

Appendix D1

Vibrocore sites: Area A, B, C

Core No.	DGU No.	Latitude N	Longitude E	Y (UTM32N)	X (UTM32N)	Depth (m)	Core recovery (m)
A-2	560615.12	56° 31.67'	006° 35.43'	6267429	351796	33.0	5.98
A-3	560615.13	56° 32.45'	006° 34.39'	6268913	350782	31.5	6.00
A-4	560615.14	56° 32.46'	006° 36.91'	6268841	353364	36.8	5.27
A-5	560615.15	56° 33.33'	006° 33.98'	6270559	350420	32.5	5.97
A-7	560615.16	56° 34.12'	006° 34.72'	6271998	351229	31.0	5.67
A-8	560615.17	56° 35.09'	006° 30.47'	6273952	346943	32.0	5.70
A-9	560615.18	56° 36.71'	006° 30.55'	6276953	347134	29.0	5.65
A-10	560615.19	56° 34.17'	006° 32.08'	6272187	348530	36.0	5.98
A-14	560614.1	56° 36.74'	006° 27.69'	6277116	344212	29.5	4.30
A-23	560610.2	56° 38.35'	006° 28.23'	6280082	344874	29.5	4.90
A-25	560615.2	56° 35.89'	006° 32.01'	6275379	348573	30.0	5.44
A-29	560615.21	56° 32.036'	006° 34.788'	6268130	351162	33.0	5.50
A-31	560615.22	56° 32.026'	006° 36.238'	6268060	352648	33.0	4.70
A-32	560615.23	56° 31.938'	006° 33.205'	6268006	349534	35.7	5.85
A-33	560615.24	56° 33.061'	006° 37.179'	6269946	353678	37.0	5.87
A-35	560615.25	56° 33.298'	006° 32.689'	6270547	349095	37.5	5.24
A-37	560615.26	56° 33.905'	006° 33.584'	6271640	350052	32.0	4.00
A-39	560615.27	56° 34.603'	006° 33.071'	6272953	349573	32.5	5.36
A-40	560615.28	56° 34.690'	006° 31.715'	6273164	348191	33.0	4.70
A-41	560615.29	56° 34.572'	006° 30.303'	6272998	346737	35.0	5.84
A-43	560615.30	56° 35.374'	006° 32.889'	6274390	349438	30.0	6.00
A-46	560615.31	56° 32.573'	006° 35.532'	6269100	351960	32.0	3.69
A-48	560615.32	56° 35.999'	006° 30.030'	6275654	346554	29.5	5.48
A-49	560614.26	56° 36.120'	006° 28.561'	6275934	345060	29.2	4.70
A-50	560615.33	56° 37.112'	006° 31.612'	6277660	348247	32.0	4.08
A-51	560614.27	56° 37.062'	006° 29.266'	6277654	345845	27.7	5.89
A-52	560614.28	56° 36.815'	006° 26.314'	6277307	342822	33.0	4.70
A-54	560610.3	56° 37.817'	006° 29.782'	6279035	346424	27.0	5.68
A-56	560610.4	56° 37.757'	006° 26.916'	6279032	343490	32.0	3.91
A-59	560615.34	56° 33.482'	006° 35.560'	6270784	352048	32.8	3.67
B-1	560613.9	56° 33.91'	006° 11.98'	6272494	327934	33.1	3.50
B-2	560613.1	56° 32.98'	006° 10.64'	6270826	326491	28.1	5.50
B-4	560614.11	56° 32.87'	006° 16.30'	6270387	332280	32.0	3.55
B-5	560614.12	56° 33.83'	006° 15.39'	6272205	331419	32.0	5.30
B-11	560614.16	56° 35.907'	006° 17.769'	6275959	334006	41.0	4.61
B-14	560614.17	56° 35.095'	006° 16.891'	6274489	333048	34.5	5.86
B-16	560614.18	56° 35.164'	006° 19.648'	6274506	335874	33.7	5.49
B-17	560613.11	56° 34.194'	006° 13.954'	6272939	329976	30.5	5.46
B-18	560614.19	56° 34.252'	006° 15.408'	6272987	331468	31.5	6.00
B-19	560614.20	56° 34.287'	006° 16.894'	6272991	332992	29.9	5.34
B-20	560614.21	56° 34.273'	006° 18.423'	6272903	334556	33.8	5.99
B-23	560614.22	56° 33.508'	006° 17.022'	6271541	333066	29.1	5.17
B-26	560614.23	56° 32.280'	006° 15.614'	6269321	331533	32.0	4.15
B-28	560614.24	56° 32.945'	006° 15.242'	6270570	331201	33.0	4.76
B-29	560614.25	56° 33.037'	006° 17.967'	6270630	333999	30.5	4.72
C-1	560713.4	56° 33.45'	007° 02.51'	6269847	379646	35.0	1.22
C-3	560713.5	56° 32.36'	007° 09.88'	6267617	387141	32.0	4.95
C-5	560713.6	56° 34.34'	007° 03.54'	6271468	380748	34.0	4.34

C-6	560713.7	56° 33.58'	007° 05.94'	6269989	383166	32.0	4.48
C-8	560713.8	56° 35.88'	007° 02.60'	6274351	379867	33.0	5.65
C-9	560713.9	56° 35.25'	007° 04.58'	6273126	381860	35.0	4.60
C-10	560713.1	56° 34.69'	007° 06.38'	6272036	383674	37.0	3.80
C-11	560713.11	56° 36.92'	007° 03.30'	6276260	380638	35.0	5.00
C-12	560713.12	56° 36.11'	007° 05.84'	6274685	383194	34.5	2.70
C-13	560713.13	56° 35.42'	007° 07.98'	6273345	385348	35.0	4.13
C-16	560713.14	56° 37.21'	007° 06.54'	6276705	383966	35.0	5.00

Appendix D2

Vibrocore logs: Area A, B, C

Legend to logs

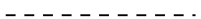
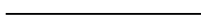
Lithology

	Mud/gyttja
	Clay
	Silt
	Sand
	Heterolith with alternating layers of clay and sand
	Gravel

Structures

	Homogenous
	Layered/ laminated

Boundaries between layers

	Gradual
	Sharp or erosive

Holocene deposits

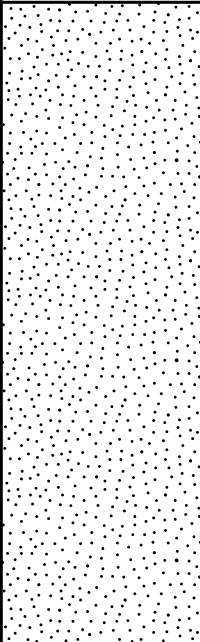
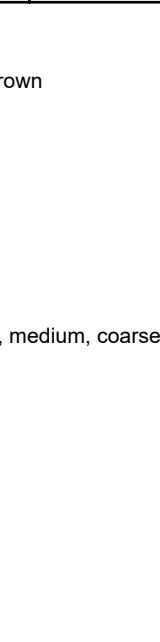
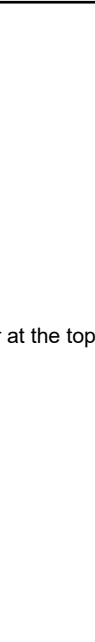
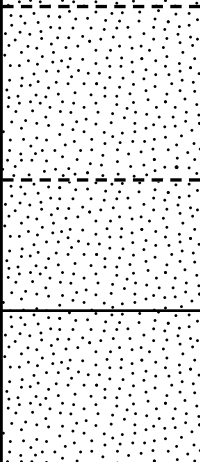
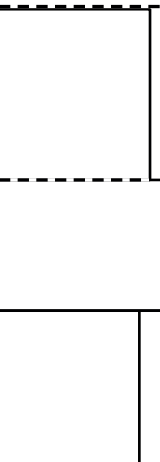
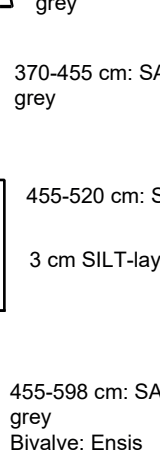
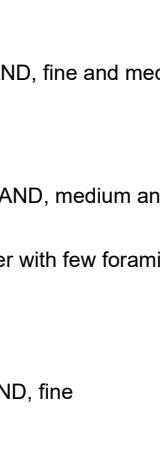
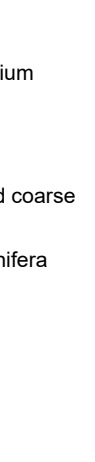
HG - marine gravel
HS - marine sand
HI - marine silt
HL - marine clay
HV - heterolith

Grain size (mm)

64	stones
4	fine-grained gravel
2	very coarse-grained sand
1	coarse-grained sand
0.5	medium-grained sand
0.250	fine-grained sand
0.125	very fine-grained sand
0.063	silt and clay

Lateglacial deposits

TG - glaciofluvial gravel
TS - glaciofluvial sand
TI - lacustrine silt
TL - lakustrine clay
TV - heterolith

A-2; DGU 560615.12; UTM zone 32N; 351796E, 6267429N; WD: 33 m									
AGE	SCALE (m)	LITHOLOGY	NOTES						
			MUD		SAND		GRAVEL		
			-clay	-silt	vf	f	m	vc	-gran
HS	1						light yellow-brown		
	0-320 cm: SAND, medium, coarser at the top								
	grey								
	SILTY-SAND								
	320-370 cm: SAND, medium at the top coarse at the bottom grey								
	370-455 cm: SAND, fine and medium grey								
HS	4						455-520 cm: SAND, medium and coarse		
3 cm SILT-layer with few foraminifera									
455-598 cm: SAND, fine grey Bivalve: Ensis									

A-3; DGU 560615.13; UTM zone 32N; 350782E, 6268913N; WD: 31,5 m

AGE	SCALE (m)	LITHOLOGY	MUD SAND GRAVEL										NOTES
			clay	silt	vf	m	vc	gran	pebb	cobb	boul		
HS												0-23 cm: SAND, fine and medium, light yellow-brown	
												23-25 cm: CLAY, black	
												25-56 cm: SAND, medium and coarse, light yellow-brown	
	1											56-100 cm: SAND, fine, grey	
HS	2											100-285 cm: SAND, medium grey Bivalves: Ensis, Spisula	
HS	3												
HS	4												
	5											285-600 cm: SAND, fine, coarser at the top grey Bivalve: Venus Sea urchin: Echinocyamus	

A-4; DGU 560615.14; UTM zone 32N; 353364E, 6268841N; WD: 36,8 m

AGE		SCALE (m)	LITHOLOGY	MUD SAND GRAVEL										NOTES
				clay	silt	vf	m	vc	gran	pebb	cobb	boul		
HS	HV												0-82 cm: SAND, medium light yellow-brown Bivalves: Spisula, Ensis	
	1												82-90 cm: alternating layers of SAND and CLAY grey	
	2													
	3												90-510 cm: SAND, fine grey Bivalves: Cardium, Corbula, Nucula	
	4													
HI	5												510-527 cm: SILT, with a little fine SAND grey	

A-5; DGU 560615.15; UTM zone 32N; 350420E, 6270559N; WD: 32,5 m

AGE		SCALE (m)	LITHOLOGY											NOTES
HS	HS			MUD		SAND			GRAVEL					
				clay	silt	vf	f	m	vc	gran	pebb	cobb	boul	
HS													0-40 cm: SAND, medium light yellow-brown	
	1												40-350 cm: SAND, medium grey Bivalves: Spisula, Ensis	
	2												gyttja lump at 300 cm	
	3												350-355 cm: CLAY, very dark grey 355-365 cm: SAND, fine and medium, grey 365-370 cm: CLAY, very dark grey Sea urchin: Echinocyamus Bivalve: Spisula	
	4												370-597 cm: SAND, fine and medium dark grey Bivalves: Spisula, Lucinoma, Ensis	
HS	5													

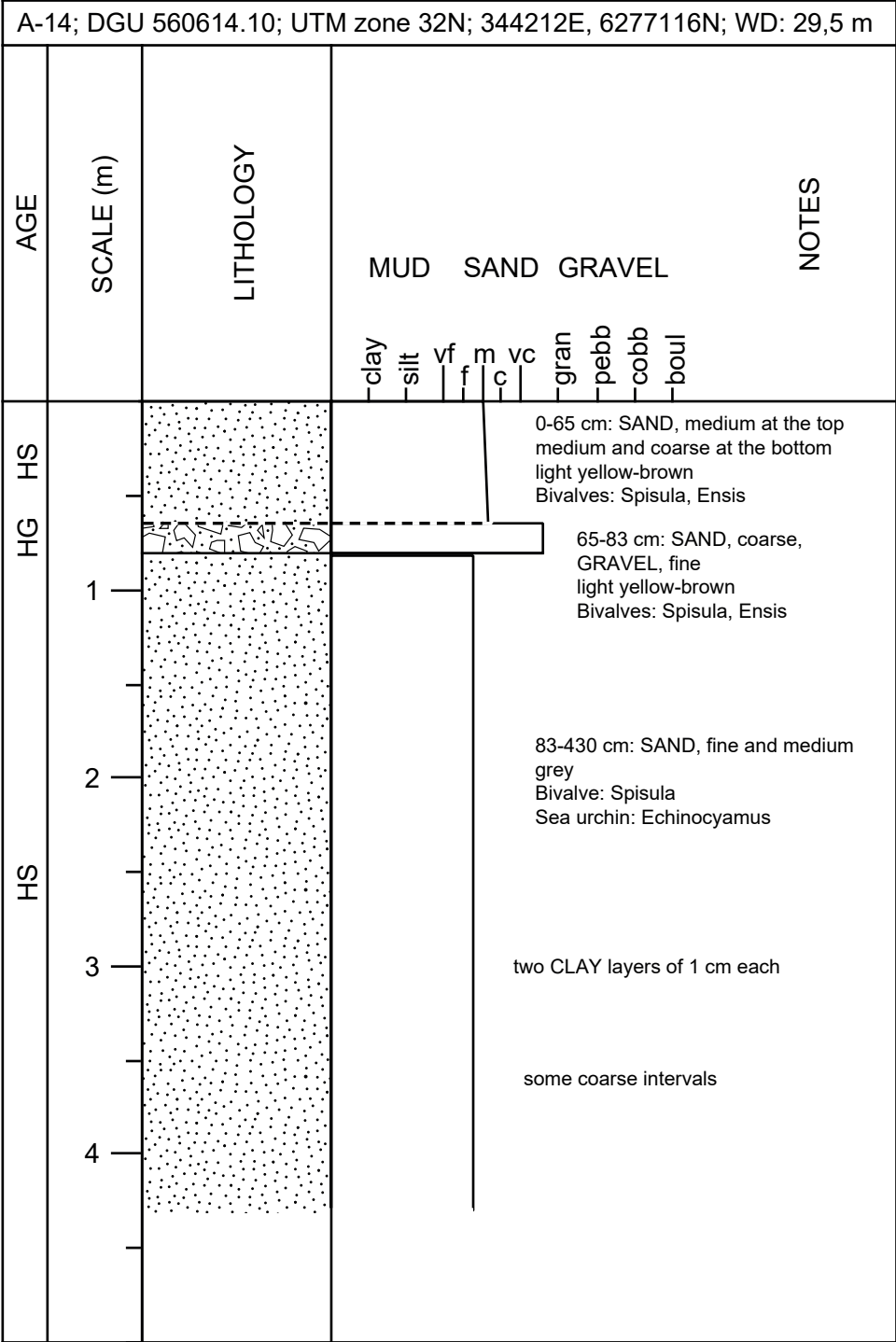
A-7; DGU 560615.16; UTM zone 32N; 351229E, 6271998N; WD: 31 m								
AGE	SCALE (m)	LITHOLOGY						NOTES
			MUD	SAND	GRAVEL			
			-clay -silt -vf -f -m -c -vc	-gran -pebb -cobb -boul				
HS								
	1							light olive-brown
	2							
	3							0-567 cm: SAND, medium, coarser at the top grey Bivalves: Ensis, Spisula
	4							
	5							

A-8; DGU 560615.17; UTM zone 32N; 347134E, 6276953N; WD: 29 m

AGE		SCALE (m)	LITHOLOGY	MUD SAND GRAVEL		NOTES
HS	HG HS			clay silt vf f m c vc gran pebb cobb boul		
						0-37 cm: SAND, medium light yellow-brown
						37-44 cm: SAND, coarse, GRAVEL, fine light yellow-brown
		1				44-90 cm: SAND, medium and coarse light yellow-brown
		2				
		3				90-565 cm: SAND, medium grey Bivalves: Spisula, Ensis
		4				410-420 cm: SAND, coarse
		5				
HL						565-570 cm: CLAY

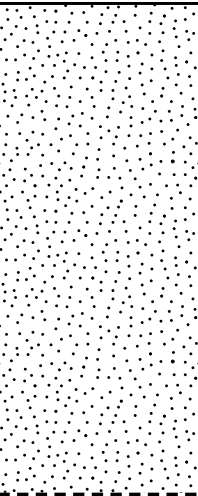
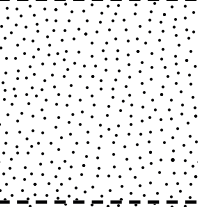
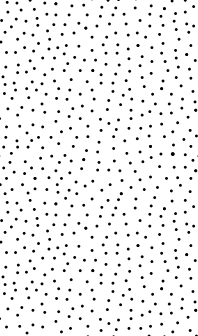
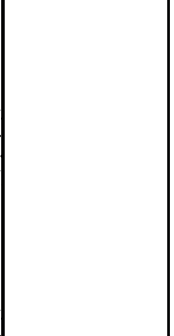
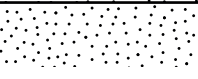
A-9; DGU 560615.18; UTM zone 32N; 347134E, 6276953N; WD: 29 m												
AGE	SCALE (m)	LITHOLOGY						NOTES				
			MUD	SAND	GRAVEL							
			-clay	-silt	vf	f	m	vc	-gran	-pebb	-cobb	-boul
HS									0-40 cm: SAND, mostly medium, some coarse, poorly sorted light yellow-brown			
	1											
	2											
HS	3								40-565 cm: SAND, medium, some coarser intervals grey Bivalves: Spisula, Ensis			
	4											
	5								448 cm: CLAY, 1 cm layer, black			

AGE	SCALE (m)	LITHOLOGY	MUD	SAND	GRAVEL	NOTES
			clay silt vf f m c	gran pebb cobb boul		
HS						0-34 cm: SAND, fine, dark grey
HS						34-57 cm: SAND, coarse and medium, light grey
HS						Bivalves: Spisula, Lucinoma
HG						57-68 cm: SAND, fine and medium, light grey
						68-75 cm: SAND, fine, light yellow-brown
1						
2						
HS						75-430 cm: SAND, fine grey
						Bivalves: Spisula, Ensis, Nucula
3						
4						
HG						430-445 cm: GRAVEL, max 10 cm
5						
TI						445-598 cm: SILT grey-brown
						Plant fragments: Saxifraga, Drepanocladus

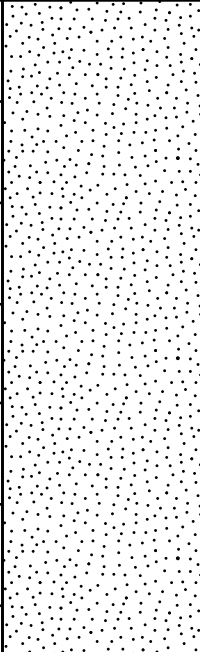
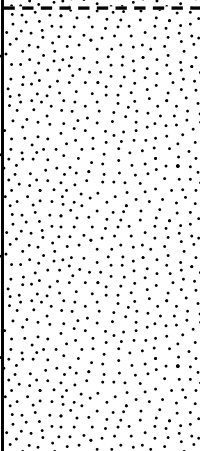


A-23; DGU 560610.2; UTM zone 32N; 348573E, 6275379N; WD: 30 m												
AGE	SCALE (m)	LITHOLOGY								NOTES		
			MUD	SAND			GRAVEL					
			clay	silt	vf	m	vc	gran	pebb	cobb	boul	
HS												light yellow-brown
	1											
	2											0-490 cm: SAND, medium and coarse at the top, medium and fine at the bottom Bivalves: Ensis, Spisula
	3											some coarser intervals
	4											grey

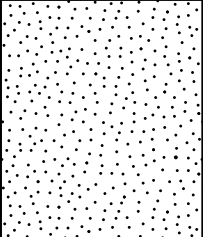
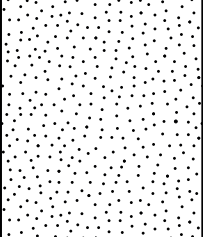
A-25; DGU 560615.20; UTM zone 32N; 348573E, 6275379N; WD: 30 m

AGE		SCALE (m)	LITHOLOGY	MUD SAND GRAVEL												NOTES
				clay	silt	vf	f	m	vc	gran	pebb	cobb	boul			
HS	1															0-244 cm: SAND, medium light yellow-brown Bivalves: Ensis, Spisula
	2															
HS	3															244-344 cm: SAND, medium grey Bivalves: Spisula, Ensis
	4															
HS	5															344-514 cm: SAND, medium grey Bivalves: Spisula, Arctica
HS																514-544 cm: SAND, medium grey Bivalve: Spisula

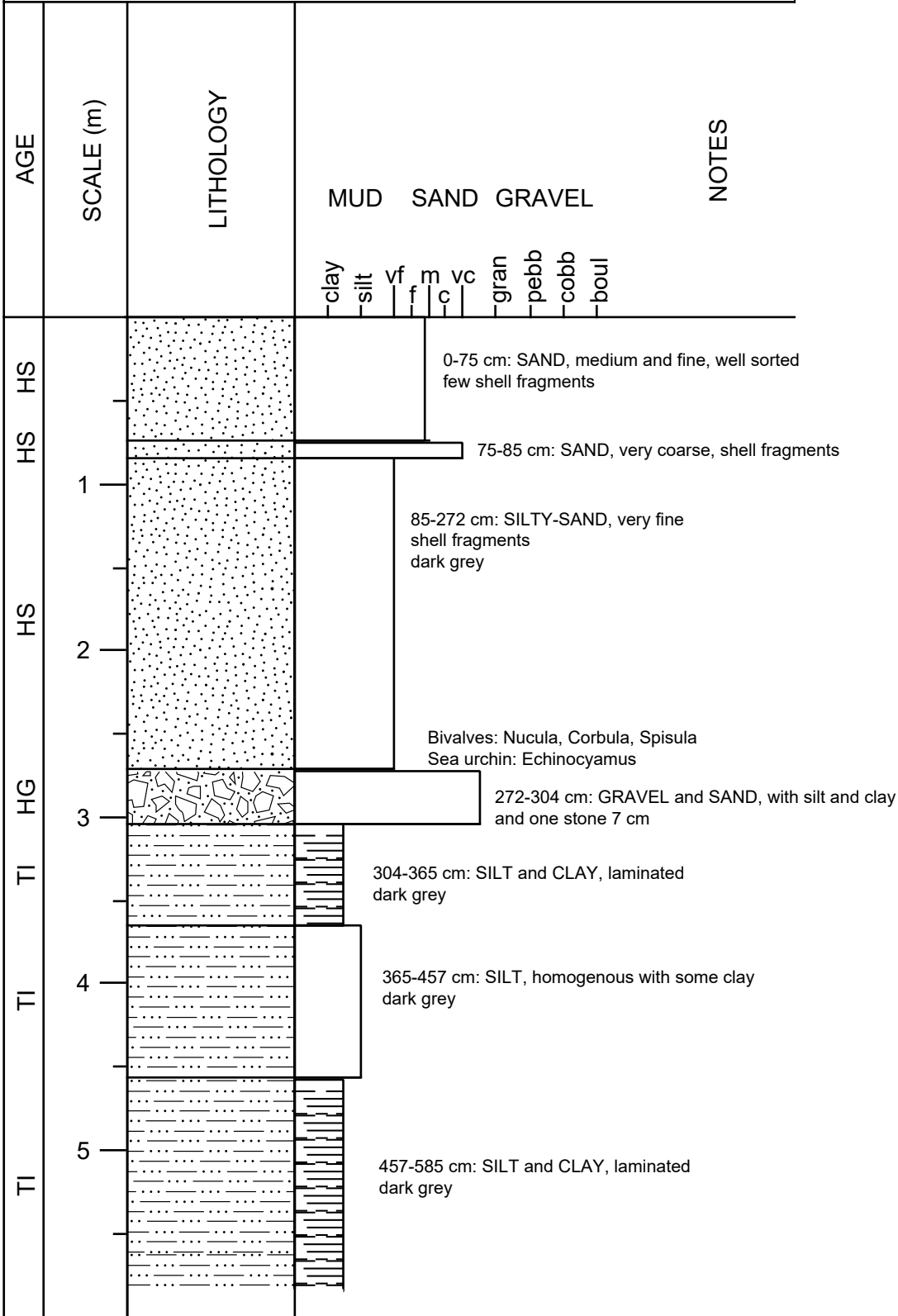
A-29; DGU 560615.21; UTM zone 32N; 351162E, 6268130N; WD: 33 m

AGE		SCALE (m)	LITHOLOGY	MUD SAND GRAVEL												NOTES
-clay	-silt			vf	f	m	vc	gran	pebb	cobb	boul					
HS		1		0-50 cm: SAND, medium with coarser intervals few shellfragments yellow-brown												
		2														
		3														
HS		4		50-327 cm: SAND, medium with coarser intervals few shellfragments dark grey												
		5														
				327-550 cm: SAND, fine few shellfragments dark grey												

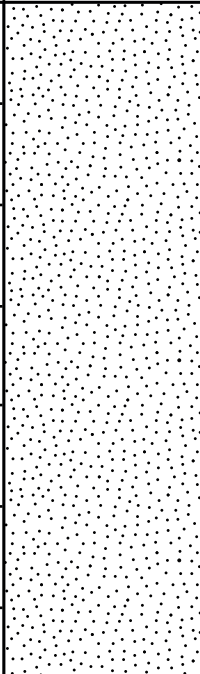
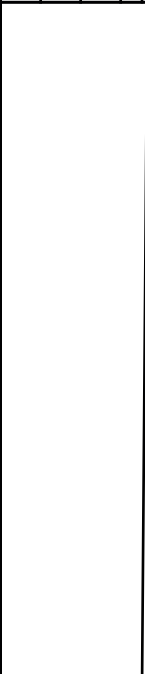
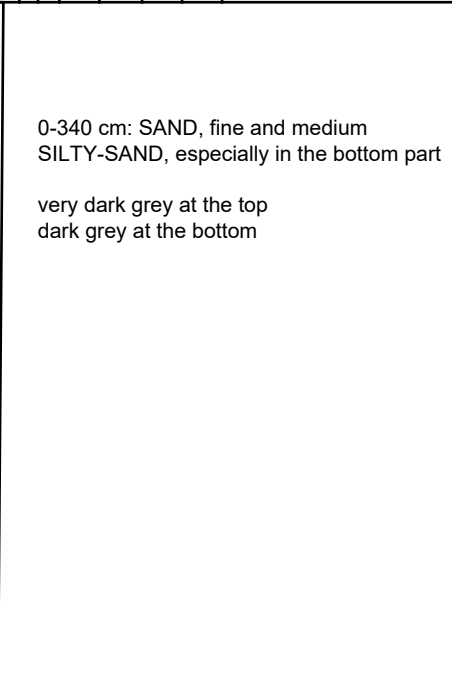
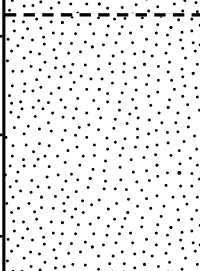
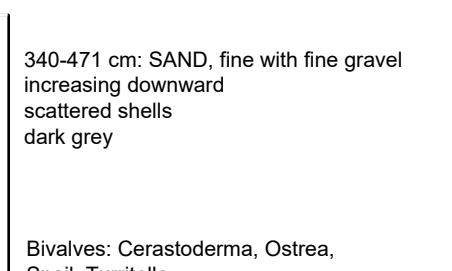
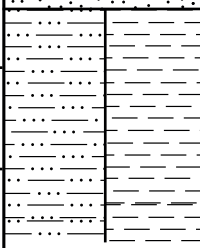
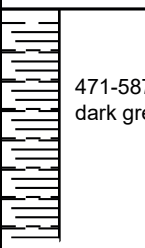
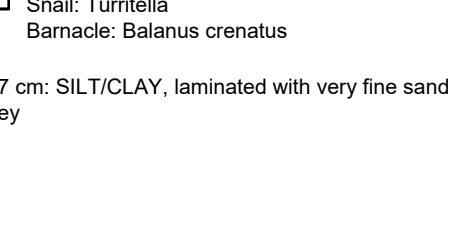
A-31; DGU 560615.22; UTM zone 32N; 352648E, 6268060N; WD: 33 m

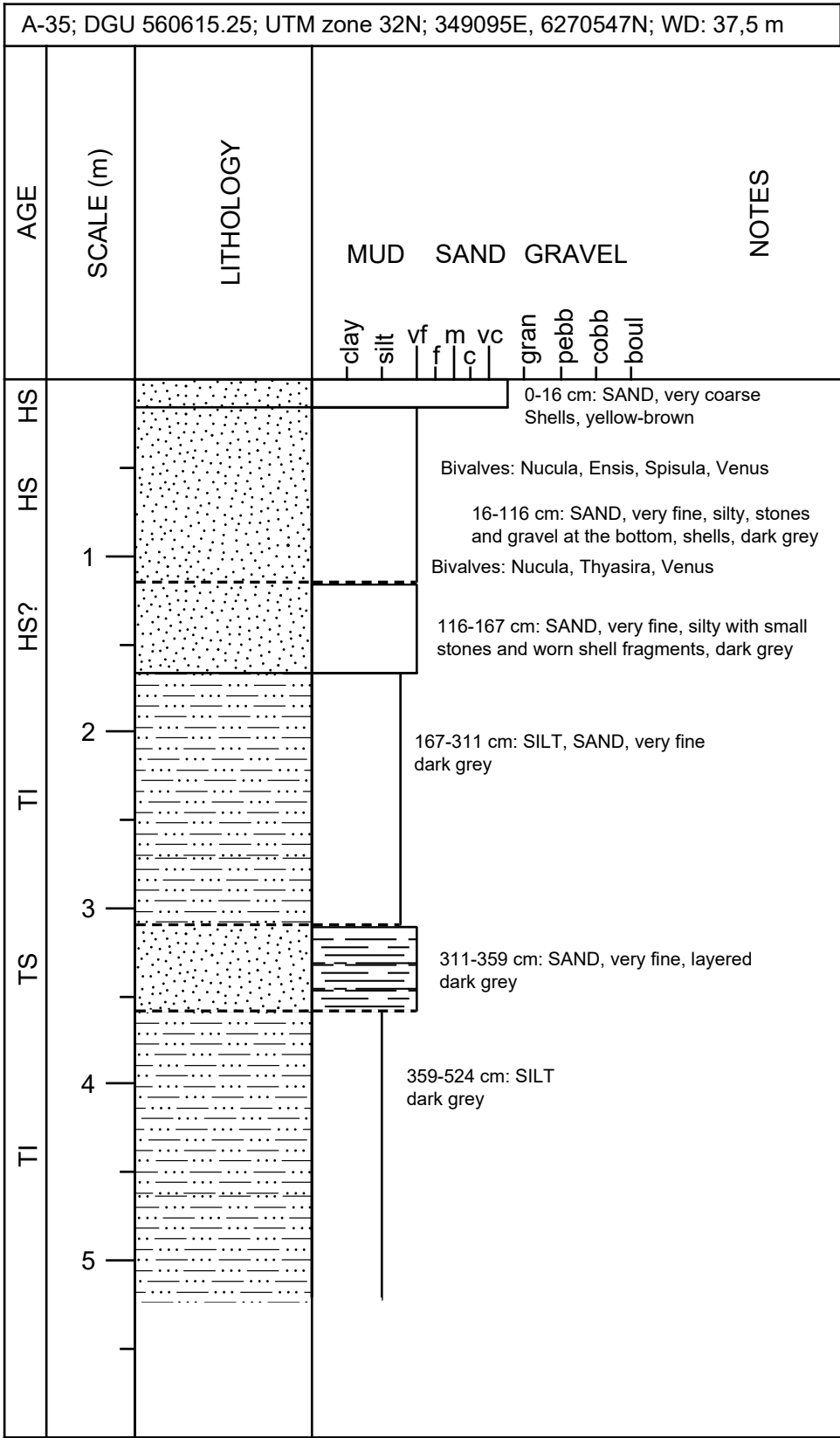
AGE		SCALE (m)	LITHOLOGY	MUD SAND GRAVEL		NOTES
				clay silt vf m vc gran pebb cobb boul		
HS	1					0-400 cm: SAND, medium with some coarse and fine few shellfragments yellow-brown at the top dark grey
	2					
HS	3					356-357 cm: CLAY, black
	4					397-398 cm: CLAY, black
						400-470 cm: SAND, fine alternating with medium few shellfragments dark grey

A-32; DGU 560615.23; UTM zone 32N; 349534E, 6268006N; WD: 35,7 m



A-33; DGU 560615.24; UTM zone 32N; 353678E, 6269946N; WD: 37 m

AGE		SCALE (m)	LITHOLOGY	MUD SAND GRAVEL												NOTES
				clay	silt	vf	f	m	vc	gran	pebb	cobb	boul			
HS	1													0-340 cm: SAND, fine and medium SILTY-SAND, especially in the bottom part		
	2	very dark grey at the top dark grey at the bottom														
	3															
HS	4													340-471 cm: SAND, fine with fine gravel increasing downward scattered shells dark grey		
TV	5													Bivalves: Cerastoderma, Ostrea, Snail: Turritella Barnacle: Balanus crenatus		
														471-587 cm: SILT/CLAY, laminated with very fine sand dark grey		

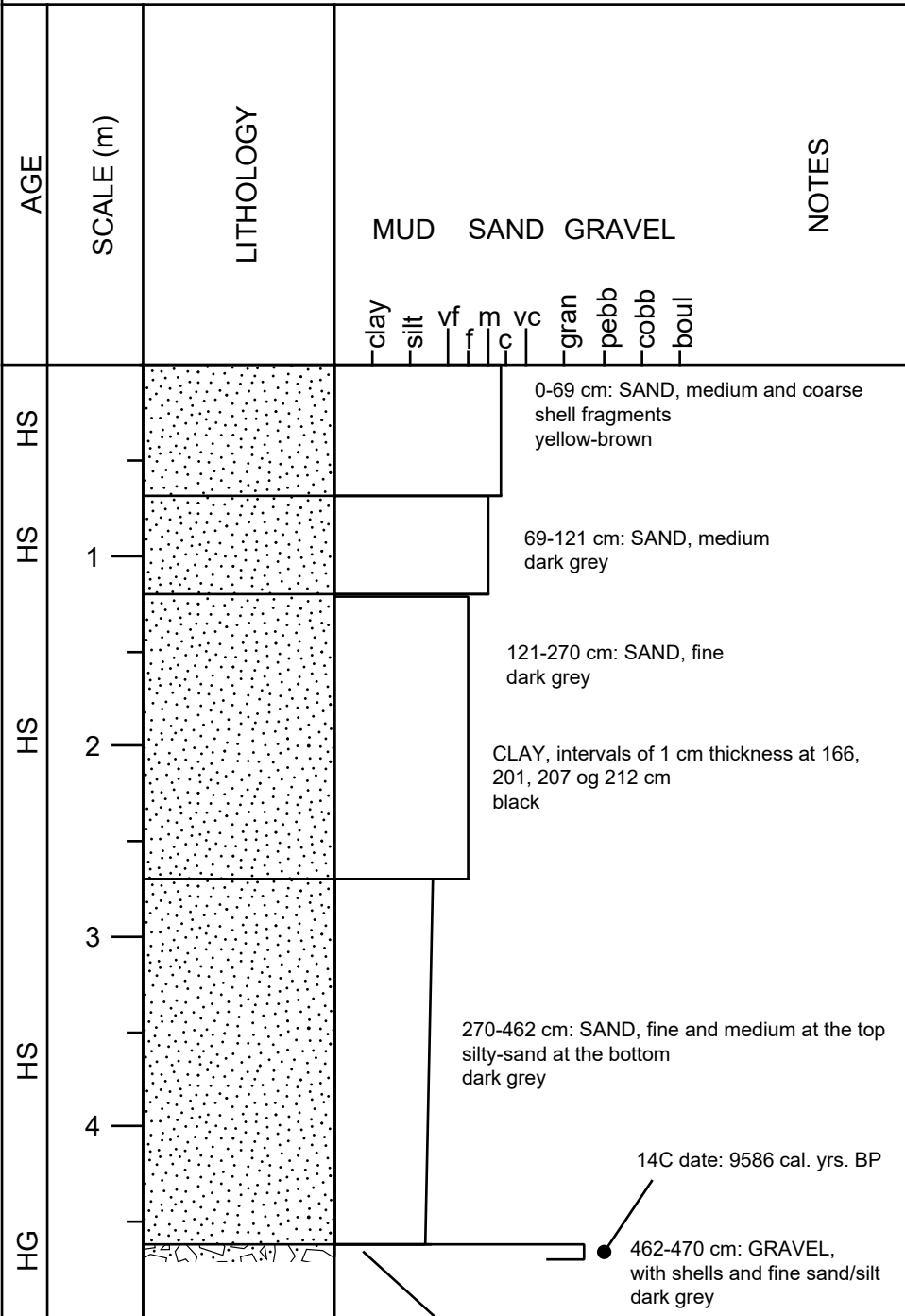


A-37; DGU 560615.26; UTM zone 32N; 350052E, 6271640N; WD: 32 m

AGE	SCALE (m)	LITHOLOGY											NOTES
			MUD		SAND		GRAVEL						
			clay	silt	vf	m	vc	gran	pebb	cobb	boul		
HS								0-30 cm: SAND, medium and coarse, yellow-brown					
HS	1							30-190 cm: SAND, medium few shell fragments grey					
HS	2							190-333 cm: SAND, medium layered with alternating grain sizes few shell fragments grey					
TS?	3							333-400 cm: SAND, fine and medium dark grey					

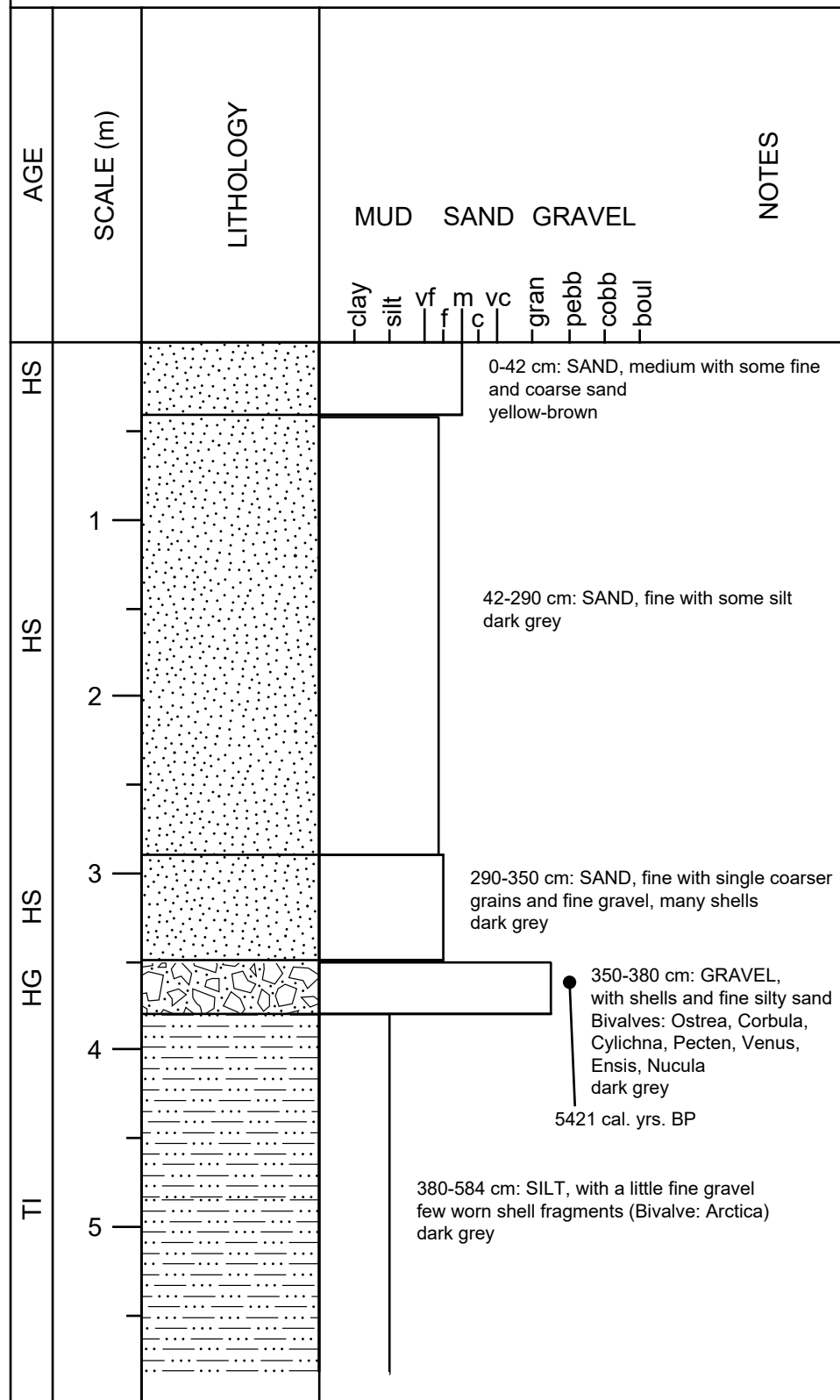
A-39; DGU 560615.27; UTM zone 32N; 349573E, 6272953N; WD: 32,5 m													
	AGE												
		SCALE (m)	LITHOLOGY	NOTES									
				MUD	SAND	GRAVEL							
				-clay	-silt	vf	f	m	vc	-gran	-pebb	-cobb	-boul
HS										0-90 cm: SAND, medium and coarse shell fragments yellow			
1										90-178 cm: SAND, medium and some coarse			
2										178-252 cm: SAND, medium and fine			
HL										252-255 cm: CLAY, black			
3										255-400 cm: SAND, medium and fine			
4										400-536 cm: SAND, fine with some silt single clay intervals, few mm thick			
5													

A-40; DGU 560615.28; UTM zone 32N; 348191E, 6273164N; WD: 33 m

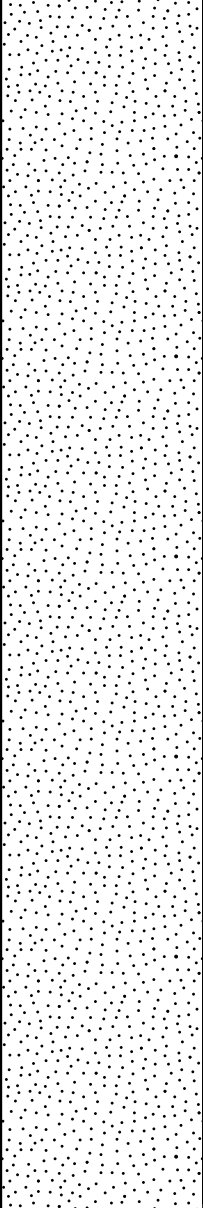


Acanthocardium, Ostrea, Pecten, Ensis, Gibbula, Venus, Balanus balanus

A-41; DGU 560615.29; UTM zone 32N; 346737E, 6272998N; WD: 35 m



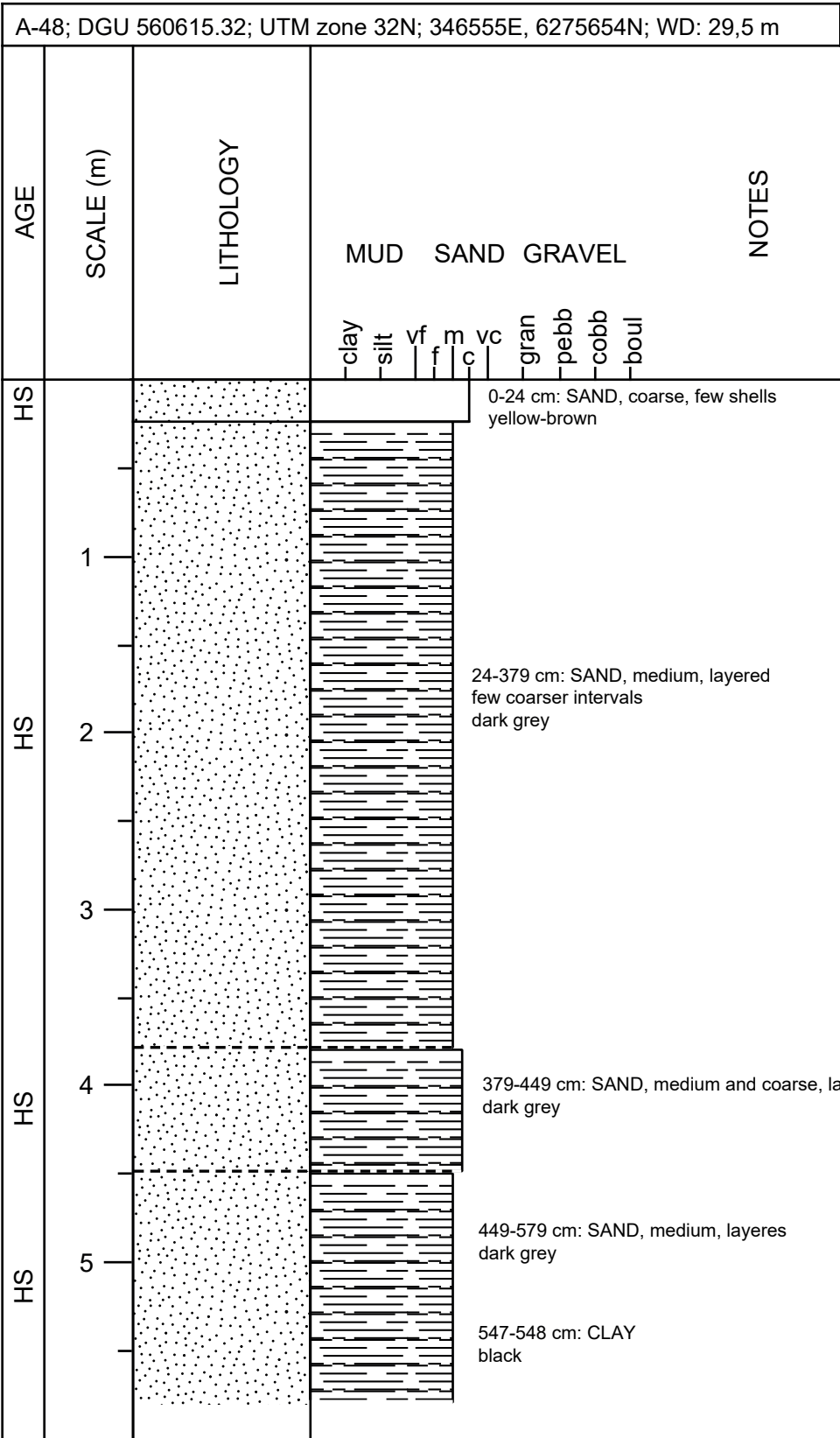
A-43; DGU 560615.30; UTM zone 32N; 349438E, 6274390N; WD: 30 m

AGE	SCALE (m)	LITHOLOGY	NOTES								
			MUD	SAND	GRAVEL						
HS			-clay	-silt	vf	m	vc	gran	pebb	cobb	boul
	1		0-600 cm: SAND, medium, some coarse, few intervals with very coarse few shell fragments grey								
	2										
	3										
	4										
	5										

0-600 cm: SAND, medium, some coarse,
few intervals with very coarse
few shell fragments
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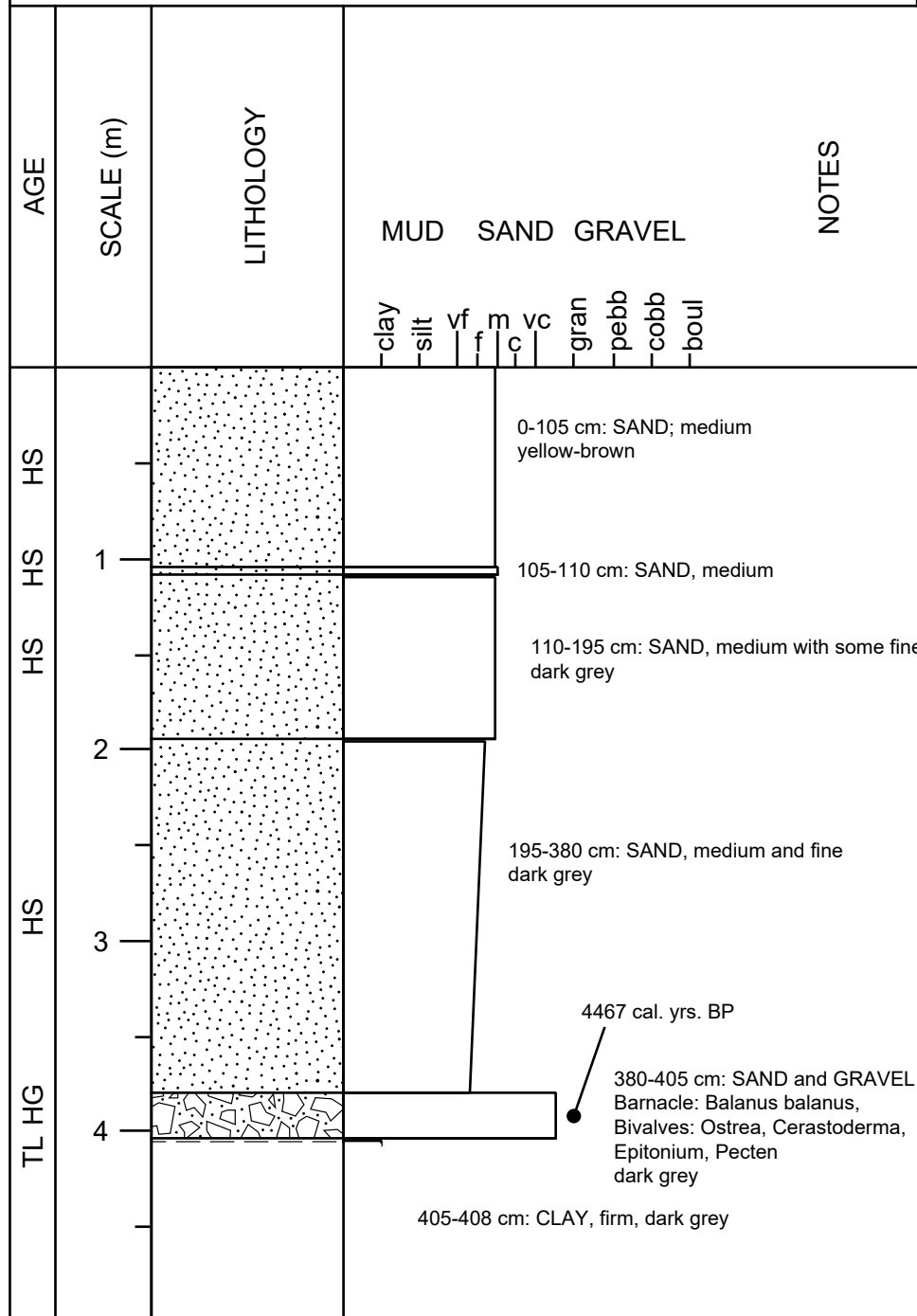
A-46; DGU 560615.31; UTM zone 32N; 351960E, 6269100N; WD: 32 m

AGE		SCALE (m)	LITHOLOGY	MUD SAND GRAVEL 0-42 cm: mellem og groft sand 2.5Y 5/3 gulbrun -clay -silt -vf -f -m -c -vc -gran -pebb -cobb -boul	NOTES
HS	1			0-100 cm: SAND, medium and coarse few shells yellow-brown	
HS	2				
	3			100-369 cm: SAND, medium dark grey	



A-49; DGU 560614.26; UTM zone 32N; 345060E, 6275934N; WD: 29,2 m				
AGE	SCALE (m)	LITHOLOGY	MUD SAND GRAVEL	
HS	HS		-clay -silt vf f m c vc -gran -pebb -cobb -boul	NOTES
				0-63 cm: SAND, medium and coarse few shells yellow-brown
	1			63-163 cm: SAND, medium, layered few shells dark grey
	2			
	3			163-470 cm: SAND, medium few shells dark grey
	4			

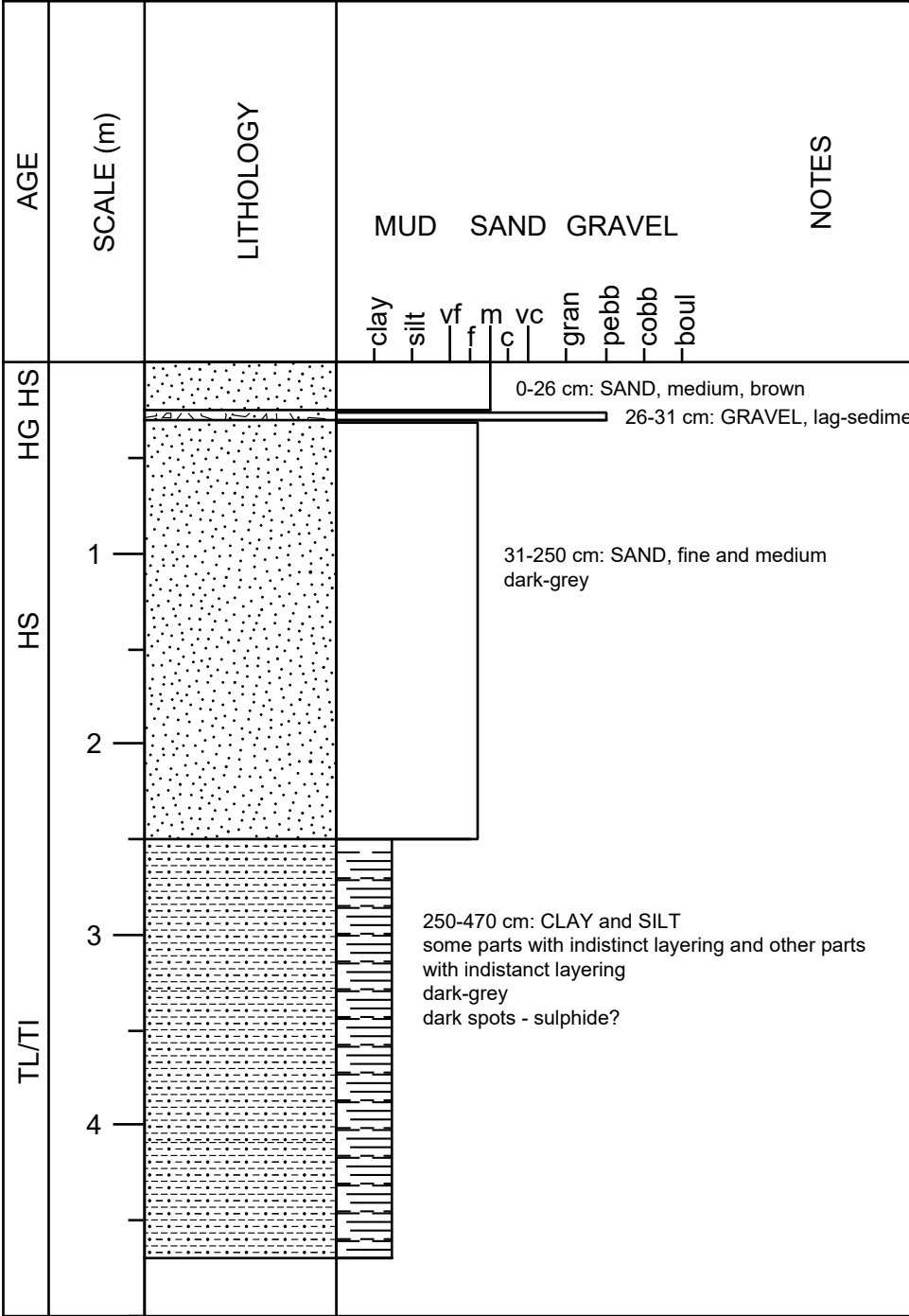
A-50; DGU 560615.33; UTM zone 32N; 346424E, 6279035N; WD: 32 m



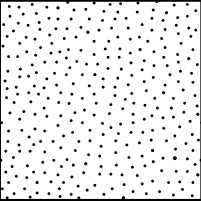
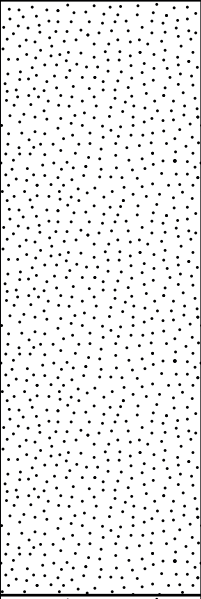
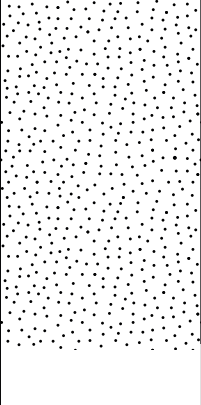
A-51; DGU 560614.27; UTM zone 32N; 345845E, 6277654N; WD: 27,7 m
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AGE	SCALE (m)	LITHOLOGY	MUD	SAND	GRAVEL	NOTES
			clay silt vf f m c	vc gran pebb cobb boul		
HS	1 2 3 4 5			0-589 cm: SAND, medium intervals with lamination of coarse and medium sand yellow brown at the top dark grey		

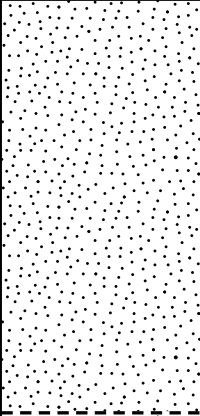
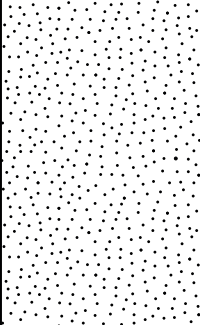
A-52; DGU 560614.28; UTM zone 32; 342810E, 6277310N; WD: 33 m

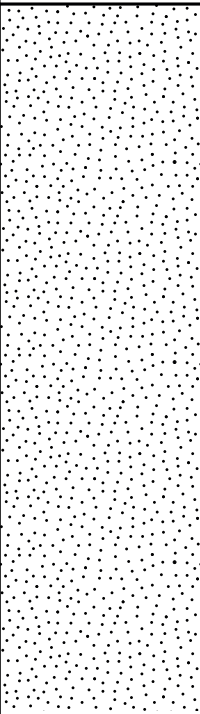


A-54; DGU 560610.3; UTM zone 32N; 346424E, 6279035N; WD: 27 m

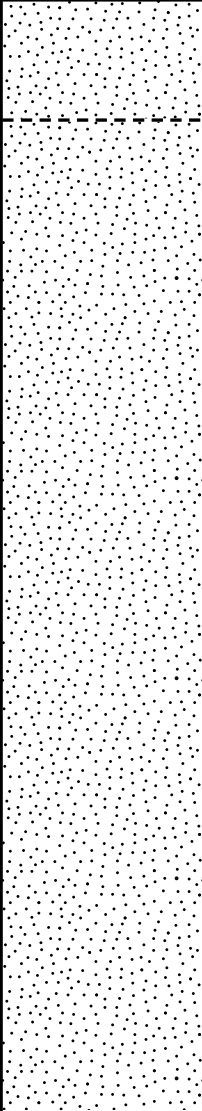
AGE		SCALE (m)	LITHOLOGY	NOTES											
				MUD	SAND				GRAVEL						
				clay	silt	vf	f	m	vc	gran	pebb	cobb	boul		
HS		1												0-100 cm: SAND, medium and coarse yellow-brown	
HS		2													
HS		3													
HS		4													
HS		5													
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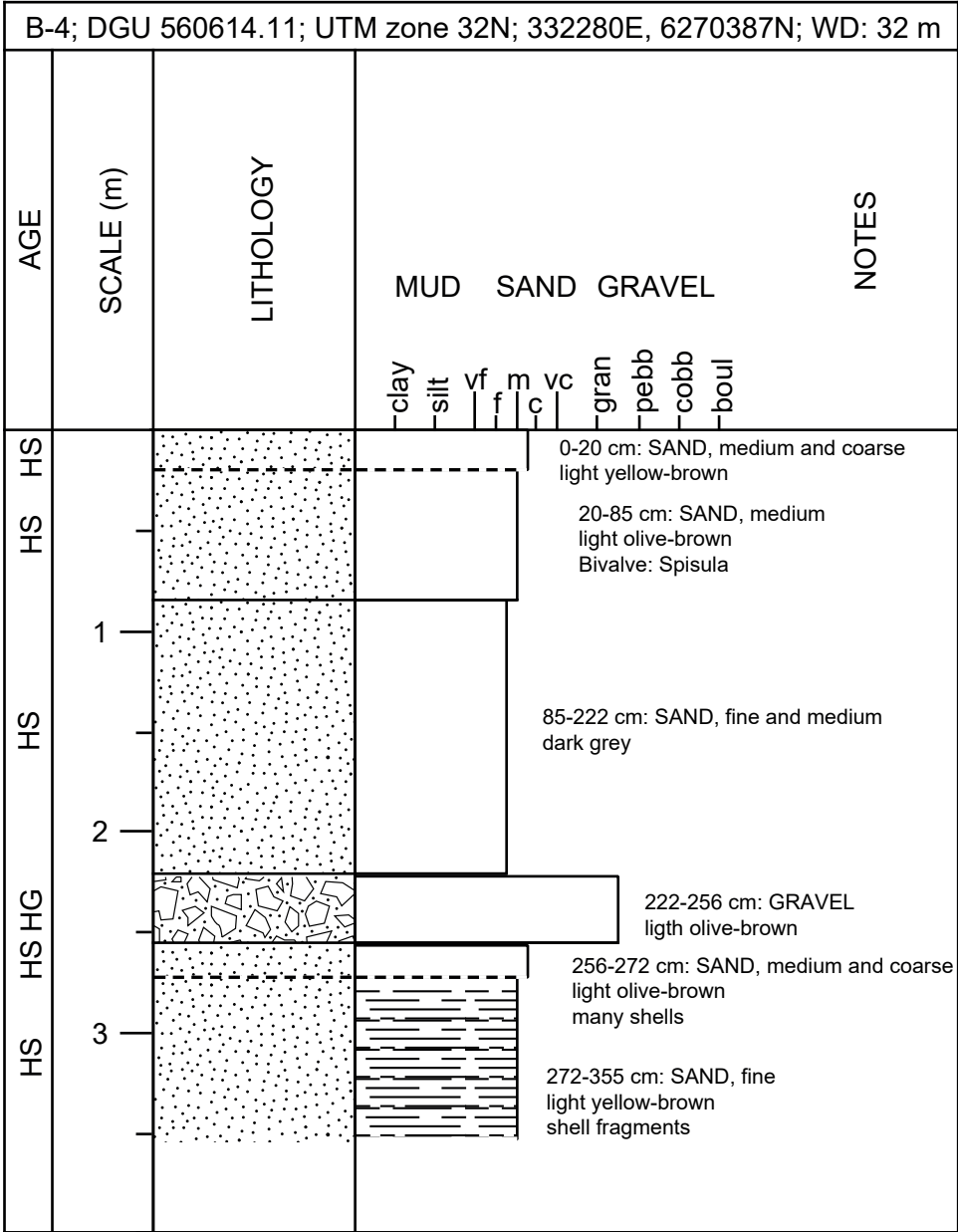
A-56; DGU 560610.4; UTM zone 32N; 343490E, 6279032N; WD: 32 m												
AGE	SCALE (m)	LITHOLOGY	MUD SAND GRAVEL								NOTES	
			clay	silt	vf	m	vc	gran	pebb	cobb	boul	
HS												0-92 cm: SAND, medium 0-35 cm: grey-brown below: dark grey
HS	1											92-205 cm: SAND, medium and coarse alternating intervals of 10-20 cm thickness few shell fragments dark grey
HS	2											
												205-391 cm: SAND, fine and medium few shell fragments dark grey
	3											

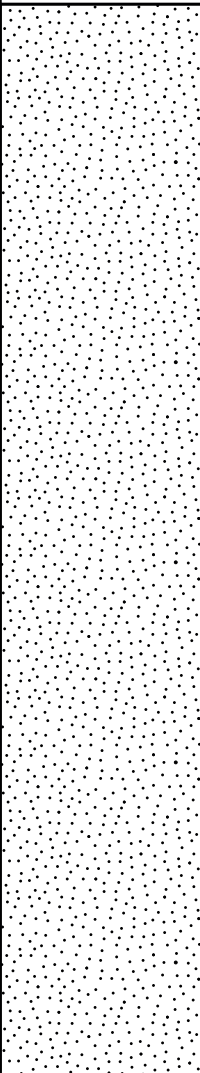
A-59; DGU 560615.34; UTM zone 32N; 352048E, 6270784N; WD: 32,8 m											
AGE		SCALE (m)	LITHOLOGY	NOTES							
				MUD		SAND		GRAVEL			
				clay	silt	vf	m	vc	gran	pebb	cobb
HS		1				0-206 cm: SAND, medium and coarse few shells yellow-brown					
		2									
HS		3				206-367 cm: SAND, medium and fine few shells dark grey					

B-1; DGU 560613.9; UTM zone 32N; 327934E, 6272494N; WD: 33,1 m													
AGE	SCALE (m)	LITHOLOGY	NOTES										
			MUD			SAND			GRAVEL				
			-clay	-silt	-vf	-f	-m	-c	-vc	-gran	-pebb	-cobb	-boul
HS	1		0-350 cm: SAND, fine and medium grey Bivalves: Spisula, Ensis, Tellina										
	2												
	3												

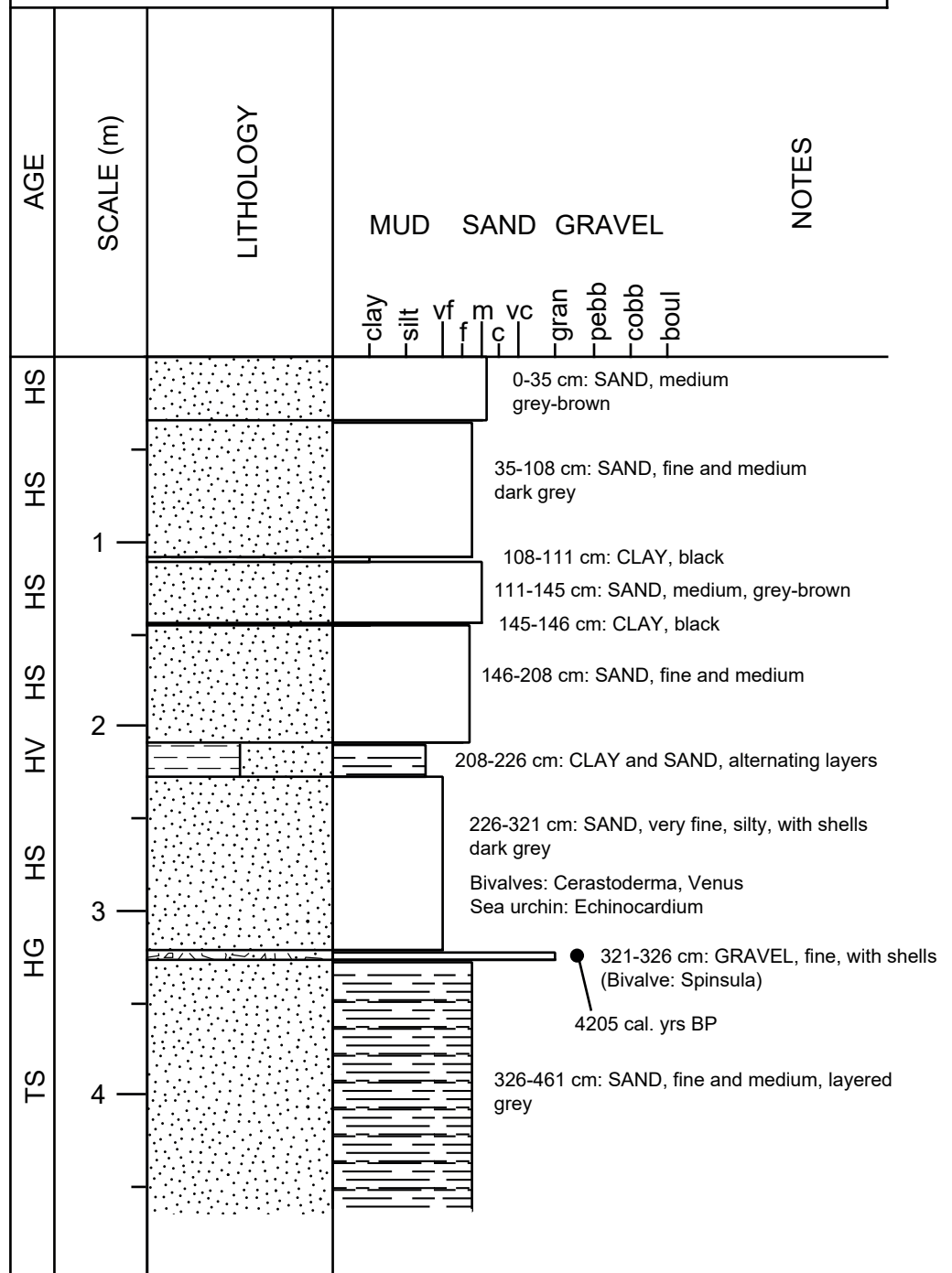
B-2; DGU 560613.10; UTM zone 32N; 326491E, 6270826N; WD: 28,1 m

AGE		SCALE (m)	LITHOLOGY	MUD SAND GRAVEL											NOTES
				clay	silt	vf	f	m	vc	gran	pebb	cobb	boul		
HS	HS														
		1													0-60 cm: SAND, medium with some coarse light yellow-brown
		2													
		3													60-550 cm: SAND, medium grey Bivalves: Spisula, Ensis
		4													
		5													



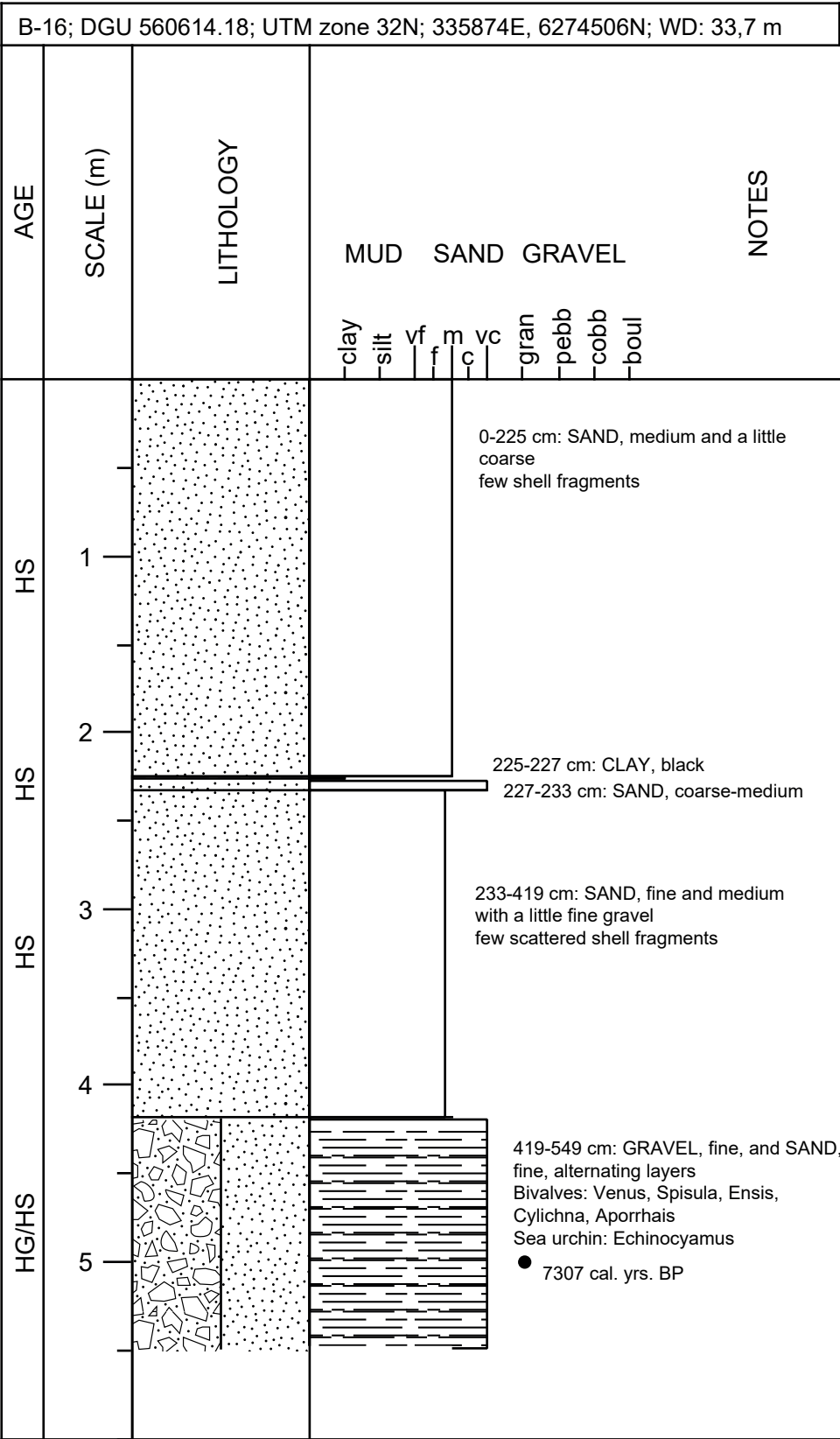
B-5; DGU 560614.12; UTM zone 32N; 331419E, 6272205N; WD: 32 m												
AGE	SCALE (m)	LITHOLOGY	NOTES									
			MUD		SAND		GRAVEL					
			clay	silt	vf	m	vc	gran	pebb	cobb	boul	
HS									light yellow-brown			
	1											
	2								0-530 cm: SAND, medium Bivalves: Ensis, Venus, Spisula			
	3											
	4								grey			
	5											

B-11; DGU 560614.16; UTM zone 32N; 334006E, 6275959N; WD: 41 m



B-14; DGU 560614.17; UTM zone 32N; 333048E, 6274489N; WD: 34,5 m

	AGE	LITHOLOGY	MUD SAND GRAVEL	NOTES
			-clay -silt vf f m vc gran pebb cobb boul	
HS				0-30 cm: SAND, medium and coarse
1				
2				
3				
4				
5				
HS				30-586 cm: SAND, medium and a little coarse few shell fragments dark grey

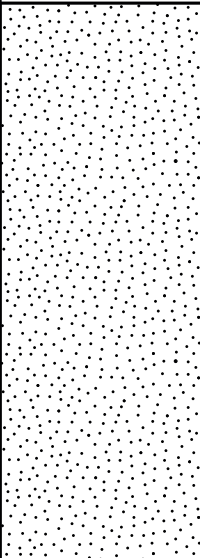
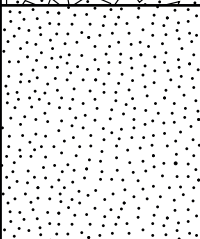
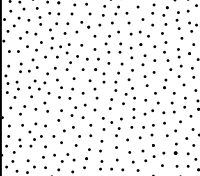


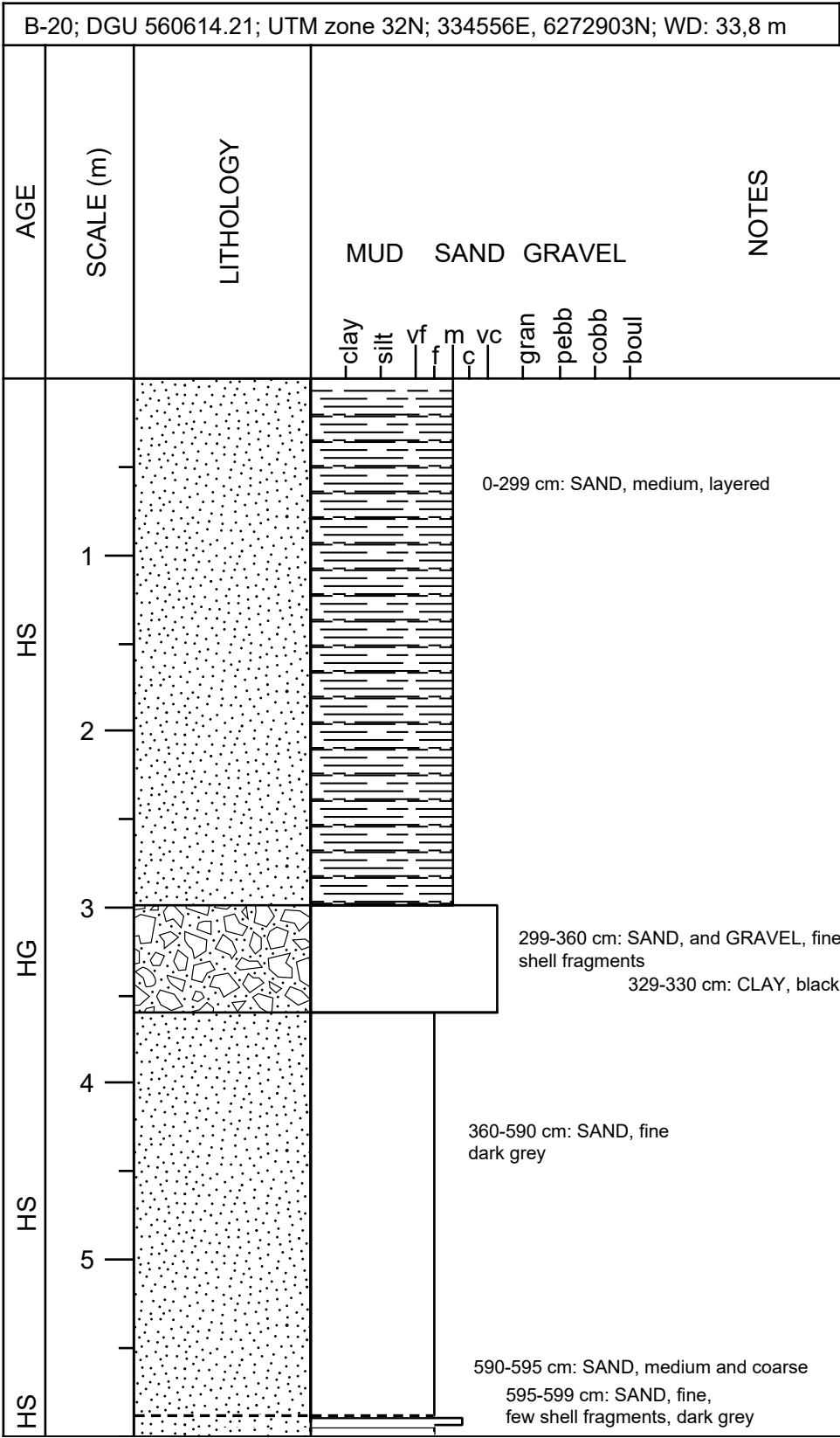
B-17; DGU 560613.11; UTM zone 32N; 329976E, 6272939N; WD: 30,5 m

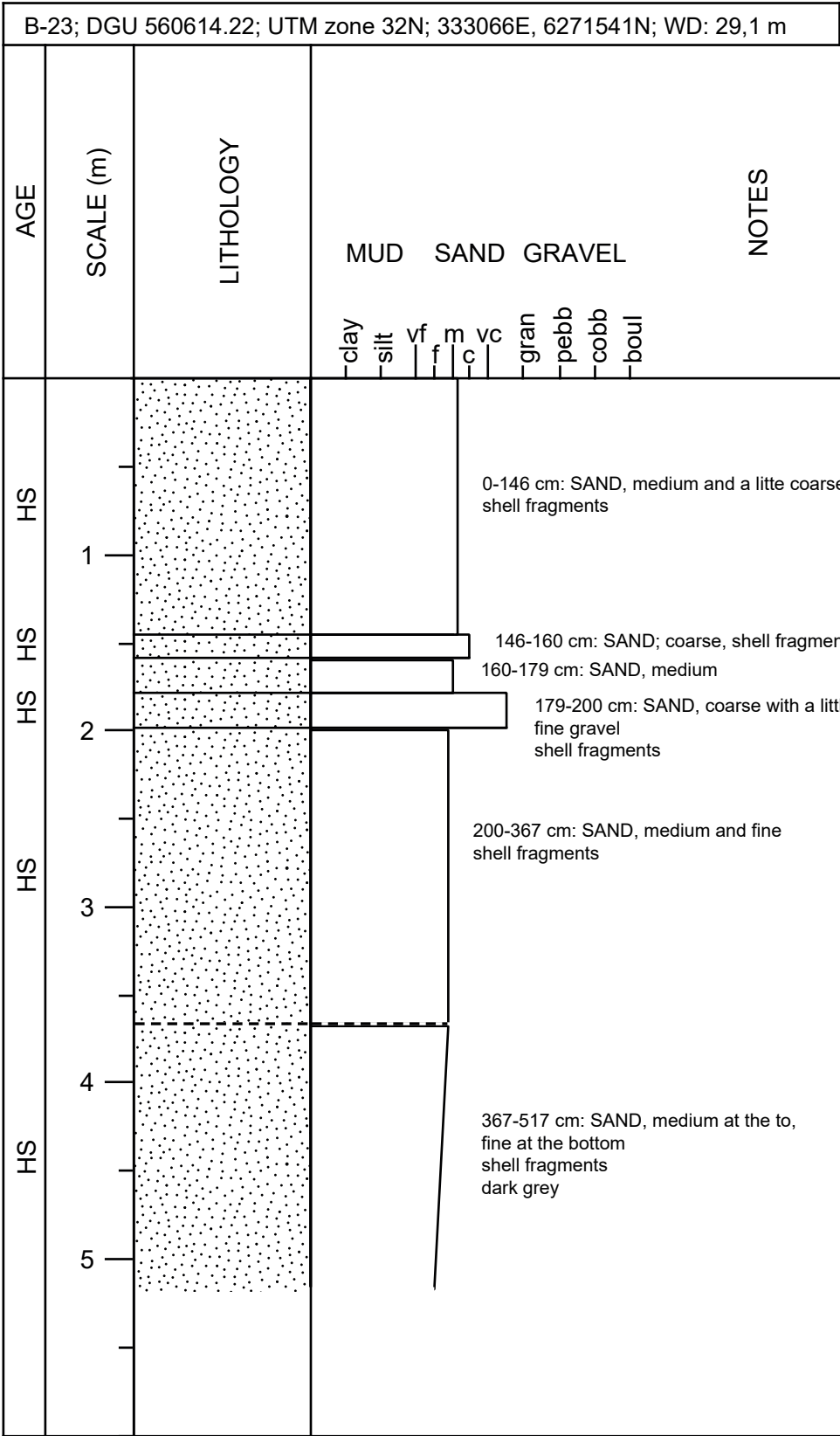
AGE		SCALE (m)	LITHOLOGY											NOTES
				MUD	SAND	GRAVEL								
				-clay -silt vf f m c			gran pebb cobb boul							
HS	HS											0-60 cm: SAND, medium and a litte fine		
	HS											60-70 cm: SAND, coarse		
HS	HS											70-82 cm: SAND, medium		
	HS											82-94 cm: SAND, coarse		
HS	1											133-134 cm: CLAY, black		
	2											195-196 cm: CLAY, black		
	3											94-546 cm: SAND, medium and fine few shell fragments		
	4													
	5													

B-18; DGU 560614.19; UTM zone 32N; 331468E, 6272987N; WD: 31,5 m												
AGE	SCALE (m)	LITHOLOGY	NOTES									
			MUD		SAND		GRAVEL					
			-clay	-silt	vf	m	vc	-gran	-pebb	-cobb	-boul	
HS												0-30 cm: SAND, medium and coarse, yellow
HS	1											30-290 cm: SAND, alternating layers of medium and coarse
HS	2											
HS	3											290-313 cm: SAND, medium 313-314 cm: CLAY, dark grey
HS	4											314-410 cm: SAND, medium, layered
HS	5											410-600 cm: SAND, fine scattered shells

B-19; DGU 560614.20; UTM zone 32N; 332992E, 6272991N; WD: 29,9 m

AGE	SCALE (m)	LITHOLOGY	MUD SAND GRAVEL										NOTES
			MUD			SAND			GRAVEL				
			-clay	-silt	-vf	-m	-vc	-gran	-pebb	-cobb	-boul		
HS	1												0-280 cm: SAND, medium scattered shells
HS	3												280-310 cm: SAND and GRAVEL, fine shells
HS	4												310-430 cm: SAND, medium scattered shells
HS													430-445 cm: GRAVEL, fine shell fragments
HS	5												445-534 cm: SAND, medium scattered shells

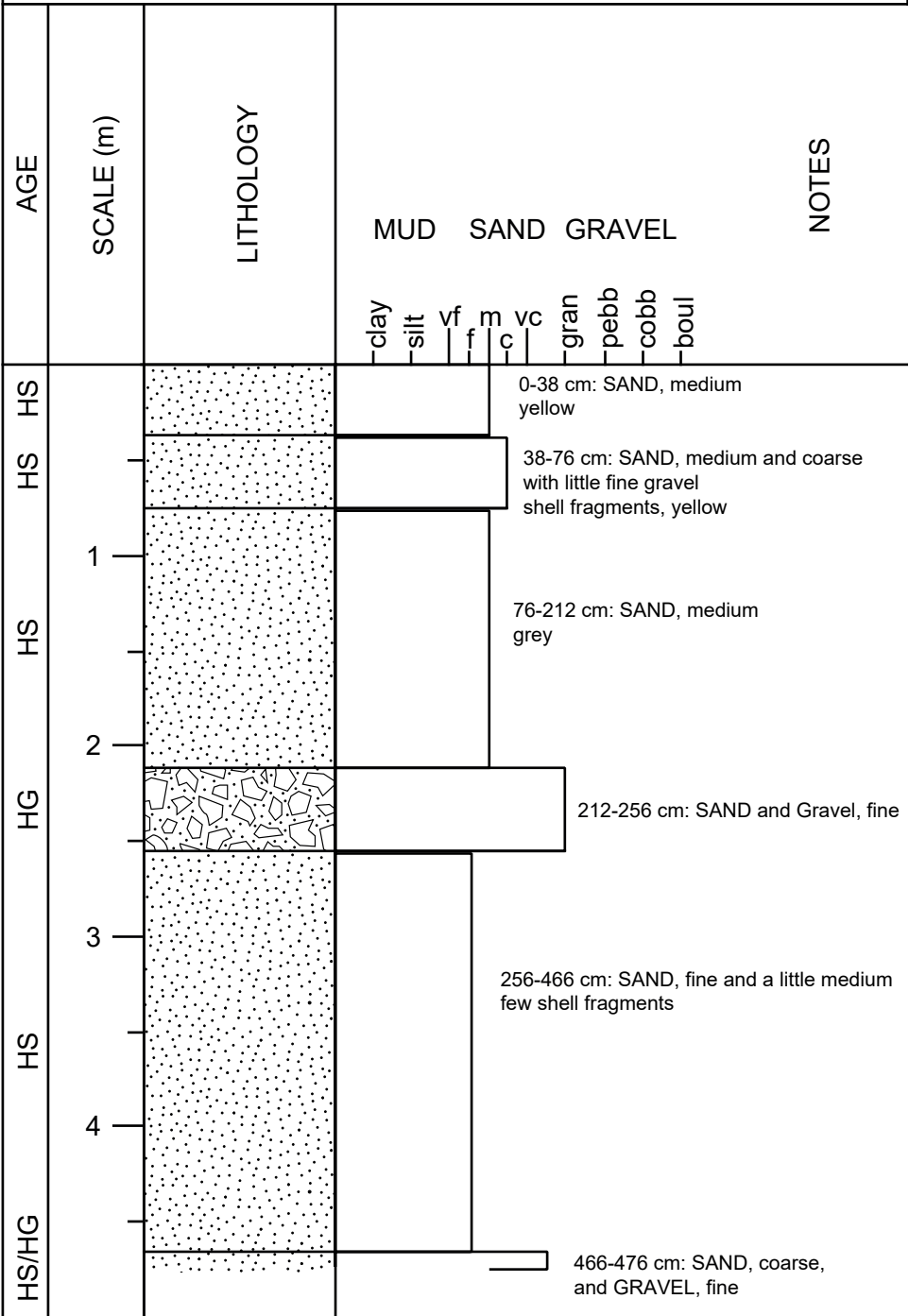


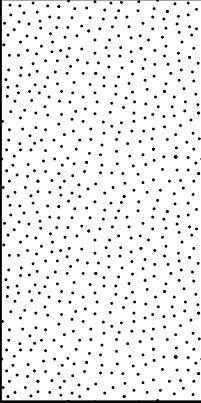
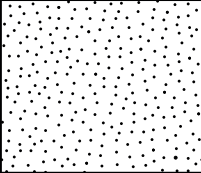
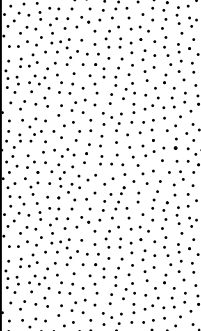


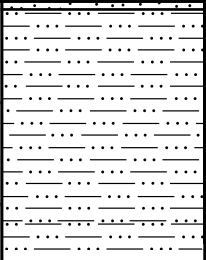
B-26; DGU 560614.23; UTM zone 32N; 331533E, 6269321N; WD: 32 m

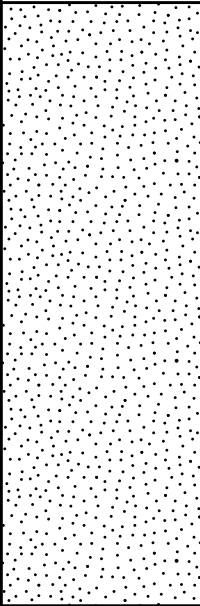
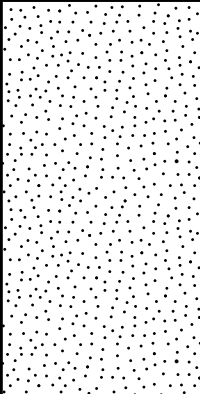
AGE	SCALE (m)	LITHOLOGY	NOTES									
			MUD	SAND	GRAVEL							
			clay	silt	vf	m	vc	gran	pebb	cobb	boul	
	HS											0-121 cm: SAND, medium and coarse shell fragments yellow
	HS											121-269 cm: SAND, medium and coarse shell fragments grey
	HG											269-292 cm: GRAVEL and SAND
	HS?											292-395 cm: SAND, fine and a little medium scattered, poorly preserved shell fragments
	HS HG											395-405 cm: GRAVEL, and SAND shell fragments
	HS HG											405-415 cm: SAND, fine as at 292-395 cm ? contamination

B-28; DGU 560614.24; UTM zone 32N; 331201E, 6270570N; WD: 33 m



B-29; DGU 560614.25; UTM zone 32N; 333999E, 6270630N; WD: 30,5 m											
AGE	SCALE (m)	LITHOLOGY	MUD SAND GRAVEL				NOTES				
			clay	silt	vf	m	vc	gran	pebb	cobb	boul
HS	1						0-200 cm: SAND, medium and coarse shell fragments, yellow				
	2										
HS							200-287 cm: SAND, fine and medium scattered shell fragments dark grey				
HG	3						287-302 cm: GRAVEL, fine, and SAND coarse, worn shell fragments				
HS	4						Bivalves: Cerastoderma, Macoma balthica, Abra Barnacle: Balanus crenatus 302-472 cm: SAND, fine and medium scattered, worn shell fragments some non-worn but poorly preserved light brown				

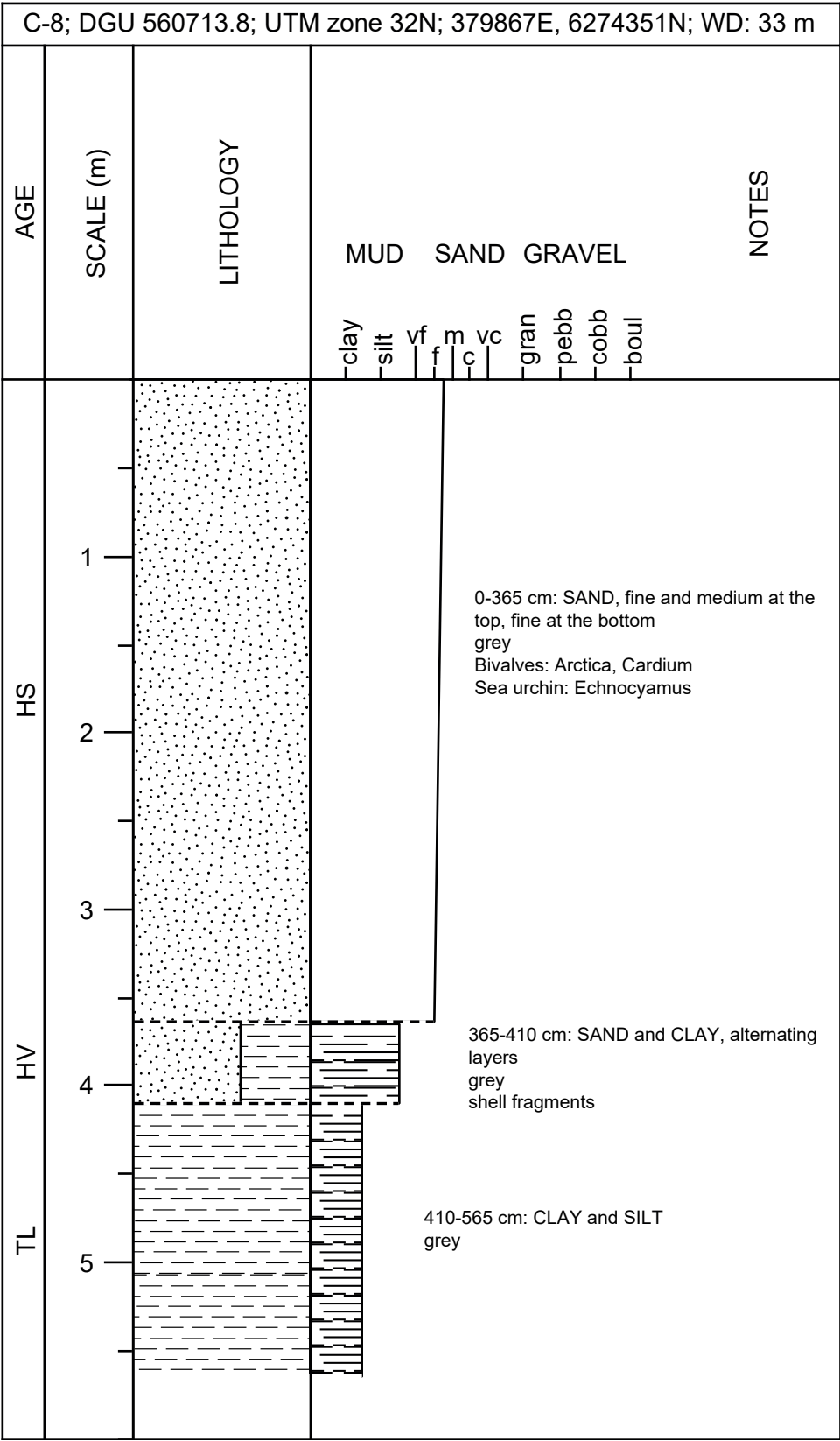
C-1; DGU 560713.4; UTM zone 32N; 379646E, 6269847N; WD: 35 m				
AGE		SCALE (m)	LITHOLOGY	NOTES
TI	HS			
		1		clay silt vf m vc gran pebb cobb boul 2.5Y 6/3 lys gulbrun - 0-5 cm: SAND, medium Bivalve: Venus 5-122 cm: SILT, hard bioturbation? dark grey small rearranged plant fragments

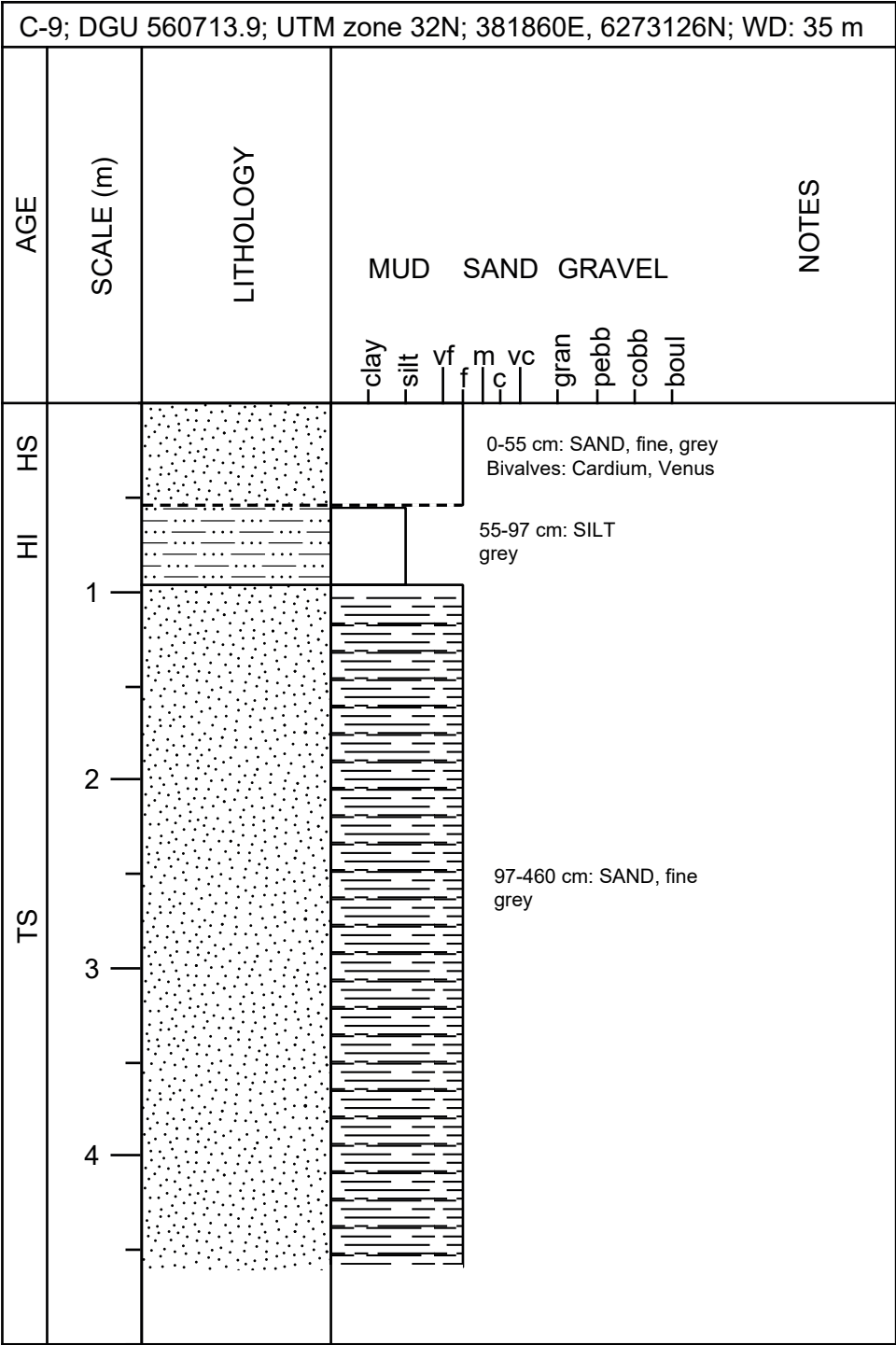
C-3; DGU 560713.5; UTM zone 32N; 387141E, 6267617N; WD: 32 m						
AGE	SCALE (m)	LITHOLOGY	NOTES			
			MUD	SAND	GRAVEL	
			-clay -silt -vf -f -m -c -vc -gran -pebb -cobb -boul			
HS	1					olive-brown
	2					0-300 cm: SAND, fine and some medium dark grey
DS	3					
	4					300-495 cm: SAND, fine, intervals with lumps of clay/silt dark grey

C-5; DGU 560713.6; UTM zone 32N; 380748E, 6271468N; WD: 34 m

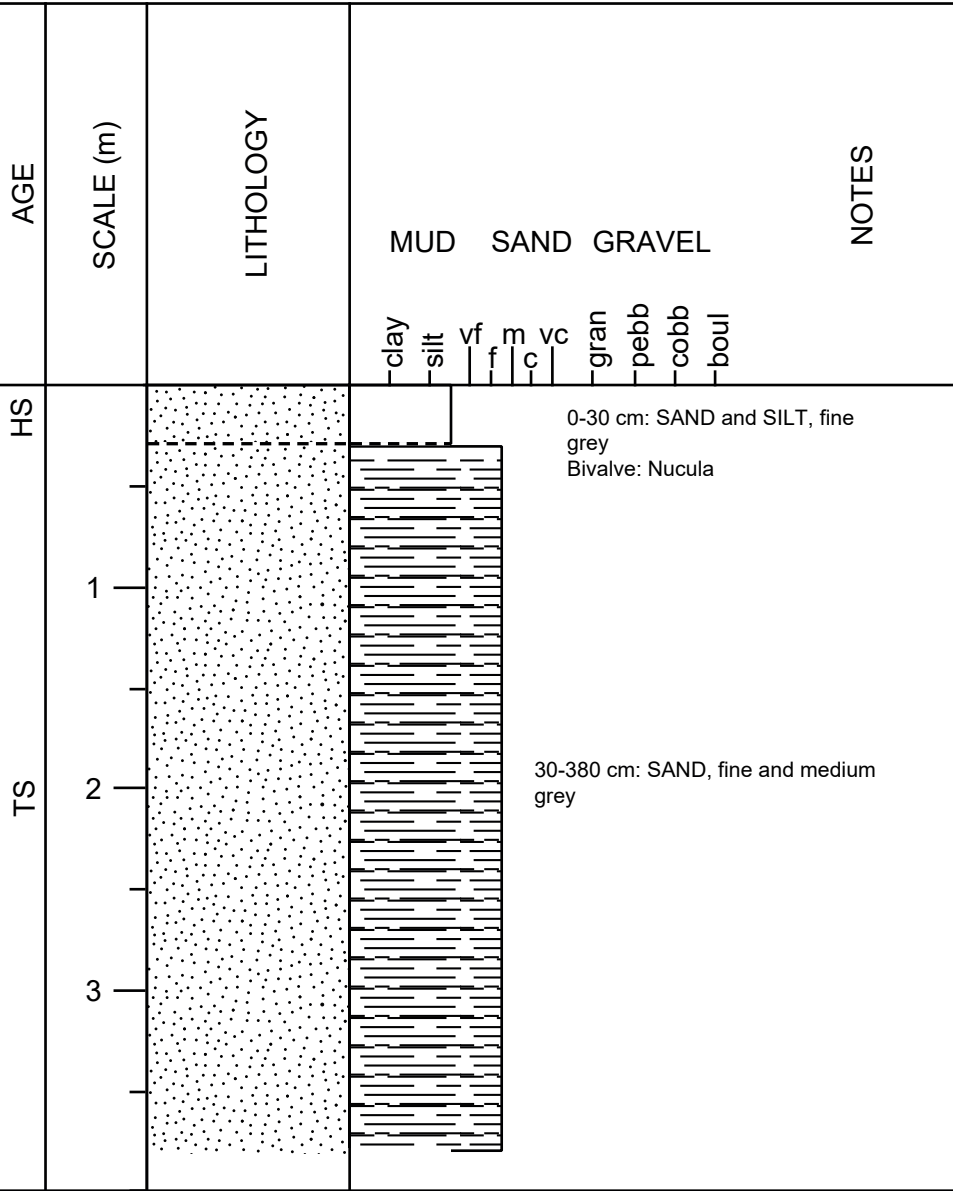
AGE	SCALE (m)	LITHOLOGY	NOTES
			clay silt vf f m c vc gran pebb cobb boul
HS			0-82 cm: SAND, medium dark grey Bivalves: Cardium, Spisula, Arctica strongly disturbed at layer boundary
HI	1		82-152 cm: silt, 2.5Y 5/1 grā + strongly disturbed at layer boundary
TL	2		
	3		152-434 cm: CLAY grey
	4		

C-6; DGU 560713.7; UTM zone 32N; 383166E, 6269989N; WD: 32 m				
AGE	SCALE (m)	LITHOLOGY	MUD SAND GRAVEL	
			clay silt vf f m c vc gran pebb cobb boul	NOTES
TS	HS	1		0-186 cm: SAND, fine and medium grey Bivalves: Cardium, Ensis, Arctica
	TS	2		
TS	TS	3		186-448 cm: SAND, fine grey
	TS	4		

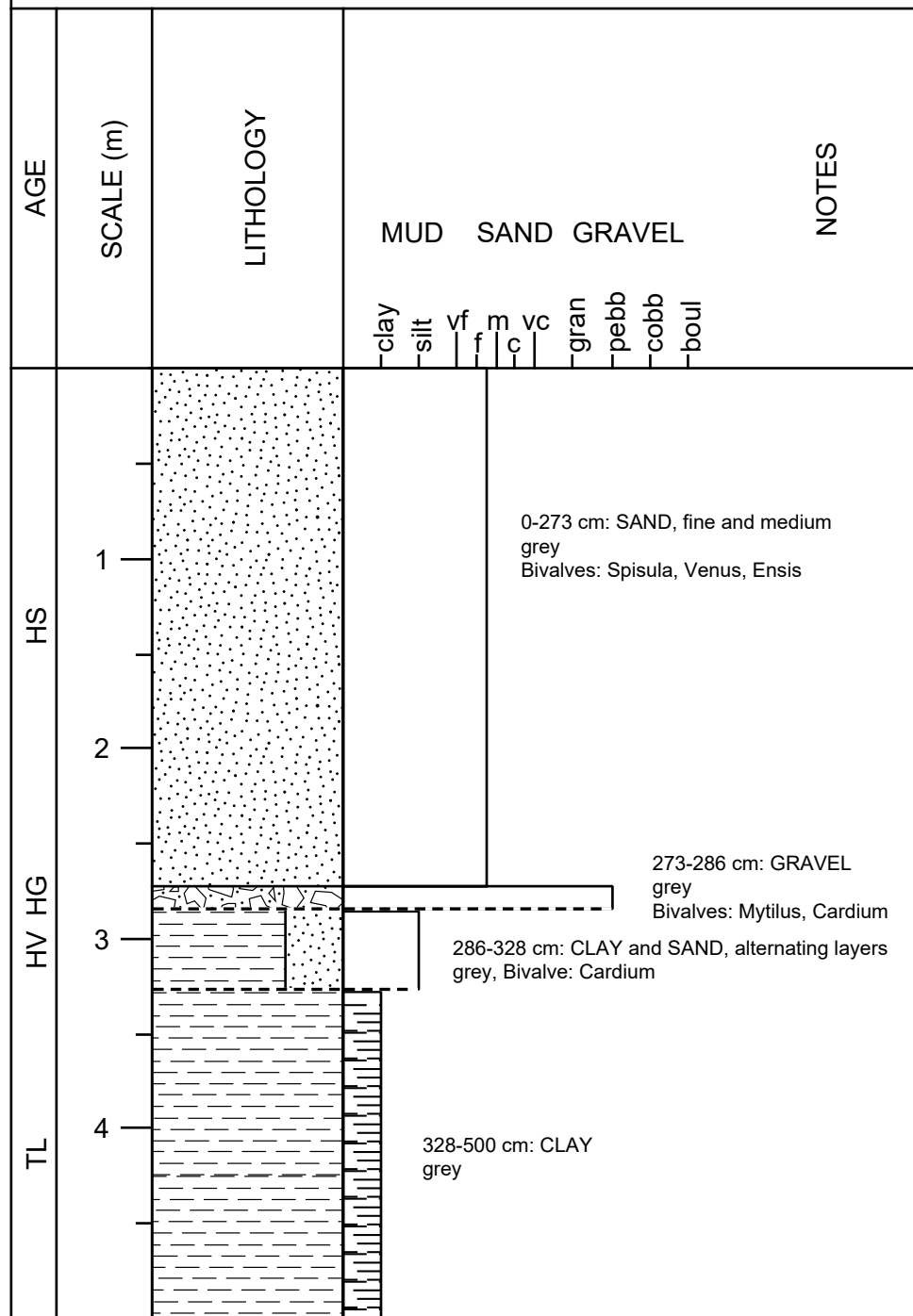


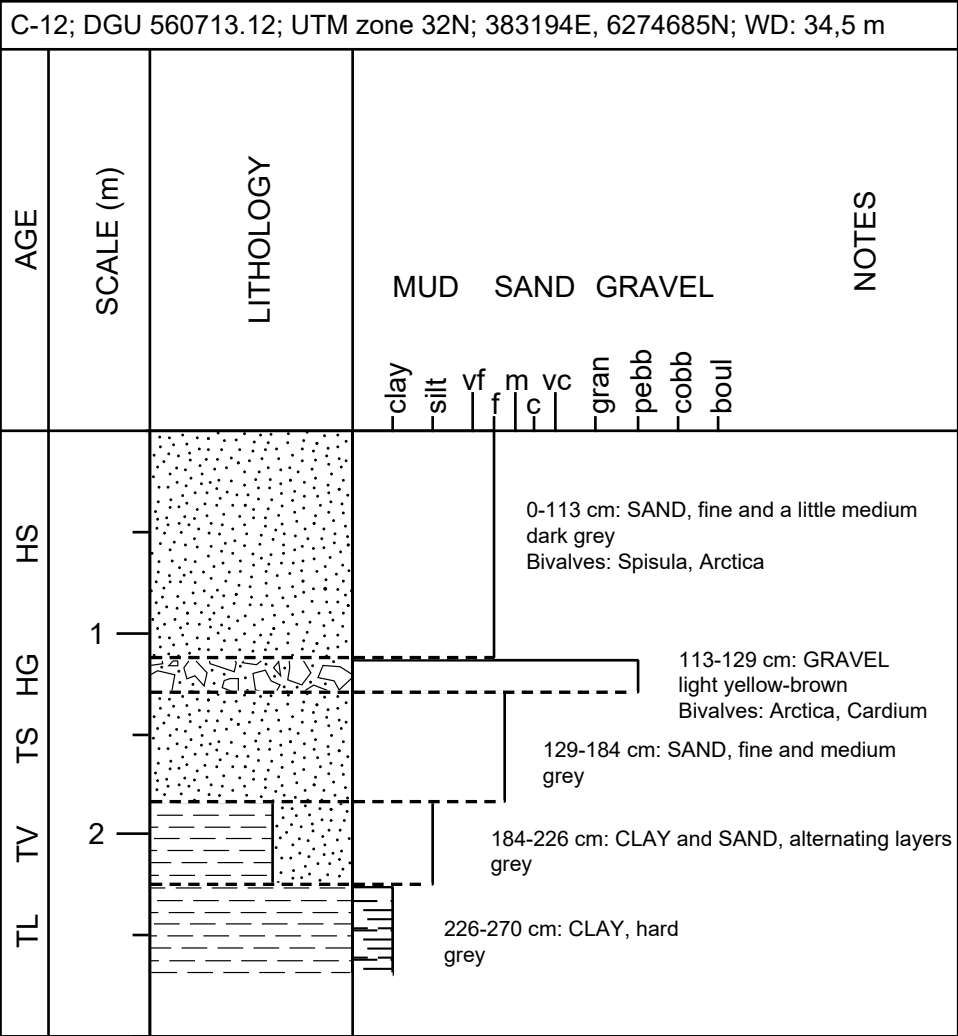


C-10; DGU 560713.10; UTM zone 32N; 383674E, 6272036N; WD: 37 m

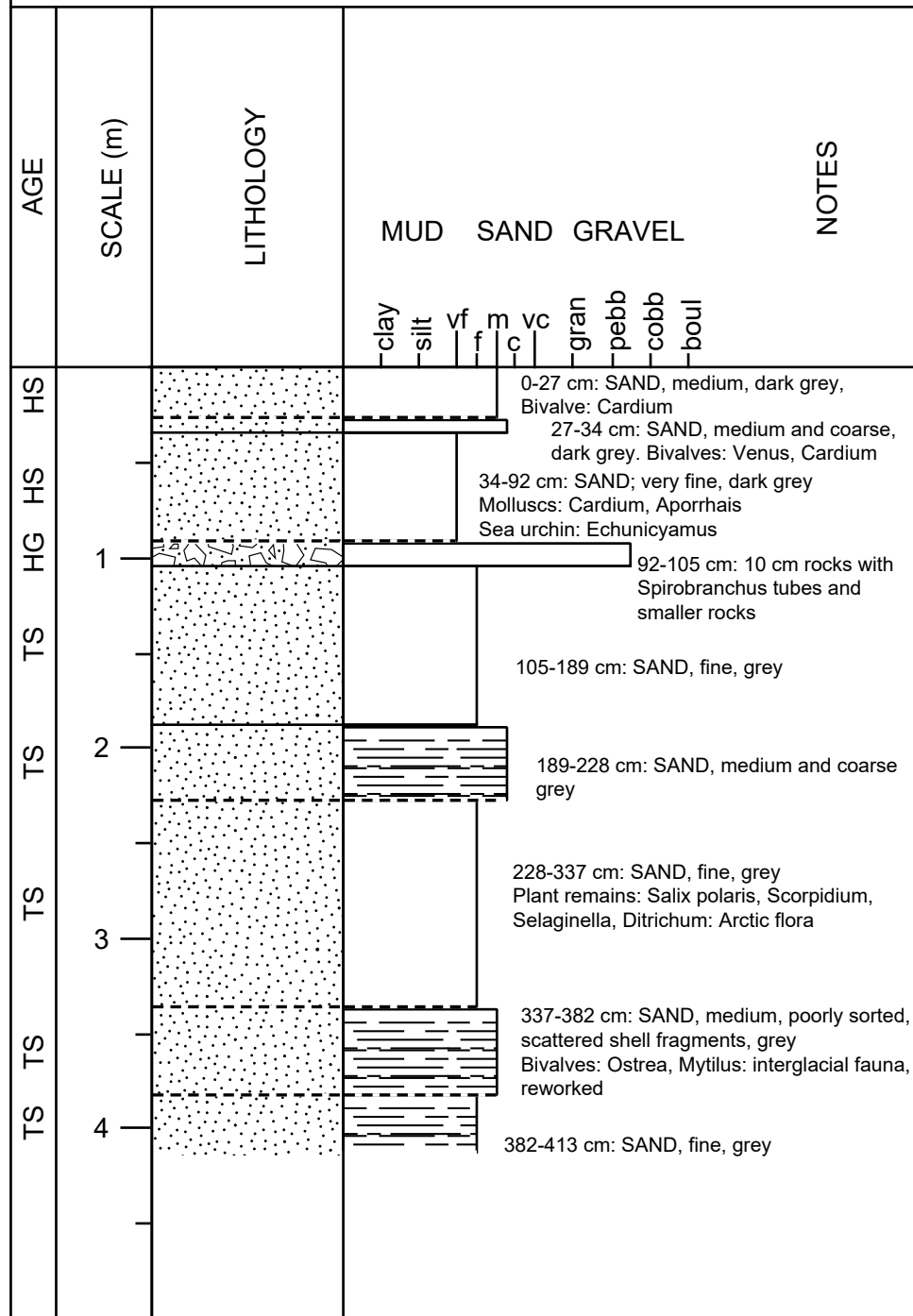


C-11; DGU 560713.11; UTM zone 32N; 380638E, 6276260N; WD: 35 m

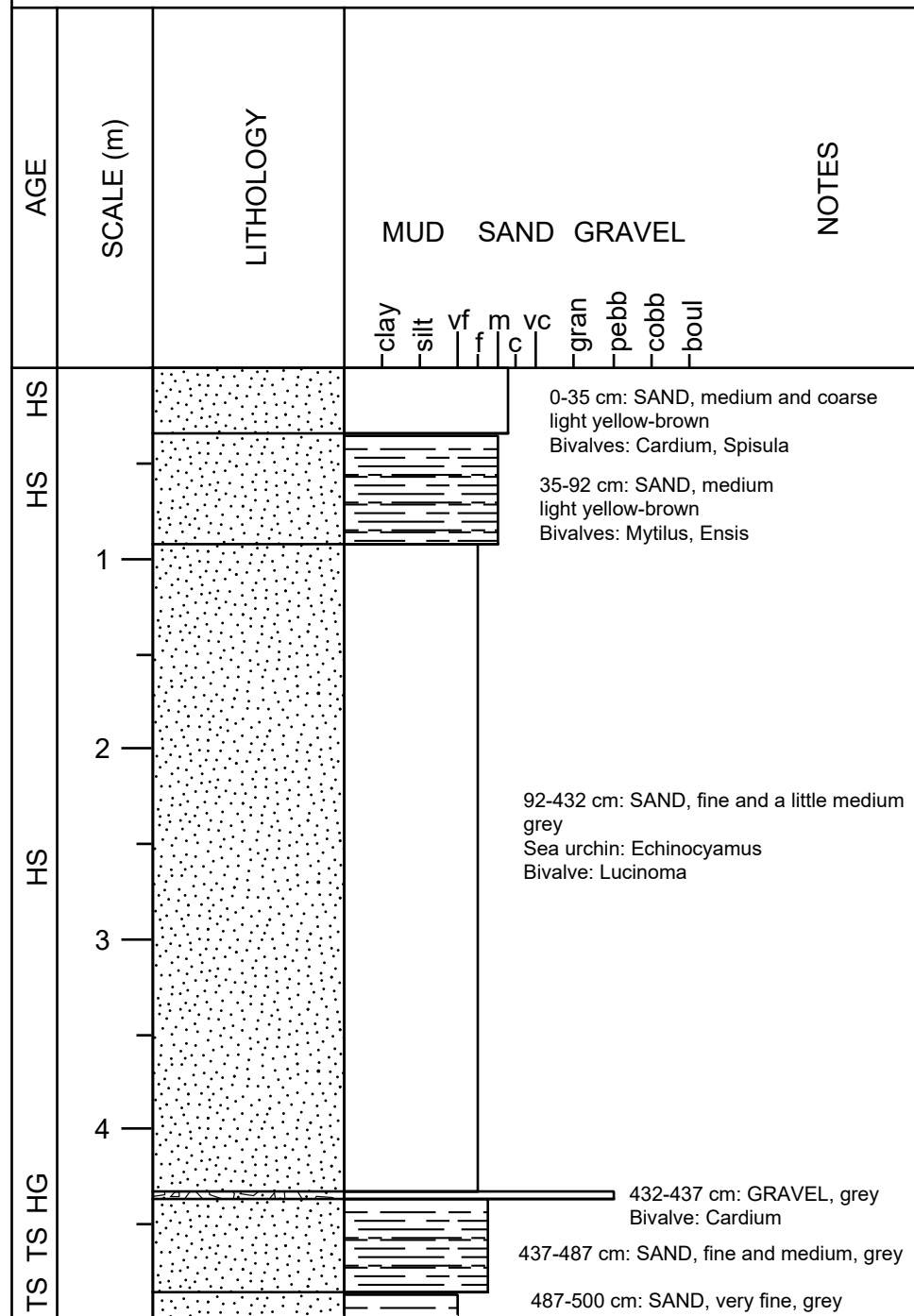




C-13; DGU 560713.13; UTM zone 32N; 385348E, 6273345N; WD: 35 m



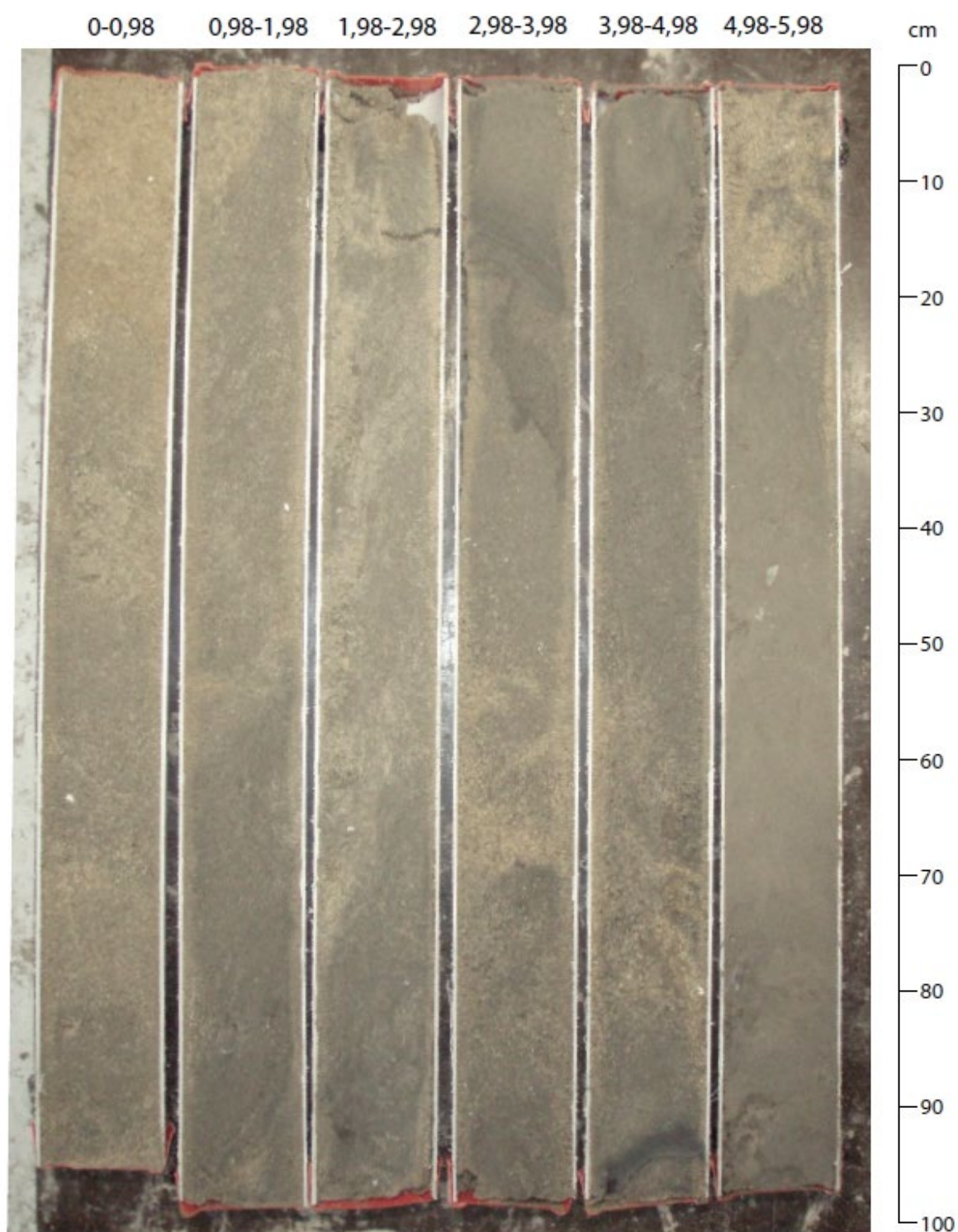
C-16; DGU 560713.14; UTM zone 32N; 383966E, 6276705N; WD: 35 m



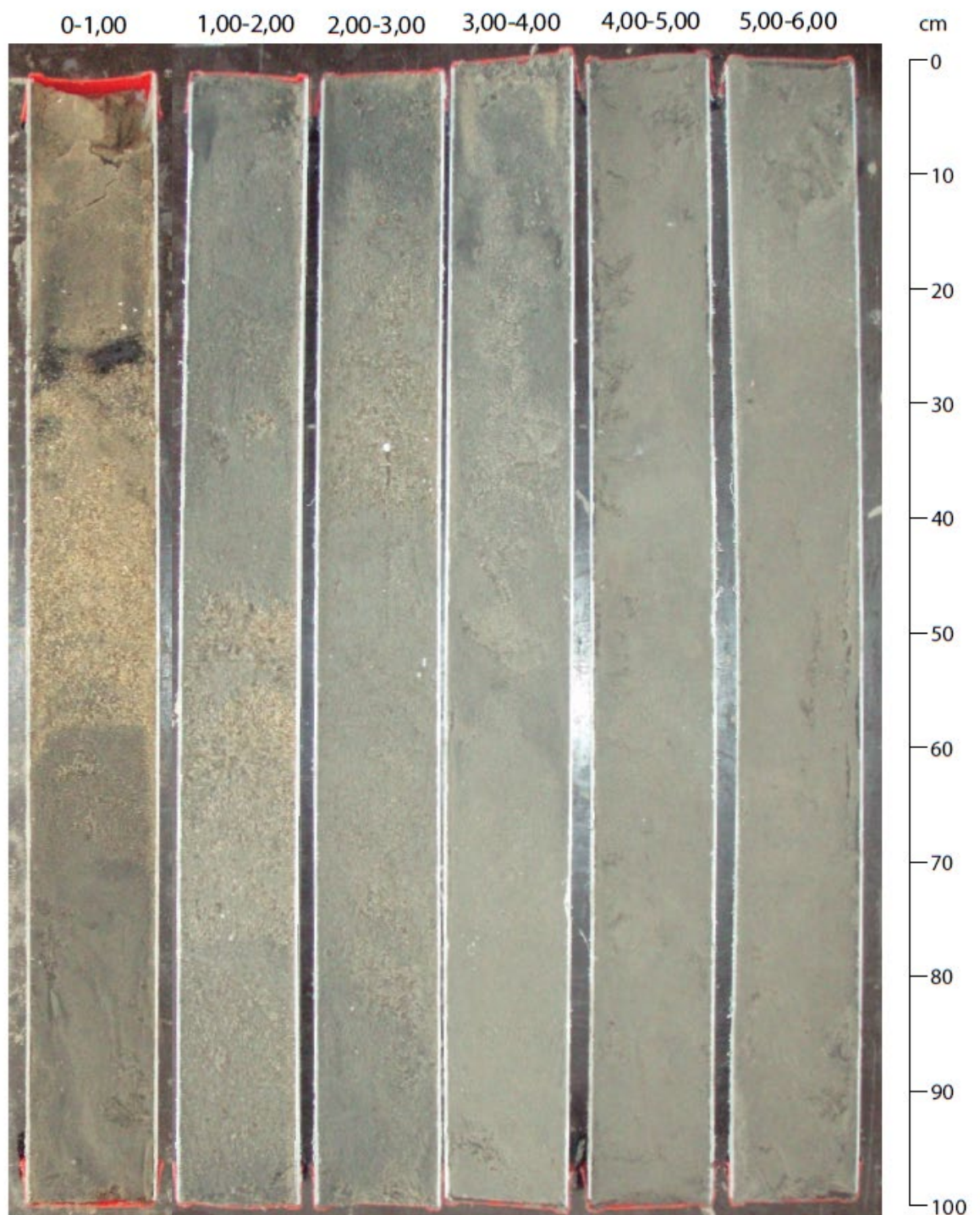
Appendix D3

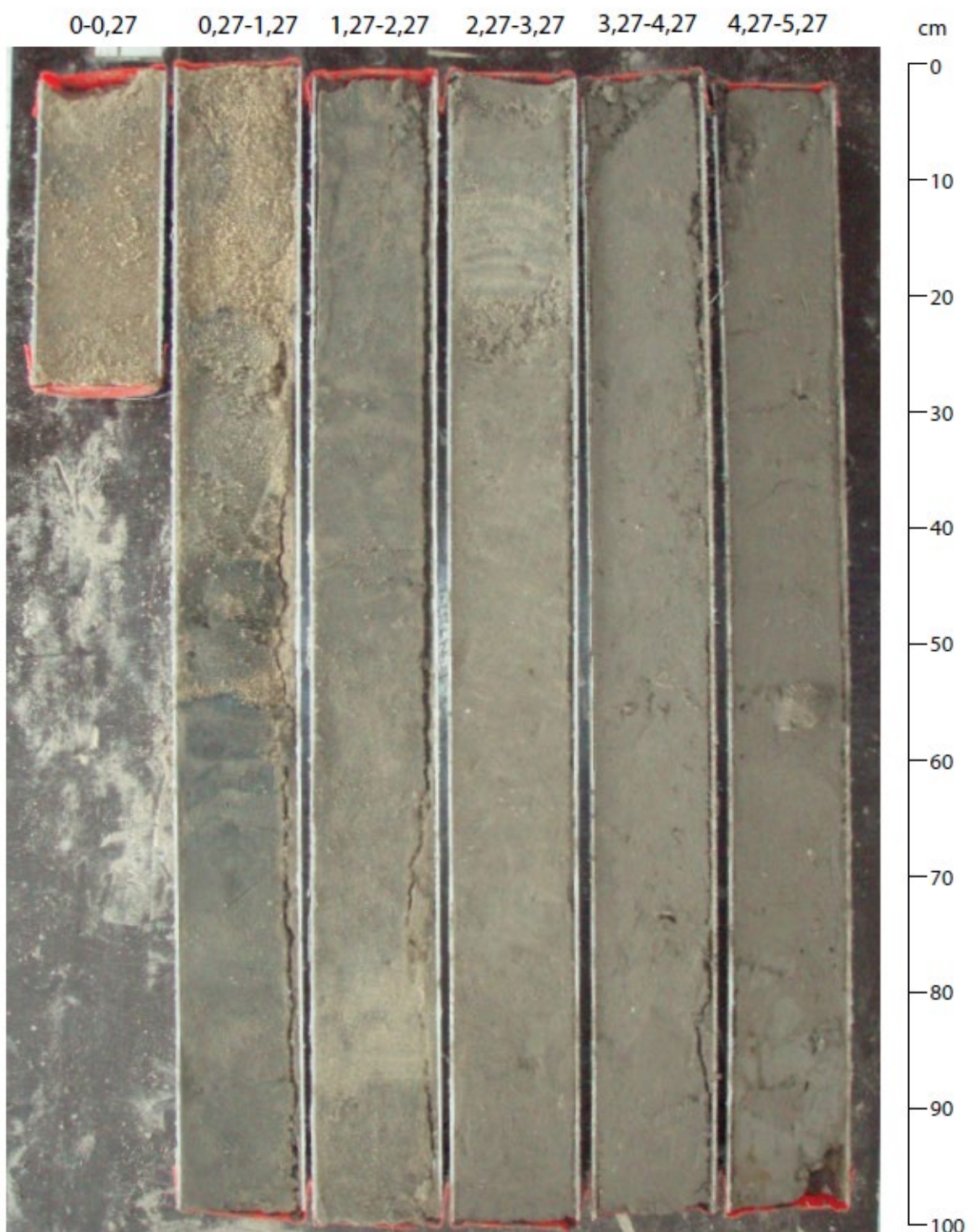
Vibrocore photos: Area A, B, C
(1 m core sections)

