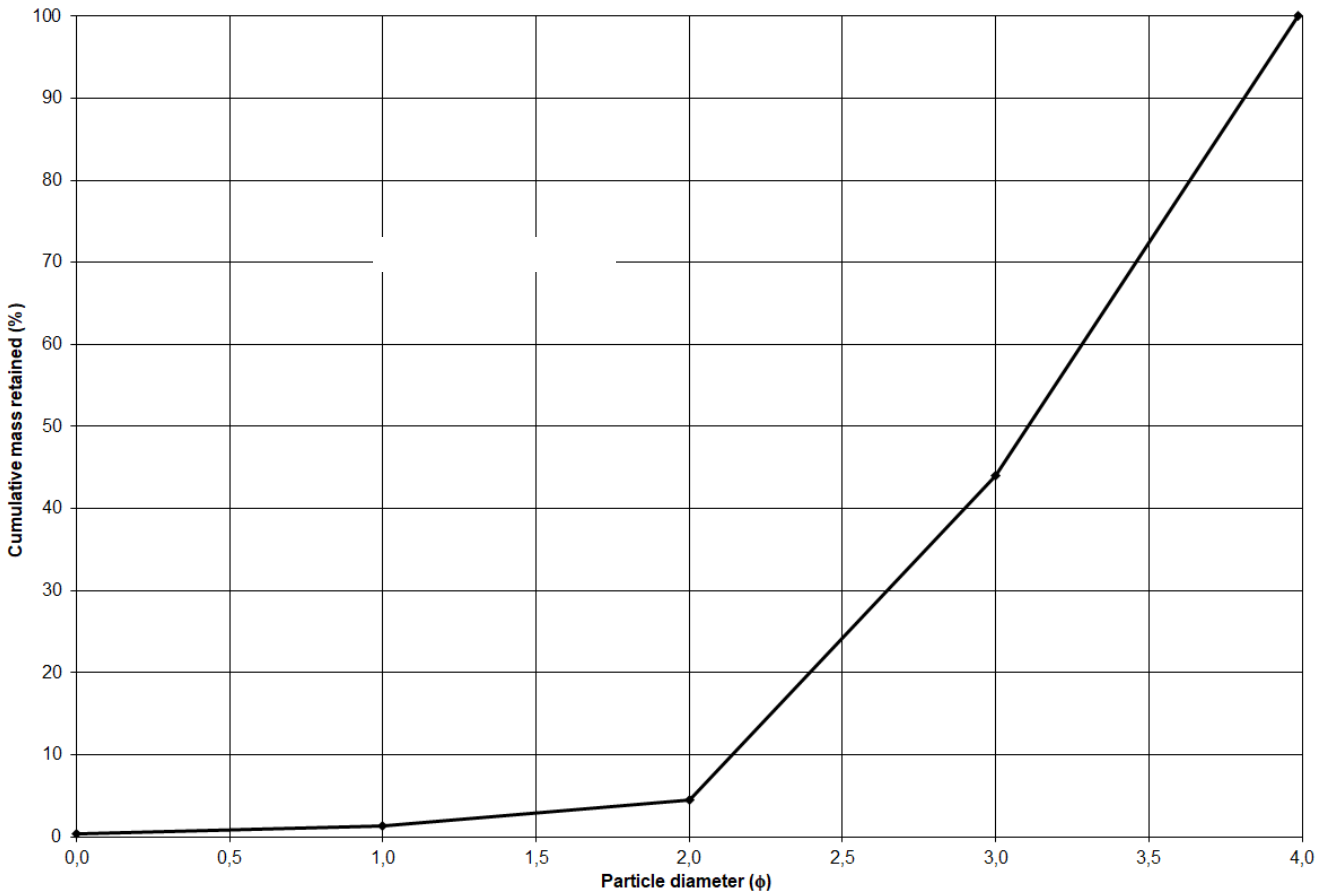
	µm	ϕ
MODE 1:	375,0	1,500
MODE 2:		
MODE 3:		
D_{10}:	144,6	1,075
MEDIAN or D_{50}:	263,9	1,922
D_{90}:	474,5	2,790
(D_{90} / D_{10}):	3,281	2,594
(D_{90} - D_{10}):	329,9	1,714
(D_{75} / D_{25}):	2,100	1,769
(D_{75} - D_{25}):	199,5	1,071