A-2

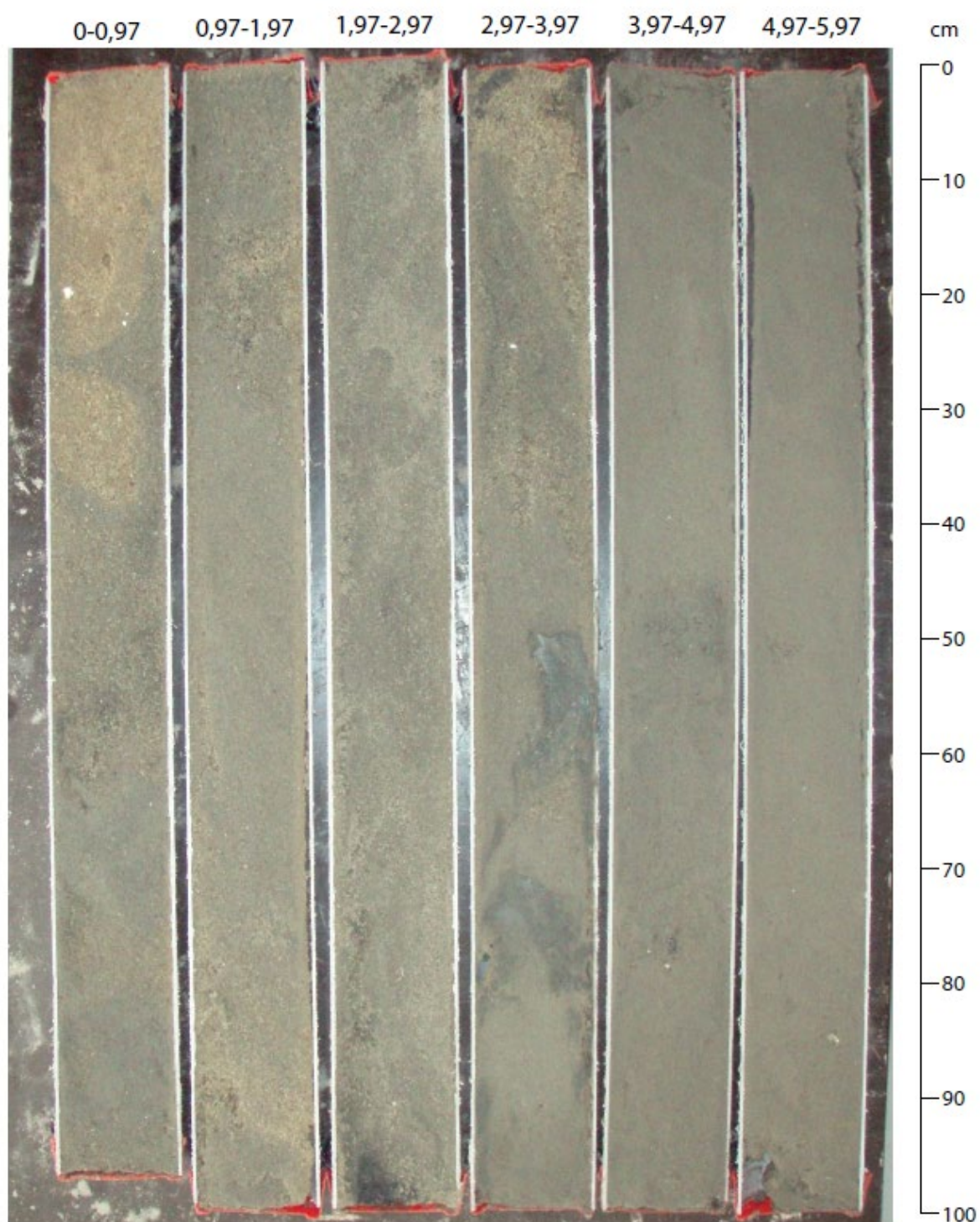


A-3



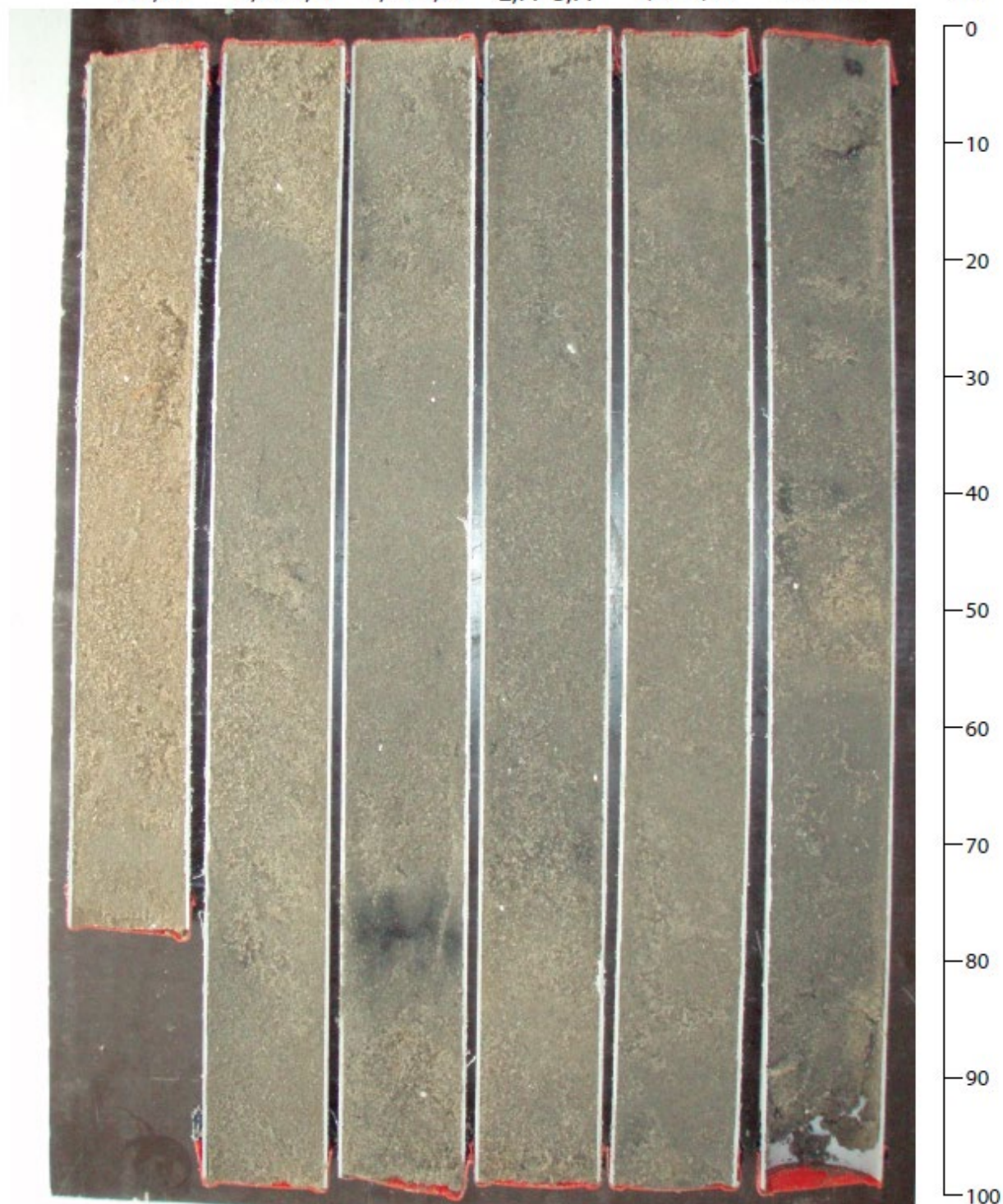


A-5

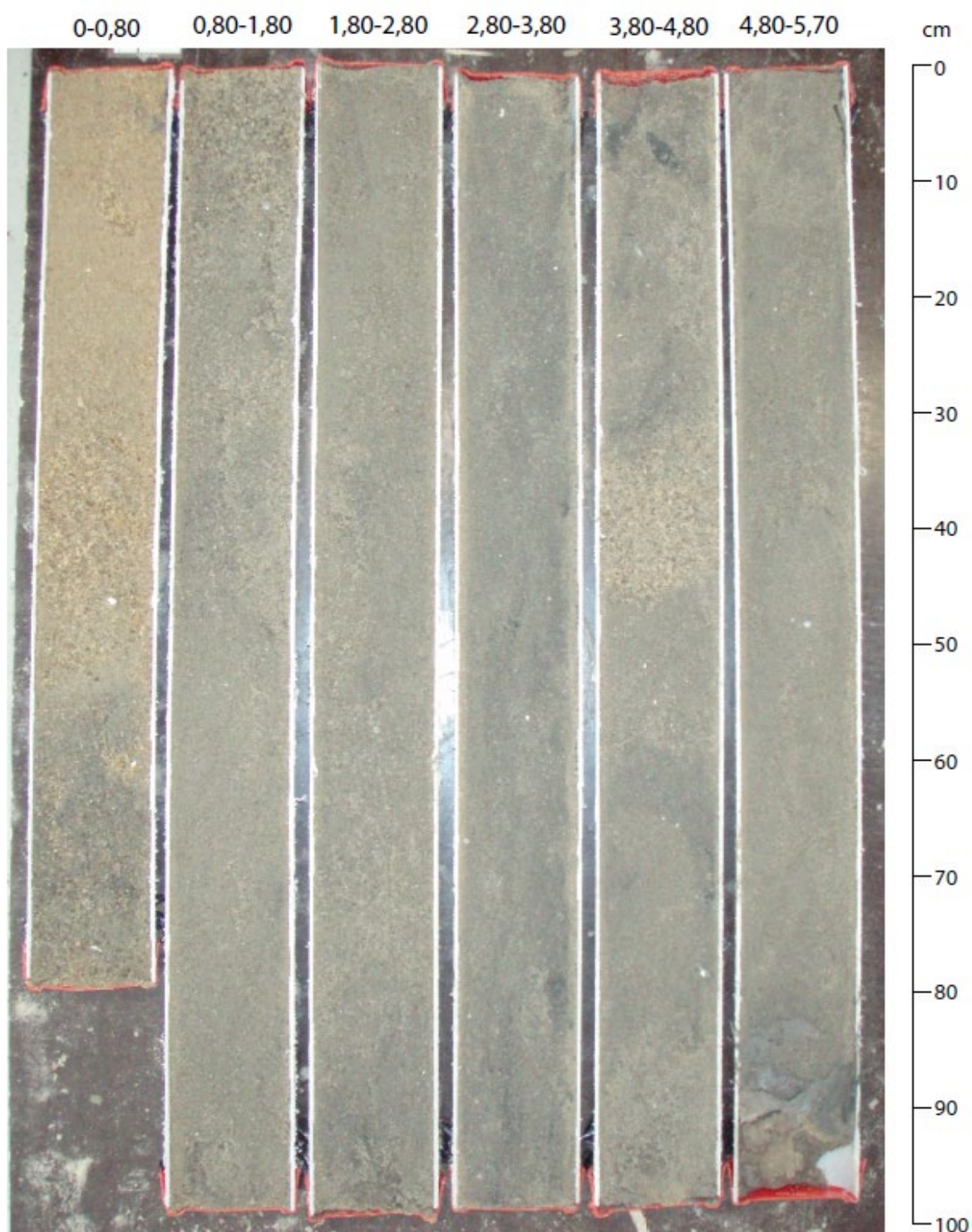


0-0,77 0,77-1,77 1,77-2,77 2,77-3,77 3,77-4,77 4,77-5,67

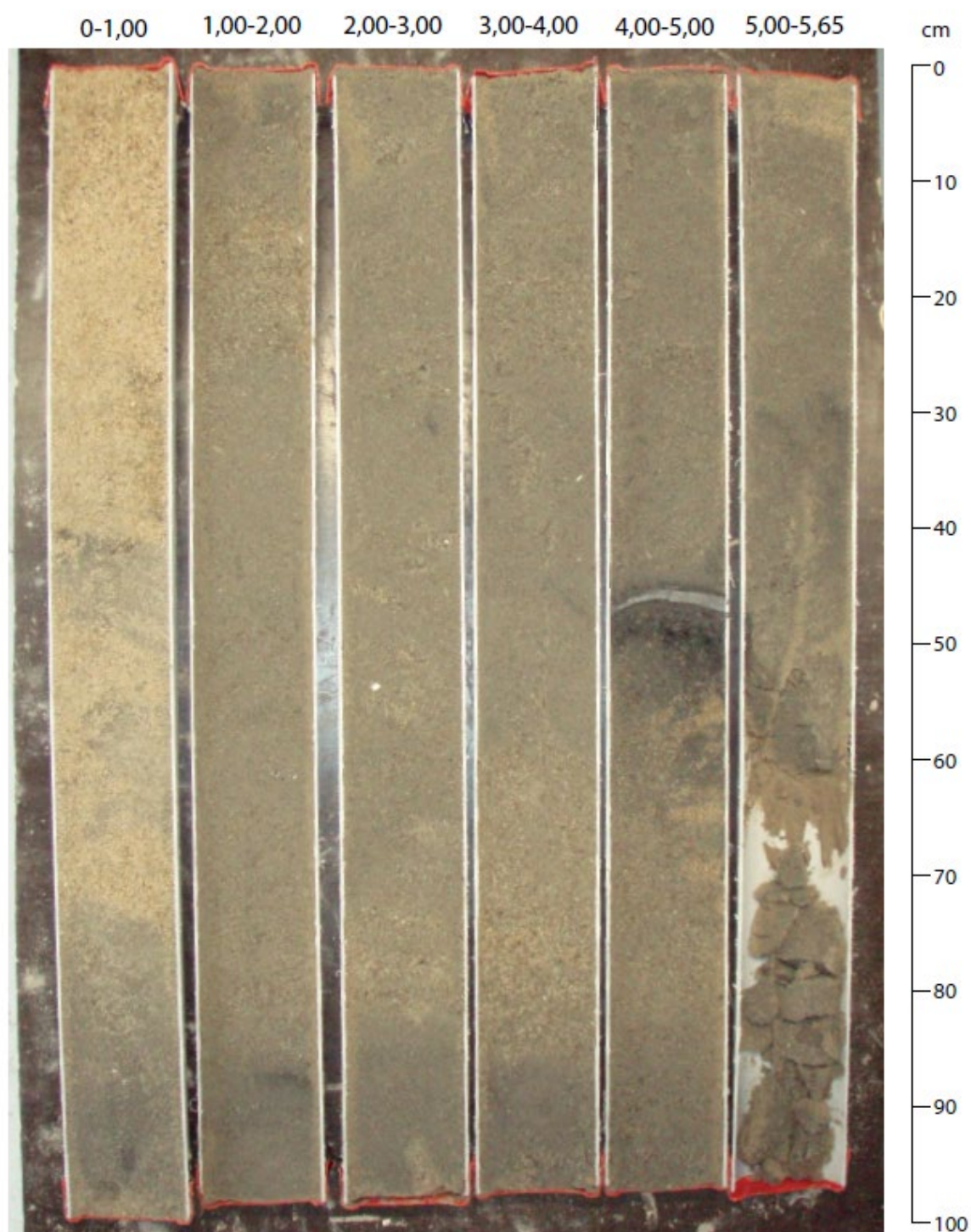
cm

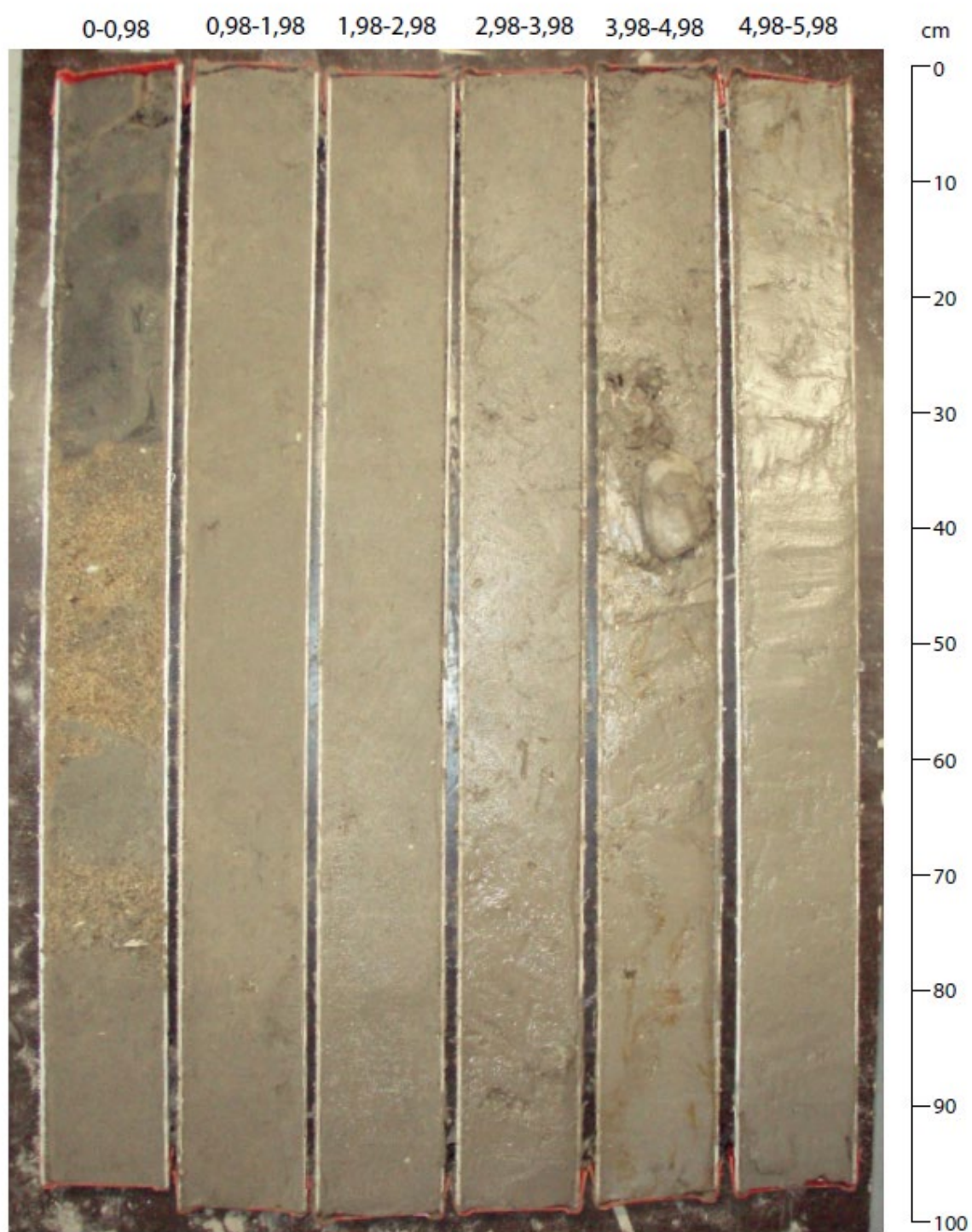


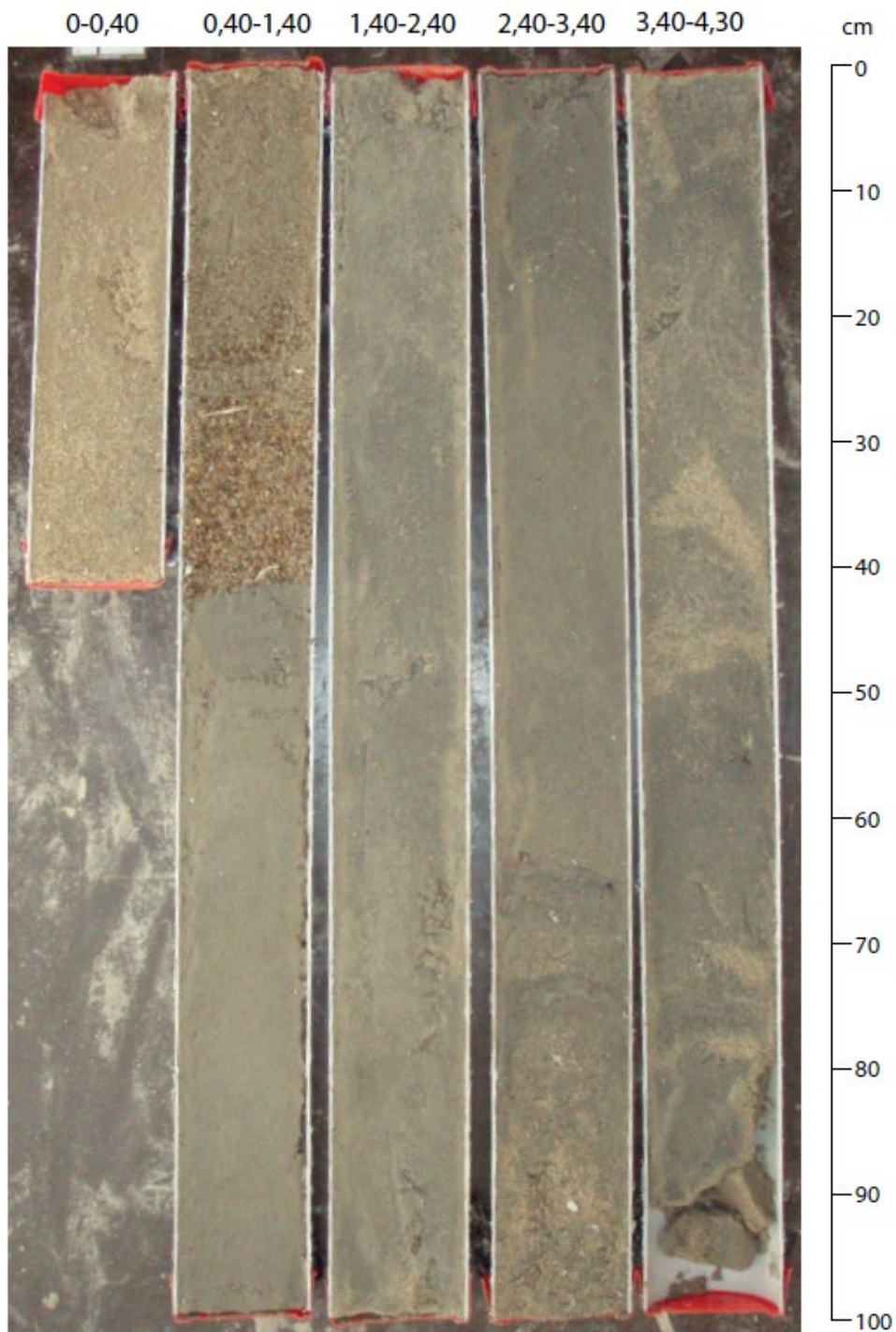
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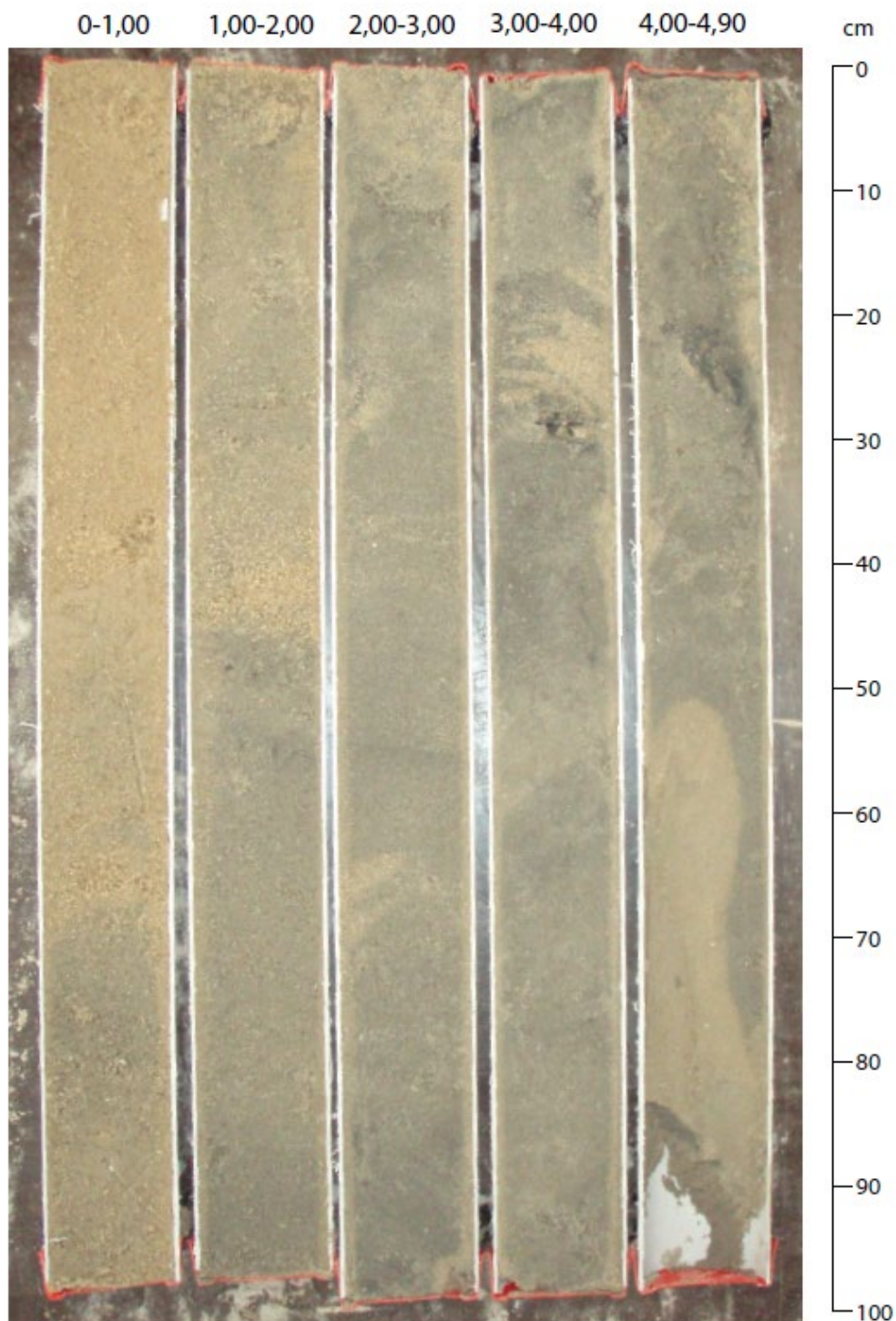


A-9

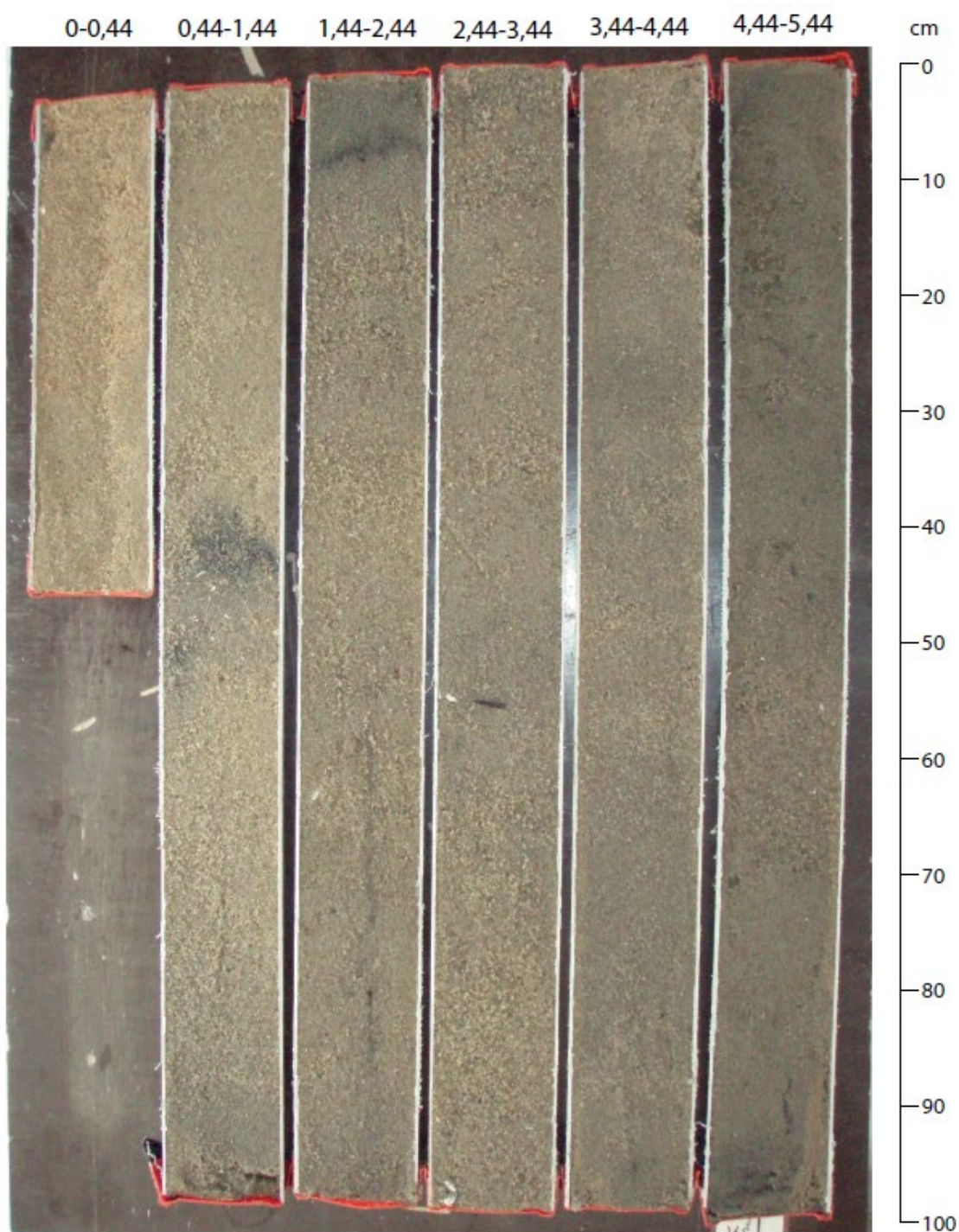




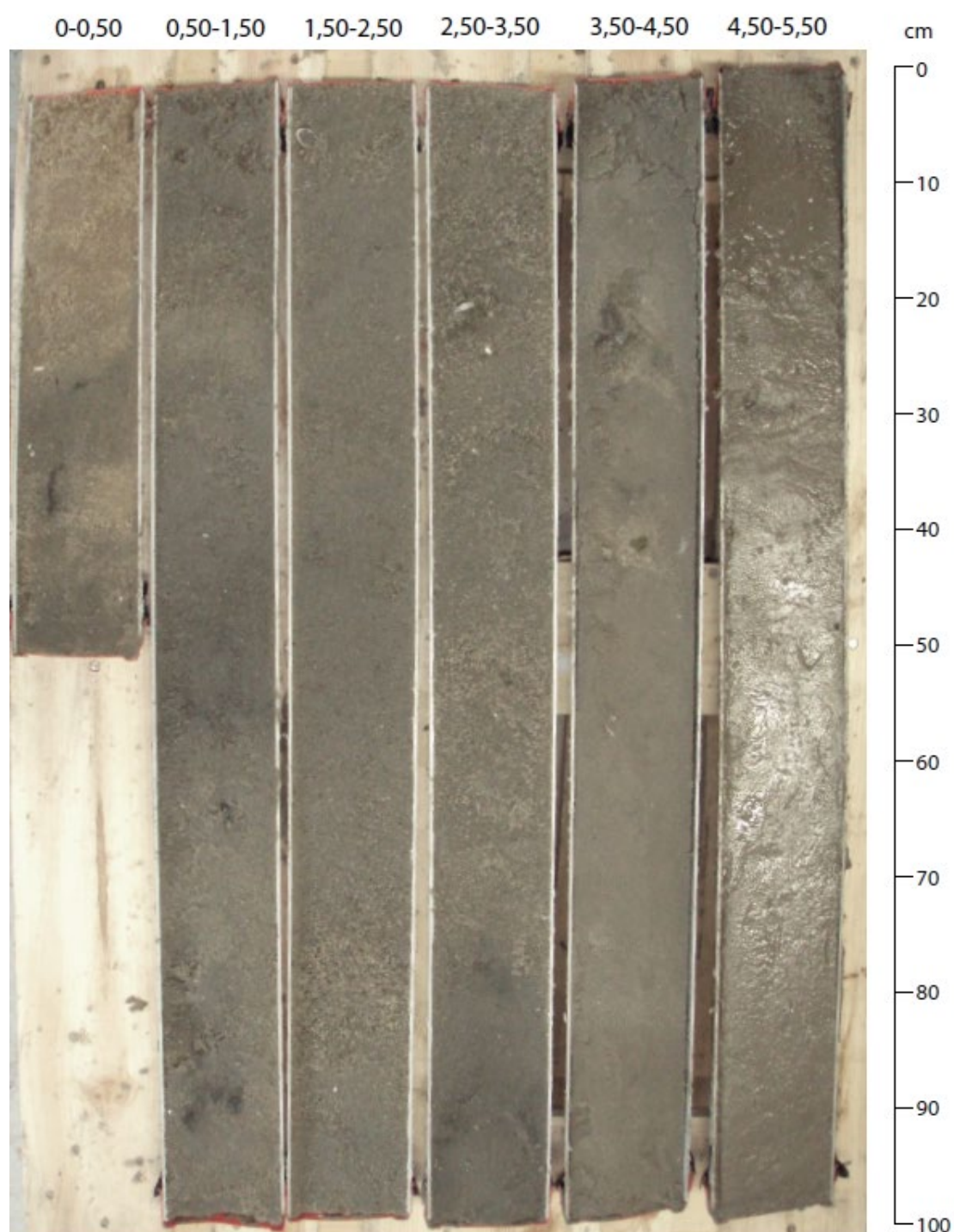




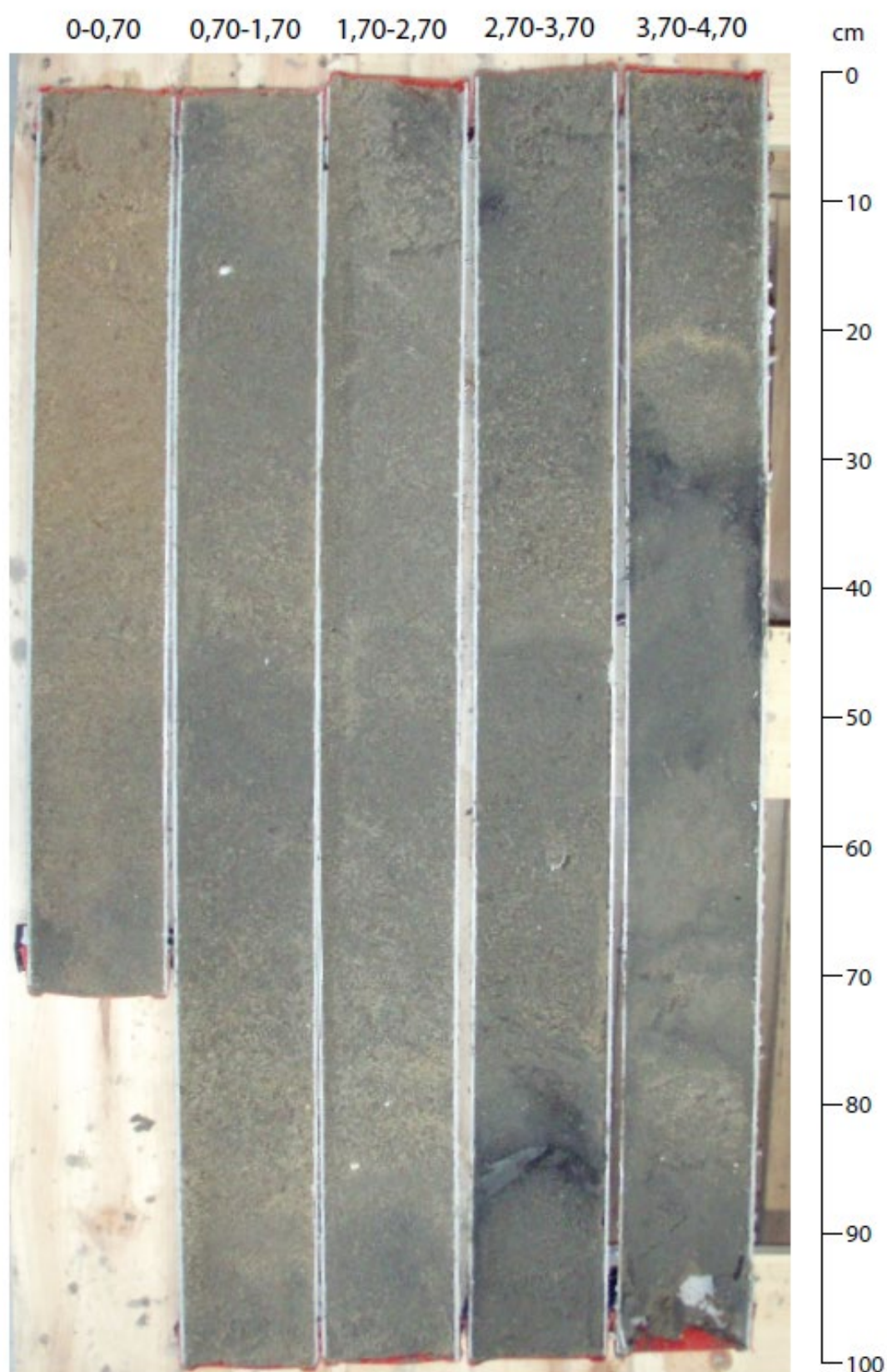
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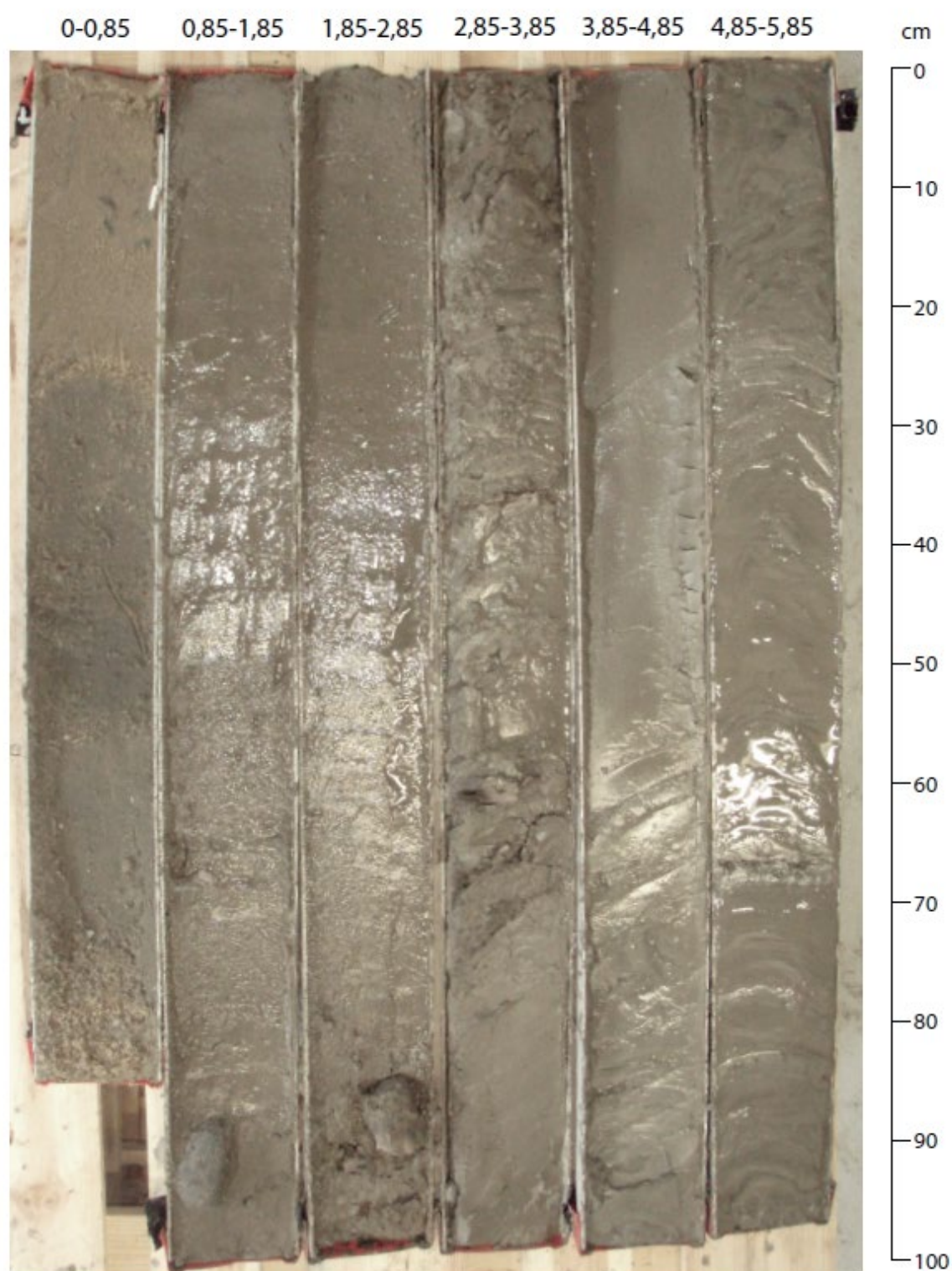
A-29



A-31



A-32



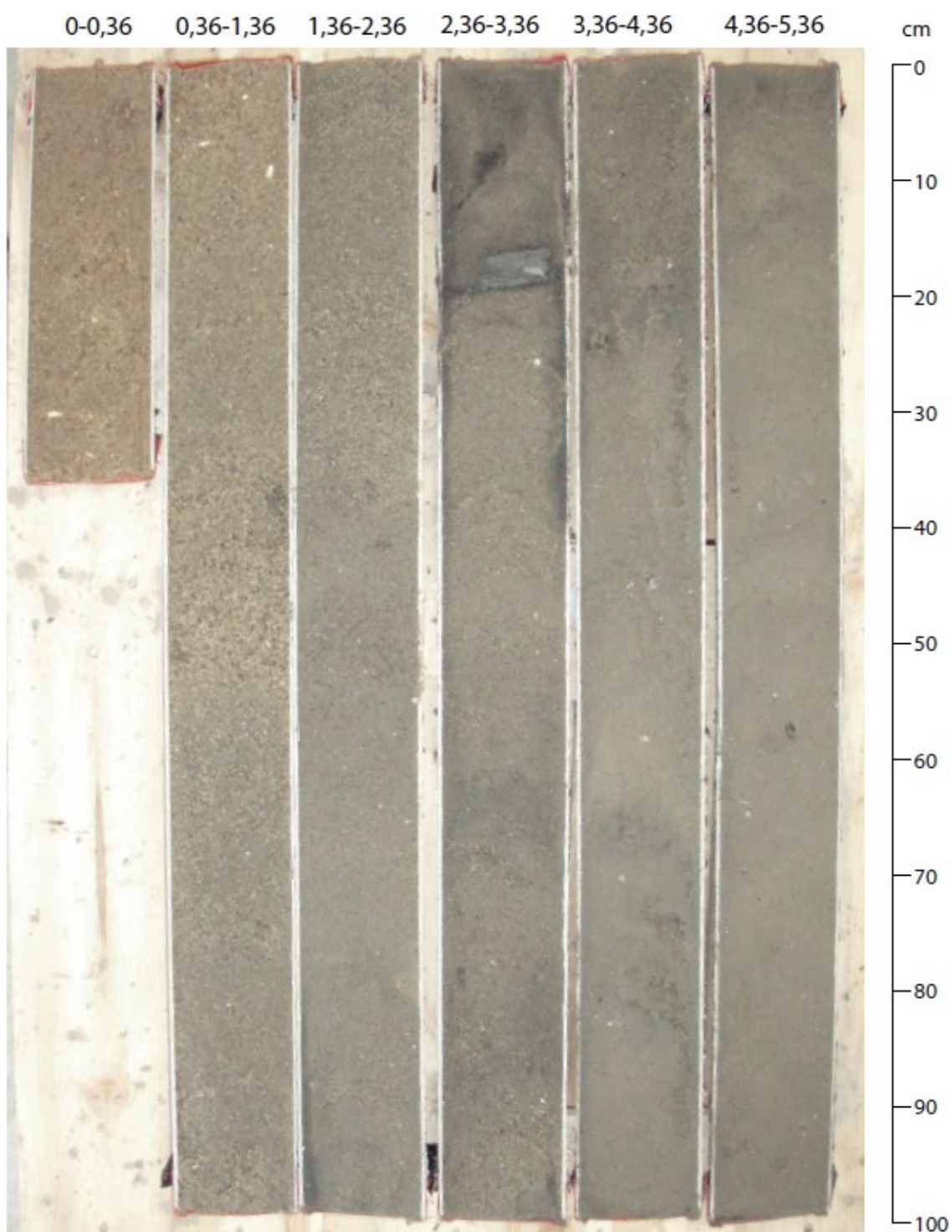
A-33



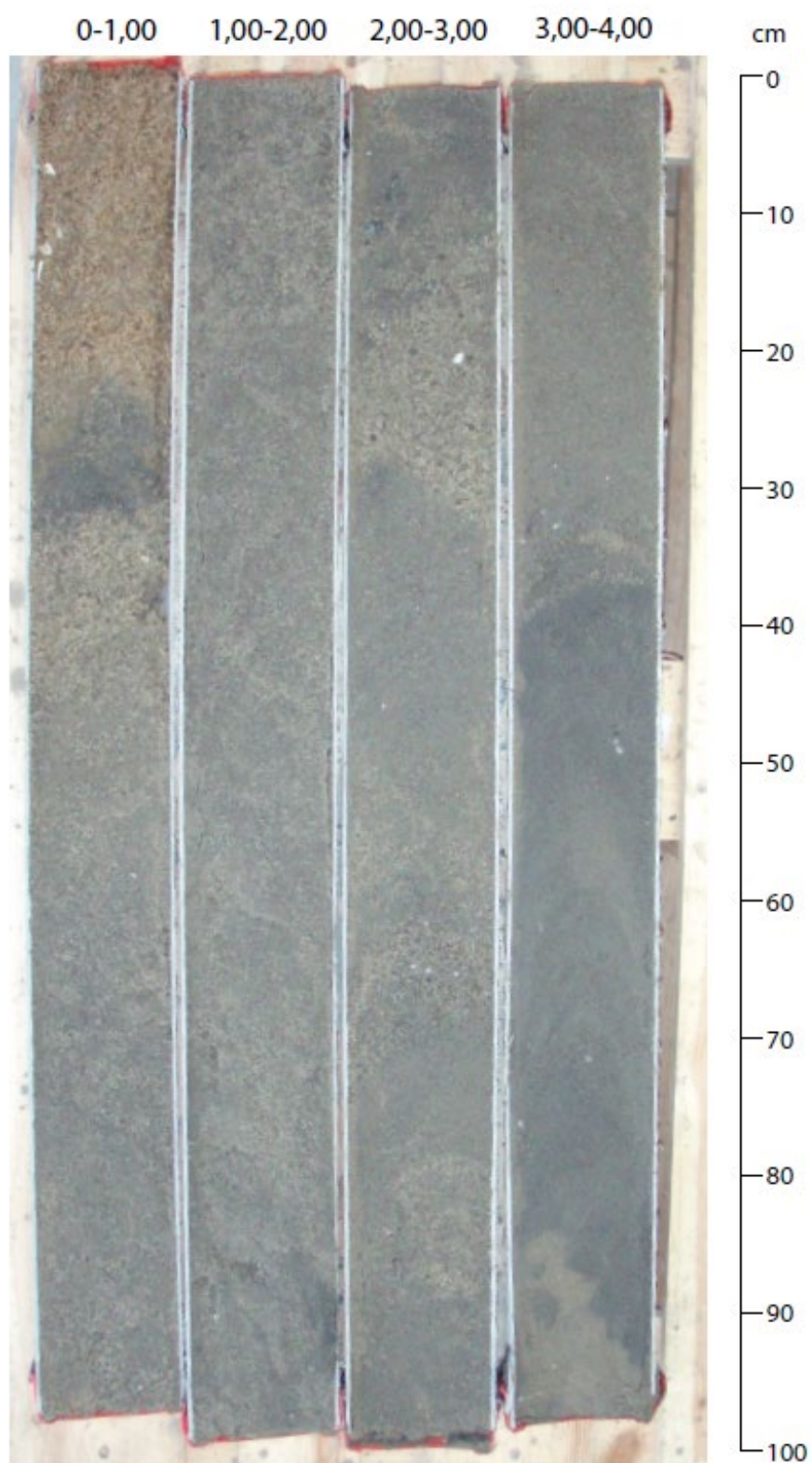
A-35



A-39



A-37

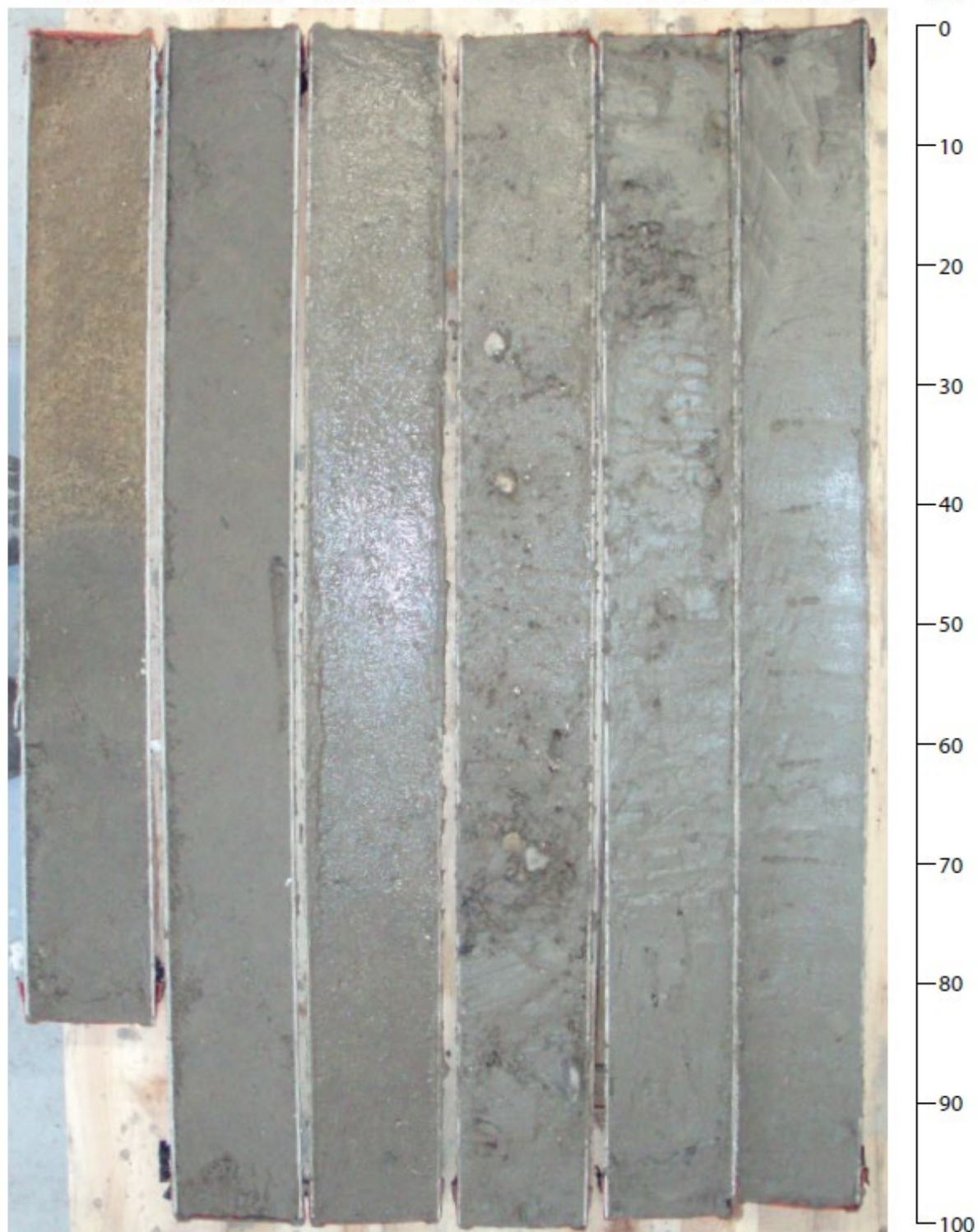


A-40

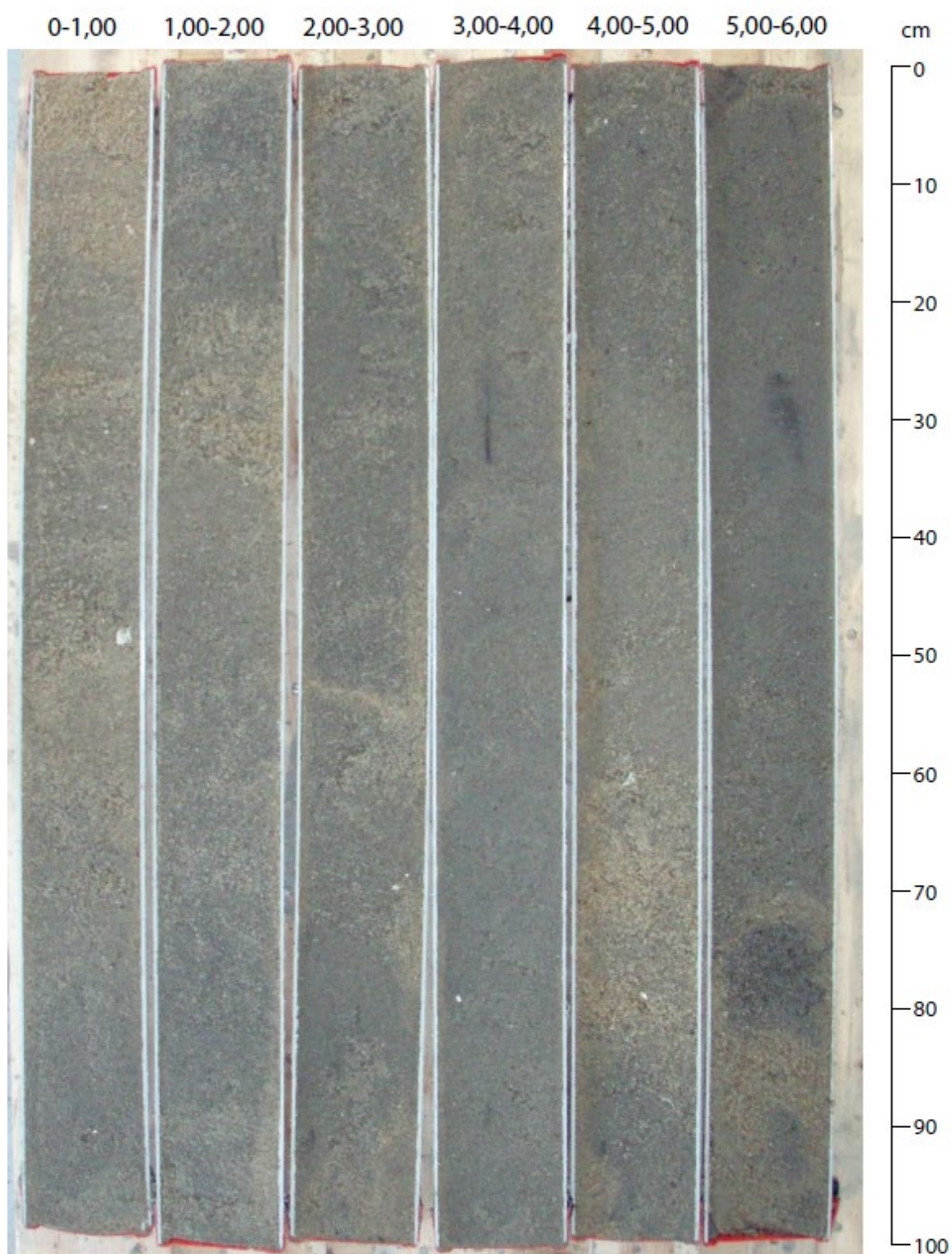


A-41

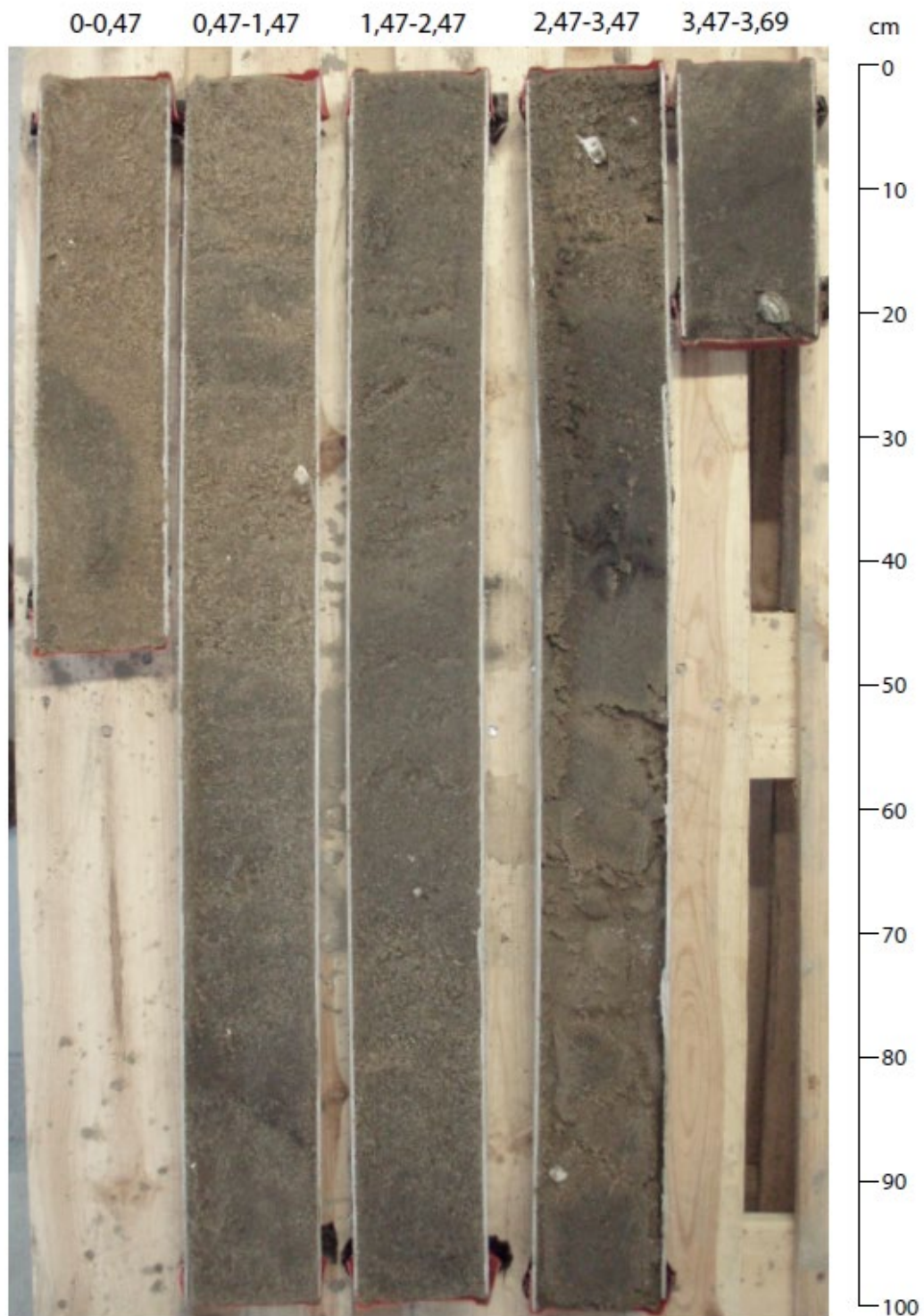
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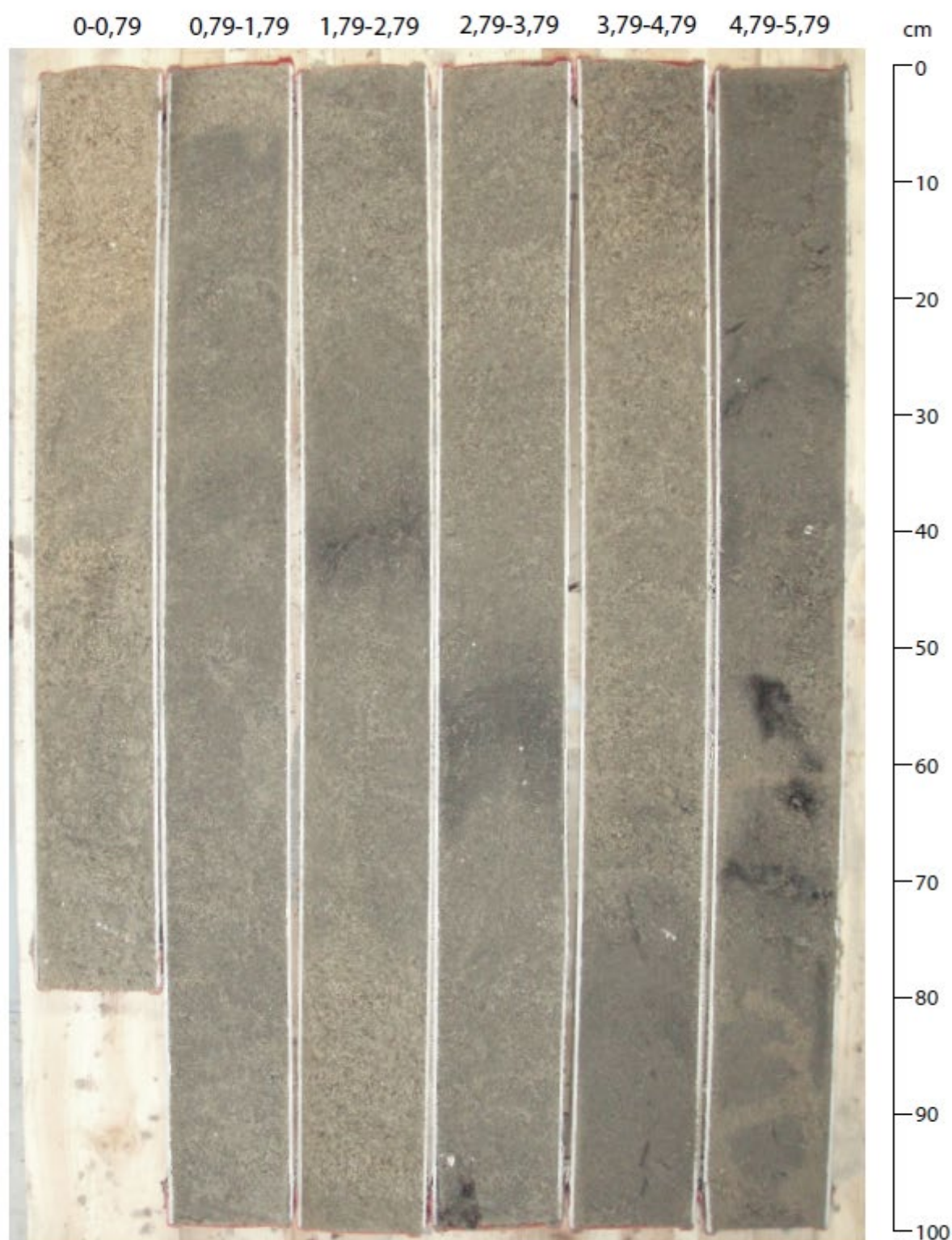


A-43

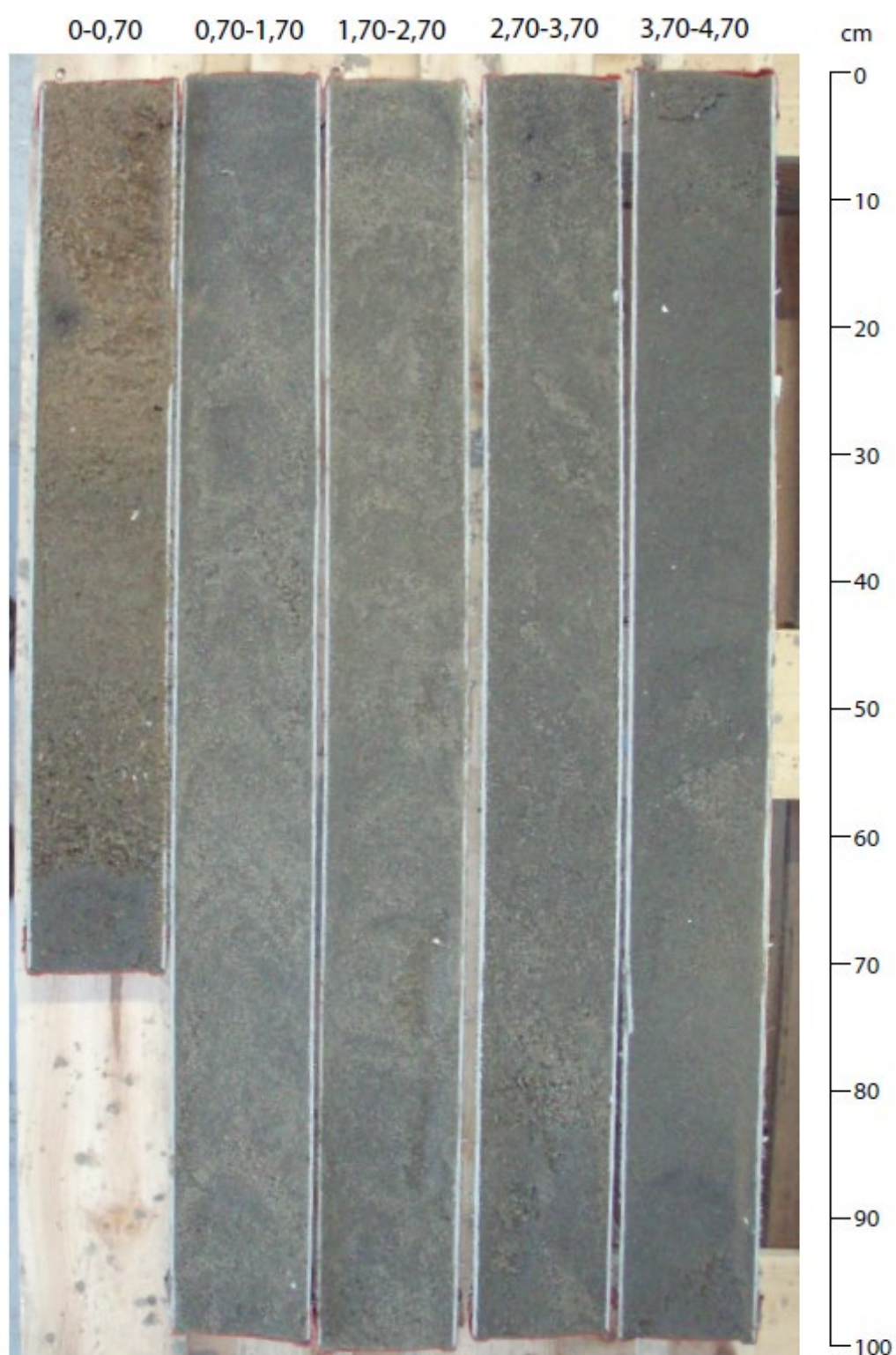


A-46

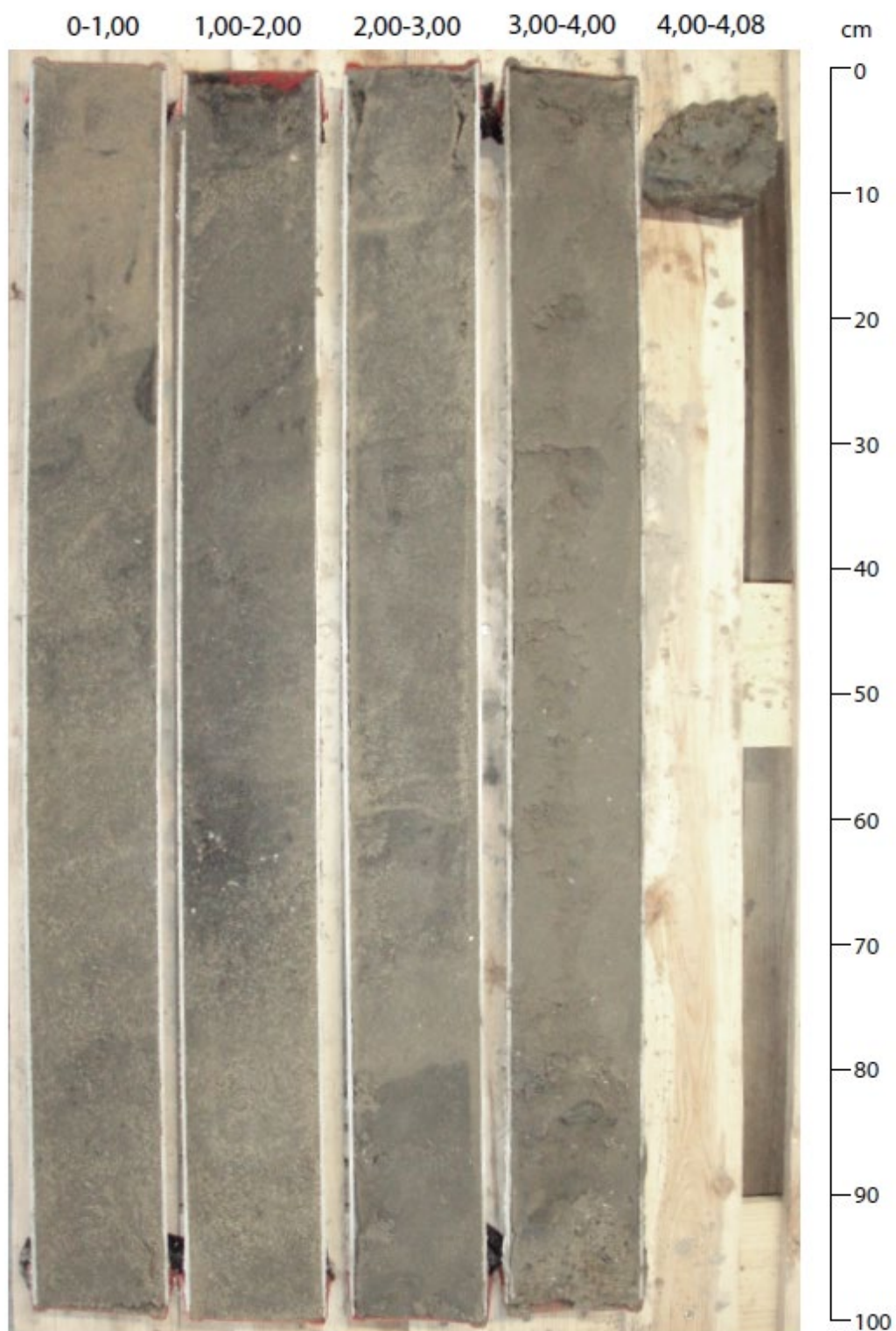




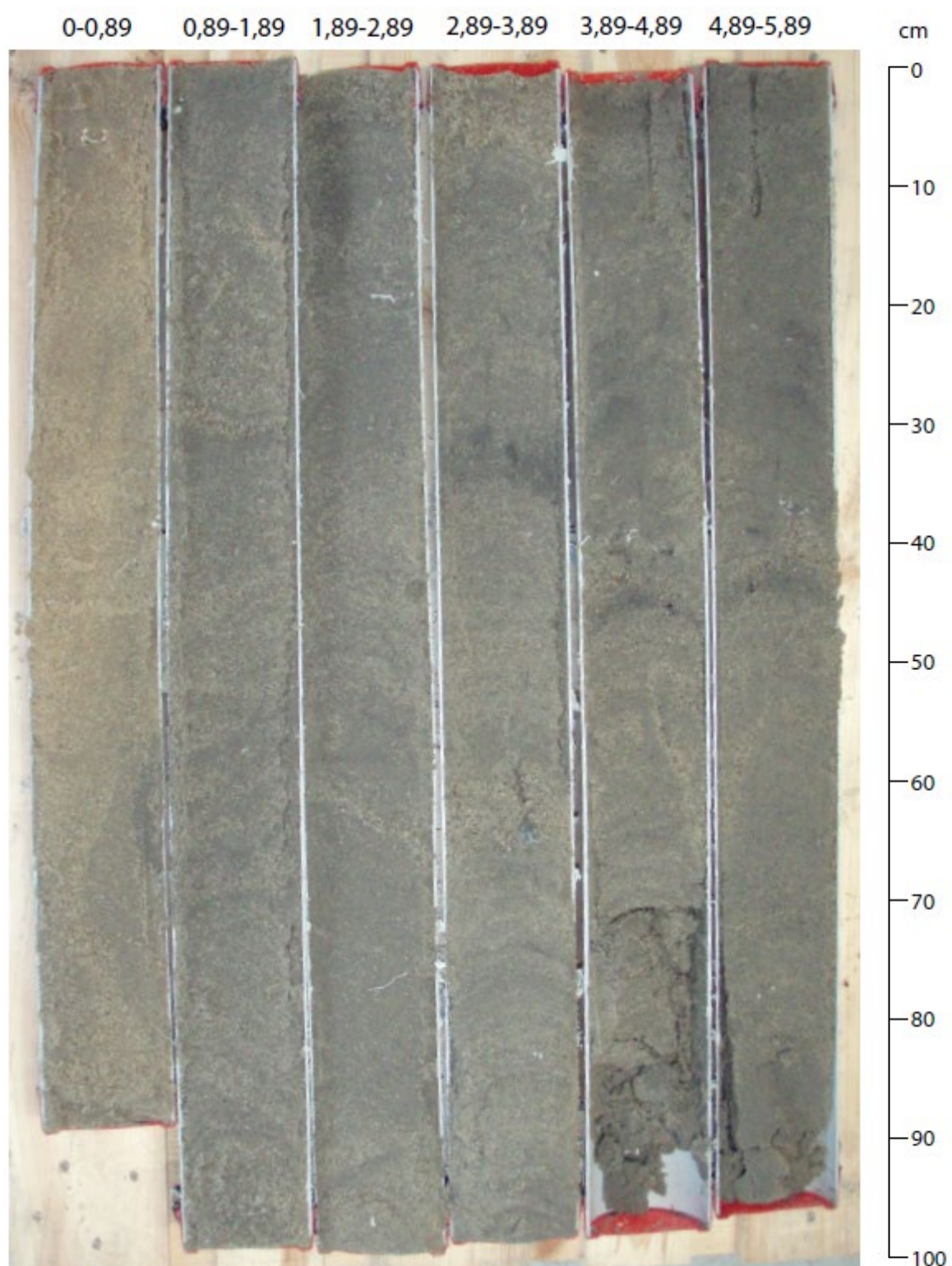
A-49



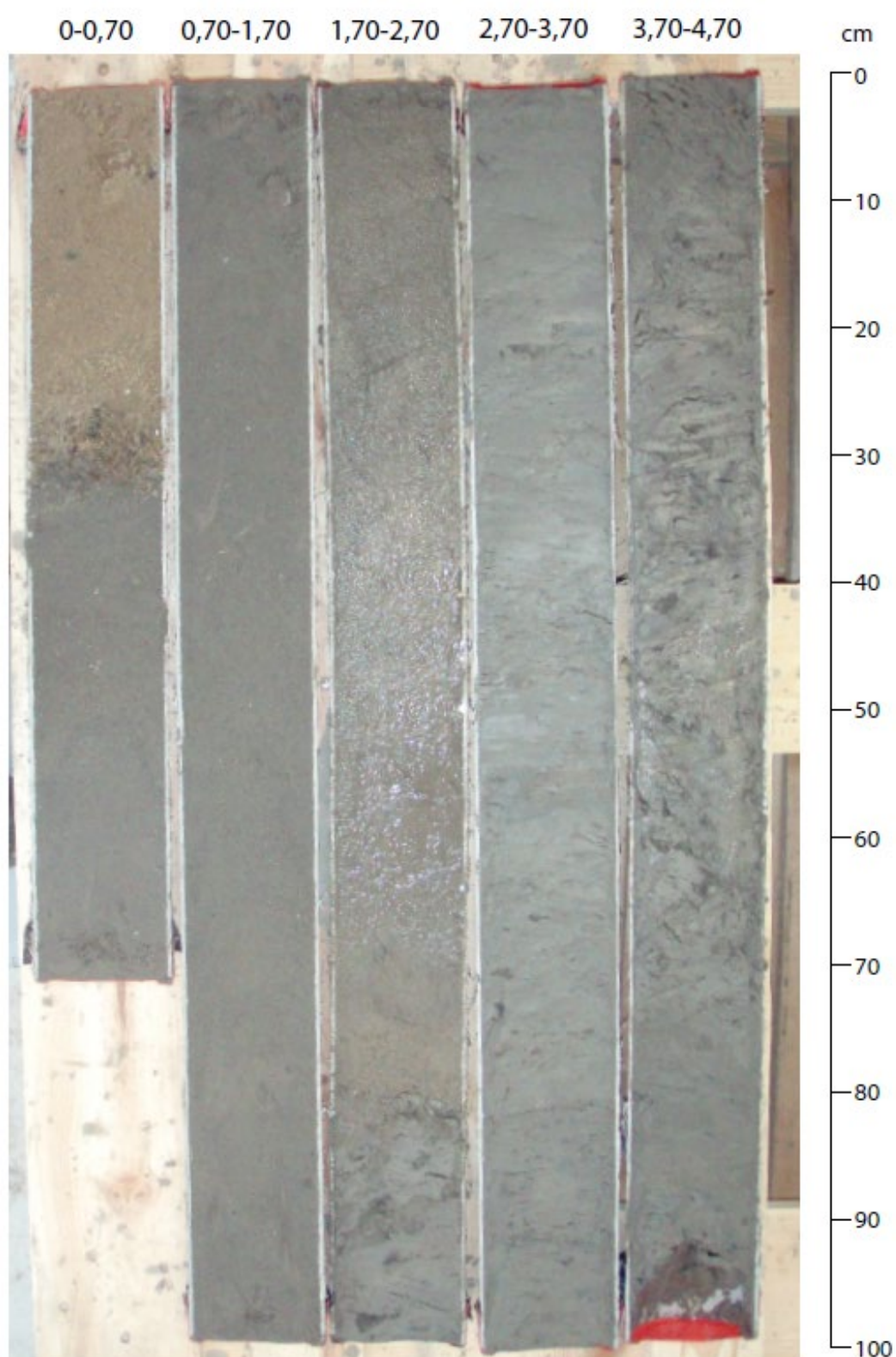
A-50

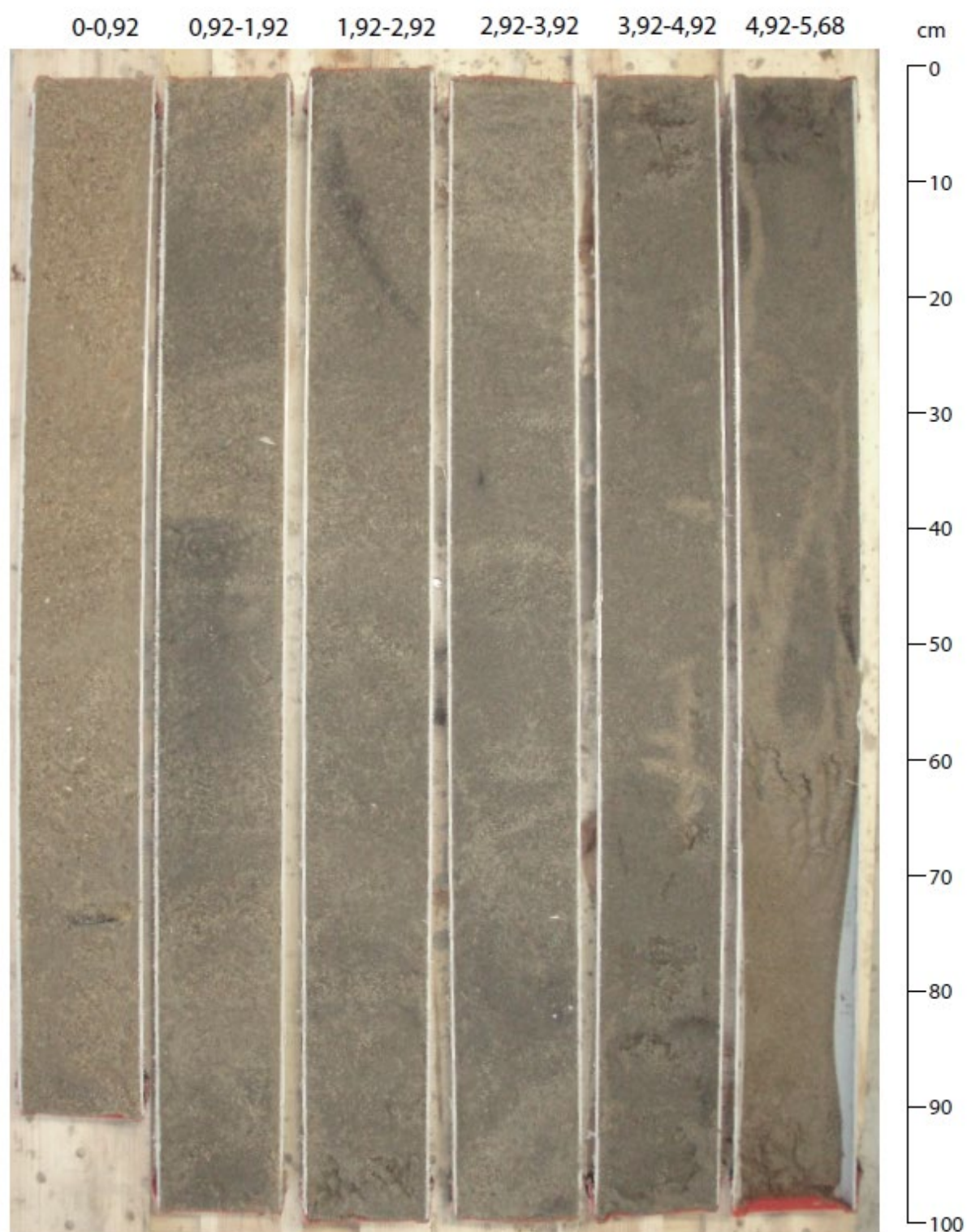


A-51

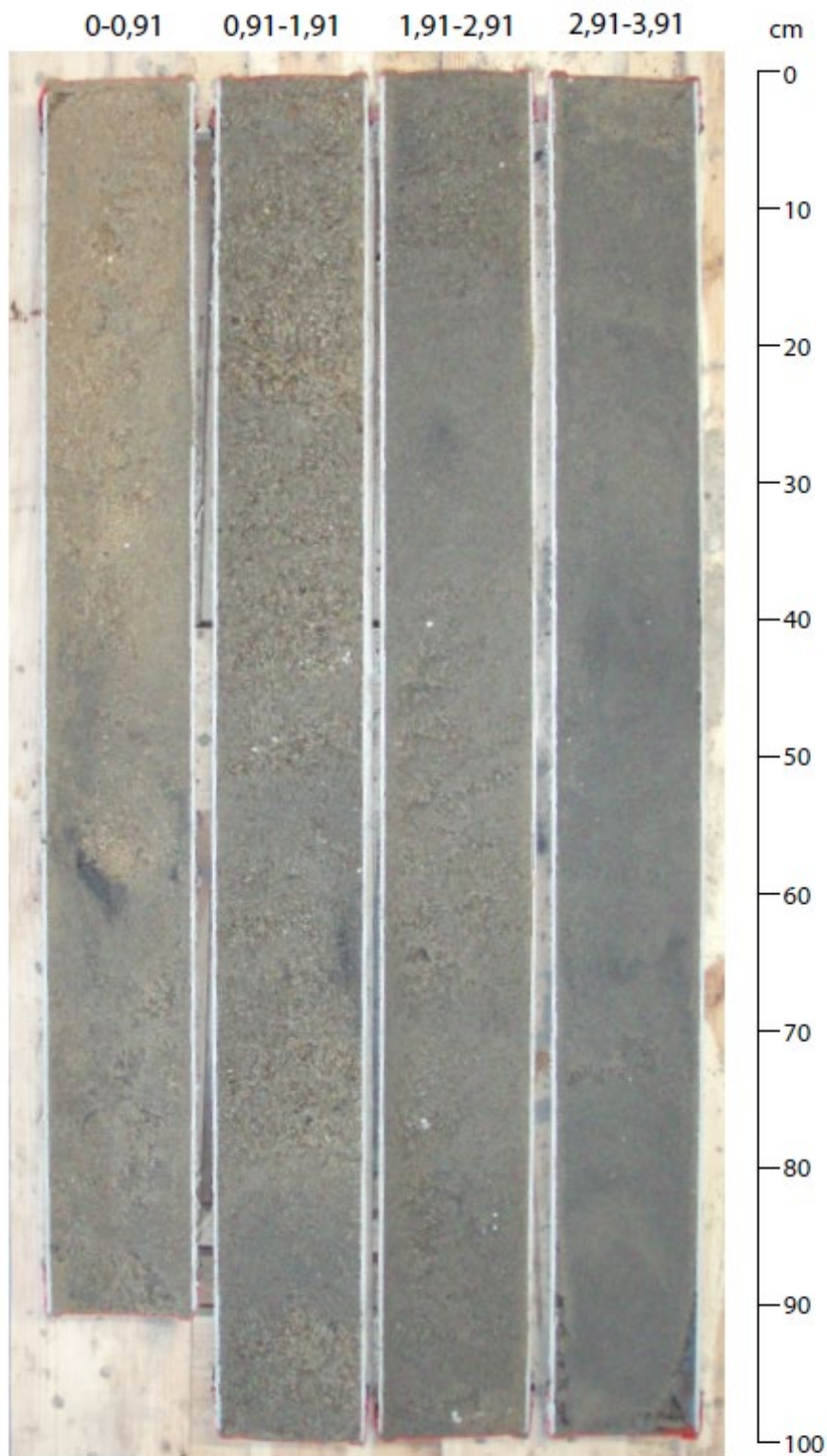


A-52

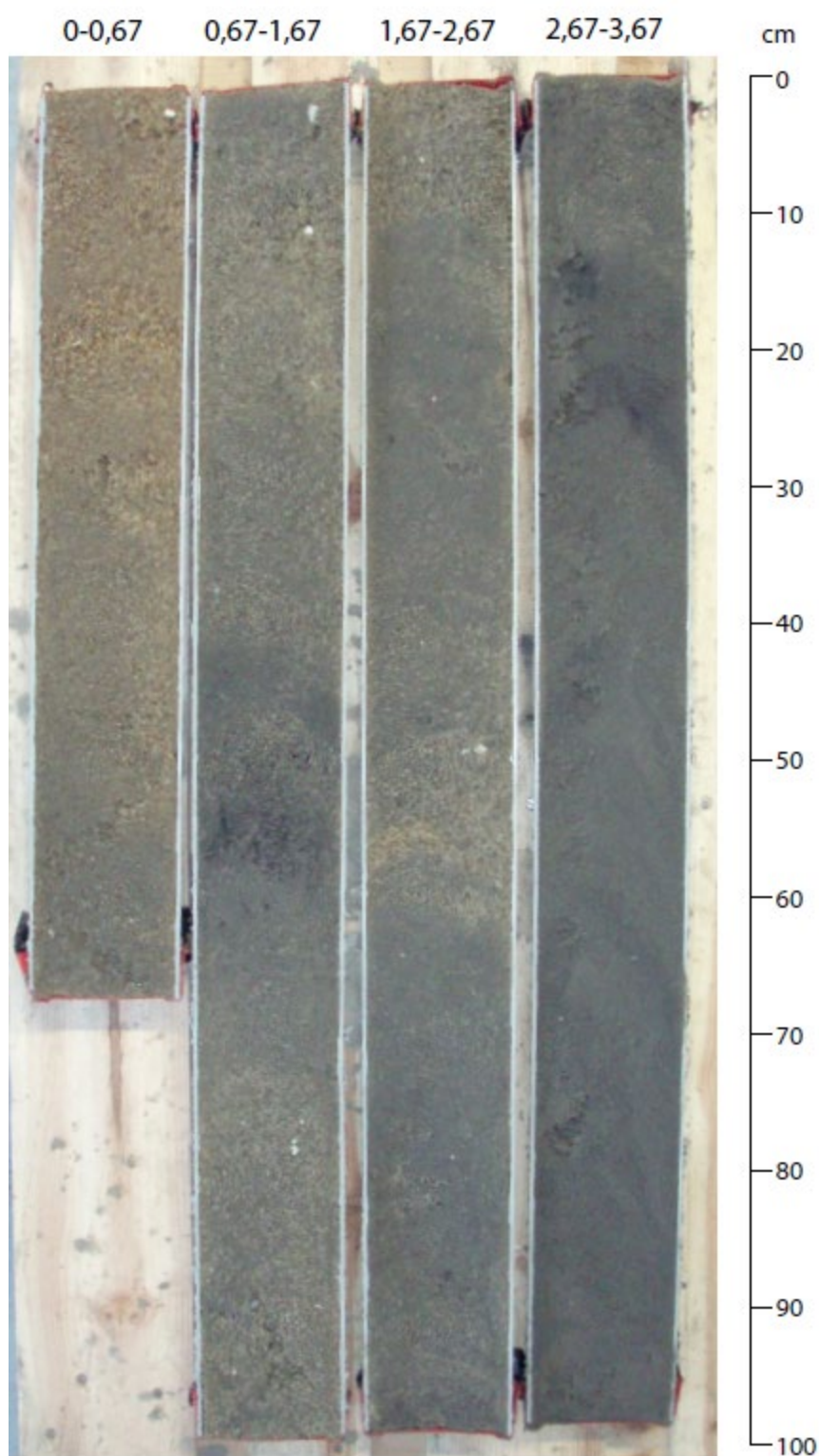




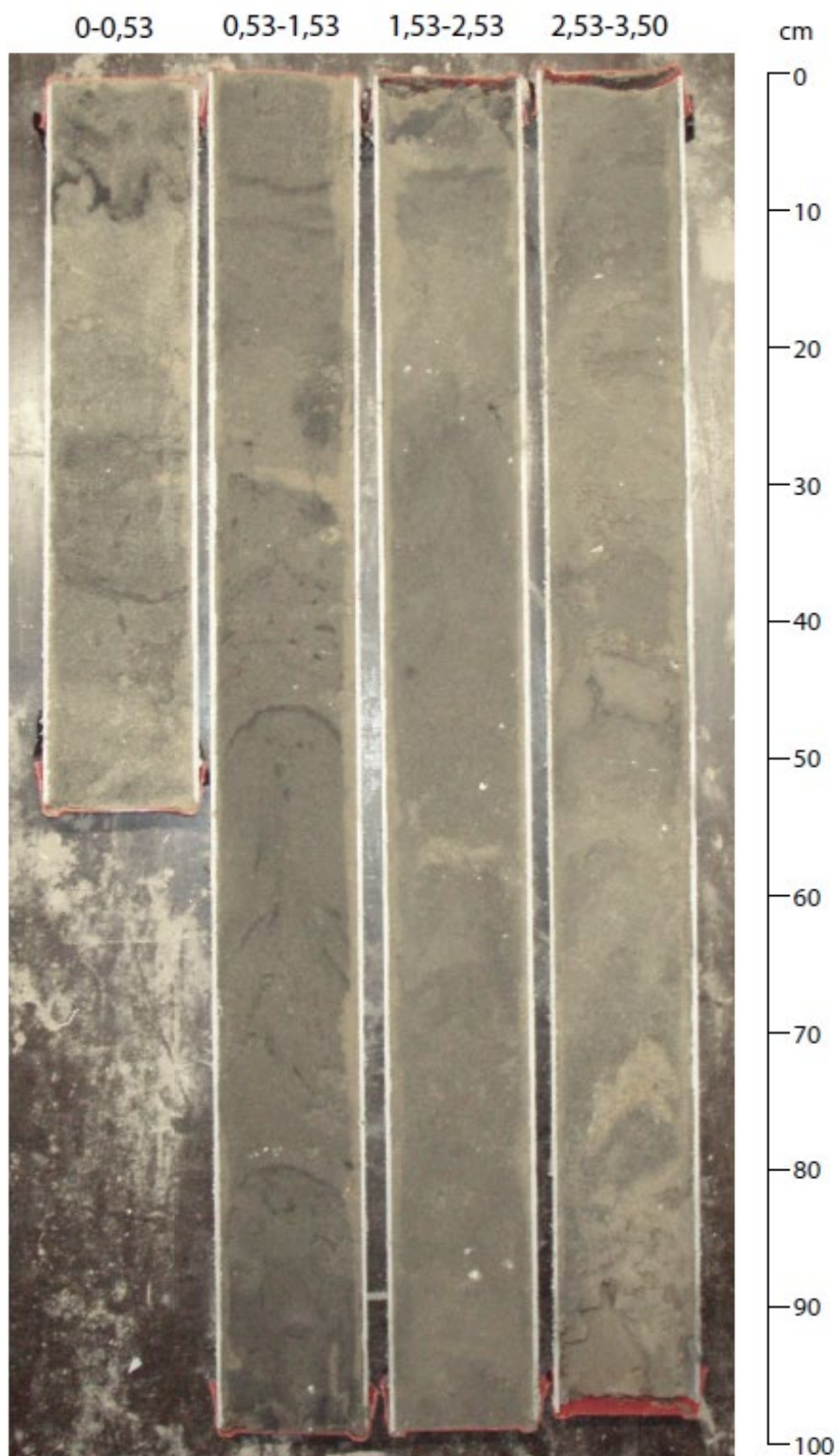
A-56



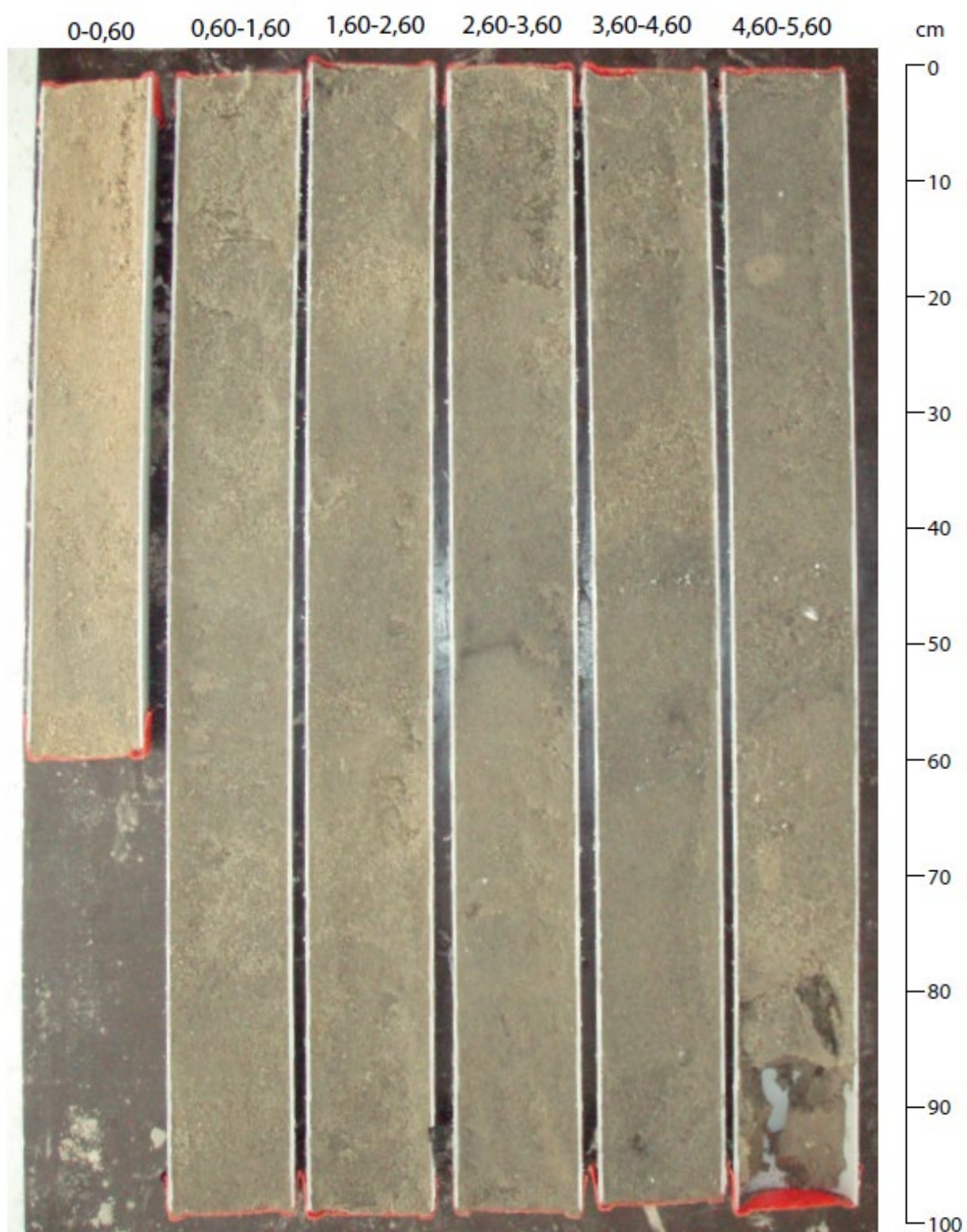
A-59



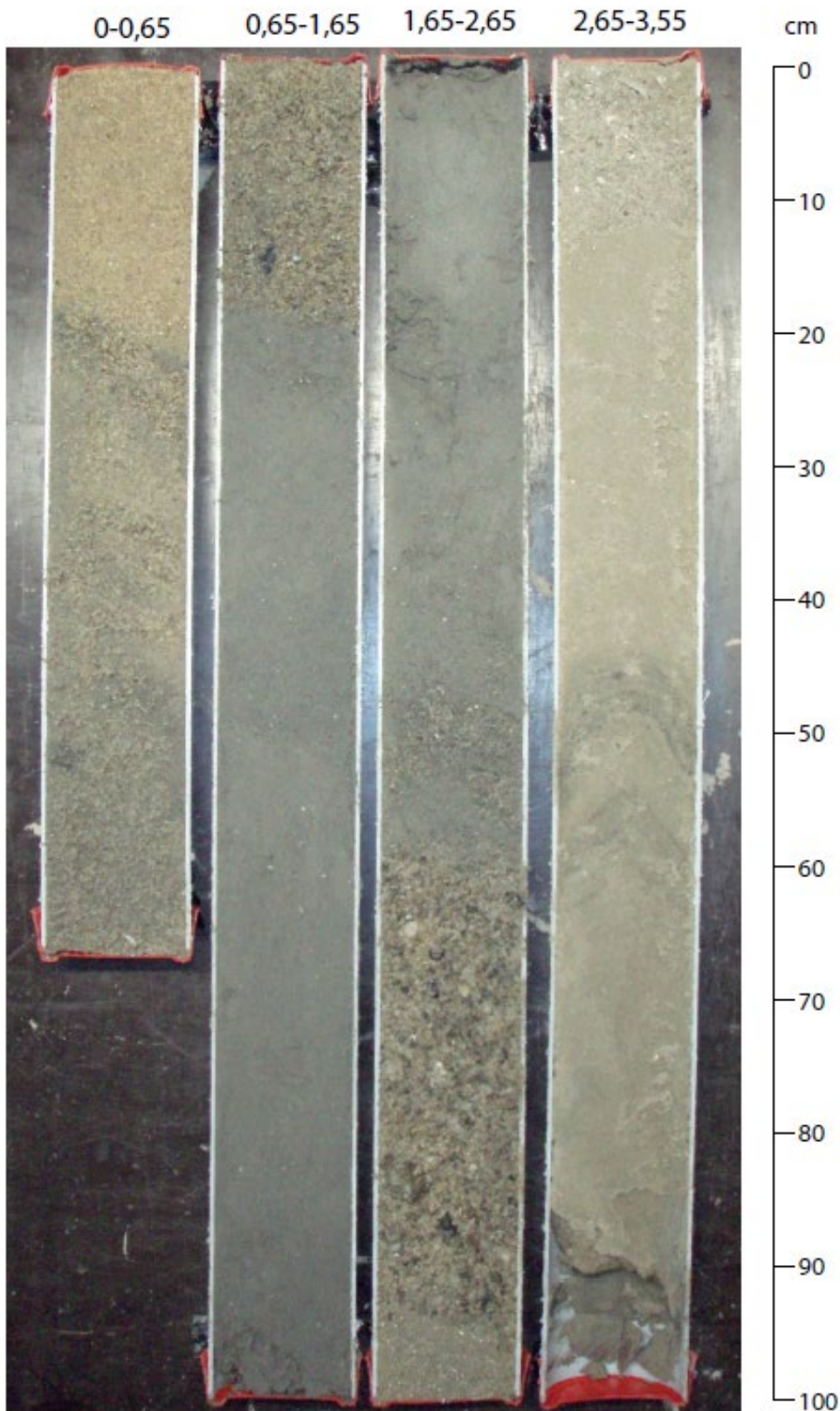
B-1



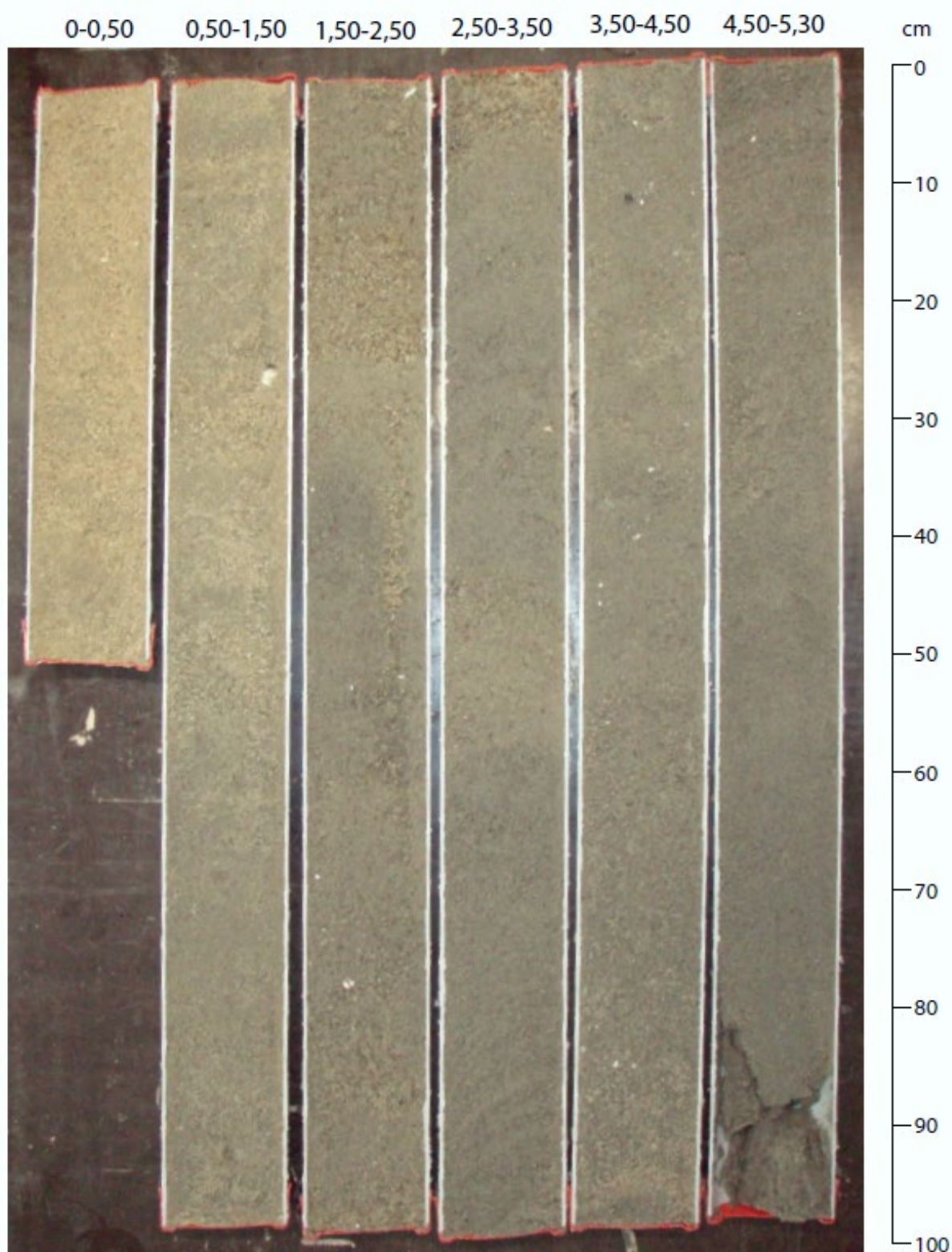
B-2



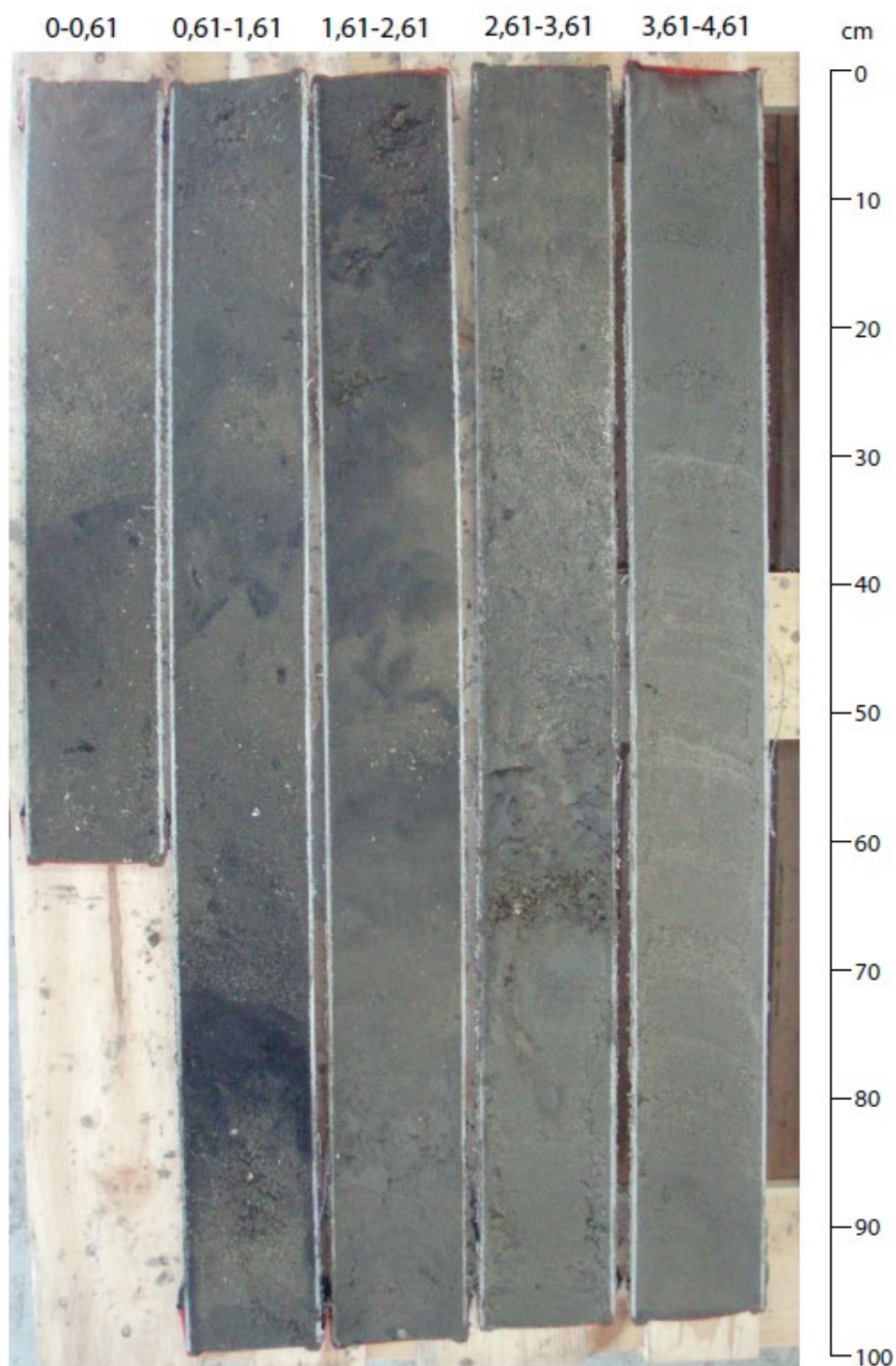
B-4



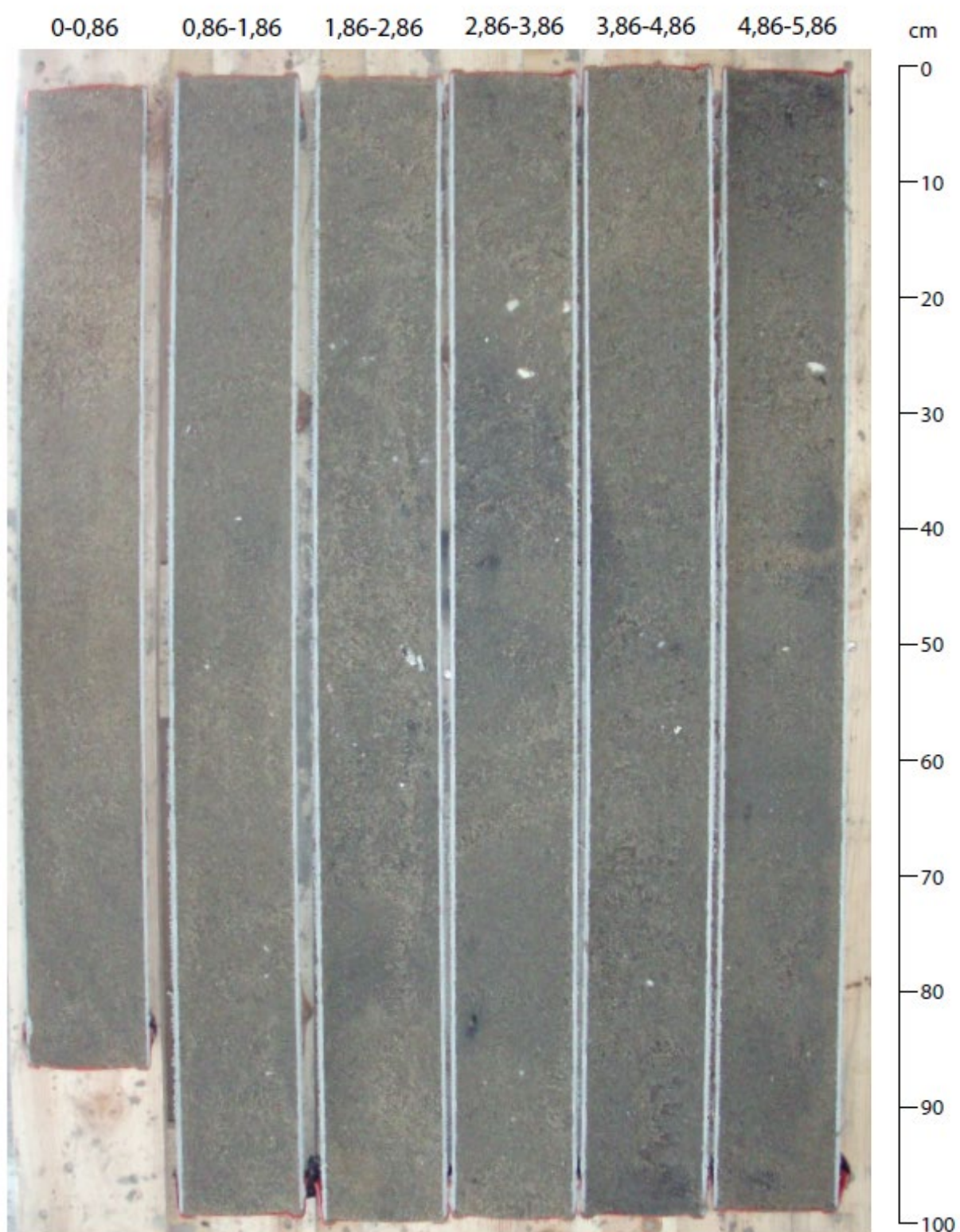
B-5

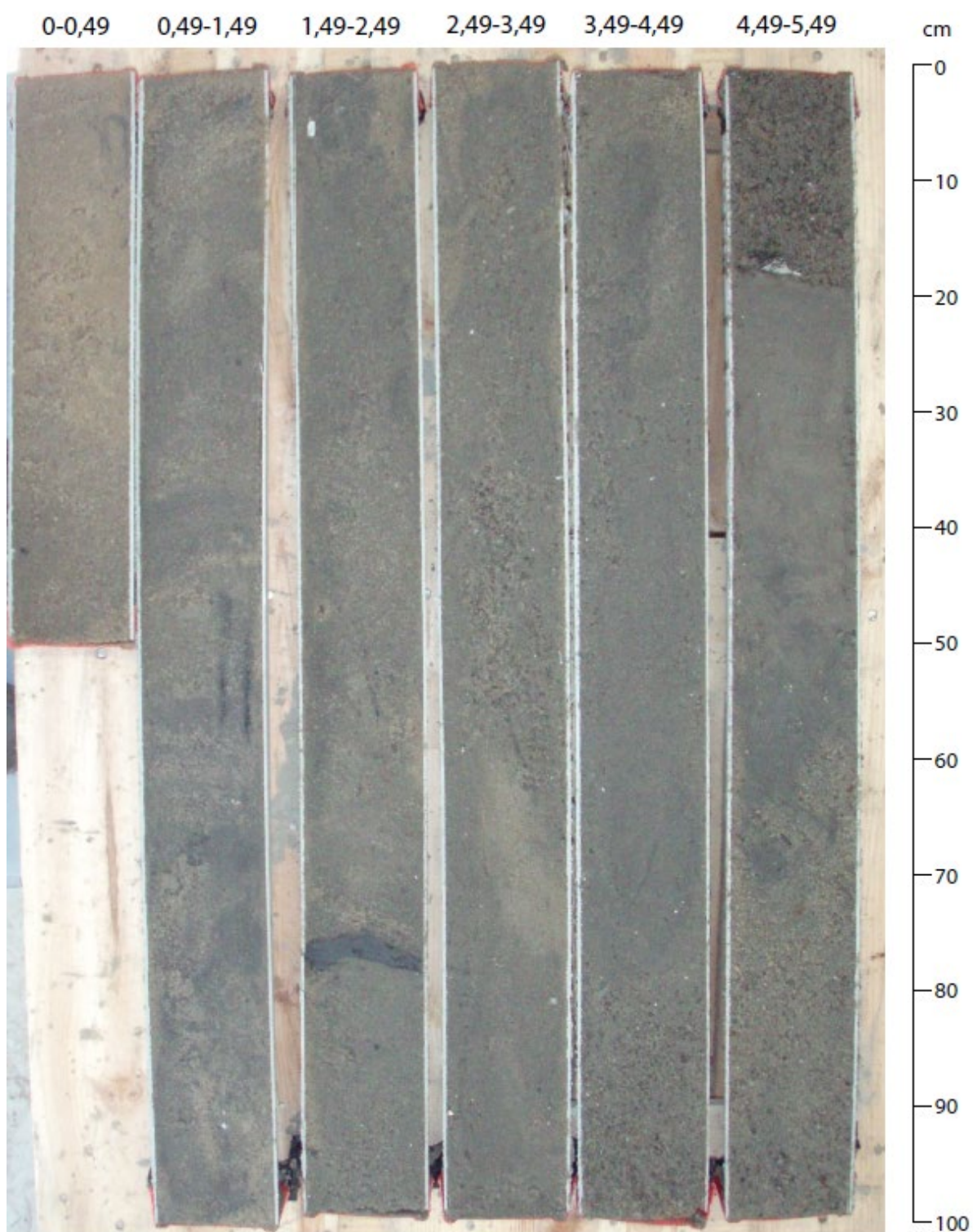


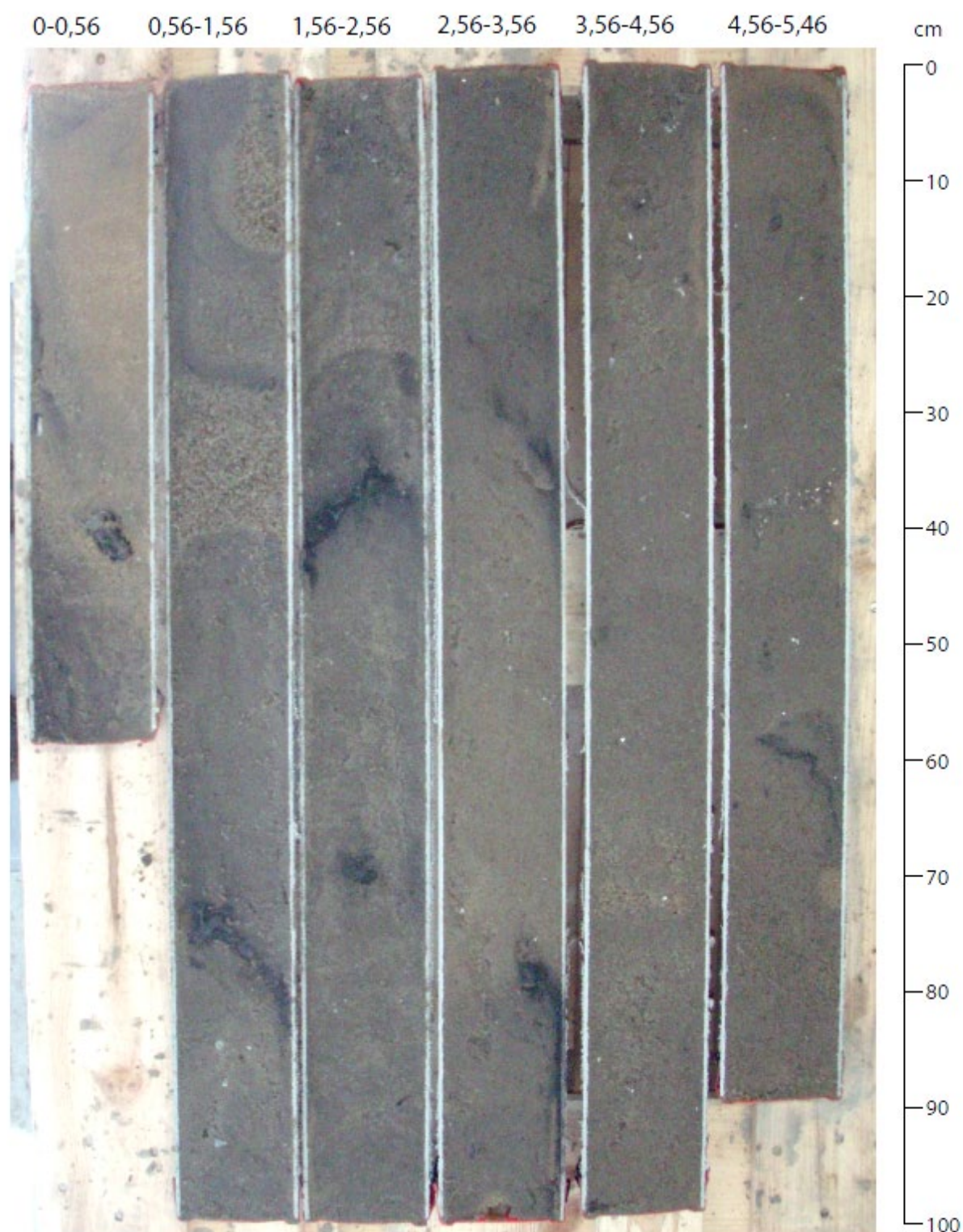
B-11



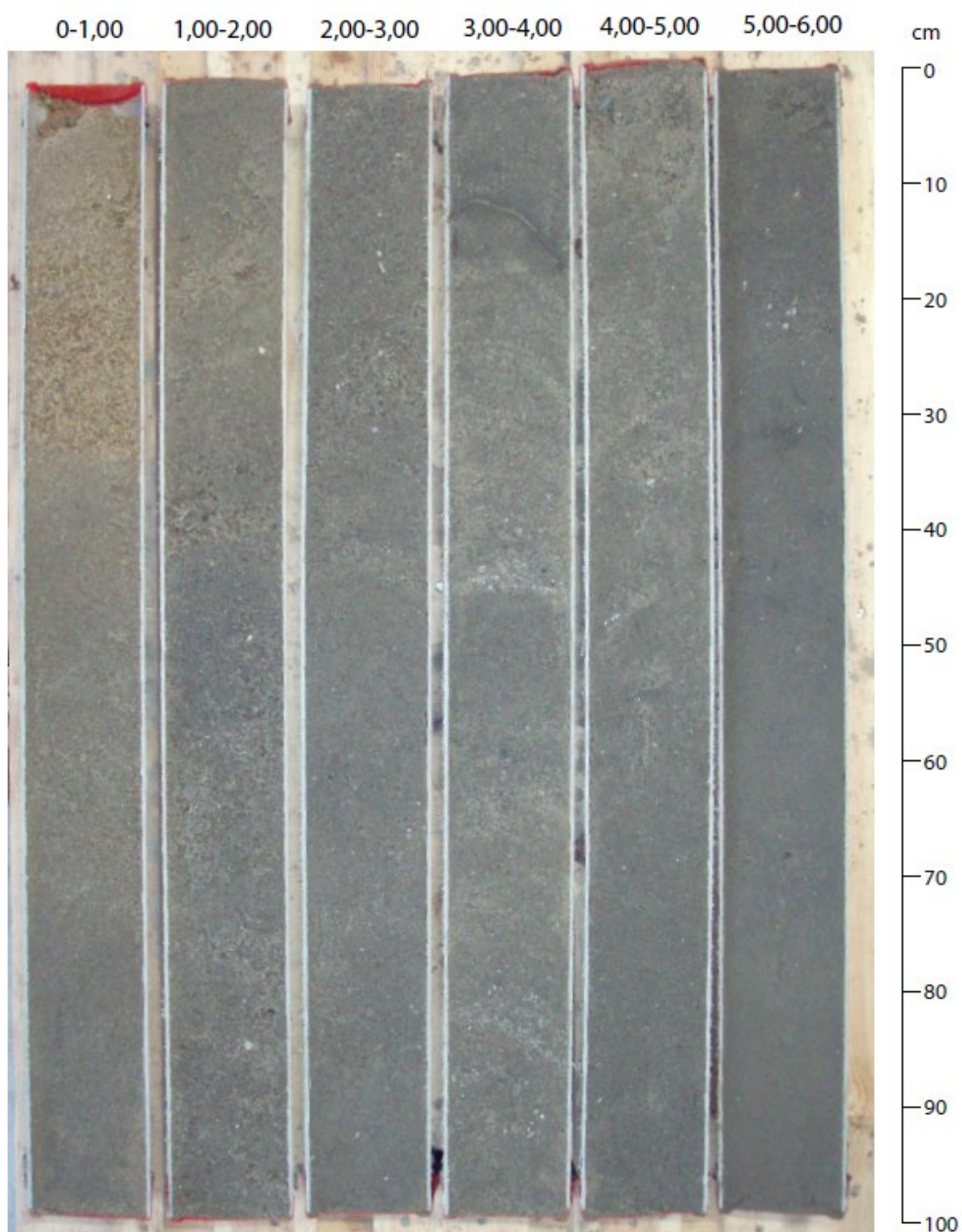
B-14







B-18



B-19

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0,34-1,34

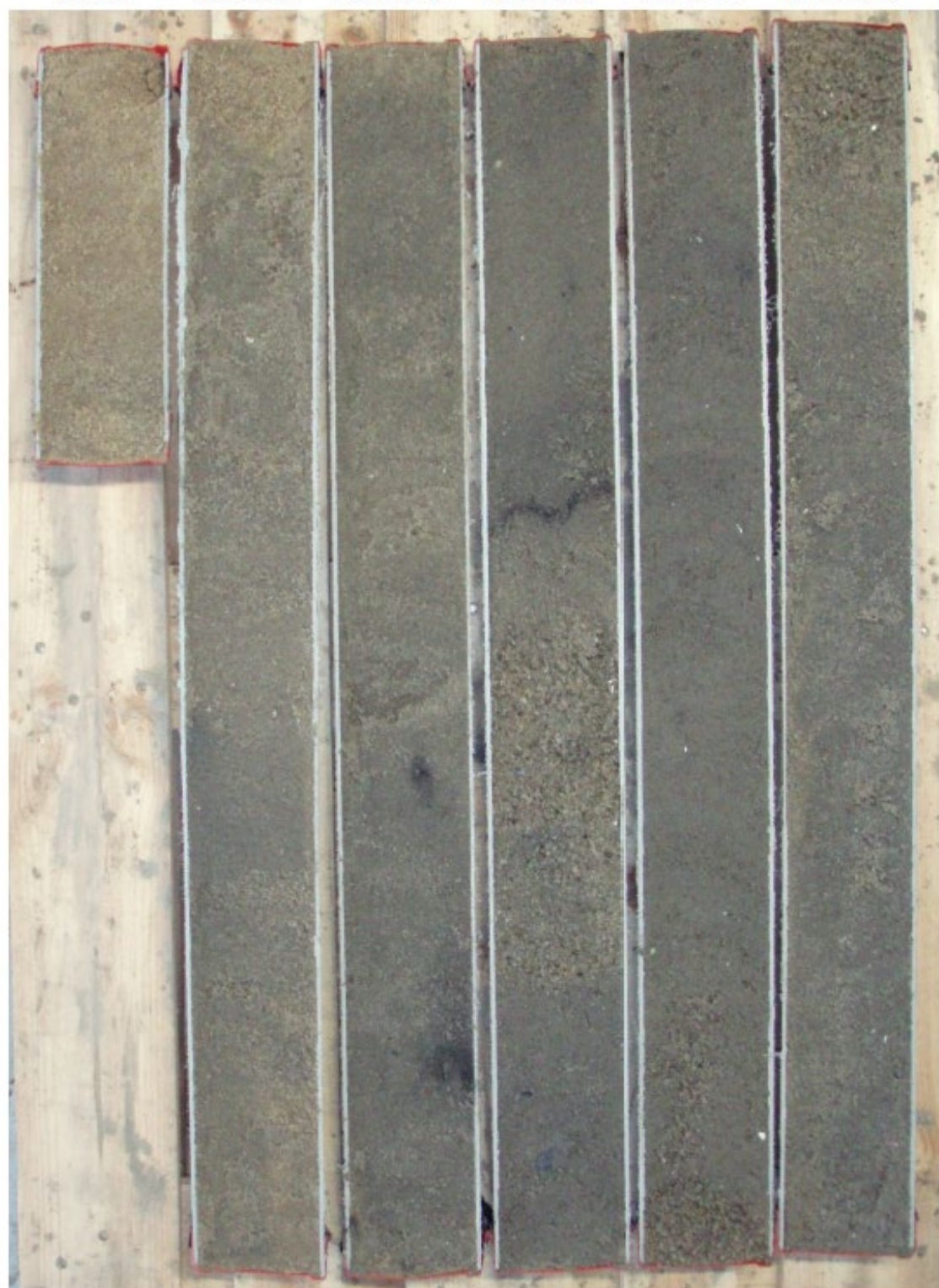
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2,34-3,34

3,34-4,34

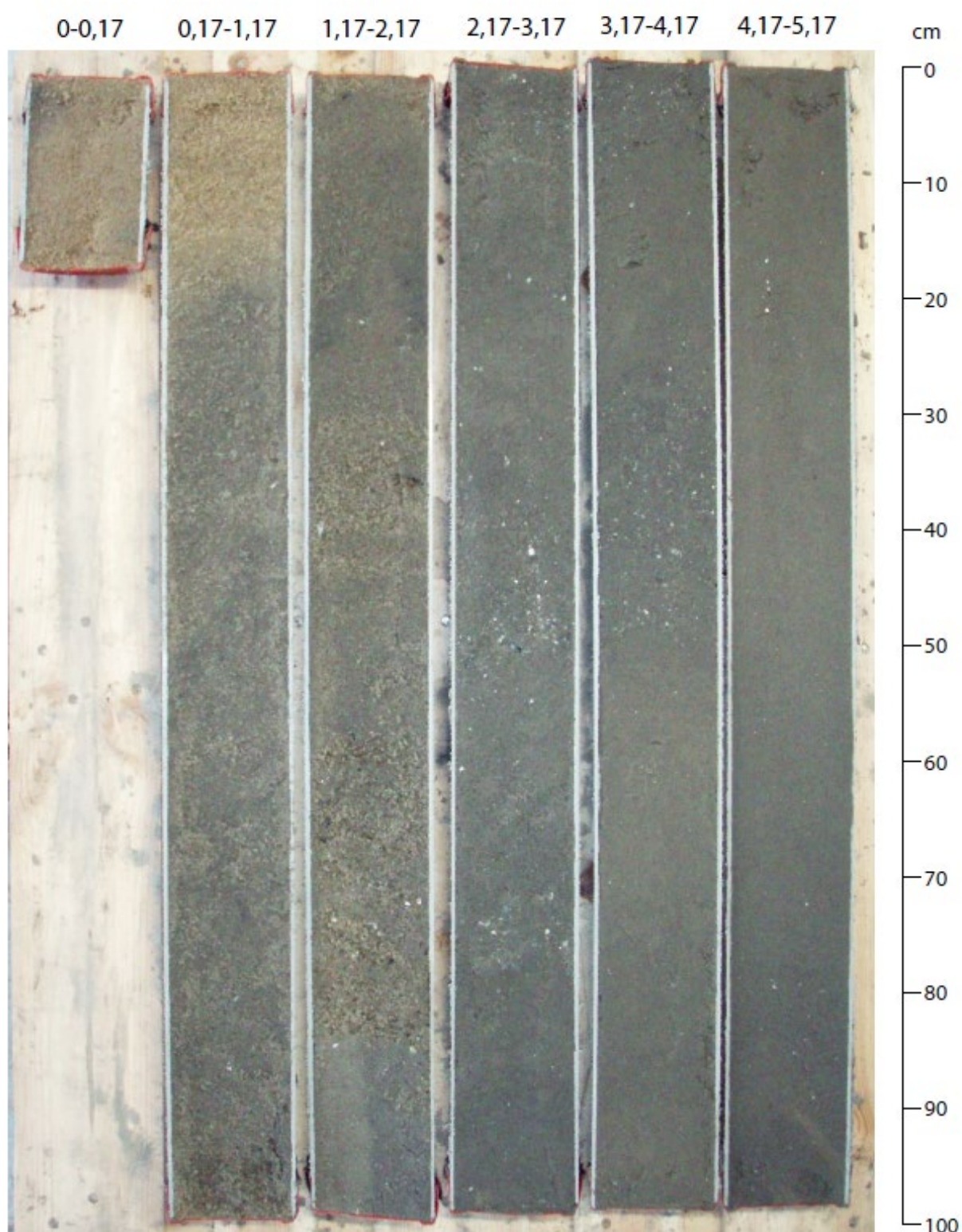
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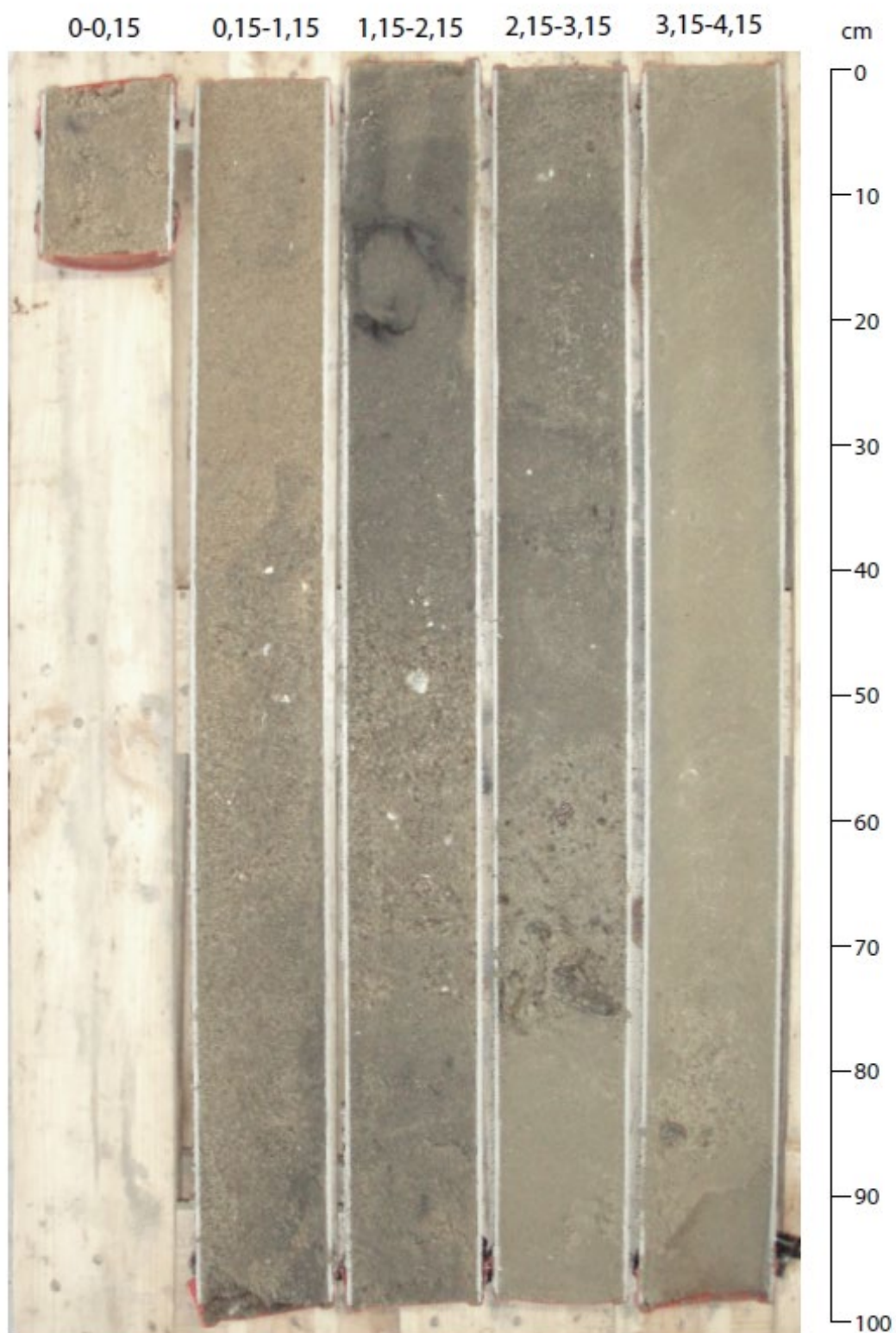
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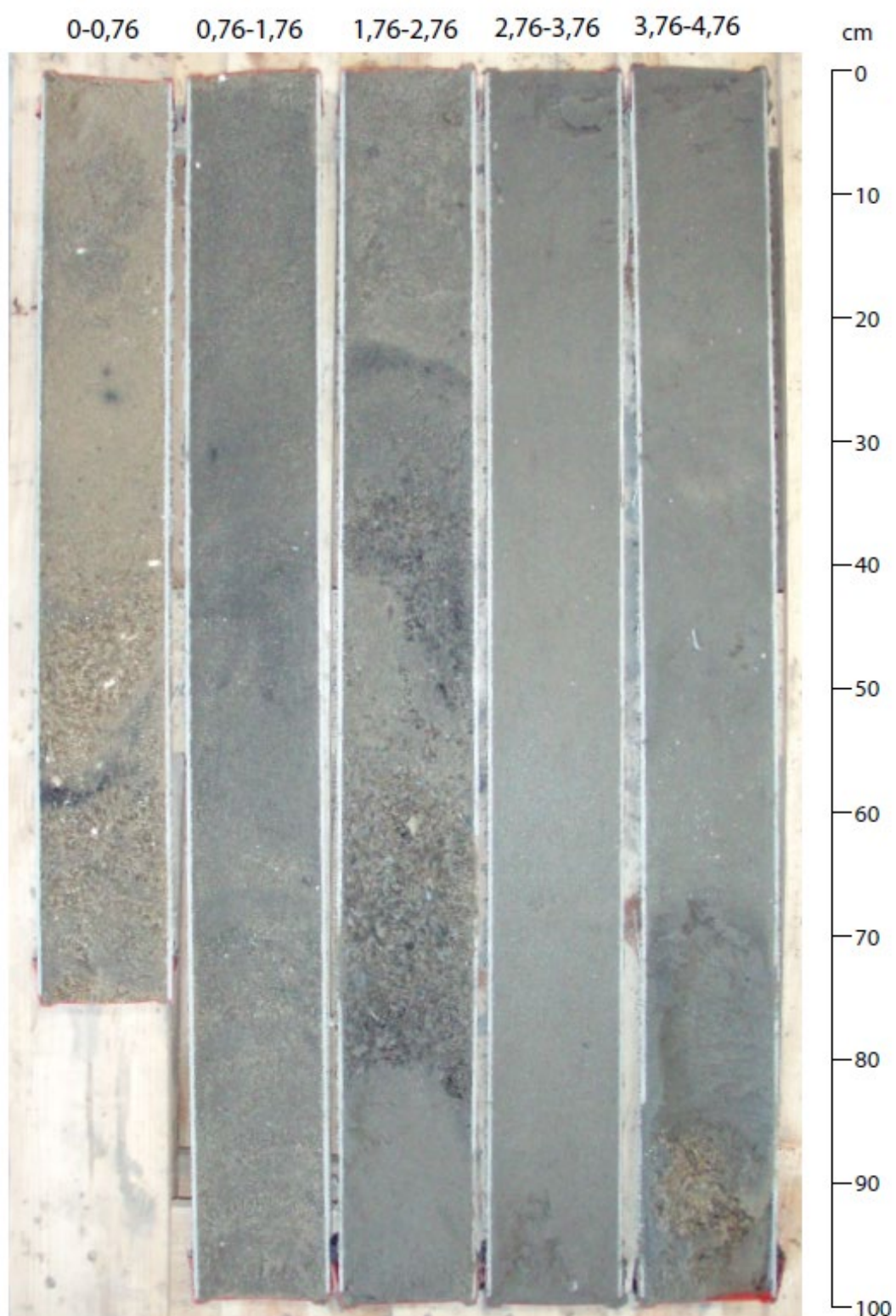
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70
80
90
100

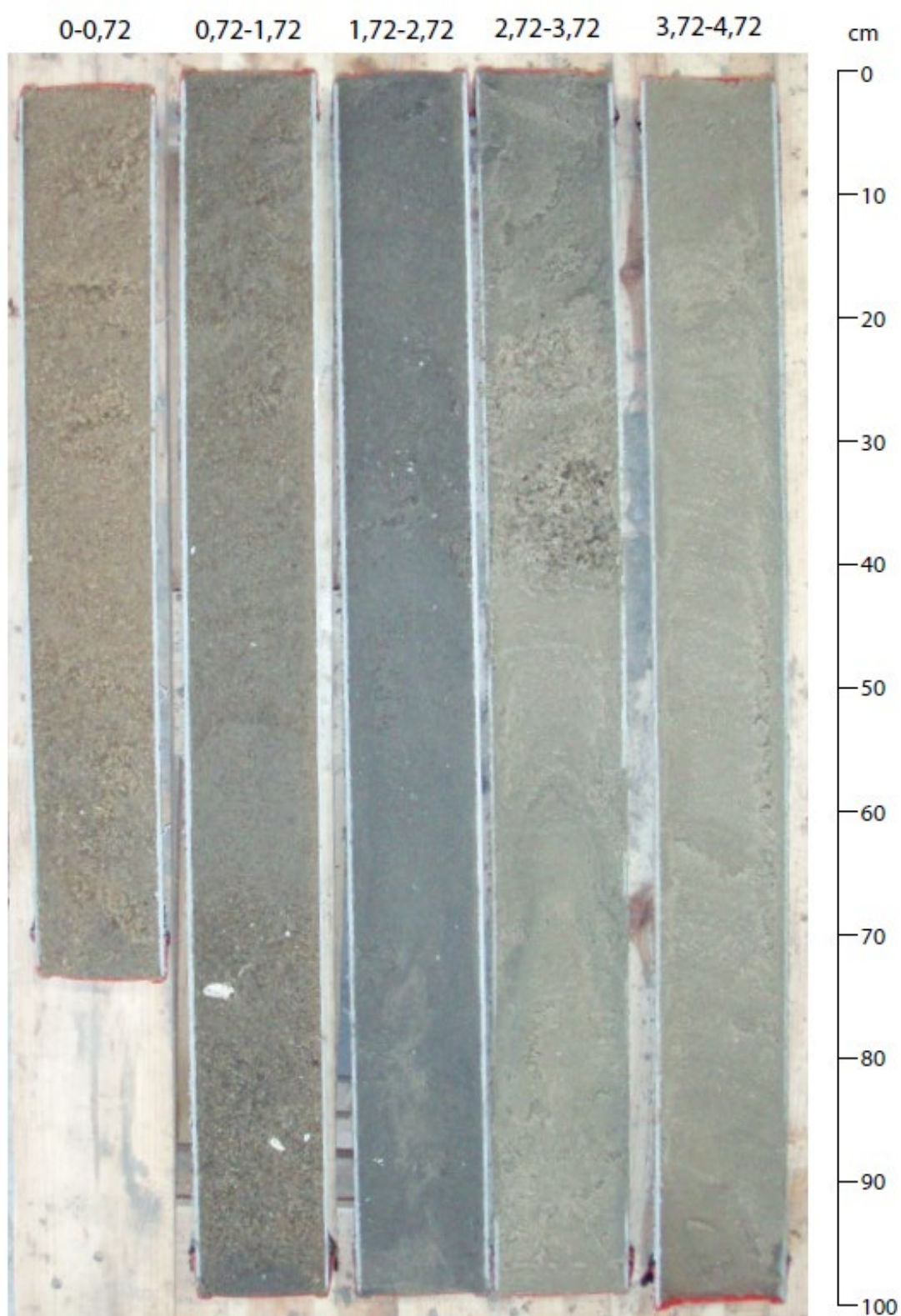




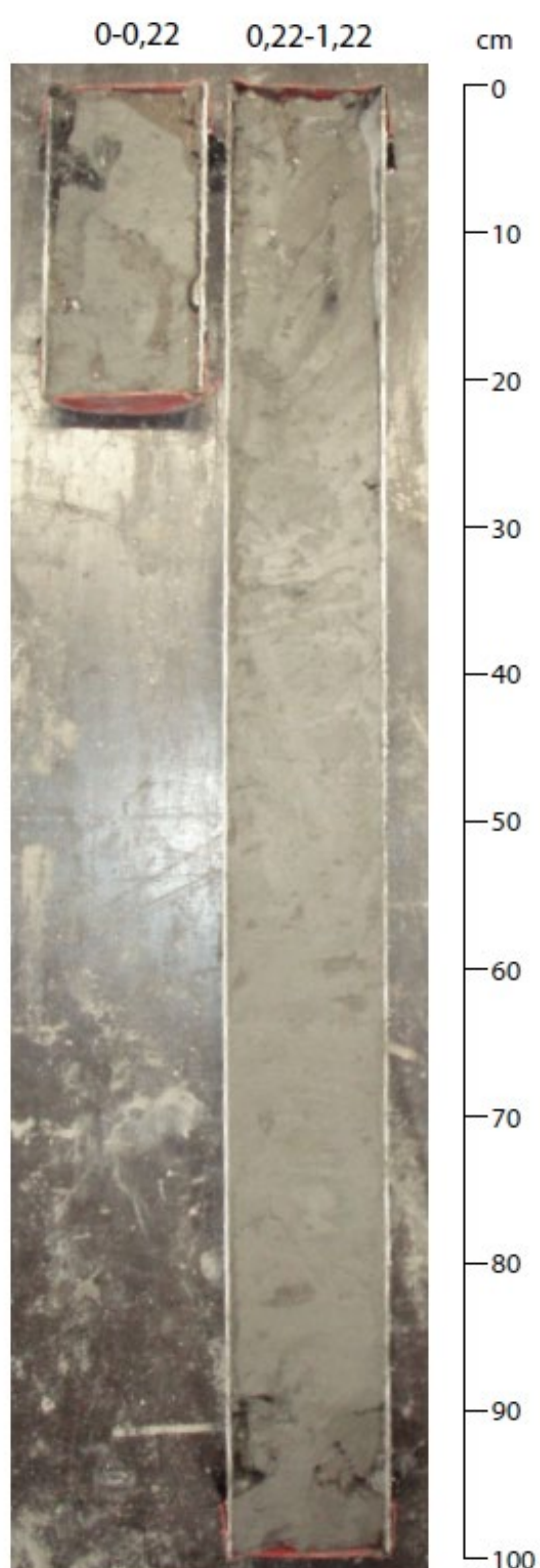


B-28

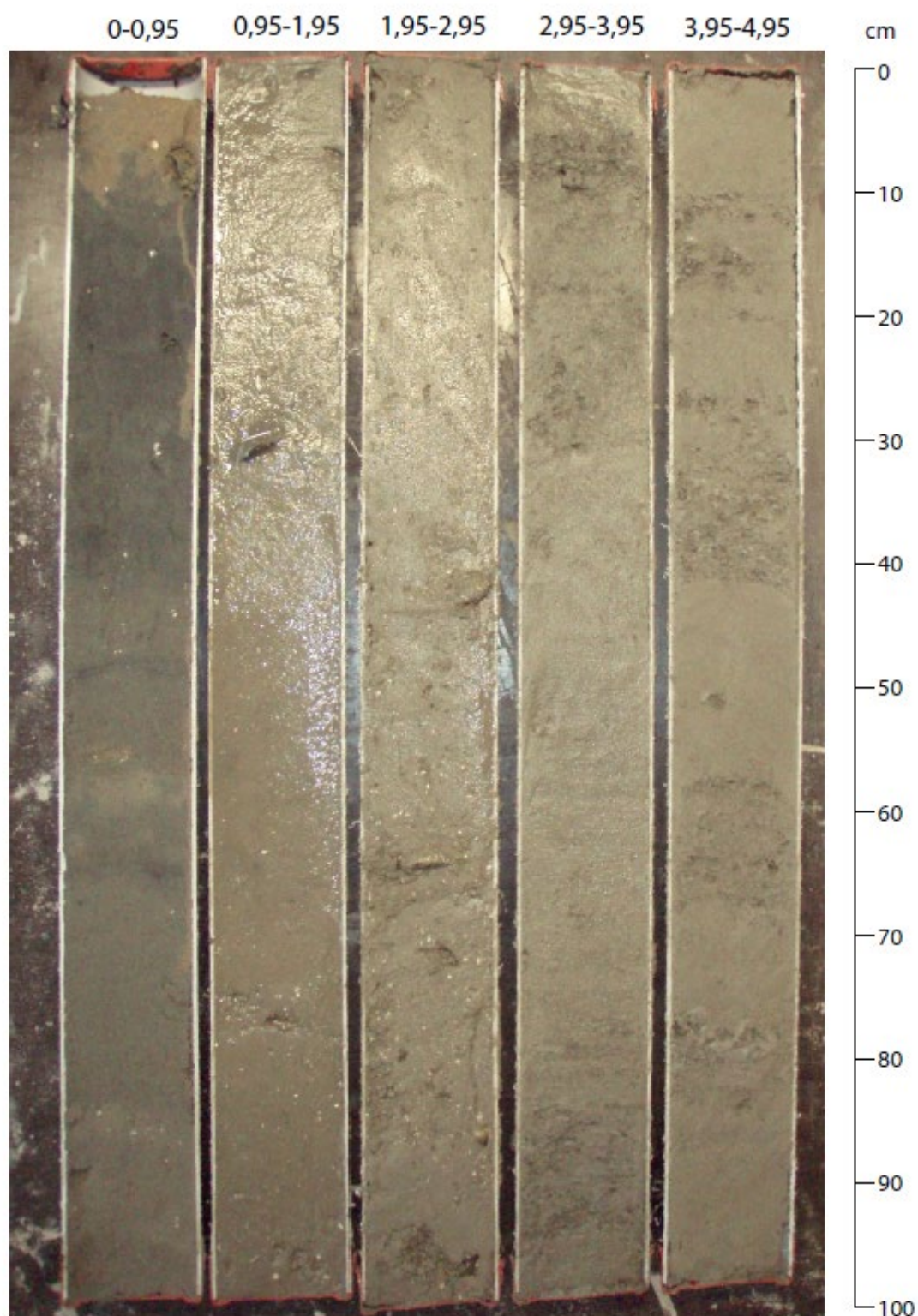




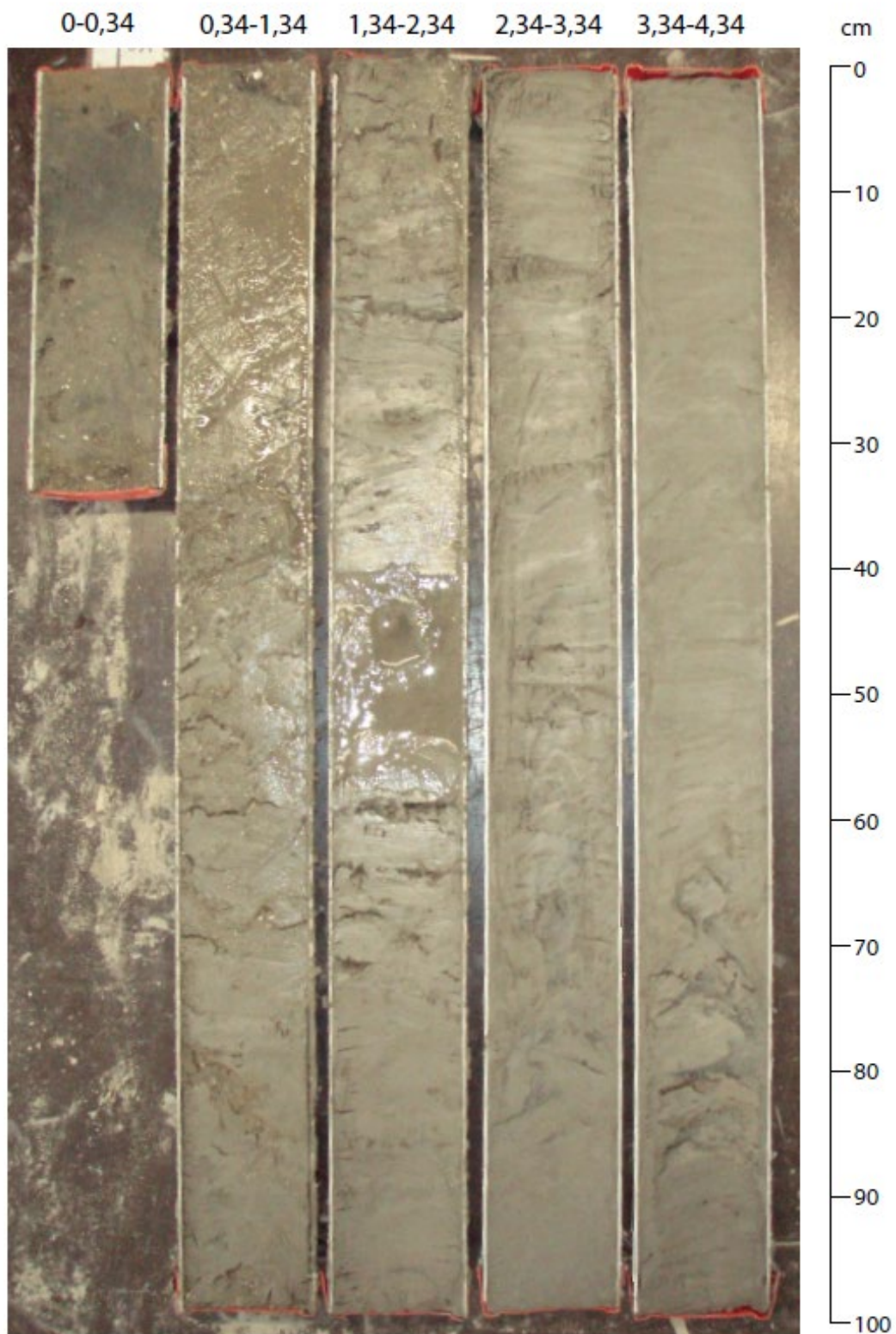
C-1



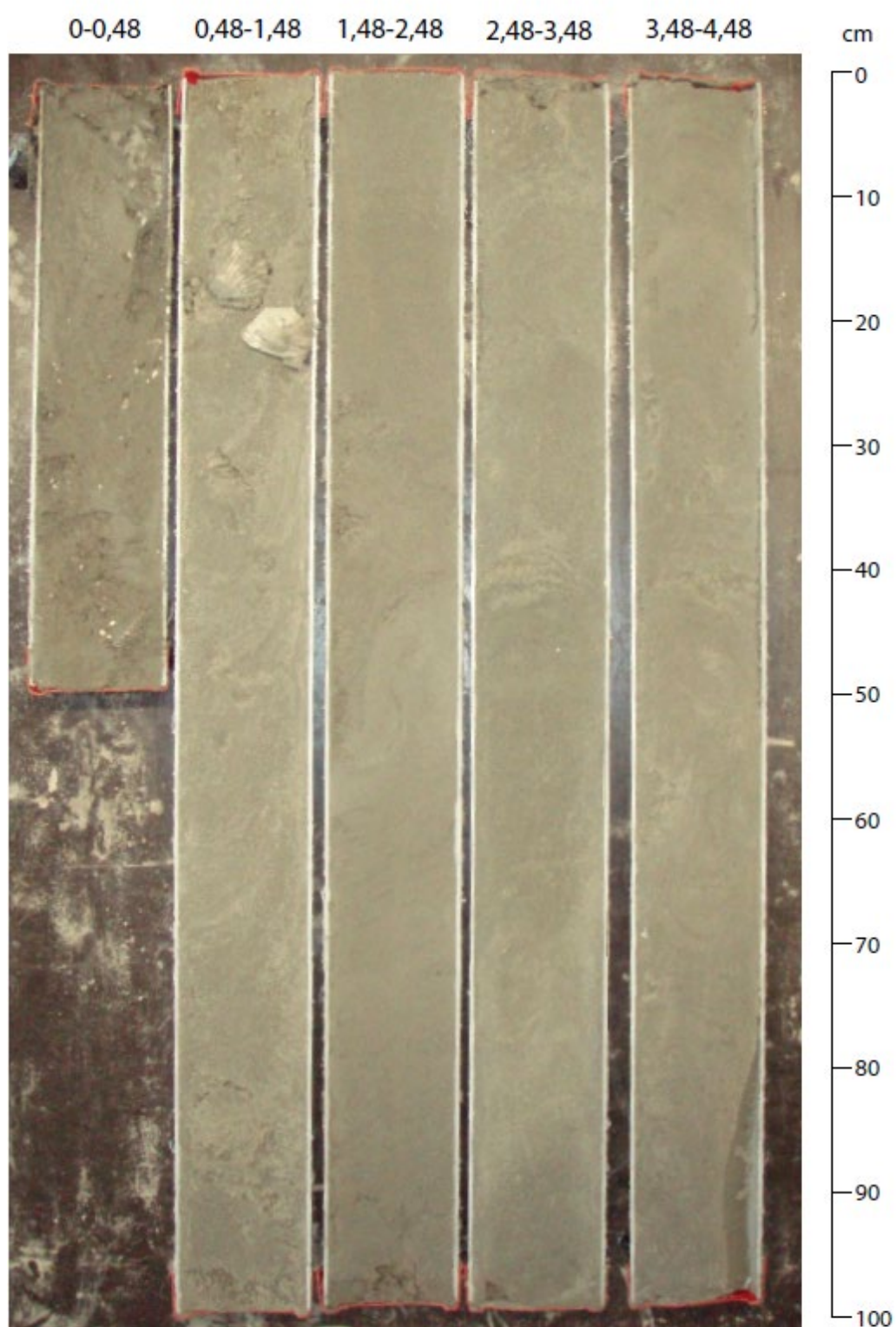
C-3



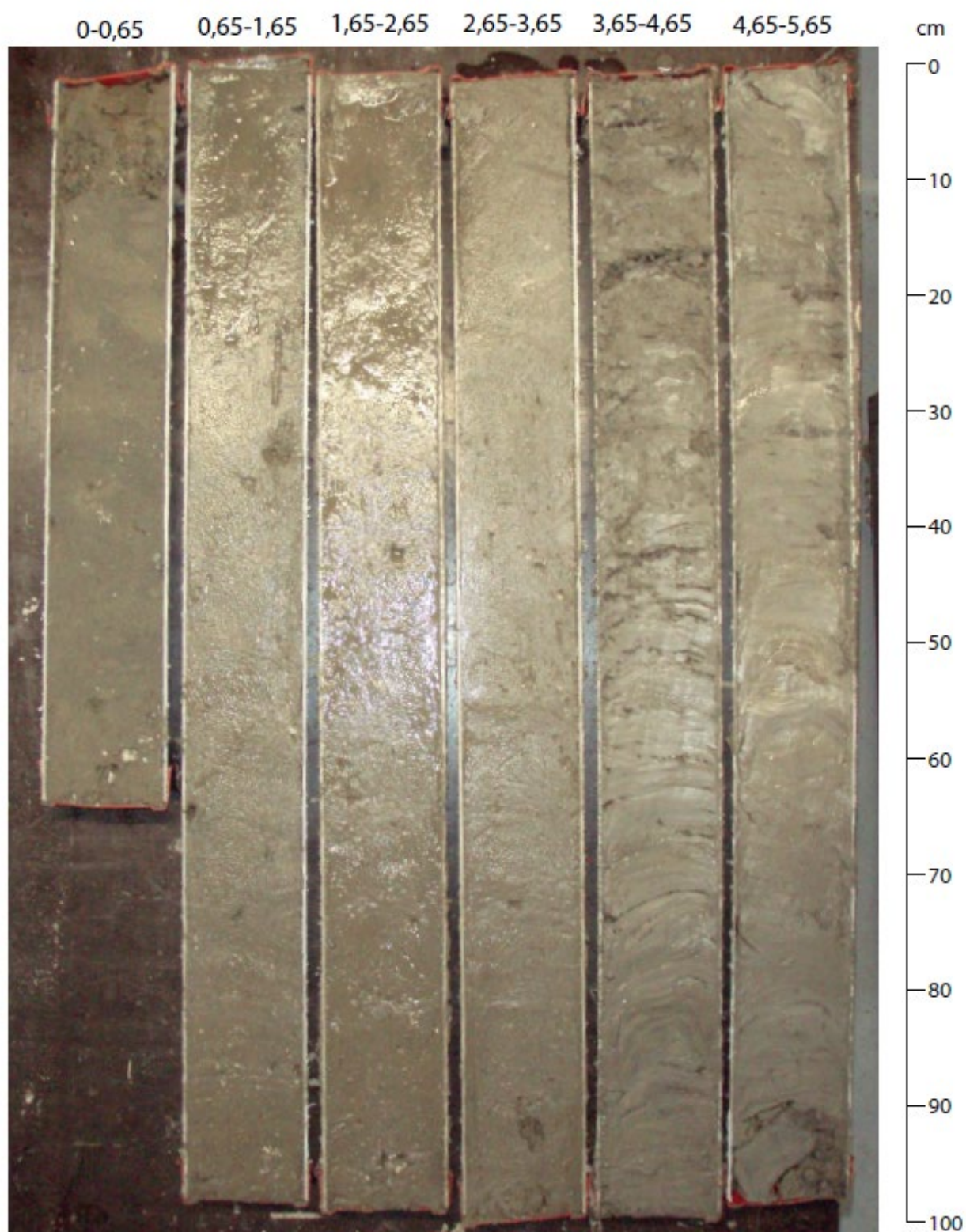
C-5



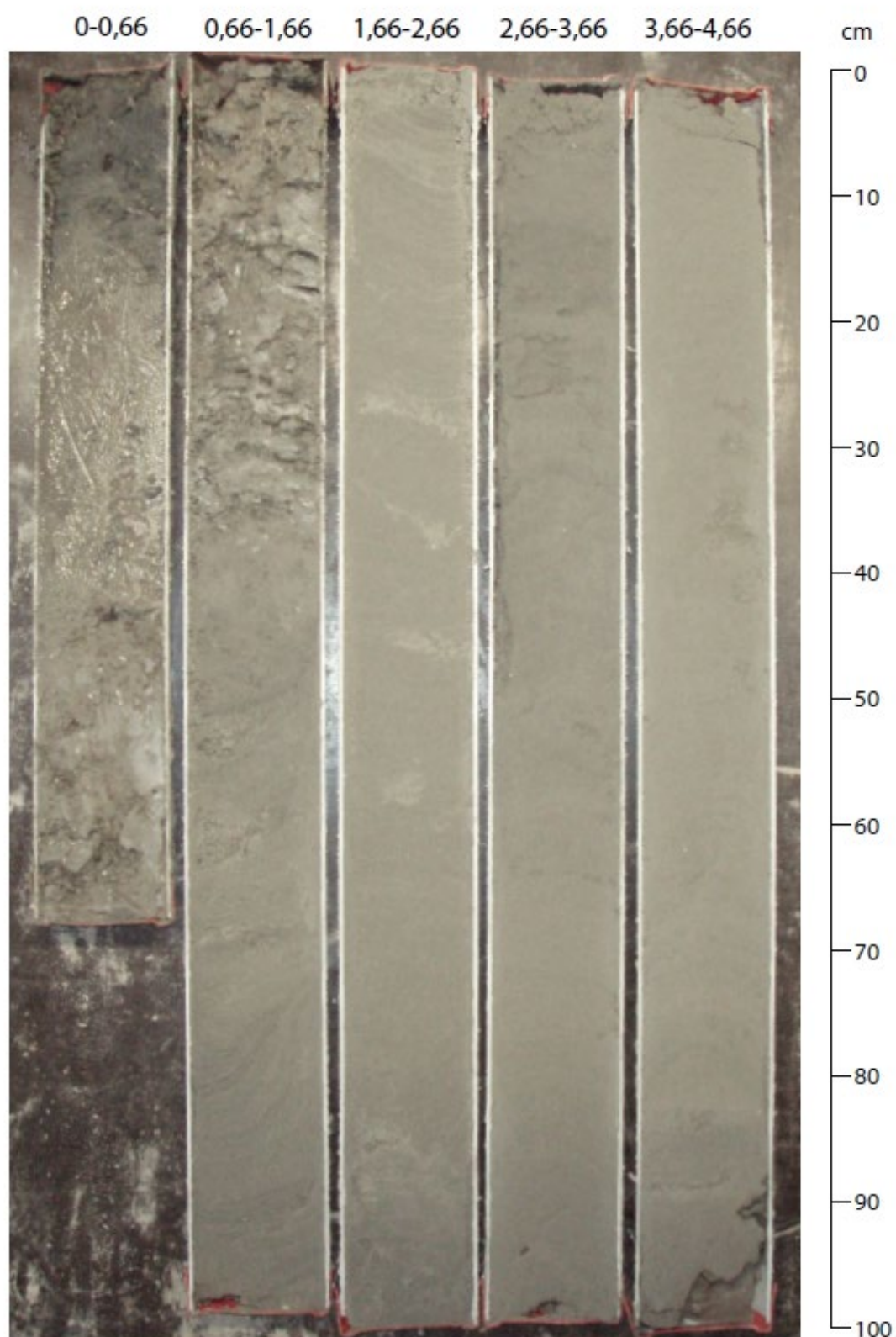
C-6



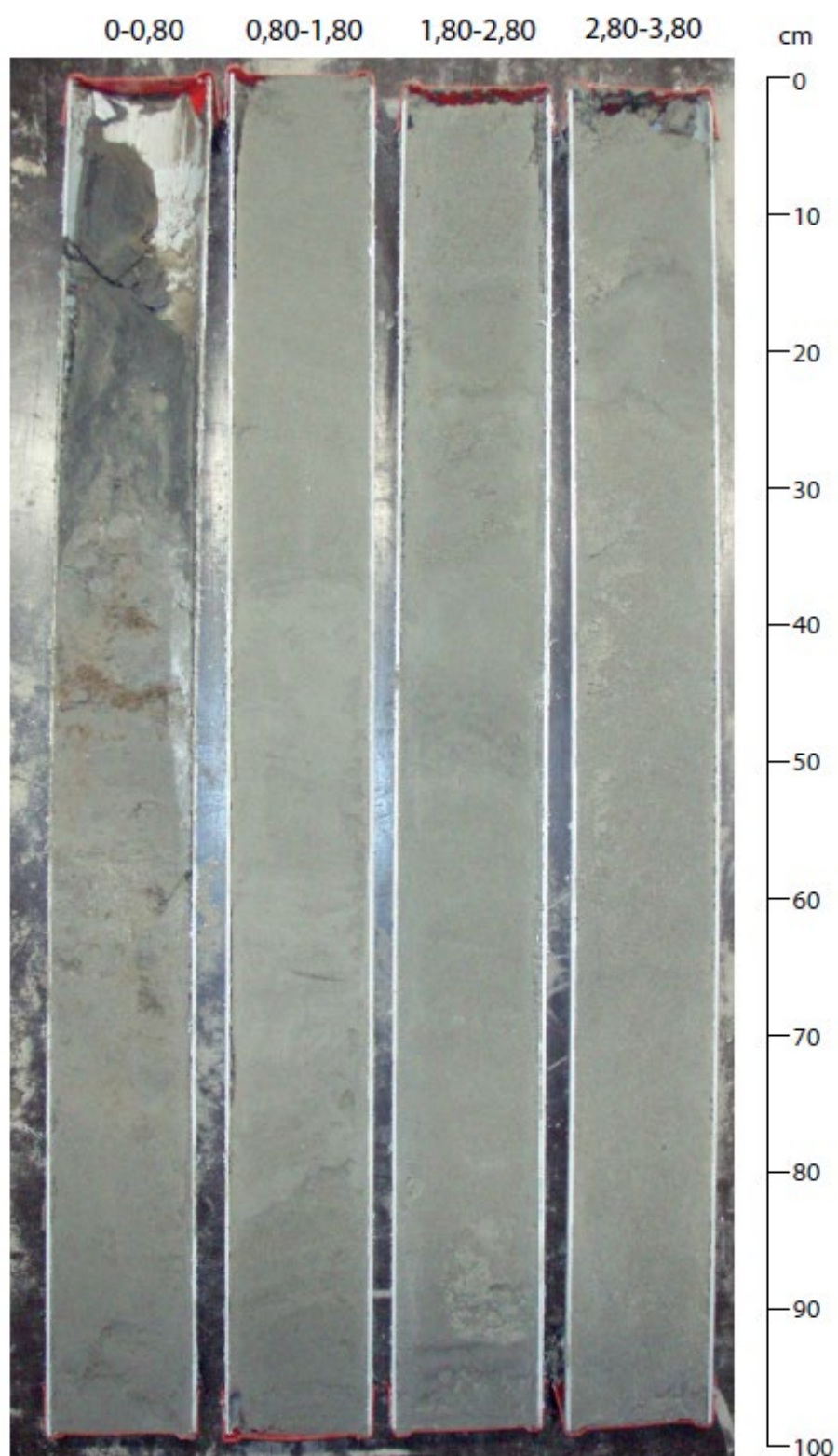
C-8



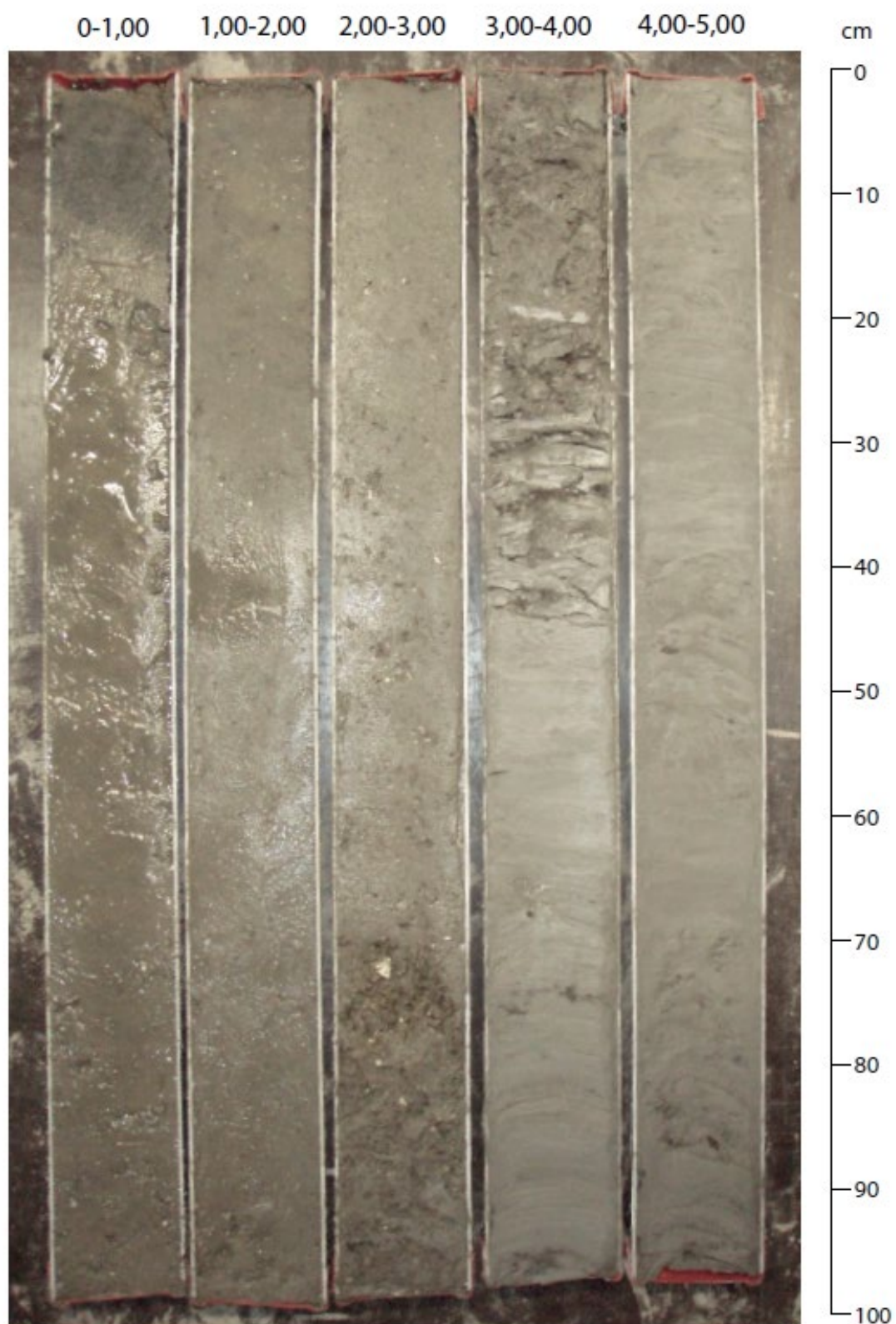
C-9



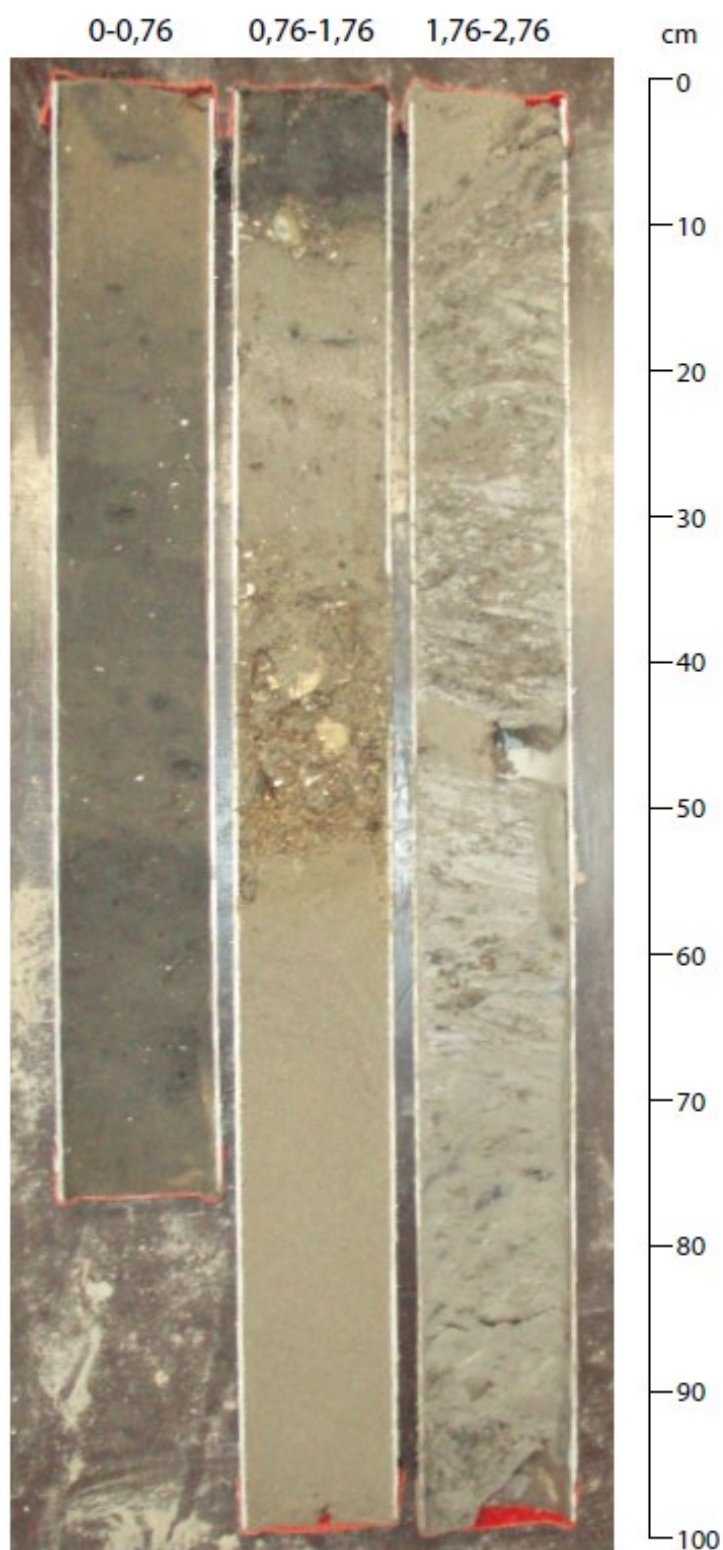
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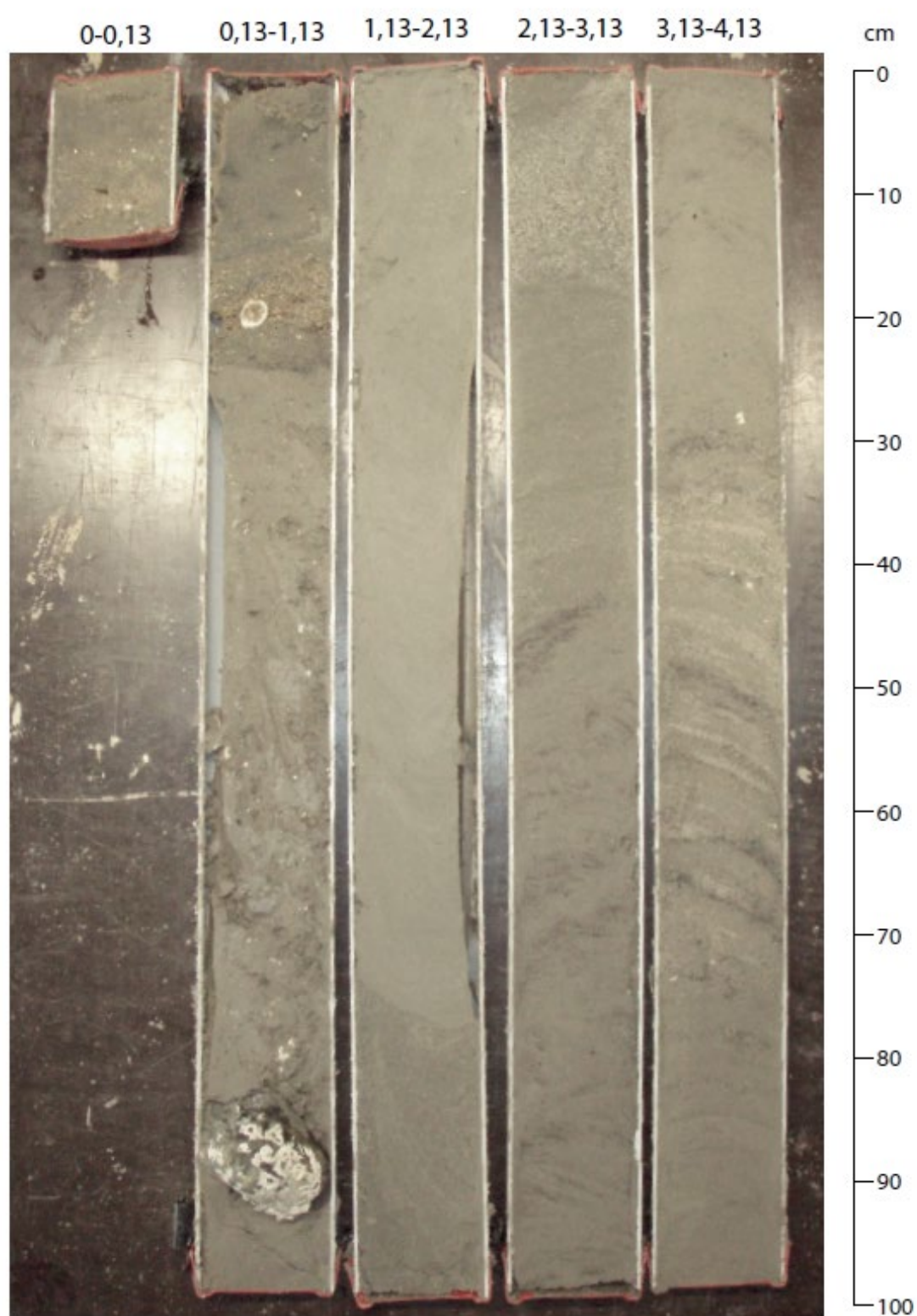
C-11



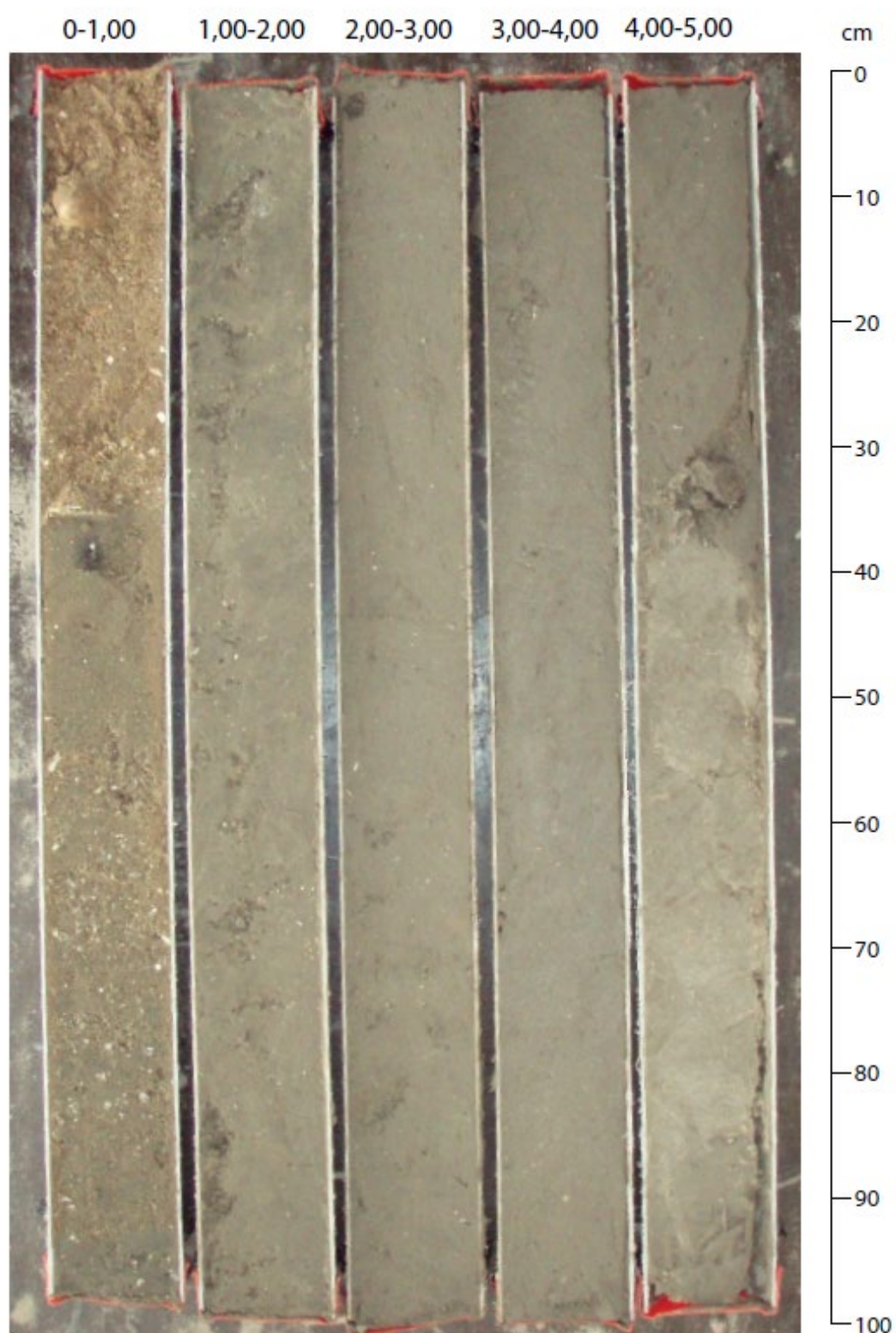
C-12



C-13



C-16



Appendix D4

Grain size analysis results: Area A, B, C

Grain Size Distribution

Geotechnical

Sample Id: A2 0-40
Lab. Id: 220461
Projekt: Energistyrelsen
Subject: A2
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 102,2 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,01	0,01	99,99
2,00	-1,00	0,26	0,25	99,74
1,40	-0,49	0,28	0,27	99,46
1,00	0,00	1,91	1,87	97,59
0,710	0,49	5,93	5,80	91,79
0,500	1,00	23,02	22,52	69,27
0,355	1,49	30,71	30,05	39,22
0,250	2,00	21,46	21,00	18,22
0,180	2,47	12,37	12,10	6,12
0,125	3,00	5,03	4,92	1,19
0,090	3,47	0,36	0,35	0,84
0,075	3,74	0,01	0,01	0,83
0,063	3,99	0,01	0,01	0,82
< 0,063	> 3,99	0,84	0,82	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,82
Sand, fine (0,063 mm - 0,200 mm):	8,75
Sand, medium (0,2 mm - 0,6 mm):	70,42
Sand, coarse (0,6 mm - 2 mm):	19,74
Gravel (> 2 mm):	0,26
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,87	0,20
16%	84%	0,64	0,65
25%	75%	0,55	0,85
40%	60%	0,46	1,14
Median 50%	50%	0,41	1,30
75%	25%	0,28	1,82
84%	16%	0,24	2,08
90%	10%	0,20	2,30
95%	5%	0,17	2,58

Moments Statistics

Mean	1,34
Sorting	0,72
Skewness	0,09
Kurtosis	1,01
Uniformity Coefficient	2,25

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

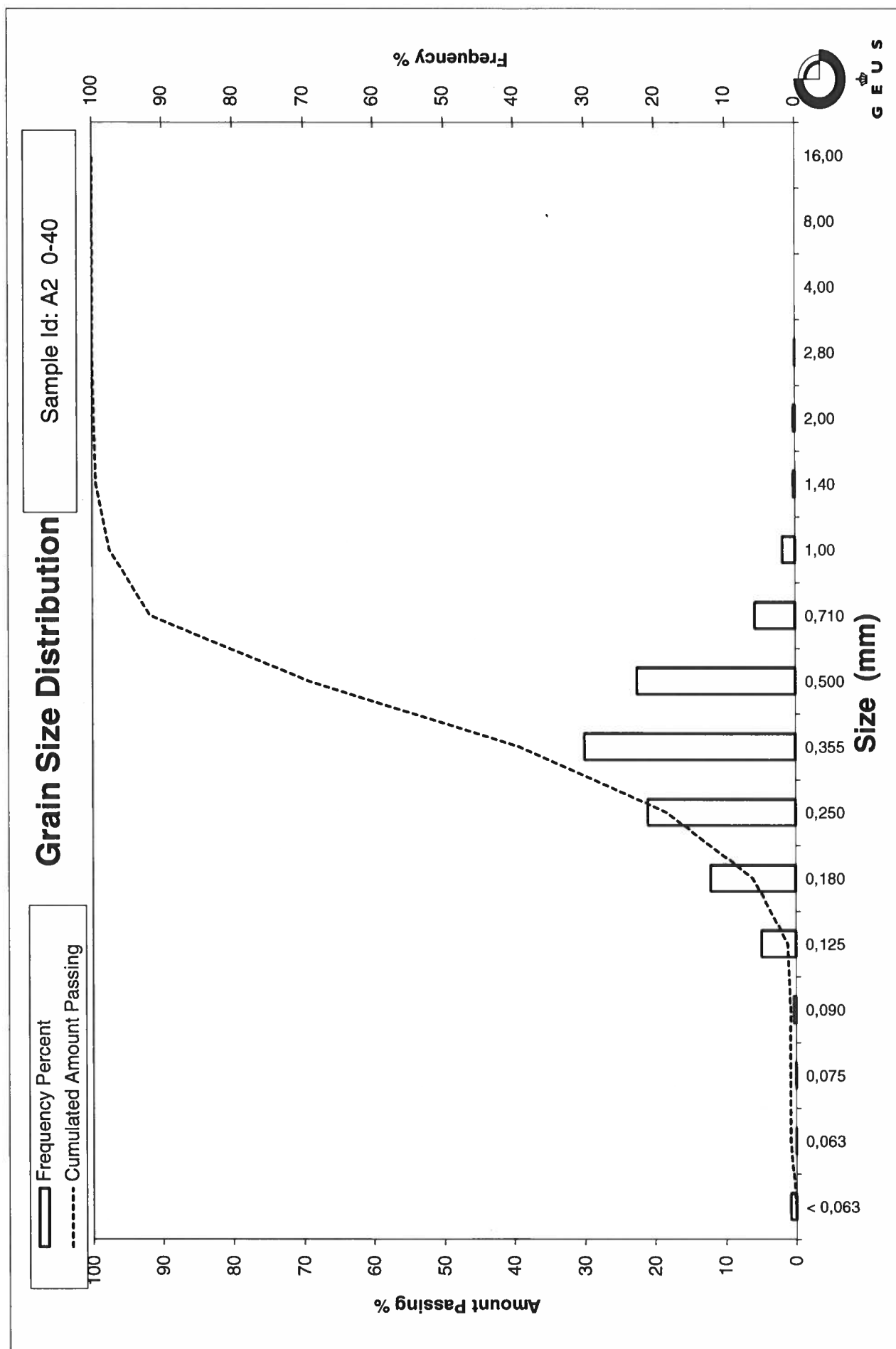
Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

Size Classes and Percentiles are found by linear interpolation

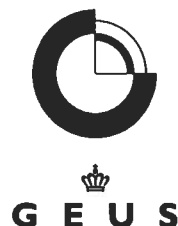
Øster Voldgade 10 1350 København K
 Tel.: +45 38 14 20 00 Telefax: +45 38 14 20 50
 Email: GEUS@geus.dk
 www.geus.dk



Grain Size Distribution

Geotechnical

Sample Id: A2 50-100
Lab. Id: 220462
Projekt: Energistyrrelsen
Subject: A2
Date: 13-06-2022
Executed: PS/CRL
Remarks: > 4mm består af skaller



Total Weight 106,96 g

Size Fractions

Sieve Analysis					
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,17	0,16	99,84
	2,80	-1,49	0,00	0,00	99,84
	2,00	-1,00	0,06	0,06	99,78
	1,40	-0,49	0,26	0,24	99,54
	1,00	0,00	1,24	1,16	98,38
	0,710	0,49	4,25	3,97	94,41
	0,500	1,00	18,97	17,74	76,67
	0,355	1,49	30,11	28,15	48,52
	0,250	2,00	30,00	28,05	20,47
	0,180	2,47	15,80	14,77	5,70
	0,125	3,00	4,91	4,59	1,11
	0,090	3,47	0,39	0,36	0,75
	0,075	3,74	0,00	0,00	0,75
	0,063	3,99	0,00	0,00	0,75
	< 0,063	> 3,99	0,80	0,75	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,75
Sand, fine (0,063 mm - 0,200 mm):	9,18
Sand, medium (0,2 mm - 0,6 mm):	75,20
Sand, coarse (0,6 mm - 2 mm):	14,67
Gravel (> 2 mm):	0,22
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,75	0,41
16%	84%	0,59	0,77
25%	75%	0,49	1,03
40%	60%	0,41	1,27
Median 50%	50%	0,36	1,46
75%	25%	0,27	1,91
84%	16%	0,23	2,13
90%	10%	0,20	2,32
95%	5%	0,17	2,54

Moments Statistics

Mean	1,45
Sorting	0,66
Skewness	-0,01
Kurtosis	0,99
Uniformity Coefficient	2,07

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

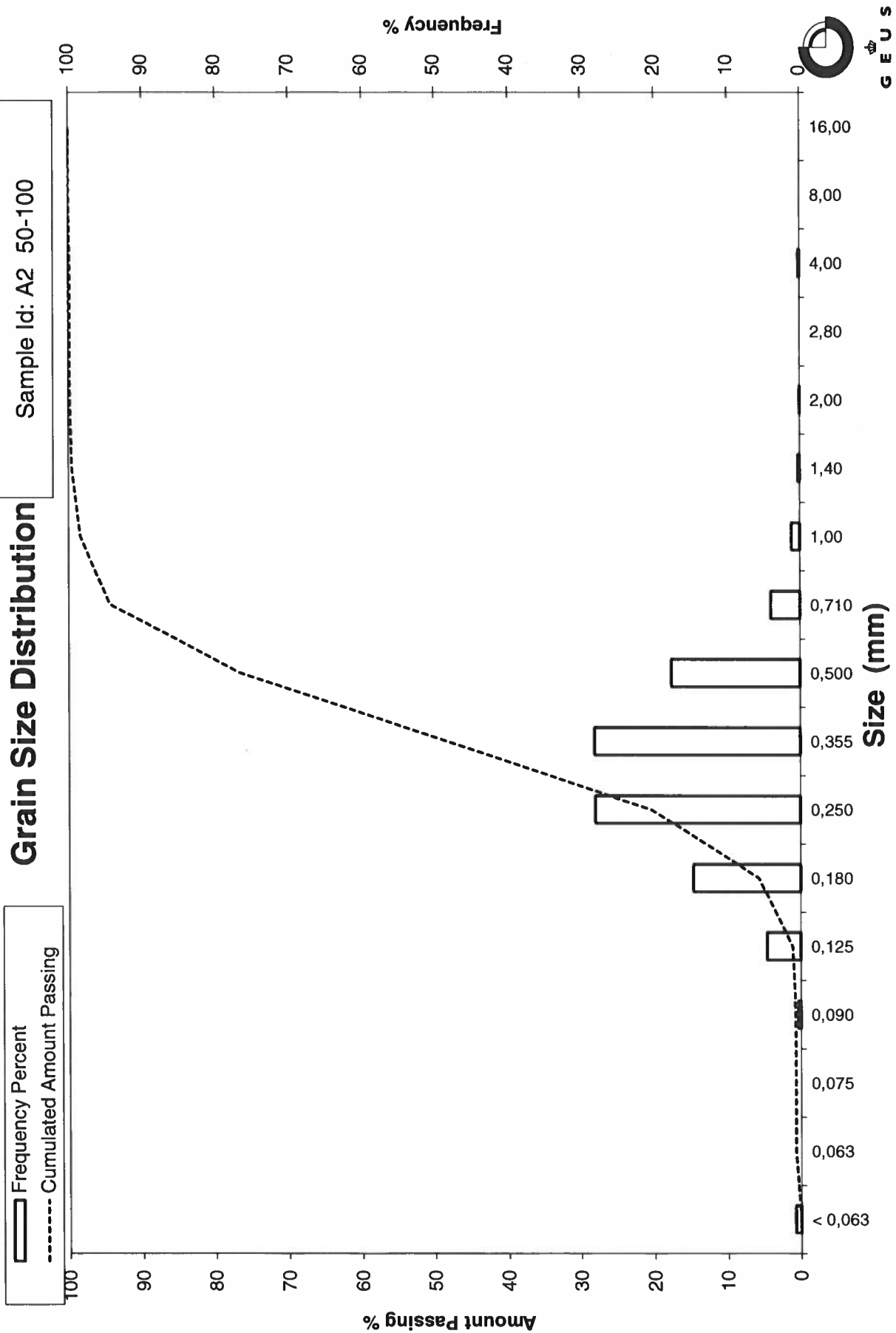
Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

Size Classes and Percentiles are found by linear interpolation

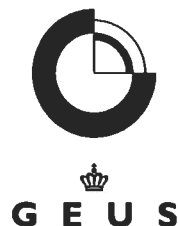
Øster Voldgade 10 1350 København K
 Tel.: +45 38 14 20 00 Telefax: +45 38 14 20 50
 Email: GEUS@geus.dk
 www.geus.dk



Grain Size Distribution

Geotechnical

Sample Id: A2 150-200
Lab. Id: 220463
Projekt Energistyrelsen
Subject: A2
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 104,42 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,03	0,03	99,97
1,00	0,00	0,18	0,17	99,80
0,710	0,49	1,14	1,09	98,71
0,500	1,00	8,31	7,96	90,75
0,355	1,49	20,09	19,24	71,51
0,250	2,00	27,12	25,97	45,54
0,180	2,47	34,35	32,90	12,64
0,125	3,00	9,90	9,48	3,16
0,090	3,47	1,04	1,00	2,16
0,075	3,74	0,09	0,09	2,08
0,063	3,99	0,18	0,17	1,91
< 0,063	> 3,99	1,99	1,91	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,91
Sand, fine (0,063 mm - 0,200 mm):	20,13
Sand, medium (0,2 mm - 0,6 mm):	72,50
Sand, coarse (0,6 mm - 2 mm):	5,46
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,61	0,71
16%	84%	0,45	1,15
25%	75%	0,38	1,39
40%	60%	0,31	1,70
Median 50%	50%	0,27	1,90
75%	25%	0,21	2,28
84%	16%	0,19	2,42
90%	10%	0,16	2,60
95%	5%	0,14	2,88

Moments Statistics

Mean	1,82
Sorting	0,65
Skewness	-0,14
Kurtosis	1,01
Uniformity Coefficient	1,87

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

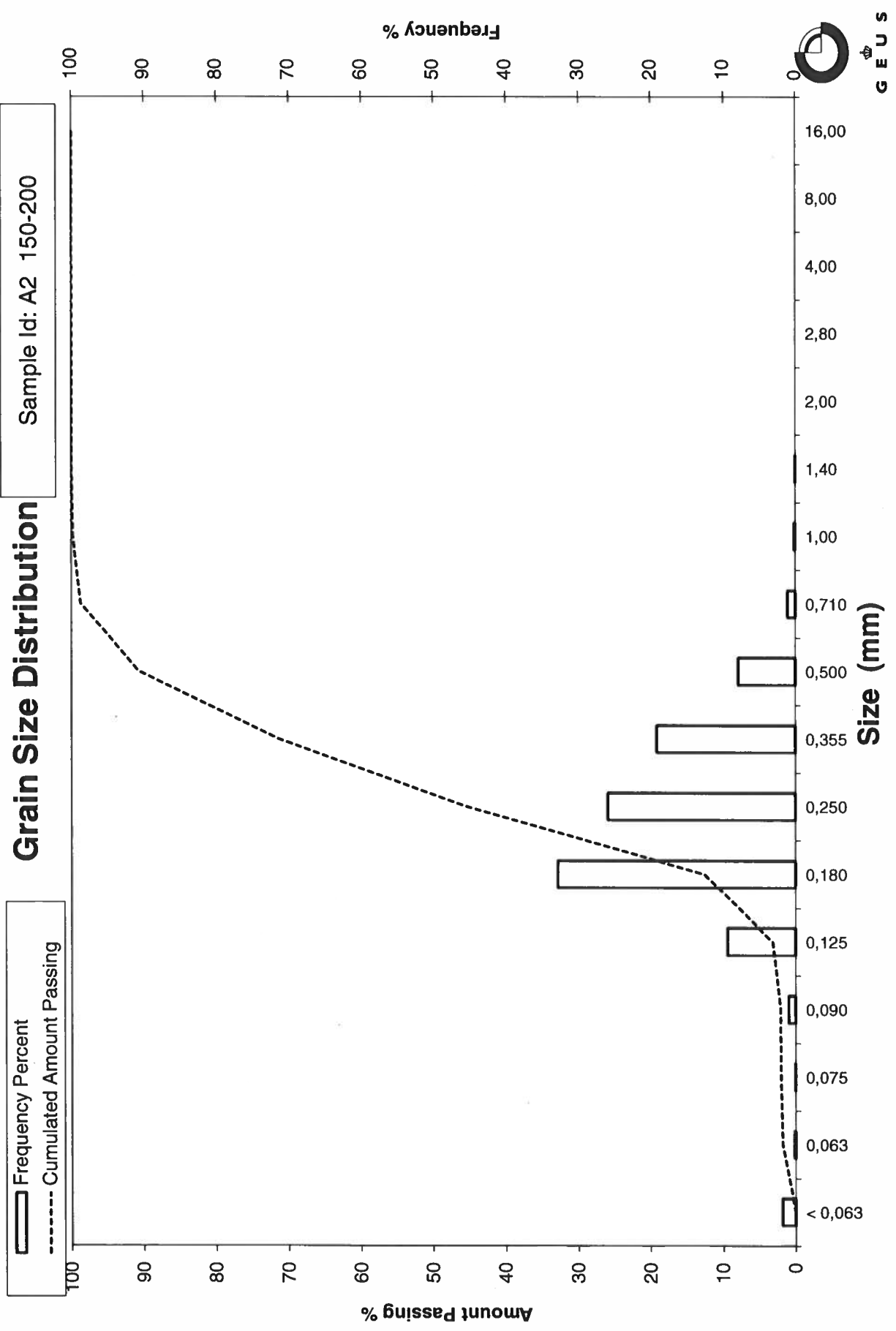
Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

Size Classes and Percentiles are found by linear interpolation

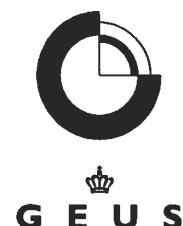
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Grain Size Distribution

Geotechnical

Sample Id: A2 250-300
Lab. Id: 220464
Projekt: Energistyrelsen
Subject: A2
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 103,05 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,01	0,01	99,99
1,00	0,00	0,14	0,14	99,85
0,710	0,49	1,02	0,99	98,86
0,500	1,00	4,26	4,13	94,73
0,355	1,49	8,79	8,53	86,20
0,250	2,00	15,81	15,34	70,86
0,180	2,47	28,84	27,99	42,87
0,125	3,00	36,62	35,54	7,34
0,090	3,47	5,06	4,91	2,43
0,075	3,74	0,37	0,36	2,07
0,063	3,99	0,27	0,26	1,80
< 0,063	> 3,99	1,86	1,80	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,80
Sand, fine (0,063 mm - 0,200 mm):	49,06
Sand, medium (0,2 mm - 0,6 mm):	45,83
Sand, coarse (0,6 mm - 2 mm):	3,30
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,51	0,96
16%	84%	0,34	1,56
25%	75%	0,28	1,85
40%	60%	0,22	2,17
Median 50%	50%	0,20	2,34
75%	25%	0,15	2,71
84%	16%	0,14	2,85
90%	10%	0,13	2,95
95%	5%	0,11	3,21

Moments Statistics

Mean	2,25
Sorting	0,66
Skewness	-0,22
Kurtosis	1,06
Uniformity Coefficient	1,73

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

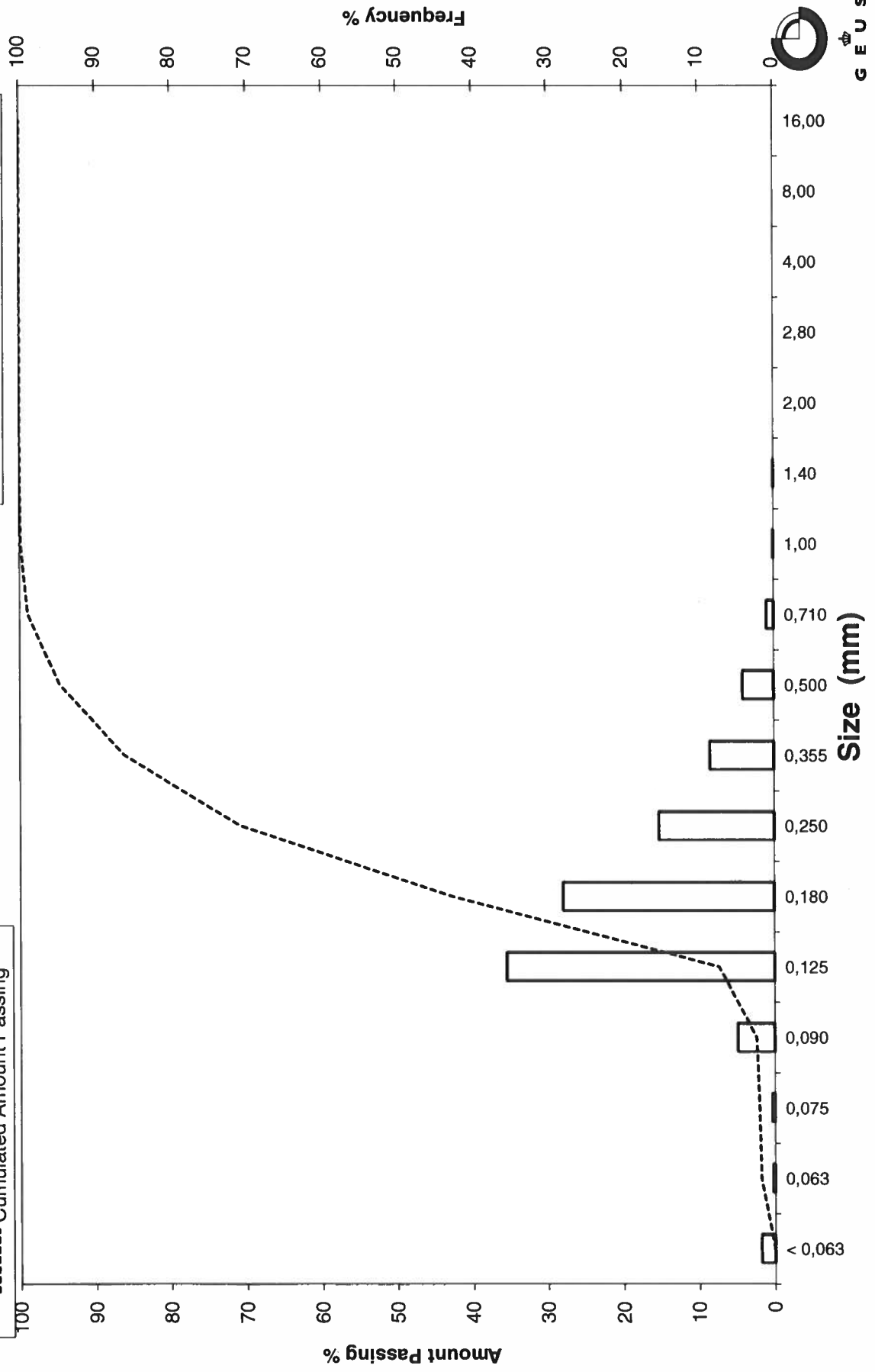
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A2 250-300

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A3 25-55
Lab. Id: 220465
Projekt: Energistyrelsen
Subject: A3
Date: 13-06-2022
Executed: PS/CRL
Remarks: > 4mm består af skaller



Total Weight 108,37 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,09	0,08	99,92
2,80	-1,49	0,50	0,46	99,46
2,00	-1,00	1,79	1,65	97,80
1,40	-0,49	5,15	4,75	93,05
1,00	0,00	12,71	11,73	81,32
0,710	0,49	16,21	14,96	66,37
0,500	1,00	18,05	16,66	49,71
0,355	1,49	16,23	14,98	34,73
0,250	2,00	15,41	14,22	20,51
0,180	2,47	14,33	13,22	7,29
0,125	3,00	6,56	6,05	1,24
0,090	3,47	0,45	0,42	0,82
0,075	3,74	0,05	0,05	0,78
0,063	3,99	0,05	0,05	0,73
< 0,063	> 3,99	0,79	0,73	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,73
Sand, fine (0,063 mm - 0,200 mm):	10,34
Sand, medium (0,2 mm - 0,6 mm):	46,57
Sand, coarse (0,6 mm - 2 mm):	40,16
Gravel (> 2 mm):	2,20
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,65	-0,72
16%	84%	1,09	-0,13
25%	75%	0,88	0,19
40%	60%	0,63	0,67
Median 50%	50%	0,50	0,99
75%	25%	0,28	1,82
84%	16%	0,23	2,14
90%	10%	0,19	2,36
95%	5%	0,16	2,65

Moments Statistics

Mean	1,00
Sorting	1,08
Skewness	0,00
Kurtosis	0,85
Uniformity Coefficient	3,24

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

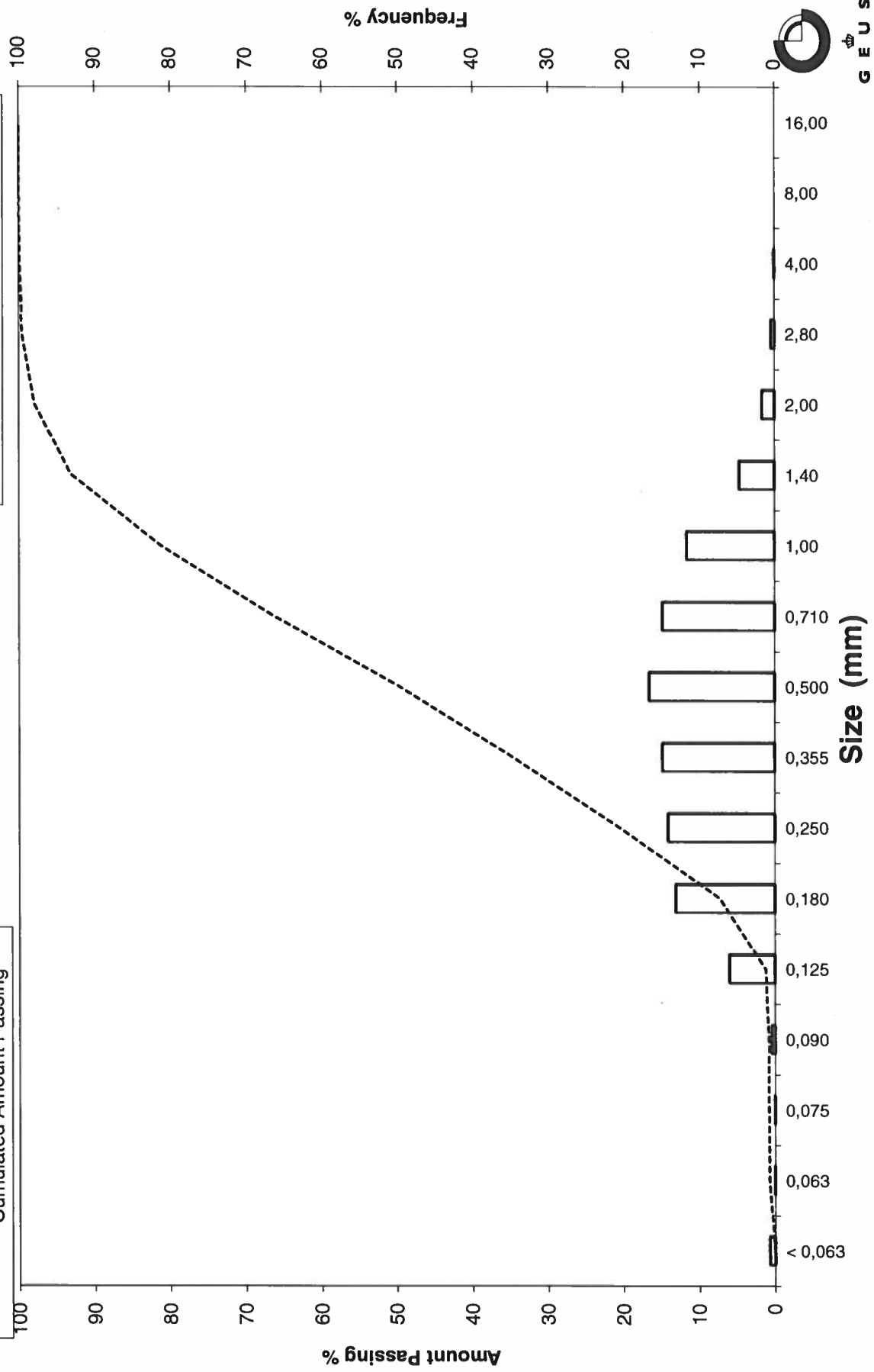
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A3 25-55

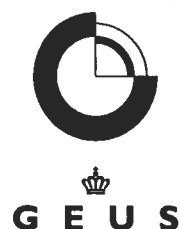
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A3 60-100
Lab. Id: 220466
Projekt Energistyrelsen
Subject: A3
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 94,82 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,01	0,01	99,99
2,00	-1,00	0,01	0,01	99,98
1,40	-0,49	0,06	0,06	99,92
1,00	0,00	0,22	0,23	99,68
0,710	0,49	0,50	0,53	99,16
0,500	1,00	1,97	2,08	97,08
0,355	1,49	2,30	2,43	94,65
0,250	2,00	9,50	10,02	84,63
0,180	2,47	29,88	31,51	53,12
0,125	3,00	42,20	44,51	8,62
0,090	3,47	5,57	5,87	2,74
0,075	3,74	0,45	0,47	2,27
0,063	3,99	0,50	0,53	1,74
< 0,063	> 3,99	1,65	1,74	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,74
Sand, fine (0,063 mm - 0,200 mm):	60,39
Sand, medium (0,2 mm - 0,6 mm):	35,94
Sand, coarse (0,6 mm - 2 mm):	1,91
Gravel (> 2 mm):	0,02
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,38	1,41
16%	84%	0,25	2,01
25%	75%	0,23	2,13
40%	60%	0,20	2,36
Median 50%	50%	0,18	2,51
75%	25%	0,15	2,78
84%	16%	0,13	2,90
90%	10%	0,13	2,98
95%	5%	0,10	3,27

Moments Statistics

Mean	2,47
Sorting	0,50
Skewness	-0,15
Kurtosis	1,17
Uniformity Coefficient	1,54

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

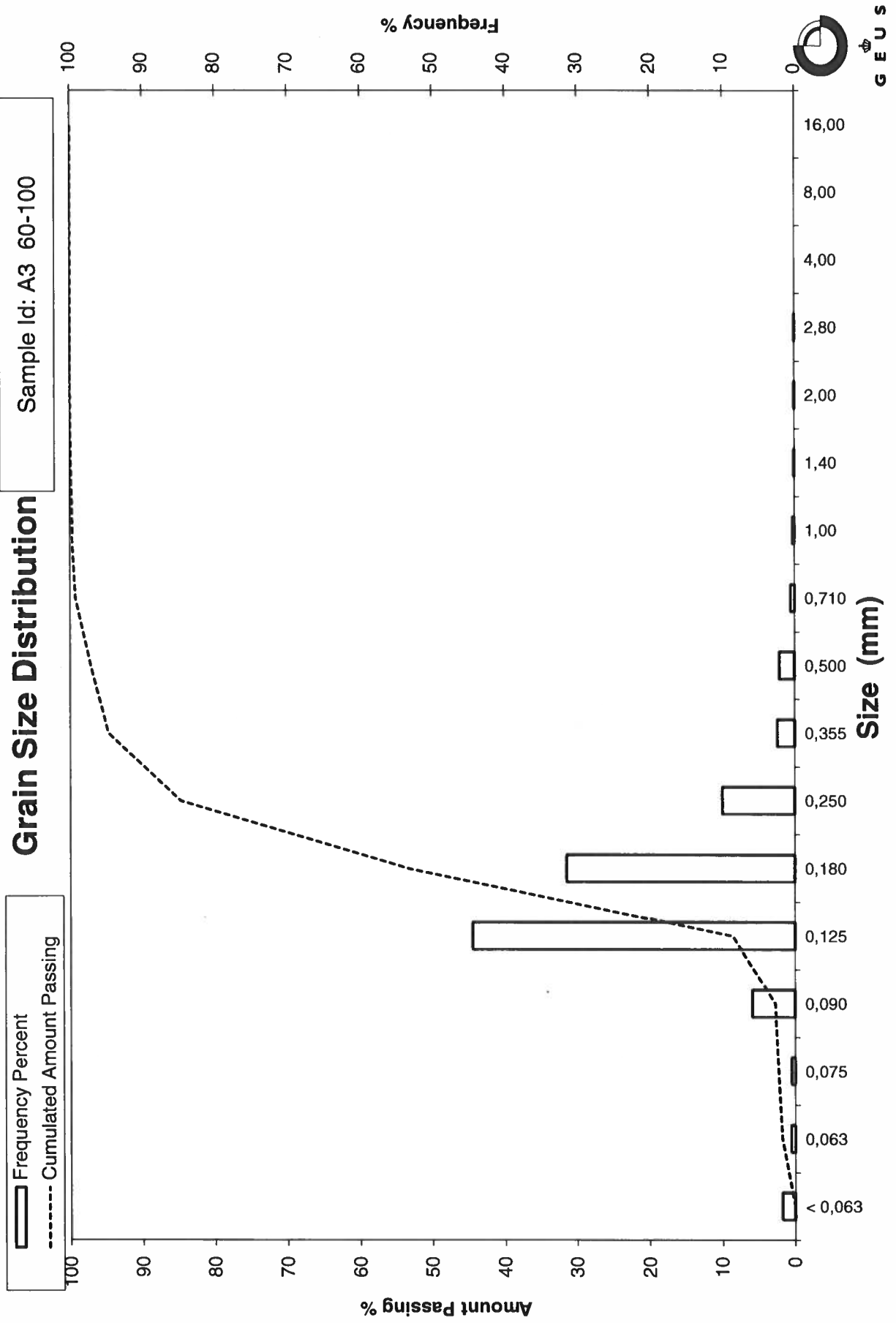
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: A3 100-150
Lab. Id: 220417
Projekt: Energistyrelsen
Subject: A3
Date: 13-06-2022
Executed: PS/CRL
Remarks: >4mm består af skaller



Total Weight 118,96 g

Size Fractions

Sieve Analysis					
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,14	0,12	99,88
	2,80	-1,49	0,00	0,00	99,88
	2,00	-1,00	0,18	0,15	99,73
	1,40	-0,49	0,38	0,32	99,41
Sand	1,00	0,00	1,06	0,89	98,52
	0,710	0,49	1,94	1,63	96,89
	0,500	1,00	6,54	5,50	91,39
	0,355	1,49	8,74	7,35	84,05
	0,250	2,00	25,13	21,12	62,92
	0,180	2,47	41,45	34,84	28,08
	0,125	3,00	28,63	24,07	4,01
	0,090	3,47	2,31	1,94	2,07
	0,075	3,74	0,15	0,13	1,94
	0,063	3,99	0,16	0,13	1,81
	< 0,063	> 3,99	2,15	1,81	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,81
Sand, fine (0,063 mm - 0,200 mm):	36,22
Sand, medium (0,2 mm - 0,6 mm):	55,98
Sand, coarse (0,6 mm - 2 mm):	5,72
Gravel (> 2 mm):	0,27
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,64	0,65
16%	84%	0,35	1,50
25%	75%	0,31	1,69
40%	60%	0,24	2,03
Median 50%	50%	0,22	2,16
75%	25%	0,17	2,53
84%	16%	0,15	2,71
90%	10%	0,14	2,85
95%	5%	0,13	2,97

Moments Statistics

Mean	2,12
Sorting	0,66
Skewness	-0,19
Kurtosis	1,13
Uniformity Coefficient	1,76

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

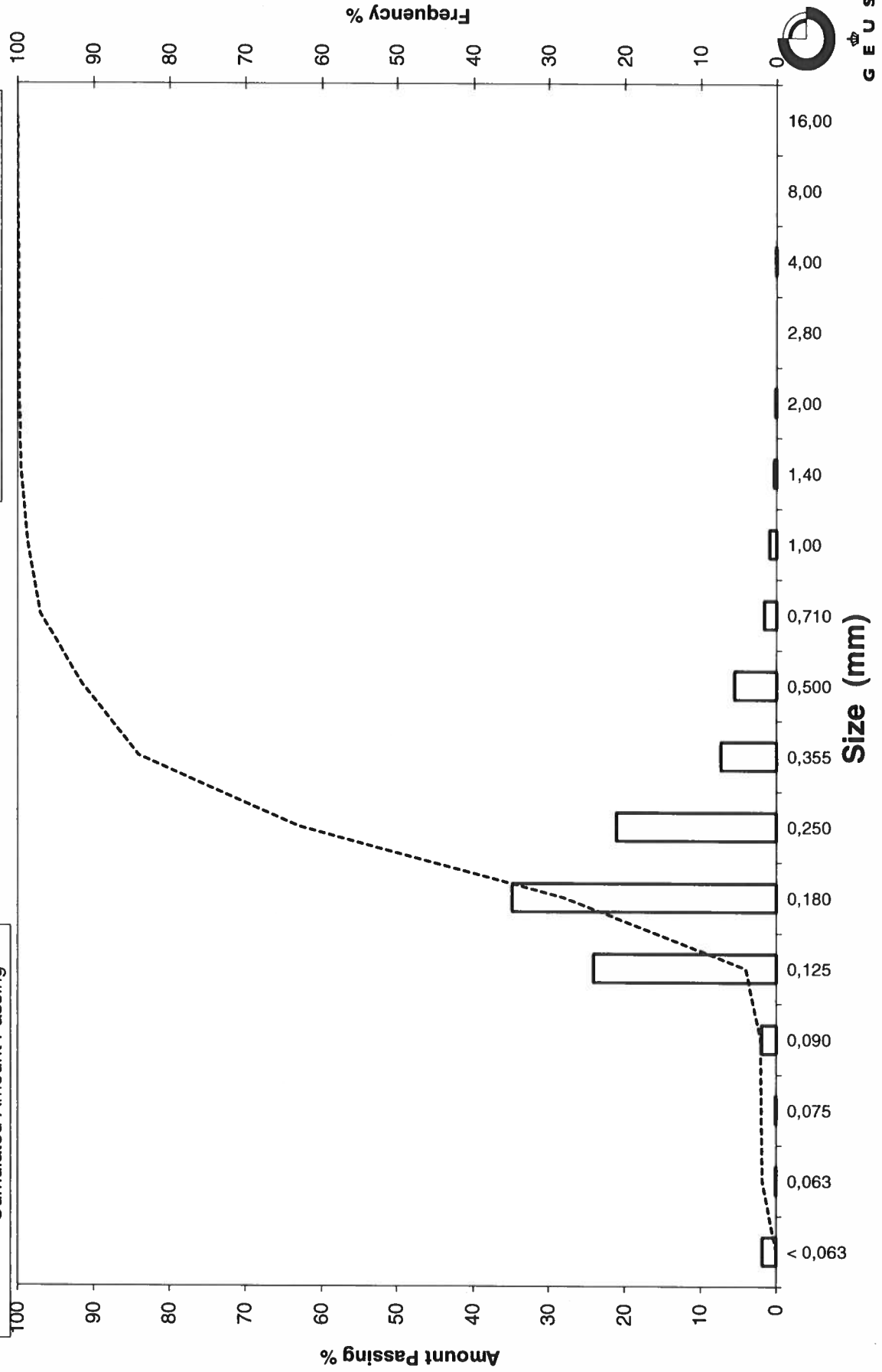
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A3 100-150

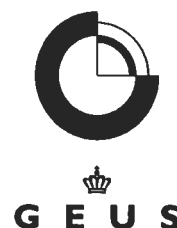
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A3 150-200
Lab. Id: 220418
Projekt: Energistyrrelsen
Subject: A3
Date: 13-06-2022
Executed: PS/CRL
Remarks: >8mm består af skaller



Total Weight 119,55 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,07	0,06	99,94
4,00	-2,00	0,57	0,48	99,46
2,80	-1,49	1,05	0,88	98,59
2,00	-1,00	1,67	1,40	97,19
1,40	-0,49	2,85	2,38	94,81
1,00	0,00	6,32	5,29	89,52
0,710	0,49	7,77	6,50	83,02
0,500	1,00	15,96	13,35	69,67
0,355	1,49	29,01	24,27	45,40
0,250	2,00	33,27	27,83	17,57
0,180	2,47	14,55	12,17	5,40
0,125	3,00	4,55	3,81	1,60
0,090	3,47	0,44	0,37	1,23
0,075	3,74	0,05	0,04	1,19
0,063	3,99	0,00	0,00	1,19
< 0,063	> 3,99	1,42	1,19	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,19
Sand, fine (0,063 mm - 0,200 mm):	7,69
Sand, medium (0,2 mm - 0,6 mm):	67,15
Sand, coarse (0,6 mm - 2 mm):	21,16
Gravel (> 2 mm):	2,81
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,45	-0,54
16%	84%	0,75	0,41
25%	75%	0,58	0,78
40%	60%	0,44	1,18
Median 50%	50%	0,38	1,39
75%	25%	0,28	1,85
84%	16%	0,24	2,05
90%	10%	0,21	2,28
95%	5%	0,17	2,52

Moments Statistics

Mean	1,28
Sorting	0,87
Skewness	-0,22
Kurtosis	1,17
Uniformity Coefficient	2,14

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

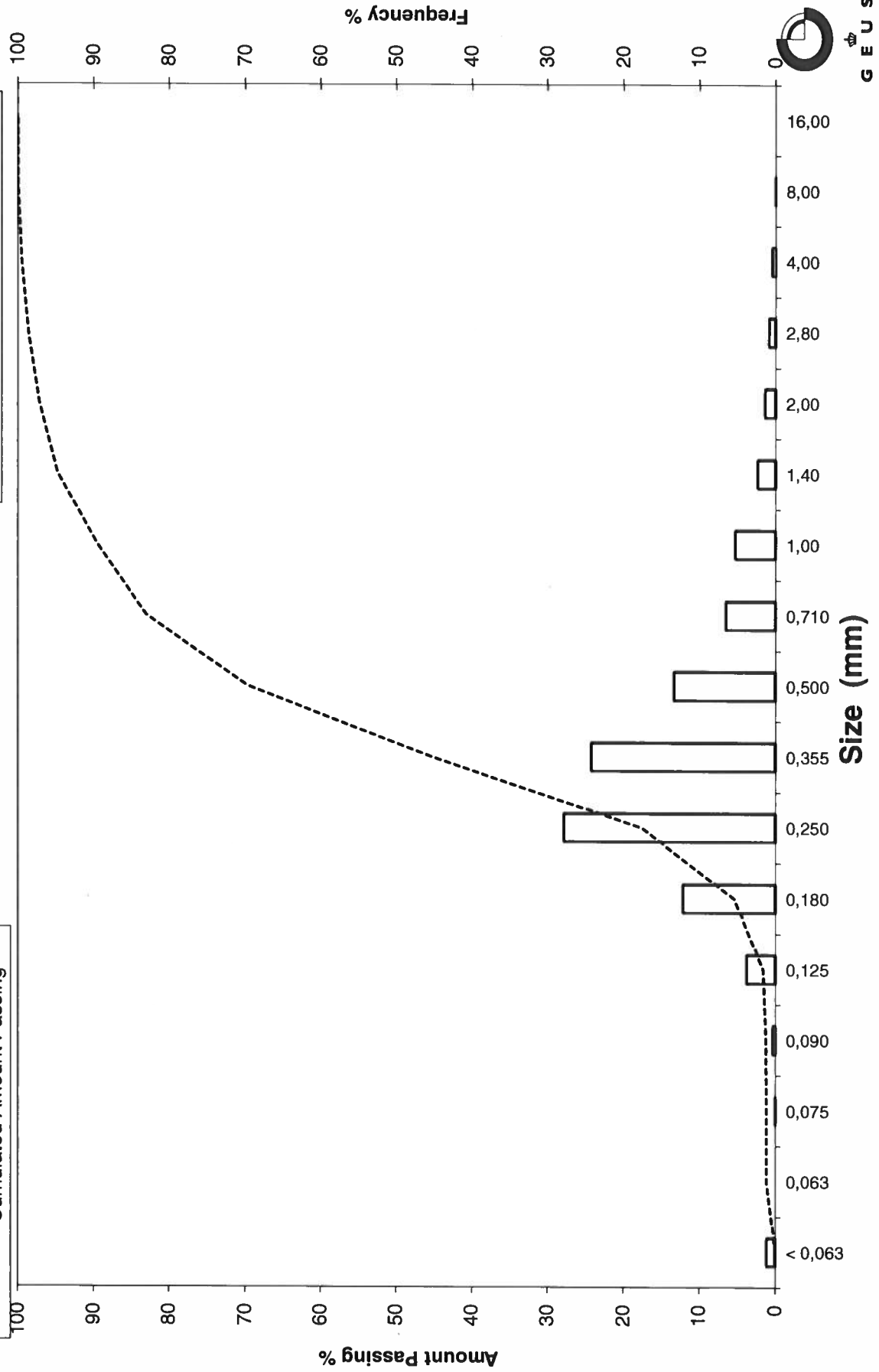
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A3 150-200

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A3 200-250
Lab. Id: 220419
Projekt: Energistyrelsen
Subject: A3
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 117,86 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Sieve Analysis	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	1,07	0,91	99,09
	4,00	-2,00	0,10	0,08	99,01
	2,80	-1,49	0,31	0,26	98,74
	2,00	-1,00	0,60	0,51	98,24
	1,40	-0,49	1,94	1,65	96,59
	1,00	0,00	5,50	4,67	91,92
	0,710	0,49	7,59	6,44	85,48
	0,500	1,00	13,40	11,37	74,11
	0,355	1,49	21,41	18,17	55,95
	0,250	2,00	36,21	30,72	25,22
	0,180	2,47	19,86	16,85	8,37
	0,125	3,00	7,35	6,24	2,14
	0,090	3,47	0,91	0,77	1,37
	0,075	3,74	0,11	0,09	1,27
	0,063	3,99	0,07	0,06	1,21
	< 0,063	> 3,99	1,43	1,21	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,21
Sand, fine (0,063 mm - 0,200 mm):	11,98
Sand, medium (0,2 mm - 0,6 mm):	66,34
Sand, coarse (0,6 mm - 2 mm):	18,71
Gravel (> 2 mm):	1,76
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,26	-0,34
16%	84%	0,68	0,55
25%	75%	0,52	0,95
40%	60%	0,39	1,37
Median 50%	50%	0,33	1,58
75%	25%	0,25	2,01
84%	16%	0,21	2,24
90%	10%	0,19	2,42
95%	5%	0,15	2,73

Moments Statistics

Mean	1,46
Sorting	0,89
Skewness	-0,23
Kurtosis	1,20
Uniformity Coefficient	2,07

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

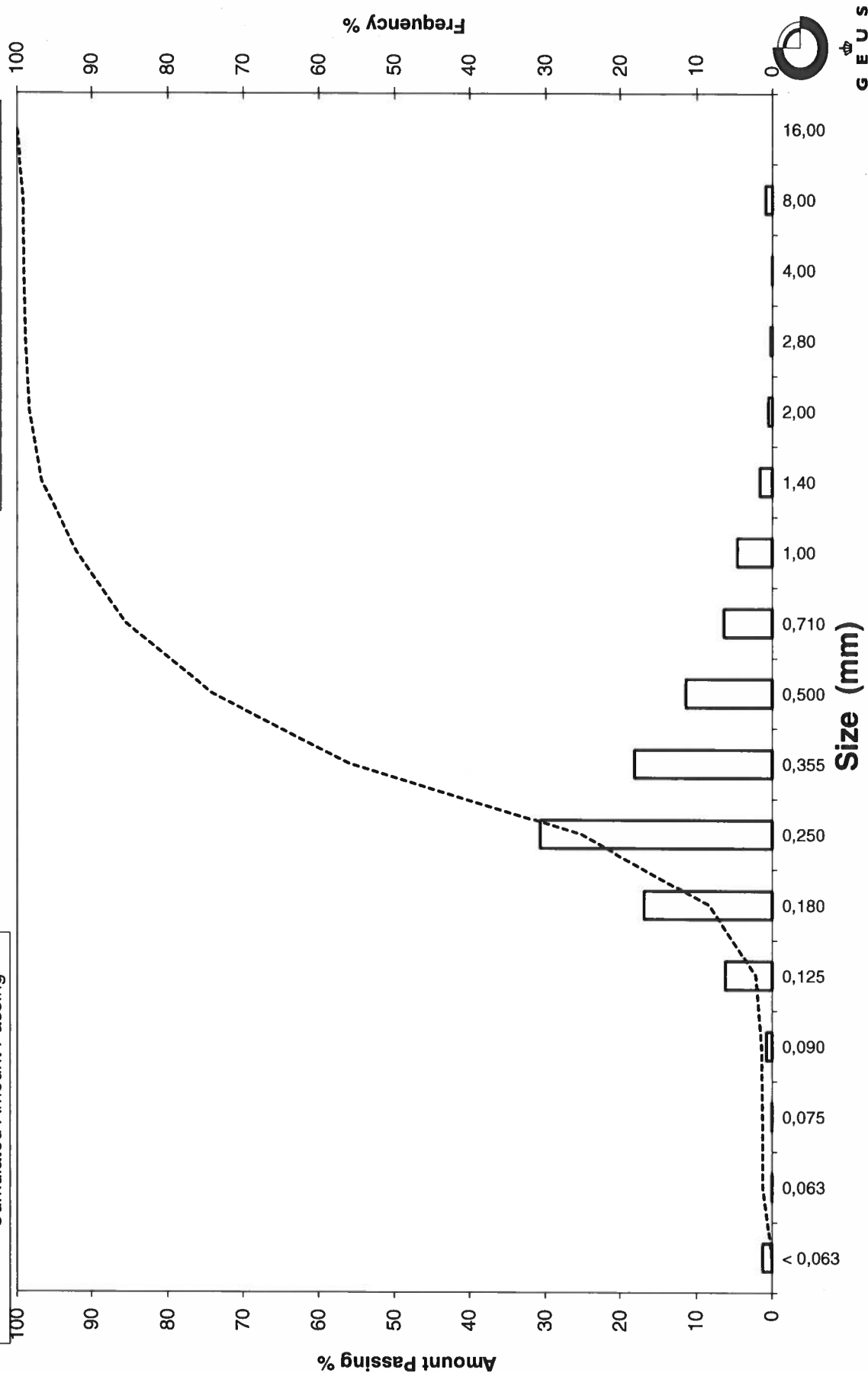
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A3 200-250

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A3 250-300
Lab. Id: 220420
Projekt: Energistyrelsen
Subject: A3
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 116,39 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,03	0,03	99,97
2,00	-1,00	0,19	0,16	99,81
1,40	-0,49	0,19	0,16	99,65
1,00	0,00	1,87	1,61	98,04
0,710	0,49	3,60	3,09	94,95
0,500	1,00	10,12	8,69	86,25
0,355	1,49	24,59	21,13	65,13
0,250	2,00	35,99	30,92	34,20
0,180	2,47	23,16	19,90	14,31
0,125	3,00	11,24	9,66	4,65
0,090	3,47	1,13	0,97	3,68
0,075	3,74	0,39	0,34	3,34
0,063	3,99	0,17	0,15	3,20
< 0,063	> 3,99	3,72	3,20	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	3,20
Sand, fine (0,063 mm - 0,200 mm):	16,79
Sand, medium (0,2 mm - 0,6 mm):	70,40
Sand, coarse (0,6 mm - 2 mm):	9,42
Gravel (> 2 mm):	0,19
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,71	0,48
16%	84%	0,48	1,05
25%	75%	0,42	1,24
40%	60%	0,34	1,57
Median 50%	50%	0,30	1,72
75%	25%	0,22	2,20
84%	16%	0,19	2,43
90%	10%	0,16	2,69
95%	5%	0,13	2,98

Moments Statistics

Mean	1,73
Sorting	0,72
Skewness	0,02
Kurtosis	1,07
Uniformity Coefficient	2,17

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

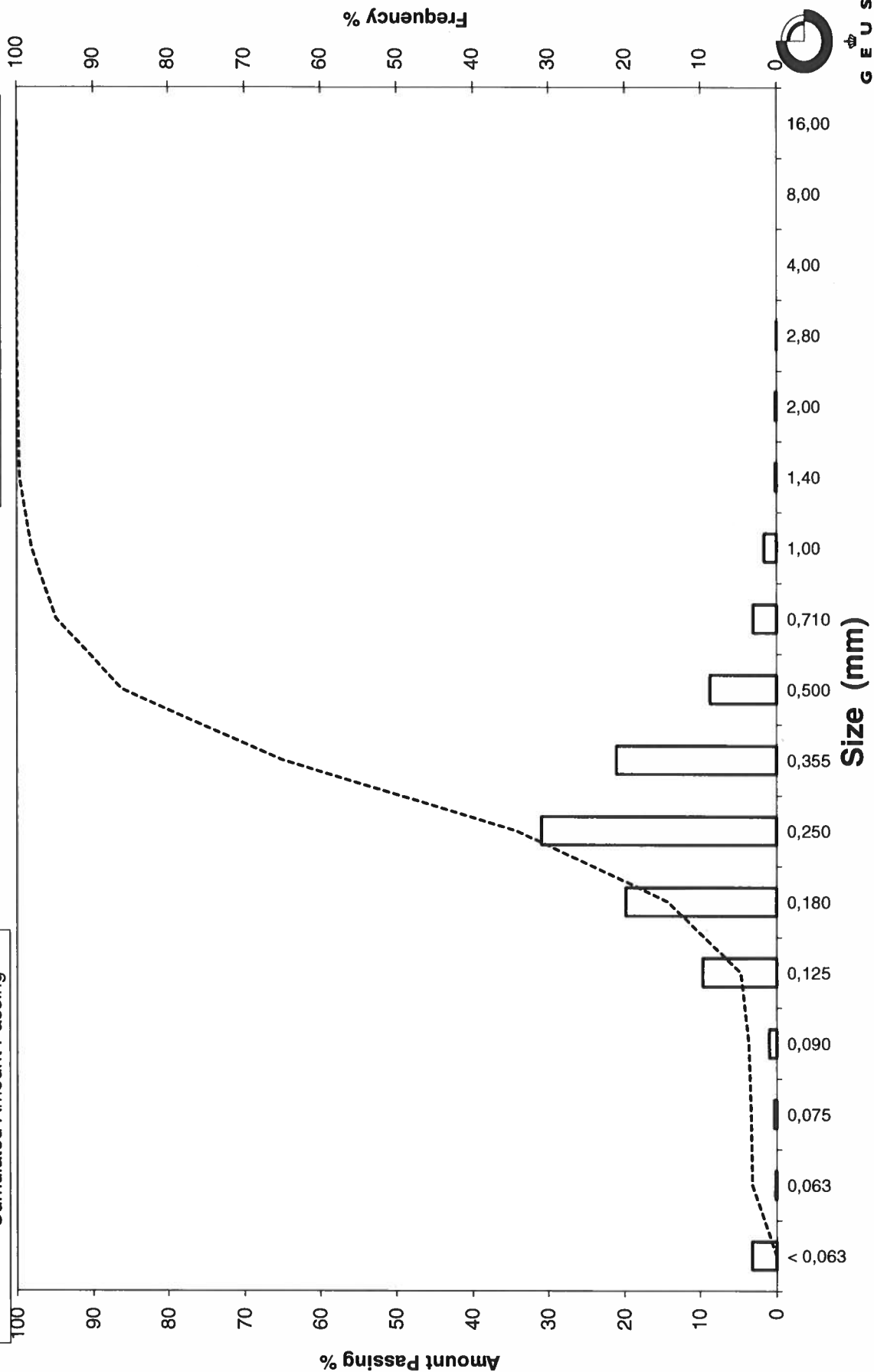
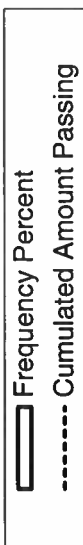
Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A3 250-300



Grain Size Distribution

Geotechnical

Sample Id: A3 400-450
Lab. Id: 220421
Projekt: Energistyrelsen
Subject: A3
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 95,03 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Sieve Analysis	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,00	0,00	100,00
	1,40	-0,49	0,07	0,07	99,93
	1,00	0,00	0,06	0,06	99,86
	0,710	0,49	0,16	0,17	99,69
	0,500	1,00	0,56	0,59	99,11
	0,355	1,49	1,97	2,07	97,03
	0,250	2,00	7,60	8,00	89,04
	0,180	2,47	18,89	19,88	69,16
	0,125	3,00	45,33	47,70	21,46
	0,090	3,47	14,52	15,28	6,18
	0,075	3,74	0,94	0,99	5,19
	0,063	3,99	0,65	0,68	4,50
	< 0,063	> 3,99	4,28	4,50	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	4,50
Sand, fine (0,063 mm - 0,200 mm):	70,33
Sand, medium (0,2 mm - 0,6 mm):	24,55
Sand, coarse (0,6 mm - 2 mm):	0,61
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,33	1,61
16%	84%	0,23	2,11
25%	75%	0,20	2,32
40%	60%	0,17	2,56
Median 50%	50%	0,16	2,66
75%	25%	0,13	2,95
84%	16%	0,11	3,15
90%	10%	0,10	3,34
95%	5%	0,07	3,80

Moments Statistics

Mean	2,64
Sorting	0,59
Skewness	-0,01
Kurtosis	1,41
Uniformity Coefficient	1,72

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

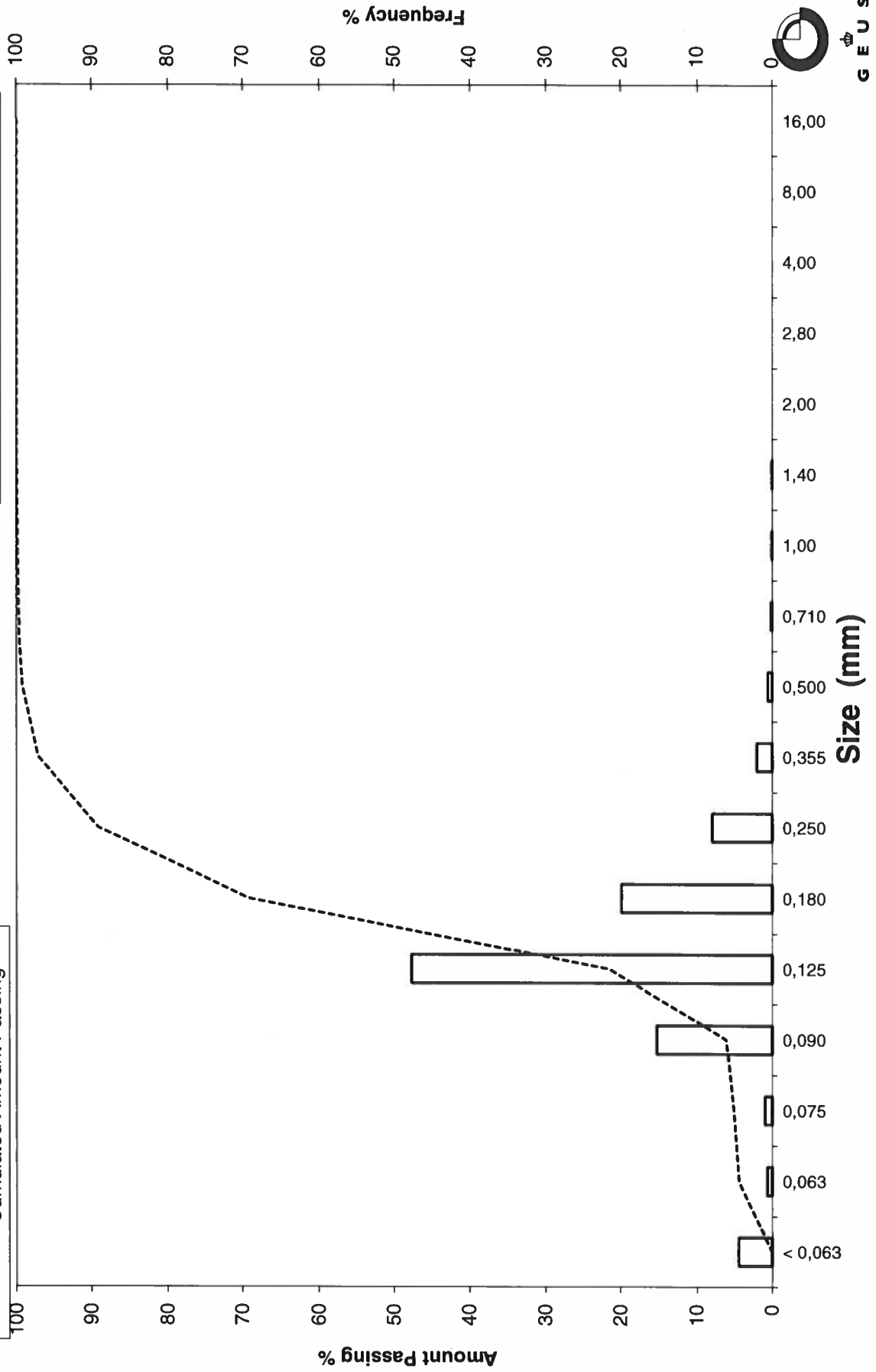
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A3 400-450

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A3 500-550
Lab. Id: 220422
Projekt: Energistyrrelsen
Subject: A3
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 88,57 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Sieve Analysis	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,00	0,00	100,00
	1,40	-0,49	0,00	0,00	100,00
	1,00	0,00	0,08	0,09	99,91
	0,710	0,49	0,12	0,14	99,77
	0,500	1,00	0,44	0,50	99,28
	0,355	1,49	1,58	1,78	97,49
	0,250	2,00	5,00	5,65	91,85
	0,180	2,47	22,04	24,88	66,96
	0,125	3,00	39,24	44,30	22,66
	0,090	3,47	15,11	17,06	5,60
	0,075	3,74	1,47	1,66	3,94
	0,063	3,99	0,23	0,26	3,68
	< 0,063	> 3,99	3,26	3,68	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	3,68
Sand, fine (0,063 mm - 0,200 mm):	70,39
Sand, medium (0,2 mm - 0,6 mm):	25,44
Sand, coarse (0,6 mm - 2 mm):	0,49
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,31	1,70
16%	84%	0,23	2,13
25%	75%	0,20	2,30
40%	60%	0,17	2,54
Median 50%	50%	0,16	2,65
75%	25%	0,13	2,97
84%	16%	0,11	3,17
90%	10%	0,10	3,34
95%	5%	0,08	3,56

Moments Statistics

Mean	2,65
Sorting	0,54
Skewness	-0,02
Kurtosis	1,15
Uniformity Coefficient	1,73

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

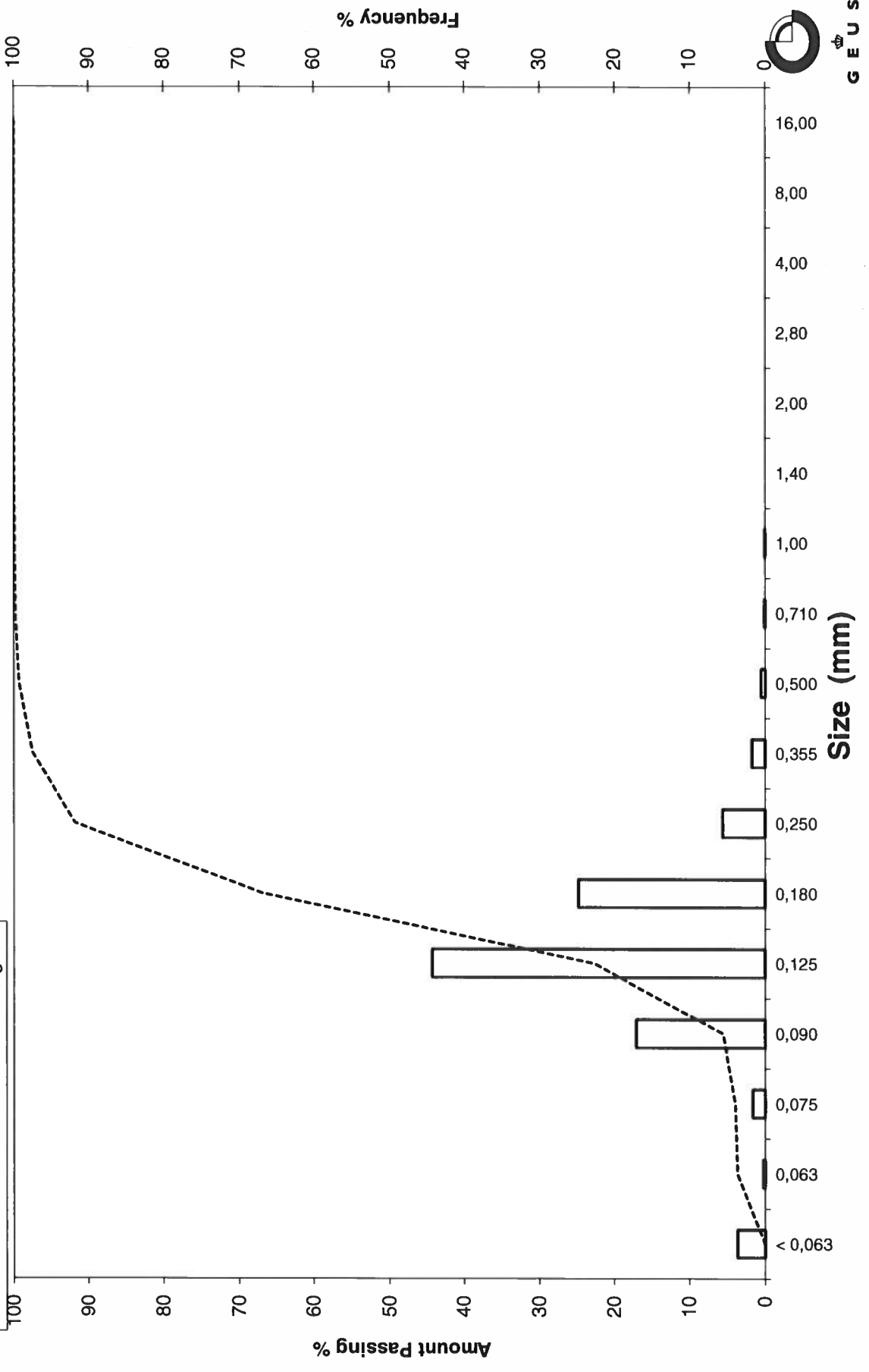
Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A3 500-550



Grain Size Distribution

Geotechnical

Sample Id: A4 0-80
Lab. Id: 220467
Projekt: Energistyrrelsen
Subject: A4
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 106,76 g

Size Fractions

Sieve Analysis					
	Gravel		Sand		
	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,07	0,07	99,93
	2,00	-1,00	0,08	0,07	99,86
	1,40	-0,49	0,21	0,20	99,66
	1,00	0,00	1,96	1,84	97,83
	0,710	0,49	5,93	5,55	92,27
	0,500	1,00	12,60	11,80	80,47
	0,355	1,49	24,03	22,51	57,96
	0,250	2,00	29,49	27,62	30,34
	0,180	2,47	21,20	19,86	10,48
	0,125	3,00	9,50	8,90	1,58
	0,090	3,47	0,73	0,68	0,90
	0,075	3,74	0,03	0,03	0,87
	0,063	3,99	0,05	0,05	0,82
	< 0,063	> 3,99	0,88	0,82	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,82
Sand, fine (0,063 mm - 0,200 mm):	15,33
Sand, medium (0,2 mm - 0,6 mm):	69,94
Sand, coarse (0,6 mm - 2 mm):	13,77
Gravel (> 2 mm):	0,14
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,85	0,23
16%	84%	0,56	0,83
25%	75%	0,46	1,11
40%	60%	0,37	1,44
Median 50%	50%	0,32	1,62
75%	25%	0,23	2,11
84%	16%	0,20	2,33
90%	10%	0,18	2,50
95%	5%	0,15	2,77

Moments Statistics

Mean	1,59
Sorting	0,76
Skewness	-0,08
Kurtosis	1,04
Uniformity Coefficient	2,08

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

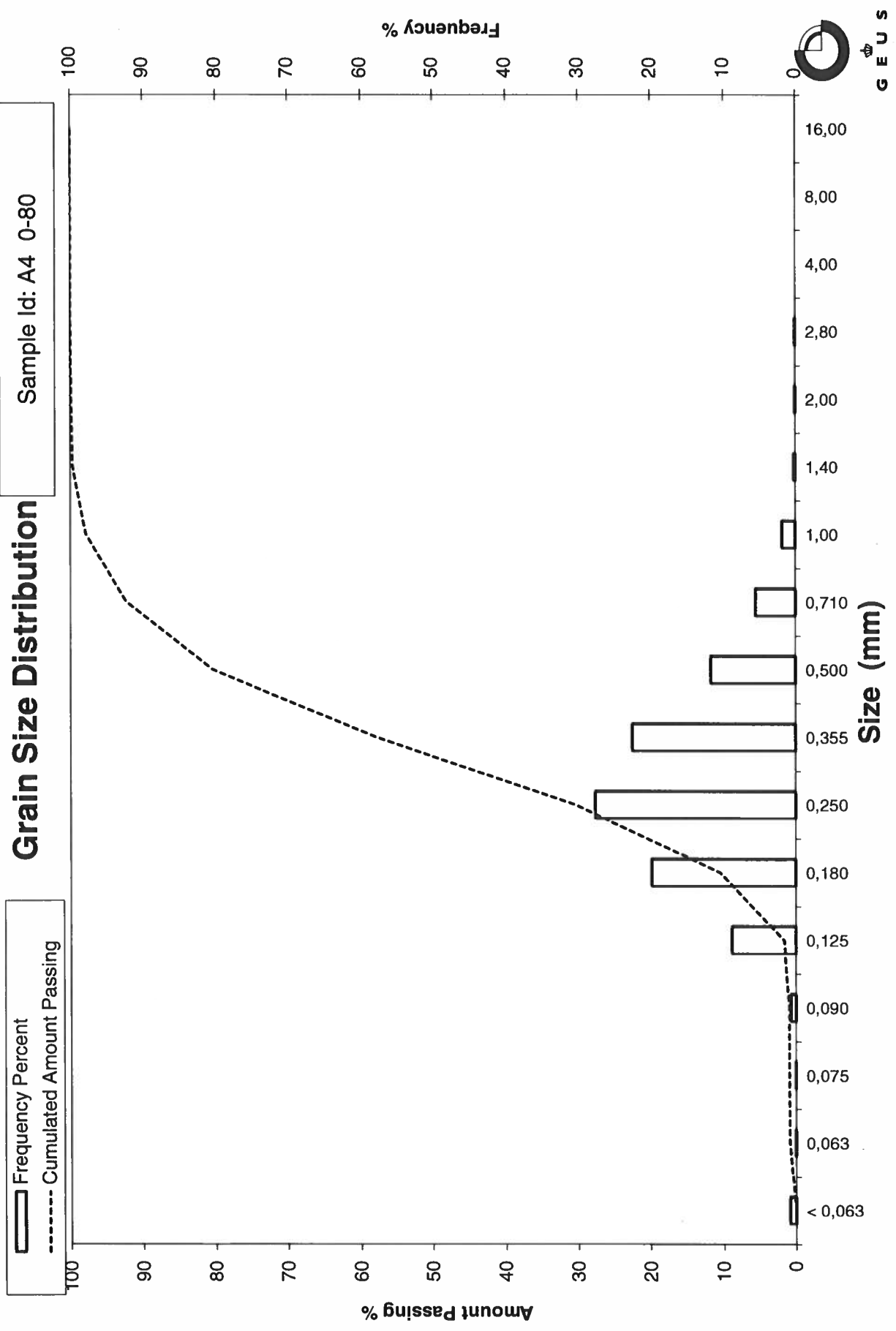
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: A4 130-180
Lab. Id: 220468
Projekt: Energistyrelsen
Subject: A4
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 94,88 g

Size Fractions

Sieve Analysis					
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,00	0,00	100,00
	1,40	-0,49	0,00	0,00	100,00
Sand	1,00	0,00	0,16	0,17	99,83
	0,710	0,49	0,53	0,56	99,27
	0,500	1,00	1,04	1,10	98,18
	0,355	1,49	2,98	3,14	95,04
	0,250	2,00	8,98	9,46	85,57
	0,180	2,47	19,26	20,30	65,27
	0,125	3,00	42,24	44,52	20,75
	0,090	3,47	12,99	13,69	7,06
	0,075	3,74	1,15	1,21	5,85
	0,063	3,99	1,27	1,34	4,51
	< 0.063	> 3.99	4.28	4.51	0.00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	4,51
Sand, fine (0,063 mm - 0,200 mm):	66,56
Sand, medium (0,2 mm - 0,6 mm):	27,63
Sand, coarse (0,6 mm - 2 mm):	1,30
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,35	1,50
16%	84%	0,24	2,03
25%	75%	0,21	2,23
40%	60%	0,17	2,53
Median 50%	50%	0,16	2,63
75%	25%	0,13	2,94
84%	16%	0,11	3,15
90%	10%	0,10	3,36
95%	5%	0,07	3,89

Moments Statistics

Mean	2,60
Sorting	0,64
Skewness	-0,01
Kurtosis	1,38
Uniformity Coefficient	1,78

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

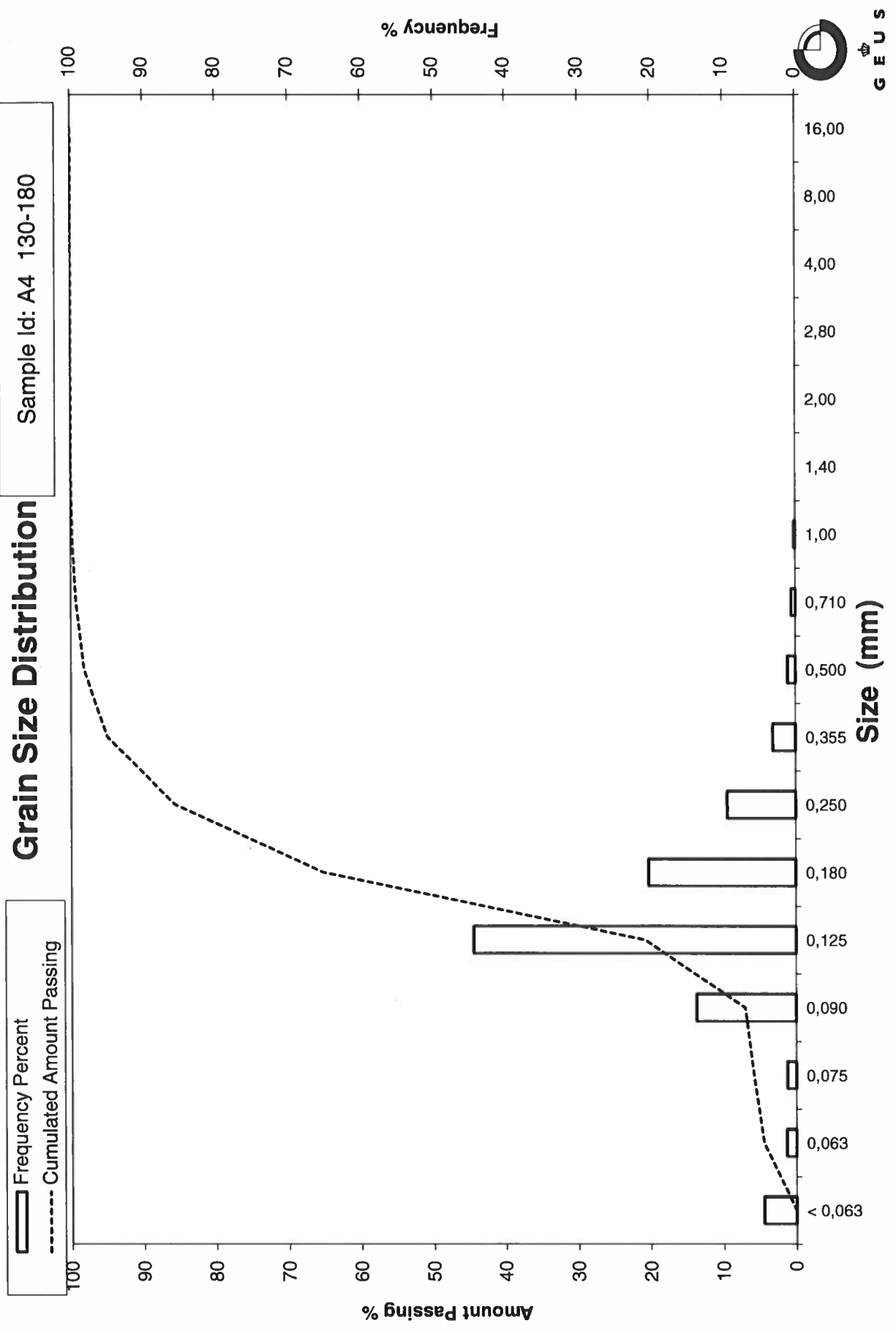
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: A5 0-40
Lab. Id: 220443
Projekt: Energistyrelsen
Subject: A5
Date: 13-06-2022
Executed: PS/CRL
Remarks: >4mm består af skaller