GRAIN SIZE DISTRIBUTION

GRAVEL:	0,0%	COARSE SAND:	6,4%
SAND:	100,0%	MEDIUM SAND:	47,3%
MUD:	0,0%	FINE SAND:	46,0%
		V FINE SAND:	0,3%
V COARSE GRAVEL:	0,0%	V COARSE SILT:	0,0%
COARSE GRAVEL:	0,0%	COARSE SILT:	0,0%
MEDIUM GRAVEL:	0,0%	MEDIUM SILT:	0,0%
FINE GRAVEL:	0,0%	FINE SILT:	0,0%
V FINE GRAVEL:	0,0%	V FINE SILT:	0,0%
V COARSE SAND:	0,0%	CLAY:	0,0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic µm	Geometric µm	Logarithmic ϕ	Geometric µm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	298,8	238,4	1,893	262,8	1,928	Medium Sand
SORTING (σ):	140,2	2,310	0,636	1,623	0,698	Moderately Well Sorted
SKEWNESS (Sk):	1,222	-4,799	-0,616	0,051	-0,051	Symmetrical
KURTOSIS (K):	5,611	32,36	3,039	0,844	0,844	Platykurtic

D2 – AGOSTO 2020



SAMPLE STATISTICS

SAMPLE TYPE: Unimodal, Moderately Well Sorted TEXTURAL GROUP: Sand
SEDIMENT NAME: Moderately Well Sorted Very Fine Sand

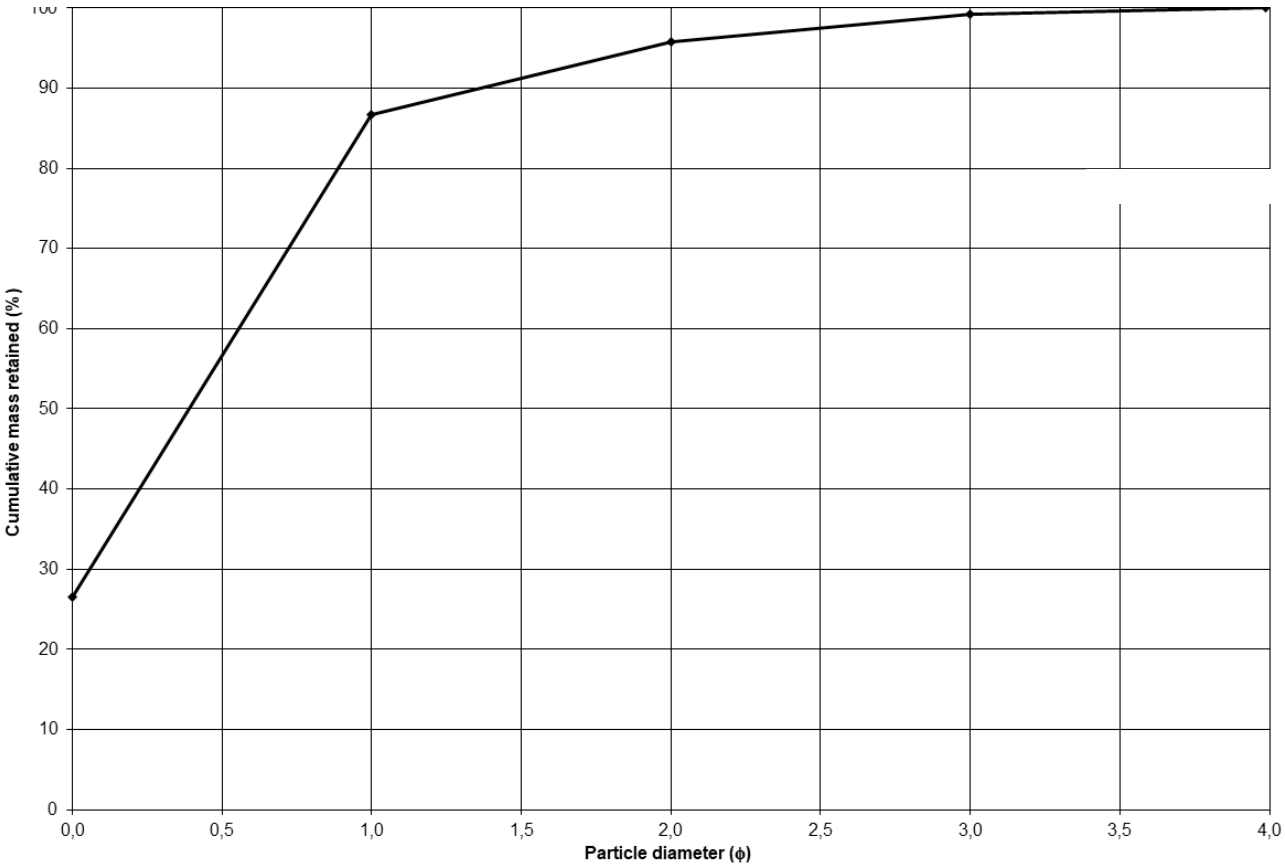
	µm	ϕ
MODE 1:	94,00	3,494
MODE 2:		
MODE 3:		
D_{10}:	71,21	2,139
MEDIAN or D_{50}:	116,2	3,105
D_{90}:	227,0	3,812
(D_{90} / D_{10}):	3,188	1,782
(D_{90} - D_{10}):	155,8	1,673
(D_{75} / D_{25}):	2,040	1,408
(D_{75} - D_{25}):	88,97	1,028