Total Weight 103,77 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	1,05	1,01	98,99
4,00	-2,00	0,05	0,05	98,94
2,80	-1,49	0,00	0,00	98,94
2,00	-1,00	0,10	0,10	98,84
1,40	-0,49	0,44	0,42	98,42
1,00	0,00	1,33	1,28	97,14
0,710	0,49	5,79	5,58	91,56
0,500	1,00	28,00	26,98	64,58
0,355	1,49	19,96	19,23	45,34
0,250	2,00	19,92	19,20	26,14
0,180	2,47	16,44	15,84	10,30
0,125	3,00	9,16	8,83	1,47
0,090	3,47	0,85	0,82	0,66
0,075	3,74	0,05	0,05	0,61
0,063	3,99	0,04	0,04	0,57
< 0,063	> 3,99	0,59	0,57	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,57
Sand, fine (0,063 mm - 0,200 mm):	14,26
Sand, medium (0,2 mm - 0,6 mm):	62,60
Sand, coarse (0,6 mm - 2 mm):	21,42
Gravel (> 2 mm):	1,16
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,89	0,17
16%	84%	0,65	0,62
25%	75%	0,58	0,78
40%	60%	0,47	1,10
Median 50%	50%	0,39	1,36
75%	25%	0,24	2,03
84%	16%	0,21	2,29
90%	10%	0,18	2,49
95%	5%	0,15	2,77

Moments Statistics

Mean	1,42
Sorting	0,81
Skewness	0,10
Kurtosis	0,85
Uniformity Coefficient	2,61

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

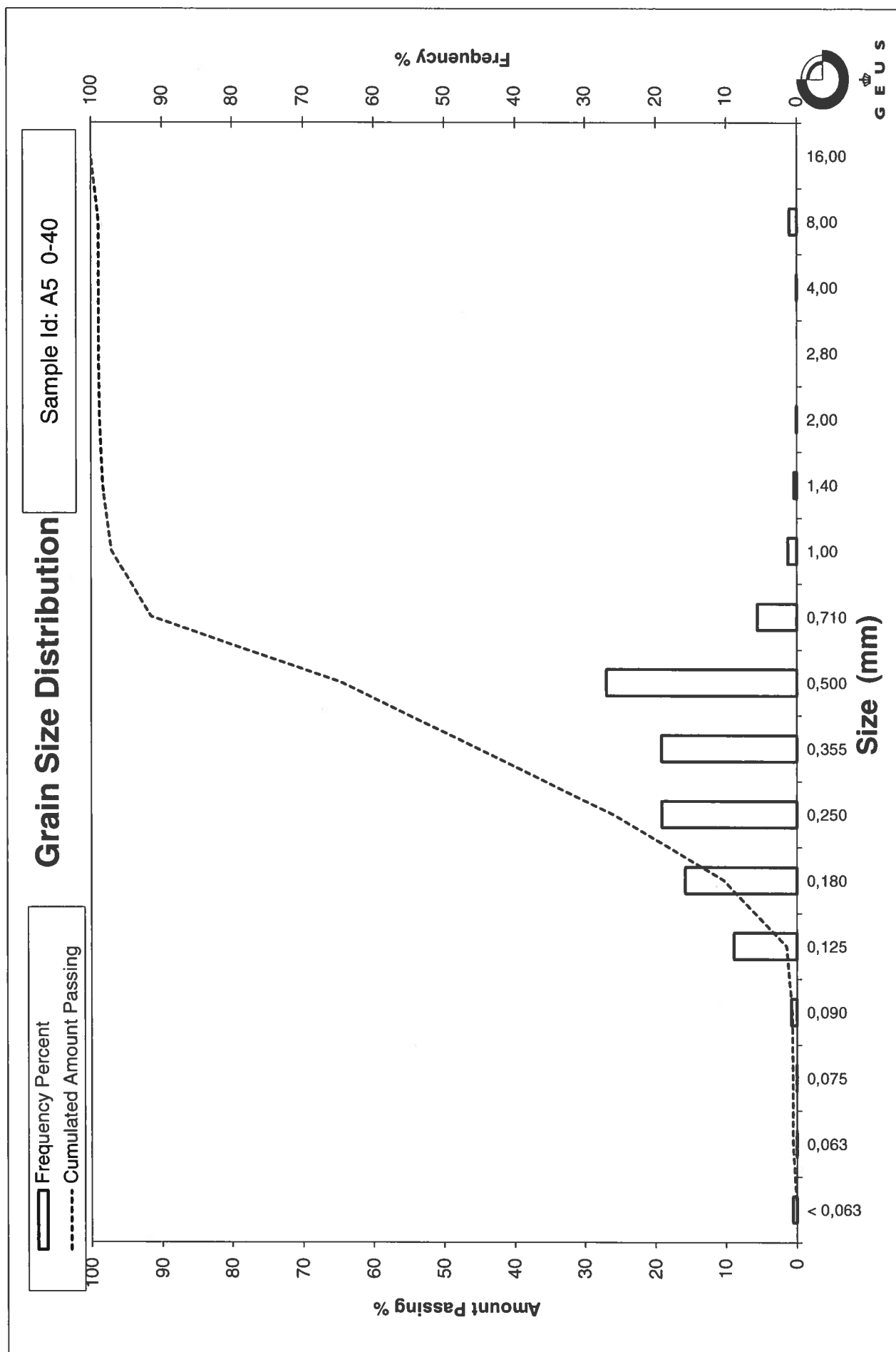
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: A5 50-100
Lab. Id: 220444
Projekt: Energistyrrelsen
Subject: A5
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 105,08 g

Size Fractions

Sieve Analysis

Gravel

Sand

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,05	0,05	99,95
1,40	-0,49	0,06	0,06	99,90
1,00	0,00	0,43	0,41	99,49
0,710	0,49	3,15	3,00	96,49
0,500	1,00	10,96	10,43	86,06
0,355	1,49	11,91	11,33	74,72
0,250	2,00	14,38	13,68	61,04
0,180	2,47	39,12	37,23	23,81
0,125	3,00	21,86	20,80	3,01
0,090	3,47	1,75	1,67	1,34
0,075	3,74	0,10	0,10	1,25
0,063	3,99	0,24	0,23	1,02
< 0,063	> 3,99	1,07	1,02	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,02
Sand, fine (0,063 mm - 0,200 mm):	33,43
Sand, medium (0,2 mm - 0,6 mm):	56,58
Sand, coarse (0,6 mm - 2 mm):	8,93
Gravel (> 2 mm):	0,05
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,68	0,56
16%	84%	0,47	1,08
25%	75%	0,36	1,48
40%	60%	0,25	2,01
Median 50%	50%	0,23	2,13
75%	25%	0,18	2,46
84%	16%	0,16	2,65
90%	10%	0,14	2,80
95%	5%	0,13	2,94

Moments Statistics

Mean	1,95
Sorting	0,75
Skewness	-0,32
Kurtosis	1,00
Uniformity Coefficient	1,73

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgi-Bulletin 1988)

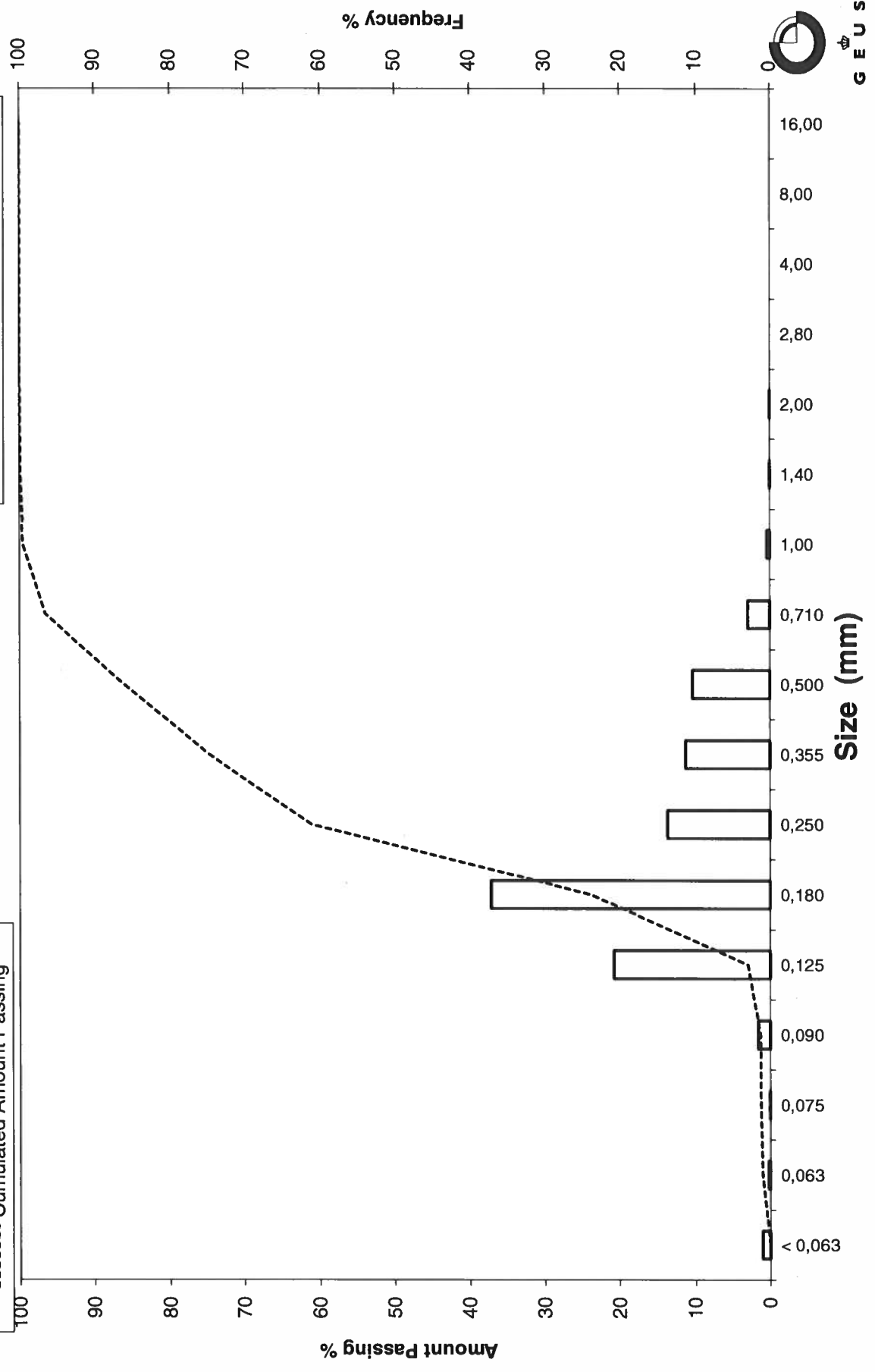
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A5 50-100

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A5 100-150
Lab. Id: 220445
Projekt: Energistyrrelsen
Subject: A5
Date: 13-06-2022
Executed: PS/CRL
Remarks: >2,8mm heraf 0,5g skaller



Total Weight 104,57 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,44	0,42	99,58
2,80	-1,49	0,14	0,13	99,45
2,00	-1,00	0,37	0,35	99,09
1,40	-0,49	0,63	0,60	98,49
1,00	0,00	2,43	2,32	96,17
0,710	0,49	7,54	7,21	88,95
0,500	1,00	12,96	12,39	76,56
0,355	1,49	14,76	14,11	62,45
0,250	2,00	23,05	22,04	40,40
0,180	2,47	27,85	26,63	13,77
0,125	3,00	12,65	12,10	1,67
0,090	3,47	0,86	0,82	0,85
0,075	3,74	0,09	0,09	0,77
0,063	3,99	0,09	0,09	0,68
< 0,063	> 3,99	0,71	0,68	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,68
Sand, fine (0,063 mm - 0,200 mm):	20,70
Sand, medium (0,2 mm - 0,6 mm):	61,08
Sand, coarse (0,6 mm - 2 mm):	16,63
Gravel (> 2 mm):	0,91
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,95	0,07
16%	84%	0,63	0,68
25%	75%	0,48	1,05
40%	60%	0,34	1,54
Median 50%	50%	0,30	1,76
75%	25%	0,21	2,25
84%	16%	0,19	2,43
90%	10%	0,16	2,62
95%	5%	0,14	2,84

Moments Statistics

Mean	1,62
Sorting	0,86
Skewness	-0,23
Kurtosis	0,94
Uniformity Coefficient	2,11

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

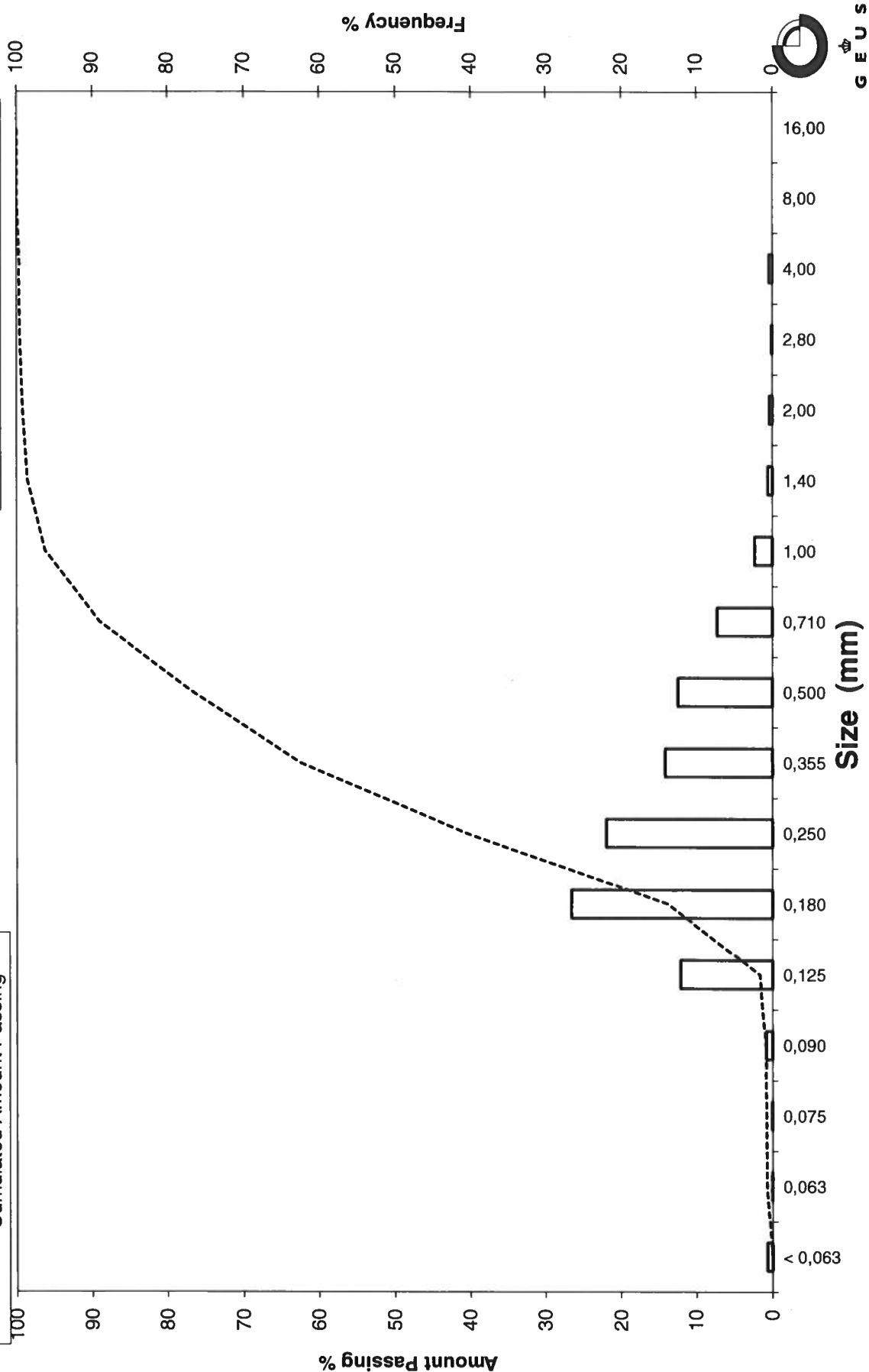
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A5 100-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A5 150-200
Lab. Id: 220469
Projekt: Energistyrelsen
Subject: A5
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 99,42 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,06	0,06	99,94
	1,40	-0,49	0,21	0,21	99,73
	1,00	0,00	0,94	0,95	98,78
	0,710	0,49	3,27	3,29	95,49
	0,500	1,00	9,93	9,99	85,51
	0,355	1,49	17,26	17,36	68,15
Sand	0,250	2,00	22,78	22,91	45,23
	0,180	2,47	35,00	35,20	10,03
	0,125	3,00	7,66	7,70	2,32
	0,090	3,47	0,87	0,88	1,45
	0,075	3,74	0,05	0,05	1,40
	0,063	3,99	0,10	0,10	1,30
	< 0,063	> 3,99	1,29	1,30	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,30
Sand, fine (0,063 mm - 0,200 mm):	18,79
Sand, medium (0,2 mm - 0,6 mm):	70,18
Sand, coarse (0,6 mm - 2 mm):	9,68
Gravel (> 2 mm):	0,06
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,70	0,52
16%	84%	0,49	1,04
25%	75%	0,41	1,28
40%	60%	0,32	1,65
Median 50%	50%	0,27	1,88
75%	25%	0,21	2,25
84%	16%	0,19	2,38
90%	10%	0,18	2,48
95%	5%	0,14	2,79

Moments Statistics

Mean	1,77
Sorting	0,68
Skewness	-0,22
Kurtosis	0,96
Uniformity Coefficient	1,77

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

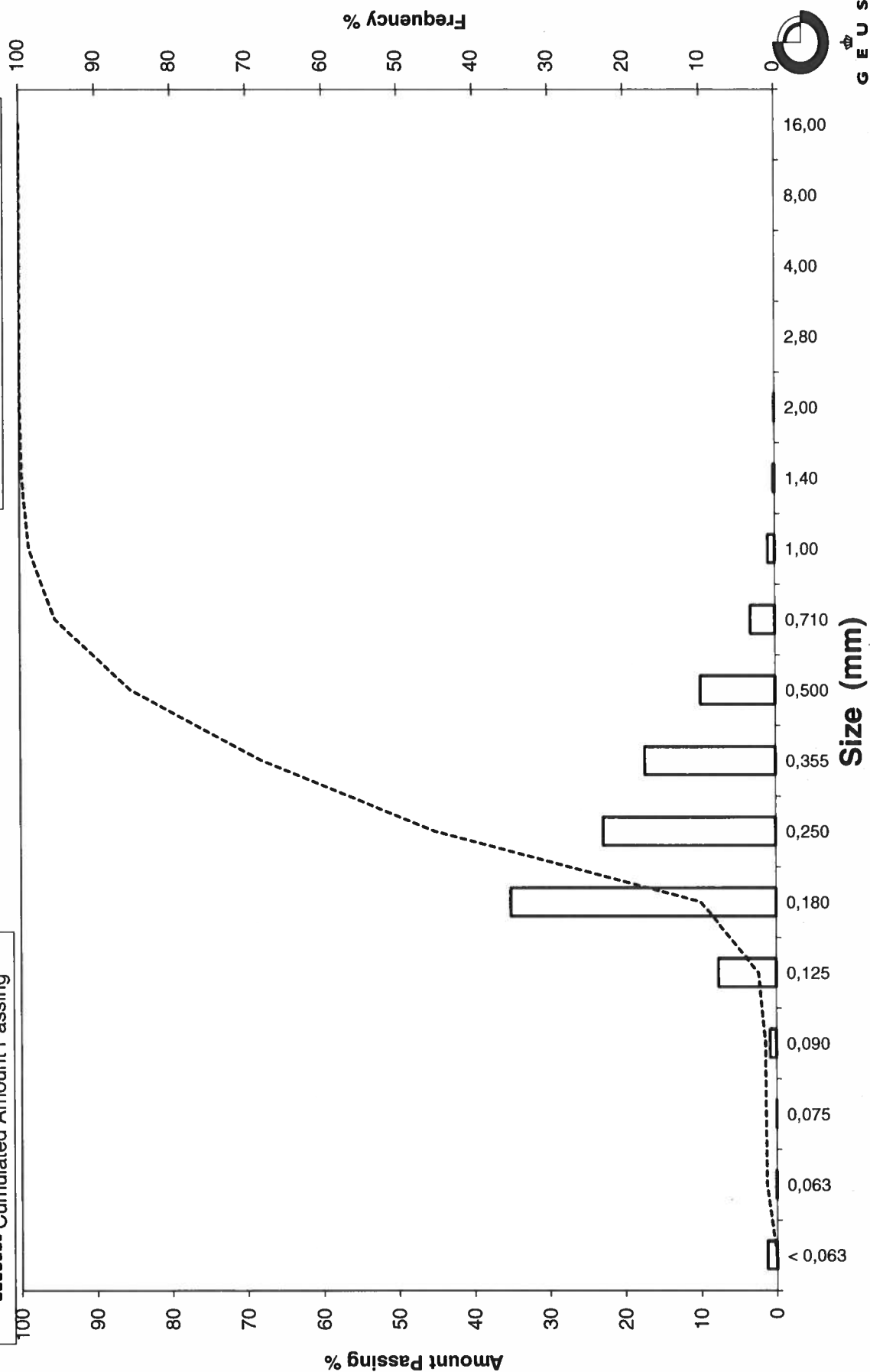
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A5 150-200

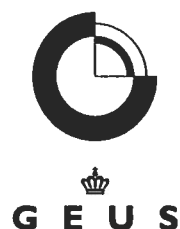
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A5 200-250
Lab. Id: 220470
Projekt: Energistyrelsen
Subject: A5
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 102,19 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,05	0,05	99,95
1,00	0,00	0,21	0,21	99,75
0,710	0,49	0,92	0,90	98,85
0,500	1,00	4,05	3,96	94,88
0,355	1,49	12,68	12,41	82,47
0,250	2,00	28,55	27,94	54,54
0,180	2,47	37,92	37,11	17,43
0,125	3,00	15,19	14,86	2,56
0,090	3,47	1,16	1,14	1,43
0,075	3,74	0,12	0,12	1,31
0,063	3,99	0,14	0,14	1,17
< 0,063	> 3,99	1,20	1,17	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,17
Sand, fine (0,063 mm - 0,200 mm):	26,86
Sand, medium (0,2 mm - 0,6 mm):	68,74
Sand, coarse (0,6 mm - 2 mm):	3,23
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,51	0,98
16%	84%	0,37	1,42
25%	75%	0,33	1,61
40%	60%	0,27	1,89
Median 50%	50%	0,24	2,05
75%	25%	0,19	2,36
84%	16%	0,17	2,52
90%	10%	0,15	2,71
95%	5%	0,13	2,90

Moments Statistics

Mean	2,00
Sorting	0,56
Skewness	-0,13
Kurtosis	1,05
Uniformity Coefficient	1,77

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

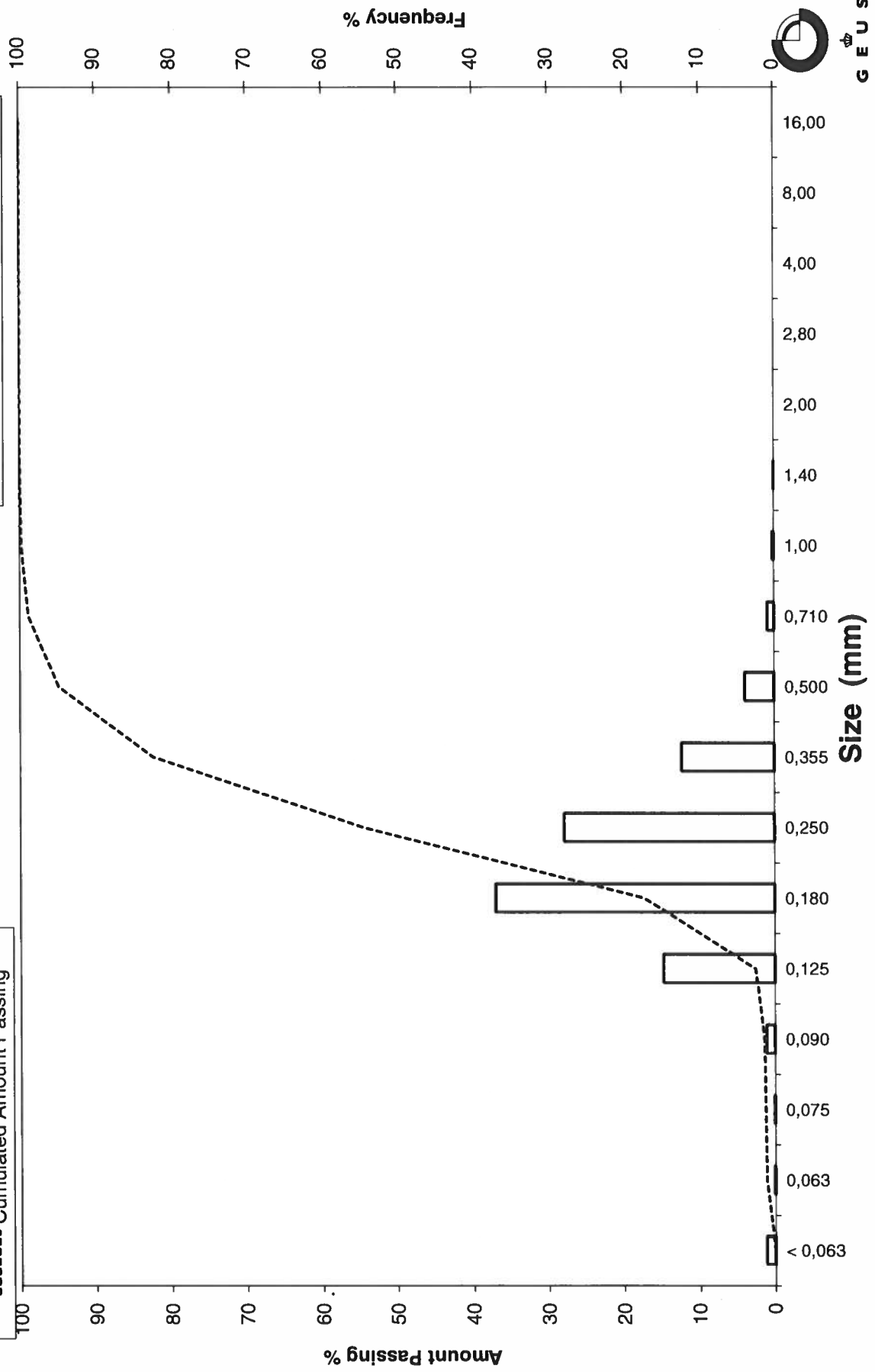
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A5 200-250

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A7 0-50
Lab. Id: 220423
Projekt: Energistyrelsen
Subject: A7
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 105,09 g

Size Fractions

Sieve Analysis						
		Size	Size	Weight	Weight	Cumulated amount passing
		mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00	
	8,00	-3,00	0,00	0,00	100,00	
	4,00	-2,00	0,00	0,00	100,00	
	2,80	-1,49	0,23	0,22	99,78	
	2,00	-1,00	0,19	0,18	99,60	
	1,40	-0,49	0,60	0,57	99,03	
	1,00	0,00	6,03	5,74	93,29	
	0,710	0,49	27,80	26,45	66,84	
	0,500	1,00	21,49	20,45	46,39	
	0,355	1,49	27,00	25,69	20,70	
	0,250	2,00	14,78	14,06	6,63	
	0,180	2,47	4,85	4,62	2,02	
	0,125	3,00	1,02	0,97	1,05	
	0,090	3,47	0,08	0,08	0,97	
	0,075	3,74	0,00	0,00	0,97	
	0,063	3,99	0,00	0,00	0,97	
	< 0,063	> 3,99	1,02	0,97	0,00	
		Sand				

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,97
Sand, fine (0,063 mm - 0,200 mm):	2,37
Sand, medium (0,2 mm - 0,6 mm):	52,79
Sand, coarse (0,6 mm - 2 mm):	43,47
Gravel (> 2 mm):	0,40
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,12	-0,16
16%	84%	0,90	0,15
25%	75%	0,80	0,32
40%	60%	0,64	0,64
Median 50%	50%	0,54	0,90
75%	25%	0,38	1,40
84%	16%	0,32	1,64
90%	10%	0,28	1,86
95%	5%	0,23	2,15

Moments Statistics

Mean	0,90
Sorting	0,72
Skewness	0,04
Kurtosis	0,88
Uniformity Coefficient	2,33

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

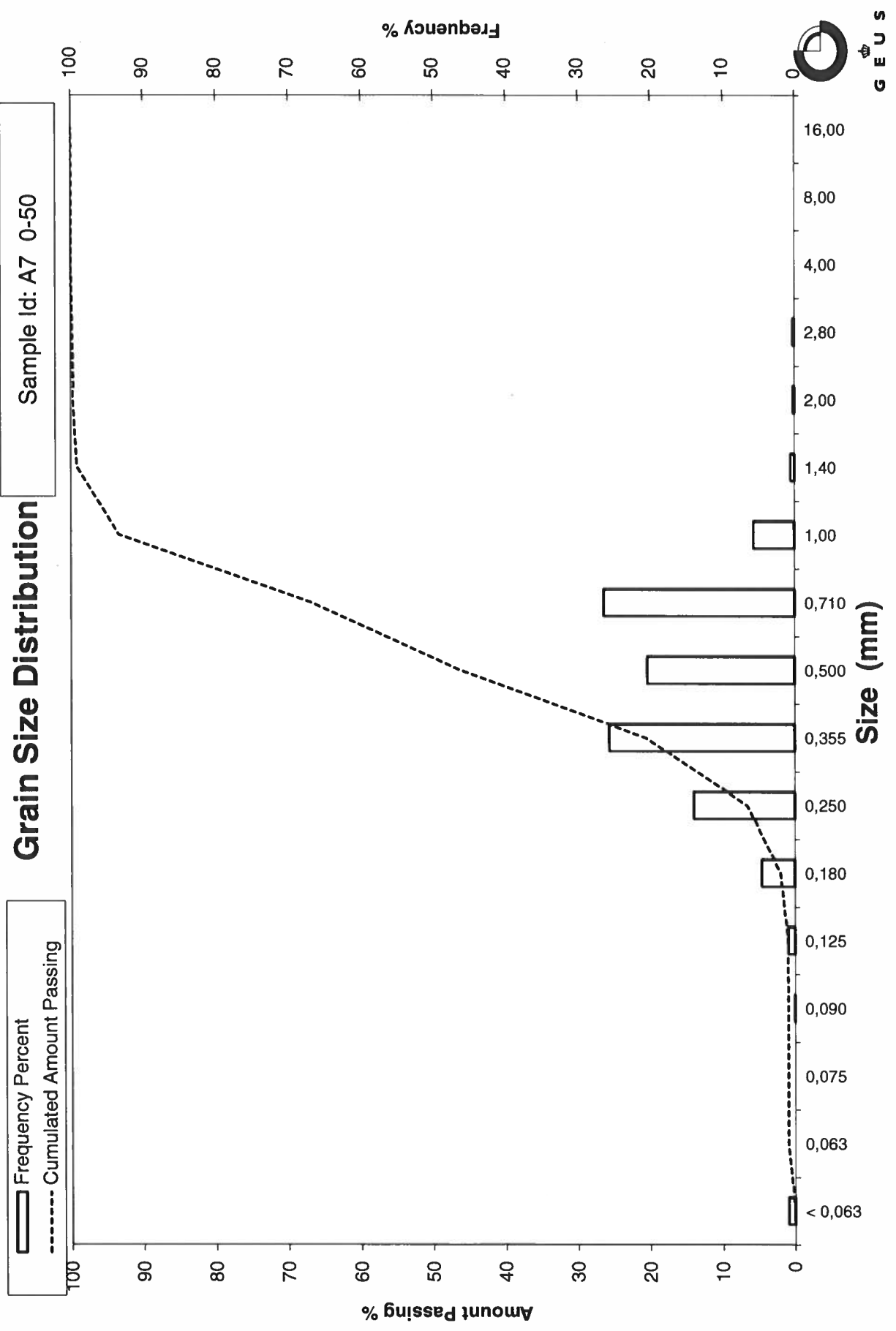
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

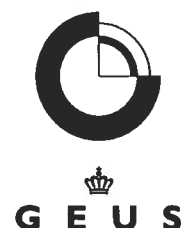
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Grain Size Distribution

Geotechnical

Sample Id: A7 50-100
Lab. Id: 220424
Projekt: Energistyrelsen
Subject: A7
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 117,37 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,28	0,24	99,76
2,80	-1,49	0,33	0,28	99,48
2,00	-1,00	0,36	0,31	99,17
1,40	-0,49	1,15	0,98	98,19
1,00	0,00	4,12	3,51	94,68
0,710	0,49	13,11	11,17	83,51
0,500	1,00	17,98	15,32	68,19
0,355	1,49	26,55	22,62	45,57
0,250	2,00	31,38	26,74	18,84
0,180	2,47	16,97	14,46	4,38
0,125	3,00	4,18	3,56	0,82
0,090	3,47	0,20	0,17	0,65
0,075	3,74	0,00	0,00	0,65
0,063	3,99	0,00	0,00	0,65
< 0,063	> 3,99	0,76	0,65	0,00

Gravel

Sand

Sieve Analysis

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,65
Sand, fine (0,063 mm - 0,200 mm):	7,86
Sand, medium (0,2 mm - 0,6 mm):	66,98
Sand, coarse (0,6 mm - 2 mm):	23,68
Gravel (> 2 mm):	0,83
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,04	-0,05
16%	84%	0,72	0,47
25%	75%	0,59	0,75
40%	60%	0,45	1,16
Median 50%	50%	0,38	1,38
75%	25%	0,27	1,87
84%	16%	0,24	2,08
90%	10%	0,21	2,27
95%	5%	0,18	2,45

Moments Statistics

Mean	1,31
Sorting	0,78
Skewness	-0,14
Kurtosis	0,92
Uniformity Coefficient	2,16

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

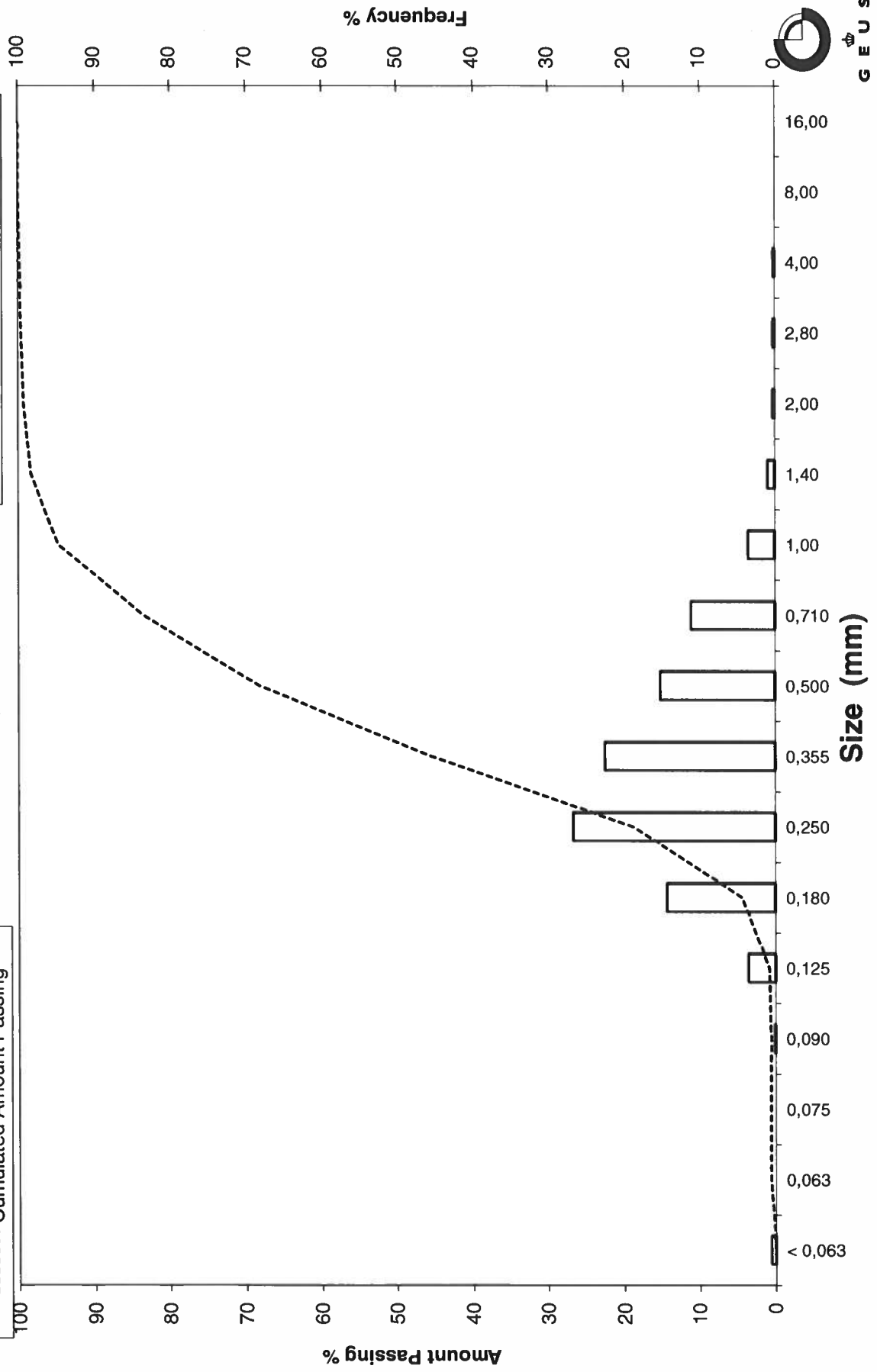
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A7 50-100

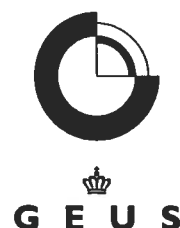
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A7 100-150
Lab. Id: 220425
Projekt: Energistyrelsen
Subject: A7
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 117,57 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,15	0,13	99,87
2,80	-1,49	0,17	0,14	99,73
2,00	-1,00	0,17	0,14	99,58
1,40	-0,49	0,55	0,47	99,12
1,00	0,00	3,29	2,80	96,32
0,710	0,49	9,82	8,35	87,96
0,500	1,00	22,82	19,41	68,55
0,355	1,49	32,91	27,99	40,56
0,250	2,00	27,57	23,45	17,11
0,180	2,47	14,38	12,23	4,88
0,125	3,00	4,06	3,45	1,43
0,090	3,47	0,26	0,22	1,21
0,075	3,74	0,09	0,08	1,13
0,063	3,99	0,00	0,00	1,13
< 0,063	> 3,99	1,33	1,13	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,13
Sand, fine (0,063 mm - 0,200 mm):	7,25
Sand, medium (0,2 mm - 0,6 mm):	69,42
Sand, coarse (0,6 mm - 2 mm):	21,79
Gravel (> 2 mm):	0,42
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,95	0,07
16%	84%	0,67	0,58
25%	75%	0,57	0,81
40%	60%	0,46	1,13
Median 50%	50%	0,40	1,31
75%	25%	0,29	1,81
84%	16%	0,24	2,04
90%	10%	0,21	2,26
95%	5%	0,18	2,47

Moments Statistics

Mean	1,31
Sorting	0,73
Skewness	-0,01
Kurtosis	0,99
Uniformity Coefficient	2,18

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

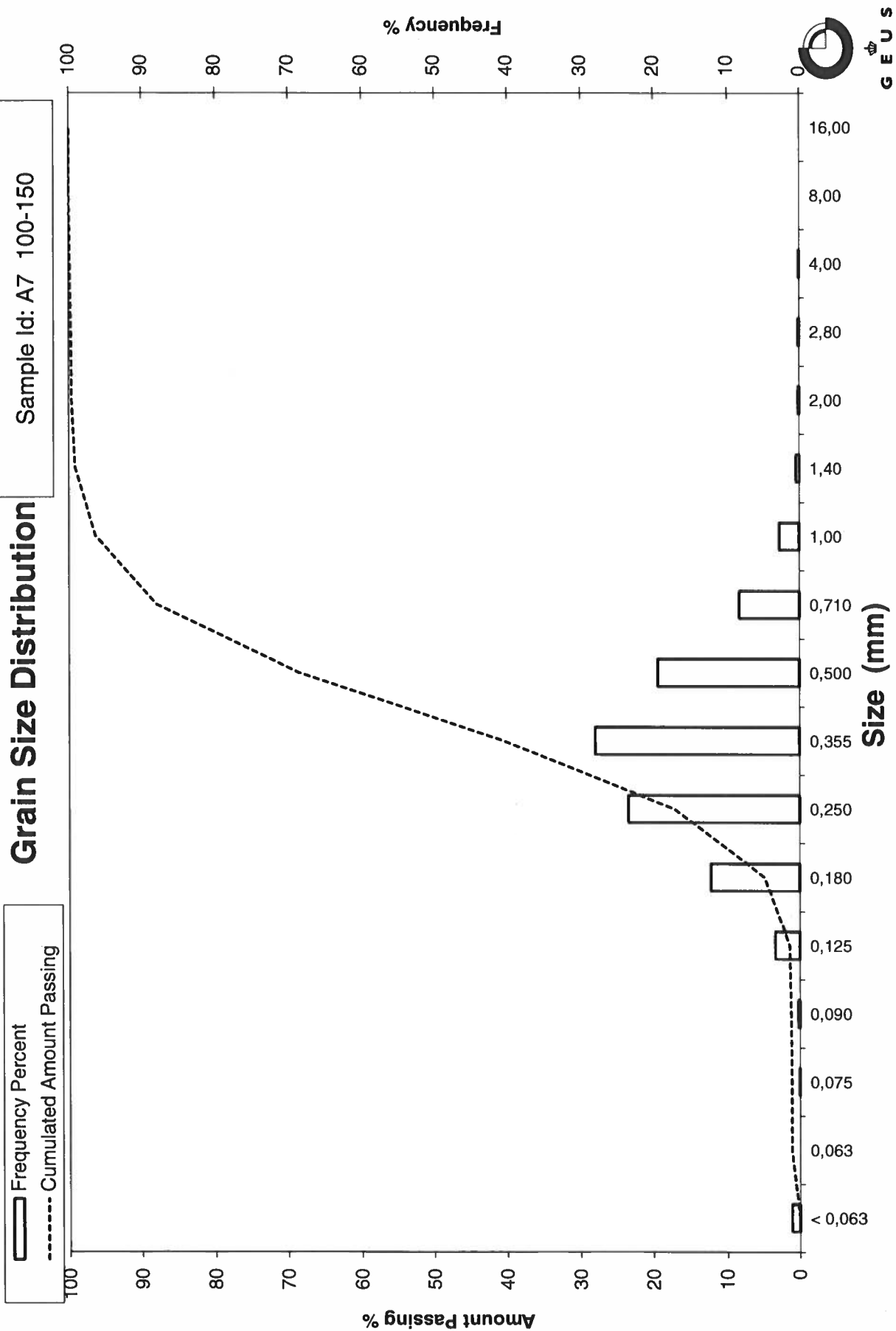
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: A7 150-200
Lab. Id: 220426
Projekt: Energistyrrelsen
Subject: A7
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 130,5 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,10	0,08	99,92
1,40	-0,49	0,72	0,55	99,37
1,00	0,00	2,89	2,21	97,16
0,710	0,49	8,40	6,44	90,72
0,500	1,00	24,44	18,73	71,99
0,355	1,49	37,20	28,51	43,49
0,250	2,00	29,20	22,38	21,11
0,180	2,47	21,50	16,48	4,64
0,125	3,00	3,96	3,03	1,60
0,090	3,47	0,38	0,29	1,31
0,075	3,74	0,11	0,08	1,23
0,063	3,99	0,00	0,00	1,23
< 0,063	> 3,99	1,60	1,23	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,23
Sand, fine (0,063 mm - 0,200 mm):	8,12
Sand, medium (0,2 mm - 0,6 mm):	71,57
Sand, coarse (0,6 mm - 2 mm):	19,01
Gravel (> 2 mm):	0,08
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,90	0,15
16%	84%	0,63	0,66
25%	75%	0,53	0,91
40%	60%	0,44	1,19
Median 50%	50%	0,39	1,37
75%	25%	0,27	1,90
84%	16%	0,23	2,13
90%	10%	0,20	2,30
95%	5%	0,18	2,46

Moments Statistics

Mean	1,38
Sorting	0,72
Skewness	-0,01
Kurtosis	0,96
Uniformity Coefficient	2,16

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

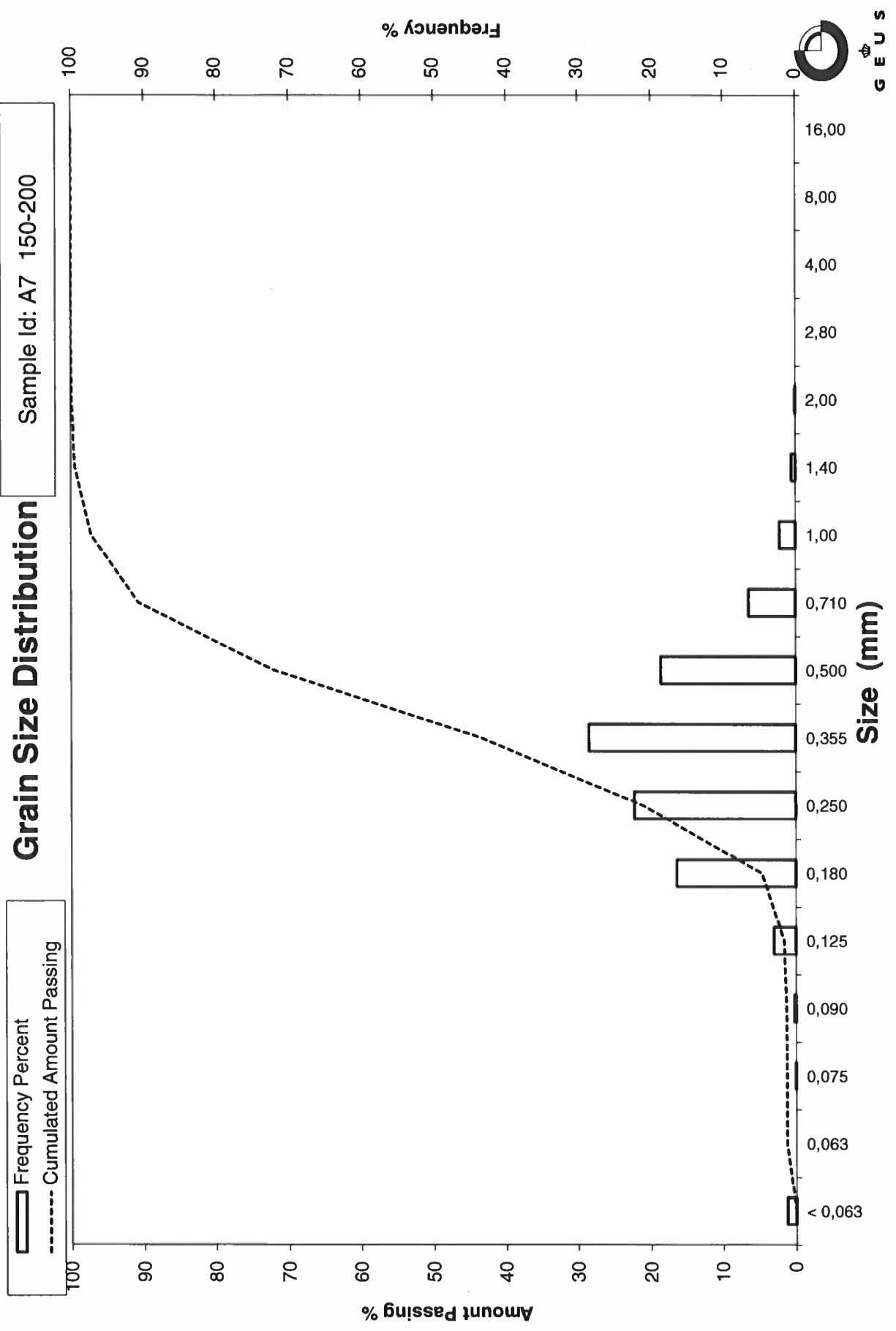
Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient (d60% / d10%) (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: A7 300-350
Lab. Id: 220427
Projekt: Energistyrelsen
Subject: A7
Date: 13-06-2022
Executed: PS/CRL
Remarks: >2mm består af skaller



Total Weight 109,68 g

Size Fractions

Sieve Analysis					
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,07	0,06	99,94
	1,40	-0,49	0,17	0,15	99,78
Sand	1,00	0,00	0,79	0,72	99,06
	0,710	0,49	3,36	3,06	96,00
	0,500	1,00	16,36	14,92	81,08
	0,355	1,49	27,05	24,66	56,42
	0,250	2,00	32,30	29,45	26,97
	0,180	2,47	20,56	18,75	8,22
	0,125	3,00	7,28	6,64	1,59
	0,090	3,47	0,50	0,46	1,13
	0,075	3,74	0,03	0,03	1,10
	0,063	3,99	0,03	0,03	1,08
	< 0.063	> 3.99	1.18	1.08	0.00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,08
Sand, fine (0,063 mm - 0,200 mm):	12,50
Sand, medium (0,2 mm - 0,6 mm):	74,60
Sand, coarse (0,6 mm - 2 mm):	11,75
Gravel (> 2 mm):	0,06
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,70	0,52
16%	84%	0,54	0,89
25%	75%	0,46	1,11
40%	60%	0,38	1,41
Median 50%	50%	0,33	1,59
75%	25%	0,24	2,04
84%	16%	0,21	2,26
90%	10%	0,19	2,42
95%	5%	0,15	2,71

Moments Statistics

Mean	1,58
Sorting	0,67
Skewness	0,00
Kurtosis	0,96
Uniformity Coefficient	2,01

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

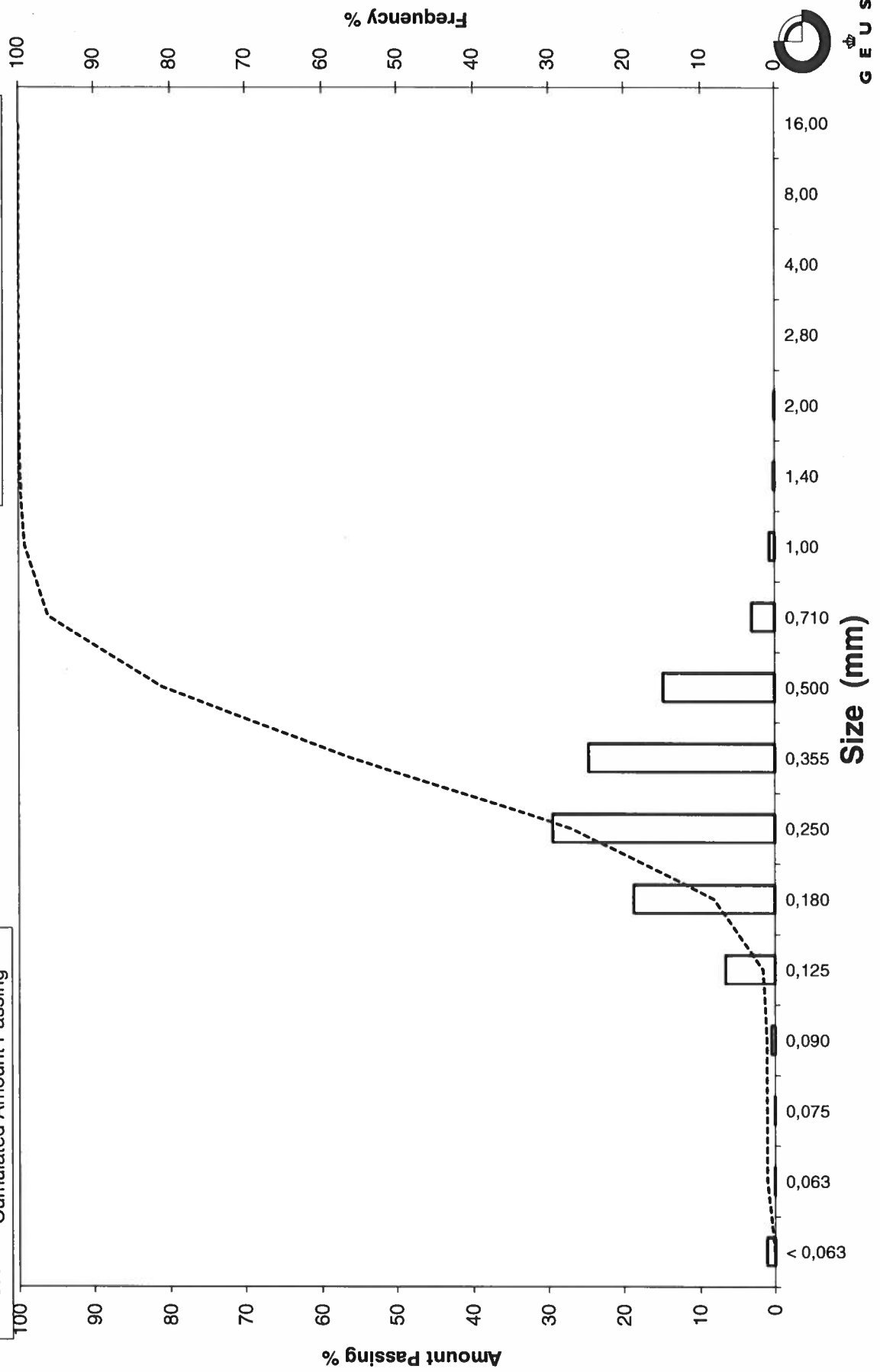
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A7 300-350

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A7 400-450
Lab. Id: 220428
Projekt: Energistyrelsen
Subject: A7
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 102,23 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,03	0,03	99,97
1,00	0,00	0,23	0,22	99,75
0,710	0,49	1,68	1,64	98,10
0,500	1,00	10,02	9,80	88,30
0,355	1,49	25,12	24,57	63,73
0,250	2,00	29,73	29,08	34,65
0,180	2,47	24,83	24,29	10,36
0,125	3,00	8,88	8,69	1,67
0,090	3,47	0,77	0,75	0,92
0,075	3,74	0,05	0,05	0,87
0,063	3,99	0,09	0,09	0,78
< 0,063	> 3,99	0,80	0,78	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,78
Sand, fine (0,063 mm - 0,200 mm):	16,52
Sand, medium (0,2 mm - 0,6 mm):	75,67
Sand, coarse (0,6 mm - 2 mm):	7,03
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,64	0,64
16%	84%	0,47	1,08
25%	75%	0,42	1,25
40%	60%	0,34	1,55
Median 50%	50%	0,31	1,71
75%	25%	0,22	2,17
84%	16%	0,20	2,35
90%	10%	0,18	2,49
95%	5%	0,15	2,78

Moments Statistics

Mean	1,71
Sorting	0,64
Skewness	0,00
Kurtosis	0,95
Uniformity Coefficient	1,92

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

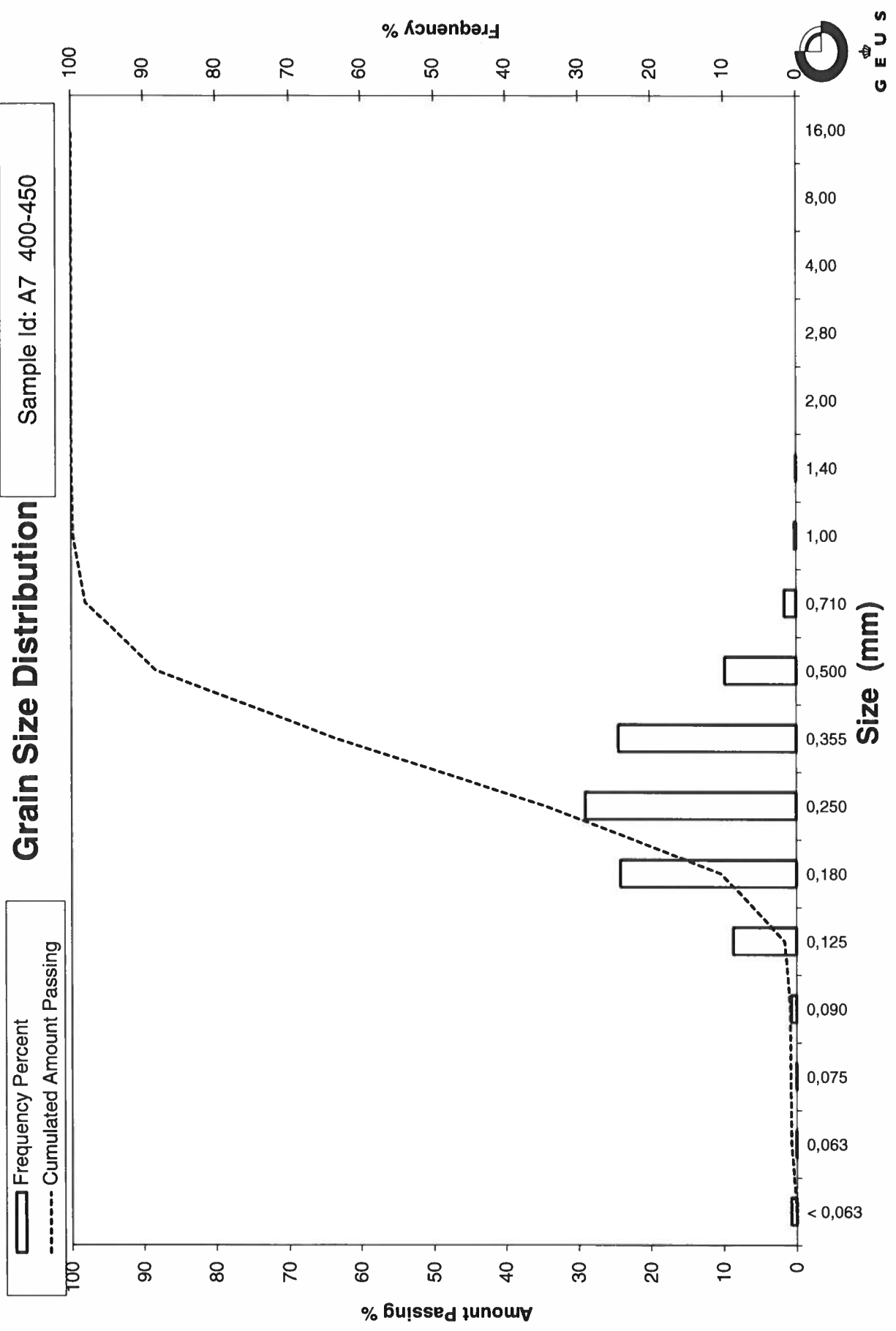
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: A8 0-37
Lab. Id: 220446
Projekt: Energistyrelsen
Subject: A8
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 100,46 g

Size Fractions

Sieve Analysis					
Sieve Analysis	Gravel				
	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,24	0,24	99,76
	2,00	-1,00	0,16	0,16	99,60
	1,40	-0,49	0,61	0,61	98,99
	1,00	0,00	1,89	1,88	97,11
	0,710	0,49	5,01	4,99	92,13
	0,500	1,00	15,62	15,55	76,58
	0,355	1,49	27,59	27,46	49,11
	0,250	2,00	29,56	29,42	19,69
	0,180	2,47	14,80	14,73	4,96
	0,125	3,00	3,76	3,74	1,21
	0,090	3,47	0,35	0,35	0,87
	0,075	3,74	0,00	0,00	0,87
	0,063	3,99	0,00	0,00	0,87
< 0,063	> 3,99	0,87	0,87	0,00	

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,87
Sand, fine (0,063 mm - 0,200 mm):	8,30
Sand, medium (0,2 mm - 0,6 mm):	74,82
Sand, coarse (0,6 mm - 2 mm):	15,62
Gravel (> 2 mm):	0,40
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,88	0,19
16%	84%	0,60	0,74
25%	75%	0,49	1,02
40%	60%	0,41	1,28
Median 50%	50%	0,36	1,48
75%	25%	0,27	1,89
84%	16%	0,23	2,10
90%	10%	0,20	2,29
95%	5%	0,18	2,47

Moments Statistics

Mean	1,44
Sorting	0,69
Skewness	-0,10
Kurtosis	1,08
Uniformity Coefficient	2,02

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgt-Bulletin 1988)

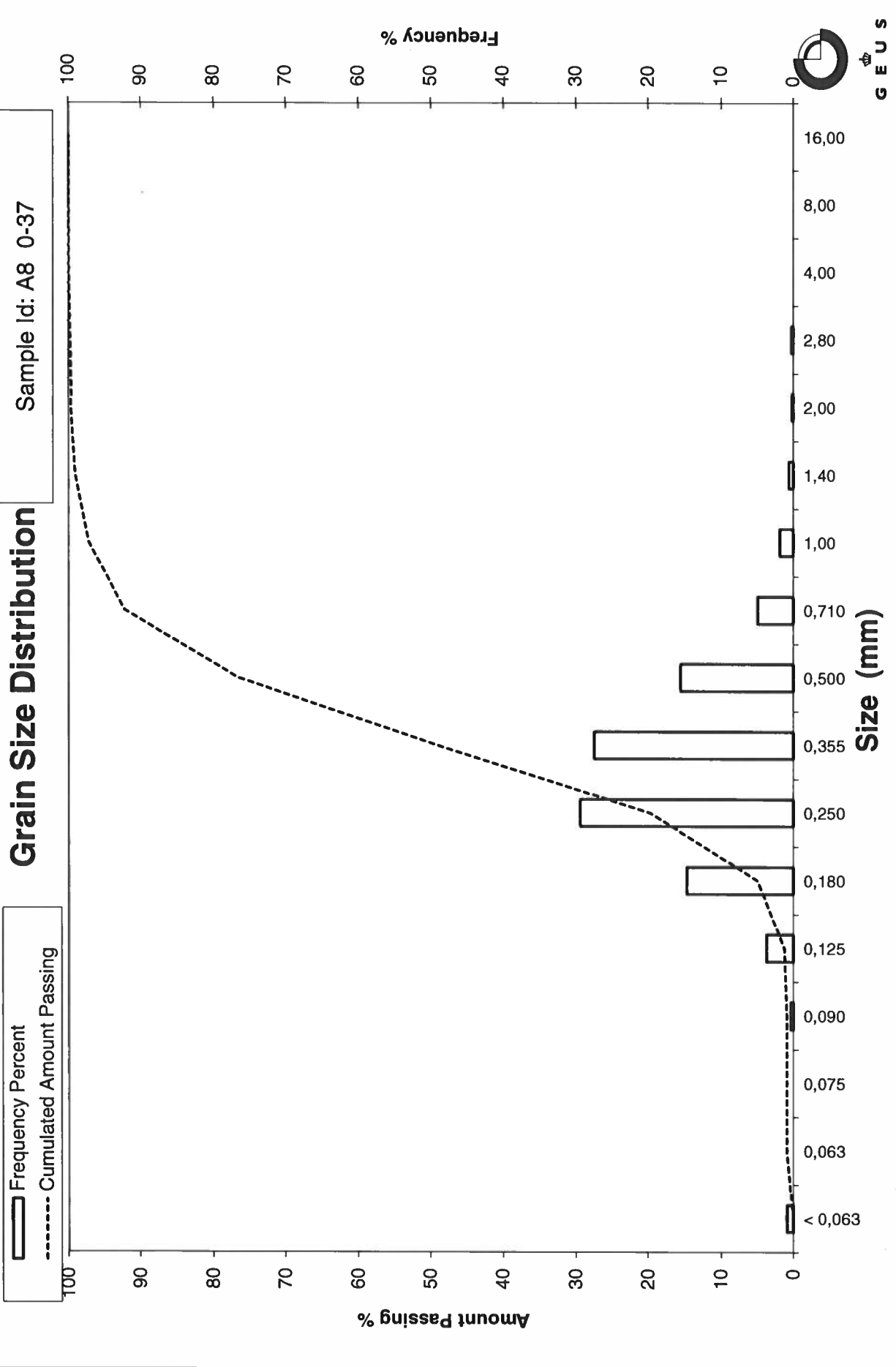
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A8 0-37

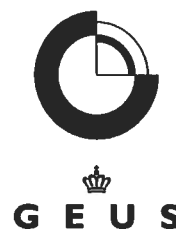
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A8 37-44
Lab. Id: 220447
Projekt: Energistyrelsen
Subject: A8
Date: 13-06-2022
Executed: PS/CRL
Remarks: >4mm heraf 1g skaller



Total Weight 127,11 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,92	0,72	99,28
4,00	-2,00	2,70	2,12	97,15
2,80	-1,49	8,82	6,94	90,21
2,00	-1,00	14,07	11,07	79,14
1,40	-0,49	14,99	11,79	67,35
1,00	0,00	14,83	11,67	55,68
0,710	0,49	17,67	13,90	41,78
0,500	1,00	20,43	16,07	25,71
0,355	1,49	15,65	12,31	13,40
0,250	2,00	9,78	7,69	5,70
0,180	2,47	5,07	3,99	1,72
0,125	3,00	0,83	0,65	1,06
0,090	3,47	0,13	0,10	0,96
0,075	3,74	0,01	0,01	0,95
0,063	3,99	0,01	0,01	0,94
< 0,063	> 3,99	1,20	0,94	0,00

Gravel

Sand

Sieve Analysis

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,94
Sand, fine (0,063 mm - 0,200 mm):	1,91
Sand, medium (0,2 mm - 0,6 mm):	30,51
Sand, coarse (0,6 mm - 2 mm):	45,78
Gravel (> 2 mm):	20,86
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	3,63	-1,86
16%	84%	2,35	-1,23
25%	75%	1,79	-0,84
40%	60%	1,15	-0,20
Median 50%	50%	0,88	0,18
75%	25%	0,49	1,02
84%	16%	0,39	1,37
90%	10%	0,31	1,70
95%	5%	0,24	2,07

Moments Statistics

Mean	0,11
Sorting	1,25
Skewness	-0,06
Kurtosis	0,86
Uniformity Coefficient	3,72

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

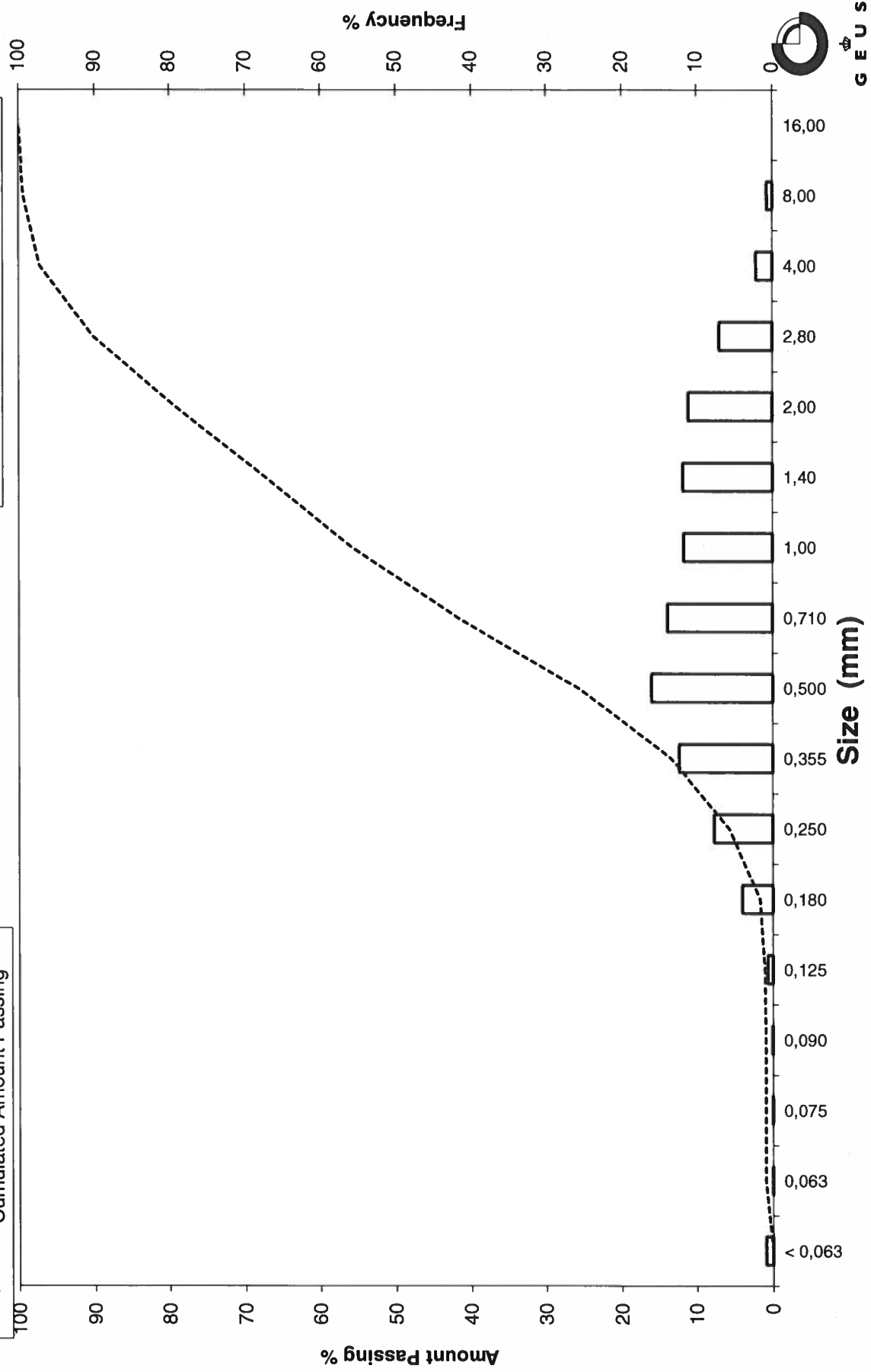
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A8 37-44

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A8 50-90
Lab. Id: 220448
Projekt: Energistyrelsen
Subject: A8
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 138,53 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	3,12	2,25	97,75
4,00	-2,00	3,30	2,38	95,37
2,80	-1,49	6,69	4,83	90,54
2,00	-1,00	8,42	6,08	84,46
1,40	-0,49	8,96	6,47	77,99
1,00	0,00	8,76	6,32	71,67
0,710	0,49	13,48	9,73	61,94
0,500	1,00	28,62	20,66	41,28
0,355	1,49	28,54	20,60	20,67
0,250	2,00	19,06	13,76	6,92
0,180	2,47	6,33	4,57	2,35
0,125	3,00	1,71	1,23	1,11
0,090	3,47	0,18	0,13	0,98
0,075	3,74	0,00	0,00	0,98
0,063	3,99	0,00	0,00	0,98
< 0,063	> 3,99	1,36	0,98	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,98
Sand, fine (0,063 mm - 0,200 mm):	2,67
Sand, medium (0,2 mm - 0,6 mm):	47,46
Sand, coarse (0,6 mm - 2 mm):	33,34
Gravel (> 2 mm):	15,54
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	3,91	-1,97
16%	84%	1,96	-0,97
25%	75%	1,21	-0,28
40%	60%	0,69	0,53
Median 50%	50%	0,59	0,76
75%	25%	0,39	1,38
84%	16%	0,32	1,65
90%	10%	0,27	1,87
95%	5%	0,22	2,18

Moments Statistics

Mean	0,48
Sorting	1,28
Skewness	-0,32
Kurtosis	1,03
Uniformity Coefficient	2,52

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

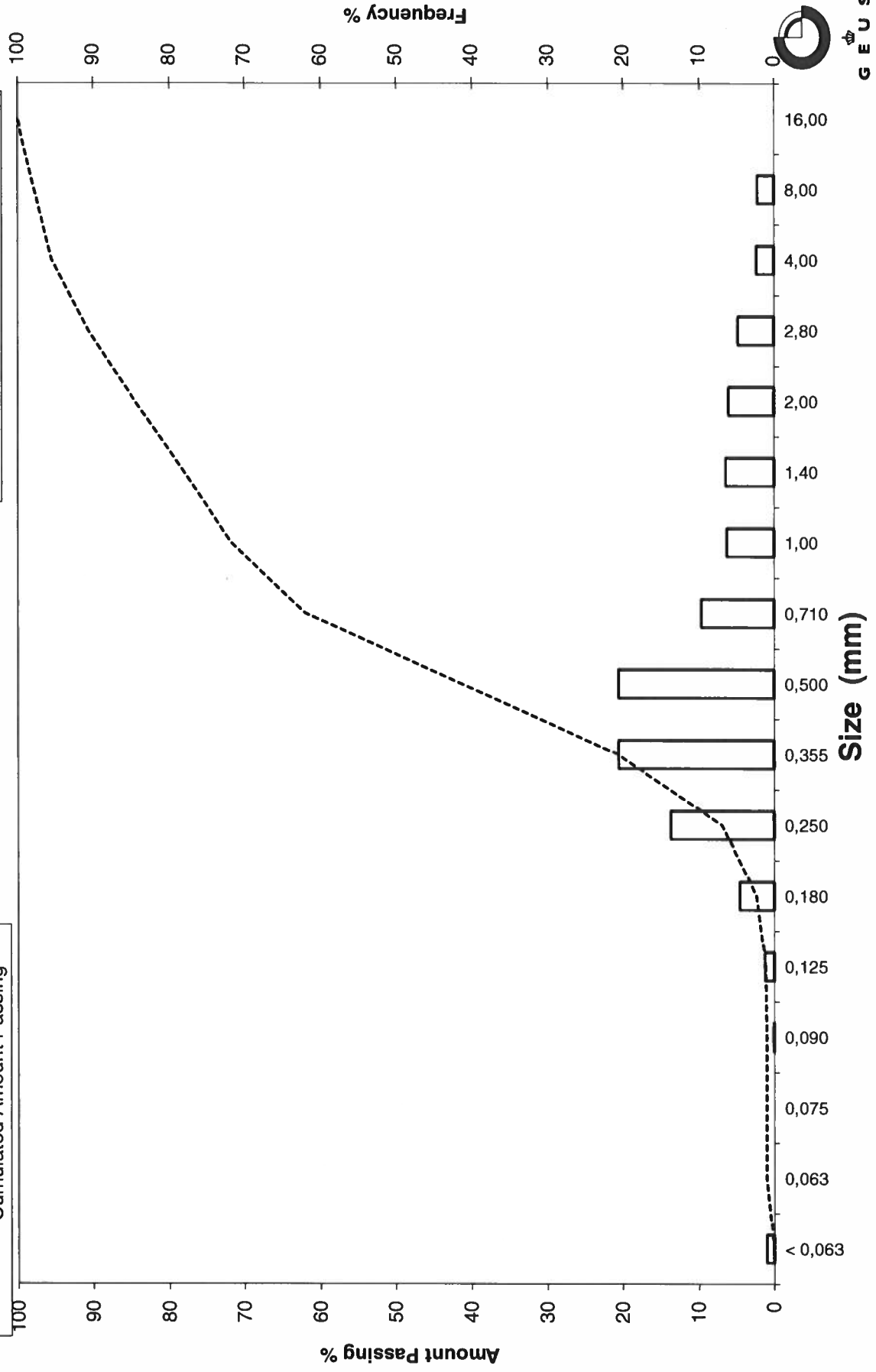
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A8 50-90

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A8 100-150
Lab. Id: 220449
Projekt: Energistyrelsen
Subject: A8
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 117,24 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,27	0,23	99,77
	2,80	-1,49	0,30	0,26	99,51
	2,00	-1,00	1,26	1,07	98,44
	1,40	-0,49	1,80	1,54	96,90
	1,00	0,00	3,48	2,97	93,94
	0,710	0,49	7,25	6,18	87,75
	0,500	1,00	19,59	16,71	71,04
	0,355	1,49	32,04	27,33	43,71
Sand	0,250	2,00	31,25	26,65	17,06
	0,180	2,47	15,41	13,14	3,92
	0,125	3,00	3,17	2,70	1,21
	0,090	3,47	0,35	0,30	0,91
	0,075	3,74	0,06	0,05	0,86
	0,063	3,99	0,01	0,01	0,85
	< 0,063	> 3,99	1,00	0,85	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,85
Sand, fine (0,063 mm - 0,200 mm):	6,82
Sand, medium (0,2 mm - 0,6 mm):	71,33
Sand, coarse (0,6 mm - 2 mm):	19,44
Gravel (> 2 mm):	1,56
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,14	-0,19
16%	84%	0,66	0,59
25%	75%	0,55	0,86
40%	60%	0,44	1,18
Median 50%	50%	0,39	1,36
75%	25%	0,28	1,83
84%	16%	0,24	2,03
90%	10%	0,21	2,24
95%	5%	0,19	2,43

Moments Statistics

Mean	1,33
Sorting	0,76
Skewness	-0,13
Kurtosis	1,11
Uniformity Coefficient	2,08

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

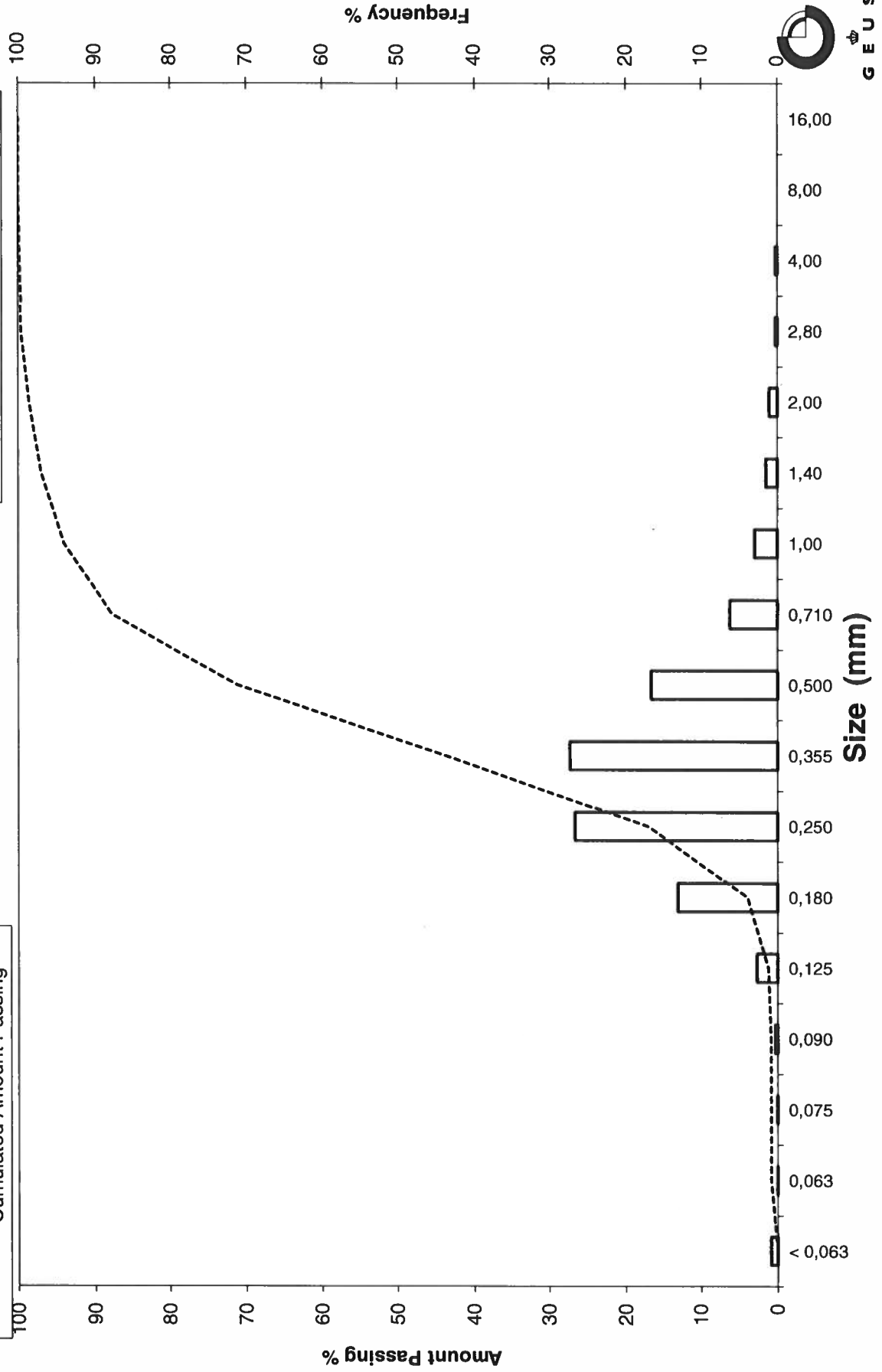
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A8 100-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A8 200-250
Lab. Id: 220471
Projekt: Energistyrrelsen
Subject: A8
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 104,57 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Sieve Analysis	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,13	0,12	99,88
	1,40	-0,49	0,43	0,41	99,46
	1,00	0,00	1,27	1,21	98,25
	0,710	0,49	3,16	3,02	95,23
	0,500	1,00	9,66	9,24	85,99
	0,355	1,49	22,75	21,76	64,23
	0,250	2,00	33,88	32,40	31,84
	0,180	2,47	25,35	24,24	7,59
	0,125	3,00	6,19	5,92	1,67
	0,090	3,47	0,63	0,60	1,07
	0,075	3,74	0,06	0,06	1,01
	0,063	3,99	0,01	0,01	1,00
	< 0,063	> 3,99	1,05	1,00	0,00
Gravel					
Sand					

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,00
Sand, fine (0,063 mm - 0,200 mm):	13,52
Sand, medium (0,2 mm - 0,6 mm):	75,87
Sand, coarse (0,6 mm - 2 mm):	9,49
Gravel (> 2 mm):	0,12
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,70	0,50
16%	84%	0,49	1,04
25%	75%	0,43	1,23
40%	60%	0,34	1,55
Median 50%	50%	0,31	1,69
75%	25%	0,23	2,12
84%	16%	0,20	2,29
90%	10%	0,19	2,42
95%	5%	0,16	2,68

Moments Statistics

Mean	1,68
Sorting	0,64
Skewness	-0,07
Kurtosis	1,00
Uniformity Coefficient	1,83

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

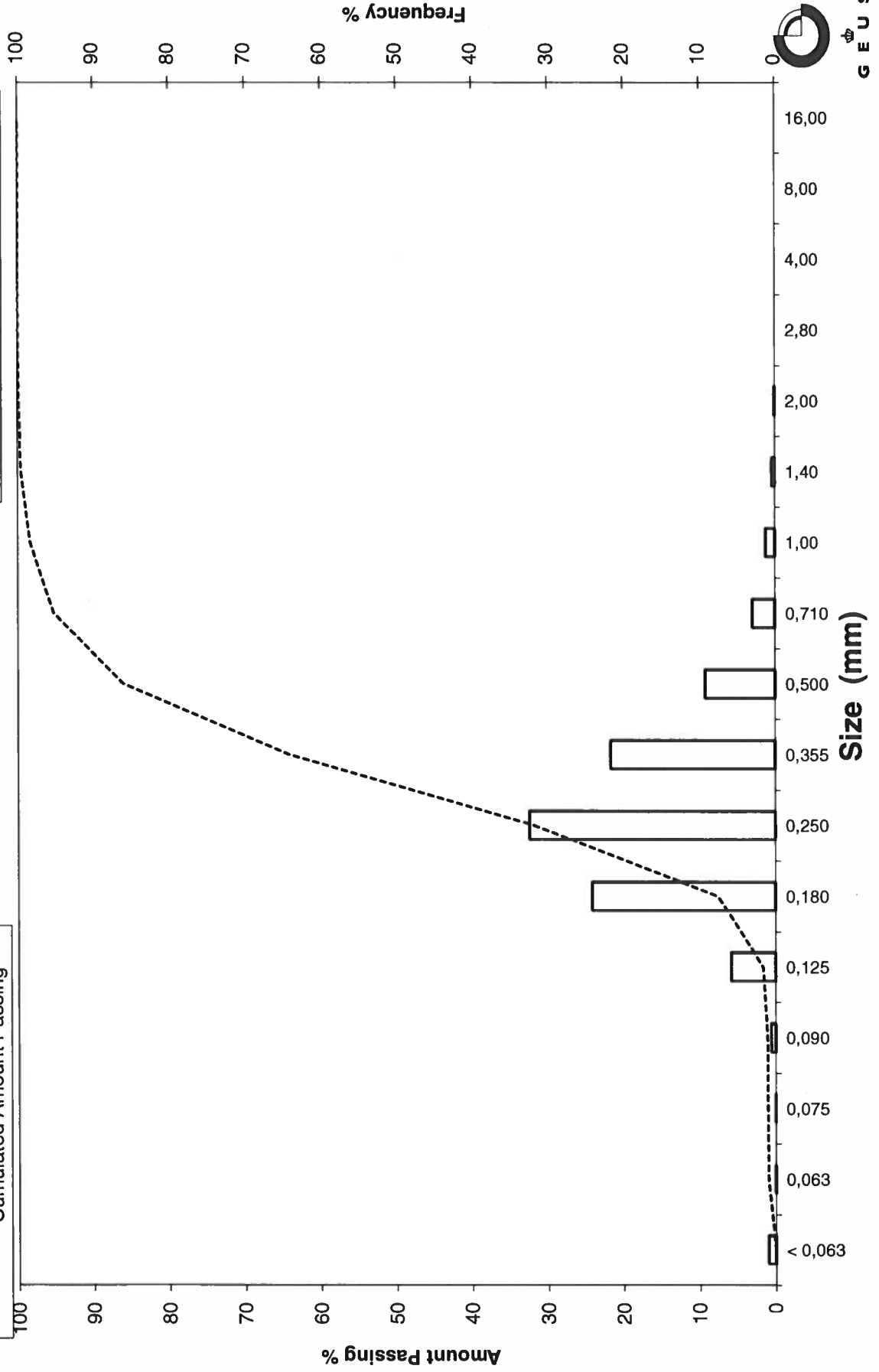
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A8 200-250

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A9 0-40
Lab. Id: 220450
Projekt: Energistyrelsen
Subject: A9
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 116,18 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	1,27	1,09	98,91
2,00	-1,00	4,30	3,70	95,21
1,40	-0,49	6,97	6,00	89,21
1,00	0,00	11,52	9,92	79,29
0,710	0,49	13,31	11,46	67,83
0,500	1,00	21,58	18,57	49,26
0,355	1,49	27,53	23,70	25,56
0,250	2,00	21,36	18,39	7,18
0,180	2,47	6,23	5,36	1,82
0,125	3,00	0,90	0,77	1,04
0,090	3,47	0,03	0,03	1,02
0,075	3,74	0,00	0,00	1,02
0,063	3,99	0,00	0,00	1,02
< 0,063	> 3,99	1,18	1,02	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,02
Sand, fine (0,063 mm - 0,200 mm):	2,33
Sand, medium (0,2 mm - 0,6 mm):	54,76
Sand, coarse (0,6 mm - 2 mm):	37,10
Gravel (> 2 mm):	4,79
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,98	-0,99
16%	84%	1,19	-0,25
25%	75%	0,89	0,17
40%	60%	0,62	0,69
Median 50%	50%	0,51	0,98
75%	25%	0,35	1,51
84%	16%	0,30	1,74
90%	10%	0,27	1,91
95%	5%	0,22	2,17

Moments Statistics

Mean	0,82
Sorting	0,98
Skewness	-0,24
Kurtosis	0,97
Uniformity Coefficient	2,34

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient (d60% / d10%) (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

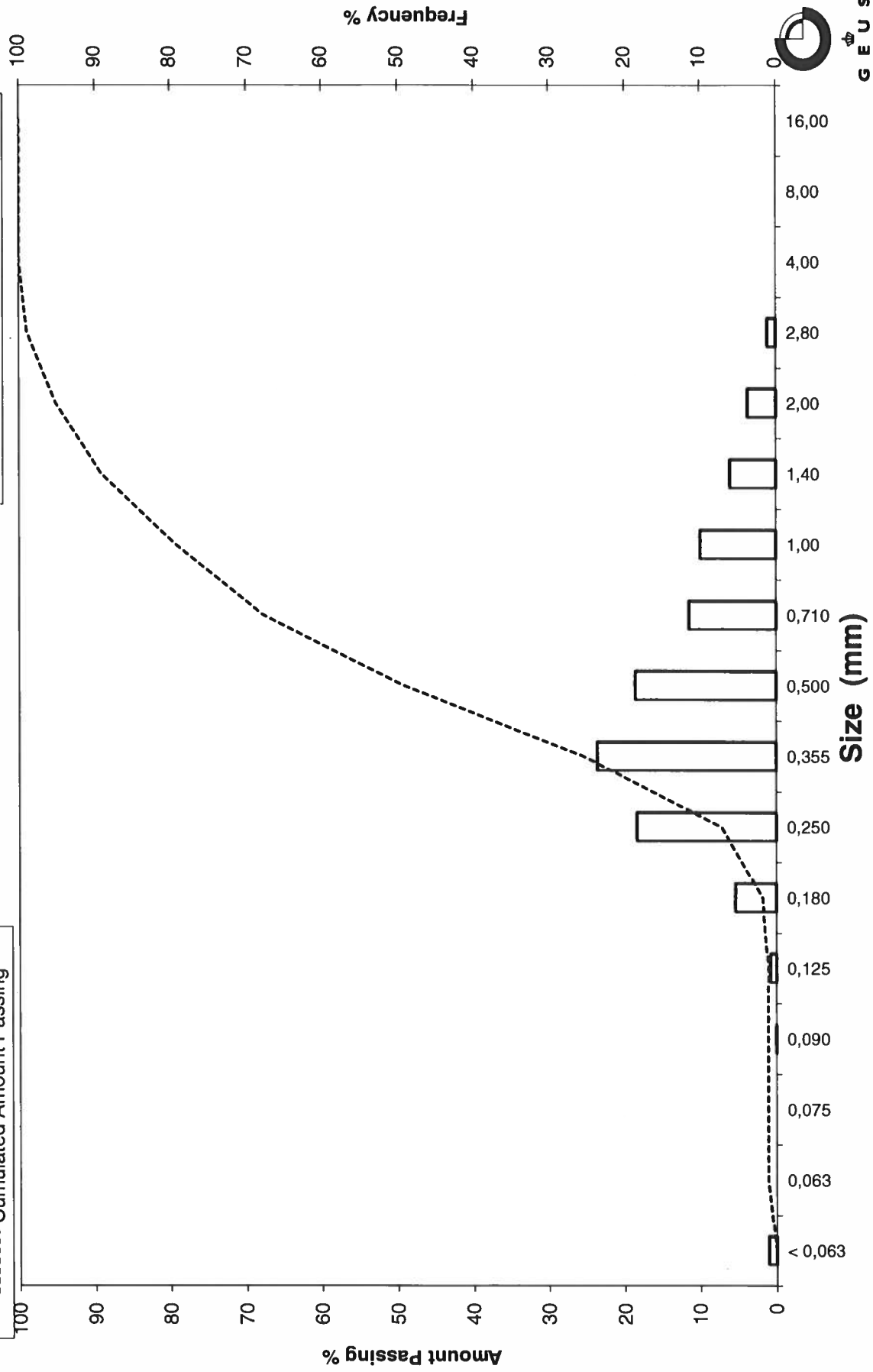
Size Classes and Percentiles are found by linear interpolation

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Grain Size Distribution

Sample Id: A9 0-40

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A9 50-100
Lab. Id: 220451
Projekt: Energistyrelsen
Subject: A9
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 105,67 g

Size Fractions

	Size		Weight		Cumulated amount passing
	mm	Φ	g	%	
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,31	0,29	99,71
	2,00	-1,00	0,70	0,66	99,04
	1,40	-0,49	1,31	1,24	97,80
	1,00	0,00	2,82	2,67	95,14
	0,710	0,49	4,04	3,82	91,31
	0,500	1,00	9,49	8,98	82,33
	0,355	1,49	20,69	19,58	62,75
Sand	0,250	2,00	43,41	41,08	21,67
	0,180	2,47	18,77	17,76	3,91
	0,125	3,00	2,37	2,24	1,67
	0,090	3,47	0,17	0,16	1,50
	0,075	3,74	0,01	0,01	1,50
	0,063	3,99	0,02	0,02	1,48
	< 0,063	> 3,99	1,56	1,48	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,48
Sand, fine (0,063 mm - 0,200 mm):	7,51
Sand, medium (0,2 mm - 0,6 mm):	77,62
Sand, coarse (0,6 mm - 2 mm):	12,44
Gravel (> 2 mm):	0,96
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,99	0,01
16%	84%	0,54	0,89
25%	75%	0,45	1,17
40%	60%	0,35	1,52
Median 50%	50%	0,32	1,63
75%	25%	0,26	1,95
84%	16%	0,23	2,14
90%	10%	0,20	2,29
95%	5%	0,18	2,44

Moments Statistics

Mean	1,55
Sorting	0,68
Skewness	-0,26
Kurtosis	1,26
Uniformity Coefficient	1,71

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

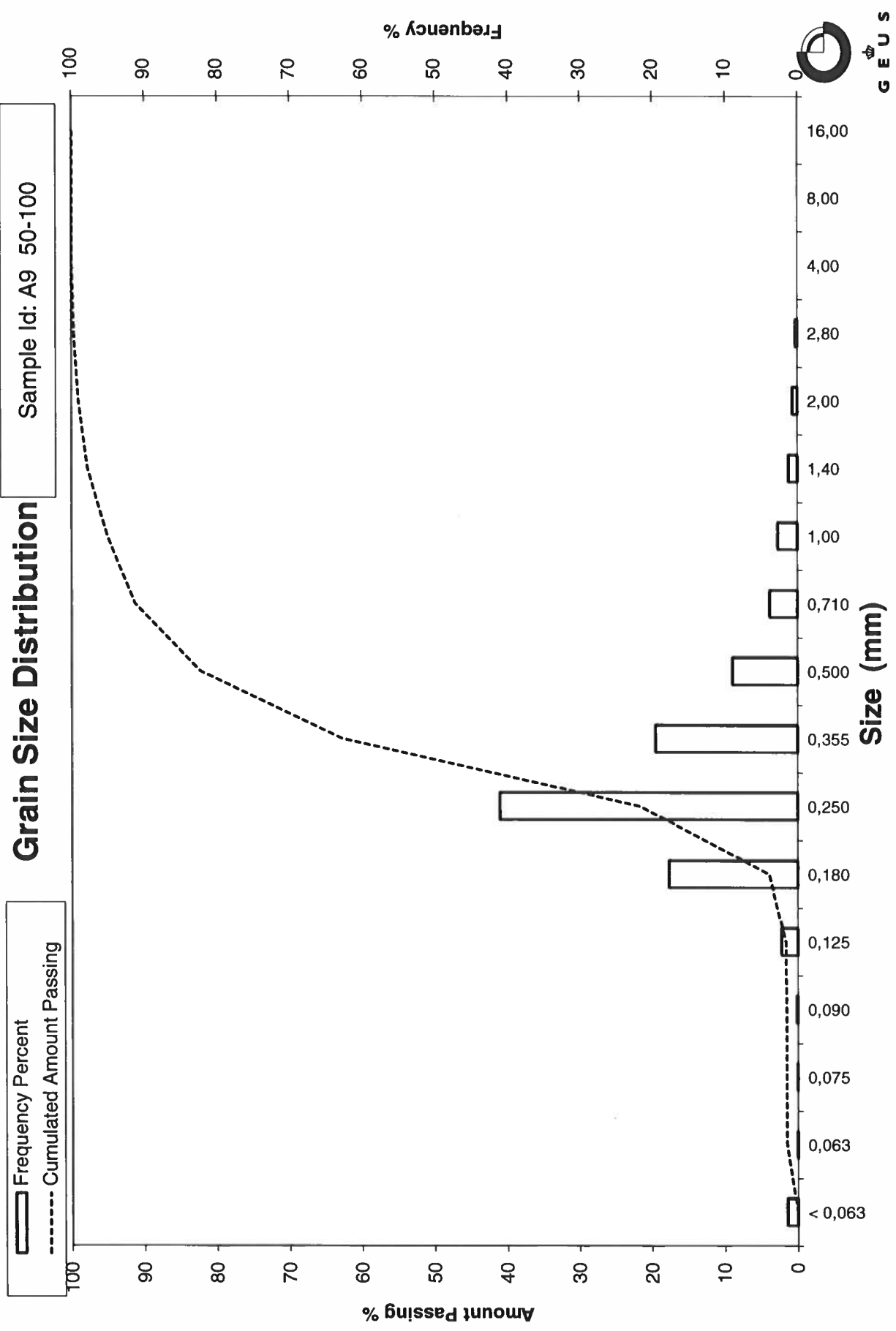
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: A9 100-150
Lab. Id: 220452
Projekt: Energistyrelsen
Subject: A9
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 103,56 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,10	0,10	99,90
	2,00	-1,00	0,60	0,58	99,32
	1,40	-0,49	1,39	1,34	97,98
	1,00	0,00	2,72	2,63	95,36
	0,710	0,49	5,00	4,83	90,53
	0,500	1,00	9,92	9,58	80,95
	0,355	1,49	24,27	23,44	57,51
Sand	0,250	2,00	36,64	35,38	22,13
	0,180	2,47	20,17	19,48	2,66
	0,125	3,00	1,47	1,42	1,24
	0,090	3,47	0,15	0,14	1,09
	0,075	3,74	0,00	0,00	1,09
	0,063	3,99	0,00	0,00	1,09
	< 0,063	> 3,99	1,13	1,09	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,09
Sand, fine (0,063 mm - 0,200 mm):	7,13
Sand, medium (0,2 mm - 0,6 mm):	77,29
Sand, coarse (0,6 mm - 2 mm):	13,81
Gravel (> 2 mm):	0,68
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,98	0,03
16%	84%	0,57	0,82
25%	75%	0,46	1,11
40%	60%	0,37	1,43
Median 50%	50%	0,33	1,59
75%	25%	0,26	1,95
84%	16%	0,23	2,13
90%	10%	0,21	2,28
95%	5%	0,19	2,41

Moments Statistics

Mean	1,51
Sorting	0,69
Skewness	-0,24
Kurtosis	1,16
Uniformity Coefficient	1,79

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

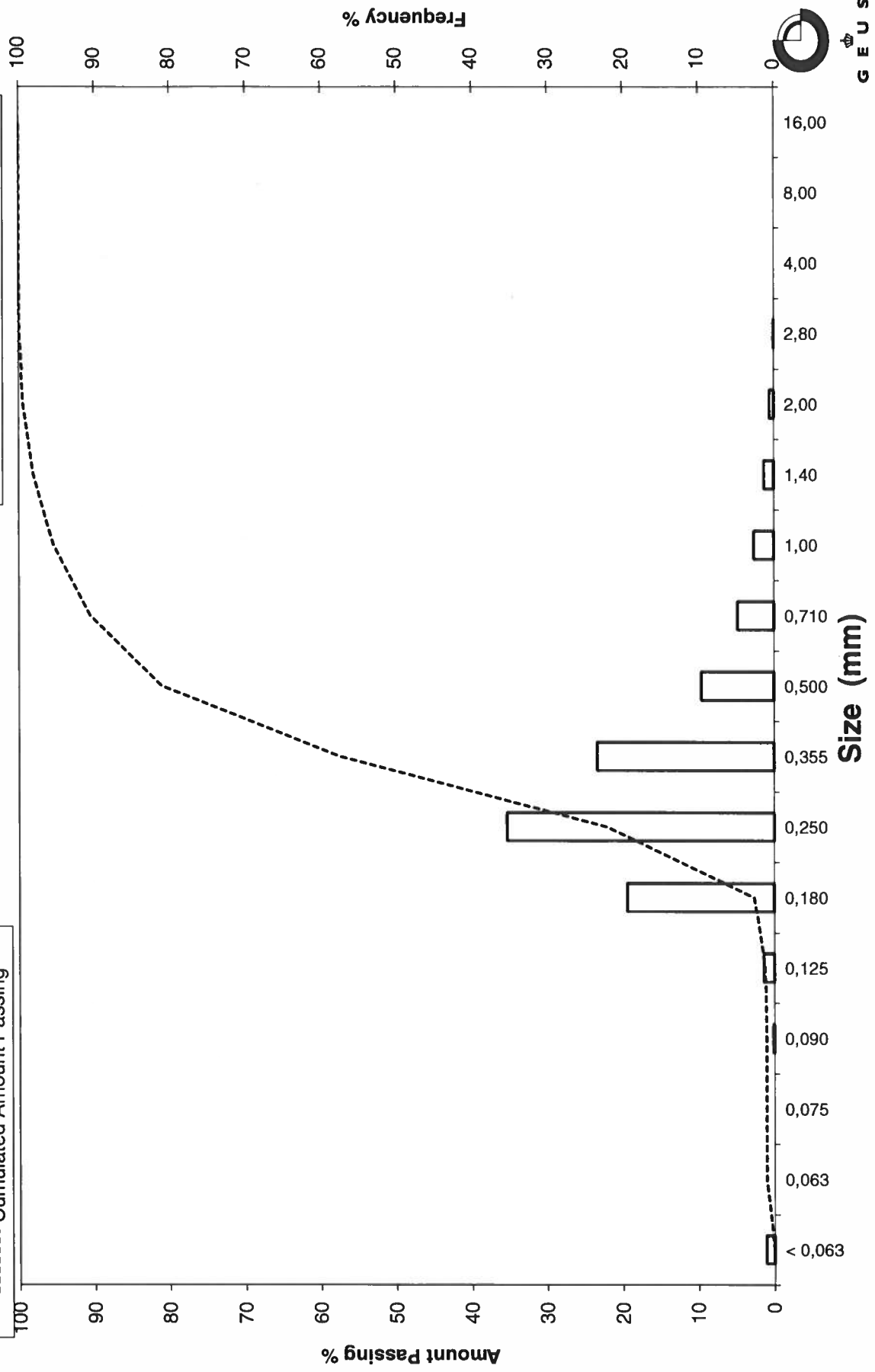
Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A9 100-150



Grain Size Distribution

Geotechnical

Sample Id: A9 150-200
Lab. Id: 220453
Projekt: Energistyrelsen
Subject: A9
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 105,41 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,02	0,02	99,98
	2,00	-1,00	0,19	0,18	99,80
	1,40	-0,49	0,36	0,34	99,46
	1,00	0,00	1,74	1,65	97,81
	0,710	0,49	4,43	4,20	93,61
	0,500	1,00	13,01	12,34	81,26
	0,355	1,49	24,09	22,85	58,41
Sand	0,250	2,00	39,90	37,85	20,56
	0,180	2,47	18,25	17,31	3,24
	0,125	3,00	2,74	2,60	0,65
	0,090	3,47	0,20	0,19	0,46
	0,075	3,74	0,00	0,00	0,46
	0,063	3,99	0,01	0,01	0,45
	< 0,063	> 3,99	0,47	0,45	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,45
Sand, fine (0,063 mm - 0,200 mm):	7,75
Sand, medium (0,2 mm - 0,6 mm):	78,95
Sand, coarse (0,6 mm - 2 mm):	12,66
Gravel (> 2 mm):	0,20
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,81	0,31
16%	84%	0,55	0,87
25%	75%	0,46	1,12
40%	60%	0,37	1,45
Median 50%	50%	0,33	1,59
75%	25%	0,26	1,93
84%	16%	0,23	2,11
90%	10%	0,21	2,27
95%	5%	0,19	2,42

Moments Statistics

Mean	1,52
Sorting	0,63
Skewness	-0,19
Kurtosis	1,06
Uniformity Coefficient	1,76

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

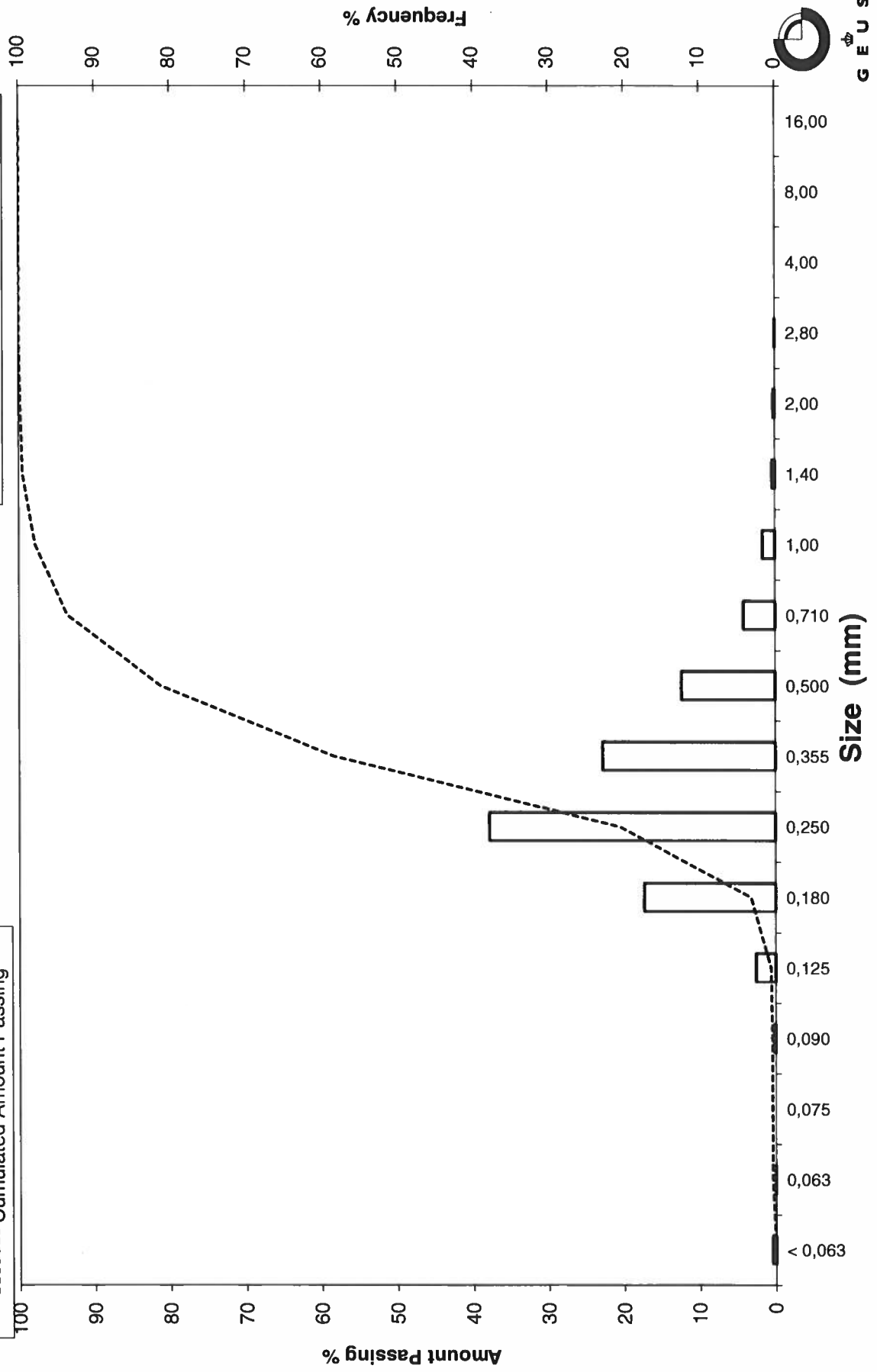
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A9 150-200

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A9 200-300
Lab. Id: 220472
Projekt: Energistyrelsen
Subject: A9
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 105,65 g

Size Fractions

Sieve Analysis					
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,09	0,09	99,91
	2,80	-1,49	0,34	0,32	99,59
	2,00	-1,00	0,30	0,28	99,31
	1,40	-0,49	0,94	0,89	98,42
Sand	1,00	0,00	2,18	2,06	96,36
	0,710	0,49	3,78	3,58	92,78
	0,500	1,00	9,66	9,14	83,63
	0,355	1,49	24,24	22,94	60,69
	0,250	2,00	37,36	35,36	25,33
	0,180	2,47	24,28	22,98	2,35
	0,125	3,00	1,80	1,70	0,64
	0,090	3,47	0,18	0,17	0,47
	0,075	3,74	0,00	0,00	0,47
	0,063	3,99	0,02	0,02	0,45
	< 0,063	> 3,99	0,48	0,45	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,45
Sand, fine (0,063 mm - 0,200 mm):	8,46
Sand, medium (0,2 mm - 0,6 mm):	79,08
Sand, coarse (0,6 mm - 2 mm):	11,32
Gravel (> 2 mm):	0,69
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,89	0,17
16%	84%	0,51	0,98
25%	75%	0,45	1,17
40%	60%	0,35	1,50
Median 50%	50%	0,32	1,63
75%	25%	0,25	2,01
84%	16%	0,22	2,17
90%	10%	0,20	2,30
95%	5%	0,19	2,41

Moments Statistics

Mean	1,59
Sorting	0,64
Skewness	-0,20
Kurtosis	1,10
Uniformity Coefficient	1,74

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

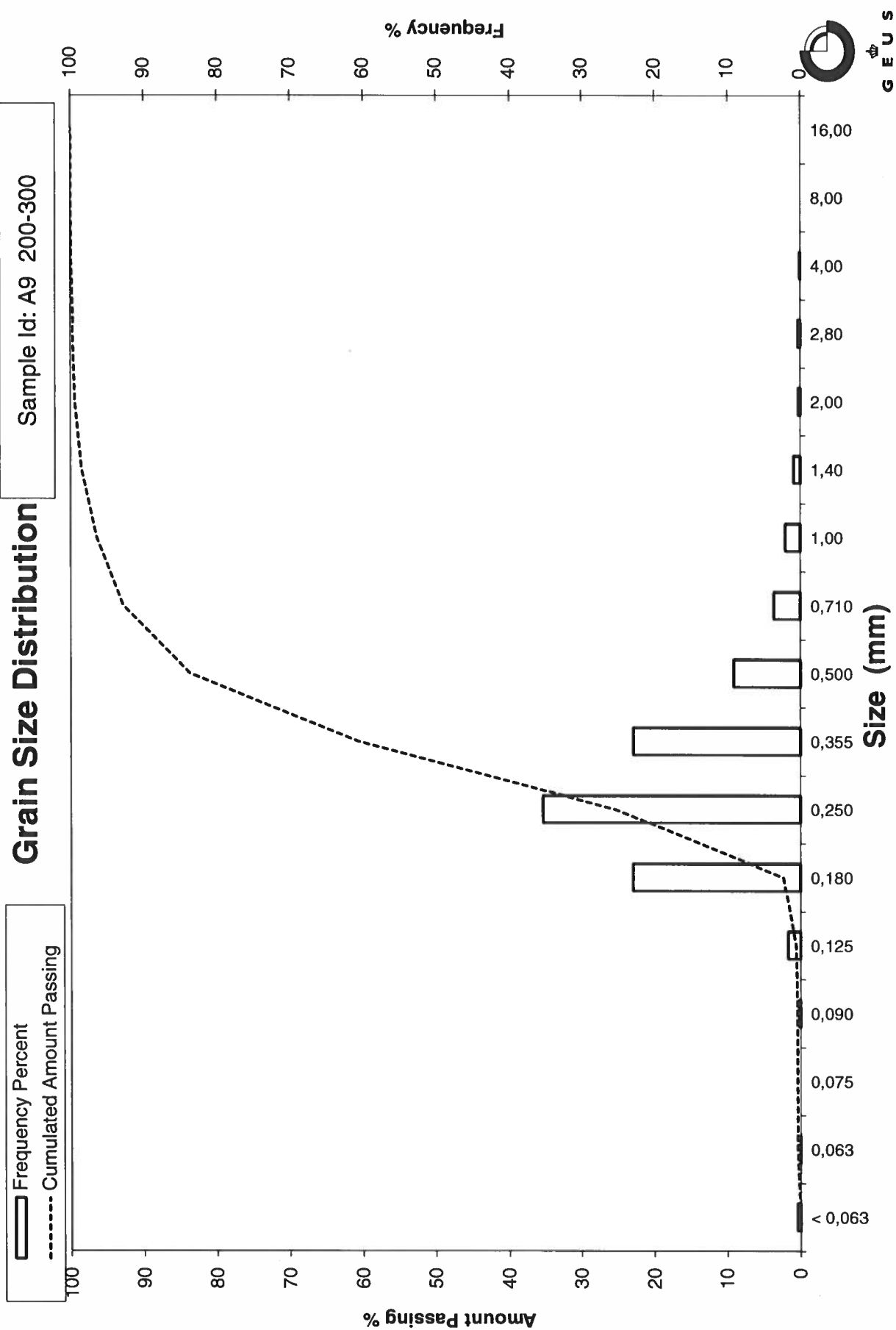
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A9 200-300

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A9 300-400
Lab. Id: 220473
Projekt: Energistyrelsen
Subject: A9
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 106,31 g

Size Fractions

Sieve Analysis					
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,23	0,22	99,78
	4,00	-2,00	0,08	0,08	99,71
	2,80	-1,49	0,09	0,08	99,62
	2,00	-1,00	0,93	0,87	98,75
	1,40	-0,49	1,81	1,70	97,05
Sand	1,00	0,00	5,94	5,59	91,46
	0,710	0,49	7,03	6,61	84,85
	0,500	1,00	12,62	11,87	72,98
	0,355	1,49	22,34	21,01	51,96
	0,250	2,00	32,38	30,46	21,50
	0,180	2,47	18,68	17,57	3,93
	0,125	3,00	3,42	3,22	0,71
	0,090	3,47	0,20	0,19	0,53
	0,075	3,74	0,00	0,00	0,53
	0,063	3,99	0,00	0,00	0,53
	< 0.063	> 3.99	0.56	0.53	0.00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,53
Sand, fine (0,063 mm - 0,200 mm):	8,43
Sand, medium (0,2 mm - 0,6 mm):	69,68
Sand, coarse (0,6 mm - 2 mm):	20,12
Gravel (> 2 mm):	1,25
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,25	-0,33
16%	84%	0,70	0,52
25%	75%	0,54	0,90
40%	60%	0,41	1,28
Median 50%	50%	0,35	1,52
75%	25%	0,26	1,93
84%	16%	0,23	2,13
90%	10%	0,20	2,29
95%	5%	0,18	2,44

Moments Statistics

Mean	1,39
Sorting	0,82
Skewness	-0,29
Kurtosis	1,10
Uniformity Coefficient	2,01

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

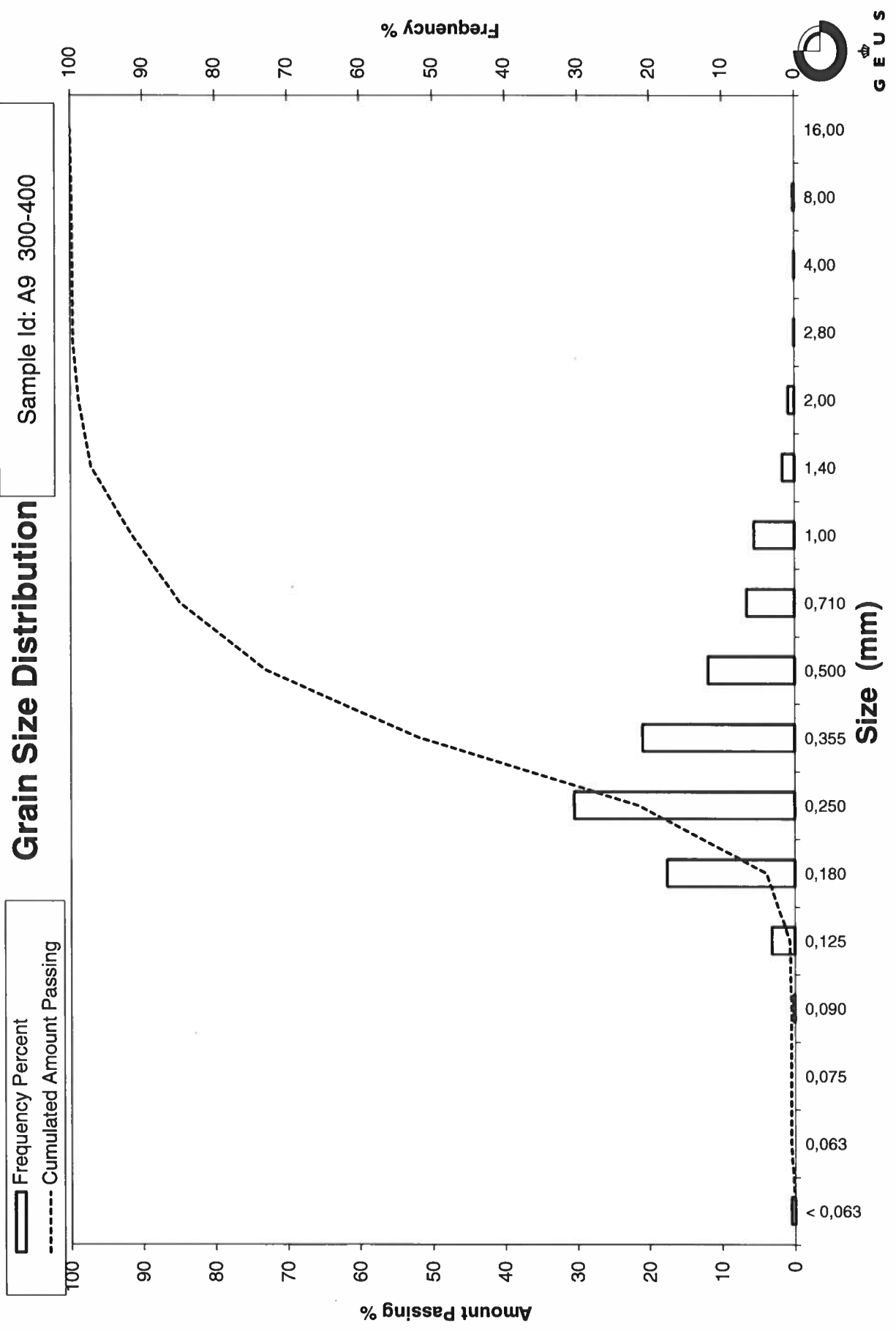
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: A10 0-34
Lab. Id: 220474
Projekt: Energistyrelsen
Subject: A10
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 94,45 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,07	0,07	99,93
2,00	-1,00	0,03	0,03	99,89
1,40	-0,49	0,08	0,08	99,81
1,00	0,00	0,08	0,08	99,72
0,710	0,49	0,43	0,46	99,27
0,500	1,00	1,43	1,51	97,76
0,355	1,49	2,66	2,82	94,94
0,250	2,00	6,09	6,45	88,49
0,180	2,47	28,43	30,10	58,39
0,125	3,00	42,79	45,30	13,09
0,090	3,47	8,63	9,14	3,95
0,075	3,74	0,43	0,46	3,49
0,063	3,99	0,54	0,57	2,92
< 0,063	> 3,99	2,76	2,92	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	2,92
Sand, fine (0,063 mm - 0,200 mm):	64,07
Sand, medium (0,2 mm - 0,6 mm):	31,49
Sand, coarse (0,6 mm - 2 mm):	1,42
Gravel (> 2 mm):	0,11
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,36	1,48
16%	84%	0,24	2,06
25%	75%	0,22	2,19
40%	60%	0,18	2,44
Median 50%	50%	0,17	2,56
75%	25%	0,14	2,84
84%	16%	0,13	2,96
90%	10%	0,11	3,14
95%	5%	0,09	3,41

Moments Statistics

Mean	2,53
Sorting	0,52
Skewness	-0,11
Kurtosis	1,22
Uniformity Coefficient	1,62

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

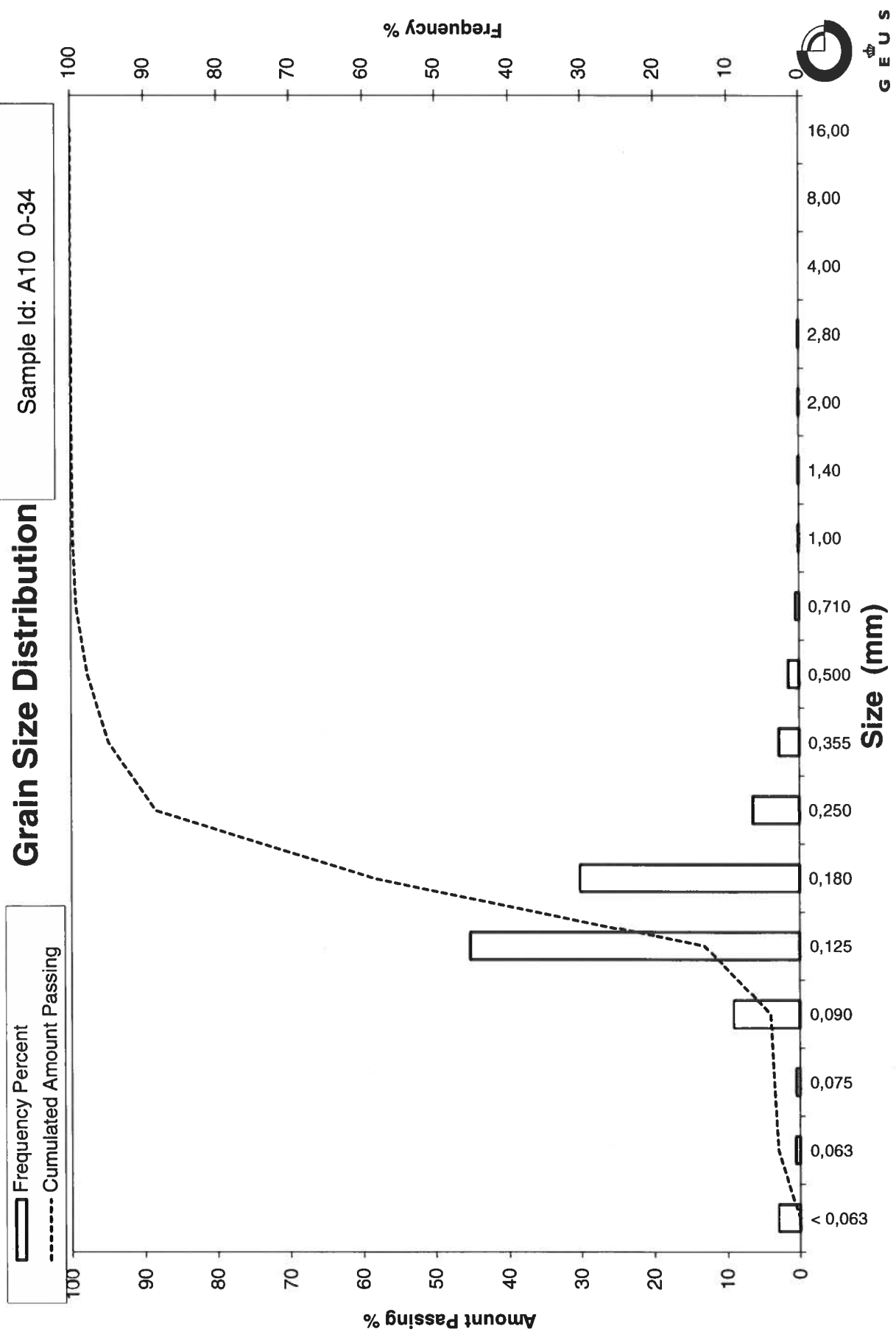
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: A10 34-57
Lab. Id: 220475
Projekt: Energistyrrelsen
Subject: A10
Date: 13-06-2022
Executed: PS/CRL
Remarks: >4,0 mm heraf 1,2g skaller



Total Weight 114,08 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,74	0,65	99,35
4,00	-2,00	1,08	0,95	98,40
2,80	-1,49	1,93	1,69	96,71
2,00	-1,00	5,21	4,57	92,15
1,40	-0,49	6,70	5,87	86,27
1,00	0,00	9,58	8,40	77,88
0,710	0,49	16,87	14,79	63,09
0,500	1,00	37,32	32,71	30,37
0,355	1,49	13,65	11,97	18,41
0,250	2,00	8,74	7,66	10,75
0,180	2,47	6,11	5,36	5,39
0,125	3,00	4,57	4,01	1,38
0,090	3,47	0,42	0,37	1,02
0,075	3,74	0,00	0,00	1,02
0,063	3,99	0,00	0,00	1,02
< 0,063	> 3,99	1,16	1,02	0,00

Gravel

Sand

Sieve Analysis

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,02
Sand, fine (0,063 mm - 0,200 mm):	5,90
Sand, medium (0,2 mm - 0,6 mm):	39,03
Sand, coarse (0,6 mm - 2 mm):	46,19
Gravel (> 2 mm):	7,85
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	2,50	-1,32
16%	84%	1,29	-0,37
25%	75%	0,94	0,08
40%	60%	0,69	0,53
Median 50%	50%	0,63	0,68
75%	25%	0,43	1,20
84%	16%	0,32	1,63
90%	10%	0,24	2,06
95%	5%	0,17	2,52

Moments Statistics

Mean	0,65
Sorting	1,08
Skewness	-0,04
Kurtosis	1,41
Uniformity Coefficient	2,87

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

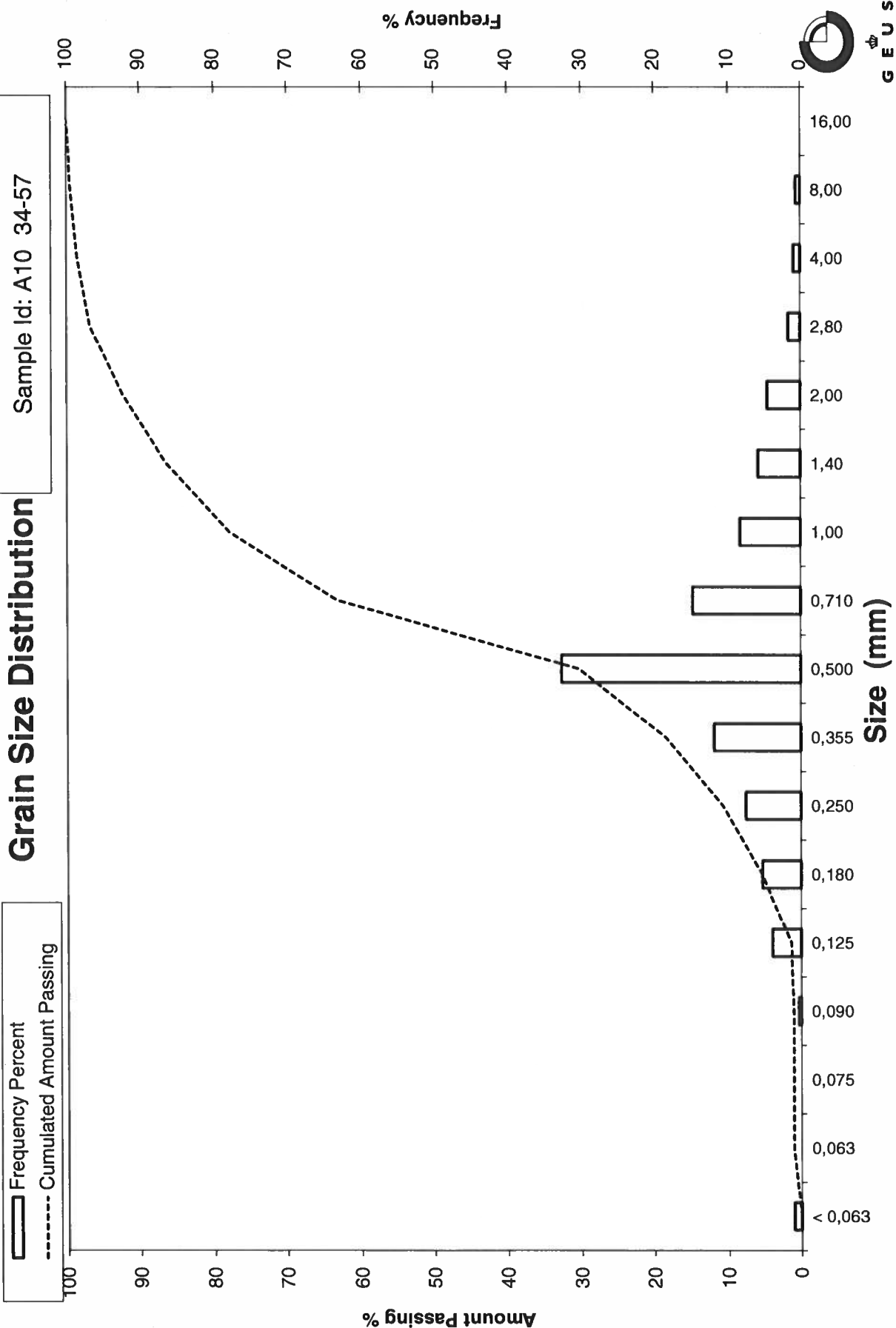
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A10 34-57

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A10 100-200
Lab. Id: 220476
Projekt: Energistyrelsen
Subject: A10
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 91,33 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,04	0,04	99,96
	2,00	-1,00	0,02	0,02	99,93
	1,40	-0,49	0,06	0,07	99,87
	1,00	0,00	0,33	0,36	99,51
	0,710	0,49	0,32	0,35	99,16
	0,500	1,00	0,52	0,57	98,59
	0,355	1,49	1,09	1,19	97,39
Sand	0,250	2,00	3,43	3,76	93,64
	0,180	2,47	12,93	14,16	79,48
	0,125	3,00	46,55	50,97	28,51
	0,090	3,47	18,17	19,89	8,62
	0,075	3,74	1,05	1,15	7,47
	0,063	3,99	0,55	0,60	6,87
	< 0,063	> 3,99	6,27	6,87	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	6,87
Sand, fine (0,063 mm - 0,200 mm):	76,66
Sand, medium (0,2 mm - 0,6 mm):	15,33
Sand, coarse (0,6 mm - 2 mm):	1,08
Gravel (> 2 mm):	0,07
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,29	1,80
16%	84%	0,20	2,31
25%	75%	0,18	2,51
40%	60%	0,16	2,65
Median 50%	50%	0,15	2,75
75%	25%	0,12	3,07
84%	16%	0,10	3,28
90%	10%	0,09	3,44
95%	5%	-----	-----

Moments Statistics

Mean	2,78
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	1,72

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

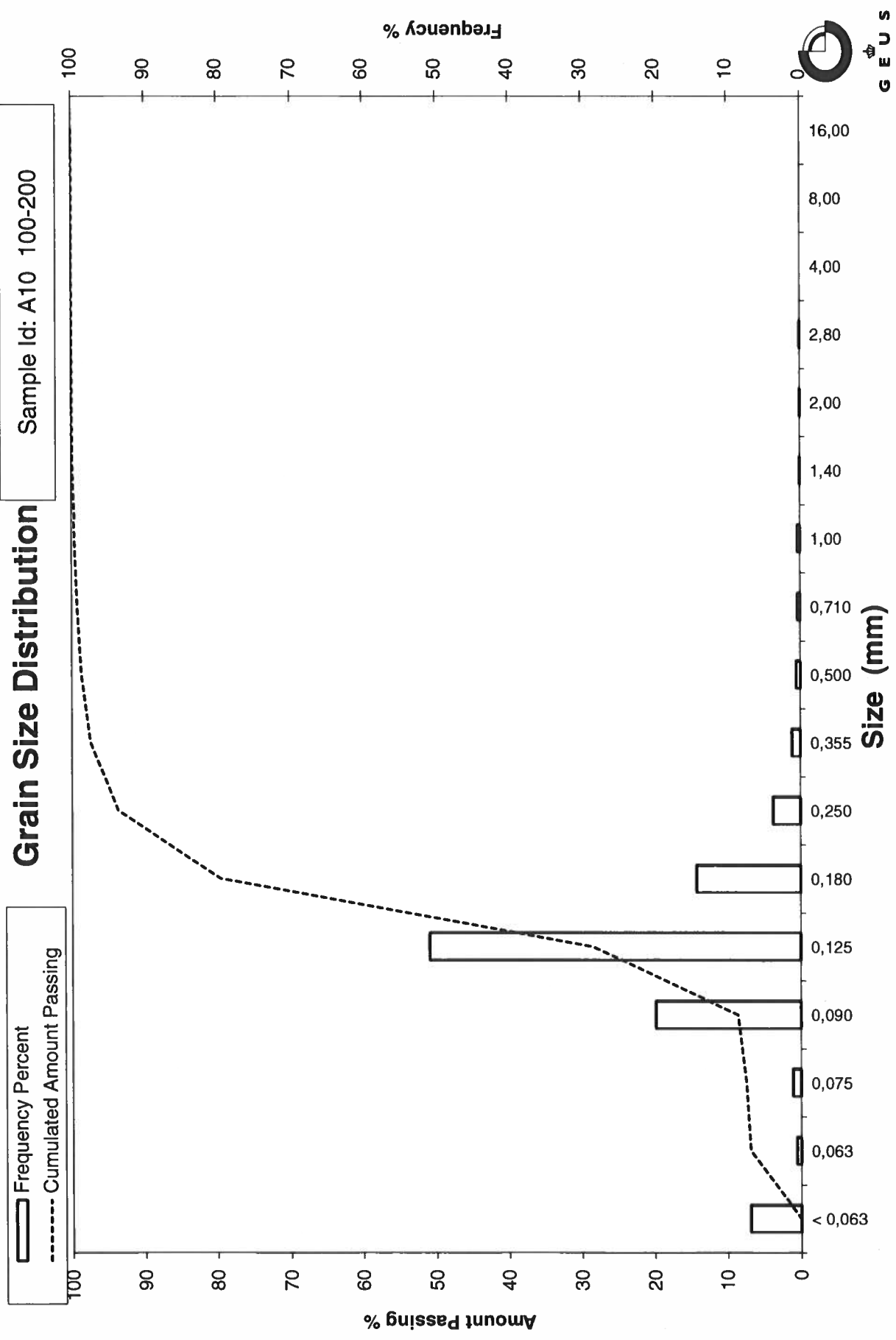
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: A14 0-50
Lab. Id: 220477
Projekt: Energistyrrelsen
Subject: A14
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 103,15 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,19	0,18	99,82
2,00	-1,00	0,08	0,08	99,74
1,40	-0,49	0,11	0,11	99,63
1,00	0,00	1,55	1,50	98,13
0,710	0,49	5,62	5,45	92,68
0,500	1,00	11,43	11,08	81,60
0,355	1,49	24,14	23,40	58,20
0,250	2,00	31,23	30,28	27,92
0,180	2,47	20,89	20,25	7,67
0,125	3,00	6,40	6,20	1,46
0,090	3,47	0,34	0,33	1,13
0,075	3,74	0,03	0,03	1,11
0,063	3,99	0,00	0,00	1,11
< 0,063	> 3,99	1,14	1,11	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,11
Sand, fine (0,063 mm - 0,200 mm):	12,35
Sand, medium (0,2 mm - 0,6 mm):	73,42
Sand, coarse (0,6 mm - 2 mm):	12,86
Gravel (> 2 mm):	0,26
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,83	0,26
16%	84%	0,55	0,87
25%	75%	0,46	1,12
40%	60%	0,37	1,45
Median 50%	50%	0,33	1,61
75%	25%	0,24	2,06
84%	16%	0,21	2,26
90%	10%	0,19	2,41
95%	5%	0,16	2,68

Moments Statistics

Mean	1,58
Sorting	0,71
Skewness	-0,09
Kurtosis	1,06
Uniformity Coefficient	1,95

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

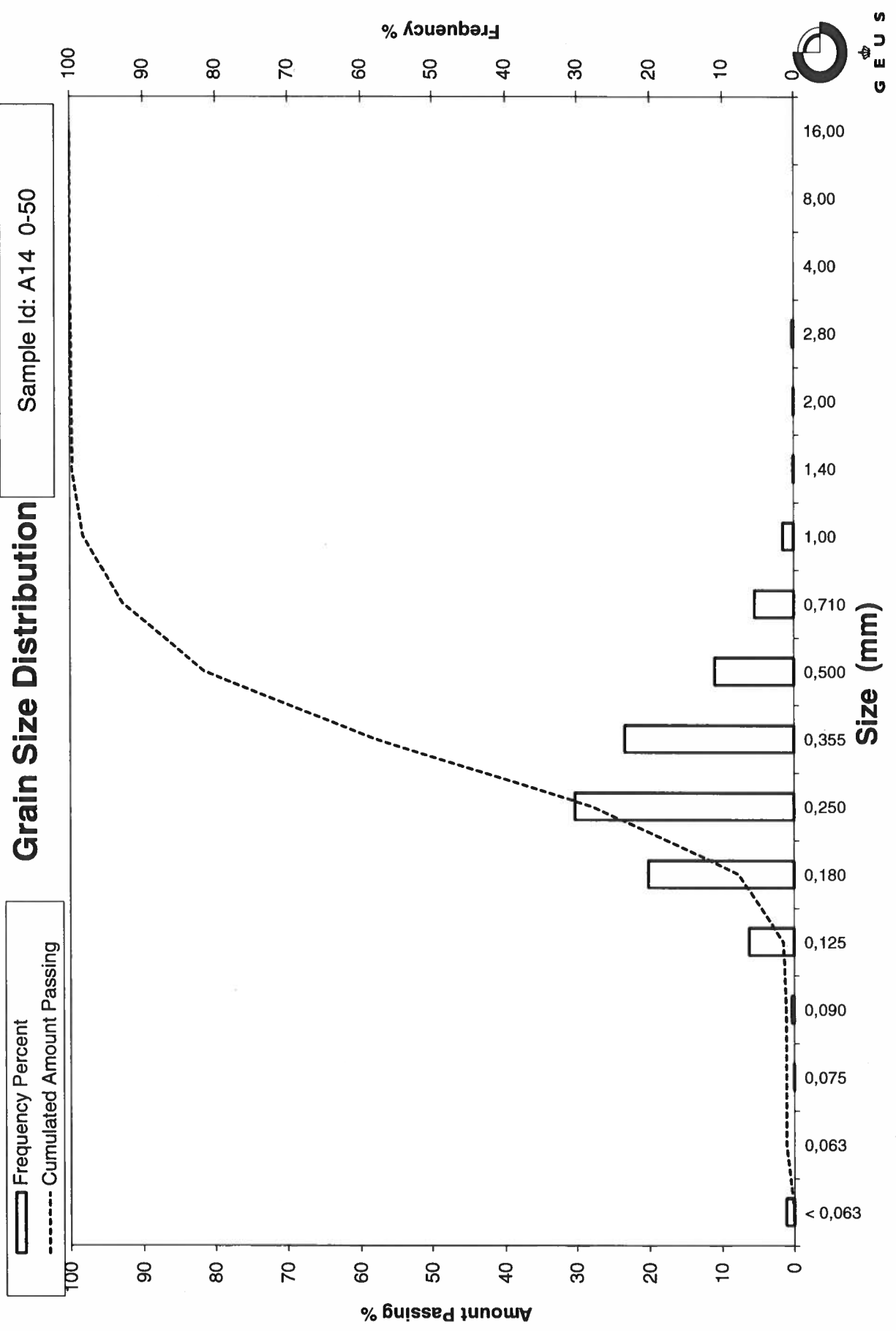
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: A14 65-82
Lab. Id: 220478
Projekt: Energistyrelsen
Subject: A14
Date: 13-06-2022
Executed: PS/CRL
Remarks: >4mm heraf 2 g skaller



Total Weight 369,71 g

Size Fractions

Sieve Analysis					
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	1,06	0,29	99,71
	4,00	-2,00	4,87	1,32	98,40
	2,80	-1,49	44,56	12,05	86,34
	2,00	-1,00	106,58	28,83	57,52
	1,40	-0,49	72,48	19,60	37,91
Sand	1,00	0,00	33,94	9,18	28,73
	0,710	0,49	35,25	9,53	19,20
	0,500	1,00	29,46	7,97	11,23
	0,355	1,49	15,80	4,27	6,95
	0,250	2,00	11,00	2,98	3,98
	0,180	2,47	8,16	2,21	1,77
	0,125	3,00	4,11	1,11	0,66
	0,090	3,47	0,41	0,11	0,55
	0,075	3,74	0,04	0,01	0,54
	0,063	3,99	0,02	0,01	0,53
	< 0.063	> 3.99	1.97	0.53	0.00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,53
Sand, fine (0,063 mm - 0,200 mm):	1,87
Sand, medium (0,2 mm - 0,6 mm):	12,62
Sand, coarse (0,6 mm - 2 mm):	42,49
Gravel (> 2 mm):	42,48
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	3,66	-1,87
16%	84%	2,73	-1,45
25%	75%	2,49	-1,31
40%	60%	2,07	-1,05
Median 50%	50%	1,77	-0,82
75%	25%	0,89	0,17
84%	16%	0,63	0,68
90%	10%	0,46	1,13
95%	5%	0,29	1,81

Moments Statistics

Mean	-0,53
Sorting	1,09
Skewness	0,42
Kurtosis	1,01
Uniformity Coefficient	4,51

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

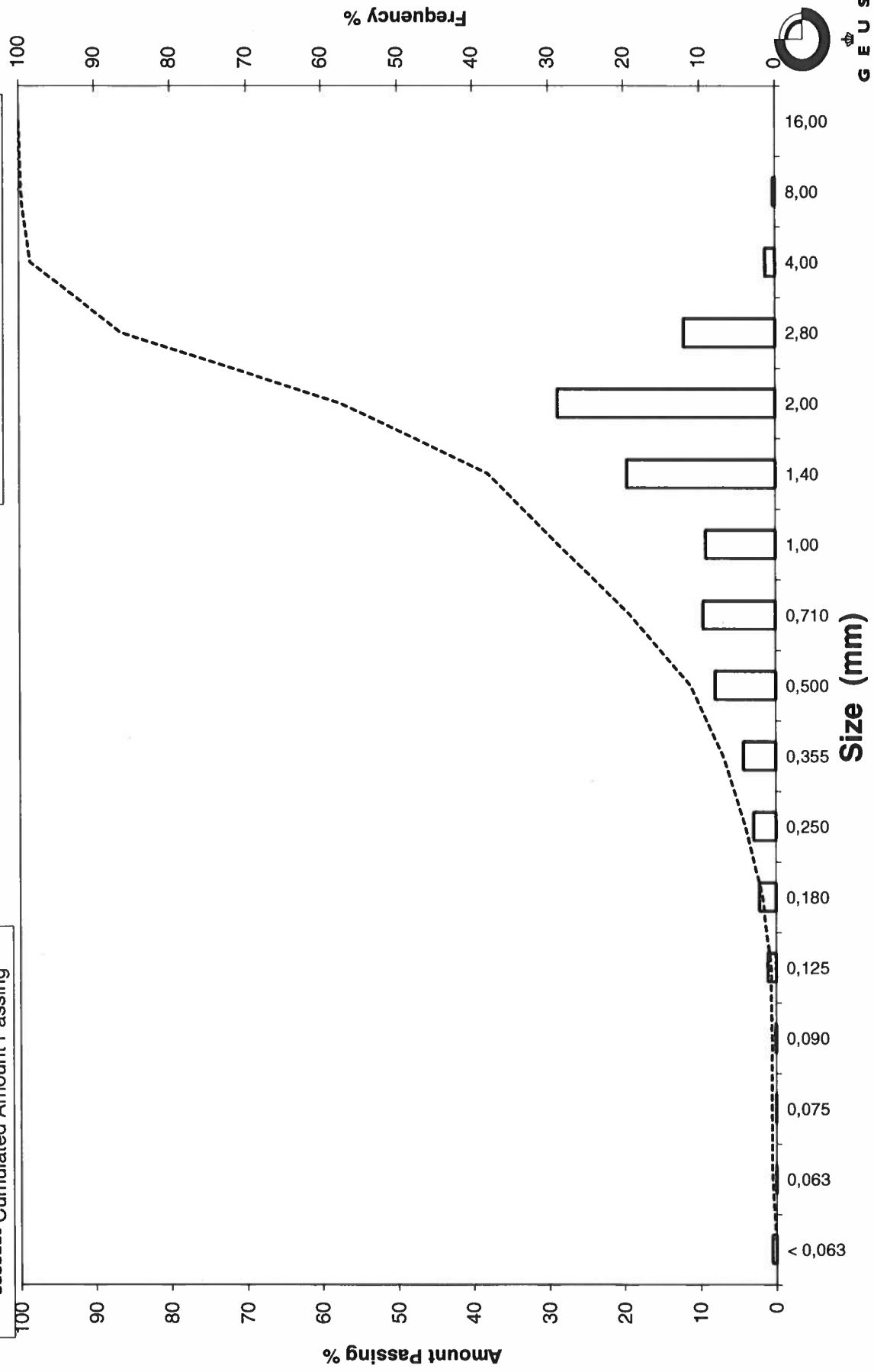
Size Classes and Percentiles are found by linear interpolation

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Grain Size Distribution

Sample Id: A14 65-82

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A14 85-140
Lab. Id: 220479
Projekt: Energistyrelsen
Subject: A14
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 96,72 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,01	0,01	99,99
1,00	0,00	0,05	0,05	99,94
0,710	0,49	0,11	0,11	99,82
0,500	1,00	0,51	0,53	99,30
0,355	1,49	1,29	1,33	97,96
0,250	2,00	4,95	5,12	92,85
0,180	2,47	45,83	47,38	45,46
0,125	3,00	35,81	37,02	8,44
0,090	3,47	5,69	5,88	2,55
0,075	3,74	0,27	0,28	2,27
0,063	3,99	0,24	0,25	2,03
< 0,063	> 3,99	1,96	2,03	0,00

Gravel

Sand

Sieve Analysis

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	2,03
Sand, fine (0,063 mm - 0,200 mm):	56,97
Sand, medium (0,2 mm - 0,6 mm):	40,55
Sand, coarse (0,6 mm - 2 mm):	0,45
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,29	1,77
16%	84%	0,24	2,08
25%	75%	0,22	2,16
40%	60%	0,20	2,31
Median 50%	50%	0,19	2,42
75%	25%	0,15	2,74
84%	16%	0,14	2,88
90%	10%	0,13	2,97
95%	5%	0,10	3,26

Moments Statistics

Mean	2,46
Sorting	0,43
Skewness	0,13
Kurtosis	1,05
Uniformity Coefficient	1,58

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

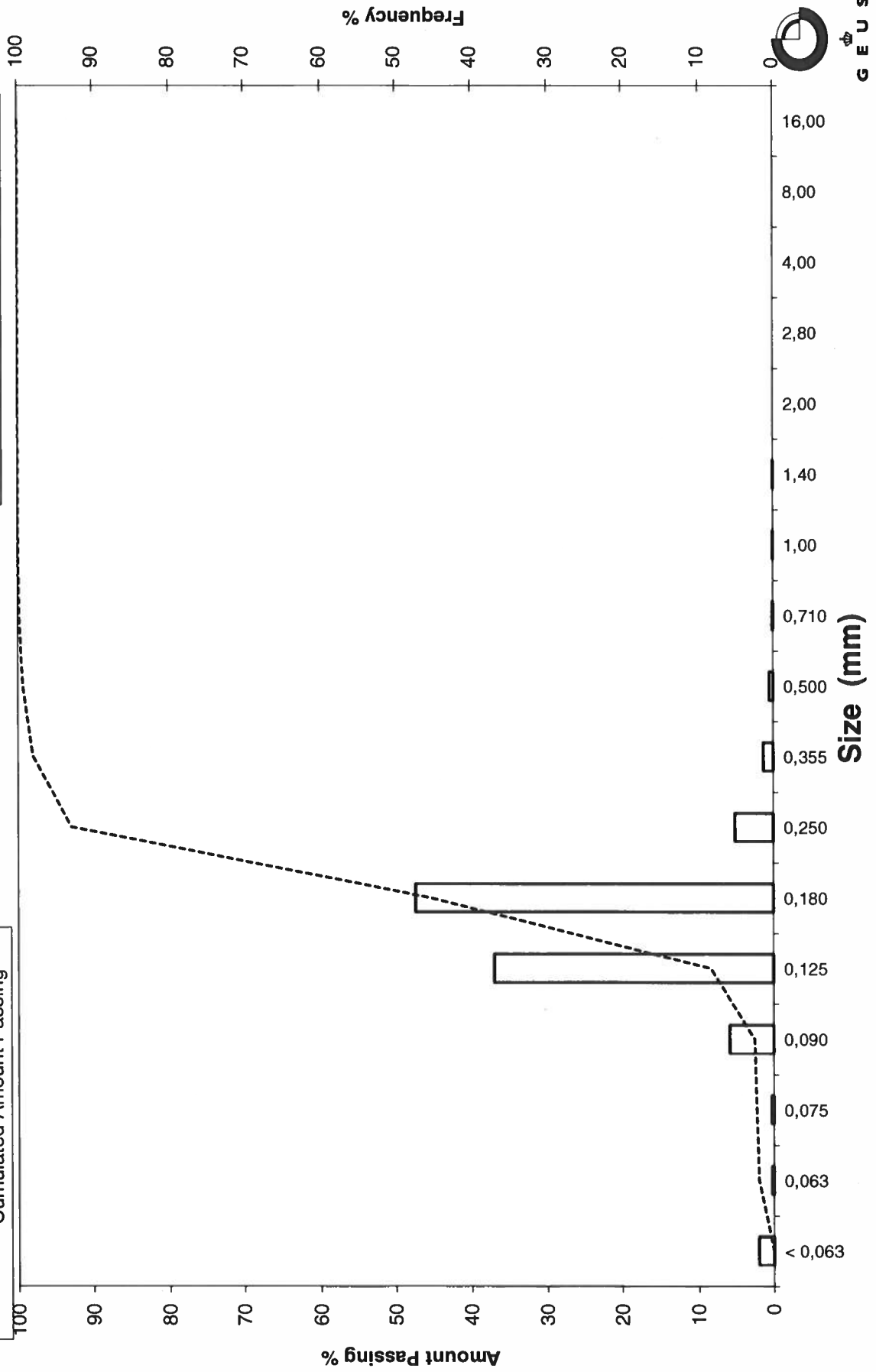
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A14 85-140

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A14 200-250
Lab. Id: 220480
Projekt: Energistyrelsen
Subject: A14
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 92,18 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,00	0,00	100,00
	1,40	-0,49	0,00	0,00	100,00
	1,00	0,00	0,12	0,13	99,87
	0,710	0,49	0,23	0,25	99,62
	0,500	1,00	0,70	0,76	98,86
	0,355	1,49	2,25	2,44	96,42
Sand	0,250	2,00	6,92	7,51	88,91
	0,180	2,47	33,16	35,97	52,94
	0,125	3,00	41,34	44,85	8,09
	0,090	3,47	4,69	5,09	3,00
	0,075	3,74	0,28	0,30	2,70
	0,063	3,99	0,19	0,21	2,50
	< 0,063	> 3,99	2,30	2,50	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	2,50
Sand, fine (0,063 mm - 0,200 mm):	60,72
Sand, medium (0,2 mm - 0,6 mm):	36,00
Sand, coarse (0,6 mm - 2 mm):	0,78
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,34	1,58
16%	84%	0,24	2,06
25%	75%	0,22	2,17
40%	60%	0,19	2,37
Median 50%	50%	0,18	2,50
75%	25%	0,15	2,78
84%	16%	0,13	2,89
90%	10%	0,13	2,97
95%	5%	0,10	3,27

Moments Statistics

Mean	2,48
Sorting	0,47
Skewness	-0,08
Kurtosis	1,13
Uniformity Coefficient	1,52

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

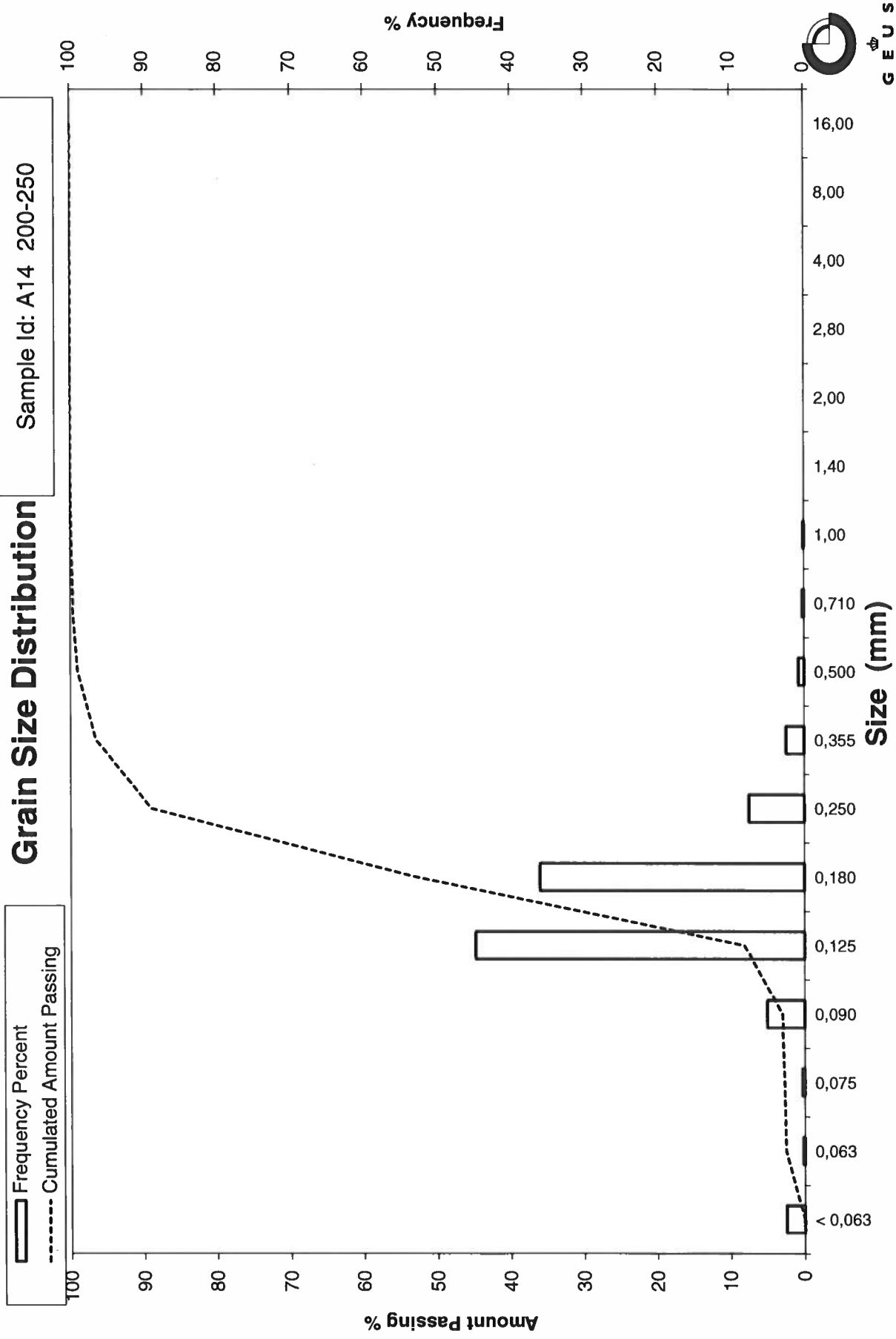
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A14 200-250

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A23 0-50
Lab. Id: 220481
Projekt: Energistyrrelsen
Subject: A23
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 102,65 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,01	0,01	99,99
	1,40	-0,49	0,52	0,51	99,48
	1,00	0,00	2,15	2,09	97,39
	0,710	0,49	6,44	6,27	91,12
	0,500	1,00	17,59	17,14	73,98
	0,355	1,49	24,61	23,97	50,00
Sand	0,250	2,00	29,28	28,52	21,48
	0,180	2,47	17,69	17,23	4,25
	0,125	3,00	2,50	2,44	1,81
	0,090	3,47	0,13	0,13	1,69
	0,075	3,74	0,00	0,00	1,69
	0,063	3,99	0,01	0,01	1,68
	< 0,063	> 3,99	1,72	1,68	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,68
Sand, fine (0,063 mm - 0,200 mm):	7,50
Sand, medium (0,2 mm - 0,6 mm):	72,97
Sand, coarse (0,6 mm - 2 mm):	17,85
Gravel (> 2 mm):	0,01
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,89	0,17
16%	84%	0,62	0,68
25%	75%	0,51	0,96
40%	60%	0,42	1,27
Median 50%	50%	0,35	1,49
75%	25%	0,26	1,93
84%	16%	0,23	2,13
90%	10%	0,20	2,30
95%	5%	0,18	2,45

Moments Statistics

Mean	1,44
Sorting	0,71
Skewness	-0,14
Kurtosis	0,97
Uniformity Coefficient	2,04

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

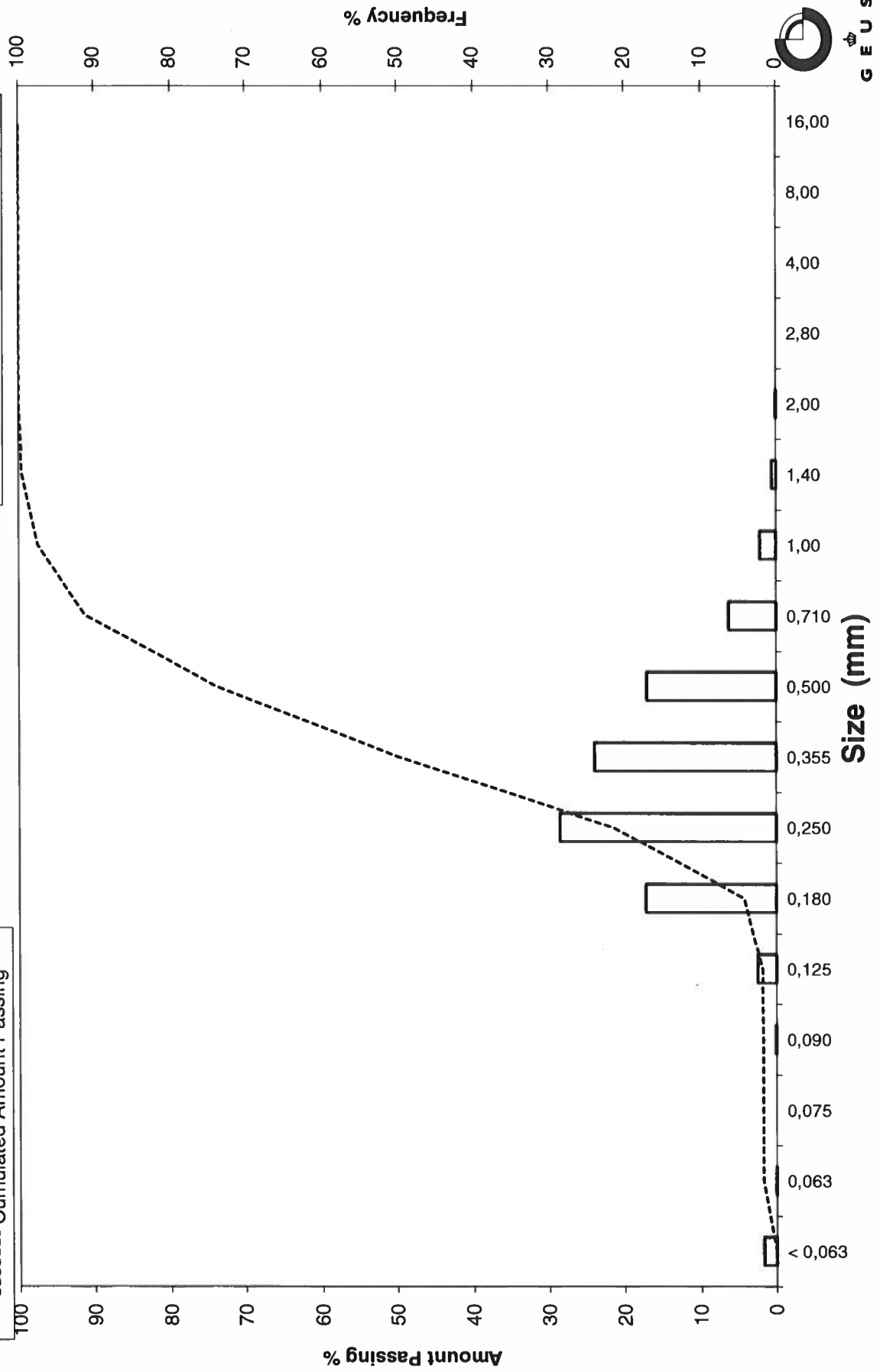
Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A23 0-50



Grain Size Distribution

Geotechnical

Sample Id: A23 50-100
Lab. Id: 220482
Projekt: Energistyrrelsen
Subject: A23
Date: 13-06-2022
Executed: PS/CRL
Remarks: > 8mm består af skaller



Total Weight 117,83 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,44	0,37	99,63
4,00	-2,00	0,00	0,00	99,63
2,80	-1,49	0,00	0,00	99,63
2,00	-1,00	0,19	0,16	99,47
1,40	-0,49	1,75	1,49	97,98
1,00	0,00	6,78	5,75	92,23
0,710	0,49	14,26	12,10	80,12
0,500	1,00	23,49	19,94	60,19
0,355	1,49	24,07	20,43	39,76
0,250	2,00	25,21	21,40	18,37
0,180	2,47	18,91	16,05	2,32
0,125	3,00	1,52	1,29	1,03
0,090	3,47	0,13	0,11	0,92
0,075	3,74	0,00	0,00	0,92
0,063	3,99	0,00	0,00	0,92
< 0,063	> 3,99	1,08	0,92	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,92
Sand, fine (0,063 mm - 0,200 mm):	5,99
Sand, medium (0,2 mm - 0,6 mm):	62,78
Sand, coarse (0,6 mm - 2 mm):	29,78
Gravel (> 2 mm):	0,53
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,19	-0,25
16%	84%	0,80	0,32
25%	75%	0,66	0,61
40%	60%	0,50	1,00
Median 50%	50%	0,43	1,23
75%	25%	0,28	1,82
84%	16%	0,24	2,06
90%	10%	0,21	2,23
95%	5%	0,19	2,38

Moments Statistics

Mean	1,20
Sorting	0,84
Skewness	-0,08
Kurtosis	0,89
Uniformity Coefficient	2,34

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

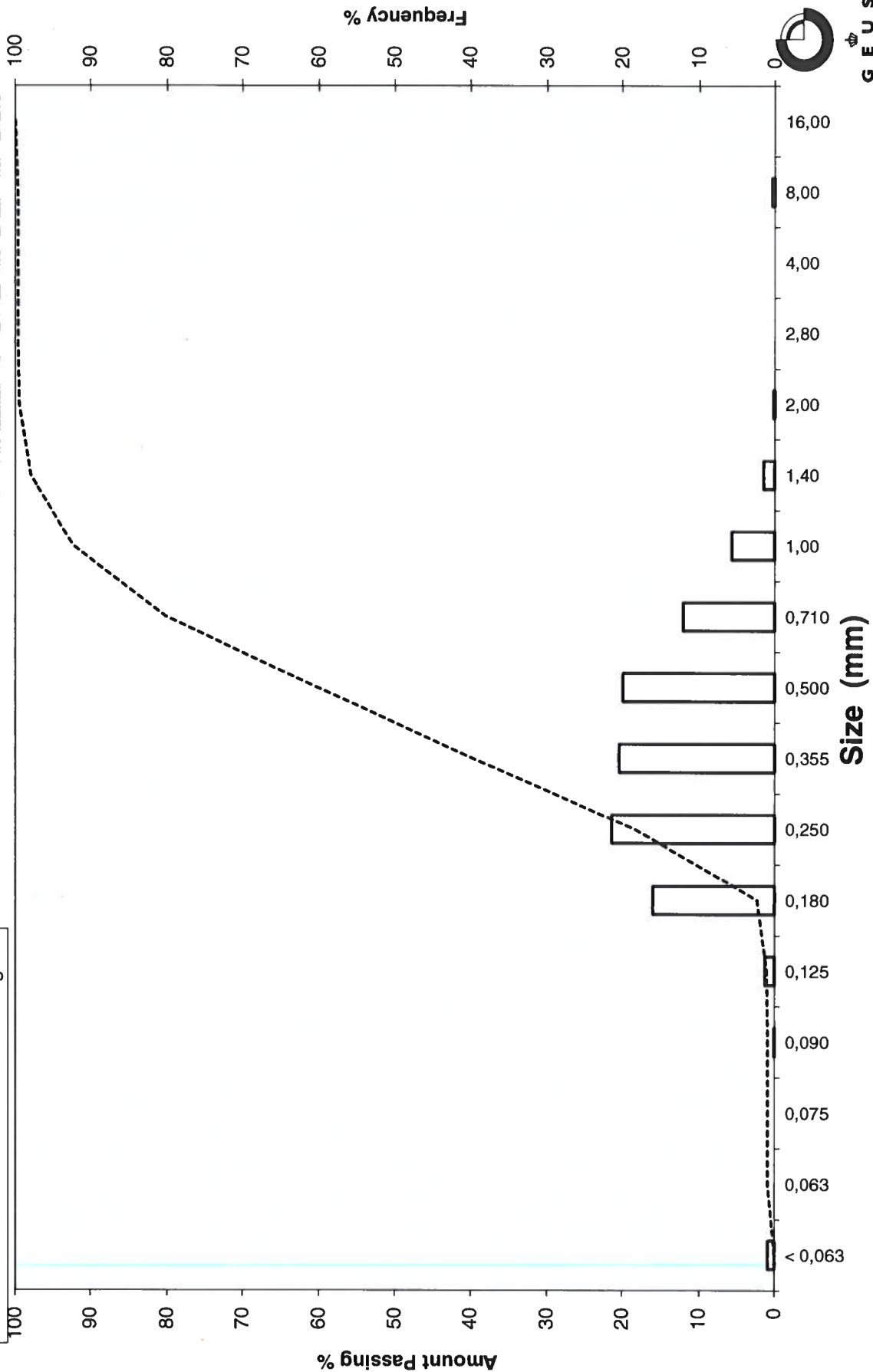
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Sample Id: A23 50-100

Grain Size Distribution

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A23 100-150
Lab. Id: 220483
Projekt Energistyrelsen
Subject: A23
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 105,37 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,03	0,03	99,97
2,00	-1,00	0,16	0,15	99,82
1,40	-0,49	0,95	0,90	98,92
1,00	0,00	3,93	3,73	95,19
0,710	0,49	10,06	9,55	85,64
0,500	1,00	20,36	19,32	66,32
0,355	1,49	20,96	19,89	46,43
0,250	2,00	29,32	27,83	18,60
0,180	2,47	15,84	15,03	3,57
0,125	3,00	2,77	2,63	0,94
0,090	3,47	0,16	0,15	0,79
0,075	3,74	0,00	0,00	0,79
0,063	3,99	0,00	0,00	0,79
< 0,063	> 3,99	0,83	0,79	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,79
Sand, fine (0,063 mm - 0,200 mm):	7,08
Sand, medium (0,2 mm - 0,6 mm):	67,66
Sand, coarse (0,6 mm - 2 mm):	24,30
Gravel (> 2 mm):	0,18
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,99	0,01
16%	84%	0,69	0,53
25%	75%	0,59	0,75
40%	60%	0,45	1,14
Median 50%	50%	0,38	1,39
75%	25%	0,27	1,87
84%	16%	0,24	2,07
90%	10%	0,21	2,25
95%	5%	0,19	2,42

Moments Statistics

Mean	1,33
Sorting	0,75
Skewness	-0,13
Kurtosis	0,89
Uniformity Coefficient	2,16

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgt-Bulletin 1988)

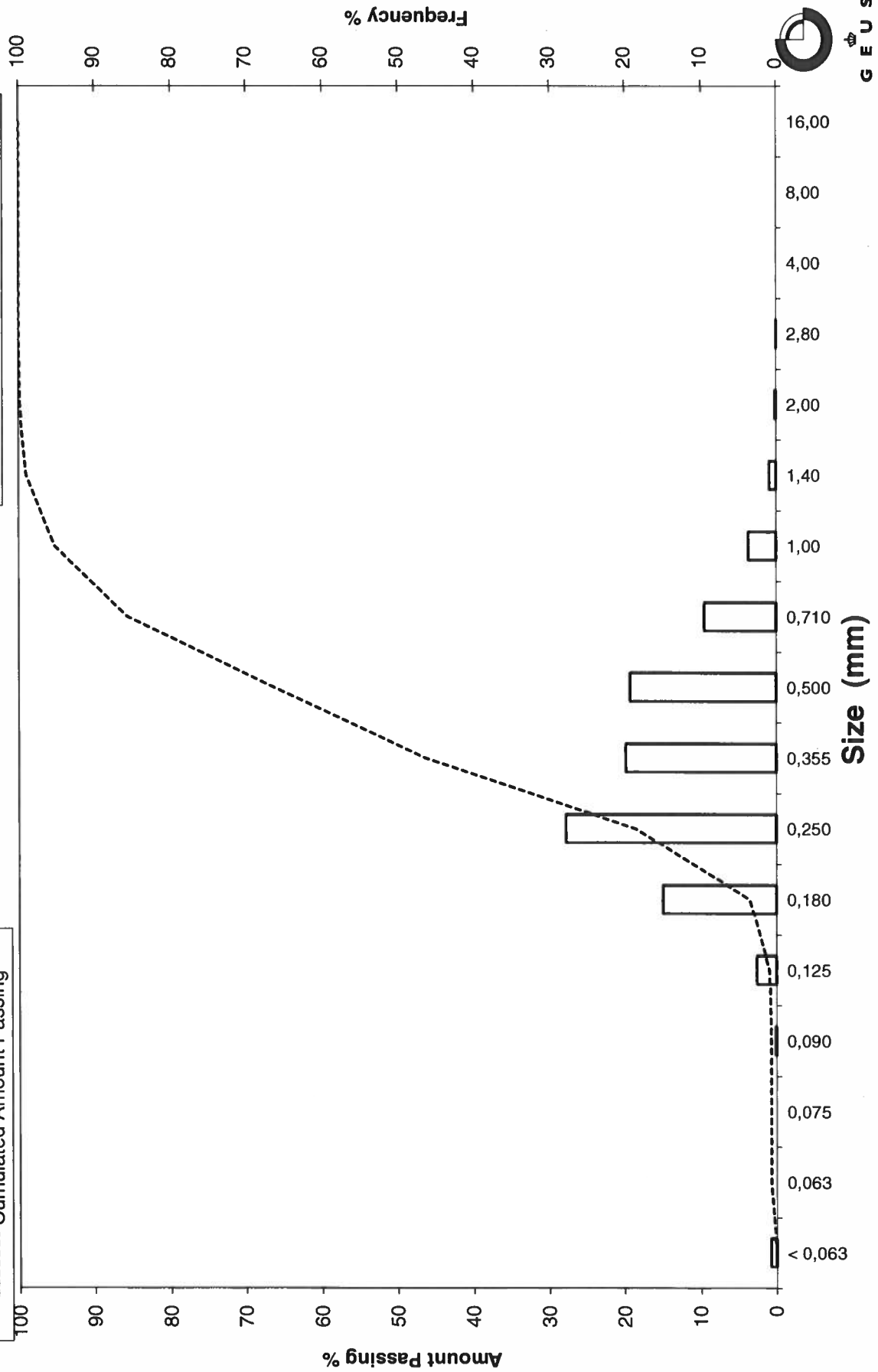
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Sample Id: A23 100-150

Grain Size Distribution

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A23 150-200
Lab. Id: 220484
Projekt: Energistyrelsen
Subject: A23
Date: 13-06-2022
Executed: PS/CRL
Remarks: > 4mm består af skaller



Total Weight 105,76 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,04	0,04	99,96
	2,80	-1,49	0,00	0,00	99,96
	2,00	-1,00	0,00	0,00	99,96
	1,40	-0,49	0,04	0,04	99,92
	1,00	0,00	0,73	0,69	99,23
	0,710	0,49	3,32	3,14	96,09
	0,500	1,00	9,02	8,53	87,57
	0,355	1,49	17,95	16,97	70,59
Sand	0,250	2,00	35,13	33,22	37,38
	0,180	2,47	32,72	30,94	6,44
	0,125	3,00	5,32	5,03	1,41
	0,090	3,47	0,28	0,26	1,14
	0,075	3,74	0,07	0,07	1,08
	0,063	3,99	0,06	0,06	1,02
	< 0,063	> 3,99	1,08	1,02	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,02
Sand, fine (0,063 mm - 0,200 mm):	14,26
Sand, medium (0,2 mm - 0,6 mm):	76,35
Sand, coarse (0,6 mm - 2 mm):	8,33
Gravel (> 2 mm):	0,04
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,68	0,55
16%	84%	0,47	1,09
25%	75%	0,39	1,35
40%	60%	0,32	1,64
Median 50%	50%	0,29	1,79
75%	25%	0,22	2,17
84%	16%	0,20	2,31
90%	10%	0,19	2,41
95%	5%	0,16	2,61

Moments Statistics

Mean	1,73
Sorting	0,62
Skewness	-0,17
Kurtosis	1,02
Uniformity Coefficient	1,71

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

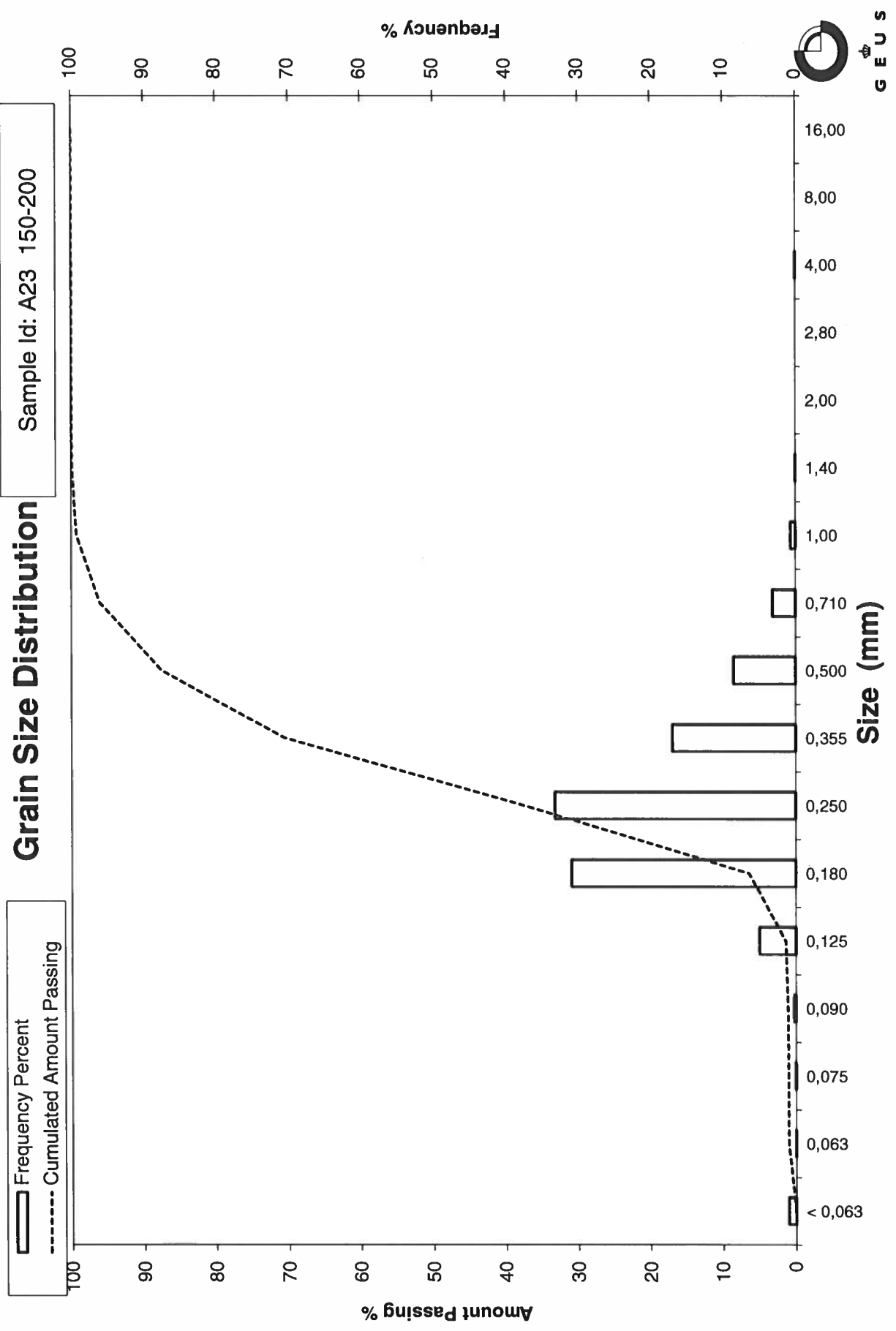
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: A23 300-350
Lab. Id: 220485
Projekt: Energistyrelsen
Subject: A23
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 101,82 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,00	0,00	100,00
	1,40	-0,49	0,01	0,01	99,99
	1,00	0,00	0,35	0,34	99,65
	0,710	0,49	1,60	1,57	98,08
	0,500	1,00	3,91	3,84	94,23
	0,355	1,49	10,34	10,16	84,08
Sand	0,250	2,00	30,81	30,26	53,82
	0,180	2,47	42,50	41,74	12,08
	0,125	3,00	10,00	9,82	2,26
	0,090	3,47	0,63	0,62	1,64
	0,075	3,74	0,09	0,09	1,55
	0,063	3,99	0,16	0,16	1,39
	< 0,063	> 3,99	1,42	1,39	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,39
Sand, fine (0,063 mm - 0,200 mm):	22,61
Sand, medium (0,2 mm - 0,6 mm):	72,06
Sand, coarse (0,6 mm - 2 mm):	3,94
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,54	0,88
16%	84%	0,35	1,50
25%	75%	0,32	1,63
40%	60%	0,27	1,88
Median 50%	50%	0,24	2,04
75%	25%	0,20	2,31
84%	16%	0,19	2,42
90%	10%	0,17	2,57
95%	5%	0,14	2,83

Moments Statistics

Mean	1,98
Sorting	0,53
Skewness	-0,18
Kurtosis	1,17
Uniformity Coefficient	1,61

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

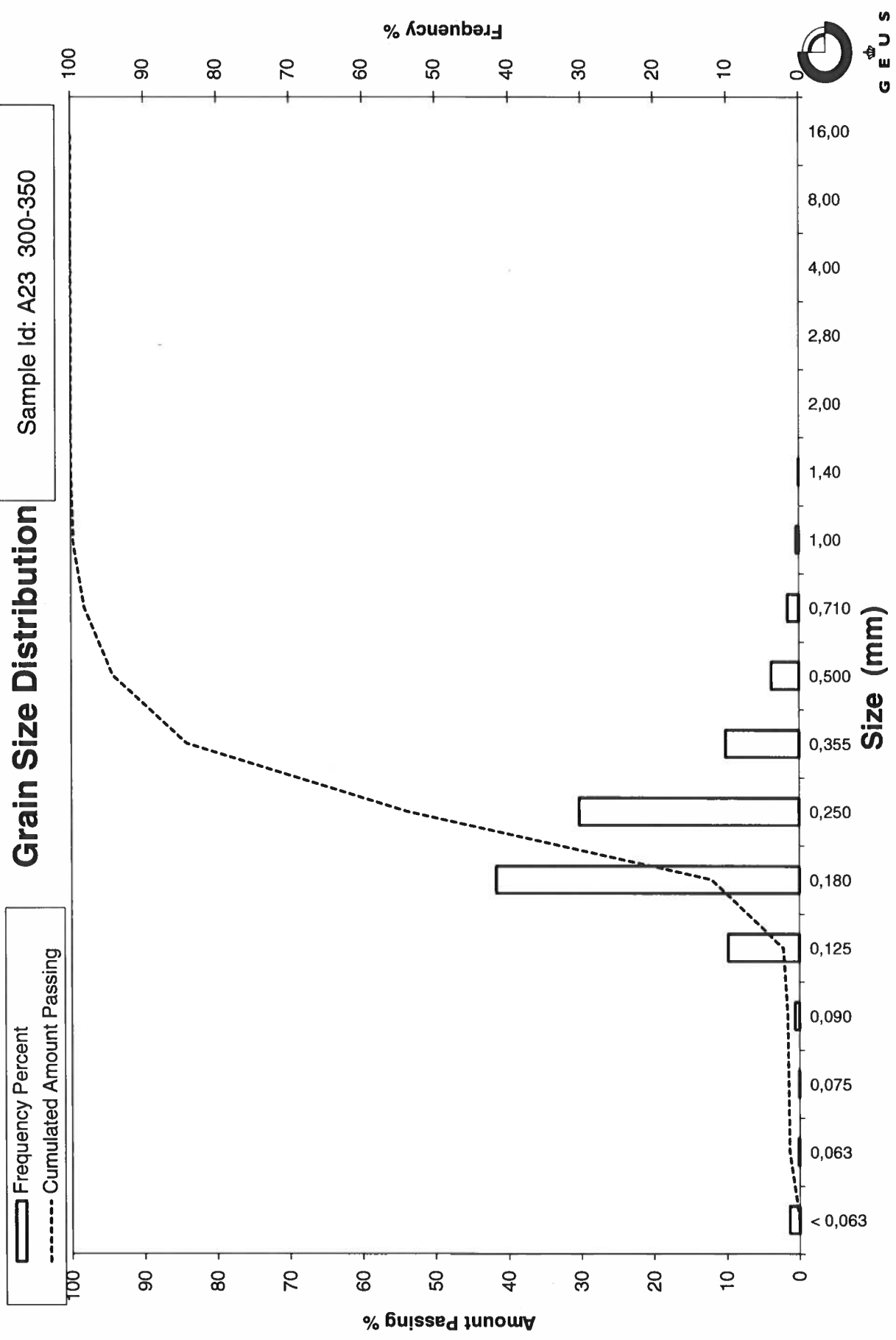
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: A25 0-50
Lab. Id: 220429
Projekt: Energistyrelsen
Subject: A25
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 96,13 g

Size Fractions

Sieve Analysis					
	Gravel		Sand		
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,07	0,07	99,93
	2,00	-1,00	0,56	0,58	99,34
	1,40	-0,49	1,91	1,99	97,36
	1,00	0,00	5,50	5,72	91,64
	0,710	0,49	10,12	10,53	81,11
	0,500	1,00	23,20	24,13	56,97
	0,355	1,49	27,15	28,24	28,73
	0,250	2,00	20,73	21,56	7,17
	0,180	2,47	5,31	5,52	1,64
	0,125	3,00	0,92	0,96	0,69
	0,090	3,47	0,10	0,10	0,58
	0,075	3,74	0,01	0,01	0,57
	0,063	3,99	0,00	0,00	0,57
	< 0,063	> 3,99	0,55	0,57	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,57
Sand, fine (0,063 mm - 0,200 mm):	2,65
Sand, medium (0,2 mm - 0,6 mm):	65,25
Sand, coarse (0,6 mm - 2 mm):	30,88
Gravel (> 2 mm):	0,66
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,24	-0,30
16%	84%	0,79	0,34
25%	75%	0,66	0,61
40%	60%	0,53	0,93
Median 50%	50%	0,46	1,11
75%	25%	0,34	1,57
84%	16%	0,29	1,77
90%	10%	0,26	1,92
95%	5%	0,22	2,17

Moments Statistics

Mean	1,07
Sorting	0,73
Skewness	-0,11
Kurtosis	1,05
Uniformity Coefficient	2,00

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

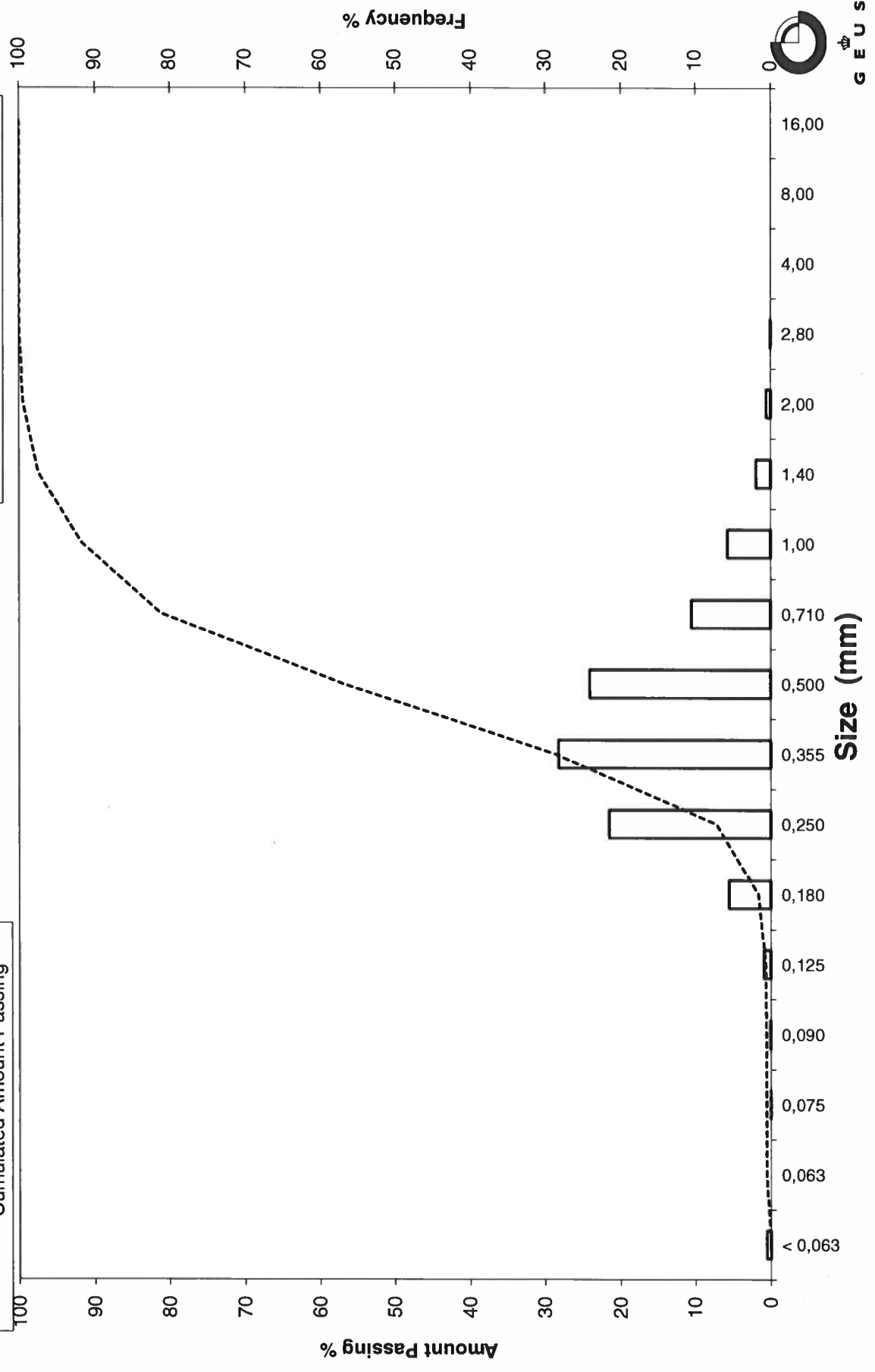
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A25 0-50

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A25 50-100
Lab. Id: 220430
Projekt: Energistyrrelsen
Subject: A25
Date: 13-06-2022
Executed: PS/CRL
Remarks: >4 mm heraf 2,6g skaller



Total Weight 110,36 g

Size Fractions

Sieve Analysis					
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	2,44	2,21	97,79
	4,00	-2,00	0,30	0,27	97,52
	2,80	-1,49	1,28	1,16	96,36
	2,00	-1,00	2,01	1,82	94,54
	1,40	-0,49	2,84	2,57	91,96
	1,00	0,00	6,74	6,11	85,86
	0,710	0,49	10,04	9,10	76,76
	0,500	1,00	18,80	17,04	59,72
	0,355	1,49	29,48	26,71	33,01
	0,250	2,00	26,04	23,60	9,41
	0,180	2,47	7,78	7,05	2,36
	0,125	3,00	1,43	1,30	1,07
	0,090	3,47	0,16	0,14	0,92
	0,075	3,74	0,01	0,01	0,92
	0,063	3,99	0,01	0,01	0,91
	< 0,063	> 3,99	1,00	0,91	0,00
Sand					

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,91
Sand, fine (0,063 mm - 0,200 mm):	3,47
Sand, medium (0,2 mm - 0,6 mm):	63,46
Sand, coarse (0,6 mm - 2 mm):	26,70
Gravel (> 2 mm):	5,46
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	2,20	-1,14
16%	84%	0,94	0,09
25%	75%	0,69	0,54
40%	60%	0,50	0,99
Median 50%	50%	0,45	1,16
75%	25%	0,32	1,65
84%	16%	0,28	1,84
90%	10%	0,25	1,99
95%	5%	0,21	2,28

Moments Statistics

Mean	1,03
Sorting	0,96
Skewness	-0,29
Kurtosis	1,26
Uniformity Coefficient	1,99

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

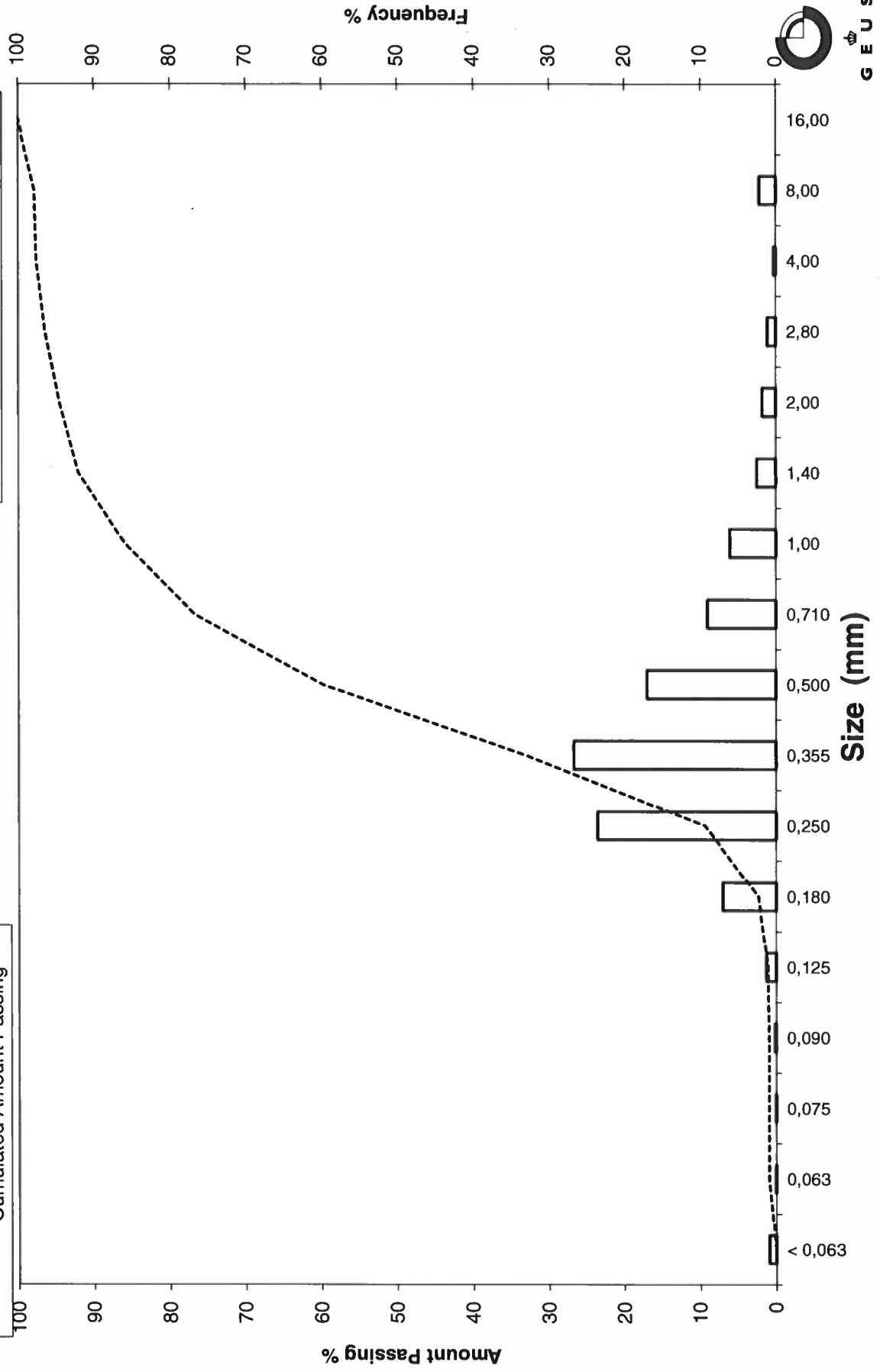
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A25 50-100

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A25 100-150
Lab. Id: 220431
Projekt: Energistyrelsen
Subject: A25
Date: 13-06-2022
Executed: PS/CRL
Remarks: >4 mm heraf 0,4g skaller



Total Weight 99,69 g

Size Fractions

Sieve Analysis					
		Gravel		Sand	
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,33	0,33	99,67
	4,00	-2,00	0,62	0,62	99,05
	2,80	-1,49	2,05	2,06	96,99
	2,00	-1,00	2,04	2,05	94,94
	1,40	-0,49	2,92	2,93	92,02
	1,00	0,00	5,66	5,68	86,34
	0,710	0,49	12,28	12,32	74,02
	0,500	1,00	22,92	22,99	51,03
	0,355	1,49	26,35	26,43	24,60
	0,250	2,00	17,30	17,35	7,24
	0,180	2,47	5,08	5,10	2,15
	0,125	3,00	0,76	0,76	1,38
	0,090	3,47	0,06	0,06	1,32
	0,075	3,74	0,00	0,00	1,32
	0,063	3,99	0,00	0,00	1,32
	< 0.063	> 3.99	1.32	1.32	0.00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,32
Sand, fine (0,063 mm - 0,200 mm):	2,28
Sand, medium (0,2 mm - 0,6 mm):	58,37
Sand, coarse (0,6 mm - 2 mm):	32,97
Gravel (> 2 mm):	5,06
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	2,02	-1,02
16%	84%	0,94	0,08
25%	75%	0,73	0,45
40%	60%	0,58	0,78
Median 50%	50%	0,49	1,02
75%	25%	0,36	1,49
84%	16%	0,30	1,72
90%	10%	0,27	1,91
95%	5%	0,22	2,19

Moments Statistics

Mean	0,94
Sorting	0,90
Skewness	-0,20
Kurtosis	1,27
Uniformity Coefficient	2,18

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

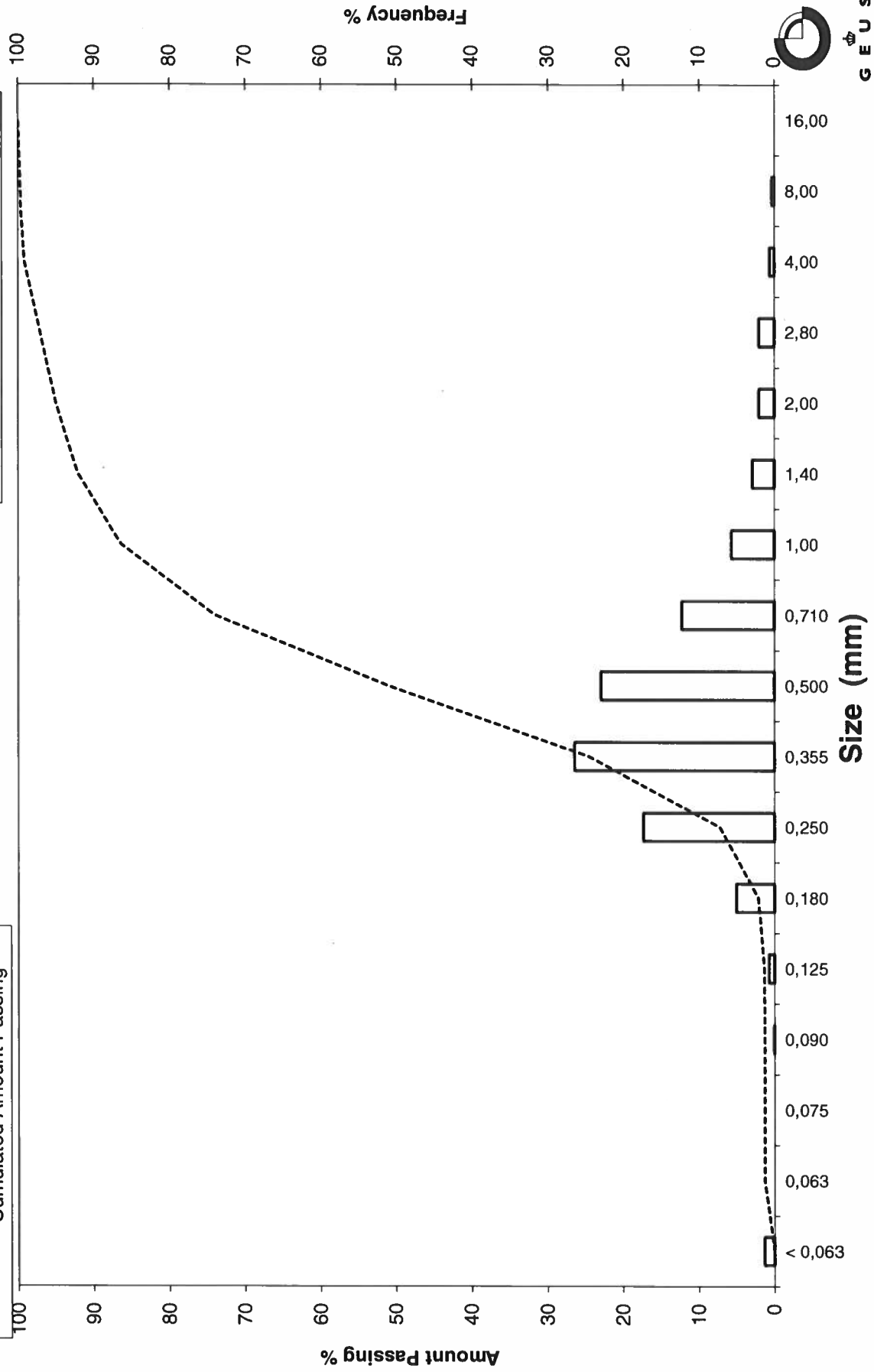
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A25 100-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A25 150-200
Lab. Id: 220432
Projekt: Energistyrelsen
Subject: A25
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 105,28 g

Size Fractions

Sieve Analysis					
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,31	0,29	99,71
	2,80	-1,49	1,00	0,95	98,76
	2,00	-1,00	2,34	2,22	96,53
	1,40	-0,49	4,95	4,70	91,83
Sand	1,00	0,00	7,47	7,10	84,74
	0,710	0,49	13,48	12,80	71,93
	0,500	1,00	24,26	23,04	48,89
	0,355	1,49	25,45	24,17	24,72
	0,250	2,00	17,16	16,30	8,42
	0,180	2,47	7,19	6,83	1,59
	0,125	3,00	0,76	0,72	0,86
	0,090	3,47	0,12	0,11	0,75
	0,075	3,74	0,01	0,01	0,74
	0,063	3,99	0,00	0,00	0,74
	< 0,063	> 3,99	0,78	0,74	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,74
Sand, fine (0,063 mm - 0,200 mm):	2,80
Sand, medium (0,2 mm - 0,6 mm):	56,32
Sand, coarse (0,6 mm - 2 mm):	36,67
Gravel (> 2 mm):	3,47
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,80	-0,85
16%	84%	0,98	0,02
25%	75%	0,78	0,36
40%	60%	0,60	0,73
Median 50%	50%	0,51	0,97
75%	25%	0,36	1,49
84%	16%	0,30	1,74
90%	10%	0,26	1,94
95%	5%	0,21	2,22

Moments Statistics

Mean	0,91
Sorting	0,89
Skewness	-0,14
Kurtosis	1,12
Uniformity Coefficient	2,31

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

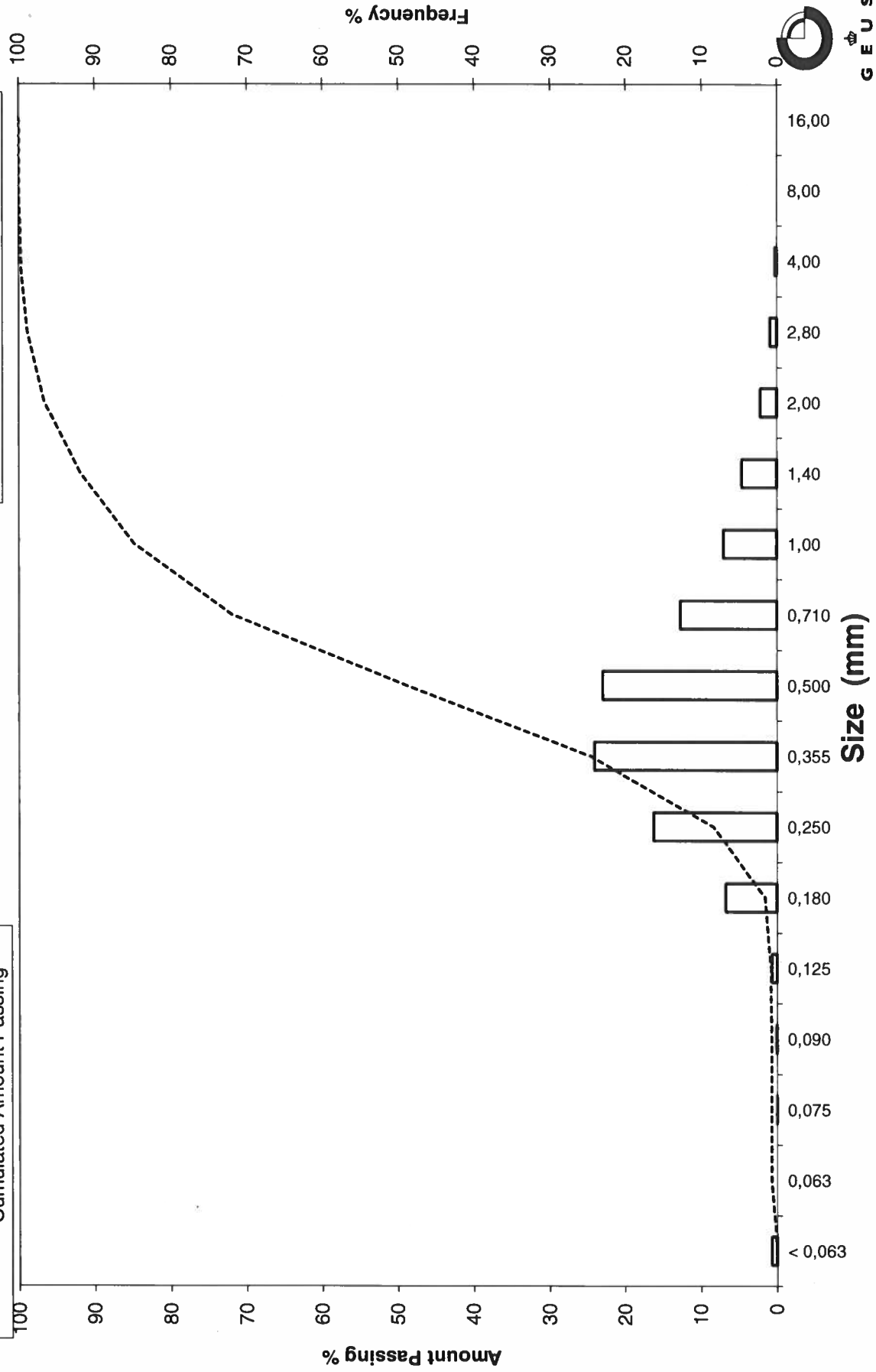
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A25 150-200

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A25 200-250
Lab. Id: 220433
Projekt: Energistyrelsen
Subject: A25
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 109,65 g

Size Fractions

Sieve Analysis					
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,42	0,38	99,62
	2,00	-1,00	1,34	1,22	98,39
	1,40	-0,49	3,80	3,47	94,93
Sand	1,00	0,00	7,39	6,74	88,19
	0,710	0,49	12,91	11,78	76,41
	0,500	1,00	23,82	21,72	54,69
	0,355	1,49	28,90	26,36	28,33
	0,250	2,00	21,11	19,25	9,08
	0,180	2,47	8,36	7,62	1,46
	0,125	3,00	0,61	0,56	0,90
	0,090	3,47	0,05	0,05	0,85
	0,075	3,74	0,00	0,00	0,85
	0,063	3,99	0,02	0,02	0,84
	< 0,063	> 3,99	0,92	0,84	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,84
Sand, fine (0,063 mm - 0,200 mm):	2,80
Sand, medium (0,2 mm - 0,6 mm):	61,40
Sand, coarse (0,6 mm - 2 mm):	33,36
Gravel (> 2 mm):	1,61
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,41	-0,50
16%	84%	0,90	0,16
25%	75%	0,70	0,52
40%	60%	0,55	0,86
Median 50%	50%	0,47	1,08
75%	25%	0,34	1,57
84%	16%	0,29	1,80
90%	10%	0,26	1,97
95%	5%	0,21	2,23

Moments Statistics

Mean	1,01
Sorting	0,82
Skewness	-0,14
Kurtosis	1,07
Uniformity Coefficient	2,16

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

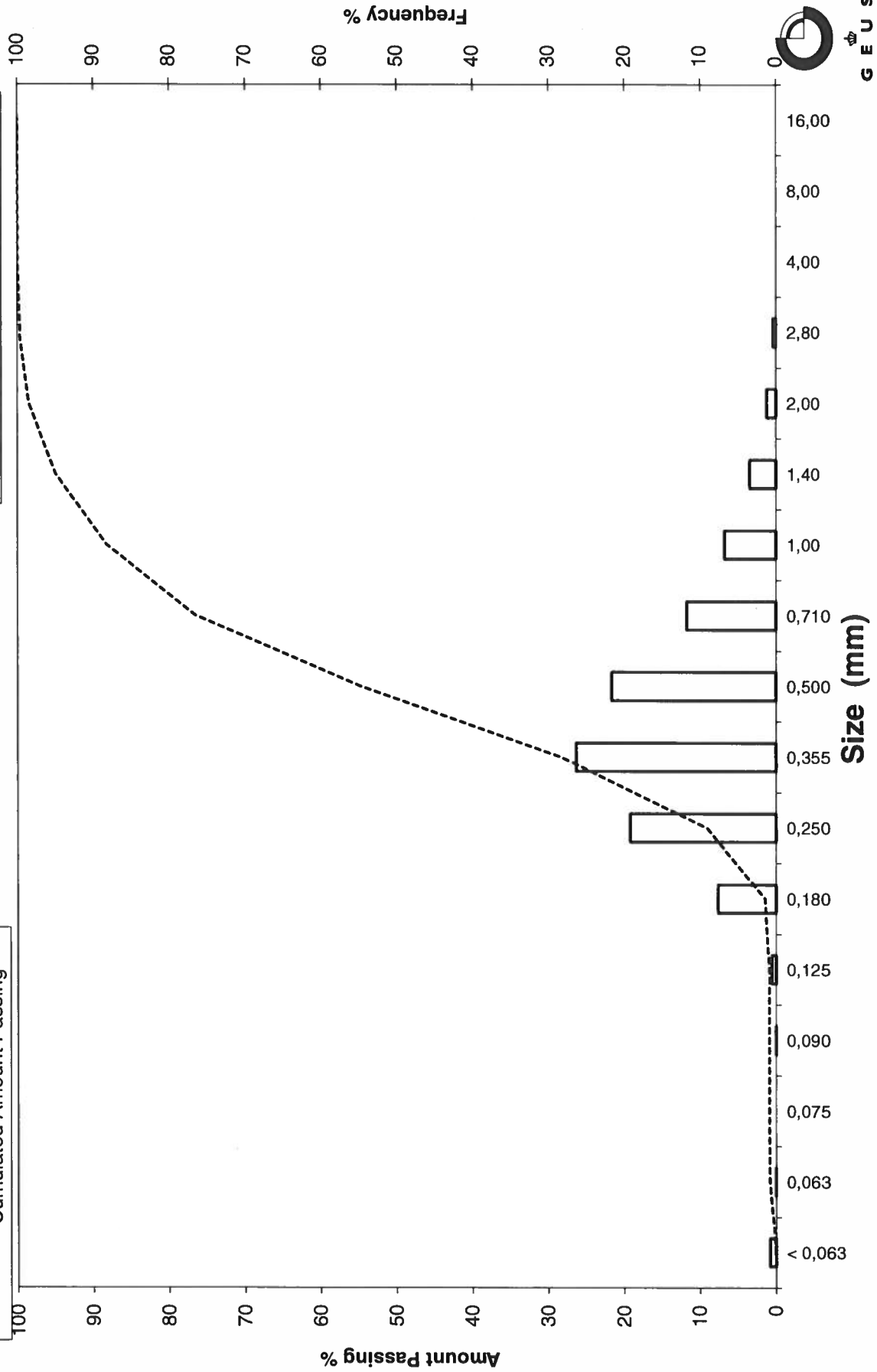
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A25 200-250

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A25 250-300
Lab. Id: 220434
Projekt: Energistyrelsen
Subject: A25
Date: 13-06-2022
Executed: PS/CRL
Remarks: >4mm heraf 0,1g skaller



Total Weight 105,3 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,14	0,13	99,87
	2,80	-1,49	0,18	0,17	99,70
	2,00	-1,00	1,06	1,01	98,69
	1,40	-0,49	2,66	2,53	96,16
	1,00	0,00	5,88	5,58	90,58
	0,710	0,49	11,81	11,22	79,36
	0,500	1,00	22,01	20,90	58,46
	0,355	1,49	29,12	27,65	30,81
Sand	0,250	2,00	22,70	21,56	9,25
	0,180	2,47	7,67	7,28	1,97
	0,125	3,00	1,20	1,14	0,83
	0,090	3,47	0,08	0,08	0,75
	0,075	3,74	0,00	0,00	0,75
	0,063	3,99	0,00	0,00	0,75
	< 0,063	> 3,99	0,79	0,75	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,75
Sand, fine (0,063 mm - 0,200 mm):	3,30
Sand, medium (0,2 mm - 0,6 mm):	64,37
Sand, coarse (0,6 mm - 2 mm):	30,27
Gravel (> 2 mm):	1,31
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,32	-0,40
16%	84%	0,83	0,27
25%	75%	0,67	0,59
40%	60%	0,52	0,96
Median 50%	50%	0,46	1,13
75%	25%	0,33	1,61
84%	16%	0,28	1,82
90%	10%	0,25	1,98
95%	5%	0,21	2,26

Moments Statistics

Mean	1,07
Sorting	0,79
Skewness	-0,13
Kurtosis	1,06
Uniformity Coefficient	2,03

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)
 Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)
 Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)
 Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)
 Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgt-Bulletin 1988)

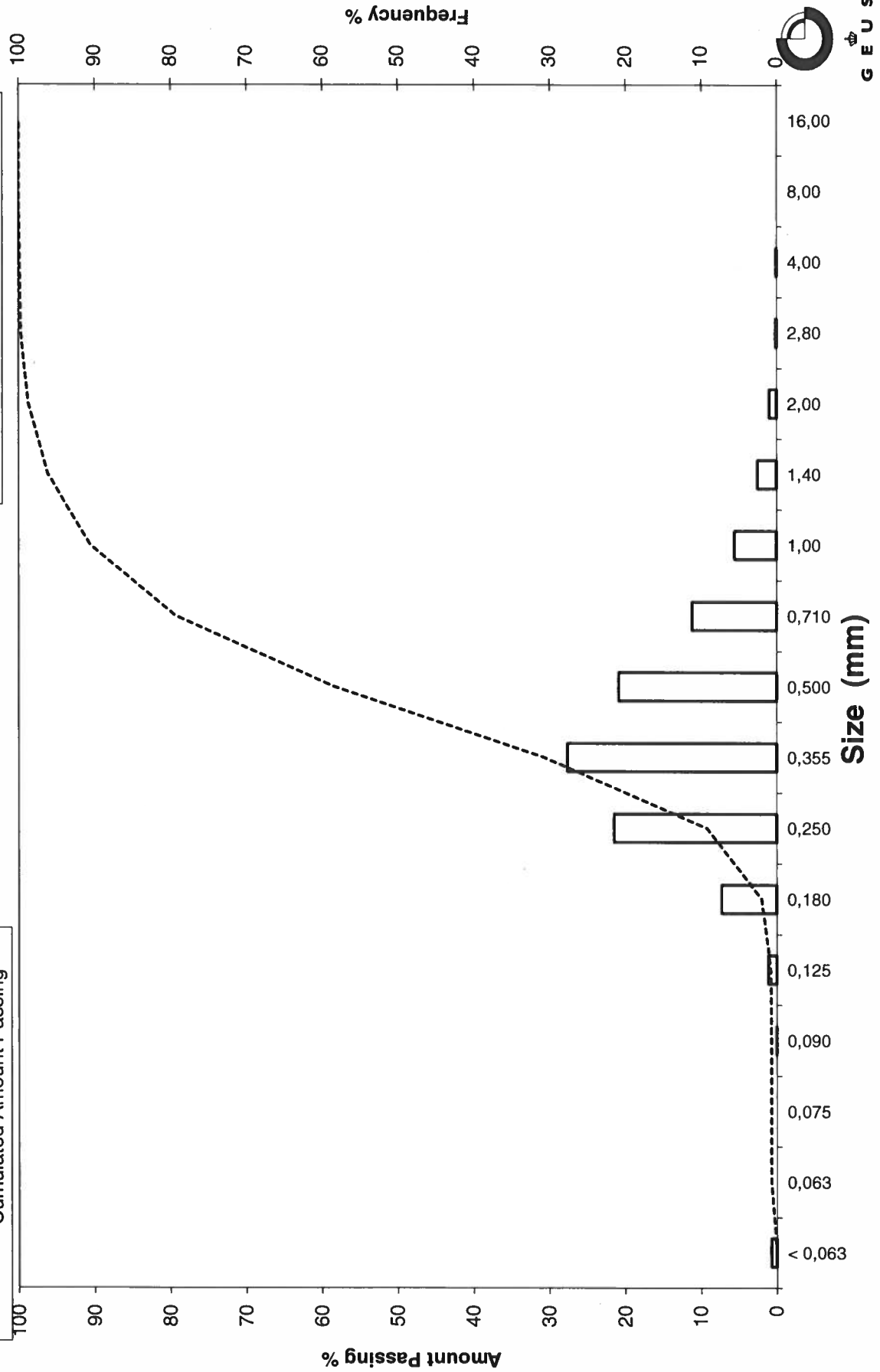
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A25 250-300

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A25 350-400
Lab. Id: 220435
Projekt: Energistyrrelsen
Subject: A25
Date: 13-06-2022
Executed: PS/CRL
Remarks: >8mm består af skaller



Total Weight 101,74 g

Size Fractions

Sieve Analysis						
		Size	Size	Weight	Weight	Cumulated amount passing
		mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00	
	8,00	-3,00	0,17	0,17	99,83	
	4,00	-2,00	0,22	0,22	99,62	
	2,80	-1,49	0,17	0,17	99,45	
	2,00	-1,00	0,34	0,33	99,12	
	1,40	-0,49	0,44	0,43	98,68	
	1,00	0,00	2,59	2,55	96,14	
	0,710	0,49	6,36	6,25	89,89	
	0,500	1,00	15,10	14,84	75,04	
	0,355	1,49	26,77	26,31	48,73	
	0,250	2,00	32,56	32,00	16,73	
	0,180	2,47	13,52	13,29	3,44	
	0,125	3,00	2,19	2,15	1,29	
	0,090	3,47	0,15	0,15	1,14	
	0,075	3,74	0,00	0,00	1,14	
	0,063	3,99	0,00	0,00	1,14	
	< 0,063	> 3,99	1,16	1,14	0,00	
		Sand				

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,14
Sand, fine (0,063 mm - 0,200 mm):	6,10
Sand, medium (0,2 mm - 0,6 mm):	74,87
Sand, coarse (0,6 mm - 2 mm):	17,00
Gravel (> 2 mm):	0,88
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,95	0,08
16%	84%	0,63	0,67
25%	75%	0,50	1,00
40%	60%	0,42	1,26
Median 50%	50%	0,36	1,47
75%	25%	0,28	1,85
84%	16%	0,25	2,02
90%	10%	0,21	2,22
95%	5%	0,19	2,41

Moments Statistics

Mean	1,39
Sorting	0,69
Skewness	-0,18
Kurtosis	1,12
Uniformity Coefficient	1,94

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

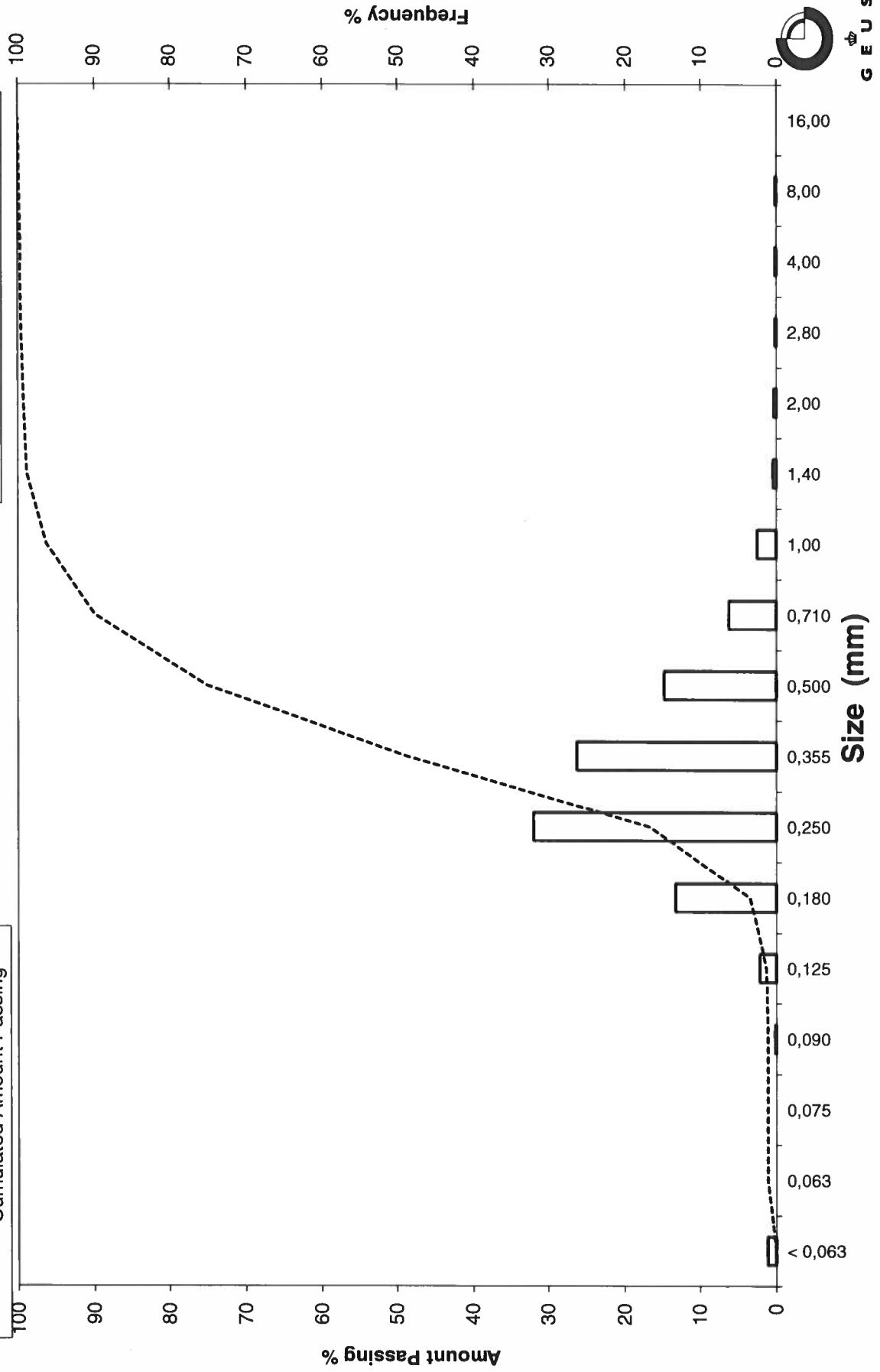
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A25 350-400

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A25 450-500
Lab. Id: 220436
Projekt: Energistyrelsen
Subject: A25
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 107,07 g

Size Fractions

Sieve Analysis					
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,23	0,21	99,79
Sand	1,40	-0,49	0,93	0,87	98,92
	1,00	0,00	2,94	2,75	96,17
	0,710	0,49	6,56	6,13	90,04
	0,500	1,00	17,68	16,51	73,53
	0,355	1,49	27,06	25,27	48,26
	0,250	2,00	32,47	30,33	17,93
	0,180	2,47	14,42	13,47	4,46
	0,125	3,00	3,28	3,06	1,40
	0,090	3,47	0,28	0,26	1,14
	0,075	3,74	0,03	0,03	1,11
	0,063	3,99	0,02	0,02	1,09
	< 0,063	> 3,99	1,17	1,09	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,09
Sand, fine (0,063 mm - 0,200 mm):	7,22
Sand, medium (0,2 mm - 0,6 mm):	73,08
Sand, coarse (0,6 mm - 2 mm):	18,39
Gravel (> 2 mm):	0,21
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,94	0,08
16%	84%	0,63	0,66
25%	75%	0,52	0,95
40%	60%	0,42	1,24
Median 50%	50%	0,36	1,45
75%	25%	0,27	1,87
84%	16%	0,24	2,06
90%	10%	0,21	2,26
95%	5%	0,18	2,45

Moments Statistics

Mean	1,39
Sorting	0,71
Skewness	-0,15
Kurtosis	1,06
Uniformity Coefficient	2,02

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgt-Bulletin 1988)

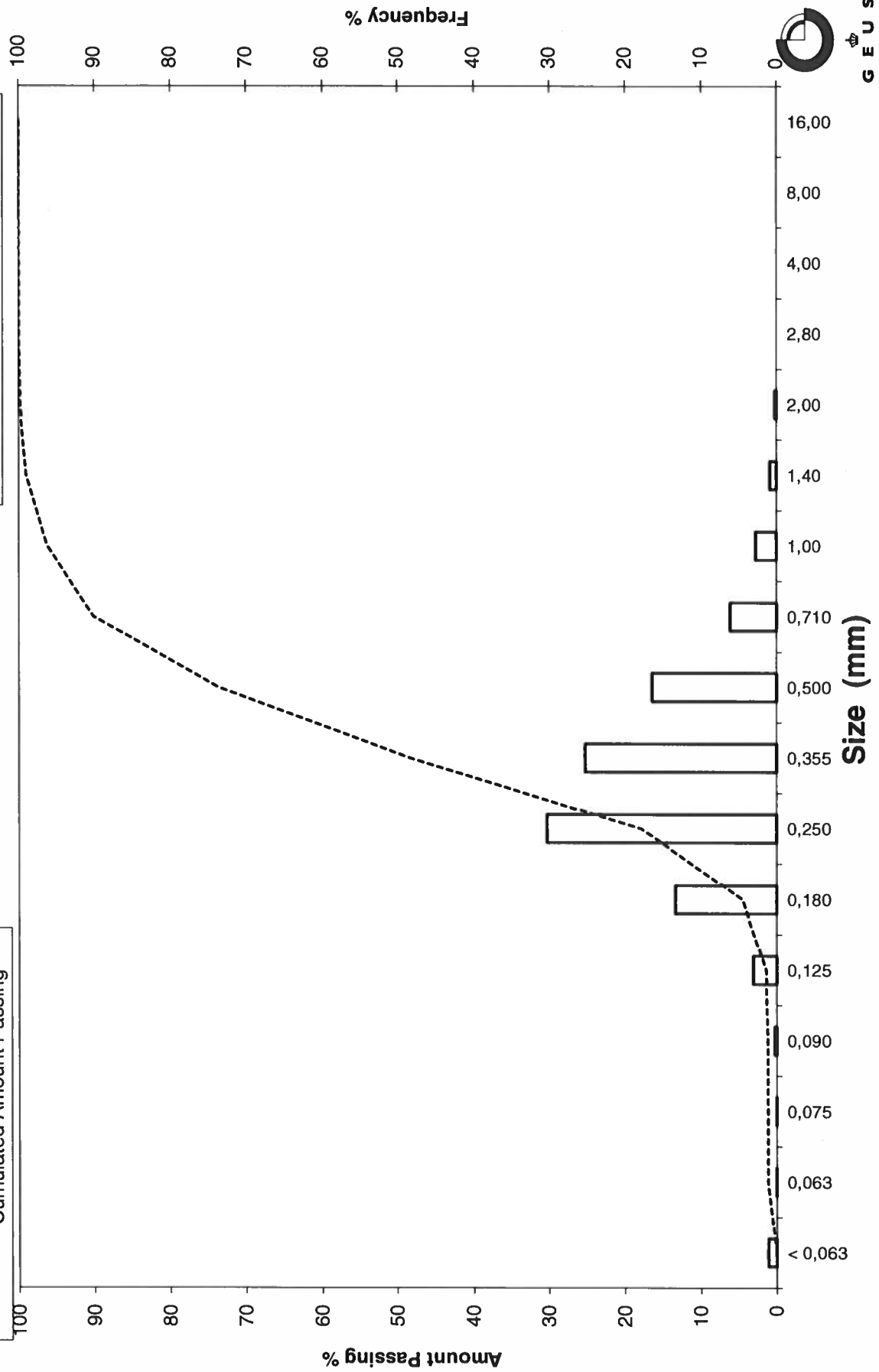
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A25 450-500

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A29 0-50
Lab. Id: 220555
Projekt: Energistyrelsen
Subject: A29
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 103,59 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,00	0,00	100,00
	1,40	-0,49	0,10	0,10	99,90
	1,00	0,00	1,27	1,23	98,68
	0,710	0,49	5,74	5,54	93,14
	0,500	1,00	13,75	13,27	79,86
	0,355	1,49	18,32	17,69	62,18
Sand	0,250	2,00	27,86	26,89	35,28
	0,180	2,47	22,16	21,39	13,89
	0,125	3,00	12,23	11,81	2,09
	0,090	3,47	0,95	0,92	1,17
	0,075	3,74	0,10	0,10	1,07
	0,063	3,99	0,13	0,13	0,95
	< 0,063	> 3,99	0,98	0,95	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,95
Sand, fine (0,063 mm - 0,200 mm):	19,06
Sand, medium (0,2 mm - 0,6 mm):	66,18
Sand, coarse (0,6 mm - 2 mm):	13,82
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,81	0,31
16%	84%	0,57	0,82
25%	75%	0,46	1,12
40%	60%	0,35	1,53
Median 50%	50%	0,31	1,70
75%	25%	0,22	2,21
84%	16%	0,19	2,42
90%	10%	0,16	2,63
95%	5%	0,14	2,85

Moments Statistics

Mean	1,65
Sorting	0,78
Skewness	-0,10
Kurtosis	0,96
Uniformity Coefficient	2,14

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

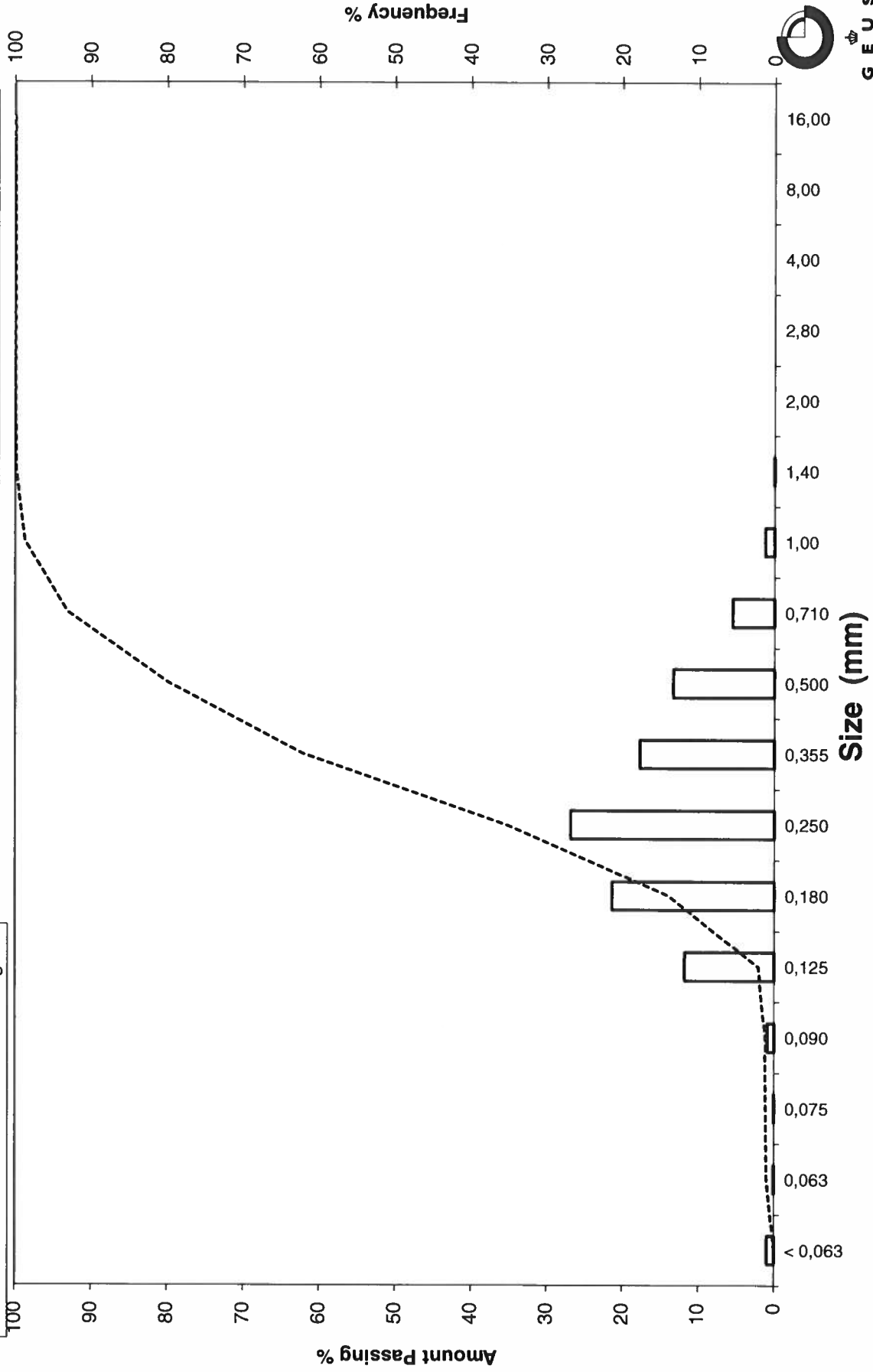
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A29 0-50

Frequency Percent
Cumulated Amount Passing



G E U S

Grain Size Distribution

Geotechnical

Sample Id: A29 100-150
Lab. Id: 220556
Projekt Energistyrrelsen
Subject: A29
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 102,68 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,03	0,03	99,97
1,00	0,00	0,38	0,37	99,60
0,710	0,49	4,19	4,08	95,52
0,500	1,00	8,95	8,72	86,80
0,355	1,49	18,90	18,41	68,40
0,250	2,00	32,21	31,37	37,03
0,180	2,47	26,38	25,69	11,34
0,125	3,00	9,07	8,83	2,50
0,090	3,47	0,98	0,95	1,55
0,075	3,74	0,03	0,03	1,52
0,063	3,99	0,08	0,08	1,44
< 0,063	> 3,99	1,48	1,44	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,44
Sand, fine (0,063 mm - 0,200 mm):	17,24
Sand, medium (0,2 mm - 0,6 mm):	72,28
Sand, coarse (0,6 mm - 2 mm):	9,05
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,70	0,52
16%	84%	0,48	1,07
25%	75%	0,41	1,30
40%	60%	0,33	1,61
Median 50%	50%	0,29	1,77
75%	25%	0,22	2,20
84%	16%	0,19	2,38
90%	10%	0,17	2,54
95%	5%	0,14	2,83

Moments Statistics

Mean	1,74
Sorting	0,68
Skewness	-0,08
Kurtosis	1,05
Uniformity Coefficient	1,90

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

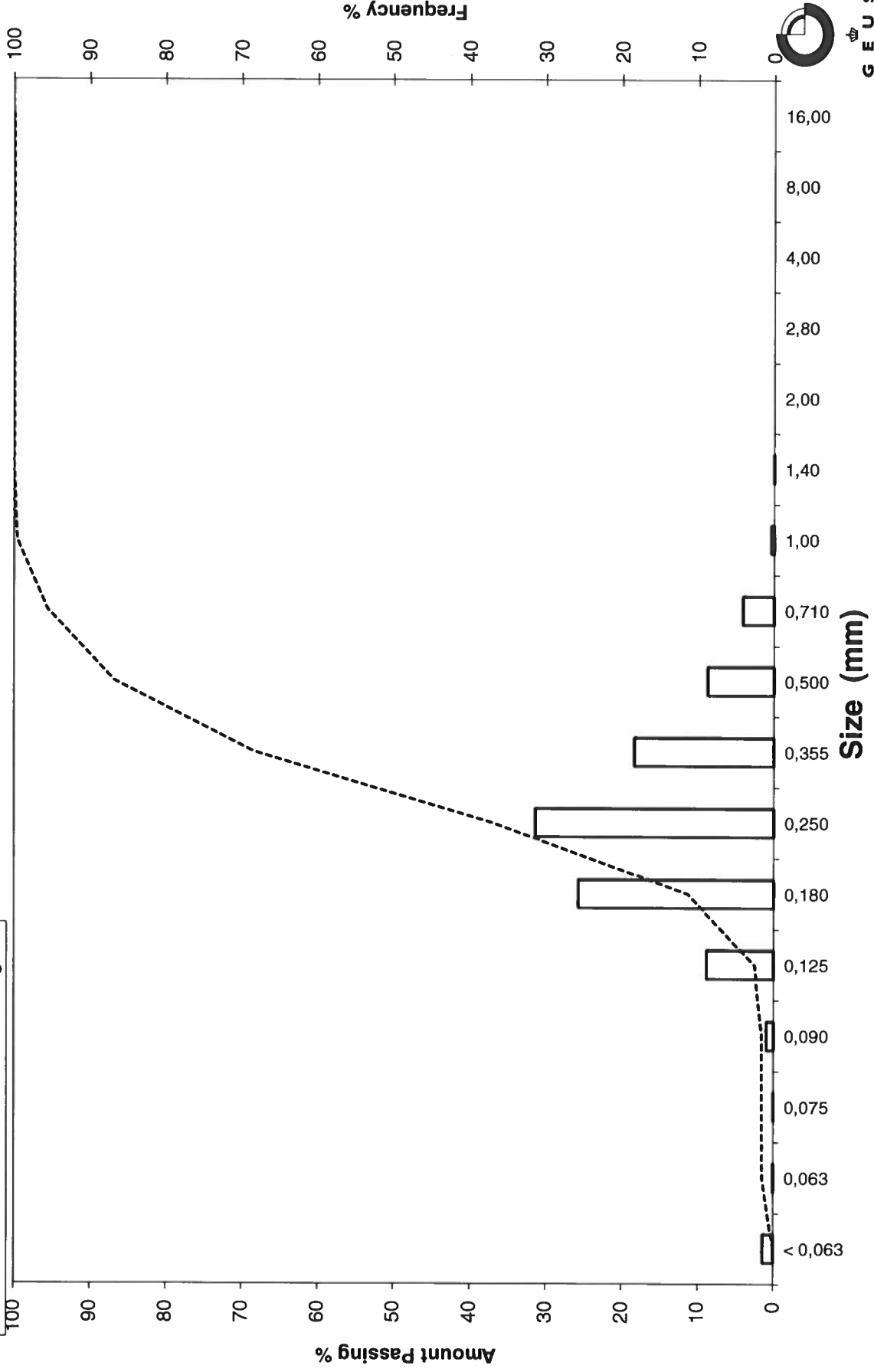
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A29 100-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A29 200-250
Lab. Id: 220557
Projekt Energistyrelsen
Subject: A29
Date: 02-09-2022
Executed: PS/CRL
Remarks: >4mm heraf 0,15g skaller



Total Weight 135,44 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,44	0,32	99,68
2,80	-1,49	0,55	0,41	99,27
2,00	-1,00	2,56	1,89	97,38
1,40	-0,49	5,37	3,96	93,41
1,00	0,00	12,46	9,20	84,21
0,710	0,49	17,28	12,76	71,46
0,500	1,00	20,58	15,19	56,26
0,355	1,49	19,24	14,21	42,06
0,250	2,00	27,30	20,16	21,90
0,180	2,47	18,15	13,40	8,50
0,125	3,00	9,16	6,76	1,74
0,090	3,47	0,88	0,65	1,09
0,075	3,74	0,06	0,04	1,04
0,063	3,99	0,00	0,00	1,04
< 0,063	> 3,99	1,41	1,04	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,04
Sand, fine (0,063 mm - 0,200 mm):	11,29
Sand, medium (0,2 mm - 0,6 mm):	51,17
Sand, coarse (0,6 mm - 2 mm):	33,88
Gravel (> 2 mm):	2,62
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,64	-0,71
16%	84%	1,00	0,01
25%	75%	0,79	0,34
40%	60%	0,55	0,86
Median 50%	50%	0,44	1,20
75%	25%	0,27	1,91
84%	16%	0,22	2,19
90%	10%	0,19	2,41
95%	5%	0,15	2,72

Moments Statistics

Mean	1,13
Sorting	1,07
Skewness	-0,10
Kurtosis	0,90
Uniformity Coefficient	2,94

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

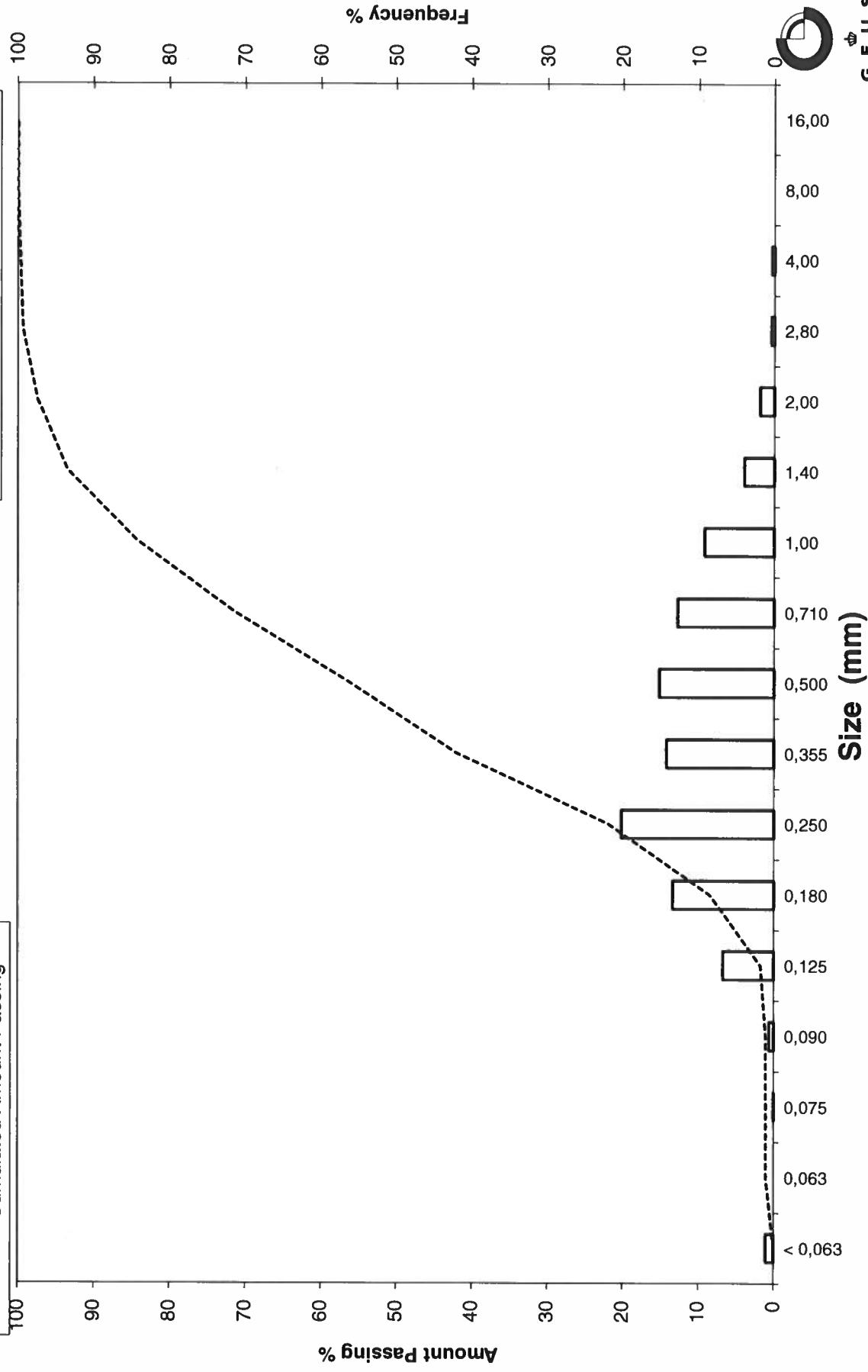
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A29 200-250

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A29 290-320
Lab. Id: 220558
Projekt: Energistyrelsen
Subject: A29
Date: 02-09-2022
Executed: PS/CRL
Remarks: >4mm består af skaller



Total Weight 114,81 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,05	0,04	99,96
2,80	-1,49	0,14	0,12	99,83
2,00	-1,00	0,63	0,55	99,29
1,40	-0,49	1,54	1,34	97,94
1,00	0,00	3,78	3,29	94,65
0,710	0,49	8,17	7,12	87,54
0,500	1,00	10,50	9,15	78,39
0,355	1,49	17,35	15,11	63,28
0,250	2,00	30,53	26,59	36,69
0,180	2,47	27,38	23,85	12,84
0,125	3,00	11,47	9,99	2,85
0,090	3,47	1,81	1,58	1,27
0,075	3,74	0,08	0,07	1,20
0,063	3,99	0,07	0,06	1,14
< 0,063	> 3,99	1,31	1,14	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,14
Sand, fine (0,063 mm - 0,200 mm):	18,51
Sand, medium (0,2 mm - 0,6 mm):	63,09
Sand, coarse (0,6 mm - 2 mm):	16,54
Gravel (> 2 mm):	0,71
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,04	-0,06
16%	84%	0,63	0,67
25%	75%	0,47	1,10
40%	60%	0,34	1,55
Median 50%	50%	0,30	1,72
75%	25%	0,22	2,21
84%	16%	0,19	2,40
90%	10%	0,16	2,60
95%	5%	0,14	2,87

Moments Statistics

Mean	1,60
Sorting	0,88
Skewness	-0,22
Kurtosis	1,08
Uniformity Coefficient	2,08

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

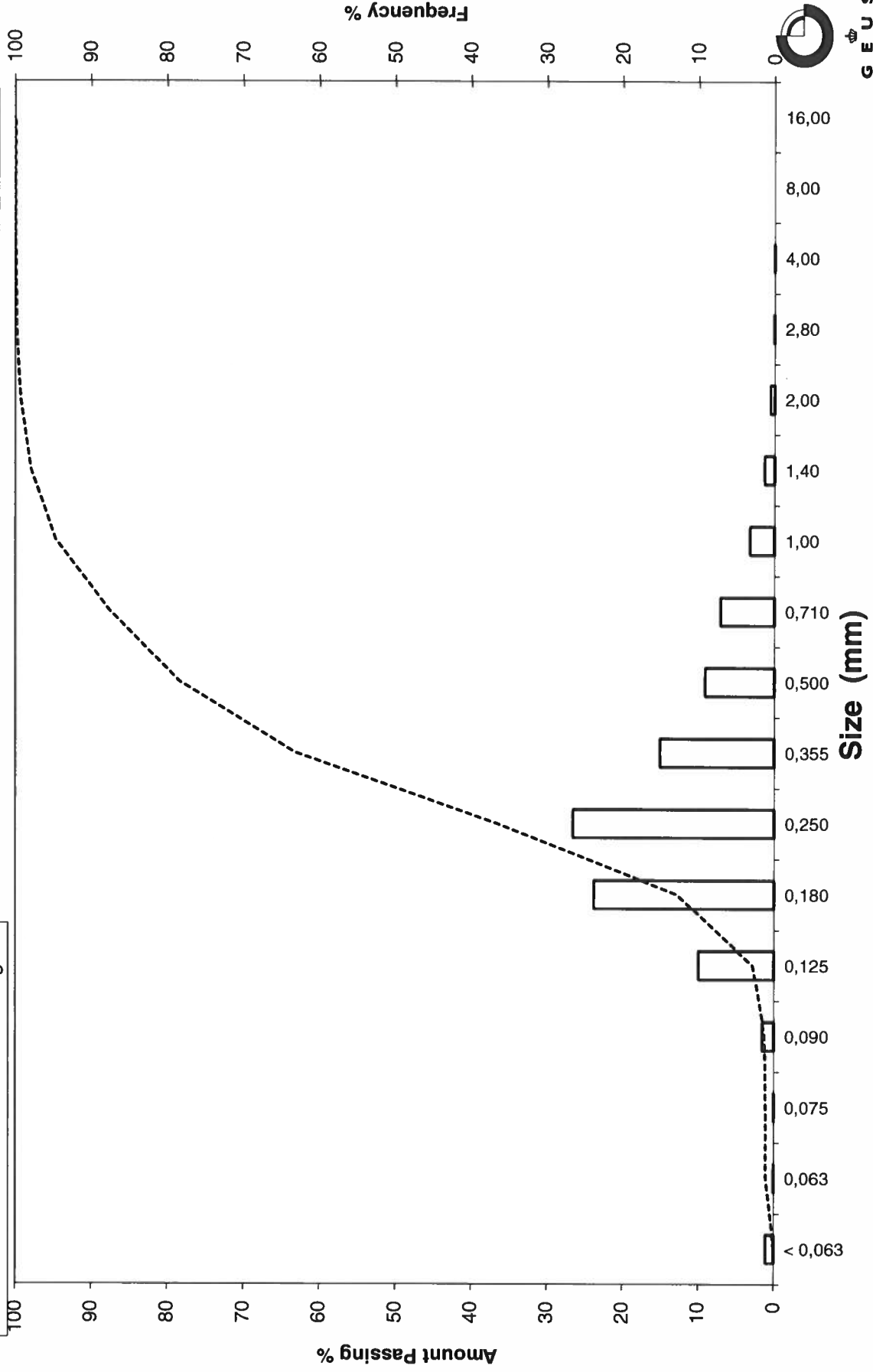
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A29 290-320

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A29 400-450
Lab. Id: 220559
Projekt: Energistyrelsen
Subject: A29
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 94,61 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,03	0,03	99,97
2,00	-1,00	0,06	0,06	99,90
1,40	-0,49	0,05	0,05	99,85
1,00	0,00	0,27	0,29	99,57
0,710	0,49	0,60	0,63	98,93
0,500	1,00	1,51	1,60	97,34
0,355	1,49	2,96	3,13	94,21
0,250	2,00	7,62	8,05	86,15
0,180	2,47	14,87	15,72	70,44
0,125	3,00	42,98	45,43	25,01
0,090	3,47	16,20	17,12	7,89
0,075	3,74	1,15	1,22	6,67
0,063	3,99	0,71	0,75	5,92
< 0,063	> 3,99	5,60	5,92	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	5,92
Sand, fine (0,063 mm - 0,200 mm):	69,01
Sand, medium (0,2 mm - 0,6 mm):	23,17
Sand, coarse (0,6 mm - 2 mm):	1,81
Gravel (> 2 mm):	0,10
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,39	1,35
16%	84%	0,24	2,06
25%	75%	0,20	2,32
40%	60%	0,17	2,58
Median 50%	50%	0,16	2,69
75%	25%	0,12	3,00
84%	16%	0,11	3,23
90%	10%	0,09	3,41
95%	5%	-----	-----

Moments Statistics

Mean	2,66
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	1,77

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

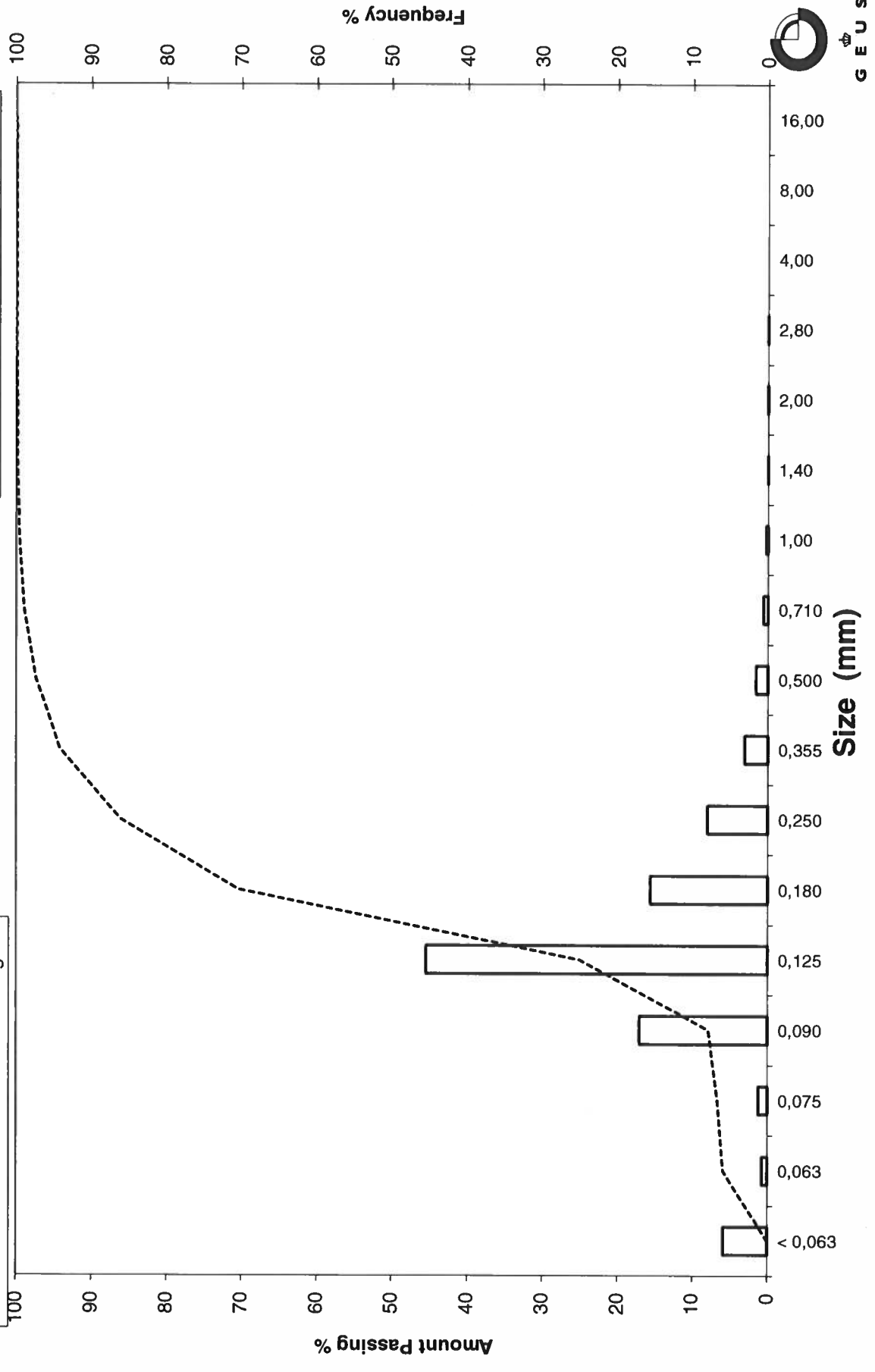
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A29 400-450

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A31 0-50
Lab. Id: 220560
Projekt: Energistyrelsen
Subject: A31
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 104,29 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,17	0,16	99,84
1,40	-0,49	0,18	0,17	99,66
1,00	0,00	1,52	1,46	98,21
0,710	0,49	7,84	7,52	90,69
0,500	1,00	19,10	18,31	72,38
0,355	1,49	27,13	26,01	46,36
0,250	2,00	28,62	27,44	18,92
0,180	2,47	15,16	14,54	4,38
0,125	3,00	3,23	3,10	1,28
0,090	3,47	0,30	0,29	1,00
0,075	3,74	0,00	0,00	1,00
0,063	3,99	0,00	0,00	1,00
< 0,063	> 3,99	1,04	1,00	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,00
Sand, fine (0,063 mm - 0,200 mm):	7,54
Sand, medium (0,2 mm - 0,6 mm):	72,56
Sand, coarse (0,6 mm - 2 mm):	18,74
Gravel (> 2 mm):	0,16
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,88	0,19
16%	84%	0,63	0,66
25%	75%	0,53	0,92
40%	60%	0,43	1,21
Median 50%	50%	0,38	1,41
75%	25%	0,27	1,87
84%	16%	0,24	2,08
90%	10%	0,21	2,27
95%	5%	0,18	2,45

Moments Statistics

Mean	1,39
Sorting	0,70
Skewness	-0,07
Kurtosis	0,97
Uniformity Coefficient	2,08

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

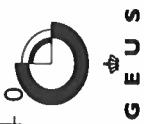
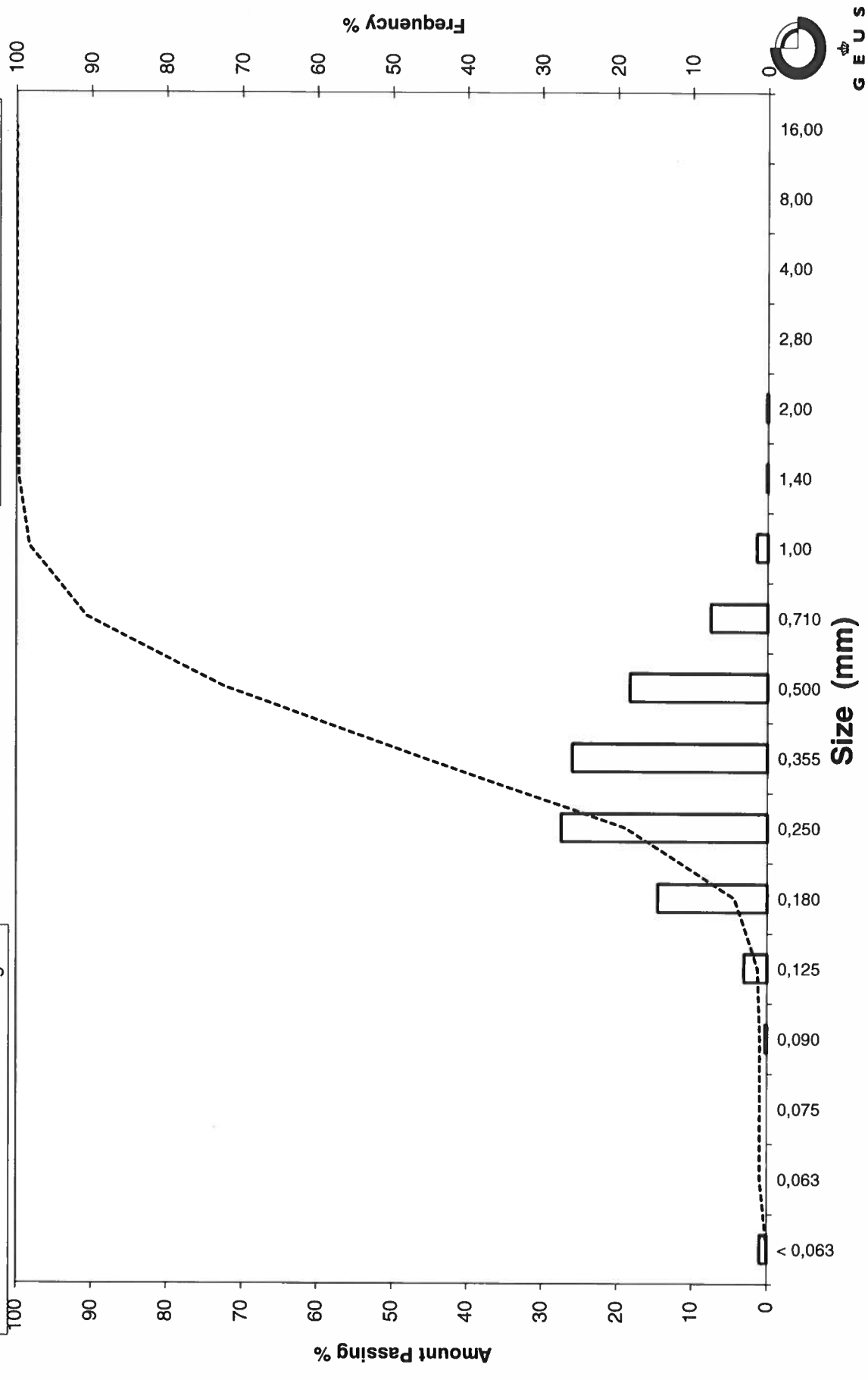
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A31 0-50