GRAIN SIZE DISTRIBUTION

GRAVEL:	0,0%	COARSE SAND:	1,3%
SAND:	100,0%	MEDIUM SAND:	3,2%
MUD:	0,0%	FINE SAND:	39,5%
		V FINE SAND:	56,0%
V COARSE GRAVEL:	0,0%	V COARSE SILT:	0,0%
COARSE GRAVEL:	0,0%	COARSE SILT:	0,0%
MEDIUM GRAVEL:	0,0%	MEDIUM SILT:	0,0%
FINE GRAVEL:	0,0%	FINE SILT:	0,0%
V FINE GRAVEL:	0,0%	V FINE SILT:	0,0%
V COARSE SAND:	0,0%	CLAY:	0,0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	µm	µm	ϕ	µm	ϕ	
MEAN ($\bar{x}$):	145,9	122,5	2,997	122,1	3,034	Very Fine Sand
SORTING (σ):	85,90	1,651	0,629	1,558	0,640	Moderately Well Sorted
SKEWNESS (Sk):	3,778	-2,141	-1,290	0,154	-0,154	Coarse Skewed
KURTOSIS (K):	24,68	29,63	5,396	0,752	0,752	Platykurtic

D3 -AGOSTO 2020



SAMPLE STATISTICS

SAMPLE TYPE: Unimodal, Moderately Well Sorted TEXTURAL GROUP:
SEDIMENT NAME:

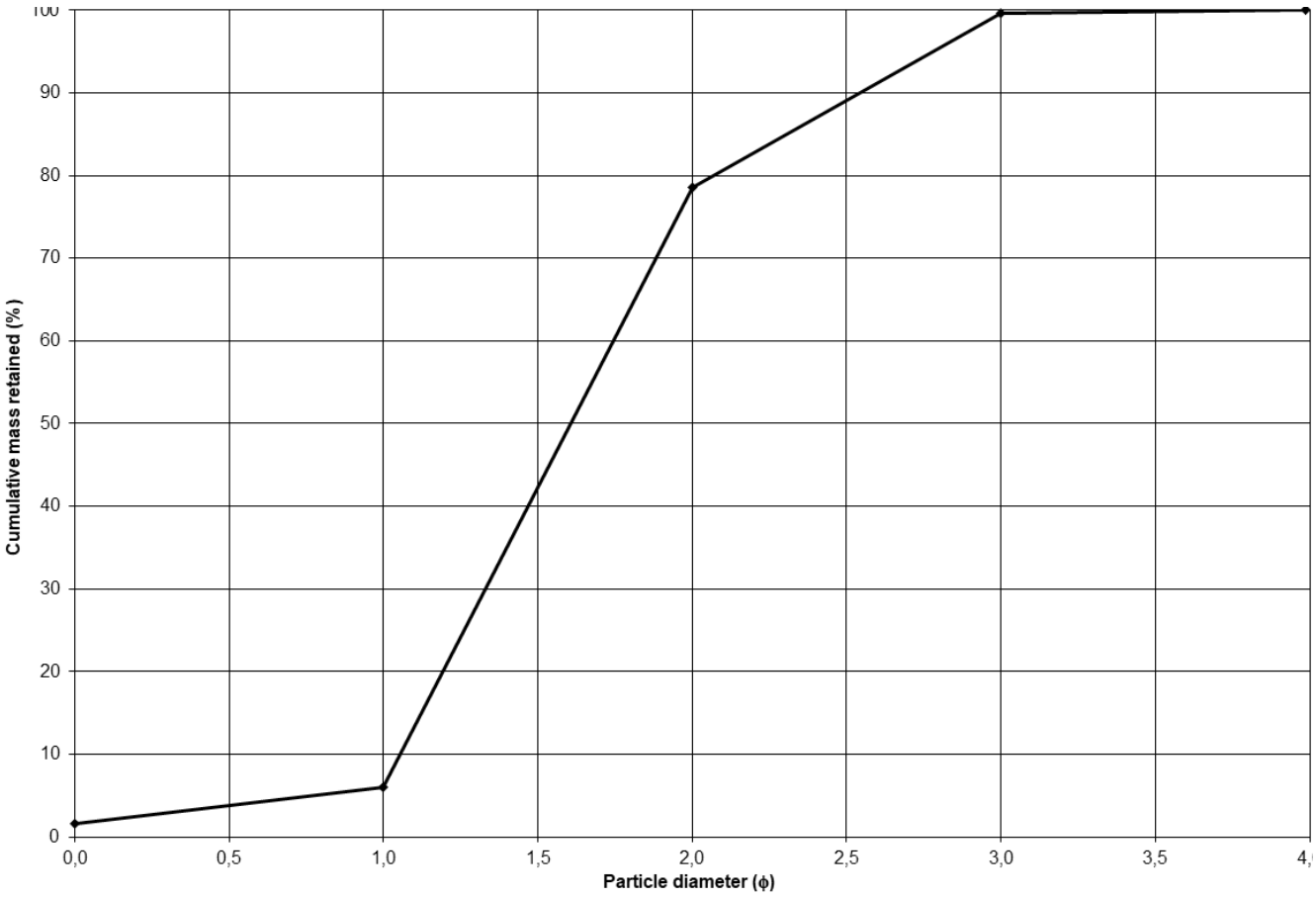
	µm	ϕ
MODE 1:	750,00	0,500
MODE 2:		
MODE 3:		
D_{10}:	387,61	-0,275
MEDIAN or D_{50}:	763,1	0,390
D_{90}:	1210,2	1,367
(D_{90} / D_{10}):		
(D_{90} - D_{10}):		
(D_{75} / D_{25}):		
(D_{75} - D_{25}):		

GRAIN SIZE DISTRIBUTION

GRAVEL:	COARSE SAND:
SAND:	MEDIUM SAND:
MUD:	FINE SAND:
	V FINE SAND:
V COARSE GRAVEL:	V COARSE SILT:
COARSE GRAVEL:	COARSE SILT:
MEDIUM GRAVEL:	MEDIUM SILT:
FINE GRAVEL:	FINE SILT:
V FINE GRAVEL:	V FINE SILT:
V COARSE SAND:	CLAY:

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic µm	Geometric µm	Logarithmic ϕ	Geometric µm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	492,1	109,0	0,551	732,8	0,449	Coarse Sand
SORTING (σ):	331,67	17,157	0,604	1,444	0,530	Moderately Well Sorted
SKEWNESS (Sk):	-0,630	-1,016	2,238	-0,389	0,389	Very Fine Skewed
KURTOSIS (K):	1,55	2,09	8,999	0,976	0,976	Mesokurtic

E1 – AGOSTO 2020



SAMPLE STATISTICS

SAMPLE TYPE: Unimodal, Moderately Well Sorted TEXTURAL GROUP: Sand
SEDIMENT NAME: Moderately Well Sorted Medium Sand