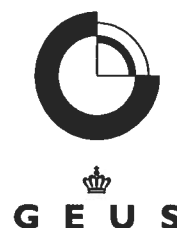
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A31 100-150
Lab. Id: 220561
Projekt: Energistyrelsen
Subject: A31
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 105,7 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,21	0,20	99,80
	1,40	-0,49	0,51	0,48	99,32
	1,00	0,00	2,86	2,71	96,61
	0,710	0,49	8,29	7,84	88,77
	0,500	1,00	19,40	18,35	70,42
	0,355	1,49	20,13	19,04	51,37
Sand	0,250	2,00	27,05	25,59	25,78
	0,180	2,47	16,87	15,96	9,82
	0,125	3,00	8,09	7,65	2,17
	0,090	3,47	0,77	0,73	1,44
	0,075	3,74	0,07	0,07	1,37
	0,063	3,99	0,07	0,07	1,31
	< 0,063	> 3,99	1,38	1,31	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,31
Sand, fine (0,063 mm - 0,200 mm):	13,07
Sand, medium (0,2 mm - 0,6 mm):	64,78
Sand, coarse (0,6 mm - 2 mm):	20,65
Gravel (> 2 mm):	0,20
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,94	0,09
16%	84%	0,66	0,61
25%	75%	0,55	0,86
40%	60%	0,42	1,25
Median 50%	50%	0,35	1,52
75%	25%	0,25	2,02
84%	16%	0,21	2,27
90%	10%	0,18	2,47
95%	5%	0,15	2,78

Moments Statistics

Mean	1,47
Sorting	0,82
Skewness	-0,08
Kurtosis	0,95
Uniformity Coefficient	2,33

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

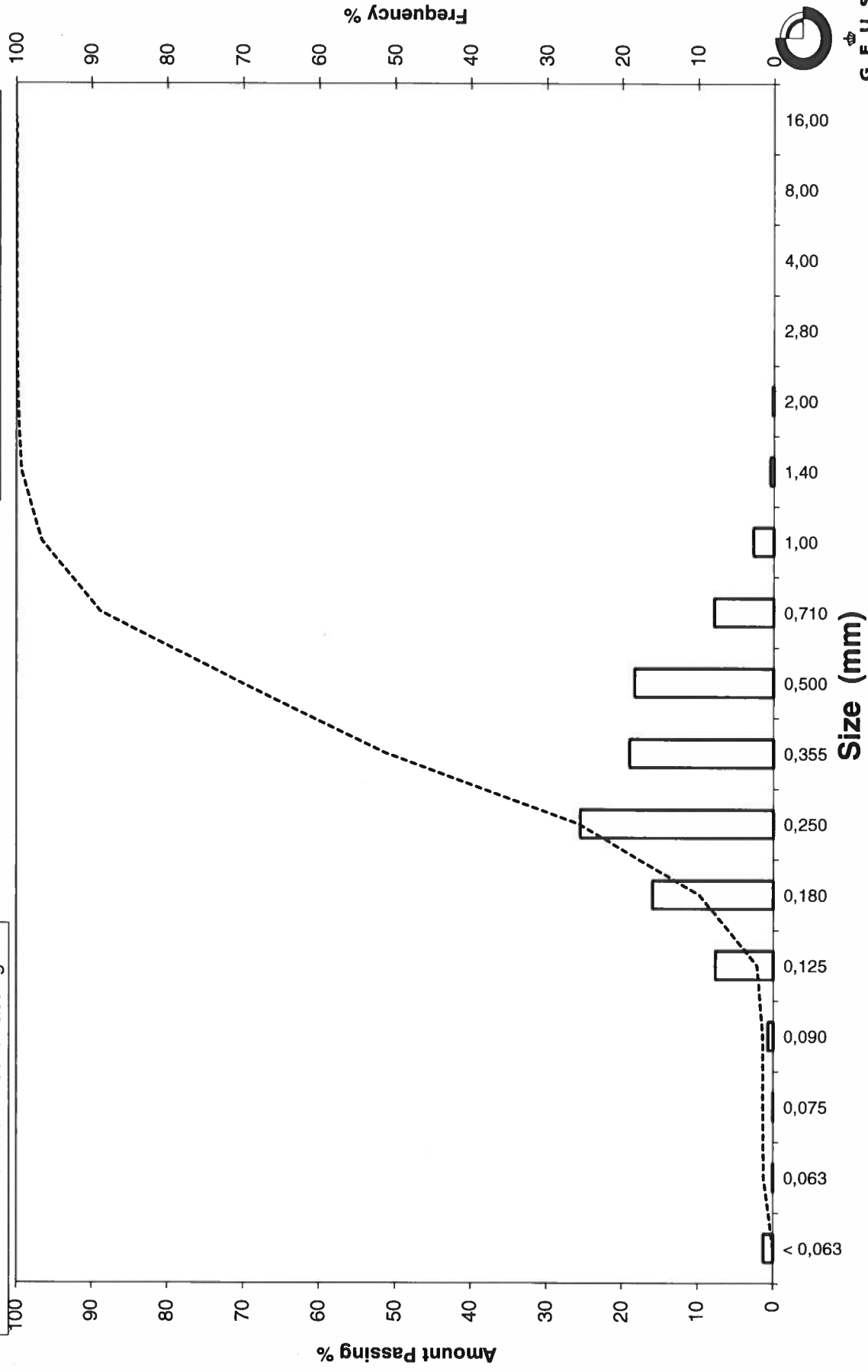
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A31 100-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A31 200-250
Lab. Id: 220562
Projekt Energistyrelsen
Subject: A31
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 103,9 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,05	0,05	99,95
2,00	-1,00	0,08	0,08	99,87
1,40	-0,49	0,33	0,32	99,56
1,00	0,00	1,36	1,31	98,25
0,710	0,49	4,95	4,76	93,48
0,500	1,00	12,43	11,96	81,52
0,355	1,49	22,26	21,42	60,10
0,250	2,00	33,23	31,98	28,11
0,180	2,47	22,28	21,44	6,67
0,125	3,00	5,14	4,95	1,72
0,090	3,47	0,49	0,47	1,25
0,075	3,74	0,01	0,01	1,24
0,063	3,99	0,04	0,04	1,20
< 0,063	> 3,99	1,25	1,20	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,20
Sand, fine (0,063 mm - 0,200 mm):	11,59
Sand, medium (0,2 mm - 0,6 mm):	74,42
Sand, coarse (0,6 mm - 2 mm):	12,66
Gravel (> 2 mm):	0,13
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,80	0,32
16%	84%	0,54	0,88
25%	75%	0,46	1,13
40%	60%	0,35	1,50
Median 50%	50%	0,32	1,64
75%	25%	0,24	2,06
84%	16%	0,21	2,25
90%	10%	0,19	2,39
95%	5%	0,16	2,63

Moments Statistics

Mean	1,59
Sorting	0,69
Skewness	-0,12
Kurtosis	1,02
Uniformity Coefficient	1,86

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

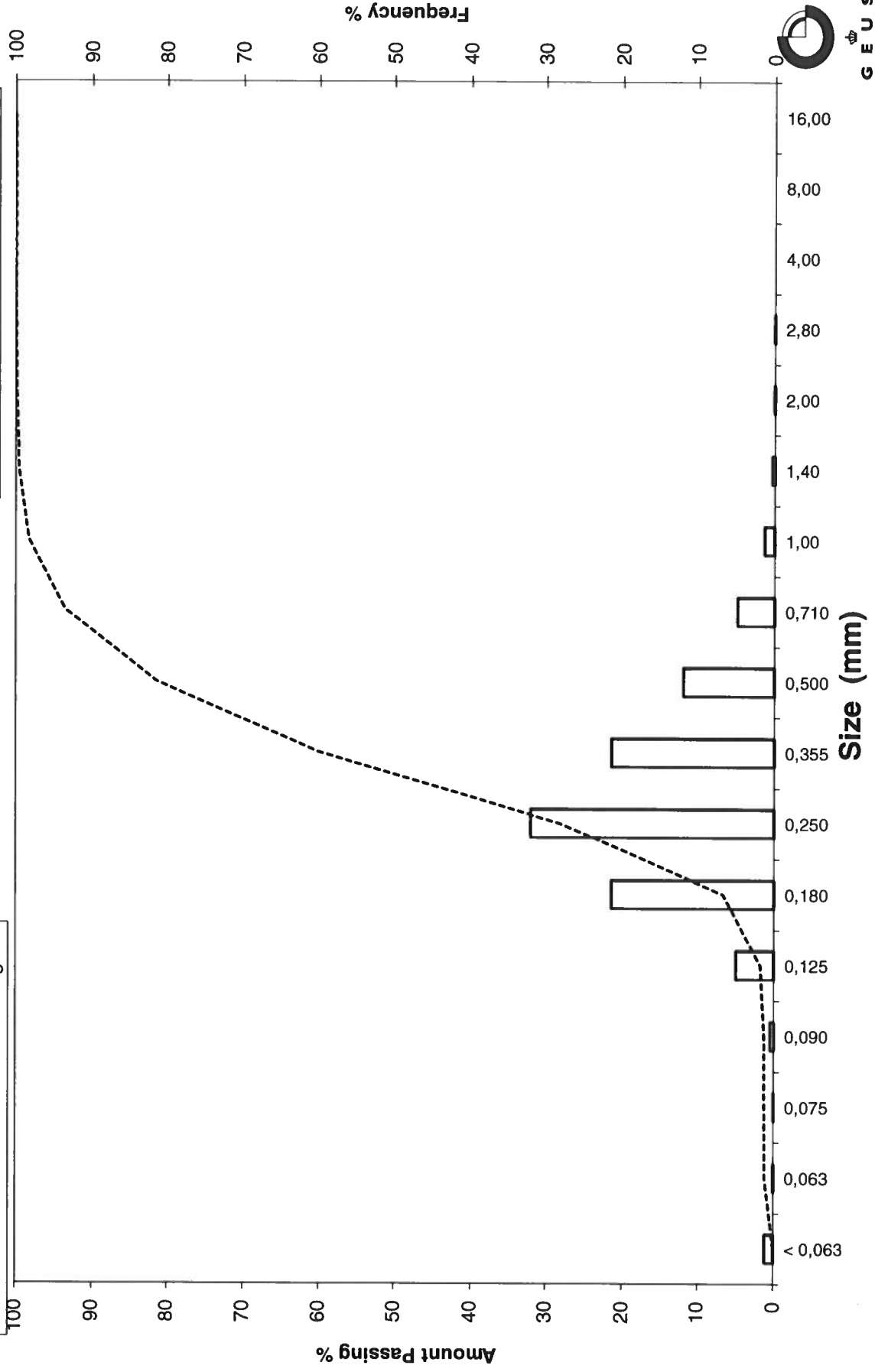
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Sample Id: A31 200-250

Grain Size Distribution

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A31 300-350
Lab. Id: 220563
Projekt: Energistyrelsen
Subject: A31
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 112,52 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,08	0,07	99,93
1,40	-0,49	0,27	0,24	99,69
1,00	0,00	2,59	2,30	97,39
0,710	0,49	6,23	5,54	91,85
0,500	1,00	16,39	14,57	77,28
0,355	1,49	19,26	17,12	60,17
0,250	2,00	30,12	26,77	33,40
0,180	2,47	23,54	20,92	12,48
0,125	3,00	11,90	10,58	1,90
0,090	3,47	0,87	0,77	1,13
0,075	3,74	0,06	0,05	1,08
0,063	3,99	0,04	0,04	1,04
< 0,063	> 3,99	1,17	1,04	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,04
Sand, fine (0,063 mm - 0,200 mm):	17,42
Sand, medium (0,2 mm - 0,6 mm):	65,77
Sand, coarse (0,6 mm - 2 mm):	15,71
Gravel (> 2 mm):	0,07
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,87	0,19
16%	84%	0,60	0,74
25%	75%	0,48	1,06
40%	60%	0,35	1,50
Median 50%	50%	0,32	1,67
75%	25%	0,22	2,17
84%	16%	0,19	2,38
90%	10%	0,17	2,58
95%	5%	0,14	2,83

Moments Statistics

Mean	1,60
Sorting	0,81
Skewness	-0,12
Kurtosis	0,97
Uniformity Coefficient	2,12

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

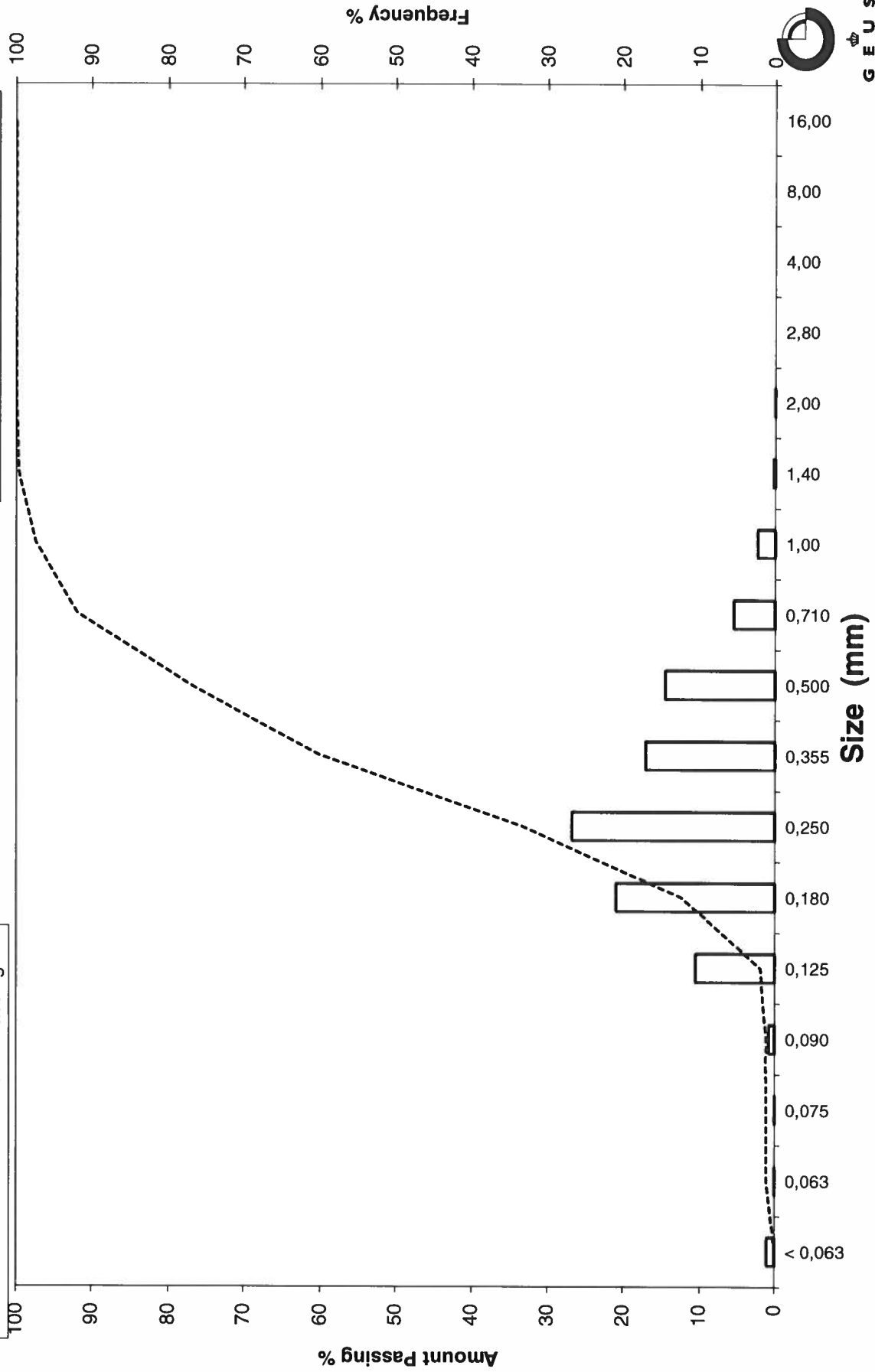
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Sample Id: A31 300-350

Grain Size Distribution

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A32 0-50
Lab. Id: 220564
Projekt Energistyrelsen
Subject: A32
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 100,63 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,00	0,00	100,00
	1,40	-0,49	0,13	0,13	99,87
	1,00	0,00	0,27	0,27	99,60
	0,710	0,49	0,91	0,90	98,70
	0,500	1,00	2,40	2,38	96,31
	0,355	1,49	8,87	8,81	87,50
Sand	0,250	2,00	28,13	27,95	59,54
	0,180	2,47	37,11	36,88	22,67
	0,125	3,00	17,99	17,88	4,79
	0,090	3,47	3,00	2,98	1,81
	0,075	3,74	0,17	0,17	1,64
	0,063	3,99	0,29	0,29	1,35
	< 0,063	> 3,99	1,36	1,35	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,35
Sand, fine (0,063 mm - 0,200 mm):	31,85
Sand, medium (0,2 mm - 0,6 mm):	64,25
Sand, coarse (0,6 mm - 2 mm):	2,55
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,48	1,06
16%	84%	0,34	1,55
25%	75%	0,31	1,70
40%	60%	0,25	1,99
Median 50%	50%	0,23	2,11
75%	25%	0,18	2,44
84%	16%	0,16	2,65
90%	10%	0,14	2,83
95%	5%	0,13	2,99

Moments Statistics

Mean	2,10
Sorting	0,57
Skewness	-0,05
Kurtosis	1,07
Uniformity Coefficient	1,78

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

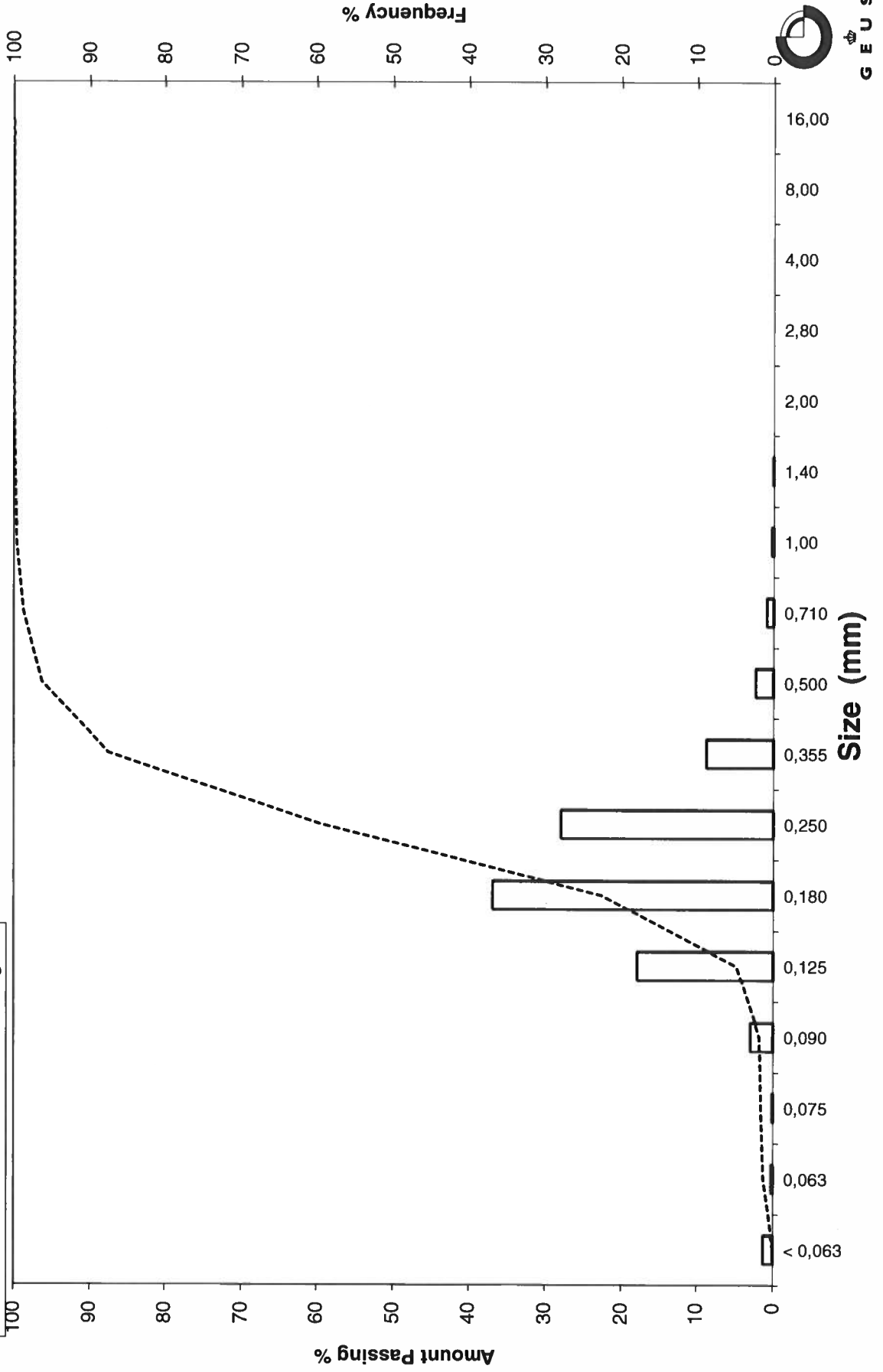
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Sample Id: A32 0-50

Grain Size Distribution

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A32 86-106
Lab. Id: 220565
Projekt: Energistyrelsen
Subject: A32
Date: 02-09-2022
Executed: PS/CRL
Remarks: >1,4mm består af skaller



Total Weight 95,08 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,13	0,14	99,86
2,80	-1,49	0,00	0,00	99,86
2,00	-1,00	0,06	0,06	99,80
1,40	-0,49	0,01	0,01	99,79
1,00	0,00	0,16	0,17	99,62
0,710	0,49	0,34	0,36	99,26
0,500	1,00	0,64	0,67	98,59
0,355	1,49	0,95	1,00	97,59
0,250	2,00	0,28	0,29	97,30
0,180	2,47	8,66	9,11	88,19
0,125	3,00	46,00	48,38	39,81
0,090	3,47	24,10	25,35	14,46
0,075	3,74	1,72	1,81	12,65
0,063	3,99	0,64	0,67	11,98
< 0,063	> 3,99	11,39	11,98	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	11,98
Sand, fine (0,063 mm - 0,200 mm):	78,81
Sand, medium (0,2 mm - 0,6 mm):	8,12
Sand, coarse (0,6 mm - 2 mm):	0,89
Gravel (> 2 mm):	0,20
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,23	2,11
16%	84%	0,18	2,51
25%	75%	0,17	2,60
40%	60%	0,15	2,76
Median 50%	50%	0,14	2,87
75%	25%	0,10	3,26
84%	16%	0,09	3,44
90%	10%	-----	-----
95%	5%	-----	-----

Moments Statistics

Mean	2,94
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	-----

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

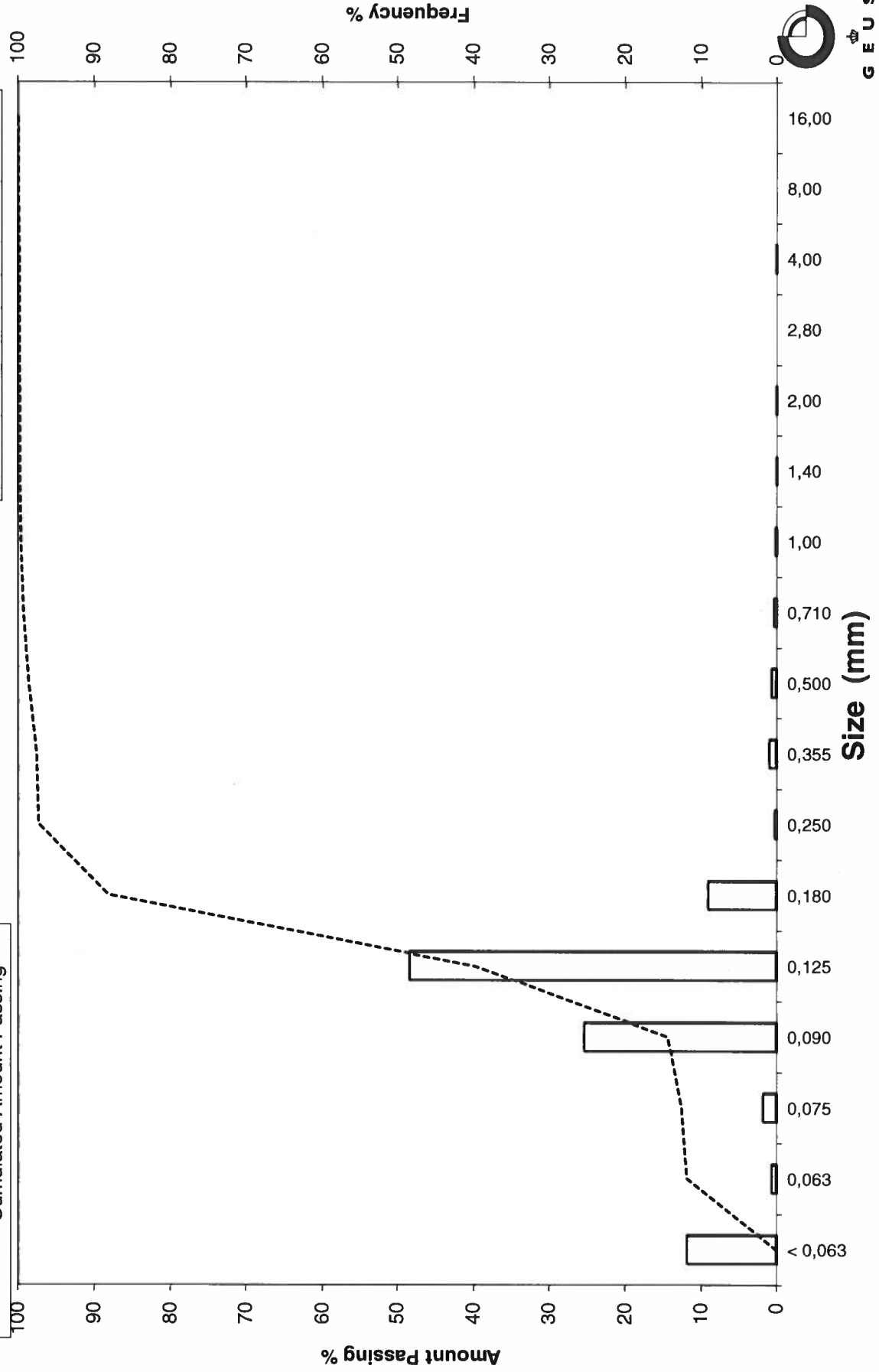
Size Classes and Percentiles are found by linear interpolation

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Sample Id: A32 86-106

Grain Size Distribution

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A33 0-50
Lab. Id: 220566
Projekt Energistyrelsen
Subject: A33
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 92,32 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,00	0,00	100,00
1,00	0,00	0,10	0,11	99,89
0,710	0,49	0,40	0,43	99,46
0,500	1,00	0,99	1,07	98,39
0,355	1,49	3,24	3,51	94,88
0,250	2,00	9,70	10,51	84,37
0,180	2,47	23,05	24,97	59,40
0,125	3,00	34,12	36,96	22,44
0,090	3,47	12,65	13,70	8,74
0,075	3,74	0,95	1,03	7,71
0,063	3,99	1,44	1,56	6,15
< 0,063	> 3,99	5,68	6,15	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	6,15
Sand, fine (0,063 mm - 0,200 mm):	60,38
Sand, medium (0,2 mm - 0,6 mm):	32,36
Sand, coarse (0,6 mm - 2 mm):	1,10
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,36	1,47
16%	84%	0,25	2,01
25%	75%	0,22	2,16
40%	60%	0,18	2,46
Median 50%	50%	0,17	2,59
75%	25%	0,13	2,96
84%	16%	0,11	3,20
90%	10%	0,09	3,42
95%	5%	-----	-----

Moments Statistics

Mean	2,60
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	1,95

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

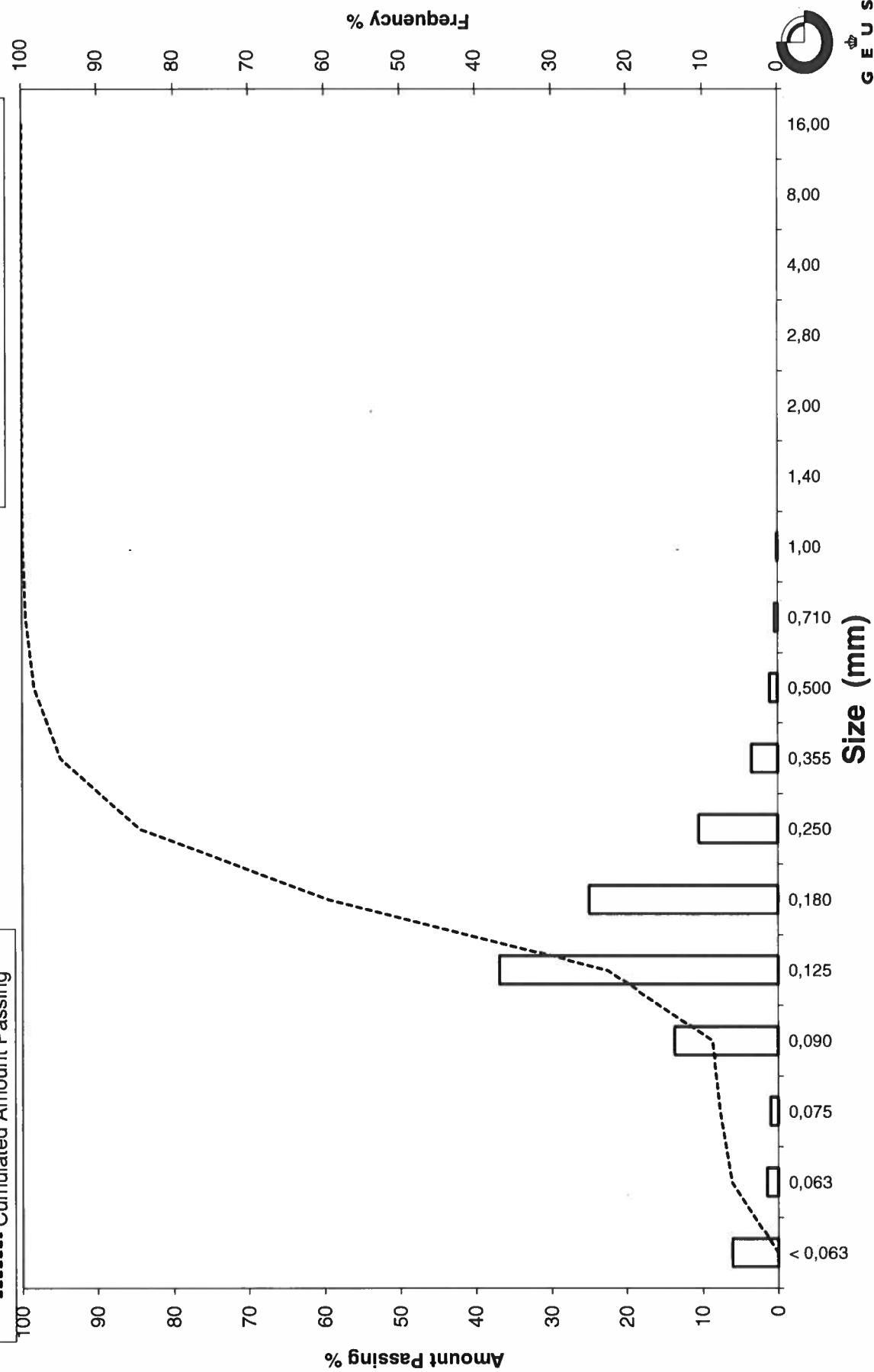
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A33 0-50

Frequency Percent
Cumulated Amount Passing



GEUS

Grain Size Distribution

Geotechnical

Sample Id: A33 100-150
Lab. Id: 220567
Projekt: Energistyrelsen
Subject: A33
Date: 02-09-2022
Executed: PS/CRL
Remarks: >2mm består af skaller



Total Weight 93,48 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,17	0,18	99,82
2,80	-1,49	0,05	0,05	99,76
2,00	-1,00	0,01	0,01	99,75
1,40	-0,49	0,04	0,04	99,71
1,00	0,00	0,14	0,15	99,56
0,710	0,49	0,35	0,37	99,19
0,500	1,00	1,04	1,11	98,07
0,355	1,49	2,33	2,49	95,58
0,250	2,00	7,22	7,72	87,86
0,180	2,47	15,45	16,53	71,33
0,125	3,00	40,98	43,84	27,49
0,090	3,47	15,37	16,44	11,05
0,075	3,74	1,58	1,69	9,36
0,063	3,99	1,84	1,97	7,39
< 0,063	> 3,99	6,91	7,39	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	7,39
Sand, fine (0,063 mm - 0,200 mm):	68,66
Sand, medium (0,2 mm - 0,6 mm):	22,55
Sand, coarse (0,6 mm - 2 mm):	1,15
Gravel (> 2 mm):	0,25
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,35	1,53
16%	84%	0,23	2,10
25%	75%	0,20	2,35
40%	60%	0,17	2,59
Median 50%	50%	0,15	2,71
75%	25%	0,12	3,06
84%	16%	0,10	3,31
90%	10%	0,08	3,63
95%	5%	-----	-----

Moments Statistics

Mean	2,71
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	2,05

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

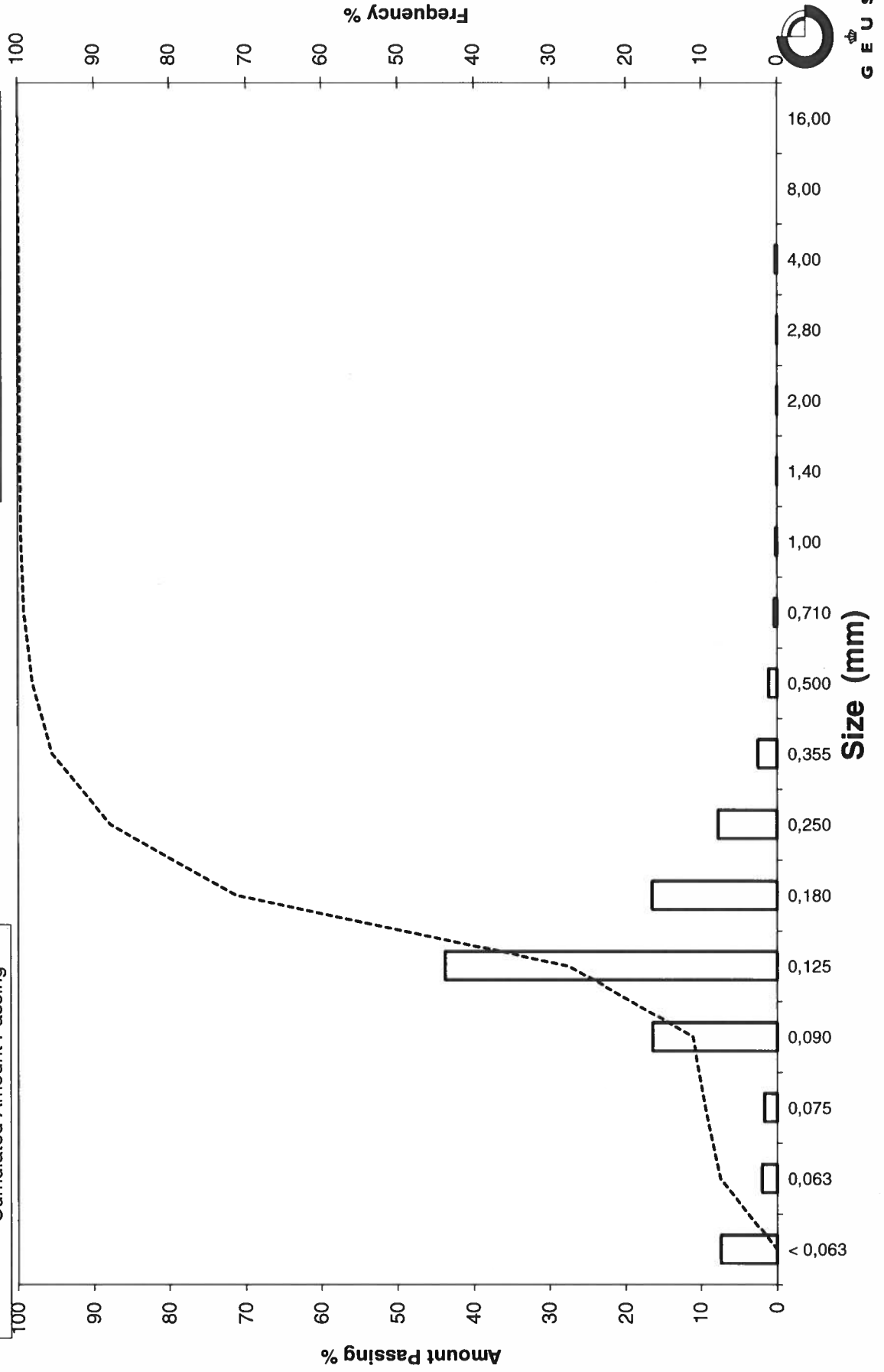
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A33 100-150

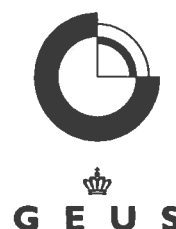
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A33 200-250
Lab. Id: 220568
Projekt: Energistyrelsen
Subject: A33
Date: 02-09-2022
Executed: PS/CRL
Remarks: >1,4mm består af skaller



Total Weight 91,84 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,01	0,01	99,99
2,80	-1,49	0,00	0,00	99,99
2,00	-1,00	0,05	0,05	99,93
1,40	-0,49	0,02	0,02	99,91
1,00	0,00	0,12	0,13	99,78
0,710	0,49	0,36	0,39	99,39
0,500	1,00	0,54	0,59	98,80
0,355	1,49	1,23	1,34	97,46
0,250	2,00	3,63	3,95	93,51
0,180	2,47	13,27	14,45	79,06
0,125	3,00	35,28	38,41	40,65
0,090	3,47	20,09	21,88	18,77
0,075	3,74	1,90	2,07	16,70
0,063	3,99	2,39	2,60	14,10
< 0,063	> 3,99	12,95	14,10	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	14,10
Sand, fine (0,063 mm - 0,200 mm):	69,09
Sand, medium (0,2 mm - 0,6 mm):	15,89
Sand, coarse (0,6 mm - 2 mm):	0,85
Gravel (> 2 mm):	0,07
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,29	1,79
16%	84%	0,20	2,29
25%	75%	0,17	2,52
40%	60%	0,15	2,71
Median 50%	50%	0,14	2,85
75%	25%	0,10	3,32
84%	16%	0,07	3,80
90%	10%	-----	-----
95%	5%	-----	-----

Moments Statistics

Mean	2,98
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	-----

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

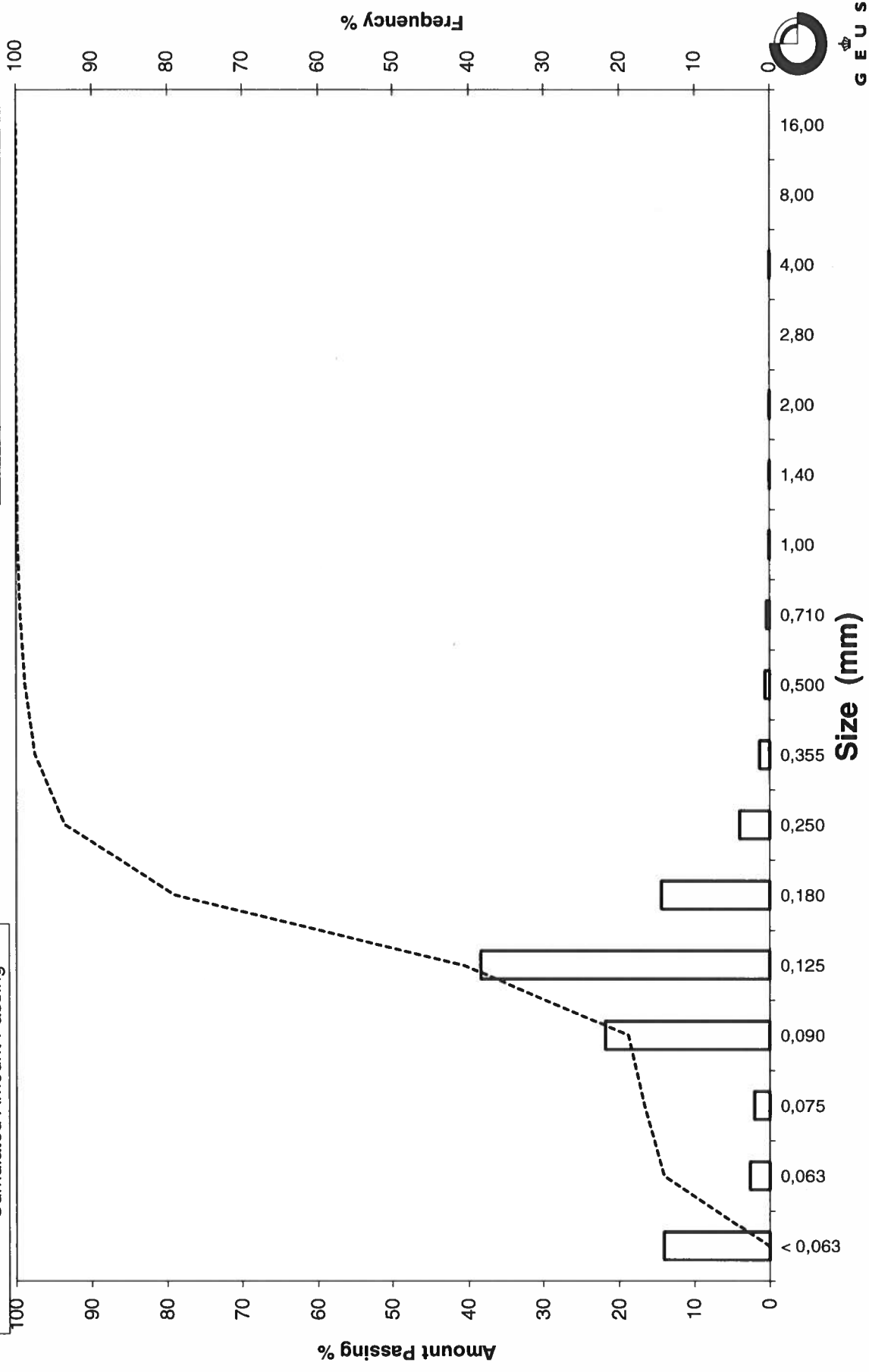
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A33 200-250

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A33 300-350
Lab. Id: 220569
Projekt Energistyrelsen
Subject: A33
Date: 02-09-2022
Executed: PS/CRL
Remarks: >4mm består af skaller



Total Weight 89,79 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,06	0,07	99,93
2,80	-1,49	0,00	0,00	99,93
2,00	-1,00	0,01	0,01	99,92
1,40	-0,49	0,03	0,03	99,89
1,00	0,00	0,32	0,36	99,53
0,710	0,49	0,41	0,46	99,08
0,500	1,00	0,58	0,65	98,43
0,355	1,49	0,60	0,67	97,76
0,250	2,00	1,07	1,19	96,57
0,180	2,47	4,20	4,68	91,89
0,125	3,00	33,16	36,93	54,96
0,090	3,47	26,25	29,23	25,73
0,075	3,74	2,67	2,97	22,75
0,063	3,99	2,81	3,13	19,62
< 0,063	> 3,99	17,62	19,62	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	19,62
Sand, fine (0,063 mm - 0,200 mm):	73,61
Sand, medium (0,2 mm - 0,6 mm):	5,51
Sand, coarse (0,6 mm - 2 mm):	1,18
Gravel (> 2 mm):	0,08
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,23	2,14
16%	84%	0,17	2,57
25%	75%	0,15	2,69
40%	60%	0,13	2,92
Median 50%	50%	0,12	3,07
75%	25%	0,09	3,53
84%	16%	-----	-----
90%	10%	-----	-----
95%	5%	-----	-----

Moments Statistics

Mean	2,82
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	-----

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

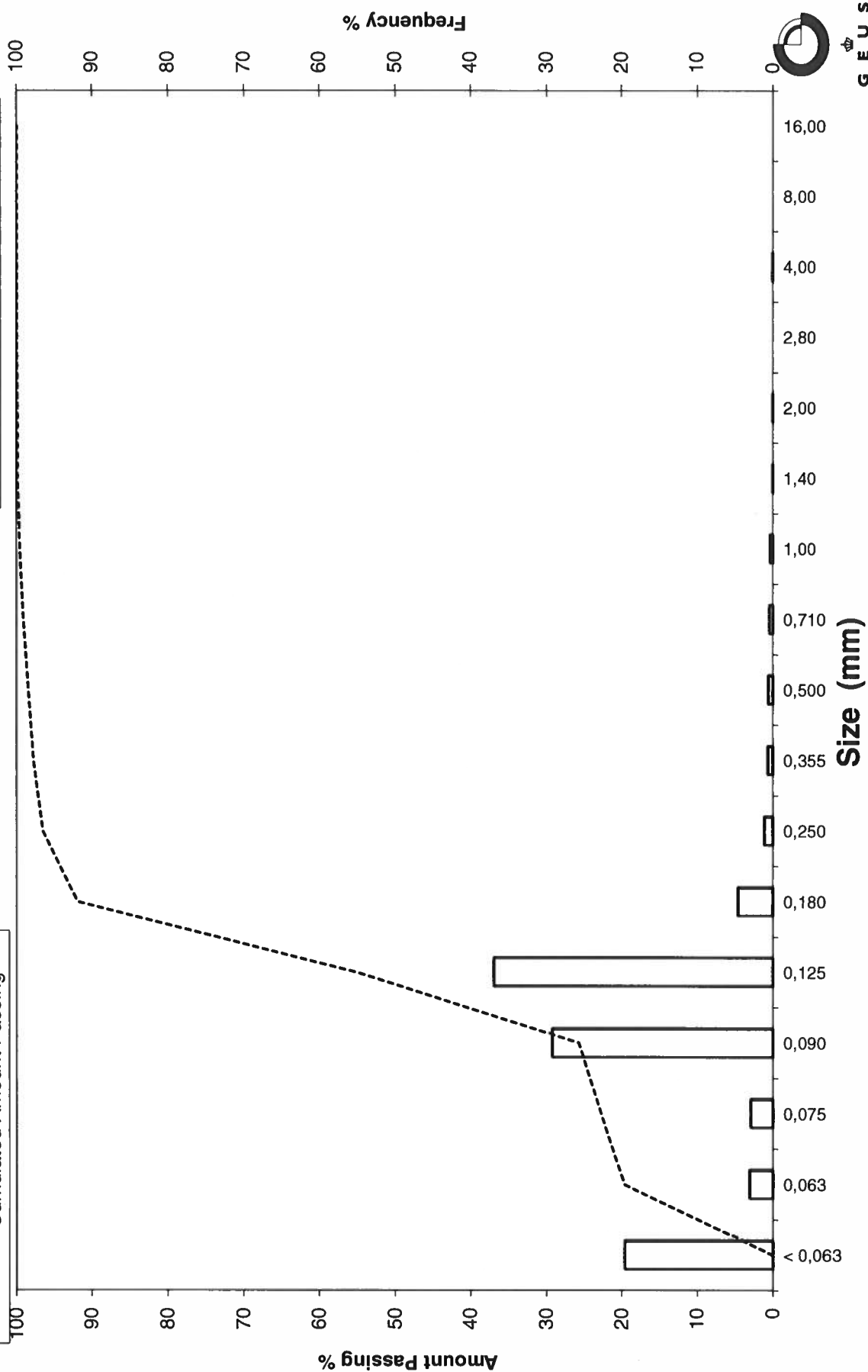
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A33 300-350

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A35 25-45
Lab. Id: 220570
Projekt Energistyrelsen
Subject: A35
Date: 02-09-2022
Executed: PS/CRL
Remarks: >4mm heraf 0,1g skaller



Total Weight 90,57 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,20	0,22	99,78
2,80	-1,49	0,06	0,07	99,71
2,00	-1,00	0,07	0,08	99,64
1,40	-0,49	0,06	0,07	99,57
1,00	0,00	0,21	0,23	99,34
0,710	0,49	0,48	0,53	98,81
0,500	1,00	0,35	0,39	98,42
0,355	1,49	0,67	0,74	97,68
0,250	2,00	1,28	1,41	96,27
0,180	2,47	8,34	9,21	87,06
0,125	3,00	36,95	40,80	46,26
0,090	3,47	28,09	31,01	15,25
0,075	3,74	1,98	2,19	13,06
0,063	3,99	0,84	0,93	12,13
< 0,063	> 3,99	10,99	12,13	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	12,13
Sand, fine (0,063 mm - 0,200 mm):	77,56
Sand, medium (0,2 mm - 0,6 mm):	8,91
Sand, coarse (0,6 mm - 2 mm):	1,03
Gravel (> 2 mm):	0,36
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,24	2,06
16%	84%	0,18	2,51
25%	75%	0,16	2,61
40%	60%	0,14	2,80
Median 50%	50%	0,13	2,94
75%	25%	0,10	3,31
84%	16%	0,09	3,46
90%	10%	-----	-----
95%	5%	-----	-----

Moments Statistics

Mean	2,97
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	-----

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

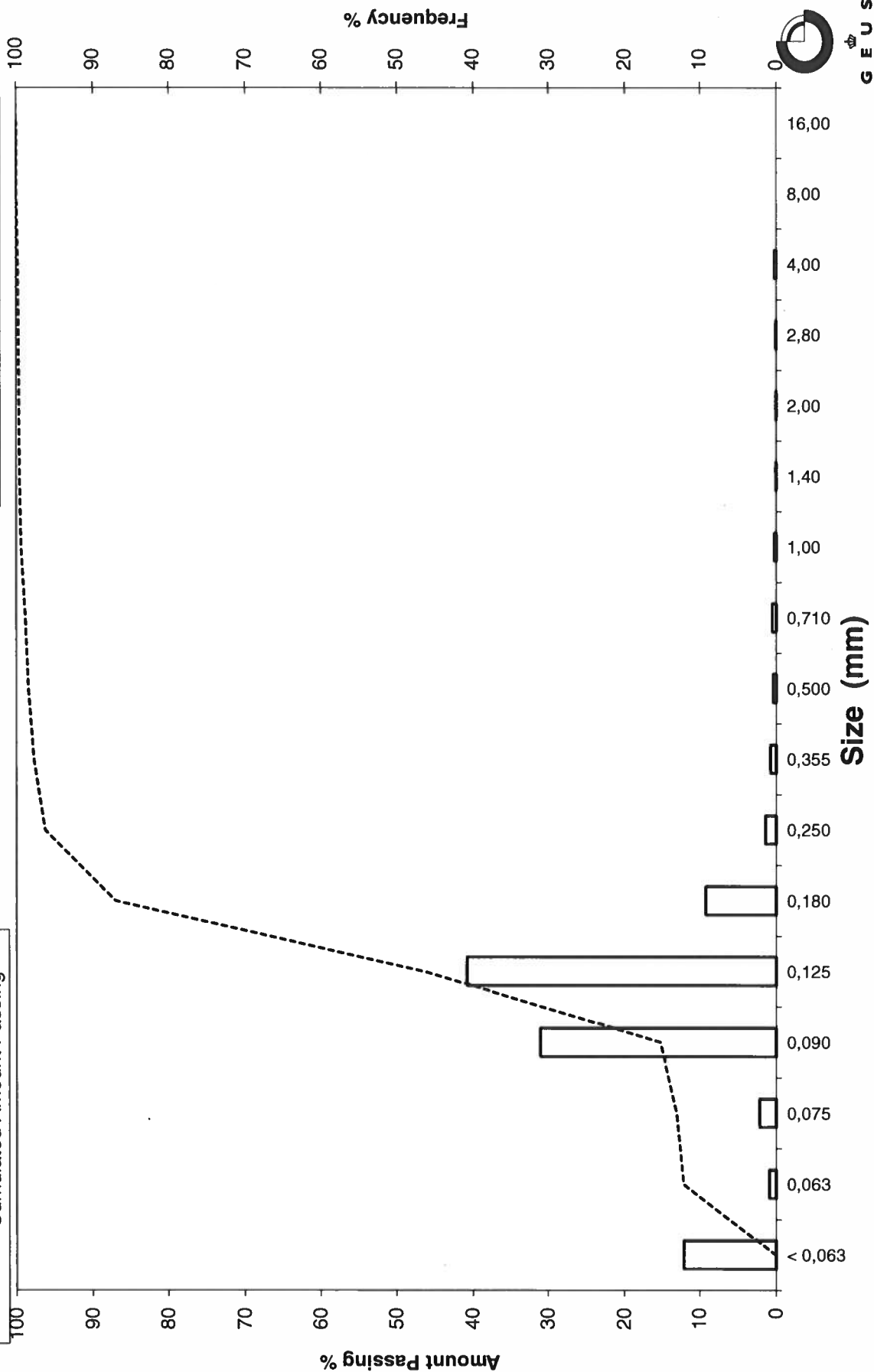
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Sample Id: A35 25-45

Grain Size Distribution

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A37 0-30
Lab. Id: 220571
Projekt: Energistyrelsen
Subject: A37
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 134,25 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,58	0,43	99,57
2,80	-1,49	0,71	0,53	99,04
2,00	-1,00	1,05	0,78	98,26
1,40	-0,49	2,36	1,76	96,50
1,00	0,00	35,79	26,66	69,84
0,710	0,49	15,62	11,64	58,20
0,500	1,00	20,61	15,35	42,85
0,355	1,49	21,81	16,25	26,61
0,250	2,00	18,80	14,00	12,60
0,180	2,47	10,66	7,94	4,66
0,125	3,00	4,22	3,14	1,52
0,090	3,47	0,39	0,29	1,23
0,075	3,74	0,03	0,02	1,21
0,063	3,99	0,06	0,04	1,16
< 0,063	> 3,99	1,56	1,16	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,16
Sand, fine (0,063 mm - 0,200 mm):	5,77
Sand, medium (0,2 mm - 0,6 mm):	43,23
Sand, coarse (0,6 mm - 2 mm):	48,09
Gravel (> 2 mm):	1,74
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,38	-0,46
16%	84%	1,21	-0,28
25%	75%	1,08	-0,11
40%	60%	0,75	0,41
Median 50%	50%	0,60	0,74
75%	25%	0,34	1,54
84%	16%	0,28	1,86
90%	10%	0,23	2,14
95%	5%	0,18	2,45

Moments Statistics

Mean	0,77
Sorting	0,98
Skewness	0,11
Kurtosis	0,72
Uniformity Coefficient	3,32

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation.

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

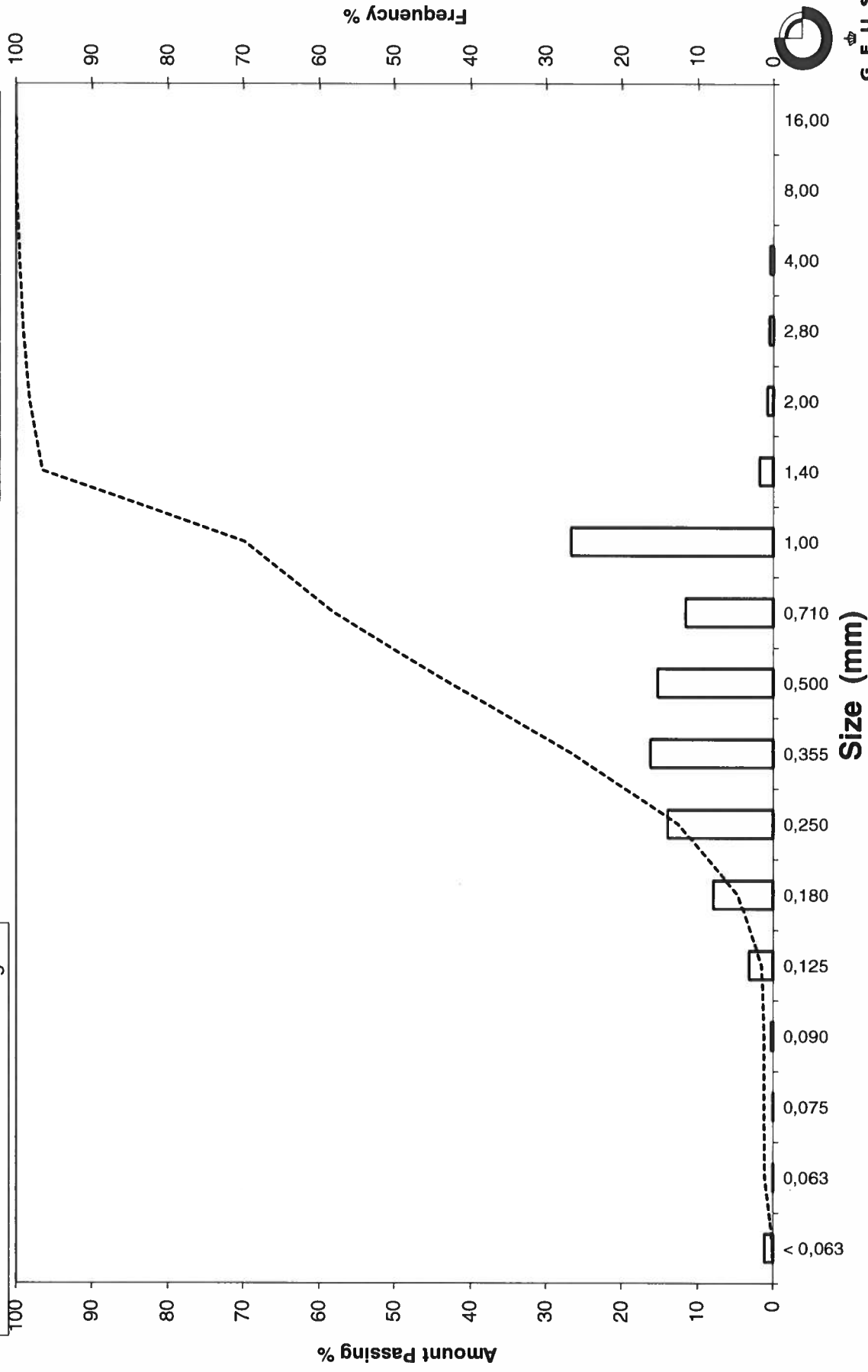
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A37 0-30

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A37 100-150
Lab. Id: 220572
Projekt Energistyrelsen
Subject: A37
Date: 02-09-2022
Executed: PS/CRL
Remarks: >4mm består af skaller



Total Weight 121,85 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,01	0,01	99,99
2,80	-1,49	0,06	0,05	99,94
2,00	-1,00	0,23	0,19	99,75
1,40	-0,49	0,50	0,41	99,34
1,00	0,00	2,54	2,08	97,26
0,710	0,49	6,57	5,39	91,87
0,500	1,00	16,62	13,64	78,23
0,355	1,49	27,98	22,96	55,26
0,250	2,00	31,65	25,97	29,29
0,180	2,47	27,16	22,29	7,00
0,125	3,00	6,26	5,14	1,86
0,090	3,47	0,74	0,61	1,26
0,075	3,74	0,05	0,04	1,21
0,063	3,99	0,03	0,02	1,19
< 0,063	> 3,99	1,45	1,19	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,19
Sand, fine (0,063 mm - 0,200 mm):	12,18
Sand, medium (0,2 mm - 0,6 mm):	71,35
Sand, coarse (0,6 mm - 2 mm):	15,03
Gravel (> 2 mm):	0,25
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,88	0,19
16%	84%	0,59	0,76
25%	75%	0,48	1,06
40%	60%	0,38	1,38
Median 50%	50%	0,33	1,58
75%	25%	0,24	2,08
84%	16%	0,21	2,26
90%	10%	0,19	2,40
95%	5%	0,16	2,66

Moments Statistics

Mean	1,54
Sorting	0,75
Skewness	-0,11
Kurtosis	0,99
Uniformity Coefficient	2,03

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

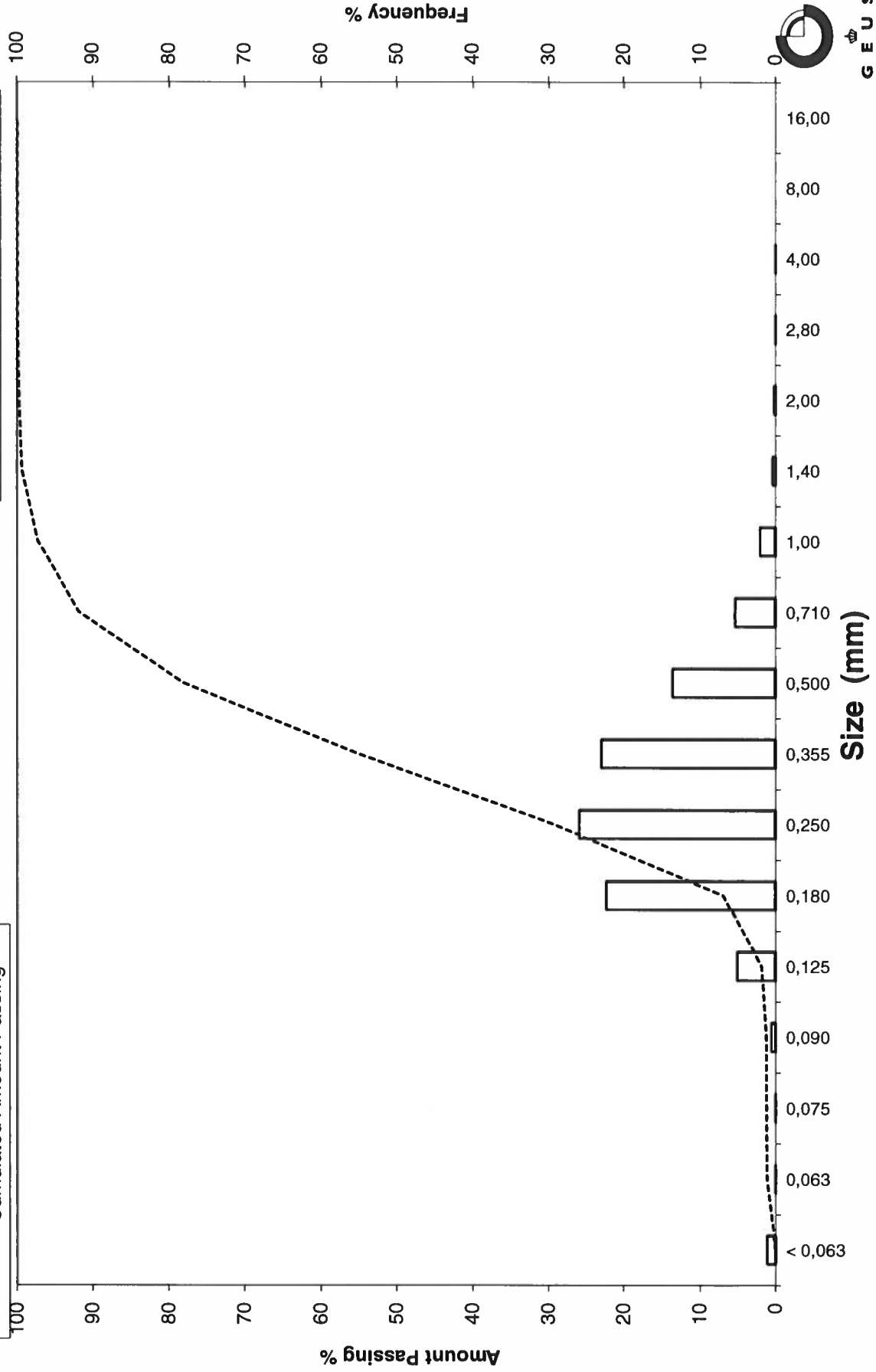
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A37 100-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A37 230-280
Lab. Id: 220573
Projekt: Energistyrrelsen
Subject: A37
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 105,67 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,17	0,16	99,84
2,00	-1,00	0,30	0,28	99,56
1,40	-0,49	0,58	0,55	99,01
1,00	0,00	2,90	2,74	96,26
0,710	0,49	3,69	3,49	92,77
0,500	1,00	8,03	7,60	85,17
0,355	1,49	12,48	11,81	73,36
0,250	2,00	24,25	22,95	50,41
0,180	2,47	31,28	29,60	20,81
0,125	3,00	17,07	16,15	4,66
0,090	3,47	2,07	1,96	2,70
0,075	3,74	0,23	0,22	2,48
0,063	3,99	0,25	0,24	2,24
< 0,063	> 3,99	2,37	2,24	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	2,24
Sand, fine (0,063 mm - 0,200 mm):	27,02
Sand, medium (0,2 mm - 0,6 mm):	59,52
Sand, coarse (0,6 mm - 2 mm):	10,77
Gravel (> 2 mm):	0,44
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,90	0,16
16%	84%	0,49	1,04
25%	75%	0,38	1,41
40%	60%	0,29	1,77
Median 50%	50%	0,25	2,01
75%	25%	0,19	2,40
84%	16%	0,16	2,61
90%	10%	0,14	2,80
95%	5%	0,13	2,99

Moments Statistics

Mean	1,89
Sorting	0,82
Skewness	-0,27
Kurtosis	1,18
Uniformity Coefficient	2,05

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

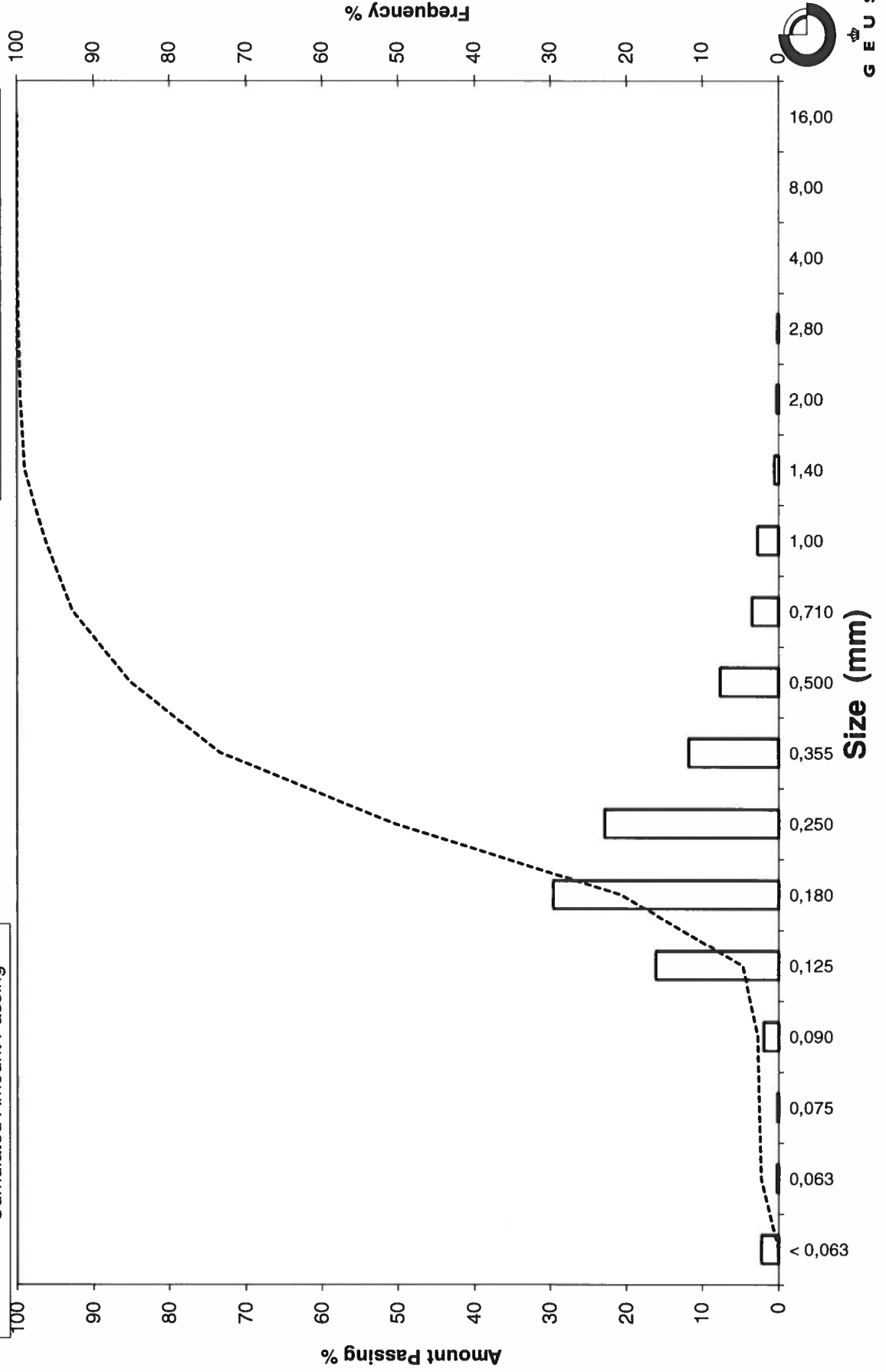
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A37 230-280

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A37 350-390
Lab. Id: 220574
Projekt Energistyrelsen
Subject: A37
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 95,41 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,03	0,03	99,97
1,00	0,00	0,05	0,05	99,92
0,710	0,49	0,21	0,22	99,70
0,500	1,00	0,77	0,81	98,89
0,355	1,49	3,76	3,94	94,95
0,250	2,00	11,34	11,89	83,06
0,180	2,47	34,15	35,79	47,27
0,125	3,00	33,70	35,32	11,95
0,090	3,47	8,03	8,42	3,53
0,075	3,74	0,59	0,62	2,91
0,063	3,99	0,47	0,49	2,42
< 0,063	> 3,99	2,31	2,42	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	2,42
Sand, fine (0,063 mm - 0,200 mm):	55,08
Sand, medium (0,2 mm - 0,6 mm):	41,78
Sand, coarse (0,6 mm - 2 mm):	0,73
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,36	1,49
16%	84%	0,26	1,95
25%	75%	0,23	2,09
40%	60%	0,20	2,29
Median 50%	50%	0,19	2,43
75%	25%	0,15	2,78
84%	16%	0,13	2,93
90%	10%	0,12	3,10
95%	5%	0,10	3,38

Moments Statistics

Mean	2,44
Sorting	0,53
Skewness	0,01
Kurtosis	1,13
Uniformity Coefficient	1,75

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

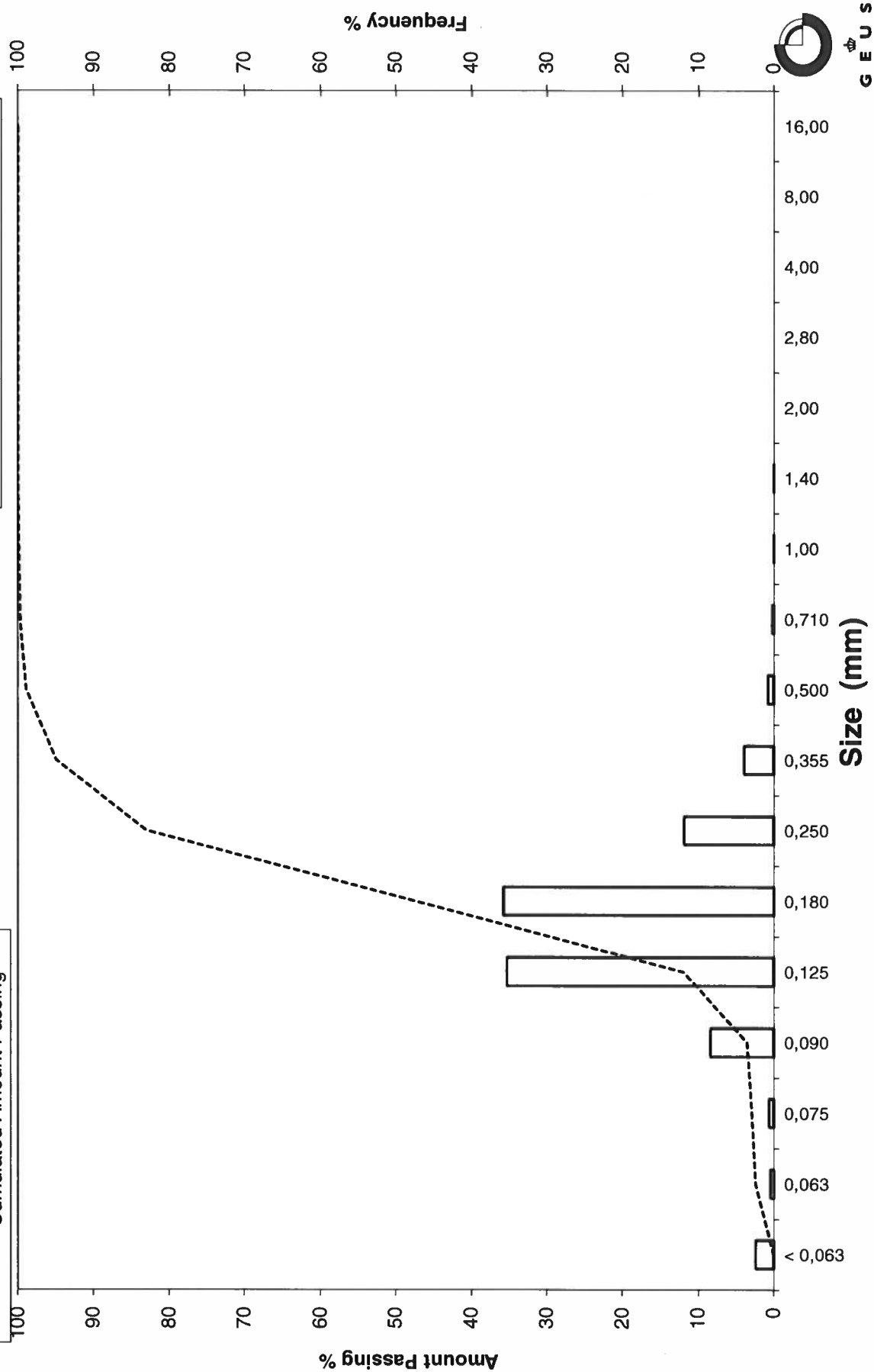
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A37 350-390

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A39 0-50
Lab. Id: 220575
Projekt: Energistyrelsen
Subject: A39
Date: 02-09-2022
Executed: PS/CRL
Remarks: >4mm heraf 0,2g skaller



Total Weight 134,47 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,54	0,40	99,60
2,80	-1,49	1,23	0,91	98,68
2,00	-1,00	2,86	2,13	96,56
1,40	-0,49	4,31	3,21	93,35
1,00	0,00	7,91	5,88	87,47
0,710	0,49	14,19	10,55	76,92
0,500	1,00	37,75	28,07	48,84
0,355	1,49	28,03	20,84	28,00
0,250	2,00	26,36	19,60	8,40
0,180	2,47	8,39	6,24	2,16
0,125	3,00	1,86	1,38	0,77
0,090	3,47	0,12	0,09	0,68
0,075	3,74	0,00	0,00	0,68
0,063	3,99	0,00	0,00	0,68
< 0,063	> 3,99	0,92	0,68	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,68
Sand, fine (0,063 mm - 0,200 mm):	3,26
Sand, medium (0,2 mm - 0,6 mm):	58,27
Sand, coarse (0,6 mm - 2 mm):	34,35
Gravel (> 2 mm):	3,44
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,71	-0,77
16%	84%	0,90	0,14
25%	75%	0,70	0,52
40%	60%	0,58	0,78
Median 50%	50%	0,51	0,98
75%	25%	0,34	1,56
84%	16%	0,29	1,78
90%	10%	0,26	1,95
95%	5%	0,21	2,24

Moments Statistics

Mean	0,97
Sorting	0,87
Skewness	-0,09
Kurtosis	1,19
Uniformity Coefficient	2,26

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

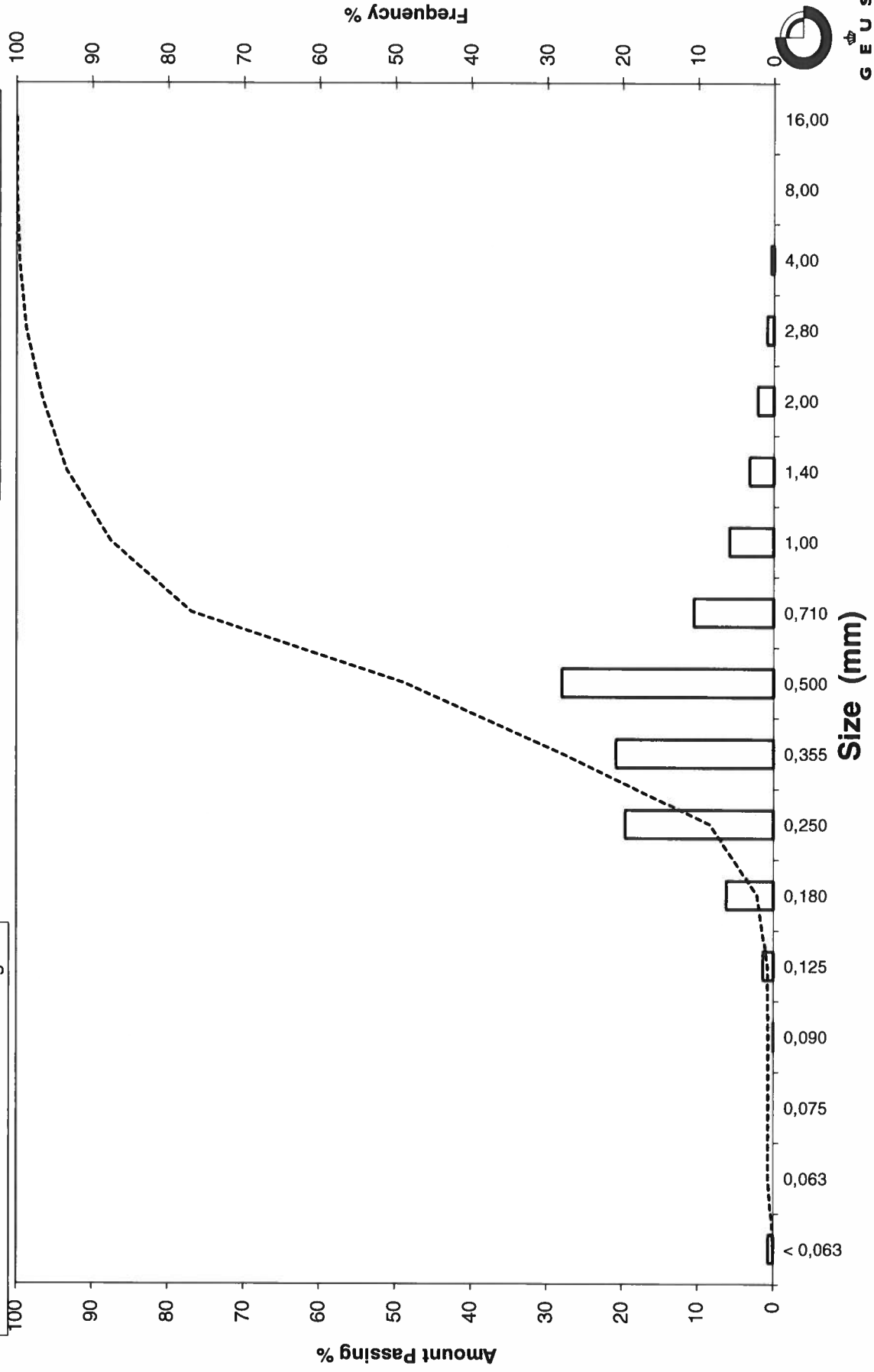
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A39 0-50

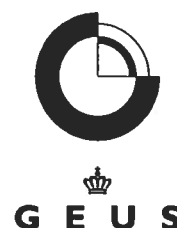
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A39 50-150
Lab. Id: 220576
Projekt: Energistyrelsen
Subject: A39
Date: 02-09-2022
Executed: PS/CRL
Remarks: >4mm består af skaller



Total Weight 104,74 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,11	0,11	99,89
2,80	-1,49	0,00	0,00	99,89
2,00	-1,00	0,30	0,29	99,61
1,40	-0,49	1,50	1,43	98,18
1,00	0,00	4,00	3,82	94,36
0,710	0,49	9,31	8,89	85,47
0,500	1,00	17,74	16,94	68,53
0,355	1,49	27,29	26,05	42,48
0,250	2,00	28,93	27,62	14,86
0,180	2,47	11,97	11,43	3,43
0,125	3,00	2,05	1,96	1,47
0,090	3,47	0,24	0,23	1,24
0,075	3,74	0,00	0,00	1,24
0,063	3,99	0,00	0,00	1,24
< 0,063	> 3,99	1,30	1,24	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,24
Sand, fine (0,063 mm - 0,200 mm):	5,45
Sand, medium (0,2 mm - 0,6 mm):	69,90
Sand, coarse (0,6 mm - 2 mm):	23,01
Gravel (> 2 mm):	0,39
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,07	-0,09
16%	84%	0,69	0,53
25%	75%	0,58	0,79
40%	60%	0,45	1,14
Median 50%	50%	0,40	1,33
75%	25%	0,29	1,79
84%	16%	0,25	1,98
90%	10%	0,22	2,18
95%	5%	0,19	2,40

Moments Statistics

Mean	1,28
Sorting	0,74
Skewness	-0,13
Kurtosis	1,01
Uniformity Coefficient	2,05

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

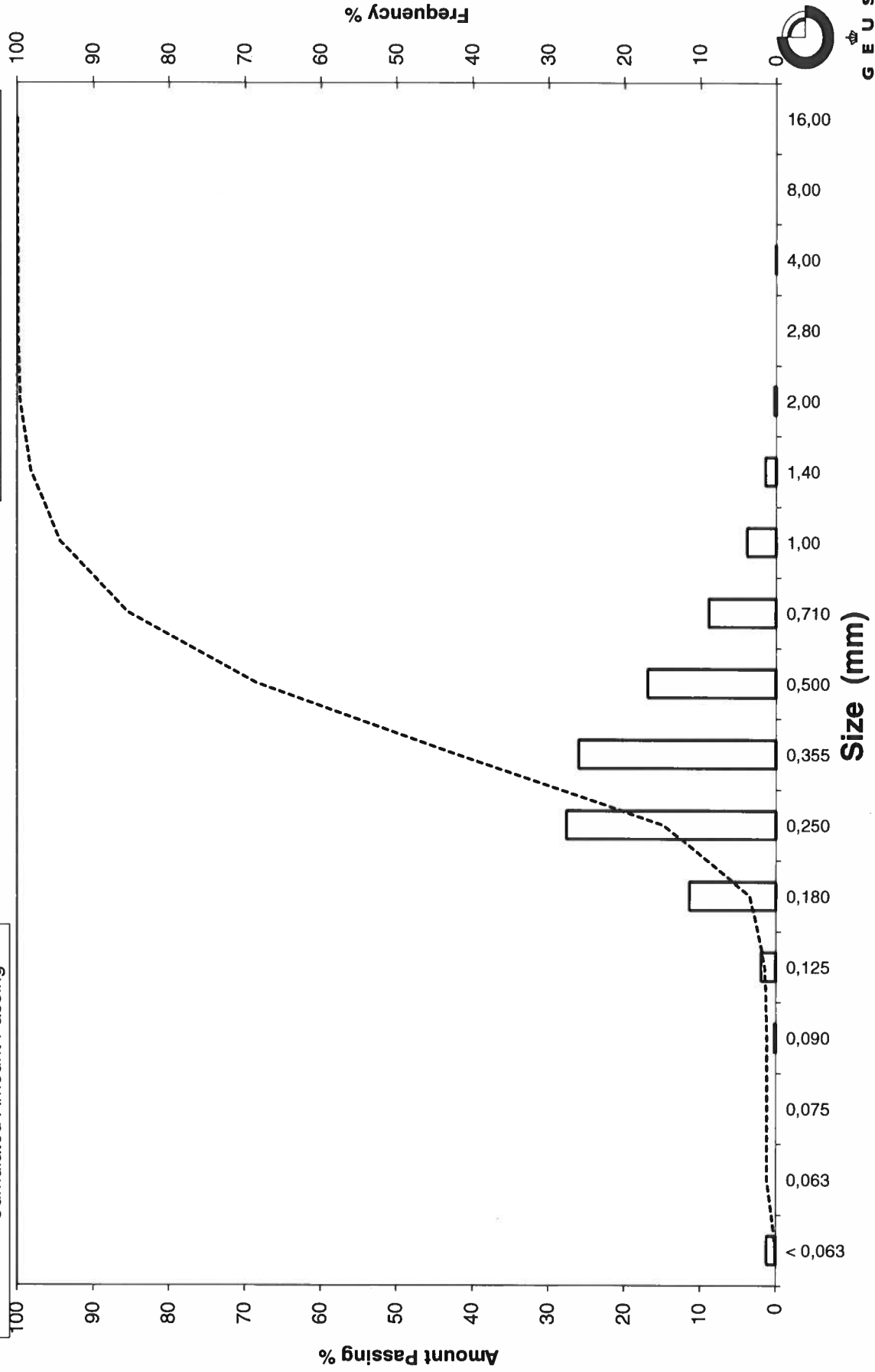
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A39 50-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A39 200-250
Lab. Id: 220577
Projekt: Energistyrelsen
Subject: A39
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 100,41 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,06	0,06	99,94
1,40	-0,49	0,15	0,15	99,79
1,00	0,00	0,47	0,47	99,32
0,710	0,49	1,13	1,13	98,20
0,500	1,00	4,97	4,95	93,25
0,355	1,49	13,13	13,08	80,17
0,250	2,00	32,73	32,60	47,57
0,180	2,47	29,21	29,09	18,48
0,125	3,00	14,49	14,43	4,05
0,090	3,47	1,58	1,57	2,48
0,075	3,74	0,17	0,17	2,31
0,063	3,99	0,19	0,19	2,12
< 0,063	> 3,99	2,13	2,12	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	2,12
Sand, fine (0,063 mm - 0,200 mm):	24,67
Sand, medium (0,2 mm - 0,6 mm):	68,81
Sand, coarse (0,6 mm - 2 mm):	4,34
Gravel (> 2 mm):	0,06
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,57	0,80
16%	84%	0,40	1,33
25%	75%	0,34	1,56
40%	60%	0,29	1,79
Median 50%	50%	0,26	1,96
75%	25%	0,20	2,35
84%	16%	0,17	2,55
90%	10%	0,15	2,76
95%	5%	0,13	2,96

Moments Statistics

Mean	1,95
Sorting	0,63
Skewness	-0,05
Kurtosis	1,12
Uniformity Coefficient	1,96

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

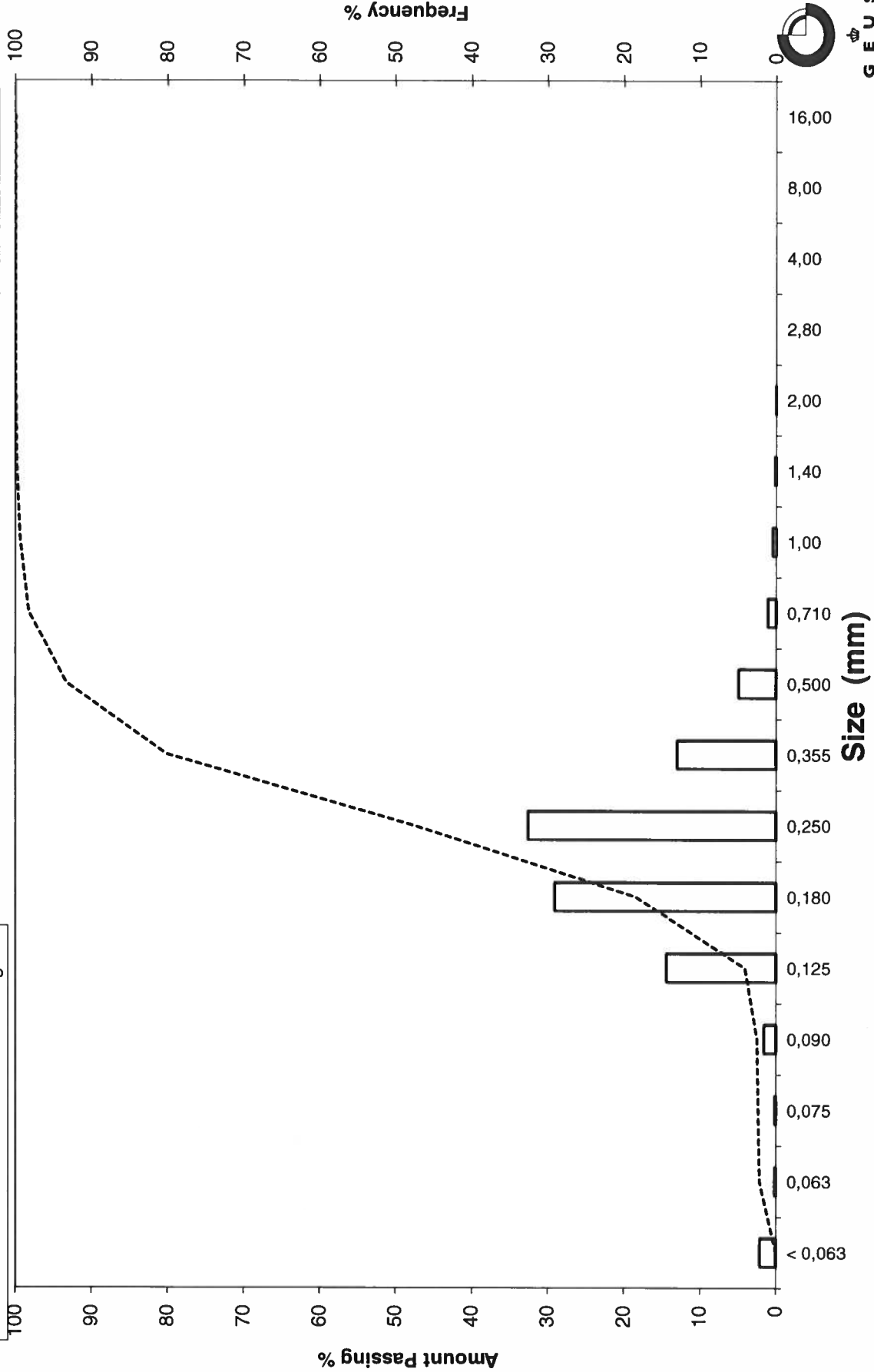
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A39 200-250

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A39 300-350
Lab. Id: 220578
Projekt: Energistyrelsen
Subject: A39
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 98,41 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,14	0,14	99,86
2,80	-1,49	0,23	0,23	99,62
2,00	-1,00	0,54	0,55	99,08
1,40	-0,49	0,79	0,80	98,27
1,00	0,00	1,33	1,35	96,92
0,710	0,49	2,29	2,33	94,59
0,500	1,00	5,78	5,87	88,72
0,355	1,49	14,89	15,13	73,59
0,250	2,00	29,69	30,17	43,42
0,180	2,47	29,63	30,11	13,31
0,125	3,00	9,87	10,03	3,28
0,090	3,47	1,29	1,31	1,97
0,075	3,74	0,08	0,08	1,89
0,063	3,99	0,15	0,15	1,74
< 0,063	> 3,99	1,71	1,74	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,74
Sand, fine (0,063 mm - 0,200 mm):	20,18
Sand, medium (0,2 mm - 0,6 mm):	69,60
Sand, coarse (0,6 mm - 2 mm):	7,56
Gravel (> 2 mm):	0,92
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,76	0,39
16%	84%	0,45	1,14
25%	75%	0,37	1,44
40%	60%	0,31	1,70
Median 50%	50%	0,27	1,87
75%	25%	0,21	2,27
84%	16%	0,19	2,42
90%	10%	0,16	2,63
95%	5%	0,13	2,90

Moments Statistics

Mean	1,81
Sorting	0,70
Skewness	-0,16
Kurtosis	1,23
Uniformity Coefficient	1,90

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

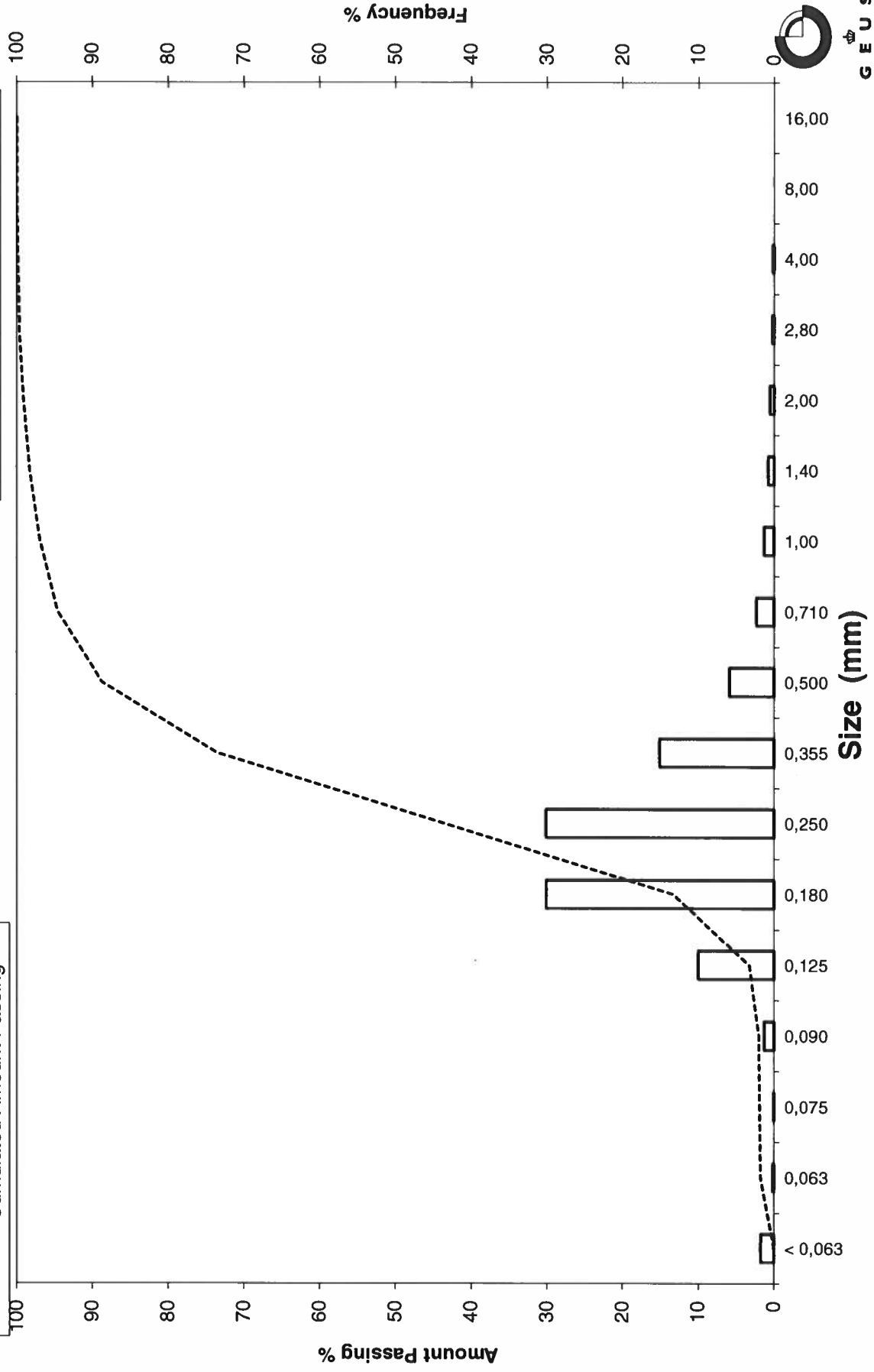
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Sample Id: A39 300-350

Grain Size Distribution

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A40 0-50
Lab. Id: 220579
Projekt Energistyrelsen
Subject: A40
Date: 02-09-2022
Executed: PS/CRL
Remarks: >4mm heraf 0,2g skaller



Total Weight 140,84 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,56	0,40	99,60
2,80	-1,49	2,41	1,71	97,89
2,00	-1,00	2,30	1,63	96,26
1,40	-0,49	3,89	2,76	93,50
1,00	0,00	25,41	18,04	75,45
0,710	0,49	15,17	10,77	64,68
0,500	1,00	21,05	14,95	49,74
0,355	1,49	22,21	15,77	33,97
0,250	2,00	25,36	18,01	15,96
0,180	2,47	14,30	10,15	5,81
0,125	3,00	4,78	3,39	2,41
0,090	3,47	0,48	0,34	2,07
0,075	3,74	0,07	0,05	2,02
0,063	3,99	0,18	0,13	1,90
< 0,063	> 3,99	2,67	1,90	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,90
Sand, fine (0,063 mm - 0,200 mm):	6,81
Sand, medium (0,2 mm - 0,6 mm):	48,15
Sand, coarse (0,6 mm - 2 mm):	39,40
Gravel (> 2 mm):	3,74
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,73	-0,79
16%	84%	1,19	-0,25
25%	75%	0,99	0,02
40%	60%	0,64	0,63
Median 50%	50%	0,50	0,99
75%	25%	0,30	1,72
84%	16%	0,25	2,00
90%	10%	0,21	2,26
95%	5%	0,17	2,58

Moments Statistics

Mean	0,91
Sorting	1,07
Skewness	-0,08
Kurtosis	0,81
Uniformity Coefficient	3,08

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

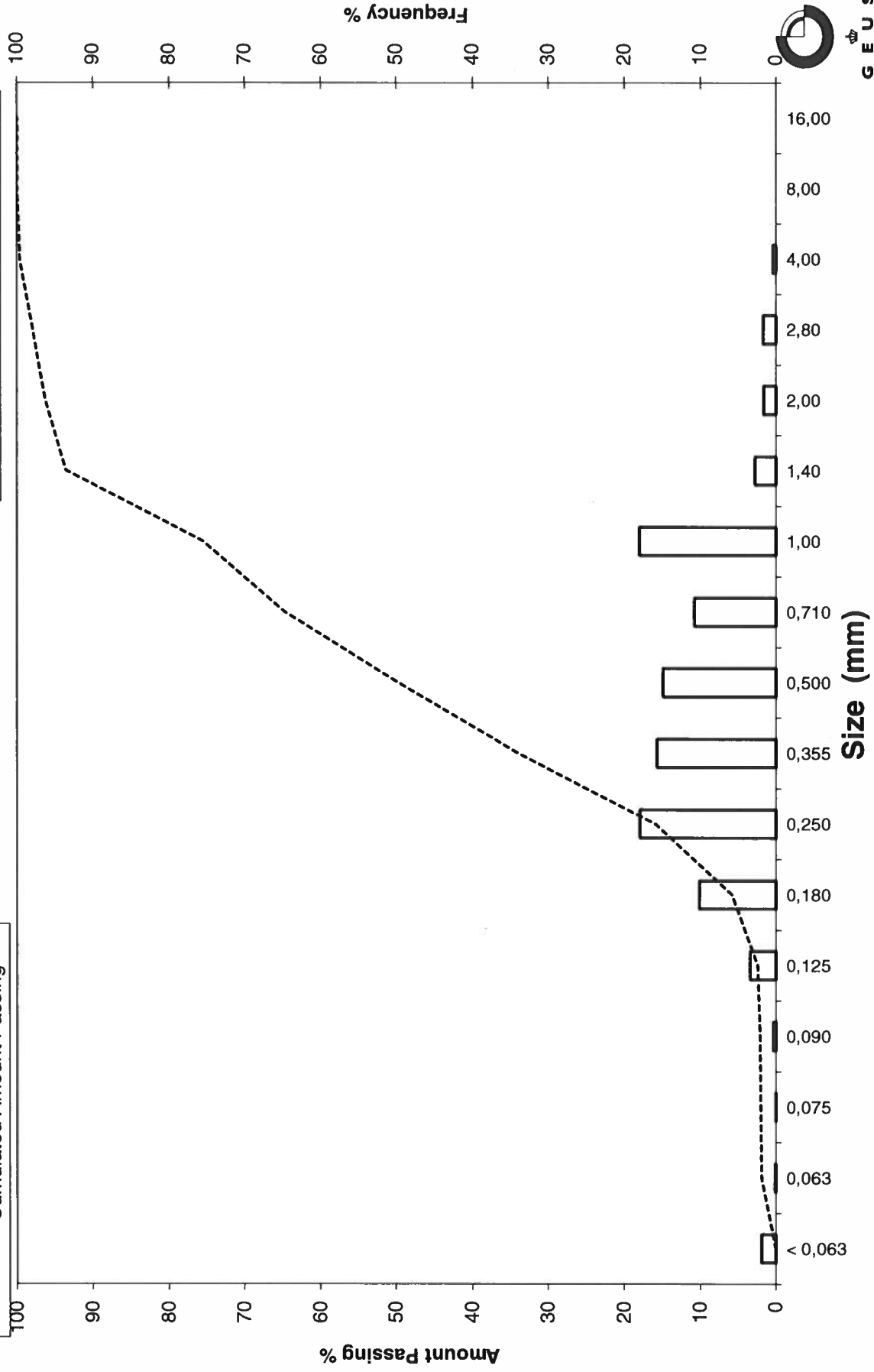
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A40 0-50

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A40 100-150
Lab. Id: 220580
Projekt Energistyrelsen
Subject: A40
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 101,73 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,15	0,15	99,85
1,40	-0,49	0,37	0,36	99,49
1,00	0,00	1,26	1,24	98,25
0,710	0,49	2,87	2,82	95,43
0,500	1,00	6,55	6,44	88,99
0,355	1,49	17,71	17,41	71,58
0,250	2,00	35,00	34,40	37,18
0,180	2,47	30,11	29,60	7,58
0,125	3,00	5,88	5,78	1,80
0,090	3,47	0,73	0,72	1,08
0,075	3,74	0,01	0,01	1,07
0,063	3,99	0,00	0,00	1,07
< 0,063	> 3,99	1,09	1,07	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,07
Sand, fine (0,063 mm - 0,200 mm):	14,96
Sand, medium (0,2 mm - 0,6 mm):	76,02
Sand, coarse (0,6 mm - 2 mm):	7,80
Gravel (> 2 mm):	0,15
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,70	0,52
16%	84%	0,46	1,13
25%	75%	0,38	1,38
40%	60%	0,32	1,65
Median 50%	50%	0,29	1,79
75%	25%	0,22	2,18
84%	16%	0,20	2,32
90%	10%	0,19	2,43
95%	5%	0,16	2,69

Moments Statistics

Mean	1,75
Sorting	0,63
Skewness	-0,14
Kurtosis	1,12
Uniformity Coefficient	1,72

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

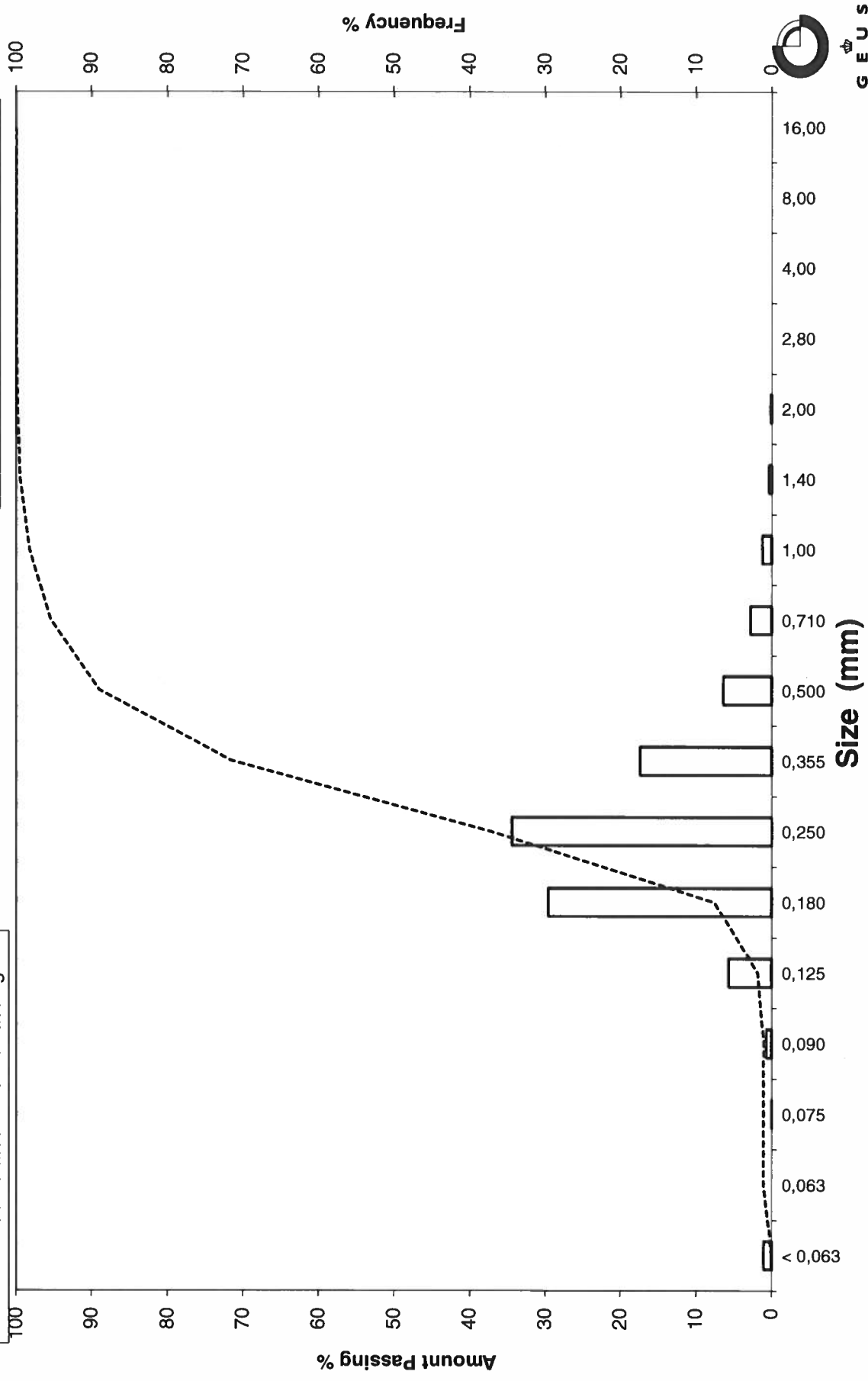
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A40 100-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A40 270-320
Lab. Id: 220581
Projekt: Energistyrelsen
Subject: A40
Date: 02-09-2022
Executed: PS/CRL
Remarks: >8mm består af skaller



Total Weight 91,15 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,53	0,58	99,42
4,00	-2,00	0,00	0,00	99,42
2,80	-1,49	0,00	0,00	99,42
2,00	-1,00	0,00	0,00	99,42
1,40	-0,49	0,05	0,05	99,36
1,00	0,00	0,15	0,16	99,20
0,710	0,49	0,24	0,26	98,94
0,500	1,00	0,85	0,93	98,00
0,355	1,49	2,14	2,35	95,66
0,250	2,00	9,18	10,07	85,58
0,180	2,47	27,60	30,28	55,30
0,125	3,00	38,04	41,73	13,57
0,090	3,47	7,96	8,73	4,84
0,075	3,74	0,59	0,65	4,19
0,063	3,99	0,41	0,45	3,74
< 0,063	> 3,99	3,41	3,74	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	3,74
Sand, fine (0,063 mm - 0,200 mm):	60,21
Sand, medium (0,2 mm - 0,6 mm):	34,49
Sand, coarse (0,6 mm - 2 mm):	0,97
Gravel (> 2 mm):	0,58
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,35	1,52
16%	84%	0,25	2,02
25%	75%	0,23	2,15
40%	60%	0,19	2,39
Median 50%	50%	0,17	2,53
75%	25%	0,14	2,84
84%	16%	0,13	2,96
90%	10%	0,11	3,18
95%	5%	0,09	3,46

Moments Statistics

Mean	2,51
Sorting	0,53
Skewness	-0,06
Kurtosis	1,16
Uniformity Coefficient	1,72

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgr-Bulletin 1988)

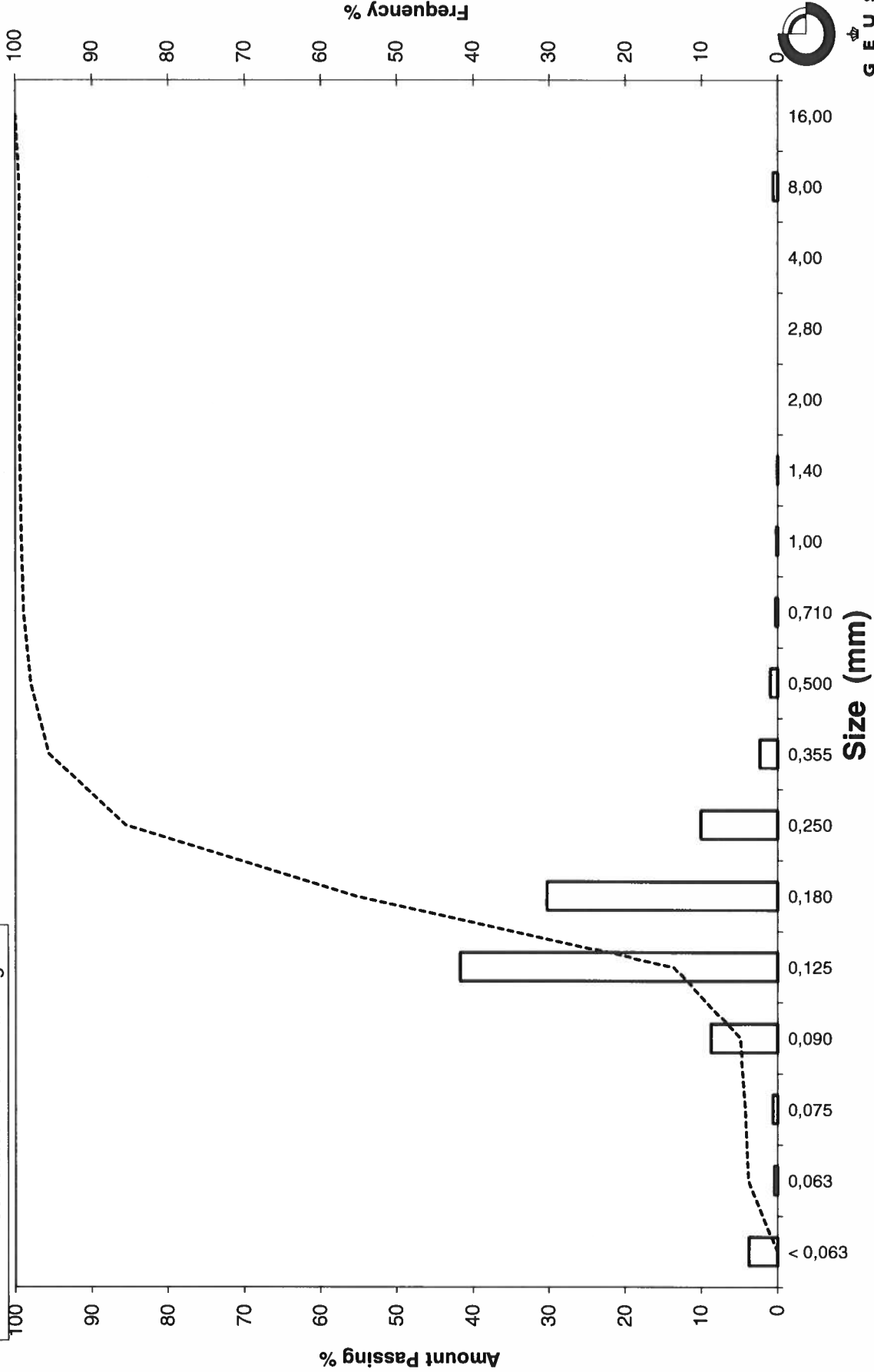
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A40 270-320

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A41 0-50
Lab. Id: 220582
Projekt: Energistyrelsen
Subject: A41
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 107,51 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,13	0,12	99,88
2,00	-1,00	0,30	0,28	99,60
1,40	-0,49	0,69	0,64	98,96
1,00	0,00	2,05	1,91	97,05
0,710	0,49	4,47	4,16	92,89
0,500	1,00	13,81	12,85	80,05
0,355	1,49	30,21	28,10	51,95
0,250	2,00	30,87	28,71	23,24
0,180	2,47	17,02	15,83	7,40
0,125	3,00	5,71	5,31	2,09
0,090	3,47	0,76	0,71	1,39
0,075	3,74	0,03	0,03	1,36
0,063	3,99	0,08	0,07	1,28
< 0,063	> 3,99	1,38	1,28	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,28
Sand, fine (0,063 mm - 0,200 mm):	10,64
Sand, medium (0,2 mm - 0,6 mm):	74,24
Sand, coarse (0,6 mm - 2 mm):	13,43
Gravel (> 2 mm):	0,40
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,86	0,22
16%	84%	0,56	0,82
25%	75%	0,47	1,08
40%	60%	0,40	1,33
Median 50%	50%	0,35	1,52
75%	25%	0,26	1,96
84%	16%	0,22	2,20
90%	10%	0,19	2,38
95%	5%	0,16	2,69

Moments Statistics

Mean	1,52
Sorting	0,72
Skewness	-0,04
Kurtosis	1,14
Uniformity Coefficient	2,07

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

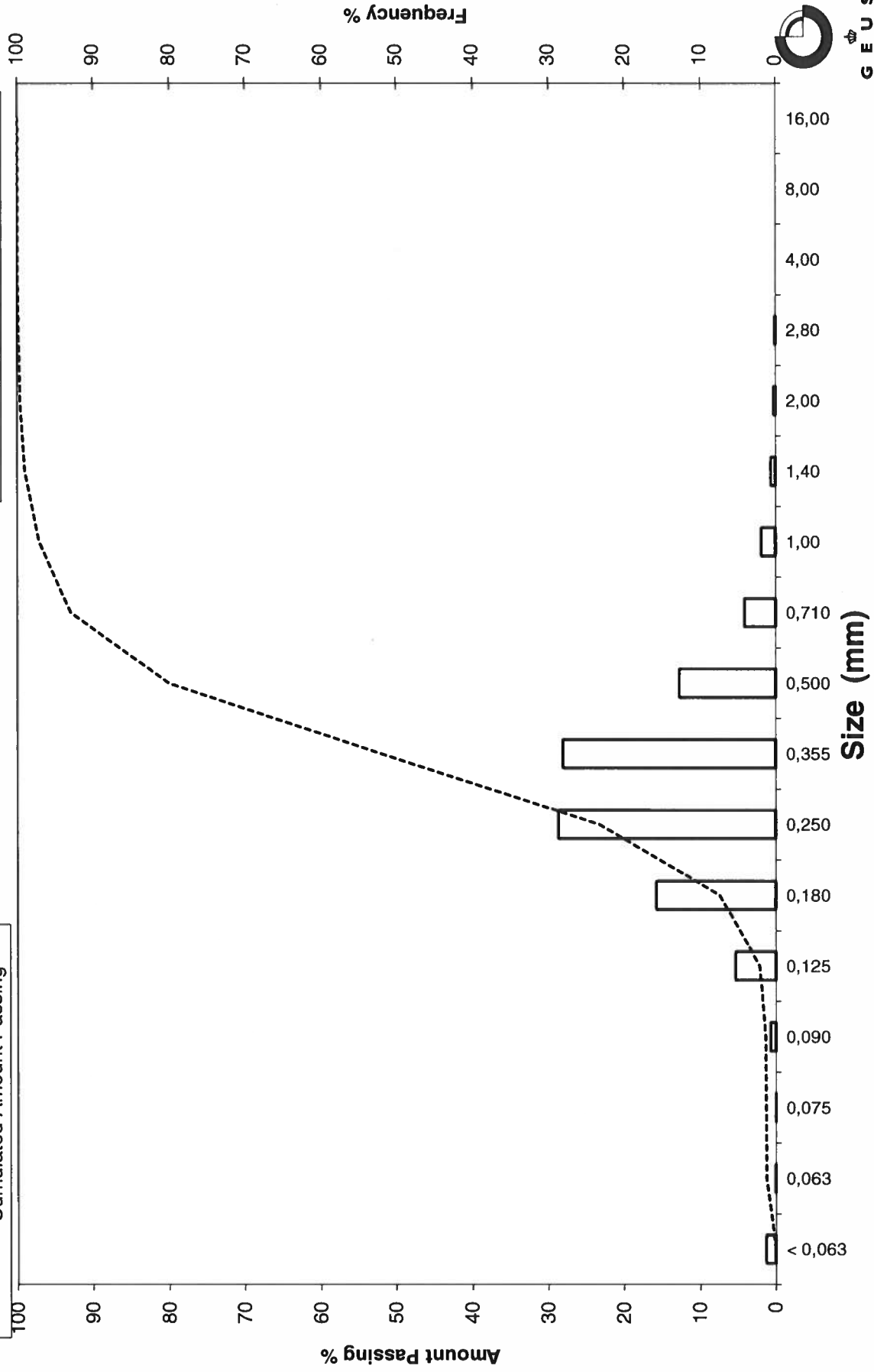
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A41 0-50

Frequency Percent
Cumulated Amount Passing



GEUS

Grain Size Distribution

Geotechnical

Sample Id: A41 100-150
Lab. Id: 220583
Projekt: Energistyrelsen
Subject: A41
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 90,72 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,03	0,03	99,97
1,00	0,00	0,11	0,12	99,85
0,710	0,49	0,19	0,21	99,64
0,500	1,00	0,55	0,61	99,03
0,355	1,49	0,93	1,03	98,00
0,250	2,00	3,57	3,94	94,07
0,180	2,47	15,94	17,57	76,50
0,125	3,00	46,30	51,04	25,46
0,090	3,47	16,38	18,06	7,41
0,075	3,74	0,94	1,04	6,37
0,063	3,99	0,40	0,44	5,93
< 0,063	> 3,99	5,38	5,93	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	5,93
Sand, fine (0,063 mm - 0,200 mm):	75,59
Sand, medium (0,2 mm - 0,6 mm):	17,80
Sand, coarse (0,6 mm - 2 mm):	0,68
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,27	1,86
16%	84%	0,21	2,25
25%	75%	0,18	2,49
40%	60%	0,16	2,62
Median 50%	50%	0,15	2,72
75%	25%	0,12	3,01
84%	16%	0,11	3,23
90%	10%	0,10	3,40
95%	5%	-----	-----

Moments Statistics

Mean	2,73
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	1,71

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

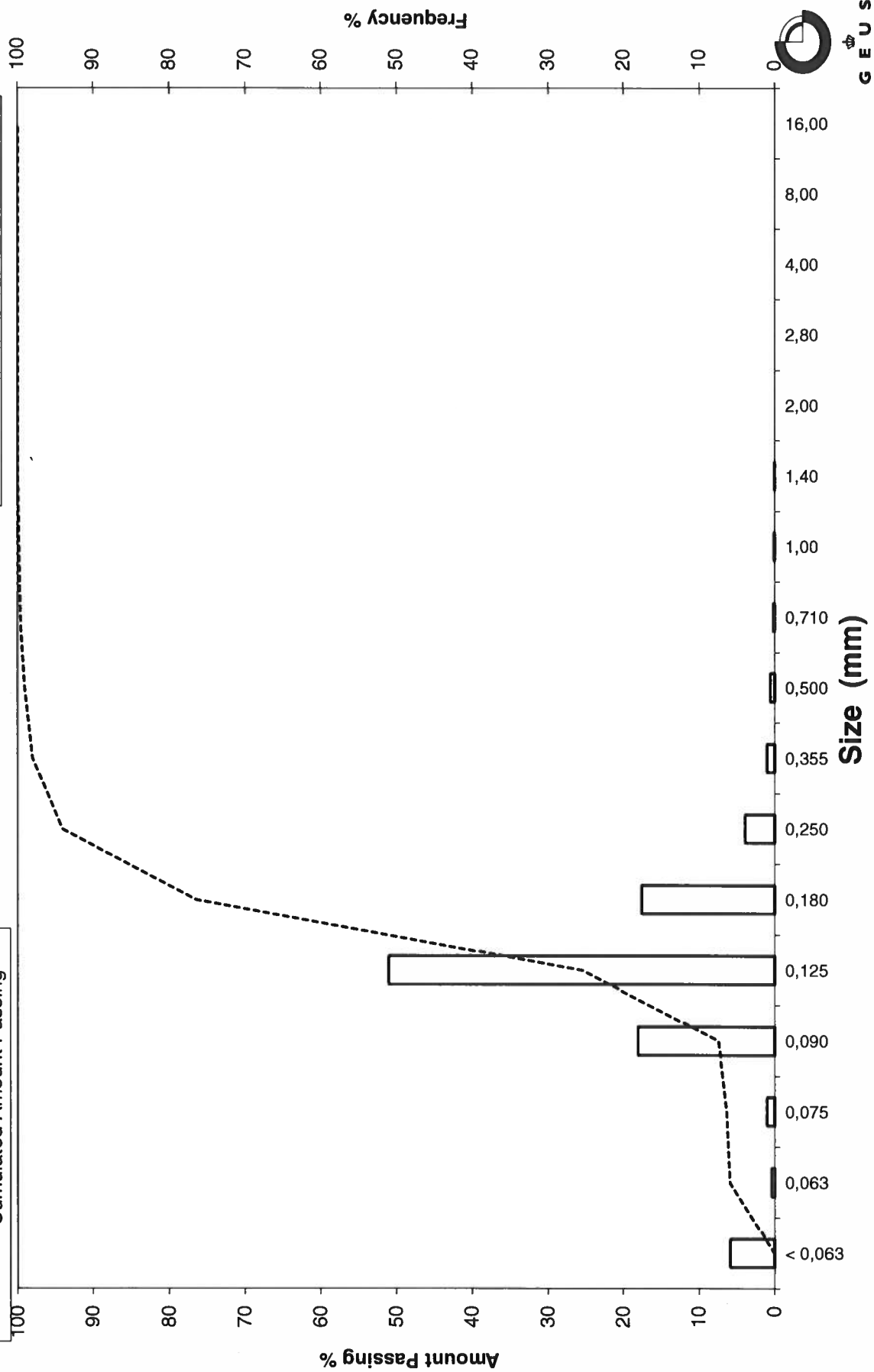
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A41 100-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A41 200-250
Lab. Id: 220584
Projekt: Energistyrelsen
Subject: A41
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 89,1 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,07	0,08	99,92
1,00	0,00	0,11	0,12	99,80
0,710	0,49	0,16	0,18	99,62
0,500	1,00	0,25	0,28	99,34
0,355	1,49	0,35	0,39	98,95
0,250	2,00	1,17	1,31	97,63
0,180	2,47	12,00	13,47	84,16
0,125	3,00	40,36	45,30	38,87
0,090	3,47	23,09	25,91	12,95
0,075	3,74	1,40	1,57	11,38
0,063	3,99	0,54	0,61	10,77
< 0,063	> 3,99	9,60	10,77	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	10,77
Sand, fine (0,063 mm - 0,200 mm):	77,24
Sand, medium (0,2 mm - 0,6 mm):	11,46
Sand, coarse (0,6 mm - 2 mm):	0,53
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,24	2,08
16%	84%	0,18	2,48
25%	75%	0,17	2,57
40%	60%	0,15	2,73
Median 50%	50%	0,14	2,85
75%	25%	0,11	3,23
84%	16%	0,09	3,41
90%	10%	-----	-----
95%	5%	-----	-----

Moments Statistics

Mean	2,91
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	-----

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

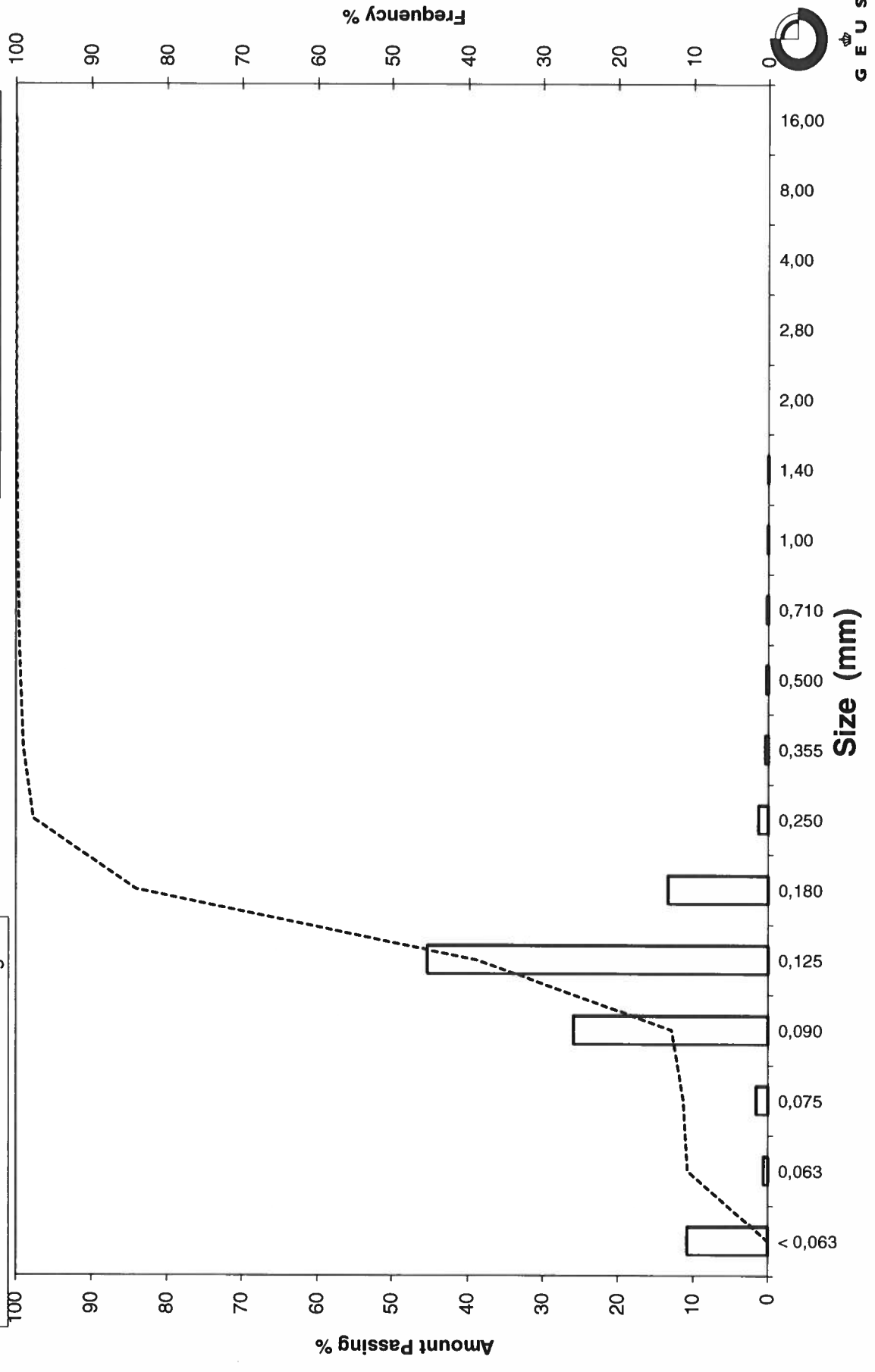
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A41 200-250

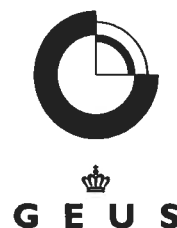
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A43 0-50
Lab. Id: 220585
Projekt: Energistyrelsen
Subject: A43
Date: 02-09-2022
Executed: PS/CRL
Remarks: >4mm heraf 0,1g skaller



Total Weight 114,93 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,16	0,14	99,86
2,80	-1,49	1,27	1,11	98,76
2,00	-1,00	1,16	1,01	97,75
1,40	-0,49	0,92	0,80	96,95
1,00	0,00	4,65	4,05	92,90
0,710	0,49	9,23	8,03	84,87
0,500	1,00	19,95	17,36	67,51
0,355	1,49	28,65	24,93	42,58
0,250	2,00	33,50	29,15	13,43
0,180	2,47	12,37	10,76	2,67
0,125	3,00	2,01	1,75	0,92
0,090	3,47	0,15	0,13	0,79
0,075	3,74	0,01	0,01	0,78
0,063	3,99	0,00	0,00	0,78
< 0,063	> 3,99	0,90	0,78	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,78
Sand, fine (0,063 mm - 0,200 mm):	4,96
Sand, medium (0,2 mm - 0,6 mm):	70,03
Sand, coarse (0,6 mm - 2 mm):	21,97
Gravel (> 2 mm):	2,25
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,21	-0,27
16%	84%	0,70	0,52
25%	75%	0,59	0,76
40%	60%	0,46	1,13
Median 50%	50%	0,40	1,33
75%	25%	0,29	1,78
84%	16%	0,26	1,95
90%	10%	0,23	2,14
95%	5%	0,20	2,36