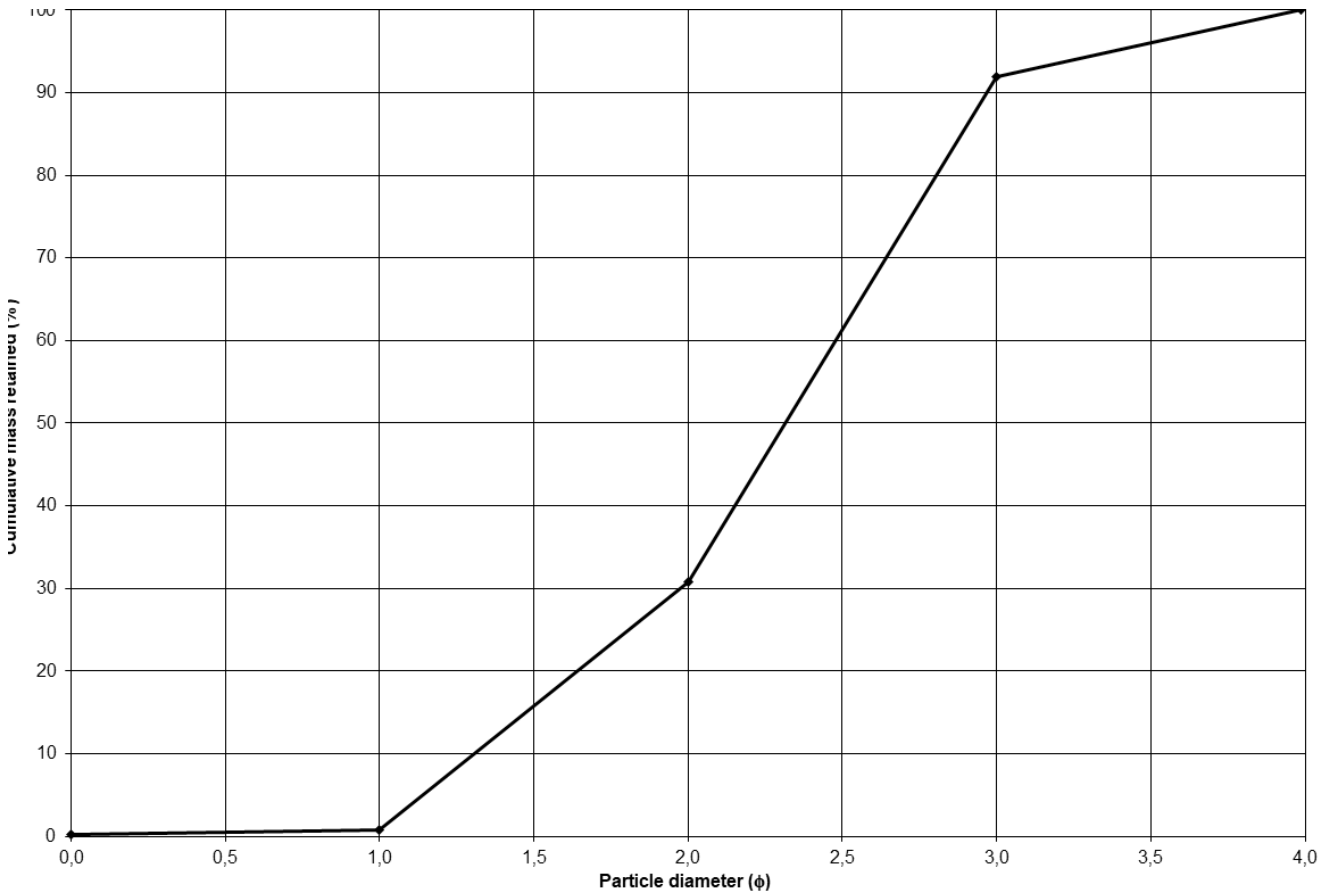
	µm	ϕ
MODE 1:	375,0	1,500
MODE 2:		
MODE 3:		
D_{10}:	171,5	1,054
MEDIAN or D_{50}:	328,5	1,606
D_{90}:	481,5	2,543
(D_{90} / D_{10}):	2,807	2,412
(D_{90} - D_{10}):	309,9	1,489
(D_{75} / D_{25}):	1,613	1,547
(D_{75} - D_{25}):	158,5	0,689

GRAIN SIZE DISTRIBUTION

GRAVEL:	0,0%	COARSE SAND:	6,1%
SAND:	100,0%	MEDIUM SAND:	72,5%
MUD:	0,0%	FINE SAND:	21,0%
		V FINE SAND:	0,4%
V COARSE GRAVEL:	0,0%	V COARSE SILT:	0,0%
COARSE GRAVEL:	0,0%	COARSE SILT:	0,0%
MEDIUM GRAVEL:	0,0%	MEDIUM SILT:	0,0%
FINE GRAVEL:	0,0%	FINE SILT:	0,0%
V FINE GRAVEL:	0,0%	V FINE SILT:	0,0%
V COARSE SAND:	0,0%	CLAY:	0,0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic µm	Geometric µm	Logarithmic ϕ	Geometric µm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	345,3	285,8	1,650	314,9	1,667	Medium Sand
SORTING (σ):	123,8	2,209	0,533	1,501	0,586	Moderately Well Sorted
SKEWNESS (Sk):	0,761	-5,711	0,086	-0,165	0,165	Fine Skewed
KURTOSIS (K):	6,681	41,03	4,360	1,198	1,198	Leptokurtic

E2 – AGOSTO 2020



SAMPLE STATISTICS

SAMPLE TYPE: Unimodal, Moderately Well Sorted TEXTURAL GROUP: Sand
SEDIMENT NAME: Moderately Well Sorted Fine Sand

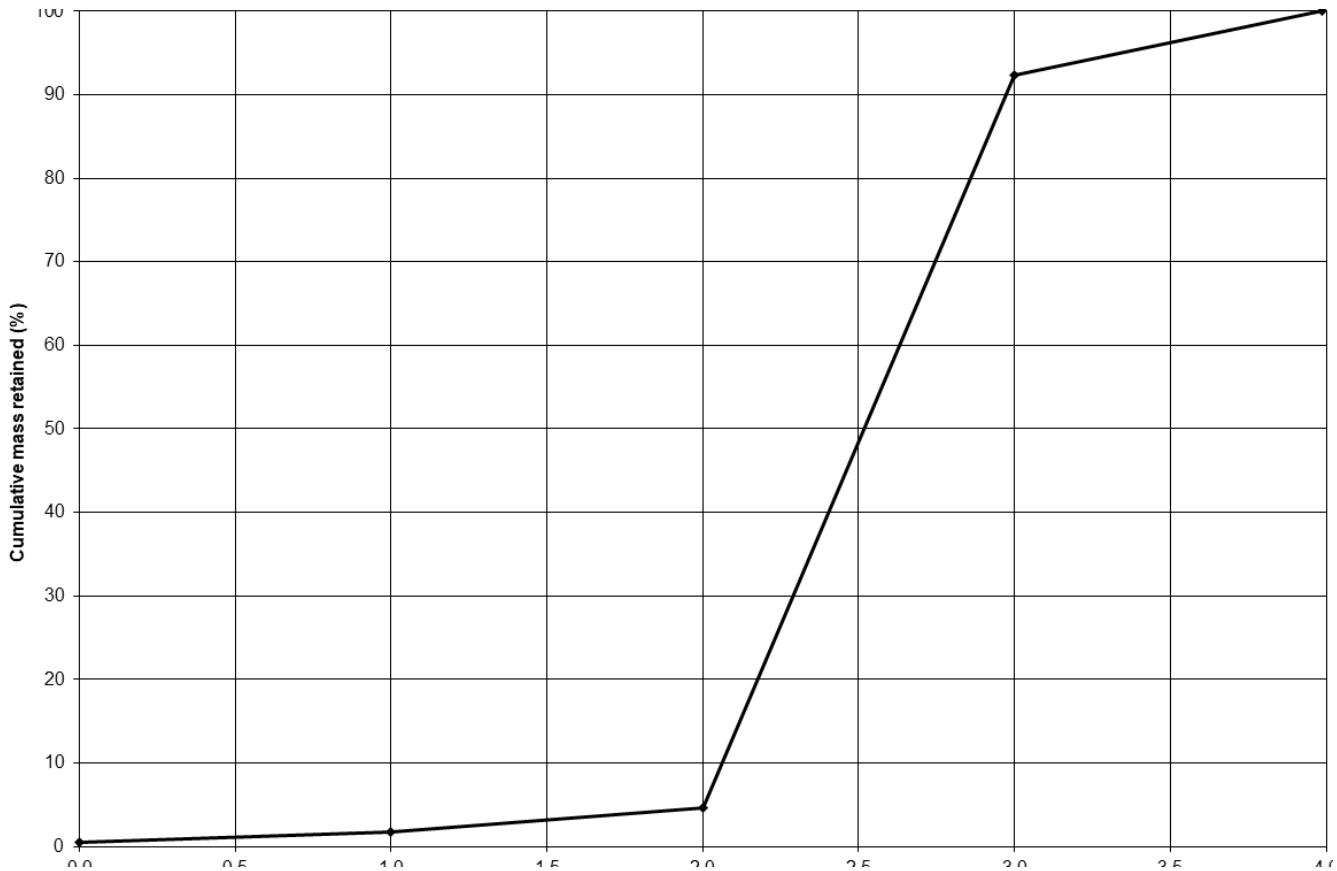
	µm	ϕ
MODE 1:	187,5	2,500
MODE 2:		
MODE 3:		
D_{10}:	127,7	1,306
MEDIAN or D_{50}:	201,1	2,314
D_{90}:	404,5	2,969
(D_{90} / D_{10}):	3,167	2,274
(D_{90} - D_{10}):	276,8	1,663
(D_{75} / D_{25}):	1,889	1,508
(D_{75} - D_{25}):	134,7	0,918