Moments Statistics

Mean	1,26
Sorting	0,76
Skewness	-0,18
Kurtosis	1,06
Uniformity Coefficient	2,00

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%}$ / $d_{10\%}$) (dgf-Bulletin 1988)

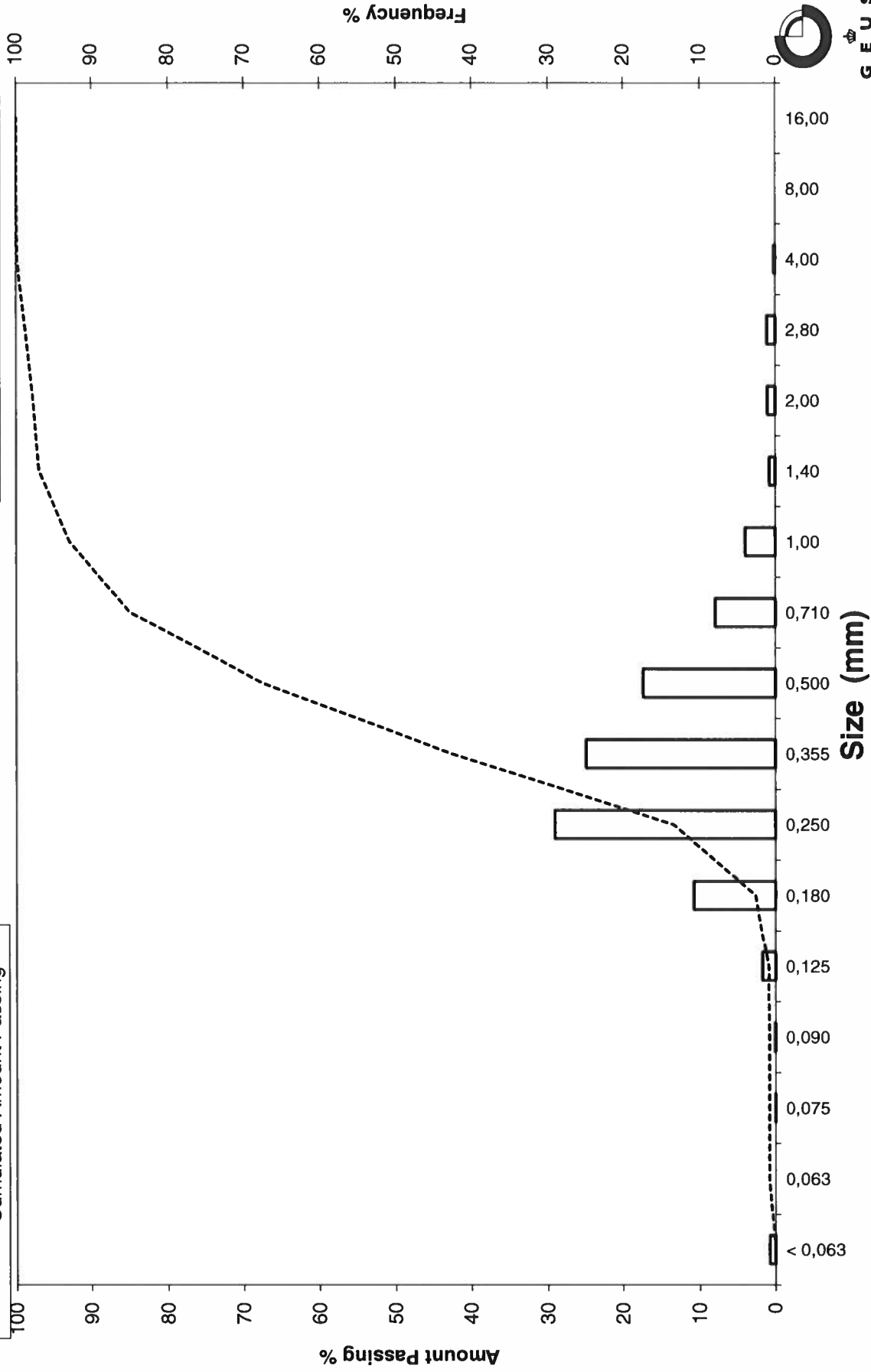
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A43 0-50

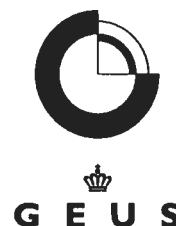
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A43 100-150
Lab. Id: 220586
Projekt: Energistyrelsen
Subject: A43
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 105,76 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	1,24	1,17	98,83
2,00	-1,00	2,16	2,04	96,79
1,40	-0,49	1,80	1,70	95,08
1,00	0,00	3,51	3,32	91,76
0,710	0,49	6,91	6,53	85,23
0,500	1,00	14,69	13,89	71,34
0,355	1,49	29,37	27,77	43,57
0,250	2,00	31,59	29,87	13,70
0,180	2,47	11,70	11,06	2,64
0,125	3,00	1,40	1,32	1,31
0,090	3,47	0,18	0,17	1,14
0,075	3,74	0,00	0,00	1,14
0,063	3,99	0,00	0,00	1,14
< 0,063	> 3,99	1,21	1,14	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,14
Sand, fine (0,063 mm - 0,200 mm):	4,65
Sand, medium (0,2 mm - 0,6 mm):	72,16
Sand, coarse (0,6 mm - 2 mm):	18,83
Gravel (> 2 mm):	3,21
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,39	-0,48
16%	84%	0,69	0,53
25%	75%	0,56	0,85
40%	60%	0,44	1,18
Median 50%	50%	0,39	1,36
75%	25%	0,29	1,79
84%	16%	0,26	1,95
90%	10%	0,23	2,14
95%	5%	0,19	2,36

Moments Statistics

Mean	1,28
Sorting	0,78
Skewness	-0,23
Kurtosis	1,24
Uniformity Coefficient	1,95

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

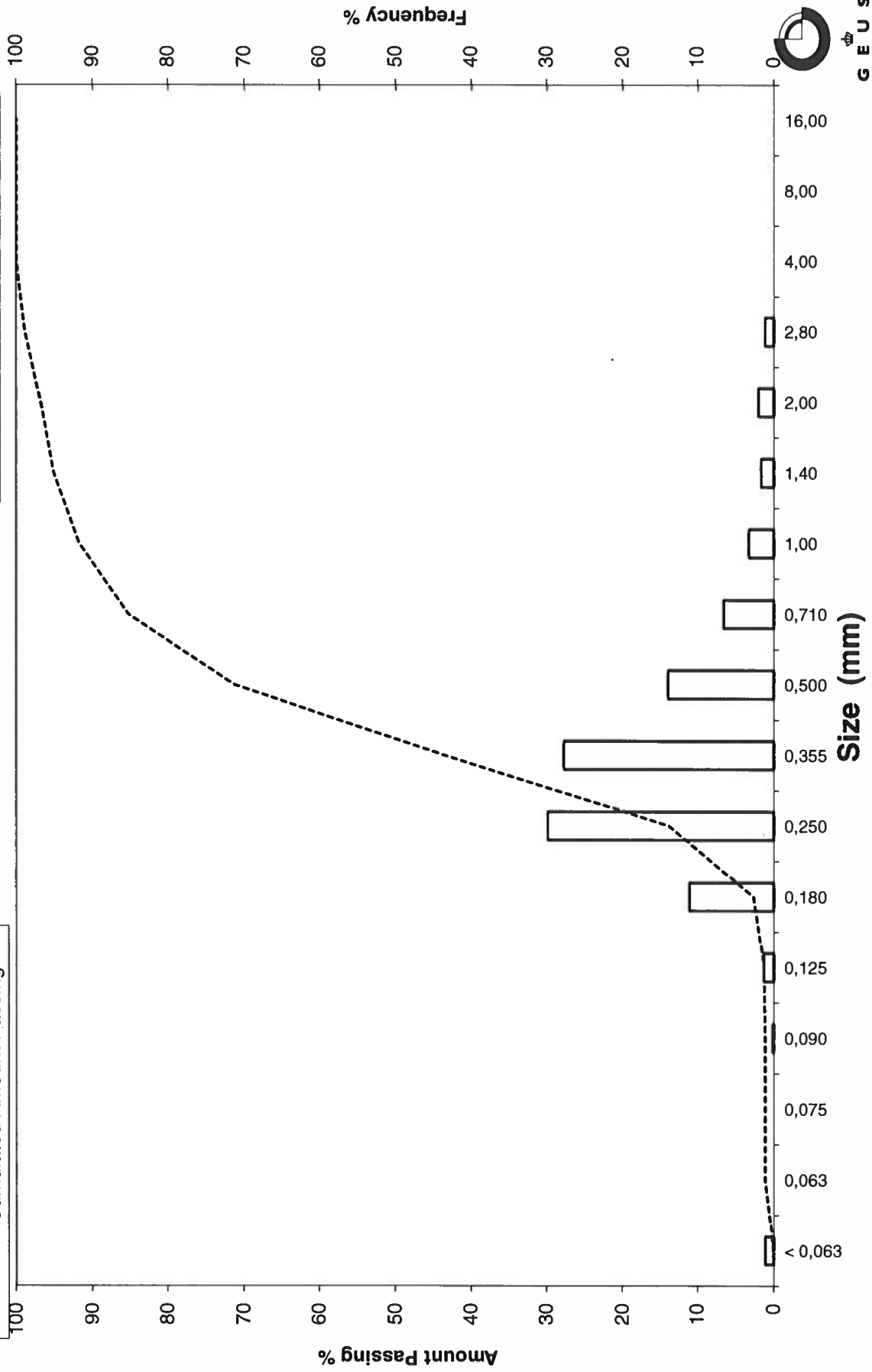
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A43 100-150

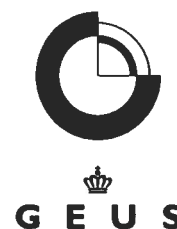
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A43 200-250
Lab. Id: 220587
Projekt Energistyrelsen
Subject: A43
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 102,7 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,37	0,36	99,64
2,00	-1,00	0,37	0,36	99,28
1,40	-0,49	0,40	0,39	98,89
1,00	0,00	2,56	2,49	96,40
0,710	0,49	5,73	5,58	90,82
0,500	1,00	16,44	16,01	74,81
0,355	1,49	24,56	23,91	50,90
0,250	2,00	33,15	32,28	18,62
0,180	2,47	15,38	14,98	3,64
0,125	3,00	2,78	2,71	0,93
0,090	3,47	0,17	0,17	0,77
0,075	3,74	0,00	0,00	0,77
0,063	3,99	0,00	0,00	0,77
< 0,063	> 3,99	0,79	0,77	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,77
Sand, fine (0,063 mm - 0,200 mm):	7,15
Sand, medium (0,2 mm - 0,6 mm):	74,51
Sand, coarse (0,6 mm - 2 mm):	16,85
Gravel (> 2 mm):	0,72
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,93	0,11
16%	84%	0,62	0,69
25%	75%	0,50	0,99
40%	60%	0,41	1,29
Median 50%	50%	0,35	1,51
75%	25%	0,27	1,88
84%	16%	0,24	2,07
90%	10%	0,21	2,25
95%	5%	0,19	2,42

Moments Statistics

Mean	1,42
Sorting	0,70
Skewness	-0,19
Kurtosis	1,06
Uniformity Coefficient	1,96

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

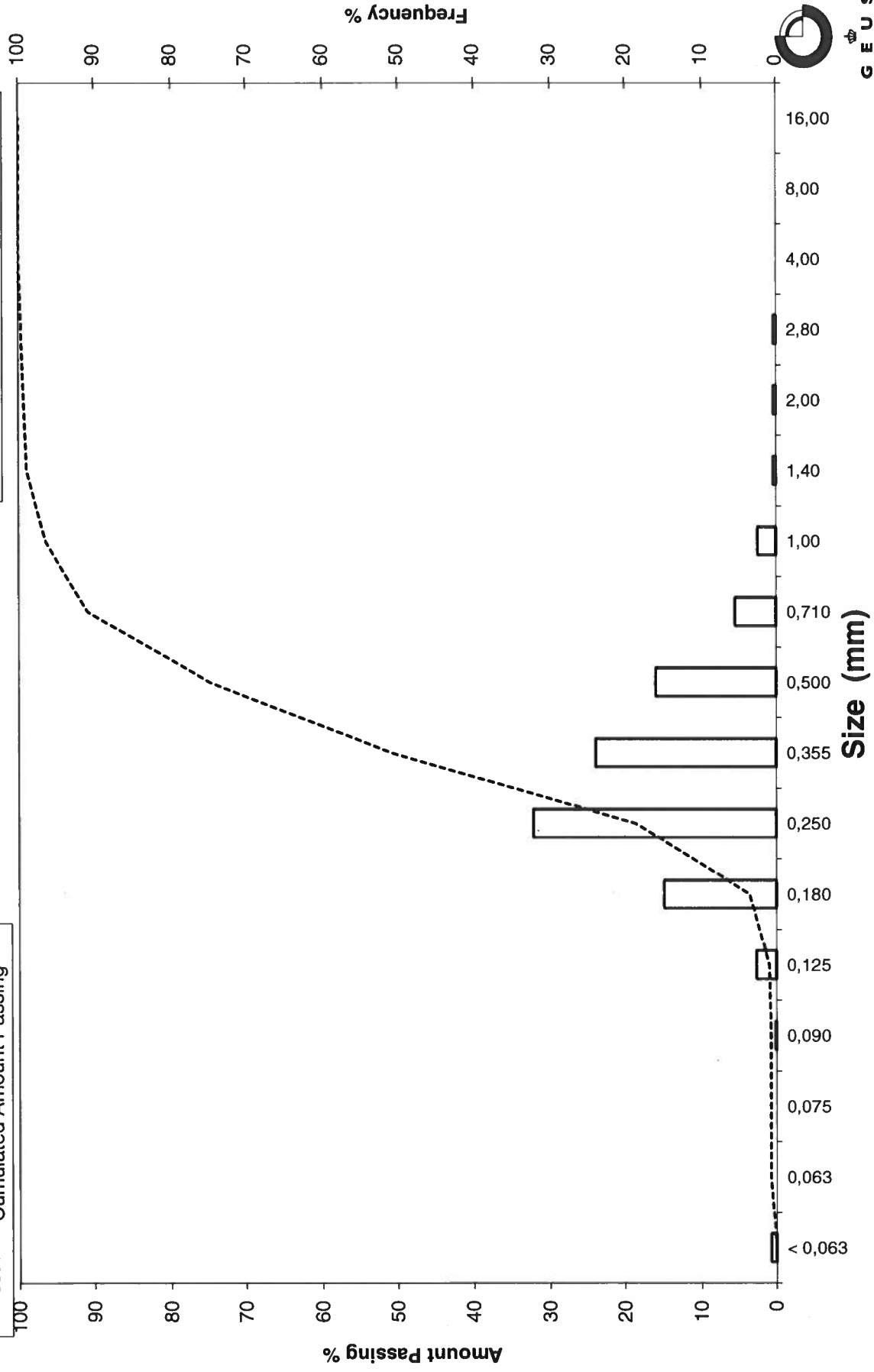
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A43 200-250

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A43 300-350
Lab. Id: 220588
Projekt: Energistyrelsen
Subject: A43
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 108,83 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,05	0,05	99,95
1,40	-0,49	0,42	0,39	99,57
1,00	0,00	1,38	1,27	98,30
0,710	0,49	4,90	4,50	93,80
0,500	1,00	13,66	12,55	81,25
0,355	1,49	30,49	28,02	53,23
0,250	2,00	37,26	34,24	18,99
0,180	2,47	16,80	15,44	3,56
0,125	3,00	2,30	2,11	1,44
0,090	3,47	0,28	0,26	1,19
0,075	3,74	0,01	0,01	1,18
0,063	3,99	0,03	0,03	1,15
< 0,063	> 3,99	1,25	1,15	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,15
Sand, fine (0,063 mm - 0,200 mm):	6,82
Sand, medium (0,2 mm - 0,6 mm):	79,26
Sand, coarse (0,6 mm - 2 mm):	12,73
Gravel (> 2 mm):	0,05
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,79	0,34
16%	84%	0,55	0,87
25%	75%	0,47	1,10
40%	60%	0,39	1,36
Median 50%	50%	0,35	1,53
75%	25%	0,27	1,90
84%	16%	0,24	2,08
90%	10%	0,21	2,26
95%	5%	0,19	2,42

Moments Statistics

Mean	1,50
Sorting	0,62
Skewness	-0,12
Kurtosis	1,06
Uniformity Coefficient	1,86

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

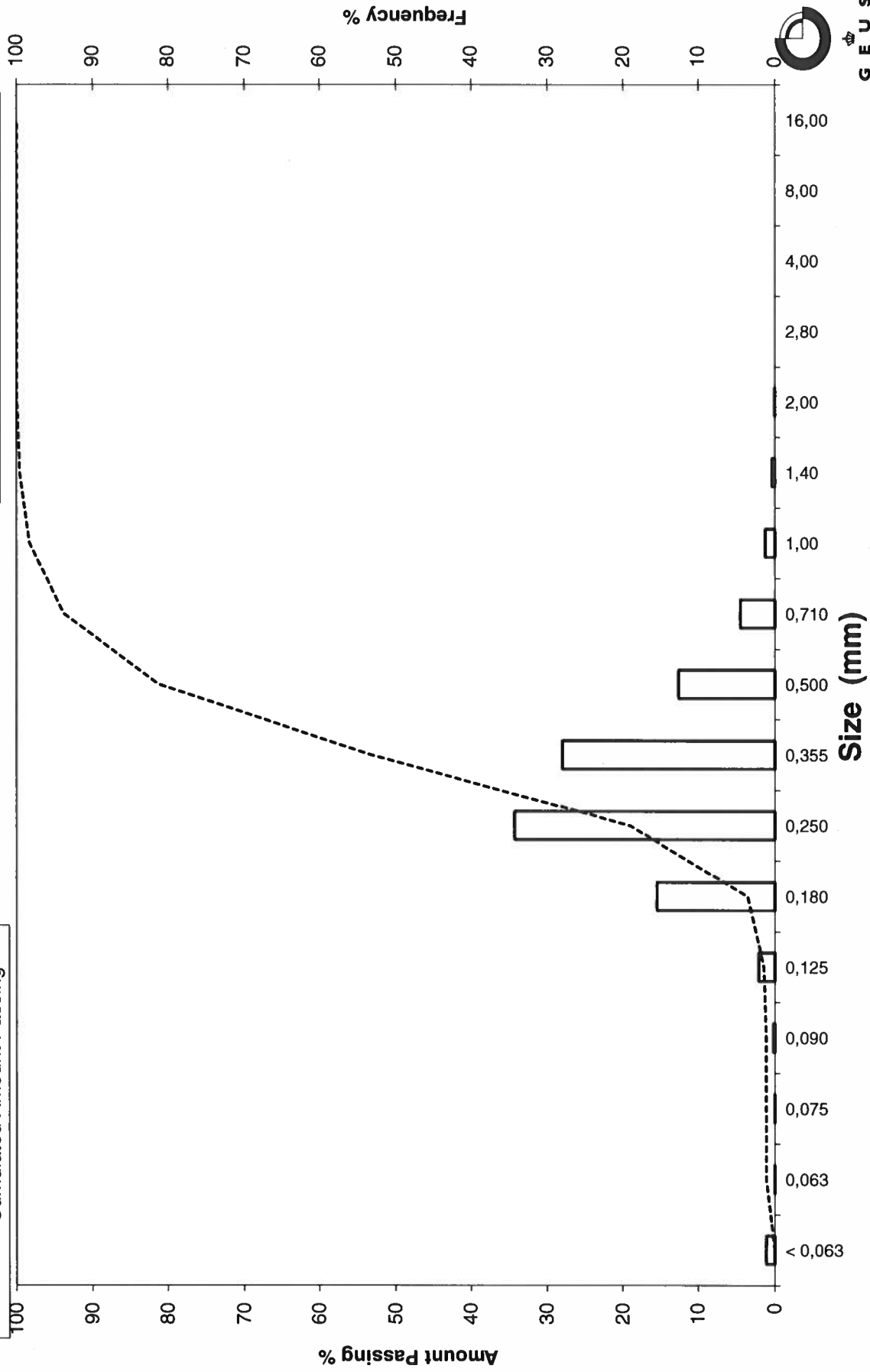
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A43 300-350

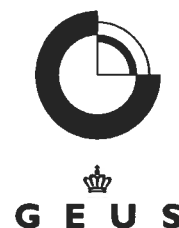
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A46 0-50
Lab. Id: 220589
Projekt: Energistyrelsen
Subject: A46
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 113,51 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,02	0,02	99,98
2,00	-1,00	0,45	0,40	99,59
1,40	-0,49	1,45	1,28	98,31
1,00	0,00	11,38	10,03	88,28
0,710	0,49	17,99	15,85	72,43
0,500	1,00	27,73	24,43	48,00
0,355	1,49	22,52	19,84	28,16
0,250	2,00	20,06	17,67	10,49
0,180	2,47	8,73	7,69	2,80
0,125	3,00	2,02	1,78	1,02
0,090	3,47	0,14	0,12	0,90
0,075	3,74	0,00	0,00	0,90
0,063	3,99	0,00	0,00	0,90
< 0,063	> 3,99	1,02	0,90	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,90
Sand, fine (0,063 mm - 0,200 mm):	4,10
Sand, medium (0,2 mm - 0,6 mm):	54,64
Sand, coarse (0,6 mm - 2 mm):	39,95
Gravel (> 2 mm):	0,41
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,27	-0,34
16%	84%	0,92	0,12
25%	75%	0,76	0,40
40%	60%	0,60	0,73
Median 50%	50%	0,52	0,95
75%	25%	0,34	1,57
84%	16%	0,28	1,82
90%	10%	0,25	2,03
95%	5%	0,20	2,32

Moments Statistics

Mean	0,96
Sorting	0,83
Skewness	0,03
Kurtosis	0,93
Uniformity Coefficient	2,46

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

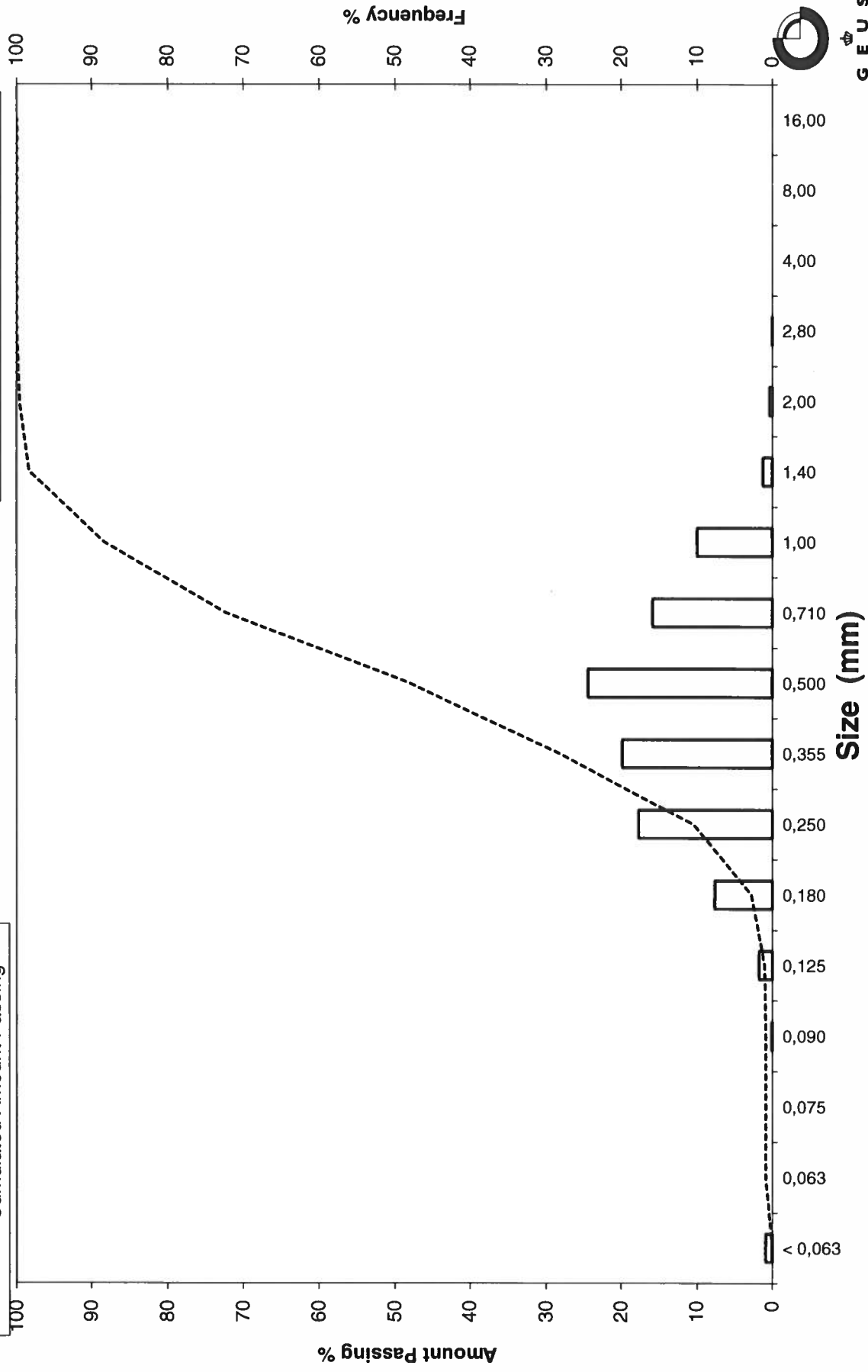
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A46 0-50

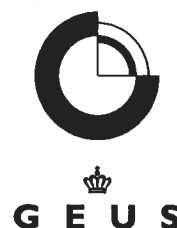
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A46 100-150
Lab. Id: 220590
Projekt: Energistyrelsen
Subject: A46
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 101,36 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,23	0,23	99,77
2,80	-1,49	0,00	0,00	99,77
2,00	-1,00	0,00	0,00	99,77
1,40	-0,49	0,06	0,06	99,71
1,00	0,00	0,69	0,68	99,03
0,710	0,49	3,24	3,20	95,84
0,500	1,00	9,45	9,32	86,51
0,355	1,49	20,79	20,51	66,00
0,250	2,00	35,82	35,34	30,66
0,180	2,47	24,53	24,20	6,46
0,125	3,00	4,88	4,81	1,65
0,090	3,47	0,67	0,66	0,99
0,075	3,74	0,05	0,05	0,94
0,063	3,99	0,08	0,08	0,86
< 0,063	> 3,99	0,87	0,86	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,86
Sand, fine (0,063 mm - 0,200 mm):	12,52
Sand, medium (0,2 mm - 0,6 mm):	77,58
Sand, coarse (0,6 mm - 2 mm):	8,82
Gravel (> 2 mm):	0,23
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,69	0,53
16%	84%	0,48	1,05
25%	75%	0,42	1,26
40%	60%	0,34	1,57
Median 50%	50%	0,31	1,70
75%	25%	0,23	2,10
84%	16%	0,21	2,27
90%	10%	0,19	2,39
95%	5%	0,16	2,61

Moments Statistics

Mean	1,67
Sorting	0,62
Skewness	-0,10
Kurtosis	1,01
Uniformity Coefficient	1,77

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

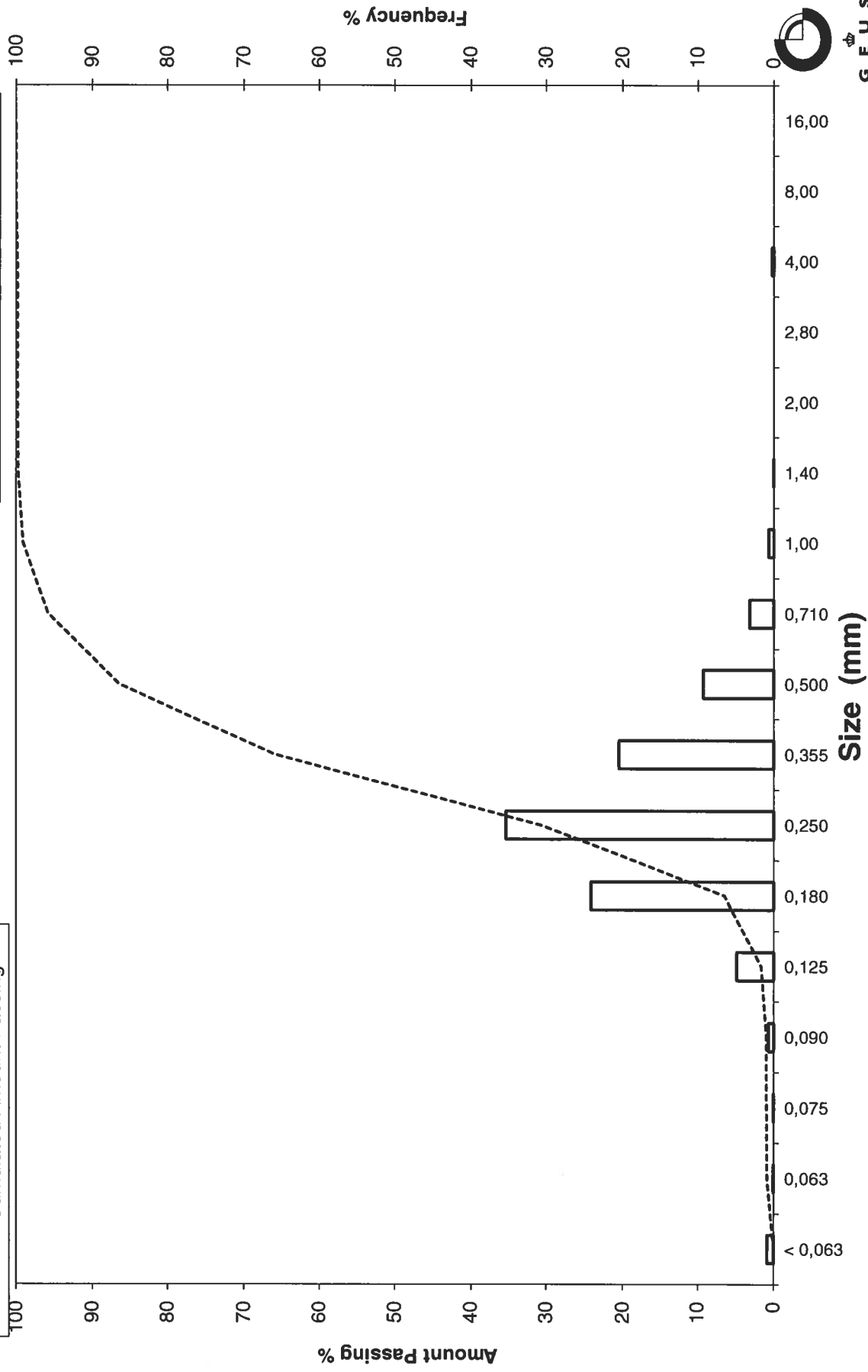
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A46 100-150

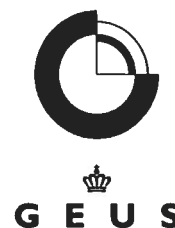
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A46 200-250
Lab. Id: 220591
Projekt: Energistyrrelsen
Subject: A46
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 112,31 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,13	0,12	99,88
2,00	-1,00	0,43	0,38	99,50
1,40	-0,49	1,28	1,14	98,36
1,00	0,00	8,00	7,12	91,24
0,710	0,49	13,59	12,10	79,14
0,500	1,00	17,98	16,01	63,13
0,355	1,49	19,45	17,32	45,81
0,250	2,00	26,16	23,29	22,52
0,180	2,47	17,55	15,63	6,89
0,125	3,00	6,10	5,43	1,46
0,090	3,47	0,54	0,48	0,98
0,075	3,74	0,04	0,04	0,94
0,063	3,99	0,02	0,02	0,93
< 0,063	> 3,99	1,04	0,93	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,93
Sand, fine (0,063 mm - 0,200 mm):	10,43
Sand, medium (0,2 mm - 0,6 mm):	59,40
Sand, coarse (0,6 mm - 2 mm):	28,75
Gravel (> 2 mm):	0,50
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,21	-0,28
16%	84%	0,83	0,27
25%	75%	0,66	0,61
40%	60%	0,47	1,08
Median 50%	50%	0,39	1,36
75%	25%	0,26	1,94
84%	16%	0,22	2,18
90%	10%	0,19	2,37
95%	5%	0,16	2,64

Moments Statistics

Mean	1,27
Sorting	0,92
Skewness	-0,13
Kurtosis	0,90
Uniformity Coefficient	2,44

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

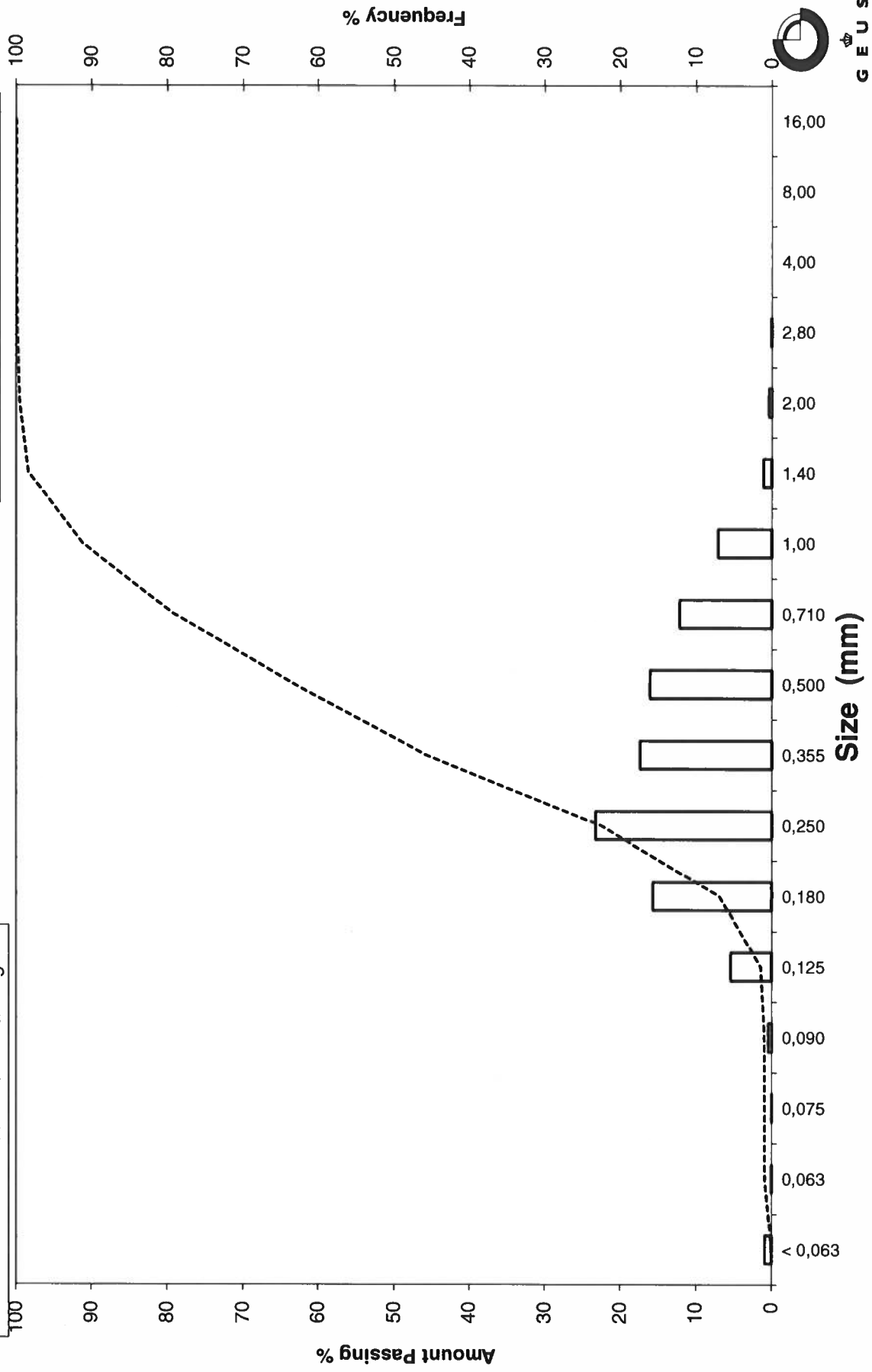
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A46 200-250

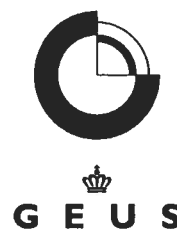
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A48 24-74
Lab. Id: 220592
Projekt: Energistyrelsen
Subject: A48
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 111,72 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,85	0,76	99,24
2,00	-1,00	1,82	1,63	97,61
1,40	-0,49	2,43	2,18	95,44
1,00	0,00	4,46	3,99	91,44
0,710	0,49	9,83	8,80	82,64
0,500	1,00	19,79	17,71	64,93
0,355	1,49	29,30	26,23	38,70
0,250	2,00	30,21	27,04	11,66
0,180	2,47	10,79	9,66	2,01
0,125	3,00	1,12	1,00	1,00
0,090	3,47	0,16	0,14	0,86
0,075	3,74	0,00	0,00	0,86
0,063	3,99	0,00	0,00	0,86
< 0,063	> 3,99	0,96	0,86	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,86
Sand, fine (0,063 mm - 0,200 mm):	3,91
Sand, medium (0,2 mm - 0,6 mm):	68,60
Sand, coarse (0,6 mm - 2 mm):	24,24
Gravel (> 2 mm):	2,39
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,36	-0,44
16%	84%	0,75	0,41
25%	75%	0,62	0,69
40%	60%	0,47	1,08
Median 50%	50%	0,42	1,26
75%	25%	0,30	1,73
84%	16%	0,27	1,91
90%	10%	0,24	2,07
95%	5%	0,20	2,31

Moments Statistics

Mean	1,19
Sorting	0,79
Skewness	-0,19
Kurtosis	1,09
Uniformity Coefficient	1,99

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

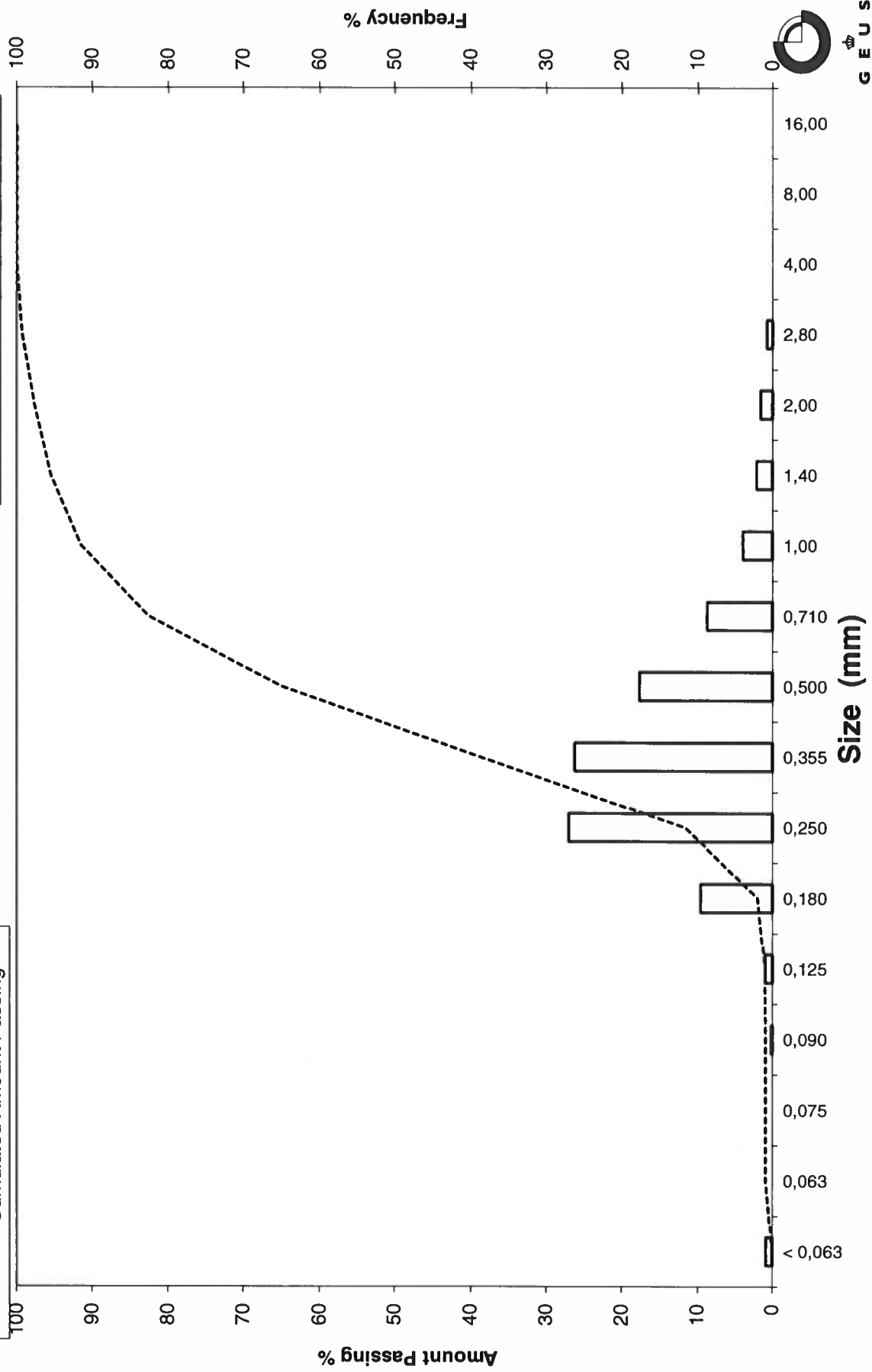
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A48 24-74

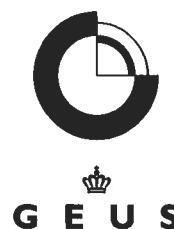
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A48 125-175
Lab. Id: 220593
Projekt: Energistyrelsen
Subject: A48
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 104,46 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,06	0,06	99,94
1,00	0,00	0,37	0,35	99,59
0,710	0,49	1,65	1,58	98,01
0,500	1,00	9,89	9,47	88,54
0,355	1,49	20,95	20,06	68,49
0,250	2,00	41,89	40,10	28,38
0,180	2,47	24,27	23,23	5,15
0,125	3,00	4,02	3,85	1,30
0,090	3,47	0,34	0,33	0,98
0,075	3,74	0,03	0,03	0,95
0,063	3,99	0,02	0,02	0,93
< 0,063	> 3,99	0,97	0,93	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,93
Sand, fine (0,063 mm - 0,200 mm):	10,86
Sand, medium (0,2 mm - 0,6 mm):	81,26
Sand, coarse (0,6 mm - 2 mm):	6,95
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,64	0,64
16%	84%	0,47	1,10
25%	75%	0,40	1,31
40%	60%	0,33	1,59
Median 50%	50%	0,31	1,71
75%	25%	0,24	2,06
84%	16%	0,21	2,23
90%	10%	0,19	2,36
95%	5%	0,18	2,49

Moments Statistics

Mean	1,68
Sorting	0,56
Skewness	-0,11
Kurtosis	1,02
Uniformity Coefficient	1,71

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

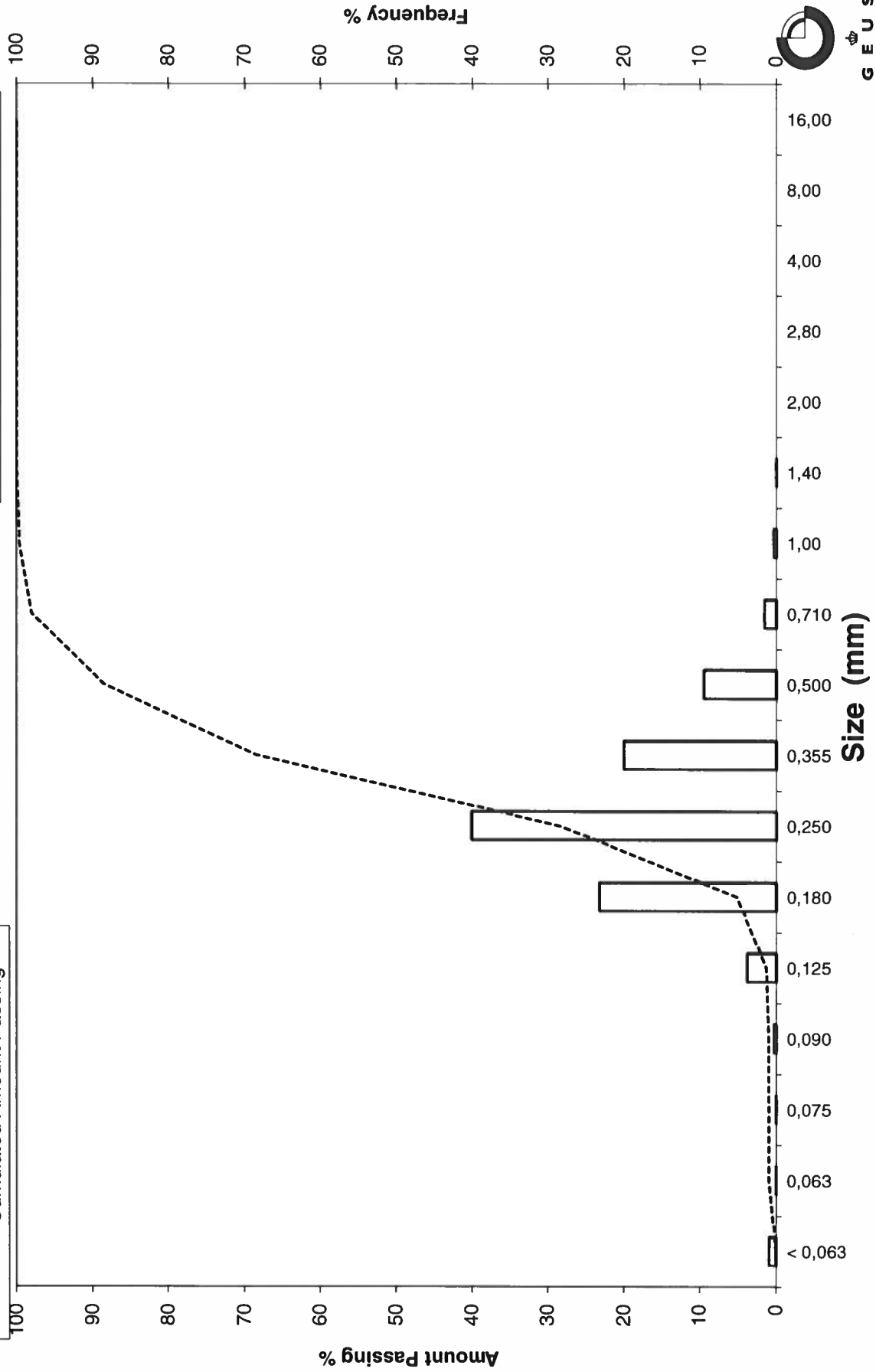
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A48 125-175

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A48 225-275
Lab. Id: 220594
Projekt: Energistyrelsen
Subject: A48
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 106,59 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,17	0,16	99,84
1,00	0,00	0,97	0,91	98,93
0,710	0,49	4,12	3,87	95,07
0,500	1,00	11,96	11,22	83,84
0,355	1,49	25,44	23,87	59,98
0,250	2,00	37,73	35,40	24,58
0,180	2,47	21,27	19,95	4,63
0,125	3,00	3,08	2,89	1,74
0,090	3,47	0,42	0,39	1,34
0,075	3,74	0,01	0,01	1,33
0,063	3,99	0,02	0,02	1,31
< 0,063	> 3,99	1,40	1,31	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,31
Sand, fine (0,063 mm - 0,200 mm):	9,01
Sand, medium (0,2 mm - 0,6 mm):	78,86
Sand, coarse (0,6 mm - 2 mm):	10,81
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,71	0,50
16%	84%	0,50	0,99
25%	75%	0,45	1,16
40%	60%	0,36	1,49
Median 50%	50%	0,33	1,62
75%	25%	0,25	1,99
84%	16%	0,22	2,19
90%	10%	0,20	2,33
95%	5%	0,18	2,46

Moments Statistics

Mean	1,60
Sorting	0,60
Skewness	-0,10
Kurtosis	0,97
Uniformity Coefficient	1,79

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

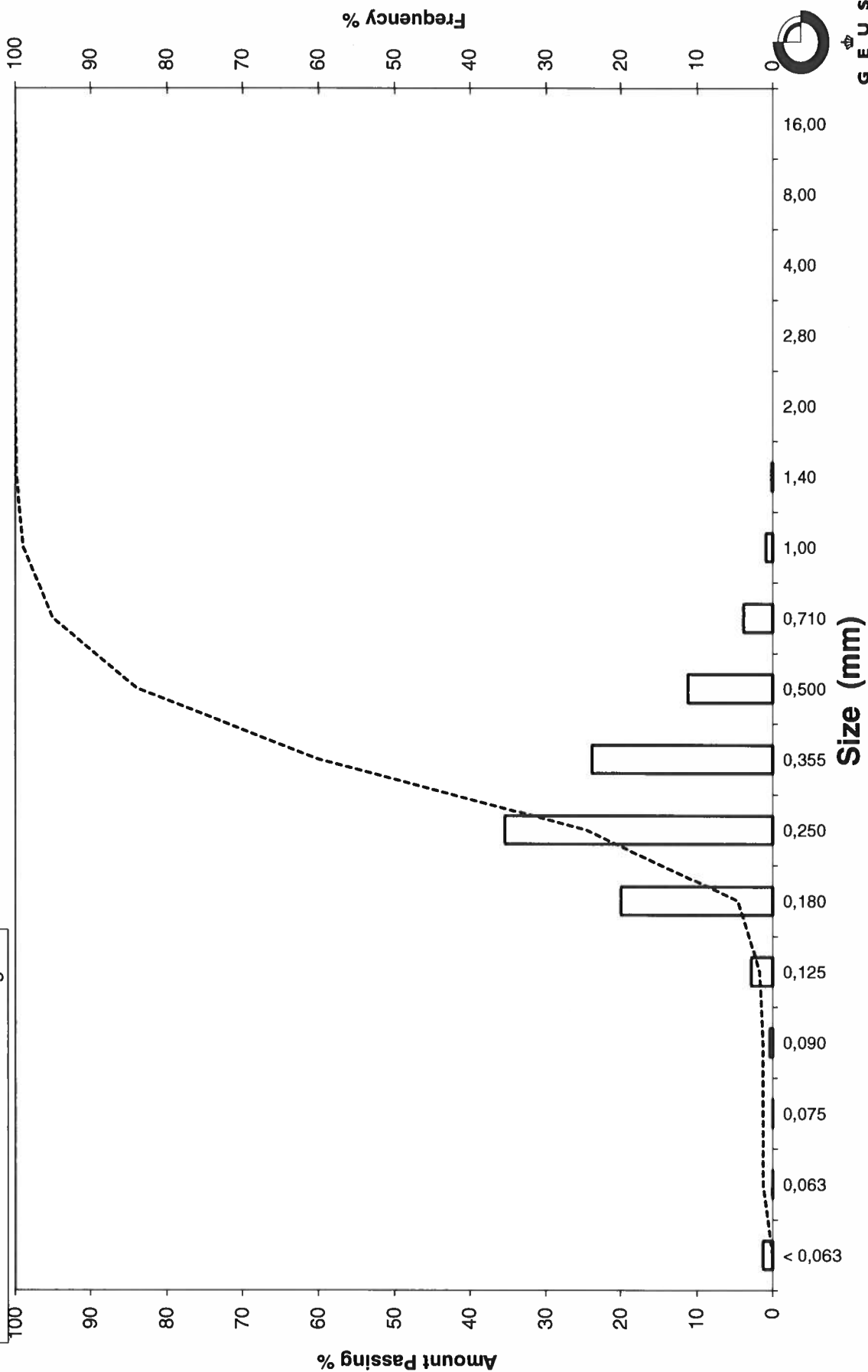
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A48 225-275

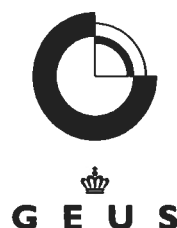
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A48 325-375
Lab. Id: 220595
Projekt: Energistyrelsen
Subject: A48
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 106,1 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,14	0,13	99,87
1,40	-0,49	0,45	0,42	99,44
1,00	0,00	1,54	1,45	97,99
0,710	0,49	3,82	3,60	94,39
0,500	1,00	12,12	11,42	82,97
0,355	1,49	19,68	18,55	64,42
0,250	2,00	38,03	35,84	28,58
0,180	2,47	23,73	22,37	6,21
0,125	3,00	5,11	4,82	1,39
0,090	3,47	0,38	0,36	1,04
0,075	3,74	0,01	0,01	1,03
0,063	3,99	0,00	0,00	1,03
< 0,063	> 3,99	1,09	1,03	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,03
Sand, fine (0,063 mm - 0,200 mm):	11,57
Sand, medium (0,2 mm - 0,6 mm):	75,81
Sand, coarse (0,6 mm - 2 mm):	11,46
Gravel (> 2 mm):	0,13
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,76	0,40
16%	84%	0,52	0,95
25%	75%	0,44	1,19
40%	60%	0,34	1,55
Median 50%	50%	0,31	1,68
75%	25%	0,24	2,07
84%	16%	0,21	2,25
90%	10%	0,19	2,38
95%	5%	0,17	2,59

Moments Statistics

Mean	1,62
Sorting	0,66
Skewness	-0,15
Kurtosis	1,03
Uniformity Coefficient	1,78

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

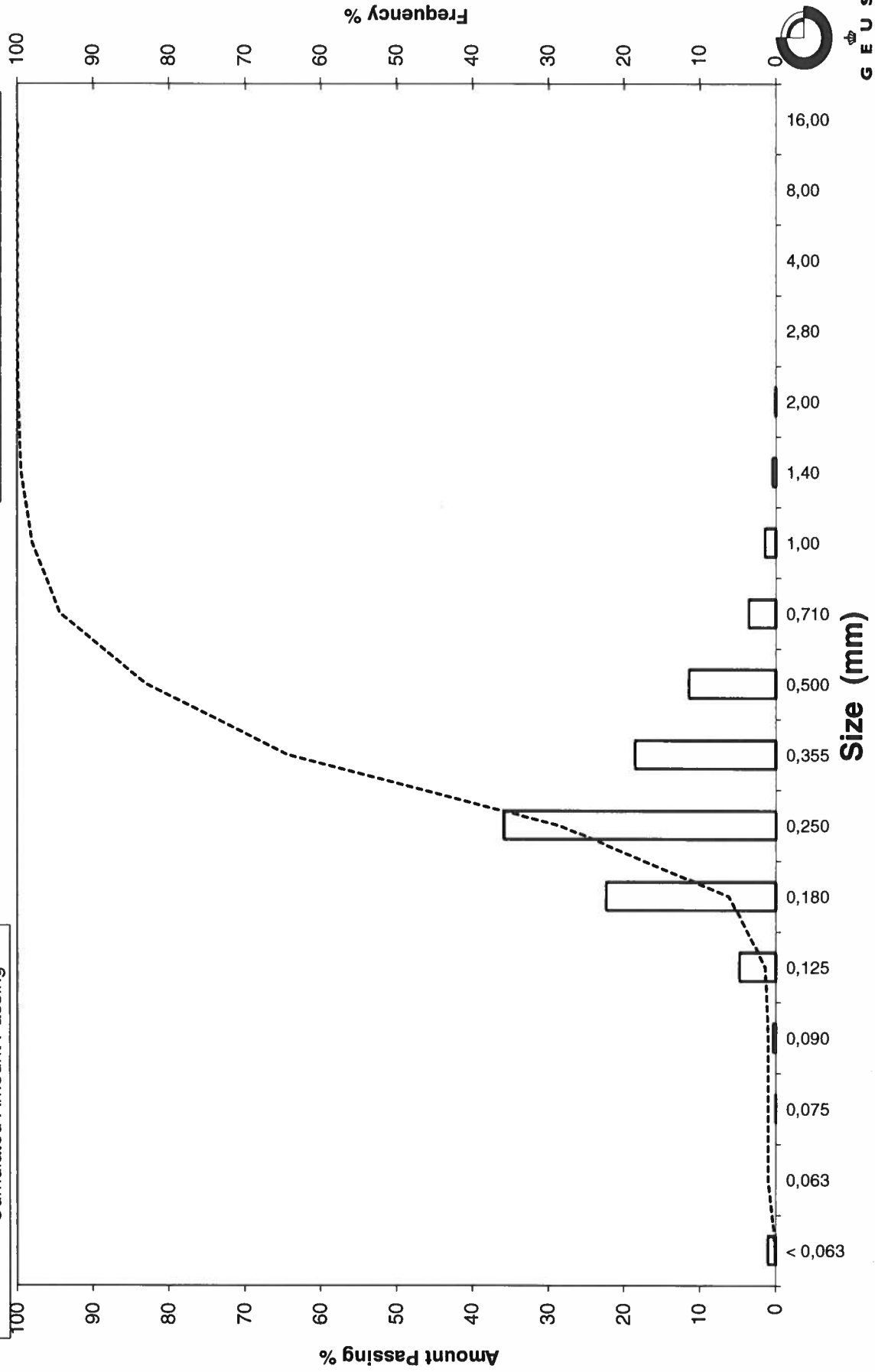
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A48 325-375

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A49 0-50
Lab. Id: 220596
Projekt: Energistyrelsen
Subject: A49
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 150,97 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount
	mm	Φ	g	%	passing
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,18	0,12	99,88
	2,80	-1,49	0,87	0,58	99,30
	2,00	-1,00	3,37	2,23	97,07
	1,40	-0,49	4,57	3,03	94,05
	1,00	0,00	6,46	4,28	89,77
	0,710	0,49	14,77	9,78	79,98
	0,500	1,00	28,79	19,07	60,91
	0,355	1,49	36,39	24,10	36,81
Sand	0,250	2,00	35,85	23,75	13,06
	0,180	2,47	16,16	10,70	2,36
	0,125	3,00	1,79	1,19	1,17
	0,090	3,47	0,17	0,11	1,06
	0,075	3,74	0,00	0,00	1,06
	0,063	3,99	0,00	0,00	1,06
	< 0,063	> 3,99	1,60	1,06	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,06
Sand, fine (0,063 mm - 0,200 mm):	4,36
Sand, medium (0,2 mm - 0,6 mm):	64,58
Sand, coarse (0,6 mm - 2 mm):	27,08
Gravel (> 2 mm):	2,93
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,59	-0,67
16%	84%	0,83	0,27
25%	75%	0,66	0,61
40%	60%	0,49	1,02
Median 50%	50%	0,43	1,20
75%	25%	0,30	1,72
84%	16%	0,26	1,93
90%	10%	0,23	2,12
95%	5%	0,20	2,34

Moments Statistics

Mean	1,13
Sorting	0,87
Skewness	-0,18
Kurtosis	1,11
Uniformity Coefficient	2,15

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

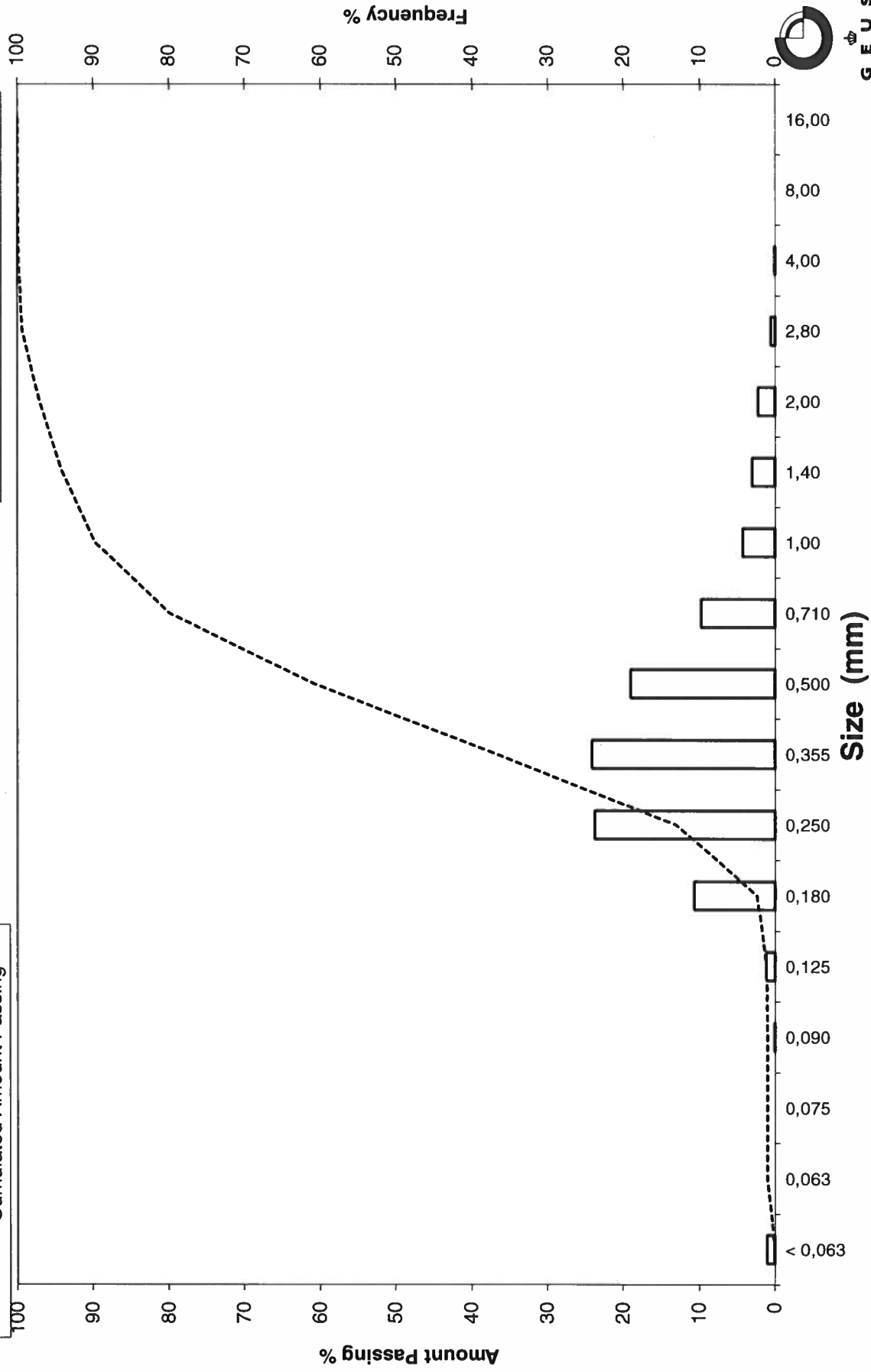
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A49 0-50

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A49 100-150
Lab. Id: 220597
Projekt: Energistyrelsen
Subject: A49
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 103,92 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,10	0,10	99,90
2,00	-1,00	0,08	0,08	99,83
1,40	-0,49	0,31	0,30	99,53
1,00	0,00	0,79	0,76	98,77
0,710	0,49	1,66	1,60	97,17
0,500	1,00	6,84	6,58	90,59
0,355	1,49	15,11	14,54	76,05
0,250	2,00	34,58	33,28	42,77
0,180	2,47	35,00	33,68	9,09
0,125	3,00	7,78	7,49	1,61
0,090	3,47	0,60	0,58	1,03
0,075	3,74	0,07	0,07	0,96
0,063	3,99	0,04	0,04	0,92
< 0,063	> 3,99	0,96	0,92	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,92
Sand, fine (0,063 mm - 0,200 mm):	17,79
Sand, medium (0,2 mm - 0,6 mm):	75,01
Sand, coarse (0,6 mm - 2 mm):	6,10
Gravel (> 2 mm):	0,17
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,64	0,64
16%	84%	0,43	1,20
25%	75%	0,35	1,51
40%	60%	0,30	1,72
Median 50%	50%	0,27	1,87
75%	25%	0,21	2,23
84%	16%	0,19	2,36
90%	10%	0,18	2,46
95%	5%	0,15	2,74

Moments Statistics

Mean	1,81
Sorting	0,61
Skewness	-0,17
Kurtosis	1,19
Uniformity Coefficient	1,67

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

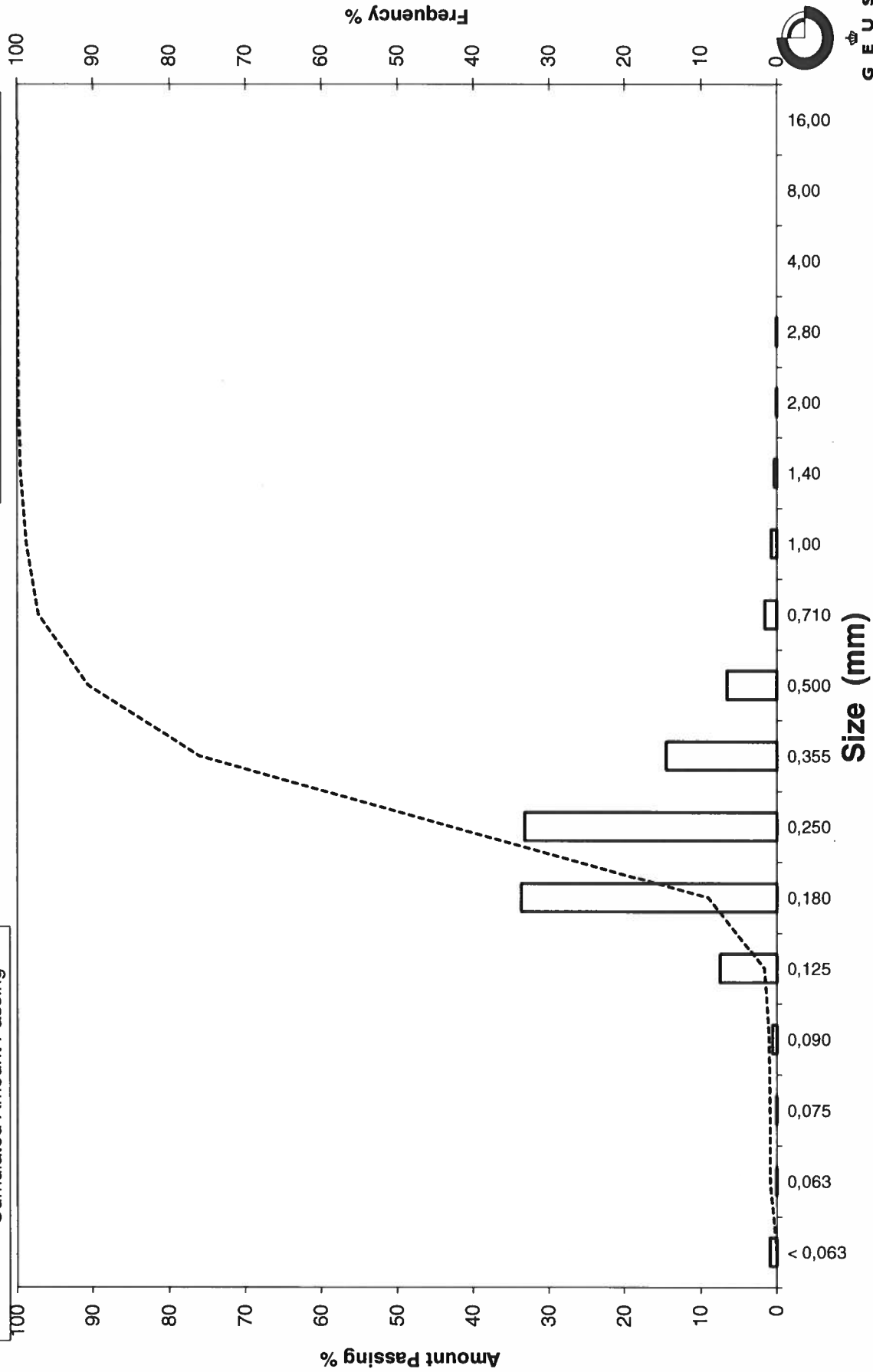
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Sample Id: A49 100-150

Grain Size Distribution

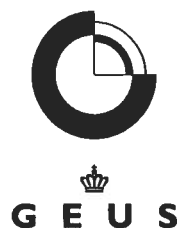
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A49 200-250
Lab. Id: 220598
Projekt: Energistyrelsen
Subject: A49
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 99,58 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,00	0,00	100,00
Sand	1,40	-0,49	0,04	0,04	99,96
	1,00	0,00	0,34	0,34	99,62
	0,710	0,49	1,70	1,71	97,91
	0,500	1,00	6,88	6,91	91,00
	0,355	1,49	19,03	19,11	71,89
	0,250	2,00	32,73	32,87	39,02
	0,180	2,47	32,22	32,36	6,67
	0,125	3,00	4,77	4,79	1,88
	0,090	3,47	0,56	0,56	1,32
	0,075	3,74	0,04	0,04	1,28
	0,063	3,99	0,02	0,02	1,26
	< 0,063	> 3,99	1,25	1,26	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,26
Sand, fine (0,063 mm - 0,200 mm):	14,66
Sand, medium (0,2 mm - 0,6 mm):	78,38
Sand, coarse (0,6 mm - 2 mm):	5,71
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,62	0,69
16%	84%	0,45	1,16
25%	75%	0,38	1,40
40%	60%	0,32	1,66
Median 50%	50%	0,29	1,81
75%	25%	0,22	2,19
84%	16%	0,20	2,32
90%	10%	0,19	2,42
95%	5%	0,16	2,64

Moments Statistics

Mean	1,76
Sorting	0,59
Skewness	-0,14
Kurtosis	1,02
Uniformity Coefficient	1,69

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

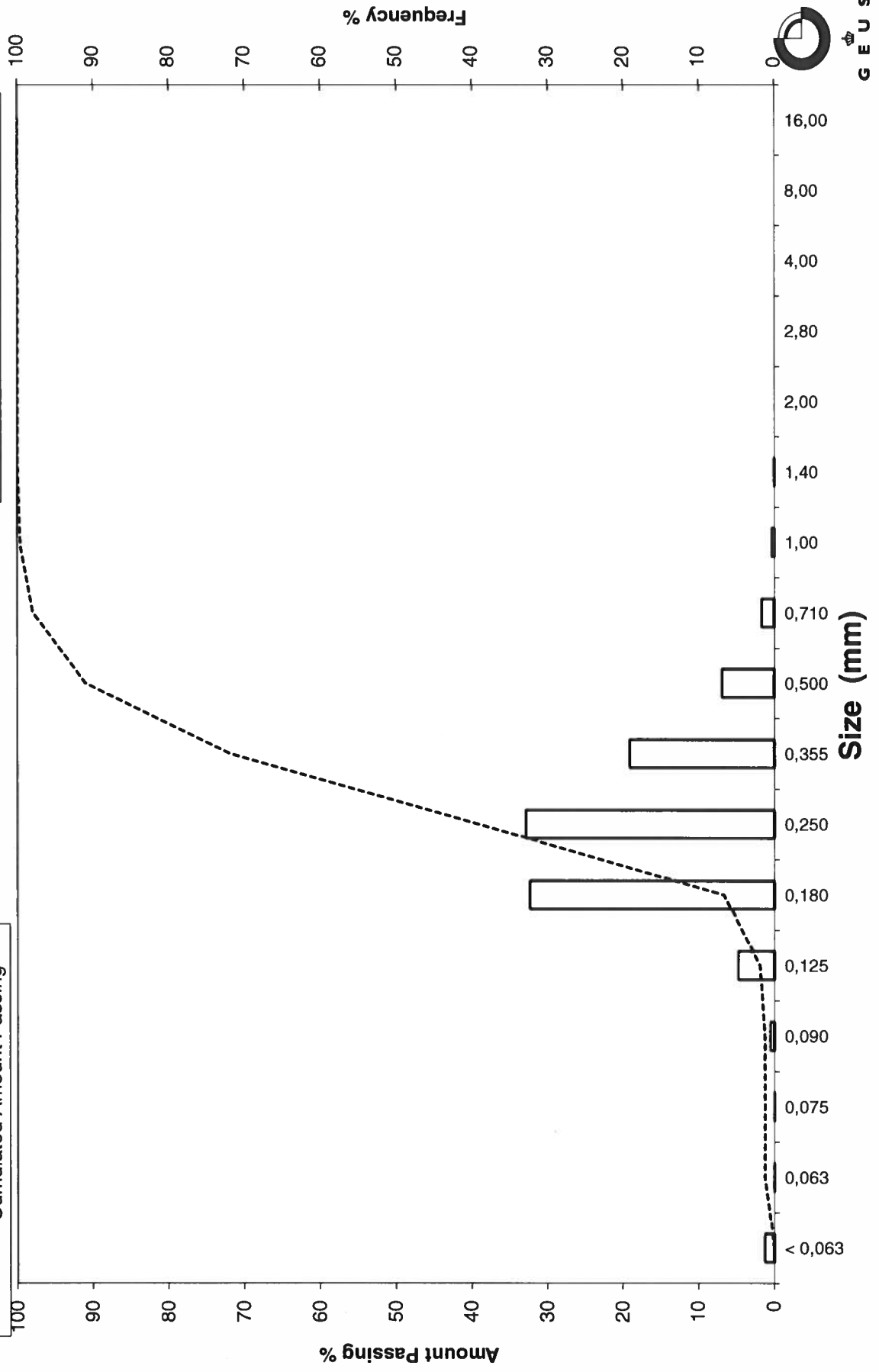
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A49 200-250

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A50 0-50
Lab. Id: 220599
Projekt: Energistyrelsen
Subject: A50
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 98,29 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,06	0,06	99,94
2,00	-1,00	0,11	0,11	99,83
1,40	-0,49	0,10	0,10	99,73
1,00	0,00	0,79	0,80	98,92
0,710	0,49	1,57	1,60	97,32
0,500	1,00	5,56	5,66	91,67
0,355	1,49	13,35	13,58	78,09
0,250	2,00	38,74	39,41	38,67
0,180	2,47	29,98	30,50	8,17
0,125	3,00	6,31	6,42	1,75
0,090	3,47	0,50	0,51	1,24
0,075	3,74	0,05	0,05	1,19
0,063	3,99	0,06	0,06	1,13
< 0,063	> 3,99	1,11	1,13	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,13
Sand, fine (0,063 mm - 0,200 mm):	15,76
Sand, medium (0,2 mm - 0,6 mm):	77,48
Sand, coarse (0,6 mm - 2 mm):	5,47
Gravel (> 2 mm):	0,17
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,62	0,68
16%	84%	0,42	1,26
25%	75%	0,35	1,53
40%	60%	0,31	1,70
Median 50%	50%	0,28	1,84
75%	25%	0,22	2,19
84%	16%	0,20	2,34
90%	10%	0,18	2,44
95%	5%	0,15	2,71

Moments Statistics

Mean	1,81
Sorting	0,58
Skewness	-0,10
Kurtosis	1,25
Uniformity Coefficient	1,67

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

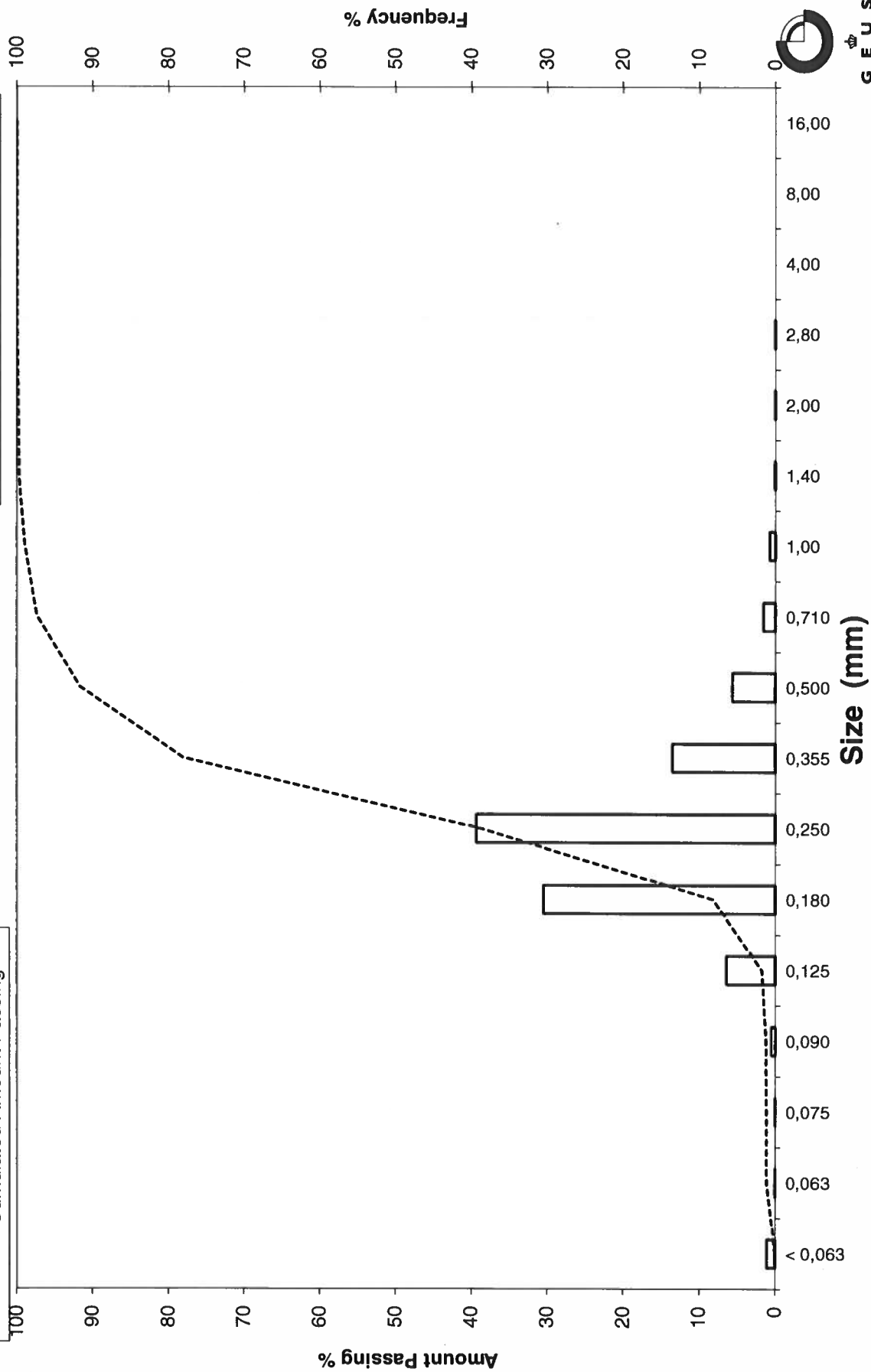
Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgt-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A50 0-50

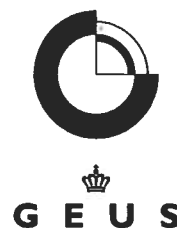


G E U S

Grain Size Distribution

Geotechnical

Sample Id: A50 110-160
Lab. Id: 220600
Projekt: Energistyrelsen
Subject: A50
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 112,97 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,18	0,16	99,84
1,40	-0,49	0,40	0,35	99,49
1,00	0,00	1,06	0,94	98,55
0,710	0,49	2,02	1,79	96,76
0,500	1,00	3,39	3,00	93,76
0,355	1,49	11,09	9,82	83,94
0,250	2,00	41,05	36,34	47,61
0,180	2,47	44,53	39,42	8,19
0,125	3,00	7,45	6,59	1,59
0,090	3,47	0,68	0,60	0,99
0,075	3,74	0,00	0,00	0,99
0,063	3,99	0,08	0,07	0,92
< 0,063	> 3,99	1,04	0,92	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,92
Sand, fine (0,063 mm - 0,200 mm):	18,53
Sand, medium (0,2 mm - 0,6 mm):	75,74
Sand, coarse (0,6 mm - 2 mm):	4,65
Gravel (> 2 mm):	0,16
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,59	0,77
16%	84%	0,36	1,49
25%	75%	0,33	1,60
40%	60%	0,29	1,81
Median 50%	50%	0,26	1,96
75%	25%	0,21	2,25
84%	16%	0,19	2,37
90%	10%	0,18	2,45
95%	5%	0,15	2,70

Moments Statistics

Mean	1,94
Sorting	0,51
Skewness	-0,15
Kurtosis	1,22
Uniformity Coefficient	1,56

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

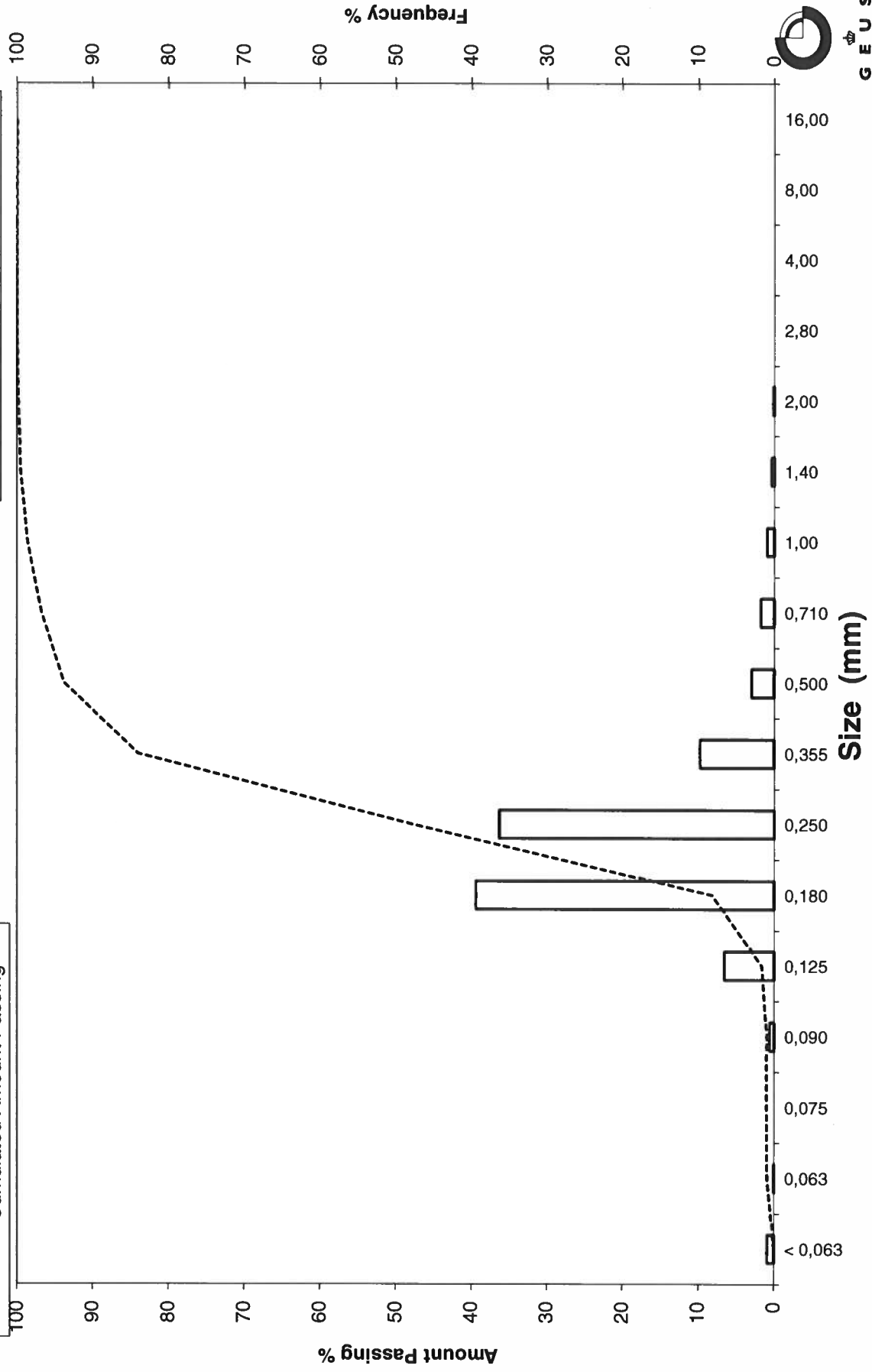
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A50 110-160

Frequency Percent
Cumulated Amount Passing



GEUS

Grain Size Distribution

Geotechnical

Sample Id: A50 210-260
Lab. Id: 220601
Projekt: Energistyrelsen
Subject: A50
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 100,09 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,00	0,00	100,00
1,00	0,00	0,12	0,12	99,88
0,710	0,49	0,34	0,34	99,54
0,500	1,00	1,59	1,59	97,95
0,355	1,49	5,38	5,38	92,58
0,250	2,00	26,56	26,54	66,04
0,180	2,47	45,08	45,04	21,00
0,125	3,00	18,04	18,02	2,98
0,090	3,47	1,36	1,36	1,62
0,075	3,74	0,12	0,12	1,50
0,063	3,99	0,19	0,19	1,31
< 0,063	> 3,99	1,31	1,31	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,31
Sand, fine (0,063 mm - 0,200 mm):	32,56
Sand, medium (0,2 mm - 0,6 mm):	64,84
Sand, coarse (0,6 mm - 2 mm):	1,29
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,42	1,25
16%	84%	0,32	1,64
25%	75%	0,29	1,81
40%	60%	0,24	2,06
Median 50%	50%	0,23	2,15
75%	25%	0,19	2,42
84%	16%	0,16	2,60
90%	10%	0,15	2,77
95%	5%	0,13	2,93

Moments Statistics

Mean	2,13
Sorting	0,50
Skewness	-0,07
Kurtosis	1,12
Uniformity Coefficient	1,64

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

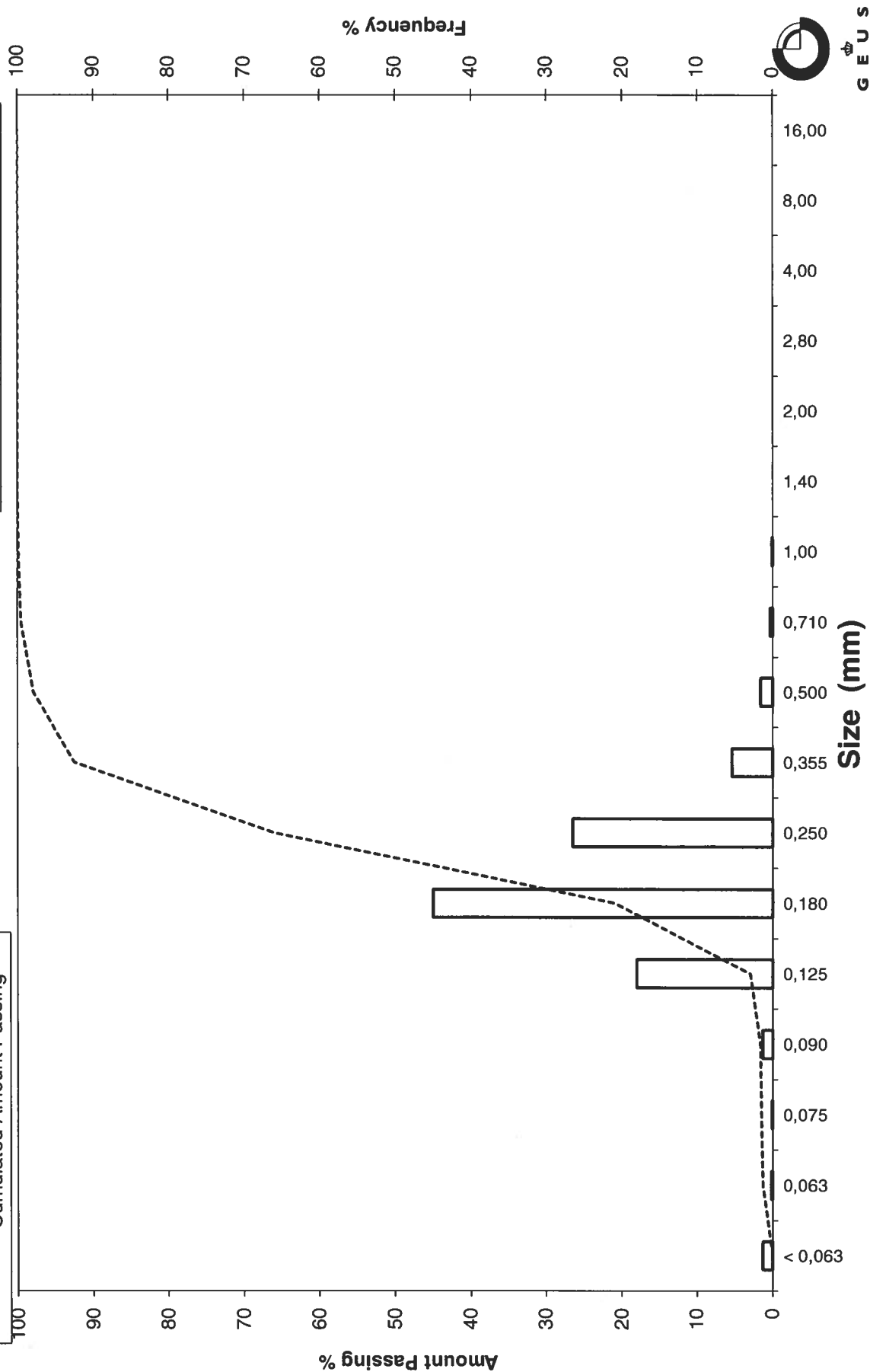
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A50 210-260

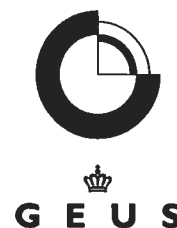
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A50 310-360
Lab. Id: 220602
Projekt: Energistyrelsen
Subject: A50
Date: 02-09-2022
Executed: PS/CRL
Remarks: <4mm består af skaller



Total Weight 90,96 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,04	0,04	99,96
2,80	-1,49	0,00	0,00	99,96
2,00	-1,00	0,00	0,00	99,96
1,40	-0,49	0,00	0,00	99,96
1,00	0,00	0,05	0,05	99,90
0,710	0,49	0,14	0,15	99,75
0,500	1,00	0,33	0,36	99,38
0,355	1,49	1,16	1,28	98,11
0,250	2,00	7,80	8,58	89,53
0,180	2,47	34,46	37,88	51,65
0,125	3,00	34,24	37,64	14,01
0,090	3,47	7,50	8,25	5,76
0,075	3,74	0,63	0,69	5,07
0,063	3,99	0,85	0,93	4,13
< 0,063	> 3,99	3,76	4,13	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	4,13
Sand, fine (0,063 mm - 0,200 mm):	58,34
Sand, medium (0,2 mm - 0,6 mm):	37,08
Sand, coarse (0,6 mm - 2 mm):	0,40
Gravel (> 2 mm):	0,04
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,32	1,66
16%	84%	0,24	2,06
25%	75%	0,22	2,16
40%	60%	0,20	2,36
Median 50%	50%	0,18	2,49
75%	25%	0,14	2,83
84%	16%	0,13	2,97
90%	10%	0,11	3,21
95%	5%	0,07	3,75

Moments Statistics

Mean	2,51
Sorting	0,54
Skewness	0,12
Kurtosis	1,30
Uniformity Coefficient	1,81

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

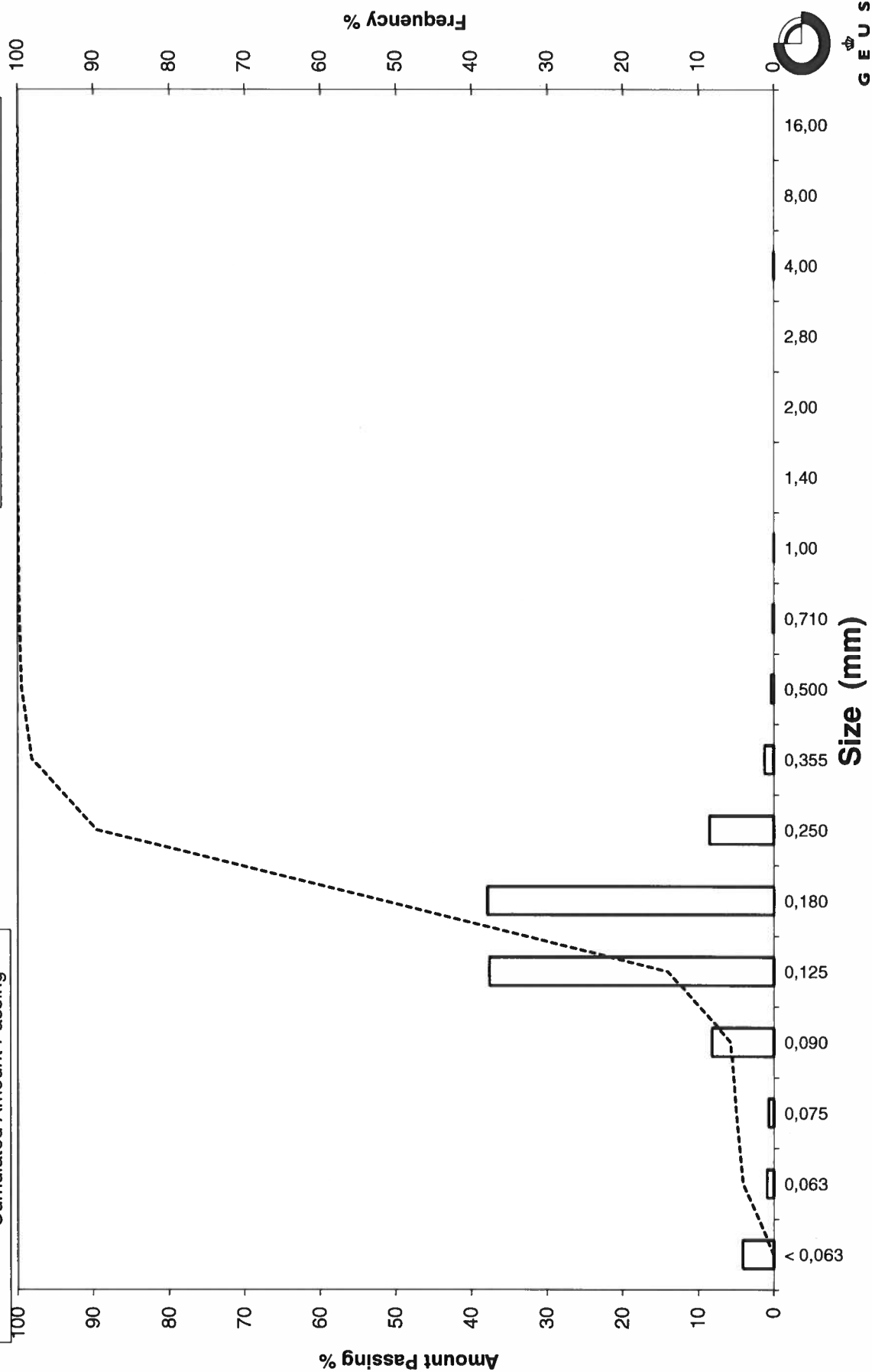
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A50 310-360

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A51 0-50
Lab. Id: 220603
Projekt: Energistyrelsen
Subject: A51
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 104,98 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,25	0,24	99,76
1,40	-0,49	0,19	0,18	99,58
1,00	0,00	0,74	0,70	98,88
0,710	0,49	1,96	1,87	97,01
0,500	1,00	9,00	8,57	88,44
0,355	1,49	21,99	20,95	67,49
0,250	2,00	42,00	40,01	27,48
0,180	2,47	23,81	22,68	4,80
0,125	3,00	4,04	3,85	0,95
0,090	3,47	0,20	0,19	0,76
0,075	3,74	0,00	0,00	0,76
0,063	3,99	0,00	0,00	0,76
< 0,063	> 3,99	0,80	0,76	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,76
Sand, fine (0,063 mm - 0,200 mm):	10,52
Sand, medium (0,2 mm - 0,6 mm):	81,24
Sand, coarse (0,6 mm - 2 mm):	7,24
Gravel (> 2 mm):	0,24
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,66	0,60
16%	84%	0,47	1,09
25%	75%	0,41	1,30
40%	60%	0,34	1,58
Median 50%	50%	0,31	1,69
75%	25%	0,24	2,04
84%	16%	0,21	2,22
90%	10%	0,20	2,35
95%	5%	0,18	2,47

Moments Statistics

Mean	1,67
Sorting	0,57
Skewness	-0,12
Kurtosis	1,03
Uniformity Coefficient	1,71

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

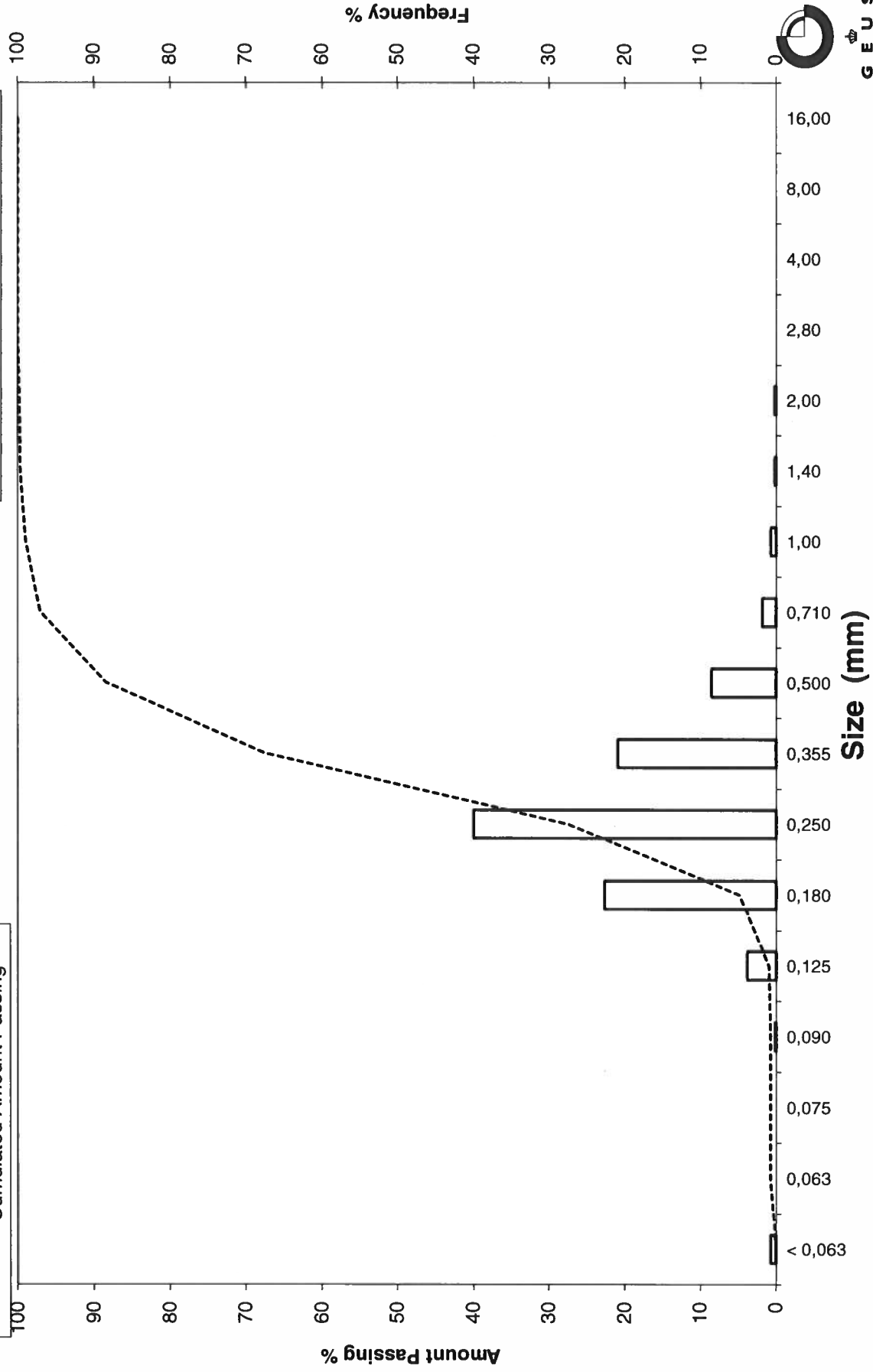
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A51 0-50

Frequency Percent
Cumulated Amount Passing



GEUS

Grain Size Distribution

Geotechnical

Sample Id: A51 100-150
Lab. Id: 220604
Projekt: Energistyrelsen
Subject: A51
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 104,34 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,01	0,01	99,99
2,00	-1,00	0,14	0,13	99,86
1,40	-0,49	0,47	0,45	99,41
1,00	0,00	1,96	1,88	97,53
0,710	0,49	4,55	4,36	93,17
0,500	1,00	12,25	11,74	81,43
0,355	1,49	26,65	25,54	55,88
0,250	2,00	34,09	32,67	23,21
0,180	2,47	21,10	20,22	2,99
0,125	3,00	1,76	1,69	1,30
0,090	3,47	0,16	0,15	1,15
0,075	3,74	0,00	0,00	1,15
0,063	3,99	0,00	0,00	1,15
< 0,063	> 3,99	1,20	1,15	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,15
Sand, fine (0,063 mm - 0,200 mm):	7,62
Sand, medium (0,2 mm - 0,6 mm):	78,25
Sand, coarse (0,6 mm - 2 mm):	12,84
Gravel (> 2 mm):	0,14
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,83	0,27
16%	84%	0,55	0,87
25%	75%	0,46	1,11
40%	60%	0,38	1,40
Median 50%	50%	0,34	1,57
75%	25%	0,26	1,97
84%	16%	0,23	2,15
90%	10%	0,20	2,29
95%	5%	0,19	2,42

Moments Statistics

Mean	1,53
Sorting	0,65
Skewness	-0,15
Kurtosis	1,03
Uniformity Coefficient	1,85

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

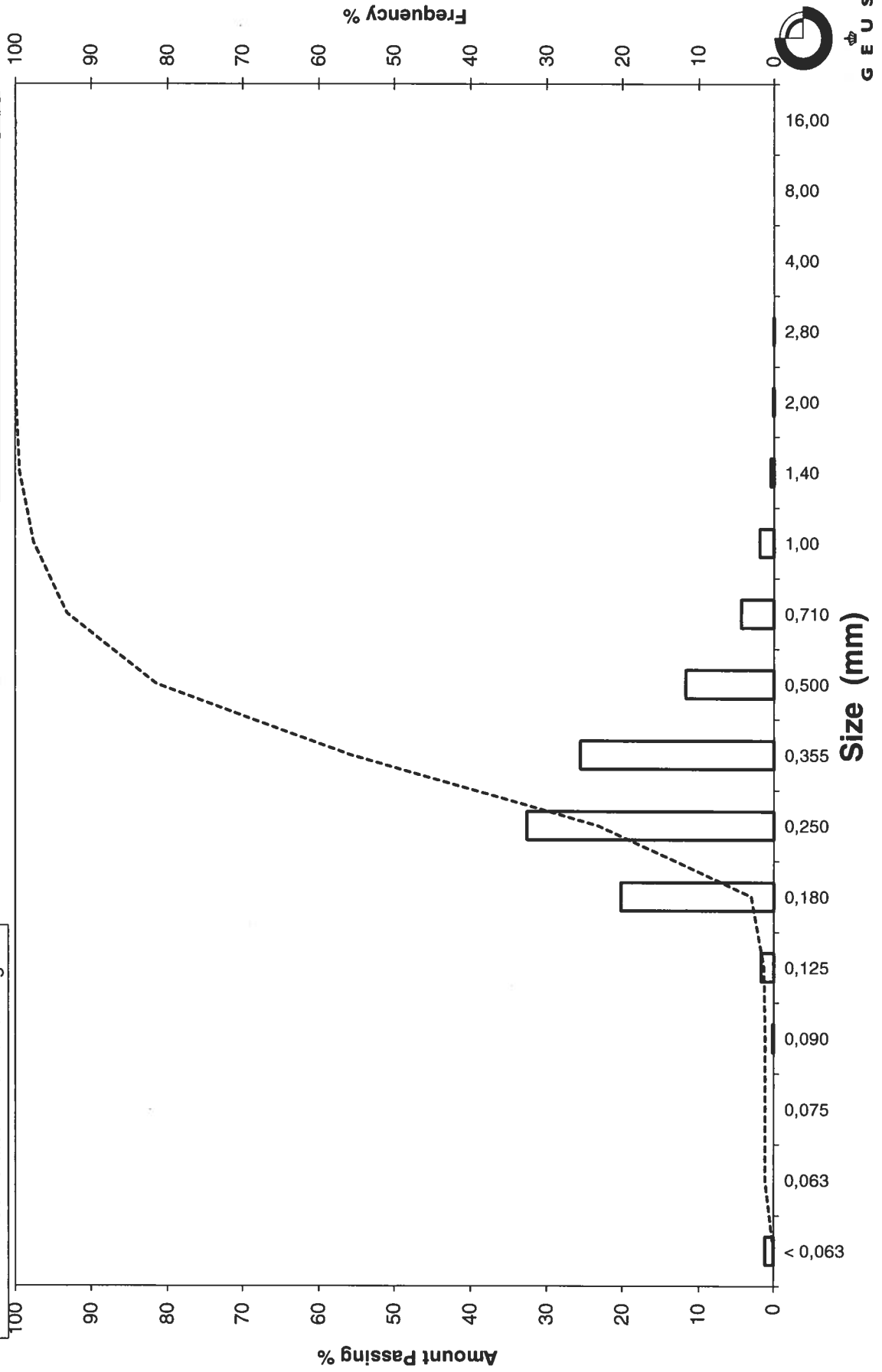
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A51 100-150

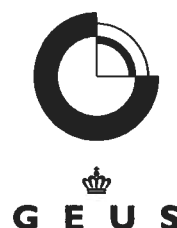
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A51 200-250
Lab. Id: 220605
Projekt: Energistyrelsen
Subject: A51
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 110,07 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,06	0,05	99,95
2,00	-1,00	0,11	0,10	99,85
1,40	-0,49	0,14	0,13	99,72
1,00	0,00	1,14	1,04	98,68
0,710	0,49	2,38	2,16	96,52
0,500	1,00	7,29	6,62	89,90
0,355	1,49	14,07	12,78	77,11
0,250	2,00	38,61	35,08	42,04
0,180	2,47	35,86	32,58	9,46
0,125	3,00	9,49	8,62	0,84
0,090	3,47	0,41	0,37	0,46
0,075	3,74	0,03	0,03	0,44
0,063	3,99	0,01	0,01	0,43
< 0,063	> 3,99	0,47	0,43	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,43
Sand, fine (0,063 mm - 0,200 mm):	18,34
Sand, medium (0,2 mm - 0,6 mm):	74,29
Sand, coarse (0,6 mm - 2 mm):	6,79
Gravel (> 2 mm):	0,15
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,66	0,60
16%	84%	0,43	1,21
25%	75%	0,35	1,52
40%	60%	0,30	1,72
Median 50%	50%	0,27	1,87
75%	25%	0,21	2,23
84%	16%	0,19	2,37
90%	10%	0,18	2,46
95%	5%	0,15	2,72

Moments Statistics

Mean	1,81
Sorting	0,61
Skewness	-0,17
Kurtosis	1,23
Uniformity Coefficient	1,68

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

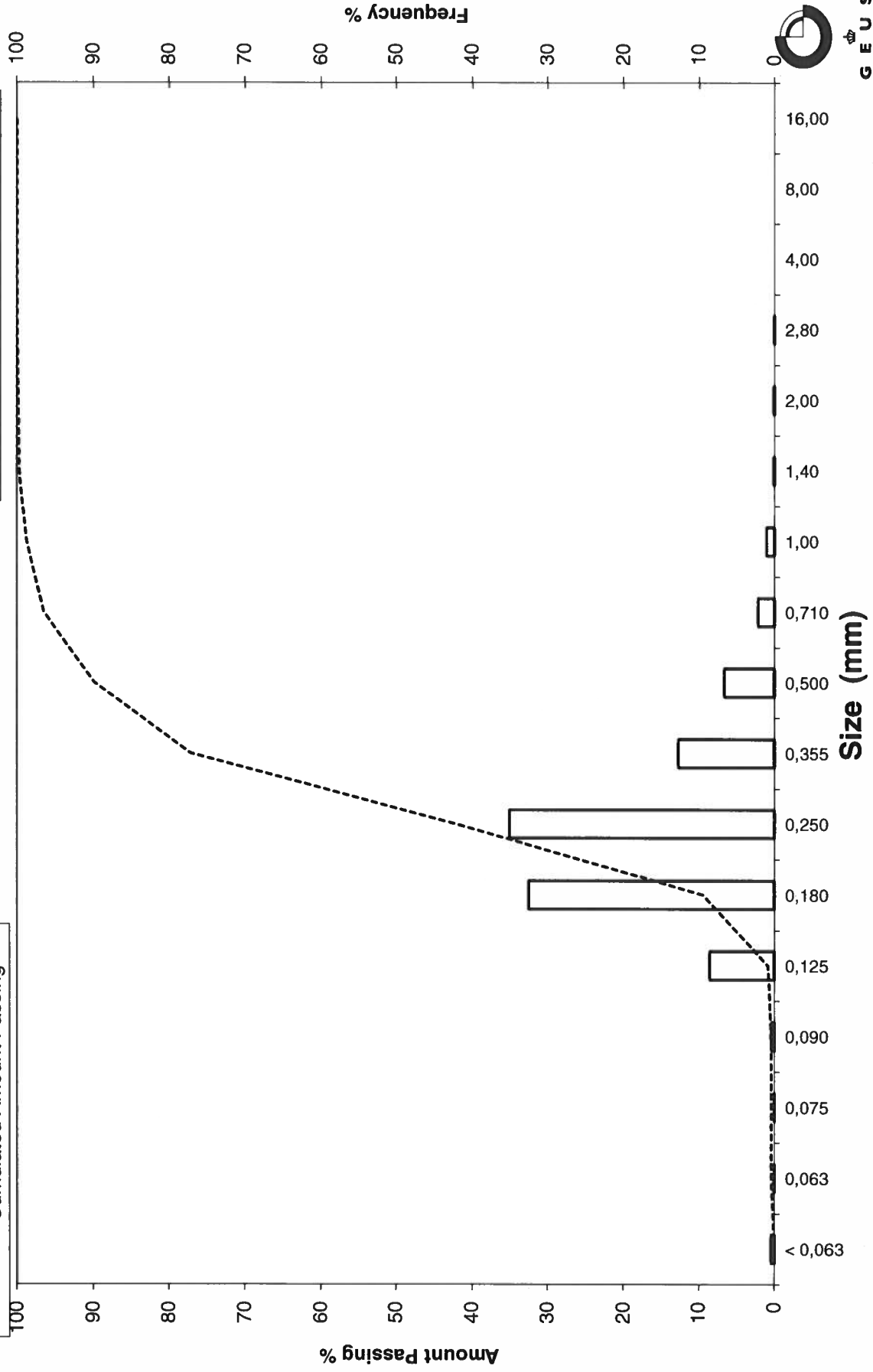
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A51 200-250

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A51 300-350
Lab. Id: 220606
Projekt: Energistyrelsen
Subject: A51
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 105,07 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,08	0,08	99,92
1,40	-0,49	0,10	0,10	99,83
1,00	0,00	0,46	0,44	99,39
0,710	0,49	1,82	1,73	97,66
0,500	1,00	5,45	5,19	92,47
0,355	1,49	18,67	17,77	74,70
0,250	2,00	40,57	38,61	36,09
0,180	2,47	32,70	31,12	4,97
0,125	3,00	4,66	4,44	0,53
0,090	3,47	0,49	0,47	0,07
0,075	3,74	0,01	0,01	0,06
0,063	3,99	0,01	0,01	0,05
< 0,063	> 3,99	0,05	0,05	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,05
Sand, fine (0,063 mm - 0,200 mm):	13,81
Sand, medium (0,2 mm - 0,6 mm):	81,08
Sand, coarse (0,6 mm - 2 mm):	4,98
Gravel (> 2 mm):	0,08
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,60	0,73
16%	84%	0,43	1,21
25%	75%	0,36	1,48
40%	60%	0,32	1,67
Median 50%	50%	0,29	1,80
75%	25%	0,23	2,15
84%	16%	0,20	2,29
90%	10%	0,19	2,39
95%	5%	0,18	2,47

Moments Statistics

Mean	1,77
Sorting	0,53
Skewness	-0,15
Kurtosis	1,07
Uniformity Coefficient	1,65

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

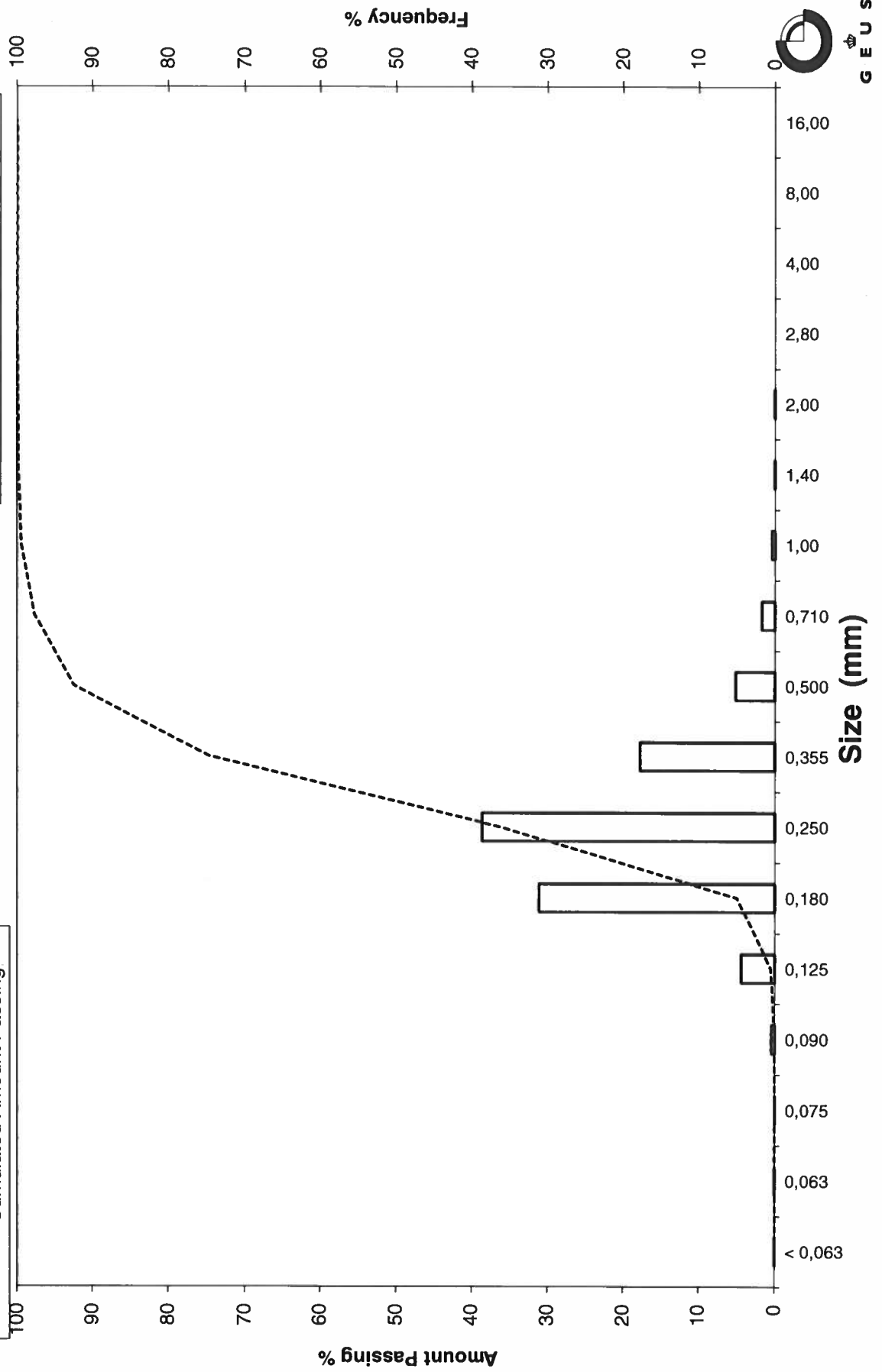
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A51 300-350

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A52 0-50
Lab. Id: 220607
Projekt: Energistyrelsen
Subject: A52
Date: 02-09-2022
Executed: PS/CRL
Remarks: 2,8mm heraf 0,05g skaller



GEUS

Total Weight 101,48 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	1,39	1,37	98,63
4,00	-2,00	0,68	0,67	97,96
2,80	-1,49	0,22	0,22	97,74
2,00	-1,00	0,09	0,09	97,65
1,40	-0,49	0,09	0,09	97,57
1,00	0,00	0,69	0,68	96,89
0,710	0,49	1,72	1,69	95,19
0,500	1,00	7,11	7,01	88,18
0,355	1,49	15,35	15,13	73,06
0,250	2,00	32,17	31,70	41,36
0,180	2,47	30,98	30,53	10,83
0,125	3,00	9,22	9,09	1,74
0,090	3,47	0,60	0,59	1,15
0,075	3,74	0,03	0,03	1,12
0,063	3,99	0,00	0,00	1,12
< 0,063	> 3,99	1,14	1,12	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,12
Sand, fine (0,063 mm - 0,200 mm):	18,43
Sand, medium (0,2 mm - 0,6 mm):	71,97
Sand, coarse (0,6 mm - 2 mm):	6,13
Gravel (> 2 mm):	2,35
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,70	0,51
16%	84%	0,46	1,12
25%	75%	0,37	1,42
40%	60%	0,31	1,68
Median 50%	50%	0,28	1,84
75%	25%	0,21	2,23
84%	16%	0,19	2,38
90%	10%	0,17	2,51
95%	5%	0,14	2,79

Moments Statistics

Mean	1,78
Sorting	0,66
Skewness	-0,16
Kurtosis	1,15
Uniformity Coefficient	1,78

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

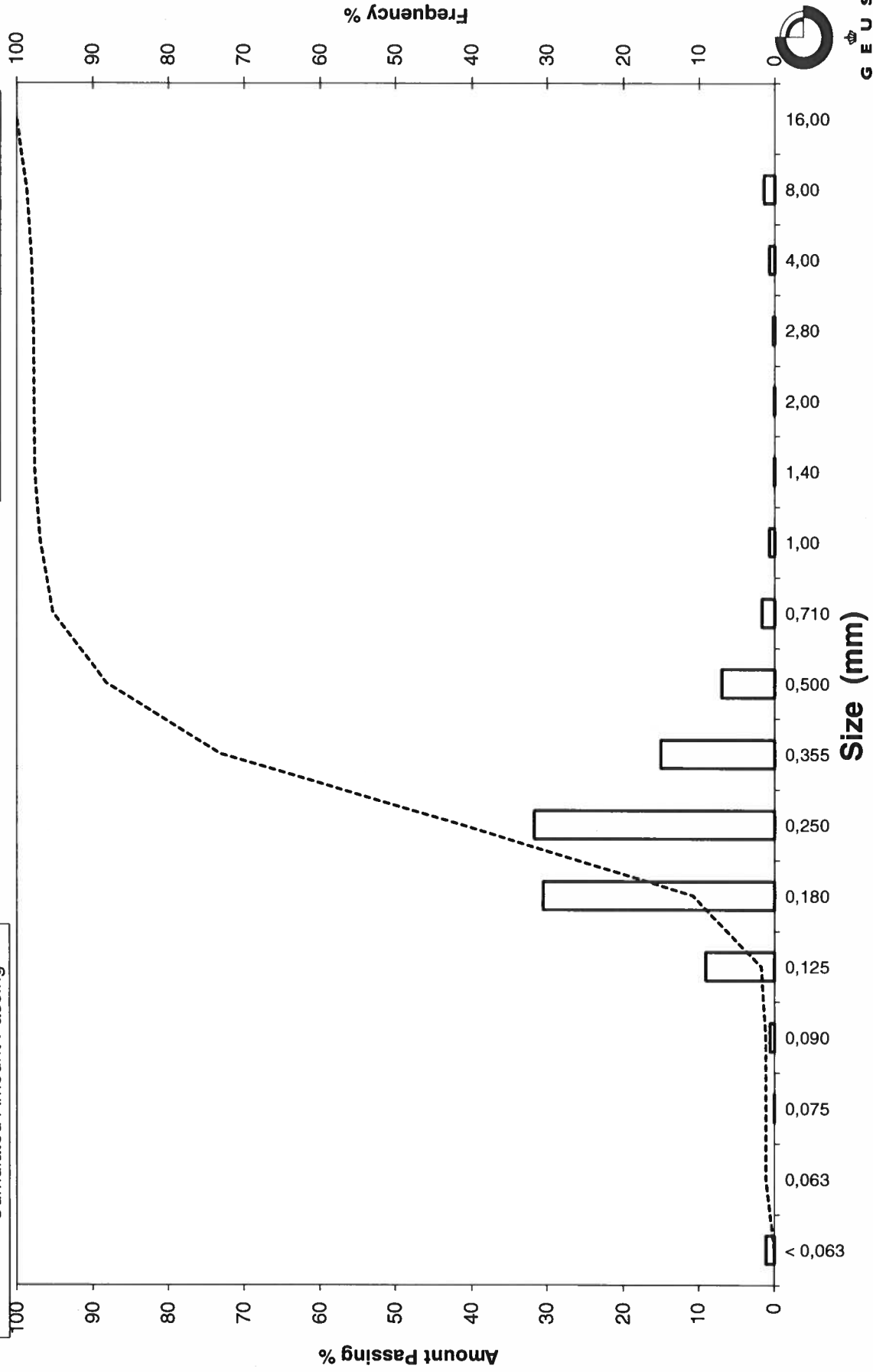
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A52 0-50

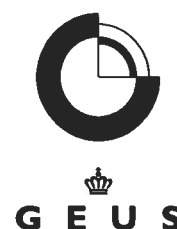
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A52 50-100
Lab. Id: 220608
Projekt: Energistyrelsen
Subject: A52
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 91,06 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,00	0,00	100,00
	1,40	-0,49	0,00	0,00	100,00
	1,00	0,00	0,03	0,03	99,97
	0,710	0,49	0,26	0,29	99,68
	0,500	1,00	1,01	1,11	98,57
	0,355	1,49	3,07	3,37	95,20
Sand	0,250	2,00	7,25	7,96	87,24
	0,180	2,47	24,56	26,97	60,27
	0,125	3,00	33,66	36,96	23,30
	0,090	3,47	15,01	16,48	6,82
	0,075	3,74	0,98	1,08	5,74
	0,063	3,99	0,39	0,43	5,32
	< 0,063	> 3,99	4,84	5,32	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	5,32
Sand, fine (0,063 mm - 0,200 mm):	62,66
Sand, medium (0,2 mm - 0,6 mm):	31,13
Sand, coarse (0,6 mm - 2 mm):	0,90
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,35	1,50
16%	84%	0,24	2,05
25%	75%	0,22	2,20
40%	60%	0,18	2,48
Median 50%	50%	0,16	2,60
75%	25%	0,13	2,97
84%	16%	0,11	3,19
90%	10%	0,10	3,37
95%	5%	-----	-----

Moments Statistics

Mean	2,61
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	1,86

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

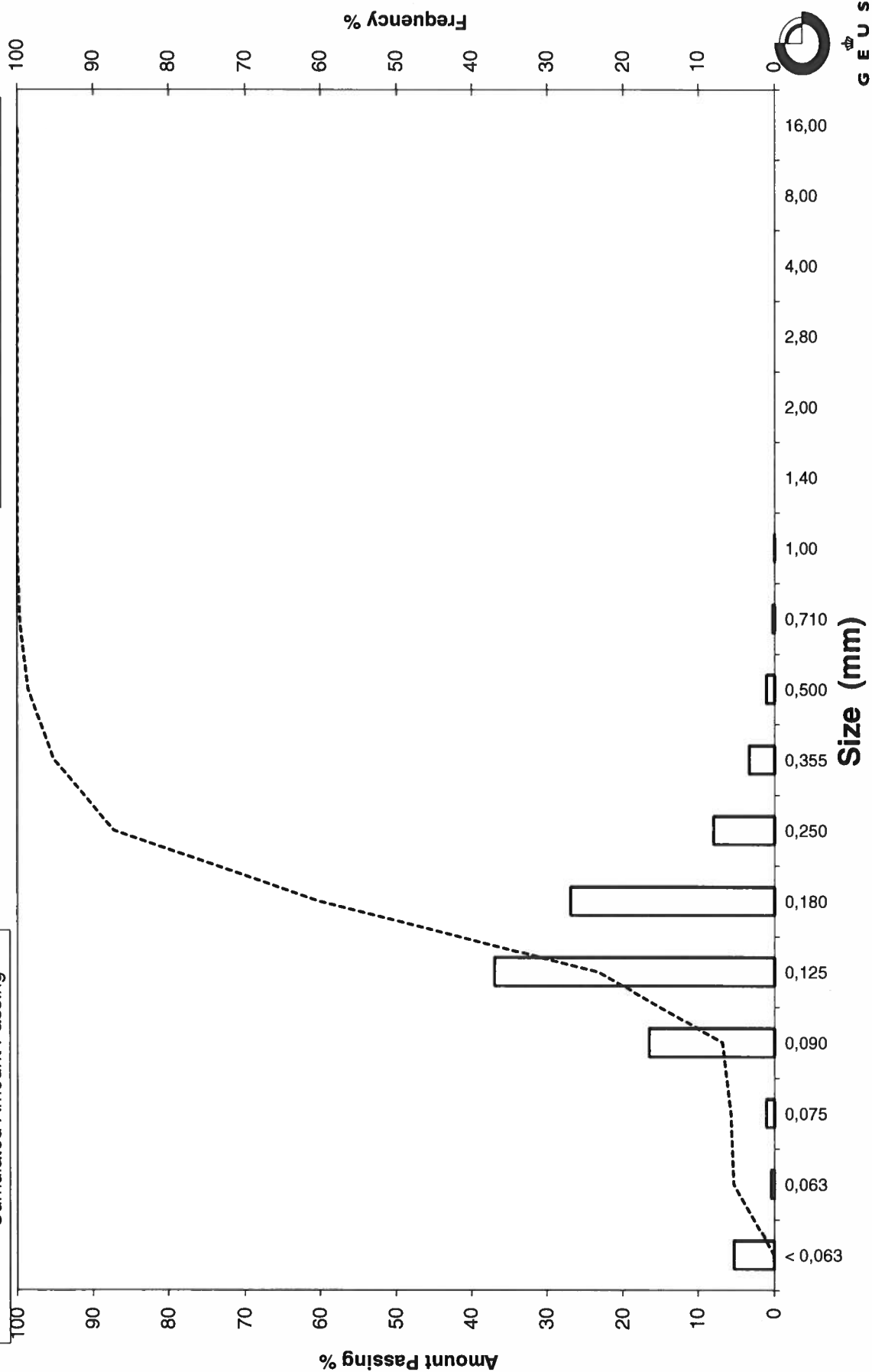
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A52 50-100

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A52 150-200
Lab. Id: 220609
Projekt: Energistyrelsen
Subject: A52
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 92,8 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,00	0,00	100,00
1,00	0,00	0,04	0,04	99,96
0,710	0,49	0,17	0,18	99,77
0,500	1,00	0,87	0,94	98,84
0,355	1,49	2,66	2,87	95,97
0,250	2,00	8,73	9,41	86,56
0,180	2,47	21,98	23,69	62,88
0,125	3,00	37,69	40,61	22,26
0,090	3,47	12,71	13,70	8,57
0,075	3,74	0,99	1,07	7,50
0,063	3,99	0,41	0,44	7,06
< 0,063	> 3,99	6,55	7,06	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	7,06
Sand, fine (0,063 mm - 0,200 mm):	62,59
Sand, medium (0,2 mm - 0,6 mm):	29,64
Sand, coarse (0,6 mm - 2 mm):	0,72
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,34	1,54
16%	84%	0,24	2,04
25%	75%	0,22	2,21
40%	60%	0,18	2,51
Median 50%	50%	0,16	2,62
75%	25%	0,13	2,96
84%	16%	0,11	3,20
90%	10%	0,09	3,42
95%	5%	-----	-----

Moments Statistics

Mean	2,62
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	1,88

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient (d60% / d10%) (dgf-Bulletin 1988)