GRAIN SIZE DISTRIBUTION

GRAVEL:	0,0%	COARSE SAND:	0,8%
SAND:	100,0%	MEDIUM SAND:	30,0%
MUD:	0,0%	FINE SAND:	61,1%
		V FINE SAND:	8,1%
V COARSE GRAVEL:	0,0%	V COARSE SILT:	0,0%
COARSE GRAVEL:	0,0%	COARSE SILT:	0,0%
MEDIUM GRAVEL:	0,0%	MEDIUM SILT:	0,0%
FINE GRAVEL:	0,0%	FINE SILT:	0,0%
V FINE GRAVEL:	0,0%	V FINE SILT:	0,0%
V COARSE SAND:	0,0%	CLAY:	0,0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic µm	Geometric µm	Logarithmic ϕ	Geometric µm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	239,1	205,0	2,263	213,2	2,230	Fine Sand
SORTING (σ):	102,6	1,624	0,602	1,603	0,680	Moderately Well Sorted
SKEWNESS (Sk):	1,083	-3,025	-0,152	0,117	-0,117	Coarse Skewed
KURTOSIS (K):	4,945	35,66	3,112	1,000	1,000	Mesokurtic

E3 – AGOSTO 2020



SAMPLE STATISTICS

SAMPLE TYPE: Unimodal, Well Sorted

SEDIMENT NAME: Well Sorted Fine Sand

TEXTURAL GROUP: Sand

	µm	ϕ
MODE 1:	187,5	2,500
MODE 2:		
MODE 3:		
D_{10}:	127,3	2,062
MEDIAN or D_{50}:	174,6	2,518
D_{90}:	239,5	2,973
(D_{90} / D_{10}):	1,881	1,442
(D_{90} - D_{10}):	112,2	0,912
(D_{75} / D_{25}):	1,484	1,255
(D_{75} - D_{25}):	69,43	0,570

GRAIN SIZE DISTRIBUTION

GRAVEL:	0,0%	COARSE SAND:	1,8%
SAND:	100,0%	MEDIUM SAND:	2,8%
MUD:	0,0%	FINE SAND:	87,7%
		V FINE SAND:	7,7%
V COARSE GRAVEL:	0,0%	V COARSE SILT:	0,0%
COARSE GRAVEL:	0,0%	COARSE SILT:	0,0%
MEDIUM GRAVEL:	0,0%	MEDIUM SILT:	0,0%
FINE GRAVEL:	0,0%	FINE SILT:	0,0%
V FINE GRAVEL:	0,0%	V FINE SILT:	0,0%
V COARSE SAND:	0,0%	CLAY:	0,0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic µm	Geometric µm	Logarithmic ϕ	Geometric µm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	192,0	169,9	2,510	174,6	2,518	Fine Sand
SORTING (σ):	76,90	1,563	0,430	1,316	0,397	Well Sorted
SKEWNESS (Sk):	5,107	-6,847	-1,706	-0,117	0,117	Fine Skewed
KURTOSIS (K):	37,27	84,26	14,58	0,963	0,963	Mesokurtic