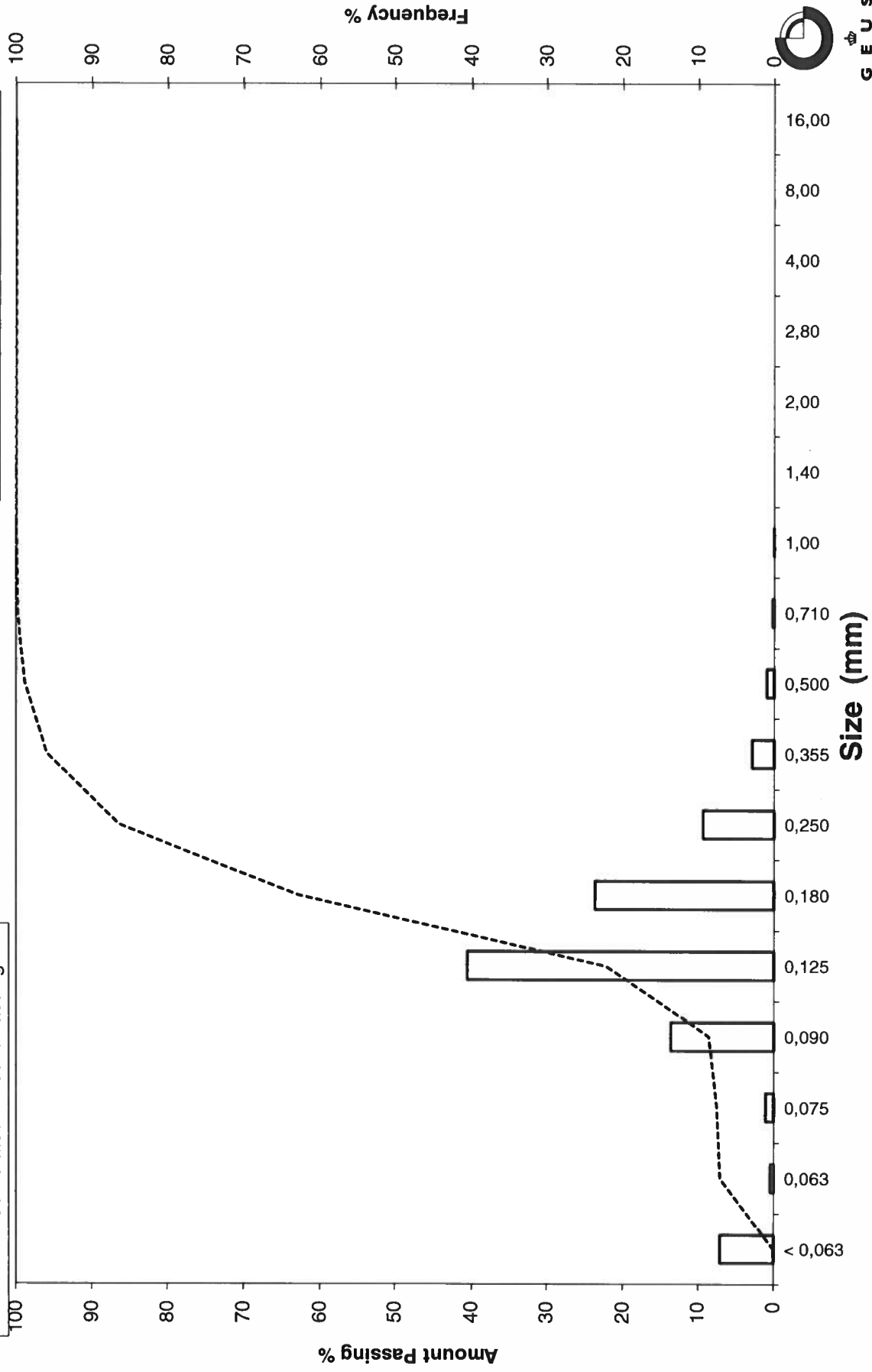
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A52 150-200

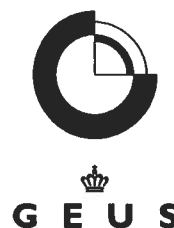
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A54 0-50
Lab. Id: 220610
Projekt: Energistyrelsen
Subject: A54
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 123,27 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,12	0,10	99,90
	2,00	-1,00	0,58	0,47	99,43
	1,40	-0,49	1,74	1,41	98,02
	1,00	0,00	4,78	3,88	94,14
	0,710	0,49	10,89	8,83	85,31
	0,500	1,00	22,94	18,61	66,70
	0,355	1,49	35,95	29,16	37,54
Sand	0,250	2,00	31,69	25,71	11,83
	0,180	2,47	12,14	9,85	1,98
	0,125	3,00	1,20	0,97	1,01
	0,090	3,47	0,09	0,07	0,93
	0,075	3,74	0,00	0,00	0,93
	0,063	3,99	0,00	0,00	0,93
	< 0,063	> 3,99	1,15	0,93	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,93
Sand, fine (0,063 mm - 0,200 mm):	3,86
Sand, medium (0,2 mm - 0,6 mm):	70,77
Sand, coarse (0,6 mm - 2 mm):	23,87
Gravel (> 2 mm):	0,57
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,09	-0,12
16%	84%	0,70	0,52
25%	75%	0,59	0,75
40%	60%	0,47	1,10
Median 50%	50%	0,42	1,26
75%	25%	0,30	1,72
84%	16%	0,27	1,90
90%	10%	0,24	2,08
95%	5%	0,20	2,31

Moments Statistics

Mean	1,23
Sorting	0,71
Skewness	-0,10
Kurtosis	1,03
Uniformity Coefficient	1,97

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

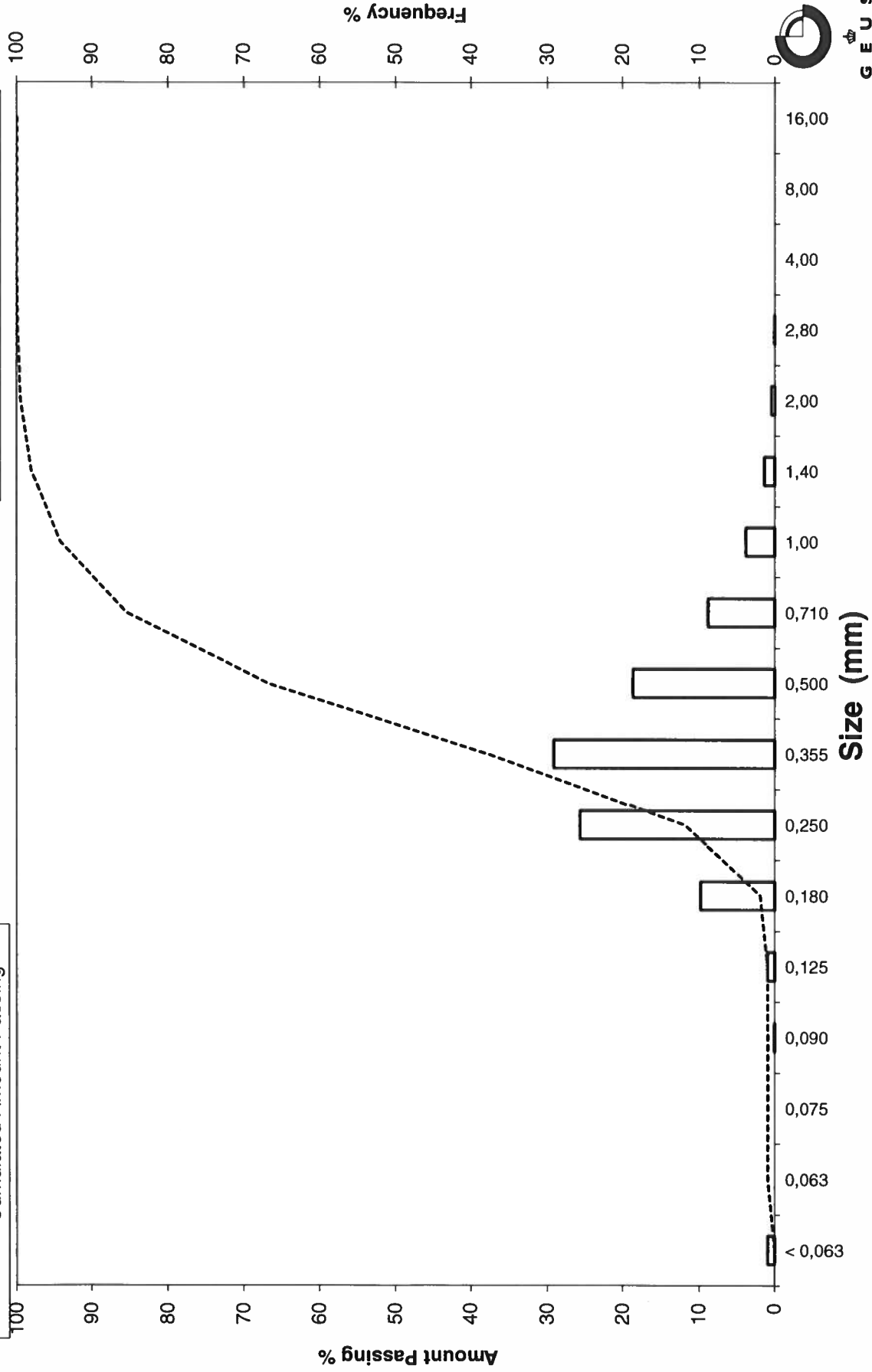
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A54 0-50

Frequency Percent
Cumulated Amount Passing

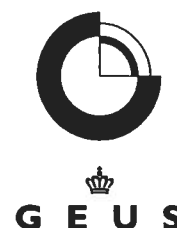


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Grain Size Distribution

Geotechnical

Sample Id: A54 100-150
Lab. Id: 220611
Projekt: Energistyrelsen
Subject: A54
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 101,57 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,17	0,17	99,83
1,40	-0,49	0,28	0,28	99,56
1,00	0,00	1,94	1,91	97,65
0,710	0,49	4,01	3,95	93,70
0,500	1,00	11,20	11,03	82,67
0,355	1,49	17,69	17,42	65,26
0,250	2,00	34,09	33,56	31,69
0,180	2,47	25,09	24,70	6,99
0,125	3,00	5,71	5,62	1,37
0,090	3,47	0,42	0,41	0,96
0,075	3,74	0,05	0,05	0,91
0,063	3,99	0,05	0,05	0,86
< 0,063	> 3,99	0,87	0,86	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,86
Sand, fine (0,063 mm - 0,200 mm):	13,19
Sand, medium (0,2 mm - 0,6 mm):	73,87
Sand, coarse (0,6 mm - 2 mm):	11,91
Gravel (> 2 mm):	0,17
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,81	0,31
16%	84%	0,53	0,93
25%	75%	0,44	1,20
40%	60%	0,34	1,56
Median 50%	50%	0,31	1,70
75%	25%	0,23	2,11
84%	16%	0,21	2,28
90%	10%	0,19	2,41
95%	5%	0,16	2,64

Moments Statistics

Mean	1,64
Sorting	0,69
Skewness	-0,17
Kurtosis	1,04
Uniformity Coefficient	1,80

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

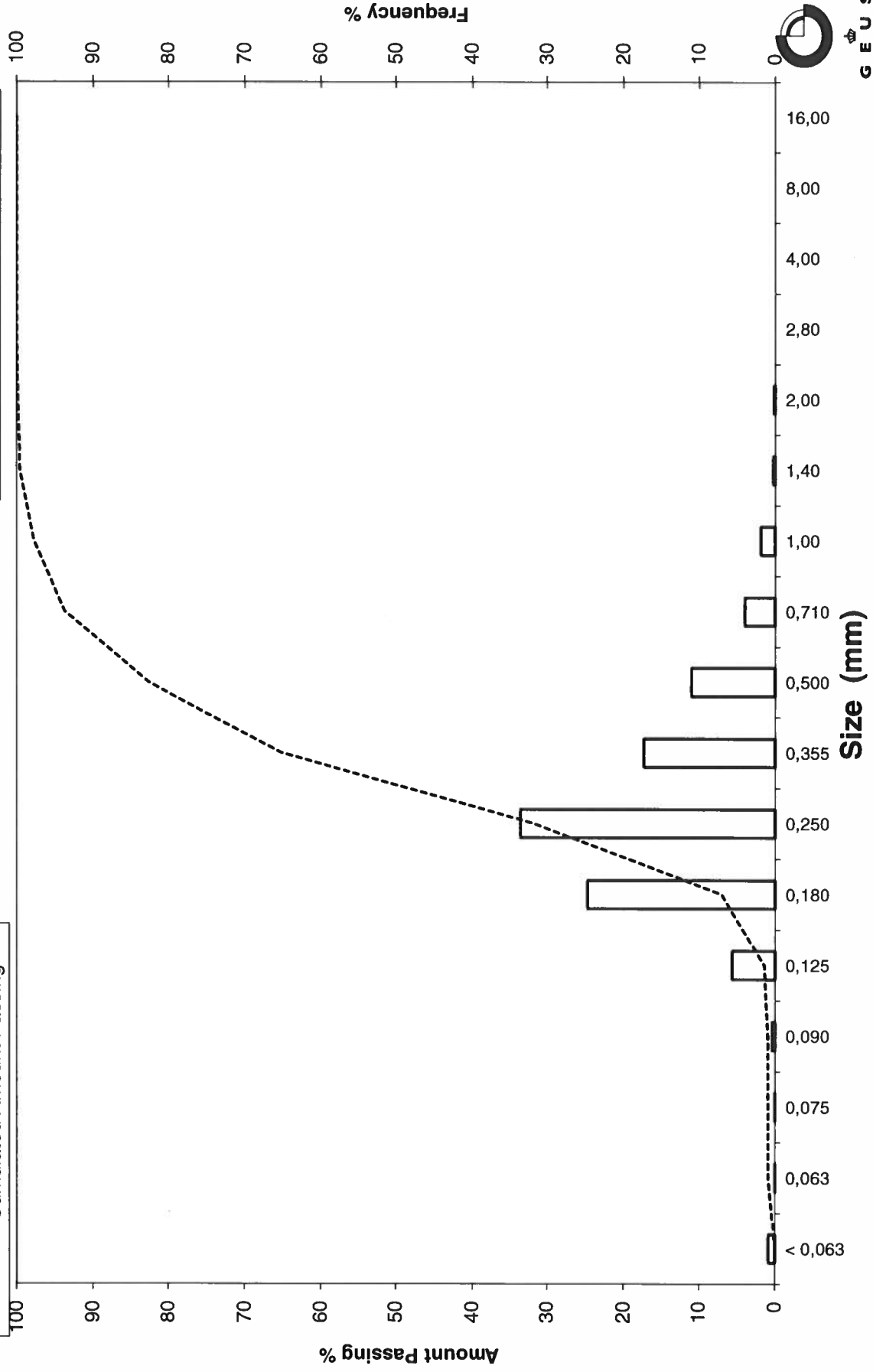
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A54 100-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A54 200-250
Lab. Id: 220612
Projekt: Energistyrelsen
Subject: A54
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 101,63 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,04	0,04	99,96
2,00	-1,00	0,00	0,00	99,96
1,40	-0,49	0,31	0,31	99,66
1,00	0,00	1,27	1,25	98,41
0,710	0,49	4,62	4,55	93,86
0,500	1,00	11,94	11,75	82,11
0,355	1,49	23,42	23,04	59,07
0,250	2,00	34,41	33,86	25,21
0,180	2,47	22,34	21,98	3,23
0,125	3,00	2,23	2,19	1,03
0,090	3,47	0,17	0,17	0,87
0,075	3,74	0,00	0,00	0,87
0,063	3,99	0,00	0,00	0,87
< 0,063	> 3,99	0,88	0,87	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,87
Sand, fine (0,063 mm - 0,200 mm):	8,64
Sand, medium (0,2 mm - 0,6 mm):	78,20
Sand, coarse (0,6 mm - 2 mm):	12,25
Gravel (> 2 mm):	0,04
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,78	0,35
16%	84%	0,53	0,91
25%	75%	0,46	1,14
40%	60%	0,36	1,47
Median 50%	50%	0,33	1,61
75%	25%	0,25	2,00
84%	16%	0,22	2,18
90%	10%	0,20	2,31
95%	5%	0,19	2,43

Moments Statistics

Mean	1,57
Sorting	0,63
Skewness	-0,16
Kurtosis	0,98
Uniformity Coefficient	1,79

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

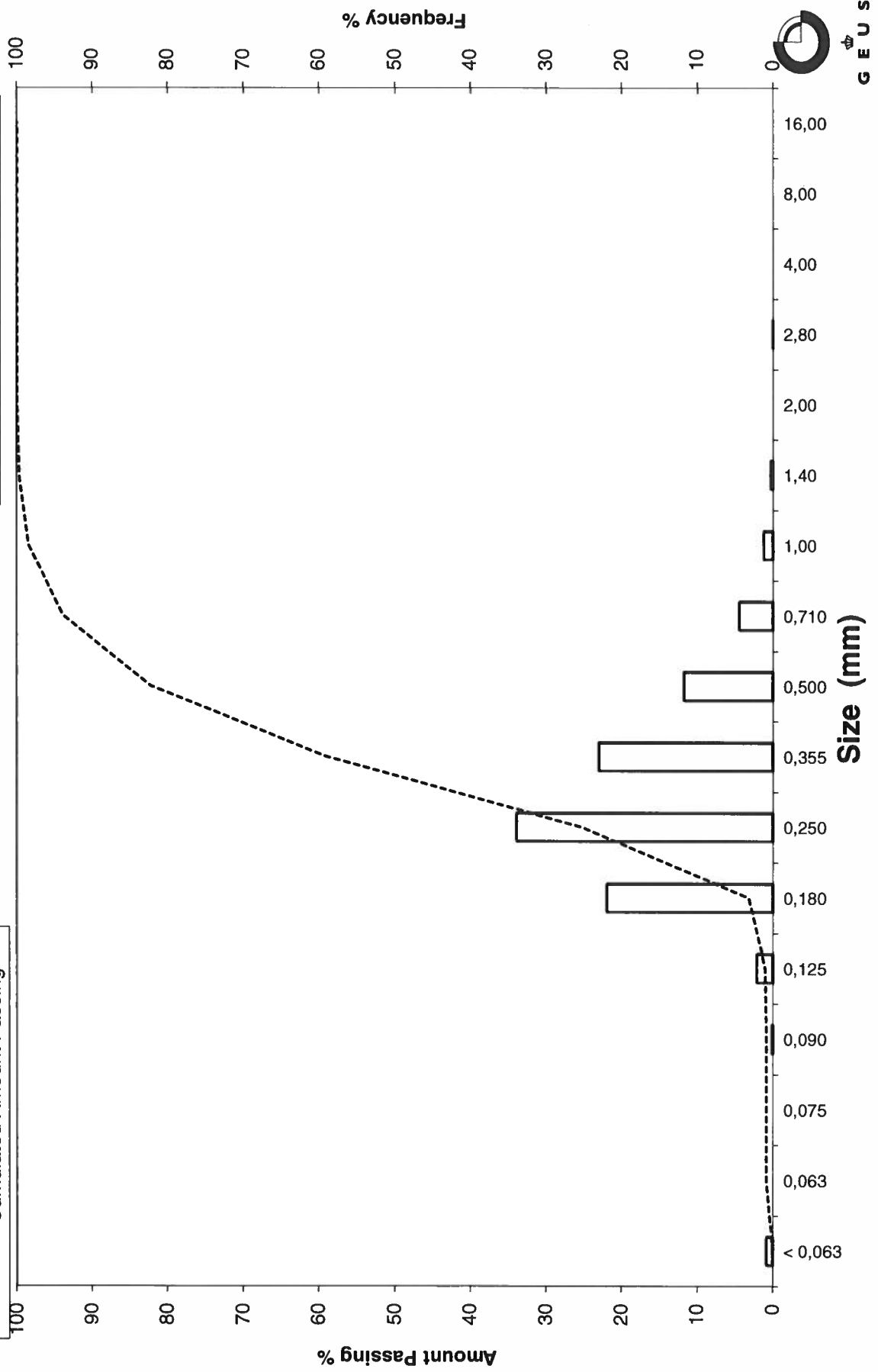
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A54 200-250

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A54 300-350
Lab. Id: 220613
Projekt: Energistyrelsen
Subject: A54
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 108 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,10	0,09	99,91
2,80	-1,49	0,00	0,00	99,91
2,00	-1,00	0,00	0,00	99,91
1,40	-0,49	0,04	0,04	99,87
1,00	0,00	0,31	0,29	99,58
0,710	0,49	1,10	1,02	98,56
0,500	1,00	5,76	5,33	93,23
0,355	1,49	15,90	14,72	78,51
0,250	2,00	45,88	42,48	36,03
0,180	2,47	32,27	29,88	6,15
0,125	3,00	5,52	5,11	1,04
0,090	3,47	0,26	0,24	0,80
0,075	3,74	0,02	0,02	0,78
0,063	3,99	0,02	0,02	0,76
< 0,063	> 3,99	0,82	0,76	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,76
Sand, fine (0,063 mm - 0,200 mm):	13,93
Sand, medium (0,2 mm - 0,6 mm):	81,09
Sand, coarse (0,6 mm - 2 mm):	4,14
Gravel (> 2 mm):	0,09
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,57	0,81
16%	84%	0,41	1,29
25%	75%	0,35	1,53
40%	60%	0,31	1,69
Median 50%	50%	0,28	1,81
75%	25%	0,22	2,16
84%	16%	0,20	2,30
90%	10%	0,19	2,40
95%	5%	0,17	2,58

Moments Statistics

Mean	1,80
Sorting	0,52
Skewness	-0,09
Kurtosis	1,15
Uniformity Coefficient	1,64

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

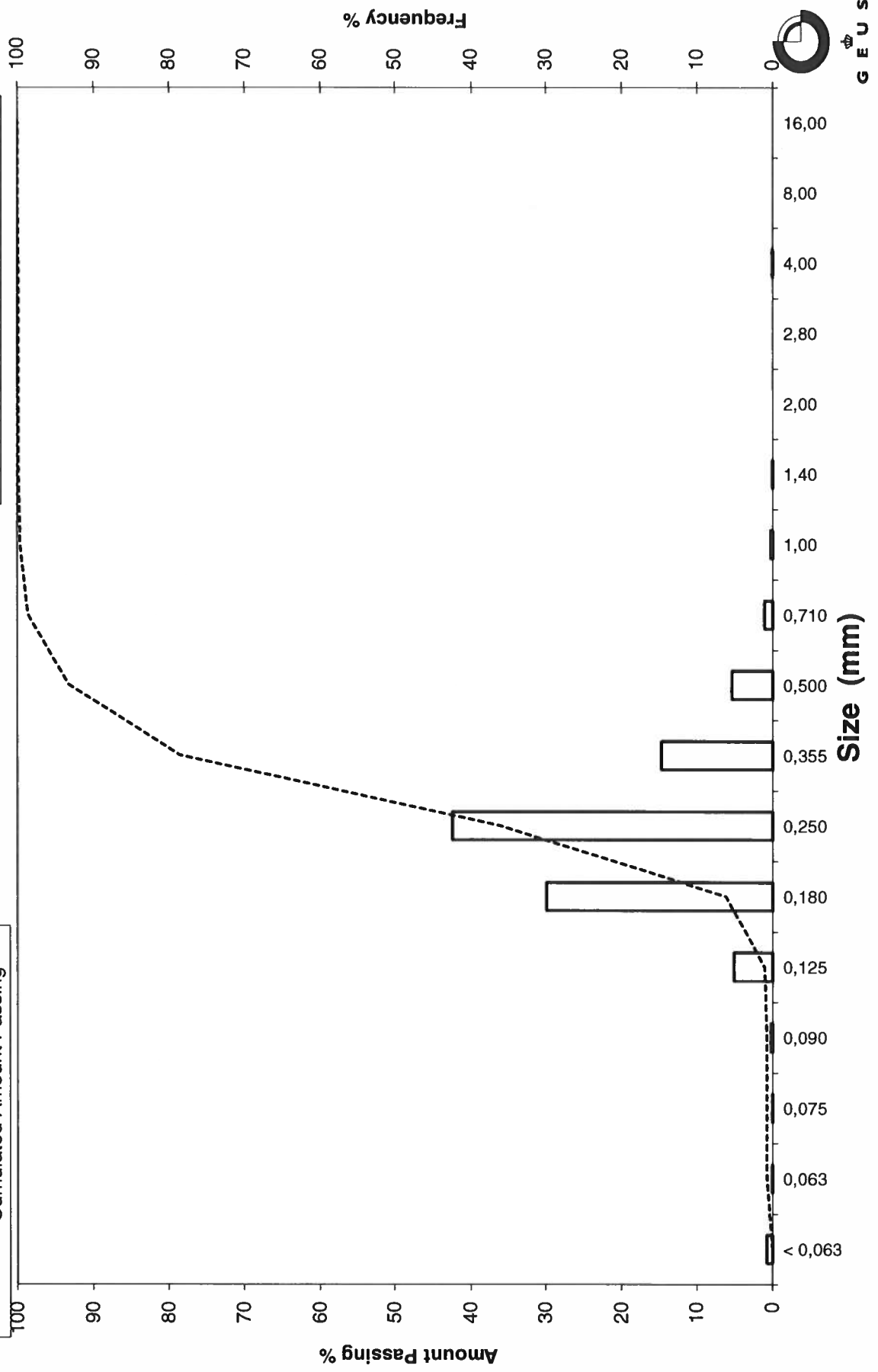
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A54 300-350

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A56 0-50
Lab. Id: 220614
Projekt: Energistyrelsen
Subject: A56
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 105,05 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,38	0,36	99,64
2,00	-1,00	0,69	0,66	98,98
1,40	-0,49	1,24	1,18	97,80
1,00	0,00	2,98	2,84	94,96
0,710	0,49	6,00	5,71	89,25
0,500	1,00	9,44	8,99	80,27
0,355	1,49	17,37	16,53	63,73
0,250	2,00	32,25	30,70	33,03
0,180	2,47	29,36	27,95	5,08
0,125	3,00	3,88	3,69	1,39
0,090	3,47	0,37	0,35	1,04
0,075	3,74	0,00	0,00	1,04
0,063	3,99	0,01	0,01	1,03
< 0,063	> 3,99	1,08	1,03	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,03
Sand, fine (0,063 mm - 0,200 mm):	12,04
Sand, medium (0,2 mm - 0,6 mm):	71,48
Sand, coarse (0,6 mm - 2 mm):	14,44
Gravel (> 2 mm):	1,02
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,01	-0,01
16%	84%	0,59	0,77
25%	75%	0,45	1,14
40%	60%	0,34	1,55
Median 50%	50%	0,31	1,70
75%	25%	0,23	2,12
84%	16%	0,21	2,27
90%	10%	0,19	2,38
95%	5%	0,18	2,48

Moments Statistics

Mean	1,58
Sorting	0,75
Skewness	-0,30
Kurtosis	1,04
Uniformity Coefficient	1,78

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

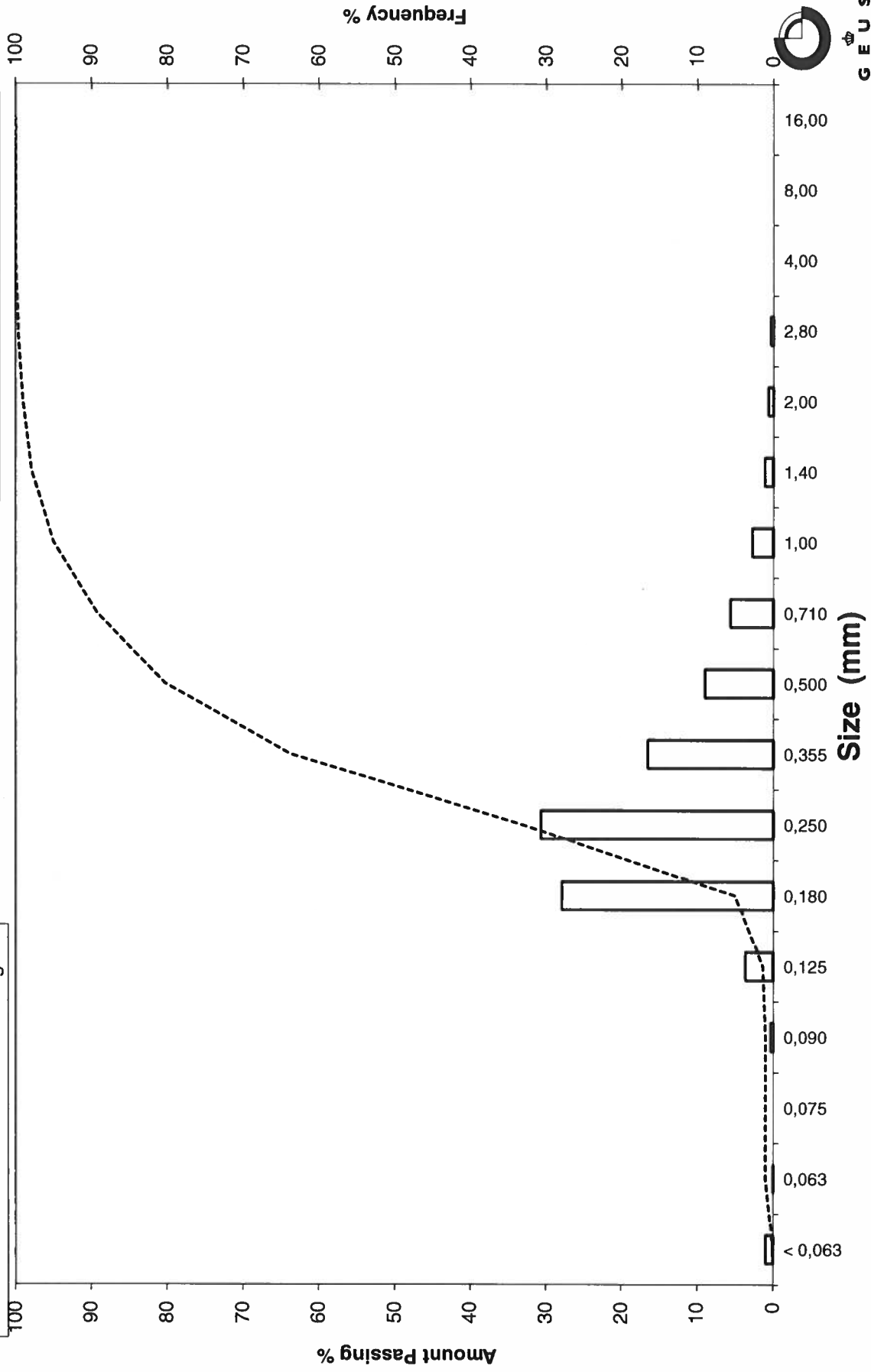
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A56 0-50

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A56 100-150
Lab. Id: 220615
Projekt: Energistyrelsen
Subject: A56
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 153,69 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,54	0,35	99,65
2,80	-1,49	1,26	0,82	98,83
2,00	-1,00	3,49	2,27	96,56
1,40	-0,49	8,86	5,76	90,79
1,00	0,00	20,45	13,31	77,49
0,710	0,49	21,43	13,94	63,54
0,500	1,00	26,53	17,26	46,28
0,355	1,49	22,63	14,72	31,56
0,250	2,00	27,75	18,06	13,50
0,180	2,47	16,87	10,98	2,52
0,125	3,00	2,66	1,73	0,79
0,090	3,47	0,16	0,10	0,69
0,075	3,74	0,01	0,01	0,68
0,063	3,99	0,00	0,00	0,68
< 0,063	> 3,99	1,05	0,68	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,68
Sand, fine (0,063 mm - 0,200 mm):	4,98
Sand, medium (0,2 mm - 0,6 mm):	48,84
Sand, coarse (0,6 mm - 2 mm):	42,06
Gravel (> 2 mm):	3,44
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,84	-0,88
16%	84%	1,20	-0,26
25%	75%	0,95	0,08
40%	60%	0,67	0,58
Median 50%	50%	0,55	0,88
75%	25%	0,32	1,66
84%	16%	0,26	1,92
90%	10%	0,23	2,13
95%	5%	0,20	2,35

Moments Statistics

Mean	0,85
Sorting	1,03
Skewness	-0,06
Kurtosis	0,84
Uniformity Coefficient	2,93

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

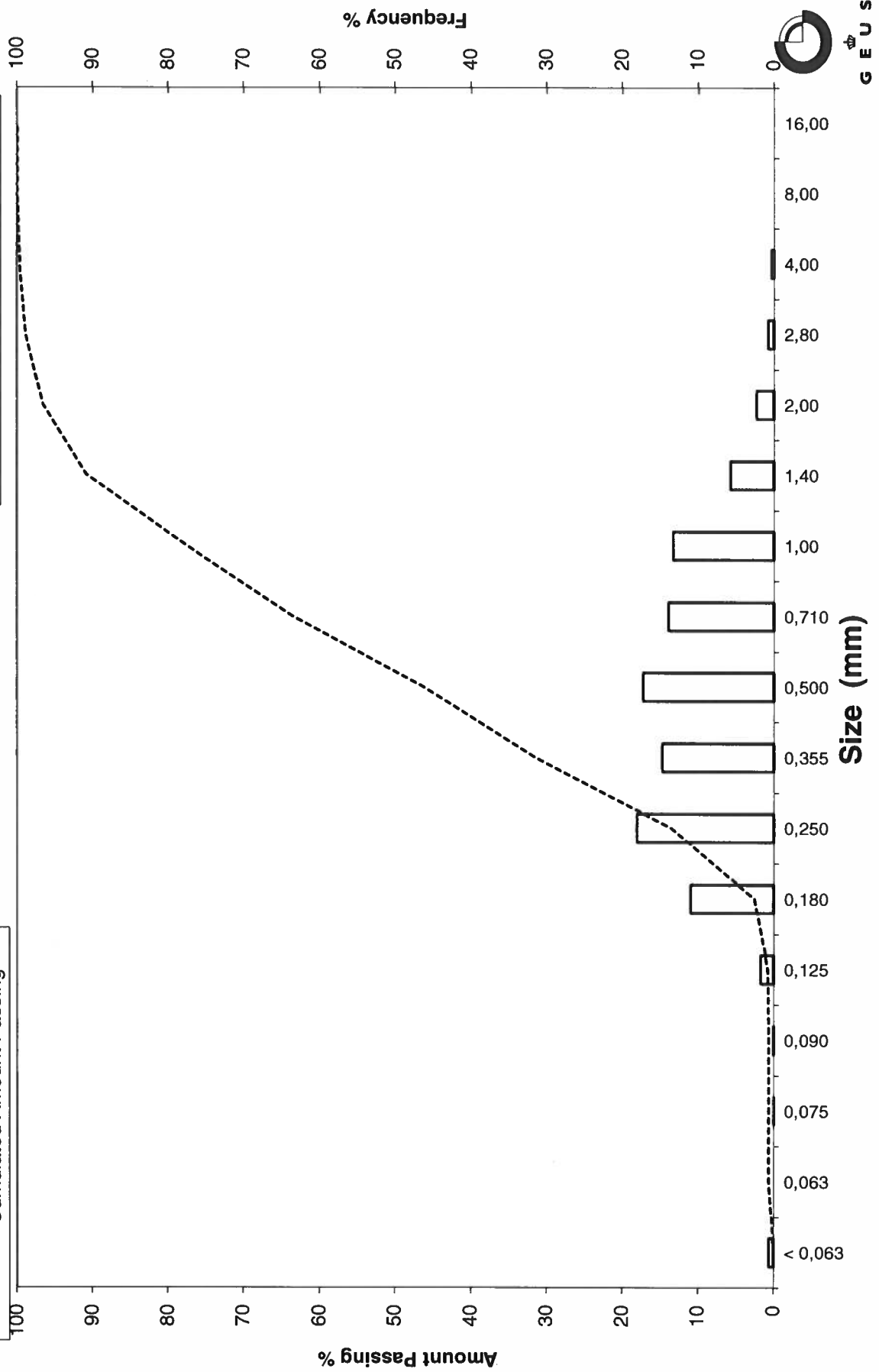
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A56 100-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A56 200-250
Lab. Id: 220616
Projekt Energistyrelsen
Subject: A56
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 97,82 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,13	0,13	99,87
1,00	0,00	0,65	0,66	99,20
0,710	0,49	2,26	2,31	96,89
0,500	1,00	4,53	4,63	92,26
0,355	1,49	9,26	9,47	82,79
0,250	2,00	31,32	32,02	50,78
0,180	2,47	42,79	43,74	7,03
0,125	3,00	5,27	5,39	1,65
0,090	3,47	0,46	0,47	1,18
0,075	3,74	0,05	0,05	1,12
0,063	3,99	0,09	0,09	1,03
< 0,063	> 3,99	1,01	1,03	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,03
Sand, fine (0,063 mm - 0,200 mm):	18,50
Sand, medium (0,2 mm - 0,6 mm):	74,94
Sand, coarse (0,6 mm - 2 mm):	5,53
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,62	0,68
16%	84%	0,37	1,42
25%	75%	0,33	1,60
40%	60%	0,28	1,84
Median 50%	50%	0,25	2,01
75%	25%	0,21	2,26
84%	16%	0,19	2,36
90%	10%	0,18	2,44
95%	5%	0,16	2,65

Moments Statistics

Mean	1,93
Sorting	0,53
Skewness	-0,30
Kurtosis	1,23
Uniformity Coefficient	1,52

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

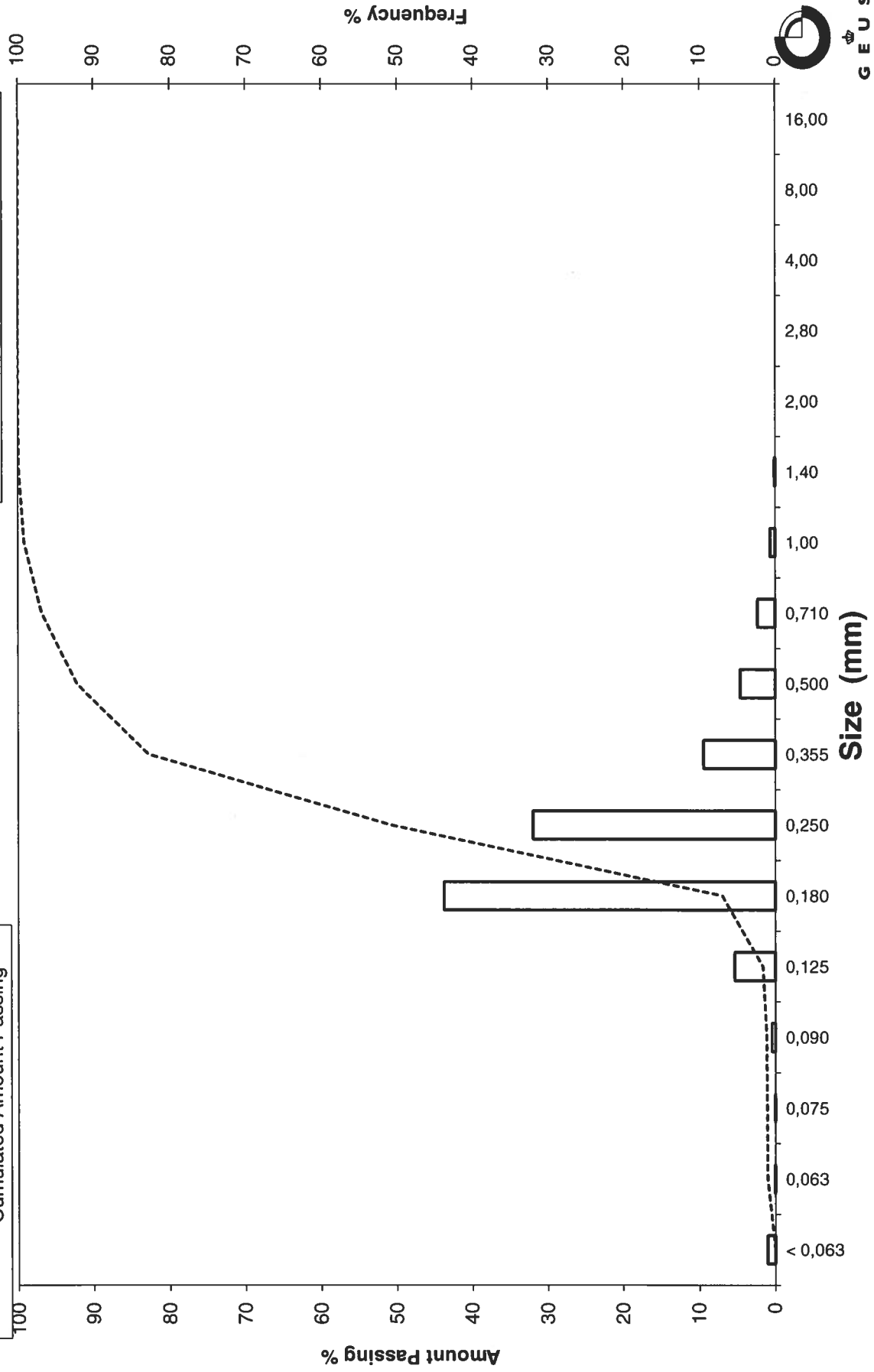
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A56 200-250

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A56 300-350
Lab. Id: 220617
Projekt Energistyrelsen
Subject: A56
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 92,7 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,00	0,00	100,00
1,00	0,00	0,11	0,12	99,88
0,710	0,49	0,15	0,16	99,72
0,500	1,00	0,50	0,54	99,18
0,355	1,49	1,52	1,64	97,54
0,250	2,00	10,87	11,73	85,81
0,180	2,47	47,88	51,65	34,16
0,125	3,00	27,10	29,23	4,93
0,090	3,47	2,18	2,35	2,58
0,075	3,74	0,21	0,23	2,35
0,063	3,99	0,22	0,24	2,11
< 0,063	> 3,99	1,96	2,11	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	2,11
Sand, fine (0,063 mm - 0,200 mm):	46,81
Sand, medium (0,2 mm - 0,6 mm):	50,52
Sand, coarse (0,6 mm - 2 mm):	0,56
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,33	1,59
16%	84%	0,25	2,01
25%	75%	0,24	2,09
40%	60%	0,22	2,22
Median 50%	50%	0,20	2,31
75%	25%	0,16	2,62
84%	16%	0,15	2,78
90%	10%	0,13	2,89
95%	5%	0,13	3,00

Moments Statistics

Mean	2,37
Sorting	0,40
Skewness	0,10
Kurtosis	1,09
Uniformity Coefficient	1,60

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient (d60% / d10%) (dgf-Bulletin 1988)

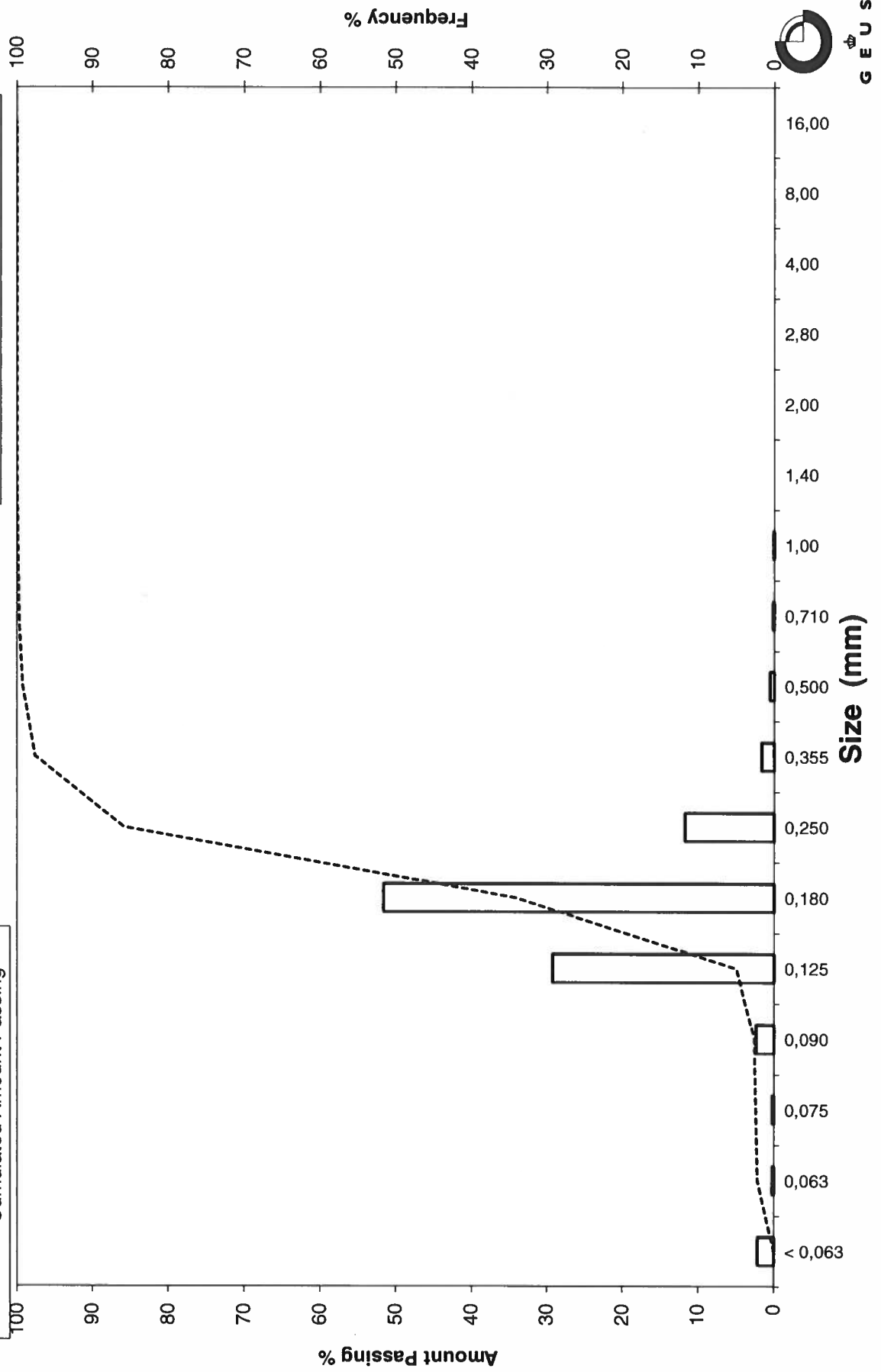
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A56 300-350

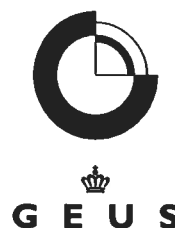
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A59 0-50
Lab. Id: 220618
Projekt: Energistyrelsen
Subject: A59
Date: 02-09-2022
Executed: PS/CRL
Remarks: >8mm består af skaller



Total Weight 106,24 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount
	mm	Φ	g	%	amount passing
Sieve Analysis	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,92	0,87	99,13
	4,00	-2,00	0,11	0,10	99,03
	2,80	-1,49	0,15	0,14	98,89
	2,00	-1,00	0,68	0,64	98,25
	1,40	-0,49	2,87	2,70	95,55
	1,00	0,00	6,16	5,80	89,75
	0,710	0,49	9,99	9,40	80,35
	0,500	1,00	18,56	17,47	62,88
	0,355	1,49	27,57	25,95	36,93
	0,250	2,00	22,83	21,49	15,44
	0,180	2,47	12,67	11,93	3,51
	0,125	3,00	2,57	2,42	1,09
	0,090	3,47	0,25	0,24	0,86
	0,075	3,74	0,00	0,00	0,86
	0,063	3,99	0,02	0,02	0,84
	< 0,063	> 3,99	0,89	0,84	0,00
			Gravel		
			Sand		

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,84
Sand, fine (0,063 mm - 0,200 mm):	6,08
Sand, medium (0,2 mm - 0,6 mm):	64,28
Sand, coarse (0,6 mm - 2 mm):	27,05
Gravel (> 2 mm):	1,75
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,36	-0,45
16%	84%	0,82	0,28
25%	75%	0,65	0,63
40%	60%	0,48	1,05
Median 50%	50%	0,43	1,22
75%	25%	0,30	1,75
84%	16%	0,25	1,98
90%	10%	0,22	2,20
95%	5%	0,19	2,41

Moments Statistics

Mean	1,16
Sorting	0,86
Skewness	-0,14
Kurtosis	1,04
Uniformity Coefficient	2,22

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

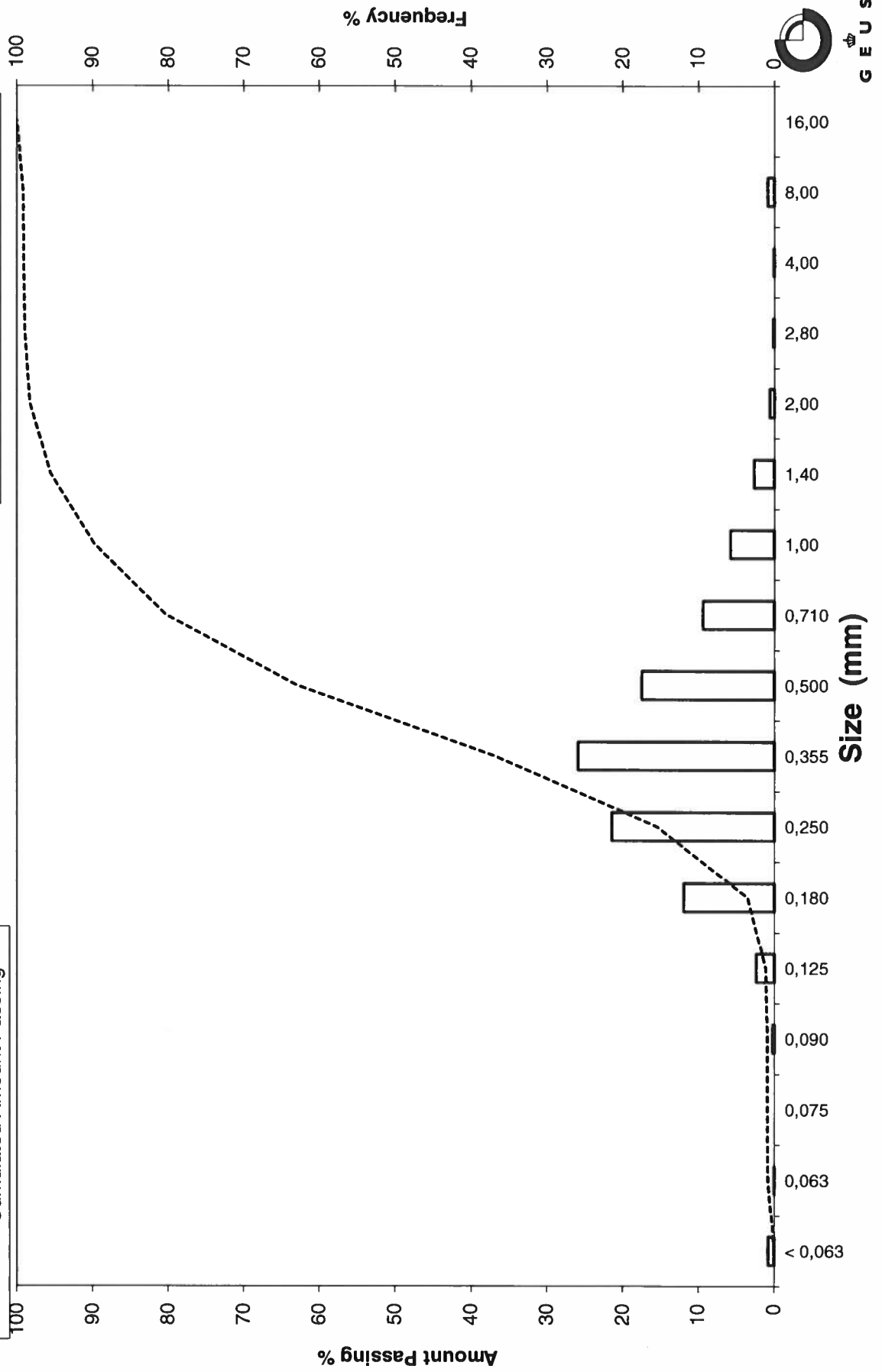
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A59 0-50

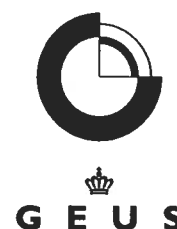
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A59 100-150
Lab. Id: 220619
Projekt: Energistyrelsen
Subject: A59
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 103,62 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,15	0,14	99,86
1,40	-0,49	0,52	0,50	99,35
1,00	0,00	3,89	3,75	95,60
0,710	0,49	7,01	6,77	88,83
0,500	1,00	16,61	16,03	72,80
0,355	1,49	20,62	19,90	52,90
0,250	2,00	24,90	24,03	28,87
0,180	2,47	19,58	18,90	9,98
0,125	3,00	8,59	8,29	1,69
0,090	3,47	0,66	0,64	1,05
0,075	3,74	0,04	0,04	1,01
0,063	3,99	0,05	0,05	0,97
< 0,063	> 3,99	1,00	0,97	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,97
Sand, fine (0,063 mm - 0,200 mm):	14,41
Sand, medium (0,2 mm - 0,6 mm):	65,06
Sand, coarse (0,6 mm - 2 mm):	19,42
Gravel (> 2 mm):	0,14
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,97	0,04
16%	84%	0,65	0,63
25%	75%	0,53	0,92
40%	60%	0,41	1,30
Median 50%	50%	0,34	1,55
75%	25%	0,24	2,09
84%	16%	0,20	2,31
90%	10%	0,18	2,47
95%	5%	0,15	2,77

Moments Statistics

Mean	1,49
Sorting	0,83
Skewness	-0,10
Kurtosis	0,96
Uniformity Coefficient	2,26

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

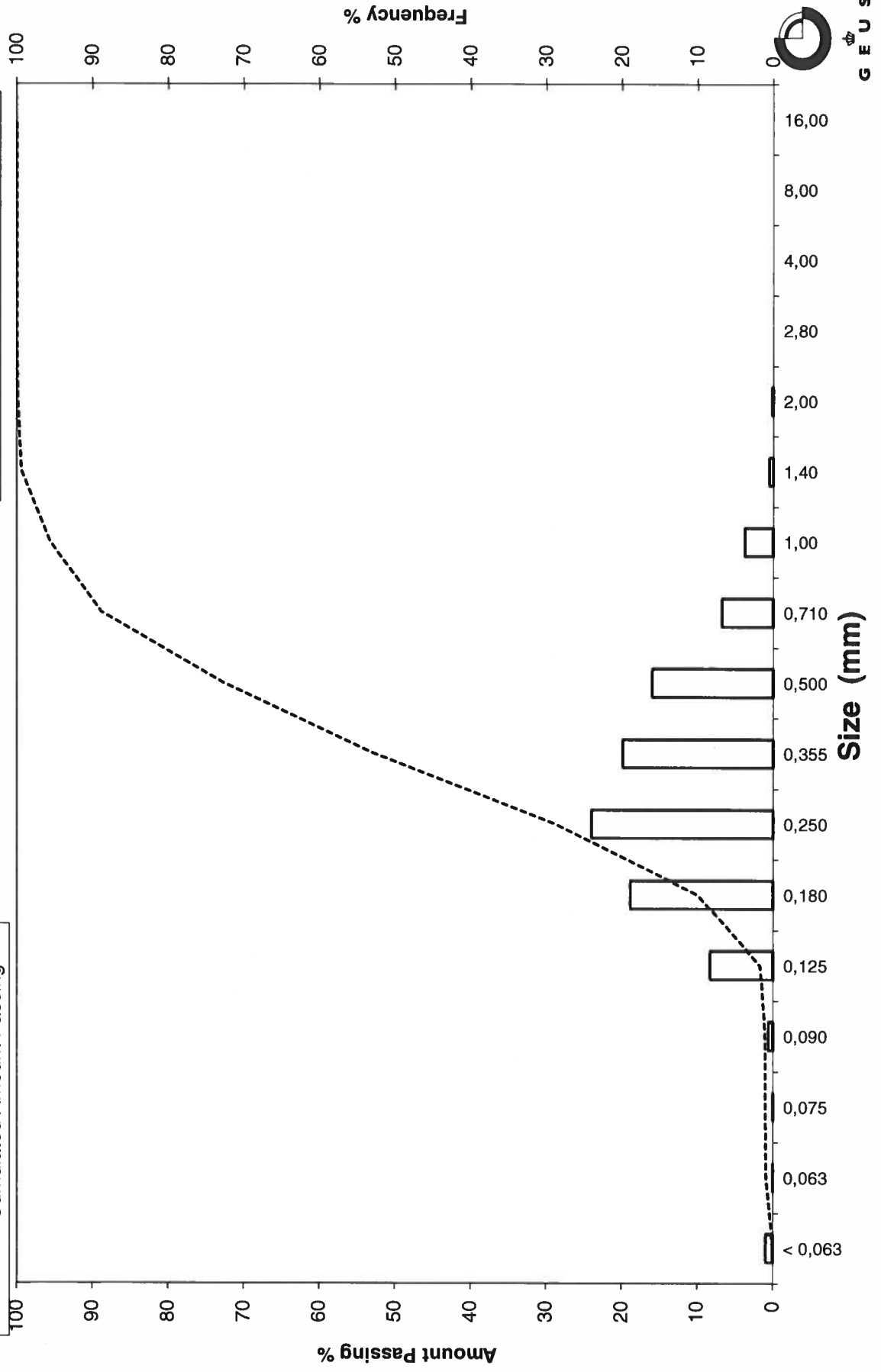
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A59 100-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: A59 210-260
Lab. Id: 220620
Projekt: Energistyrelsen
Subject: A59
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 100,66 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,02	0,02	99,98
2,00	-1,00	0,09	0,09	99,89
1,40	-0,49	0,18	0,18	99,71
1,00	0,00	0,83	0,82	98,89
0,710	0,49	2,00	1,99	96,90
0,500	1,00	5,93	5,89	91,01
0,355	1,49	15,78	15,68	75,33
0,250	2,00	28,12	27,94	47,40
0,180	2,47	31,76	31,55	15,85
0,125	3,00	12,30	12,22	3,63
0,090	3,47	1,72	1,71	1,92
0,075	3,74	0,16	0,16	1,76
0,063	3,99	0,27	0,27	1,49
< 0,063	> 3,99	1,50	1,49	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,49
Sand, fine (0,063 mm - 0,200 mm):	23,37
Sand, medium (0,2 mm - 0,6 mm):	68,95
Sand, coarse (0,6 mm - 2 mm):	6,08
Gravel (> 2 mm):	0,11
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,64	0,64
16%	84%	0,44	1,20
25%	75%	0,35	1,50
40%	60%	0,30	1,75
Median 50%	50%	0,26	1,94
75%	25%	0,20	2,32
84%	16%	0,18	2,47
90%	10%	0,15	2,70
95%	5%	0,13	2,93

Moments Statistics

Mean	1,87
Sorting	0,66
Skewness	-0,16
Kurtosis	1,14
Uniformity Coefficient	1,93

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

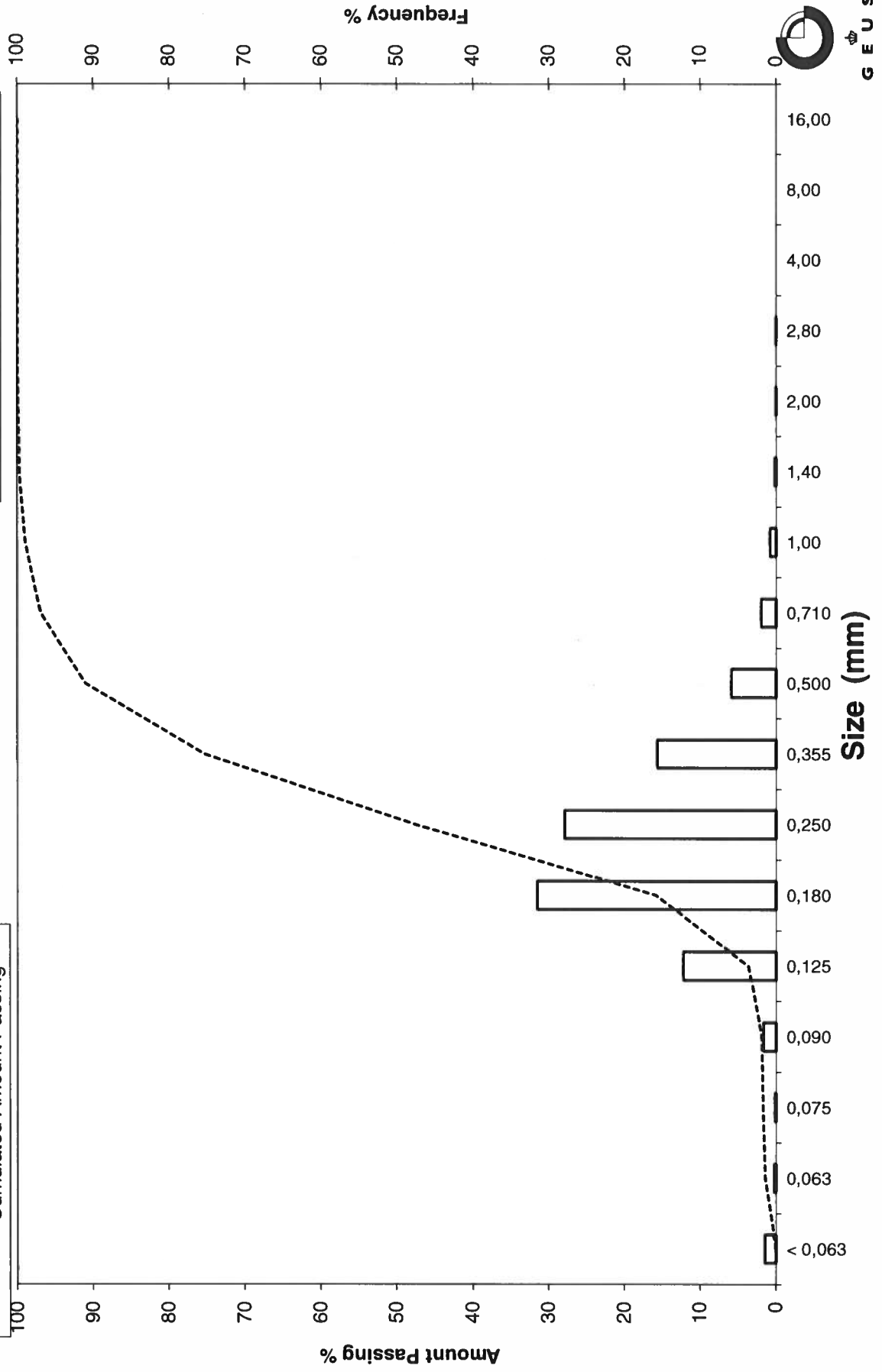
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: A59 210-260

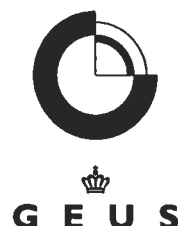
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B1 0-100
Lab. Id: 220486
Projekt: Energistyrelsen
Subject: B1
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 96,37 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,00	0,00	100,00
	1,40	-0,49	0,00	0,00	100,00
	1,00	0,00	0,13	0,13	99,87
	0,710	0,49	0,15	0,16	99,71
	0,500	1,00	0,40	0,42	99,29
	0,355	1,49	1,77	1,84	97,46
Sand	0,250	2,00	14,94	15,50	81,95
	0,180	2,47	58,23	60,42	21,53
	0,125	3,00	18,74	19,45	2,09
	0,090	3,47	0,86	0,89	1,19
	0,075	3,74	0,04	0,04	1,15
	0,063	3,99	0,07	0,07	1,08
	< 0,063	> 3,99	1,04	1,08	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,08
Sand, fine (0,063 mm - 0,200 mm):	37,72
Sand, medium (0,2 mm - 0,6 mm):	60,70
Sand, coarse (0,6 mm - 2 mm):	0,51
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,34	1,56
16%	84%	0,26	1,92
25%	75%	0,24	2,05
40%	60%	0,22	2,15
Median 50%	50%	0,21	2,23
75%	25%	0,18	2,44
84%	16%	0,16	2,61
90%	10%	0,15	2,76
95%	5%	0,13	2,91

Moments Statistics

Mean	2,25
Sorting	0,37
Skewness	0,05
Kurtosis	1,40
Uniformity Coefficient	1,52

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

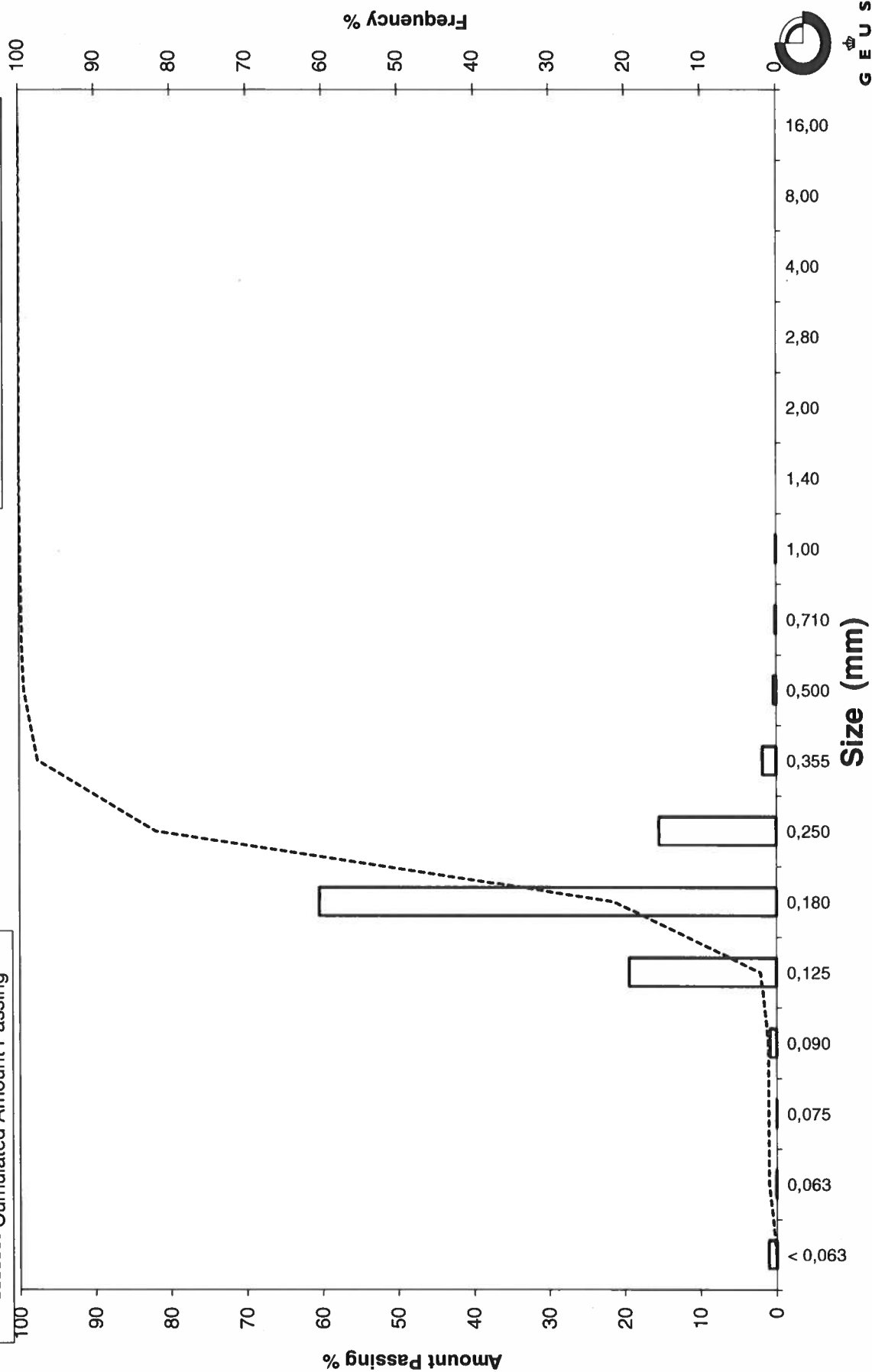
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B1 0-100

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B2 0-60
Lab. Id: 220454
Projekt: Energistyrelsen
Subject: B2
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 101,74 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,02	0,02	99,98
	1,40	-0,49	0,62	0,61	99,37
	1,00	0,00	5,17	5,08	94,29
	0,710	0,49	9,33	9,17	85,12
	0,500	1,00	12,91	12,69	72,43
	0,355	1,49	25,03	24,60	47,83
Sand	0,250	2,00	30,99	30,46	17,37
	0,180	2,47	14,99	14,73	2,63
	0,125	3,00	1,79	1,76	0,87
	0,090	3,47	0,08	0,08	0,80
	0,075	3,74	0,01	0,01	0,79
	0,063	3,99	0,00	0,00	0,79
	< 0,063	> 3,99	0,80	0,79	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,79
Sand, fine (0,063 mm - 0,200 mm):	6,06
Sand, medium (0,2 mm - 0,6 mm):	71,63
Sand, coarse (0,6 mm - 2 mm):	21,51
Gravel (> 2 mm):	0,02
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,06	-0,08
16%	84%	0,69	0,53
25%	75%	0,54	0,88
40%	60%	0,43	1,23
Median 50%	50%	0,37	1,44
75%	25%	0,28	1,86
84%	16%	0,24	2,04
90%	10%	0,21	2,22
95%	5%	0,19	2,39

Moments Statistics

Mean	1,34
Sorting	0,75
Skewness	-0,22
Kurtosis	1,04
Uniformity Coefficient	1,98

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

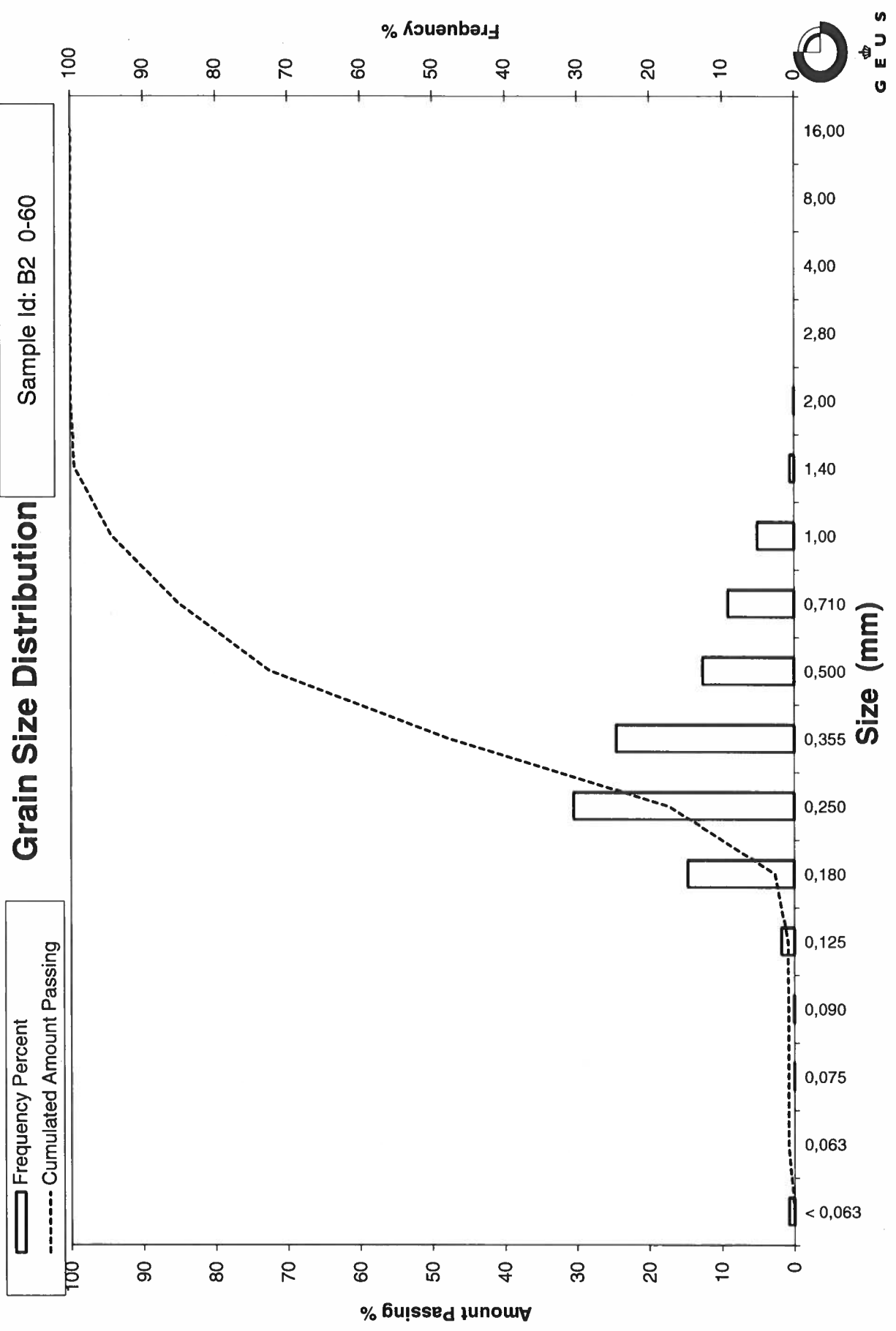
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: B2 60-100
Lab. Id: 220455
Projekt: Energistyrelsen
Subject: B2
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 104,68 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,00	0,00	100,00
	1,40	-0,49	0,29	0,28	99,72
	1,00	0,00	4,37	4,17	95,55
	0,710	0,49	6,65	6,35	89,20
	0,500	1,00	9,95	9,51	79,69
	0,355	1,49	20,84	19,91	59,78
Sand	0,250	2,00	35,06	33,49	26,29
	0,180	2,47	24,03	22,96	3,33
	0,125	3,00	2,88	2,75	0,58
	0,090	3,47	0,11	0,11	0,48
	0,075	3,74	0,03	0,03	0,45
	0,063	3,99	0,03	0,03	0,42
	< 0,063	> 3,99	0,44	0,42	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,42
Sand, fine (0,063 mm - 0,200 mm):	9,47
Sand, medium (0,2 mm - 0,6 mm):	74,32
Sand, coarse (0,6 mm - 2 mm):	15,78
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,97	0,04
16%	84%	0,60	0,75
25%	75%	0,47	1,10
40%	60%	0,36	1,49
Median 50%	50%	0,32	1,62
75%	25%	0,25	2,02
84%	16%	0,22	2,19
90%	10%	0,20	2,32
95%	5%	0,19	2,43

Moments Statistics

Mean	1,52
Sorting	0,72
Skewness	-0,27
Kurtosis	1,07
Uniformity Coefficient	1,78

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

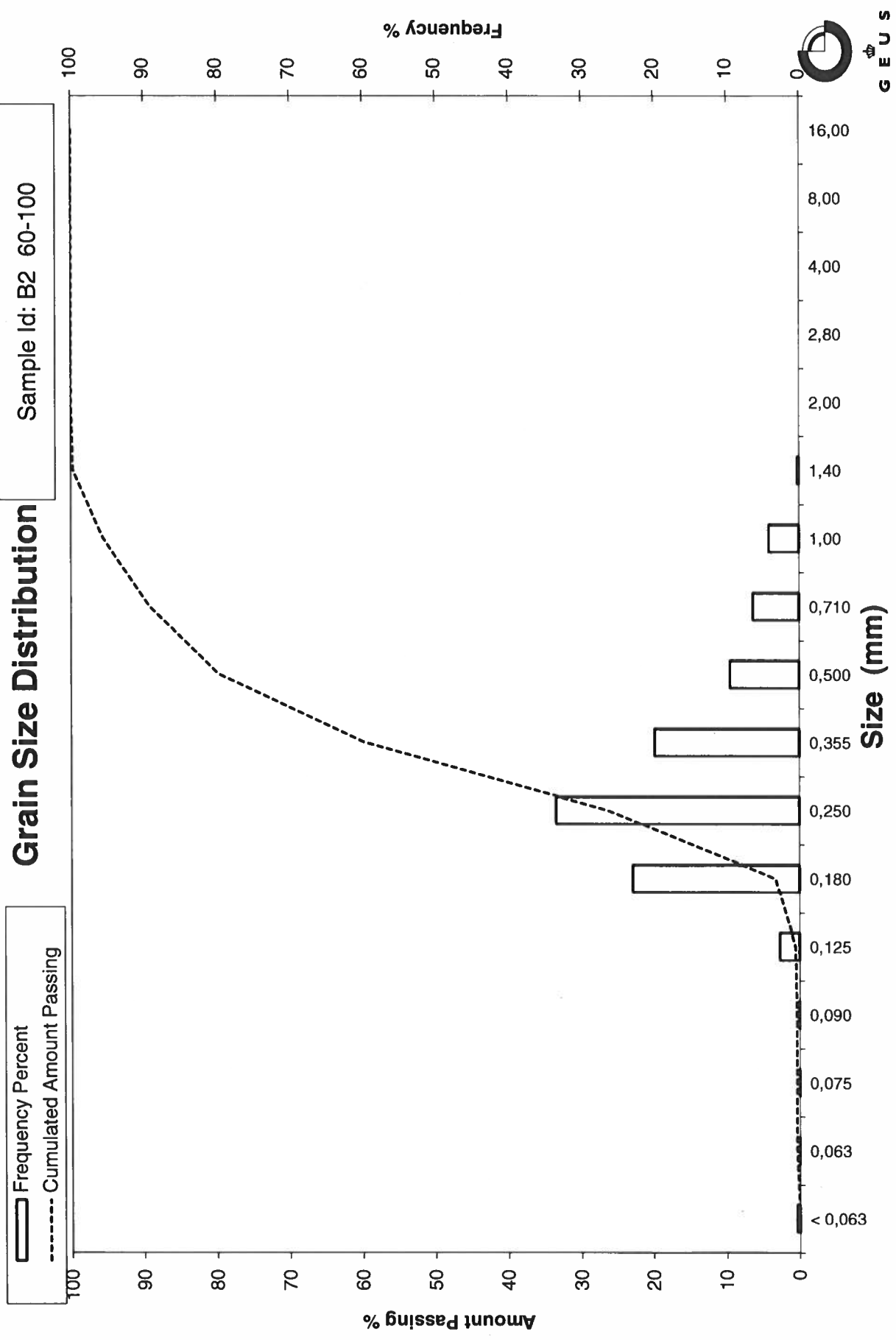
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

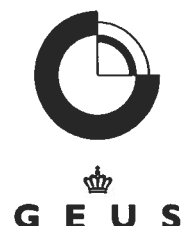
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Grain Size Distribution

Geotechnical

Sample Id: B2 100-150
Lab. Id: 220456
Projekt: Energistyrrelsen
Subject: B2
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 103,5 g

Size Fractions

Sieve Analysis

Gravel

Sand

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,06	0,06	99,94
1,40	-0,49	0,32	0,31	99,63
1,00	0,00	2,66	2,57	97,06
0,710	0,49	6,19	5,98	91,08
0,500	1,00	13,45	13,00	78,09
0,355	1,49	23,21	22,43	55,66
0,250	2,00	36,88	35,63	20,03
0,180	2,47	18,32	17,70	2,33
0,125	3,00	1,69	1,63	0,70
0,090	3,47	0,04	0,04	0,66
0,075	3,74	0,00	0,00	0,66
0,063	3,99	0,00	0,00	0,66
< 0,063	> 3,99	0,68	0,66	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,66
Sand, fine (0,063 mm - 0,200 mm):	6,73
Sand, medium (0,2 mm - 0,6 mm):	76,89
Sand, coarse (0,6 mm - 2 mm):	15,67
Gravel (> 2 mm):	0,06
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,90	0,15
16%	84%	0,60	0,75
25%	75%	0,48	1,06
40%	60%	0,38	1,38
Median 50%	50%	0,34	1,56
75%	25%	0,26	1,92
84%	16%	0,23	2,10
90%	10%	0,21	2,25
95%	5%	0,19	2,39

Moments Statistics

Mean	1,47
Sorting	0,68
Skewness	-0,24
Kurtosis	1,07
Uniformity Coefficient	1,82

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

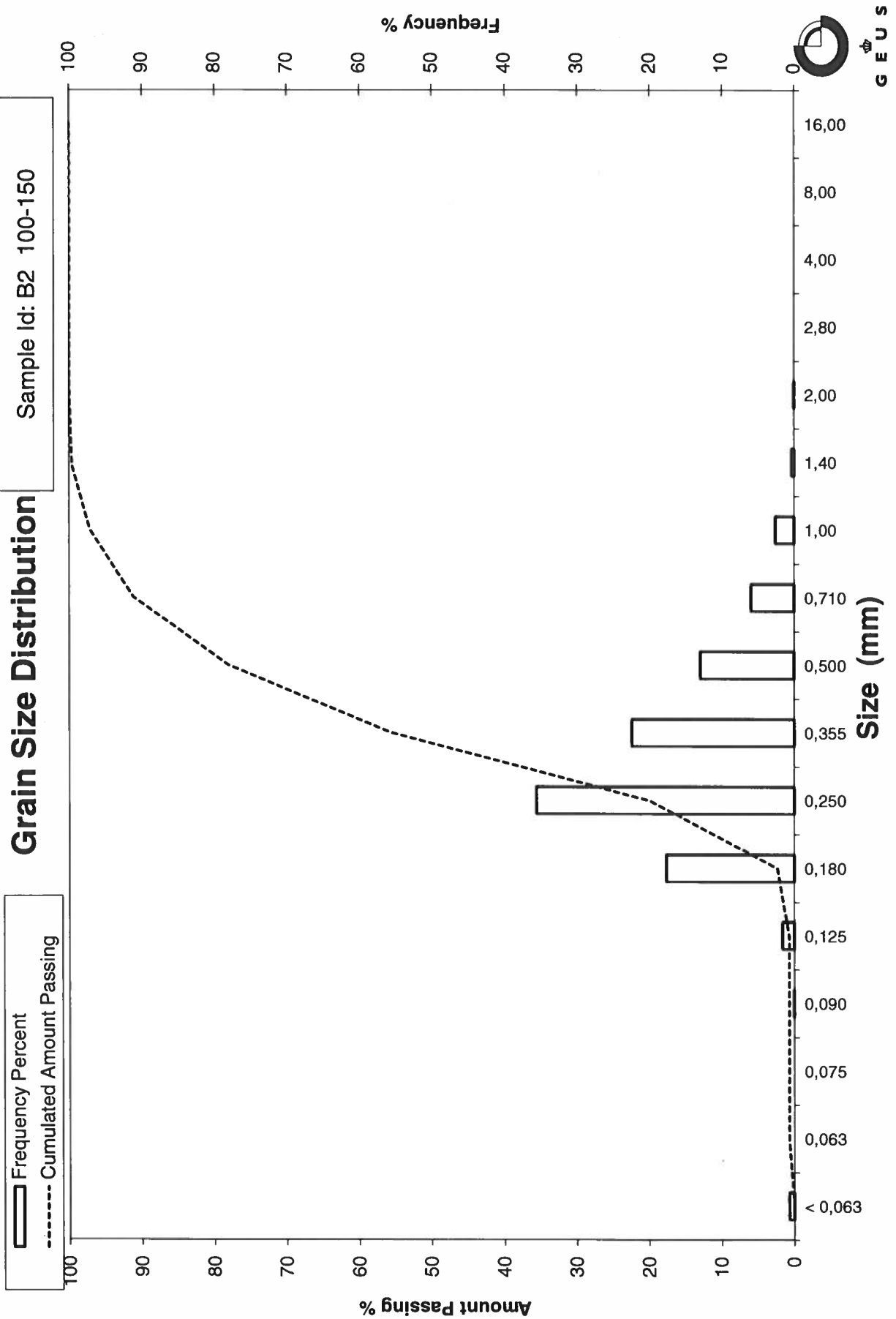
Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: B2 150-200
Lab. Id: 220457
Projekt: Energistyrrelsen
Subject: B2
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 114,31 g

Size Fractions

Sieve Analysis

Gravel

Sand

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,03	0,03	99,97
1,40	-0,49	0,61	0,53	99,44
1,00	0,00	4,52	3,95	95,49
0,710	0,49	7,25	6,34	89,14
0,500	1,00	9,81	8,58	80,56
0,355	1,49	21,44	18,76	61,81
0,250	2,00	41,07	35,93	25,88
0,180	2,47	25,31	22,14	3,74
0,125	3,00	2,81	2,46	1,28
0,090	3,47	0,09	0,08	1,20
0,075	3,74	0,04	0,03	1,16
0,063	3,99	0,00	0,00	1,16
< 0,063	> 3,99	1,33	1,16	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,16
Sand, fine (0,063 mm - 0,200 mm):	8,90
Sand, medium (0,2 mm - 0,6 mm):	74,59
Sand, coarse (0,6 mm - 2 mm):	15,33
Gravel (> 2 mm):	0,03
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,98	0,03
16%	84%	0,58	0,78
25%	75%	0,46	1,13
40%	60%	0,35	1,52
Median 50%	50%	0,32	1,64
75%	25%	0,25	2,02
84%	16%	0,22	2,19
90%	10%	0,20	2,32
95%	5%	0,18	2,44

Moments Statistics

Mean	1,54
Sorting	0,72
Skewness	-0,28
Kurtosis	1,11
Uniformity Coefficient	1,75

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

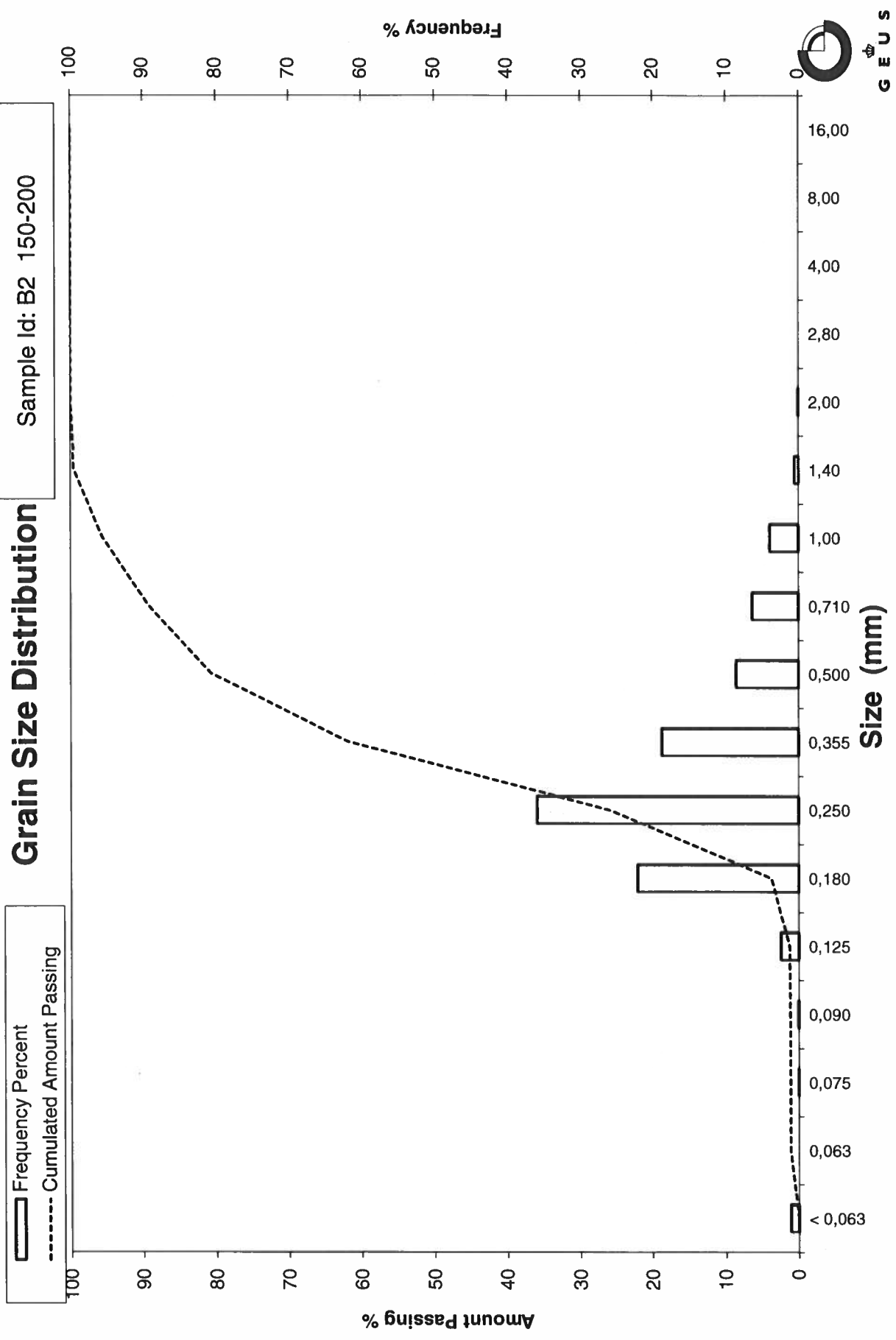
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: B2 300-350
Lab. Id: 220487
Projekt: Energistyrelsen
Subject: B2
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 102,32 g

Size Fractions

Sieve Analysis					
		mm	φ	g	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,08	0,08	99,92
	1,40	-0,49	0,56	0,55	99,37
Sand	1,00	0,00	3,52	3,44	95,93
	0,710	0,49	7,21	7,05	88,89
	0,500	1,00	9,72	9,50	79,39
	0,355	1,49	17,58	17,18	62,21
	0,250	2,00	28,79	28,14	34,07
	0,180	2,47	31,58	30,86	3,21
	0,125	3,00	1,74	1,70	1,51
	0,090	3,47	0,10	0,10	1,41
	0,075	3,74	0,00	0,00	1,41
	0,063	3,99	0,00	0,00	1,41
	< 0,063	> 3,99	1,44	1,41	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,41
Sand, fine (0,063 mm - 0,200 mm):	10,62
Sand, medium (0,2 mm - 0,6 mm):	71,89
Sand, coarse (0,6 mm - 2 mm):	16,01
Gravel (> 2 mm):	0,08
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,96	0,06
16%	84%	0,60	0,73
25%	75%	0,46	1,11
40%	60%	0,35	1,53
Median 50%	50%	0,31	1,69
75%	25%	0,23	2,12
84%	16%	0,21	2,26
90%	10%	0,20	2,36
95%	5%	0,18	2,44

Moments Statistics

Mean	1,56
Sorting	0,74
Skewness	-0,31
Kurtosis	0,97
Uniformity Coefficient	1,77

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

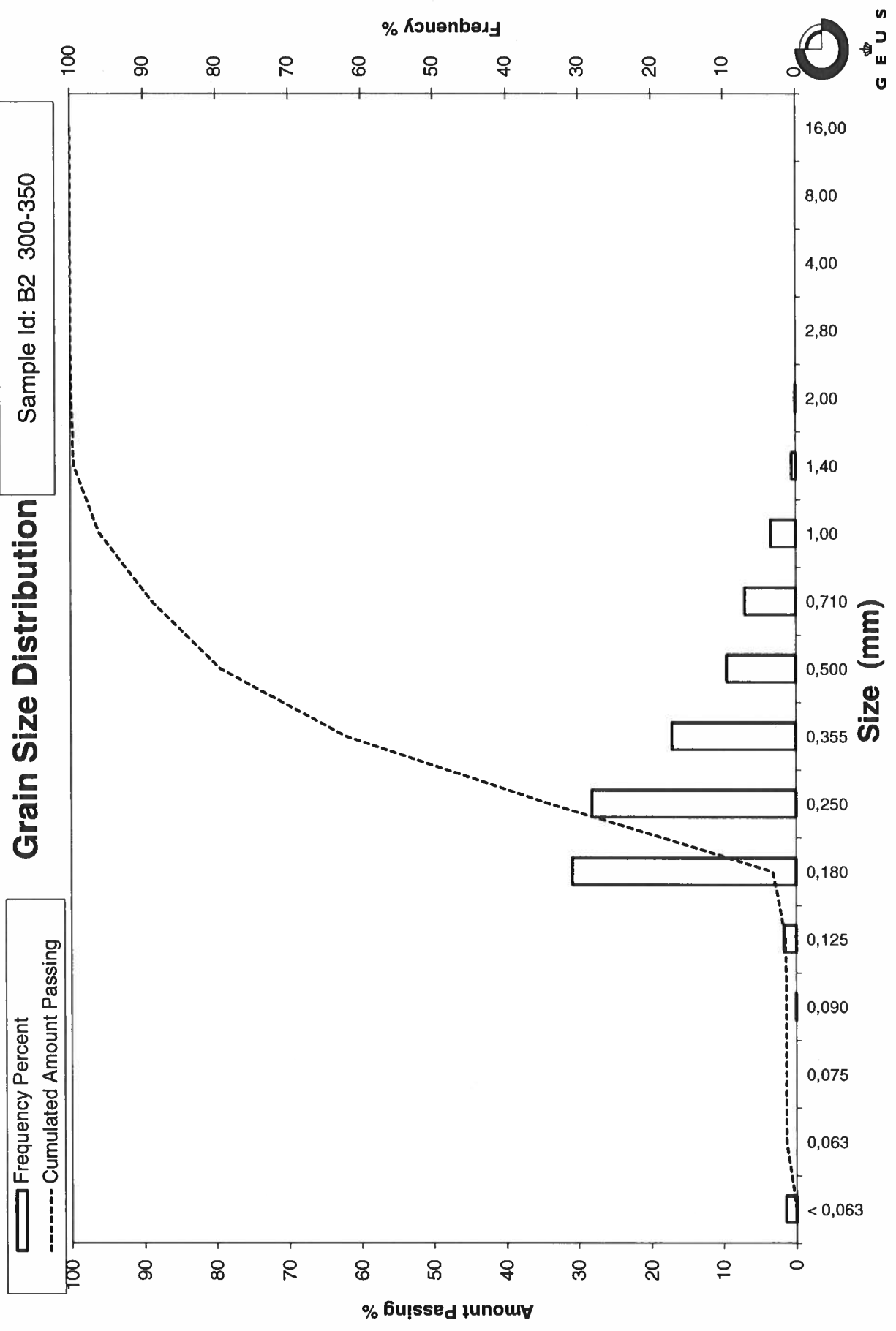
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgt-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: B2 400-450
Lab. Id: 220488
Projekt: Energistyrrelsen
Subject: B2
Date: 13-06-2022
Executed: PS/CRL
Remarks: >2,8mm heraf 1,9g skaller



Total Weight 106,02 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Sieve Analysis	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,63	0,59	99,41
	4,00	-2,00	0,15	0,14	99,26
	2,80	-1,49	0,15	0,14	99,12
	2,00	-1,00	0,19	0,18	98,94
	1,40	-0,49	0,34	0,32	98,62
	1,00	0,00	2,73	2,57	96,05
	0,710	0,49	5,36	5,06	90,99
	0,500	1,00	9,98	9,41	81,58
	0,355	1,49	19,51	18,40	63,18
	0,250	2,00	39,06	36,84	26,33
	0,180	2,47	23,96	22,60	3,74
	0,125	3,00	1,84	1,74	2,00
	0,090	3,47	0,08	0,08	1,92
	0,075	3,74	0,00	0,00	1,92
	0,063	3,99	0,00	0,00	1,92
	< 0,063	> 3,99	2,04	1,92	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,92
Sand, fine (0,063 mm - 0,200 mm):	8,27
Sand, medium (0,2 mm - 0,6 mm):	75,87
Sand, coarse (0,6 mm - 2 mm):	12,88
Gravel (> 2 mm):	1,06
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,94	0,09
16%	84%	0,55	0,85
25%	75%	0,45	1,16
40%	60%	0,35	1,53
Median 50%	50%	0,32	1,66
75%	25%	0,25	2,02
84%	16%	0,22	2,20
90%	10%	0,20	2,33
95%	5%	0,18	2,44

Moments Statistics

Mean	1,57
Sorting	0,69
Skewness	-0,26
Kurtosis	1,11
Uniformity Coefficient	1,73

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

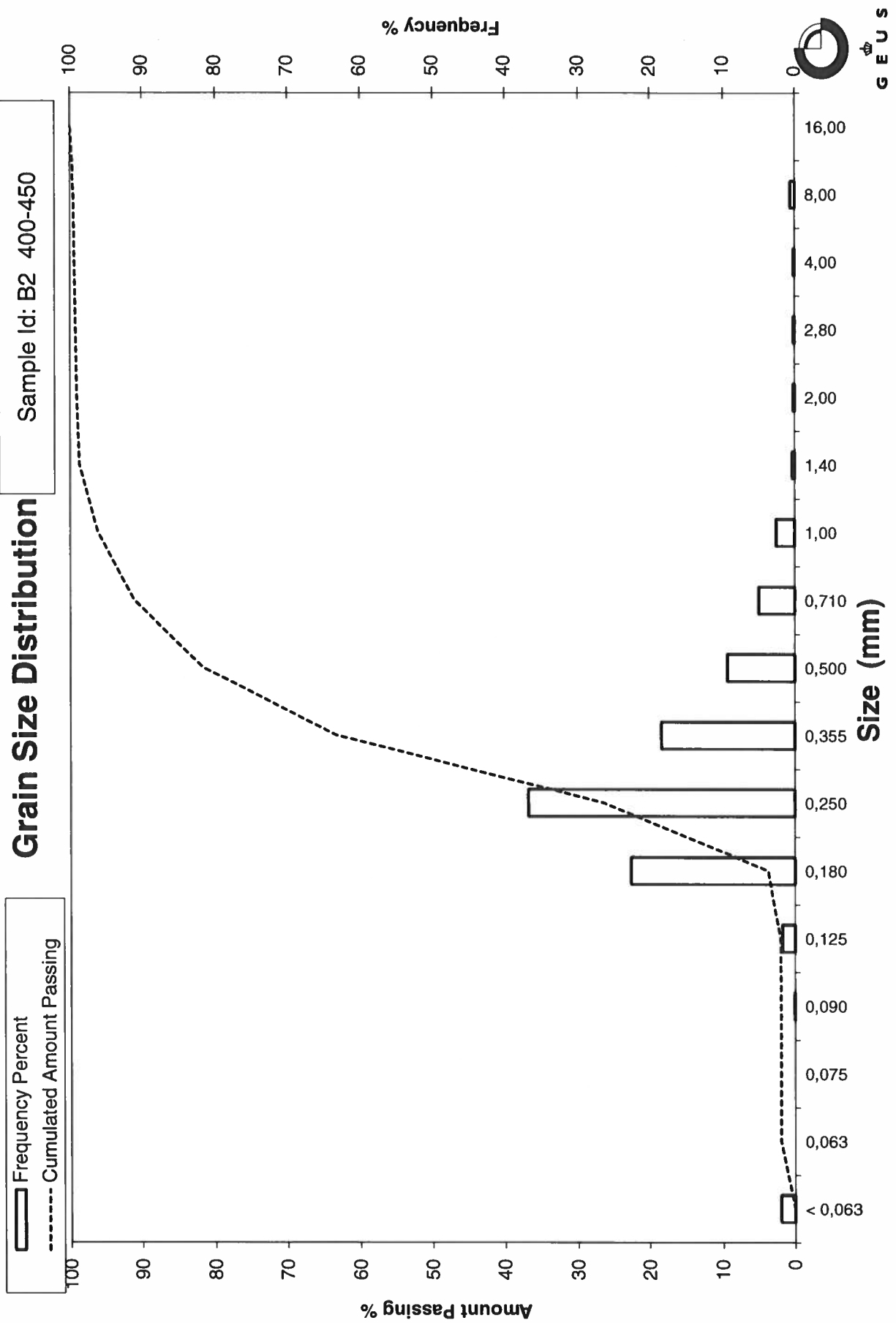
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: B4 0-20
Lab. Id: 220458
Projekt: Energistyrelsen
Subject: B4
Date: 13-06-2022
Executed: PS/CRL
Remarks: >8mm består af skaller



Total Weight 103,04 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,34	0,33	99,67
	4,00	-2,00	0,00	0,00	99,67
	2,80	-1,49	0,13	0,13	99,54
	2,00	-1,00	0,64	0,62	98,92
	1,40	-0,49	2,33	2,26	96,66
	1,00	0,00	7,35	7,13	89,53
	0,710	0,49	11,19	10,86	78,67
	0,500	1,00	16,80	16,30	62,36
	0,355	1,49	23,71	23,01	39,35
Sand	0,250	2,00	25,84	25,08	14,28
	0,180	2,47	11,60	11,26	3,02
	0,125	3,00	1,76	1,71	1,31
	0,090	3,47	0,15	0,15	1,16
	0,075	3,74	0,00	0,00	1,16
	0,063	3,99	0,00	0,00	1,16
	< 0,063	> 3,99	1,20	1,16	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,16
Sand, fine (0,063 mm - 0,200 mm):	5,07
Sand, medium (0,2 mm - 0,6 mm):	63,89
Sand, coarse (0,6 mm - 2 mm):	28,79
Gravel (> 2 mm):	1,08
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,31	-0,39
16%	84%	0,85	0,23
25%	75%	0,66	0,59
40%	60%	0,49	1,04
Median 50%	50%	0,42	1,24
75%	25%	0,29	1,76
84%	16%	0,26	1,96
90%	10%	0,22	2,16
95%	5%	0,19	2,38

Moments Statistics

Mean	1,14
Sorting	0,85
Skewness	-0,18
Kurtosis	0,97
Uniformity Coefficient	2,17

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

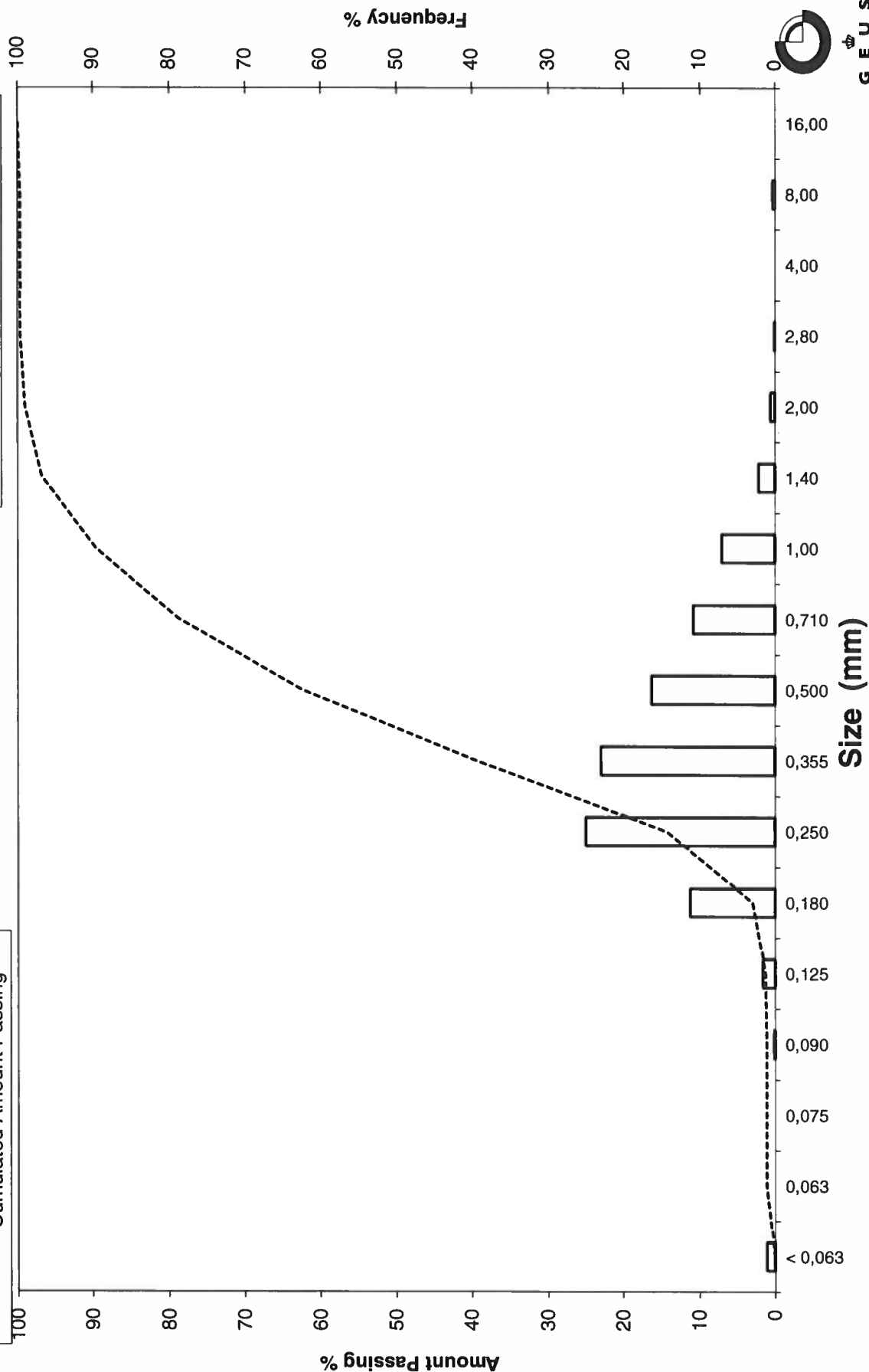
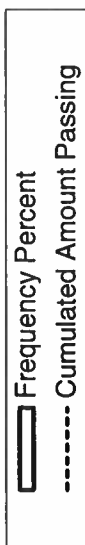
Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgt-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

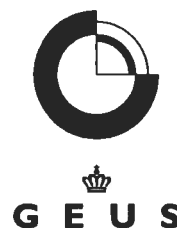
Sample Id: B4 0-20



Grain Size Distribution

Geotechnical

Sample Id: B4 20-65
Lab. Id: 220459
Projekt: Energistyrelsen
Subject: B4
Date: 13-06-2022
Executed: PS/CRL
Remarks: >16mm består af skaller



Total Weight 102,89 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,18	0,17	99,83
8,00	-3,00	0,17	0,17	99,66
4,00	-2,00	0,28	0,27	99,39
2,80	-1,49	2,07	2,01	97,38
2,00	-1,00	5,28	5,13	92,24
1,40	-0,49	8,79	8,54	83,70
1,00	0,00	9,79	9,52	74,19
0,710	0,49	10,82	10,52	63,67
0,500	1,00	15,02	14,60	49,07
0,355	1,49	24,20	23,52	25,55
0,250	2,00	21,62	21,01	4,54
0,180	2,47	2,92	2,84	1,70
0,125	3,00	0,32	0,31	1,39
0,090	3,47	0,20	0,19	1,20
0,075	3,74	0,01	0,01	1,19
0,063	3,99	0,00	0,00	1,19
< 0,063	> 3,99	1,22	1,19	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,19
Sand, fine (0,063 mm - 0,200 mm):	1,33
Sand, medium (0,2 mm - 0,6 mm):	53,51
Sand, coarse (0,6 mm - 2 mm):	36,22
Gravel (> 2 mm):	7,76
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	2,43	-1,28
16%	84%	1,42	-0,51
25%	75%	1,03	-0,05
40%	60%	0,66	0,61
Median 50%	50%	0,51	0,96
75%	25%	0,35	1,51
84%	16%	0,31	1,70
90%	10%	0,28	1,85
95%	5%	0,25	1,99

Moments Statistics

Mean	0,72
Sorting	1,05
Skewness	-0,35
Kurtosis	0,86
Uniformity Coefficient	2,37

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgt-Bulletin 1988)

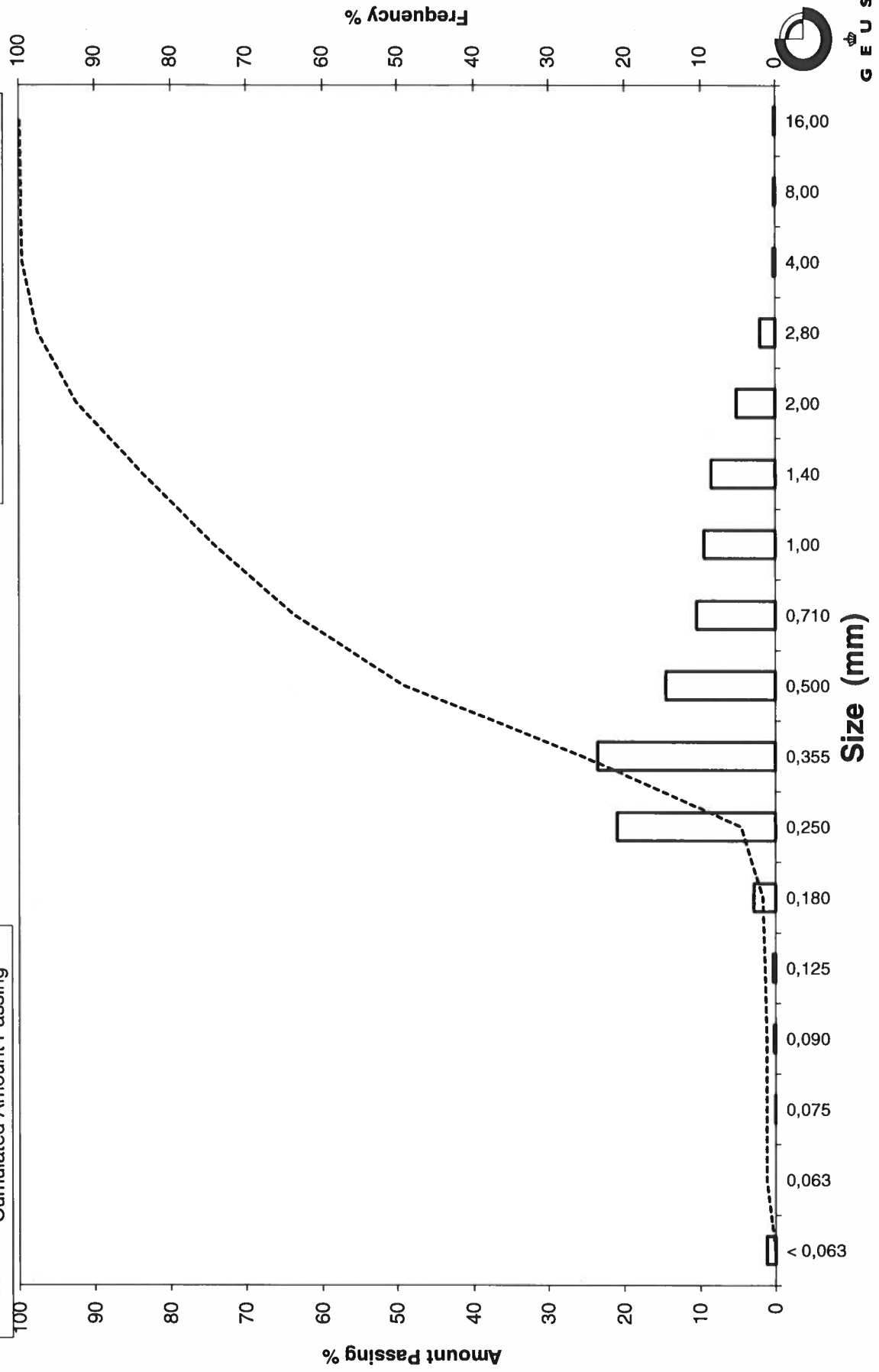
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B4 20-65

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B4 100-200
Lab. Id: 220489
Projekt: Energistyrelsen
Subject: B4
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 95,77 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Sieve Analysis	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,00	0,00	100,00
	1,40	-0,49	0,08	0,08	99,92
	1,00	0,00	0,25	0,26	99,66
	0,710	0,49	0,40	0,42	99,24
	0,500	1,00	1,49	1,56	97,68
	0,355	1,49	2,43	2,54	95,14
	0,250	2,00	5,66	5,91	89,23
	0,180	2,47	16,96	17,71	71,53
	0,125	3,00	46,59	48,65	22,88
	0,090	3,47	17,67	18,45	4,43
	0,075	3,74	0,98	1,02	3,40
	0,063	3,99	0,51	0,53	2,87
	< 0,063	> 3,99	2,75	2,87	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	2,87
Sand, fine (0,063 mm - 0,200 mm):	73,71
Sand, medium (0,2 mm - 0,6 mm):	21,84
Sand, coarse (0,6 mm - 2 mm):	1,58
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,35	1,50
16%	84%	0,23	2,12
25%	75%	0,19	2,37
40%	60%	0,17	2,58
Median 50%	50%	0,16	2,68
75%	25%	0,13	2,97
84%	16%	0,11	3,16
90%	10%	0,10	3,31
95%	5%	0,09	3,46

Moments Statistics

Mean	2,66
Sorting	0,55
Skewness	-0,14
Kurtosis	1,32
Uniformity Coefficient	1,66

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

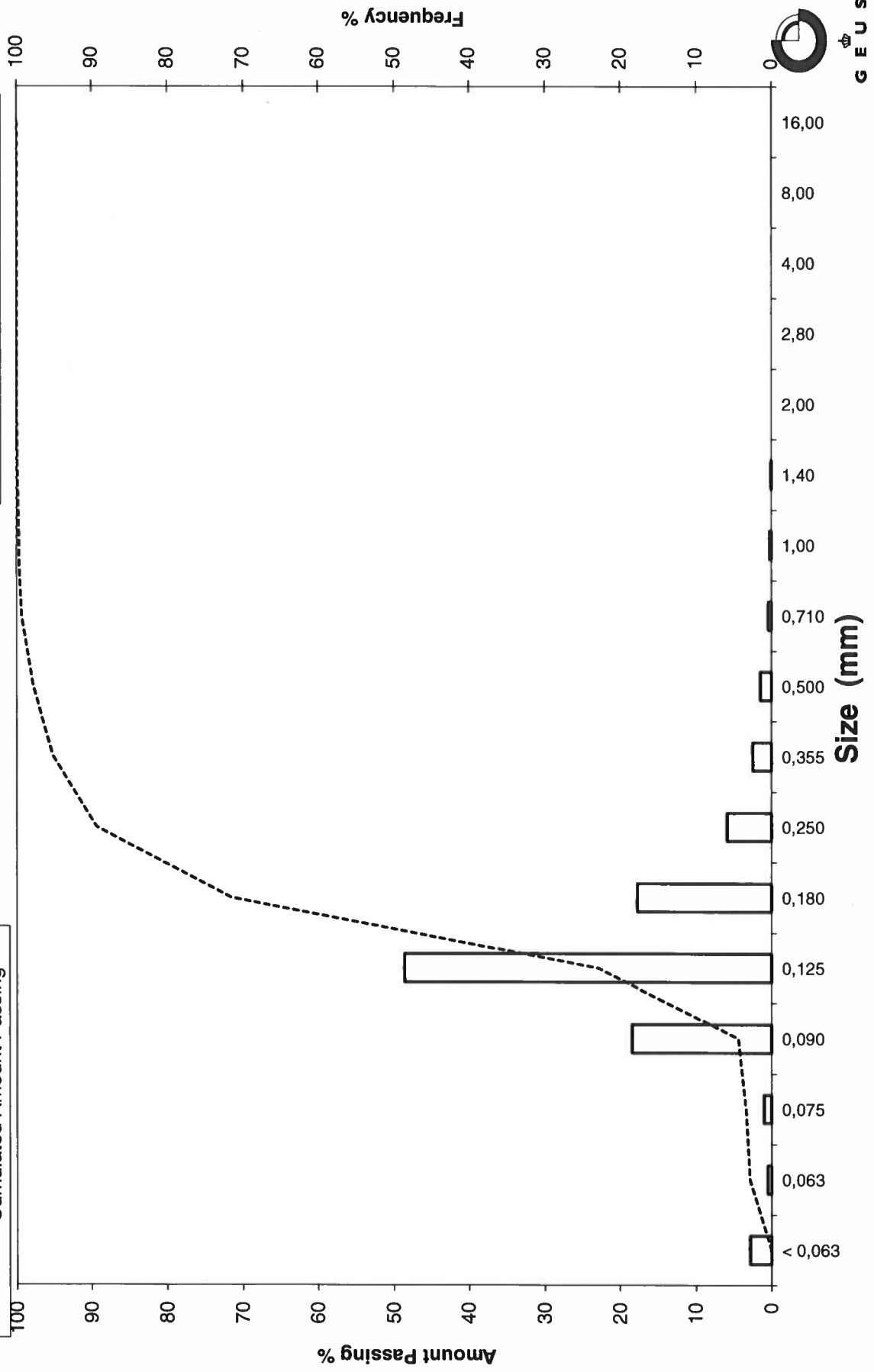
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B4 100-200

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B4 222-256
Lab. Id: 220460
Projekt: Energistyrrelsen
Subject: B4
Date: 13-06-2022
Executed: PS/CRL
Remarks: >16mm heraf 1,4g skaller



Total Weight 1371,86 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	74,20	5,41	94,59
8,00	-3,00	202,46	14,76	79,83
4,00	-2,00	306,77	22,36	57,47
2,80	-1,49	117,70	8,58	48,89
2,00	-1,00	87,47	6,38	42,52
1,40	-0,49	109,44	7,98	34,54
1,00	0,00	139,97	10,20	24,34
0,710	0,49	111,99	8,16	16,17
0,500	1,00	62,22	4,54	11,64
0,355	1,49	20,80	1,52	10,12
0,250	2,00	16,72	1,22	8,90
0,180	2,47	38,40	2,80	6,10
0,125	3,00	56,57	4,12	1,98
0,090	3,47	15,20	1,11	0,87
0,075	3,74	1,45	0,11	0,77
0,063	3,99	0,84	0,06	0,70
< 0,063	> 3,99	9,66	0,70	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,70
Sand, fine (0,063 mm - 0,200 mm):	6,20
Sand, medium (0,2 mm - 0,6 mm):	6,89
Sand, coarse (0,6 mm - 2 mm):	28,72
Gravel (> 2 mm):	57,48
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	-----	-----
16%	84%	10,26	-3,36
25%	75%	7,14	-2,84
40%	60%	4,45	-2,15
Median 50%	50%	2,95	-1,56
75%	25%	1,03	-0,04
84%	16%	0,70	0,51
90%	10%	0,34	1,54
95%	5%	0,17	2,60

Moments Statistics

Mean	-1,47
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	12,92

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

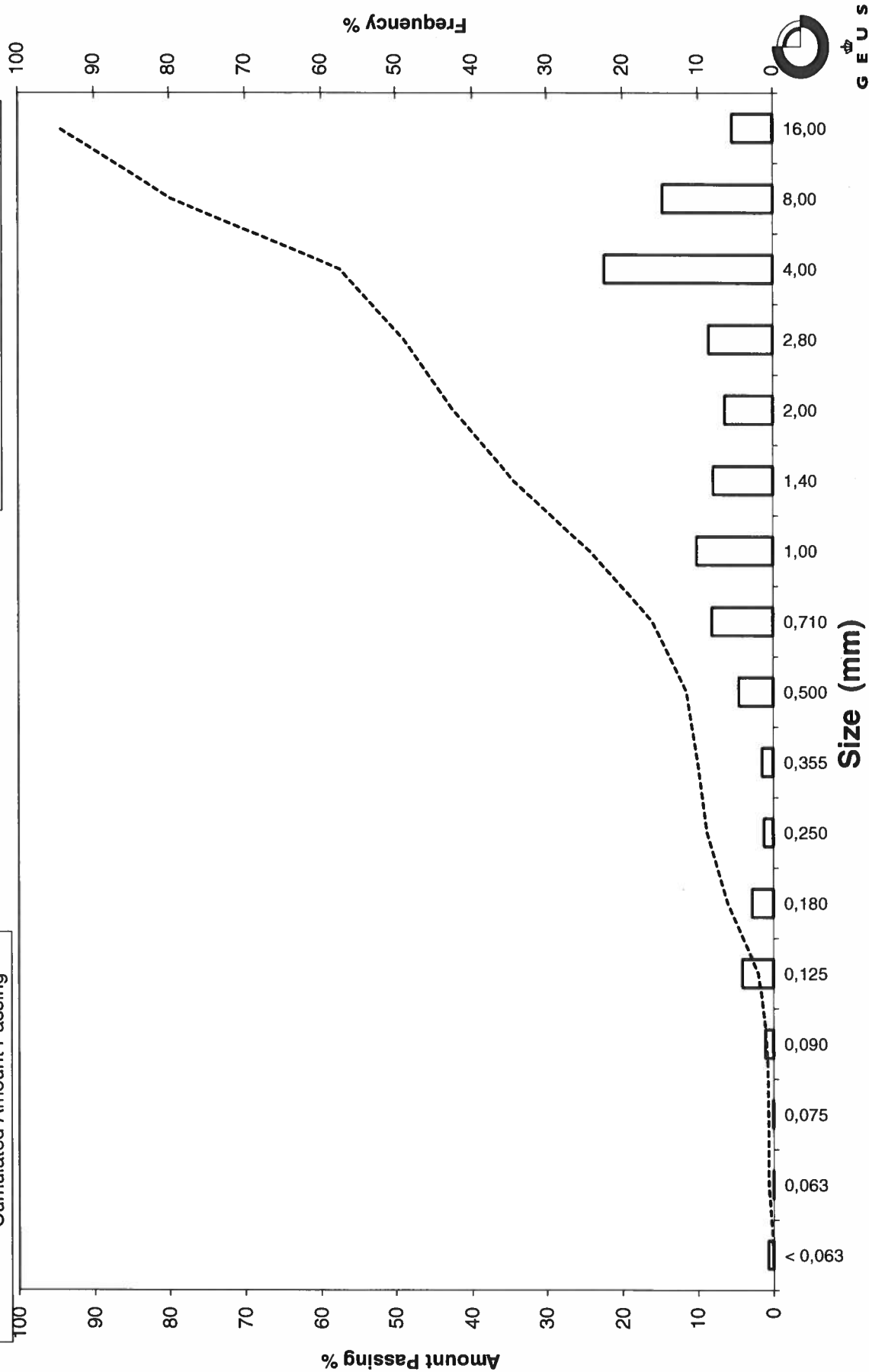
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B4 222-256

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B4 256-273
Lab. Id: 220490
Projekt: Energistyrelsen
Subject: B4
Date: 13-06-2022
Executed: PS/CRL
Remarks: >2,8mm heraf 3,7g skaller



Total Weight 115,63 g

Size Fractions

Sieve Analysis

Gravel

Sand

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,59	0,51	99,49
8,00	-3,00	3,07	2,66	96,83
4,00	-2,00	1,75	1,51	95,32
2,80	-1,49	1,89	1,63	93,69
2,00	-1,00	4,11	3,55	90,13
1,40	-0,49	5,32	4,60	85,53
1,00	0,00	8,93	7,72	77,81
0,710	0,49	12,77	11,04	66,76
0,500	1,00	10,75	9,30	57,47
0,355	1,49	3,88	3,36	54,11
0,250	2,00	8,68	7,51	46,61
0,180	2,47	35,09	30,35	16,26
0,125	3,00	15,80	13,66	2,59
0,090	3,47	1,24	1,07	1,52
0,075	3,74	0,11	0,10	1,43
0,063	3,99	0,09	0,08	1,35
< 0,063	> 3,99	1,56	1,35	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,35
Sand, fine (0,063 mm - 0,200 mm):	23,58
Sand, medium (0,2 mm - 0,6 mm):	36,97
Sand, coarse (0,6 mm - 2 mm):	28,24
Gravel (> 2 mm):	9,87
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	3,76	-1,91
16%	84%	1,32	-0,40
25%	75%	0,93	0,11
40%	60%	0,56	0,84
Median 50%	50%	0,30	1,75
75%	25%	0,20	2,32
84%	16%	0,18	2,48
90%	10%	0,15	2,69
95%	5%	0,13	2,89

Moments Statistics

Mean	1,28
Sorting	1,45
Skewness	-0,51
Kurtosis	0,89
Uniformity Coefficient	3,60

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

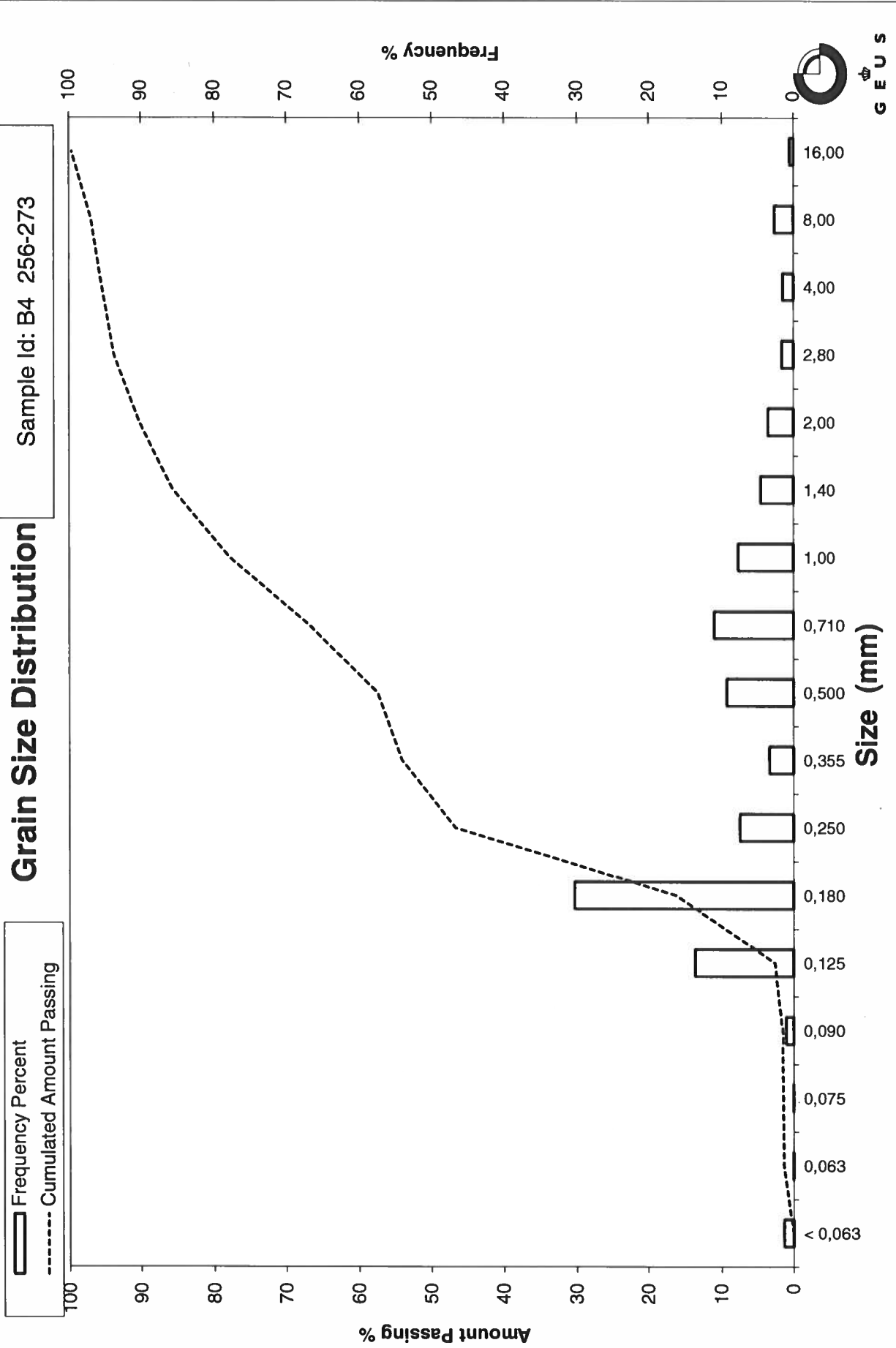
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B4 256-273

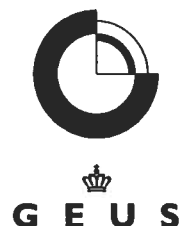
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B4 280-350
Lab. Id: 220491
Projekt: Energistyrelsen
Subject: B4
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 95,21 g

Size Fractions

Sieve Analysis					
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,51	0,54	99,46
	2,80	-1,49	0,28	0,29	99,17
	2,00	-1,00	0,26	0,27	98,90
	1,40	-0,49	0,30	0,32	98,58
Sand	1,00	0,00	0,37	0,39	98,19
	0,710	0,49	0,58	0,61	97,58
	0,500	1,00	0,50	0,53	97,06
	0,355	1,49	0,49	0,51	96,54
	0,250	2,00	1,04	1,09	95,45
	0,180	2,47	14,62	15,36	80,10
	0,125	3,00	55,65	58,45	21,65
	0,090	3,47	17,40	18,28	3,37
	0,075	3,74	1,52	1,60	1,78
	0,063	3,99	0,54	0,57	1,21
	< 0.063	> 3.99	1.15	1.21	0.00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,21
Sand, fine (0,063 mm - 0,200 mm):	83,28
Sand, medium (0,2 mm - 0,6 mm):	12,83
Sand, coarse (0,6 mm - 2 mm):	1,59
Gravel (> 2 mm):	1,10
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,25	2,01
16%	84%	0,20	2,34
25%	75%	0,18	2,51
40%	60%	0,16	2,63
Median 50%	50%	0,15	2,72
75%	25%	0,13	2,96
84%	16%	0,11	3,13
90%	10%	0,10	3,28
95%	5%	0,09	3,42

Moments Statistics

Mean	2,73
Sorting	0,41
Skewness	0,02
Kurtosis	1,28
Uniformity Coefficient	1,57

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

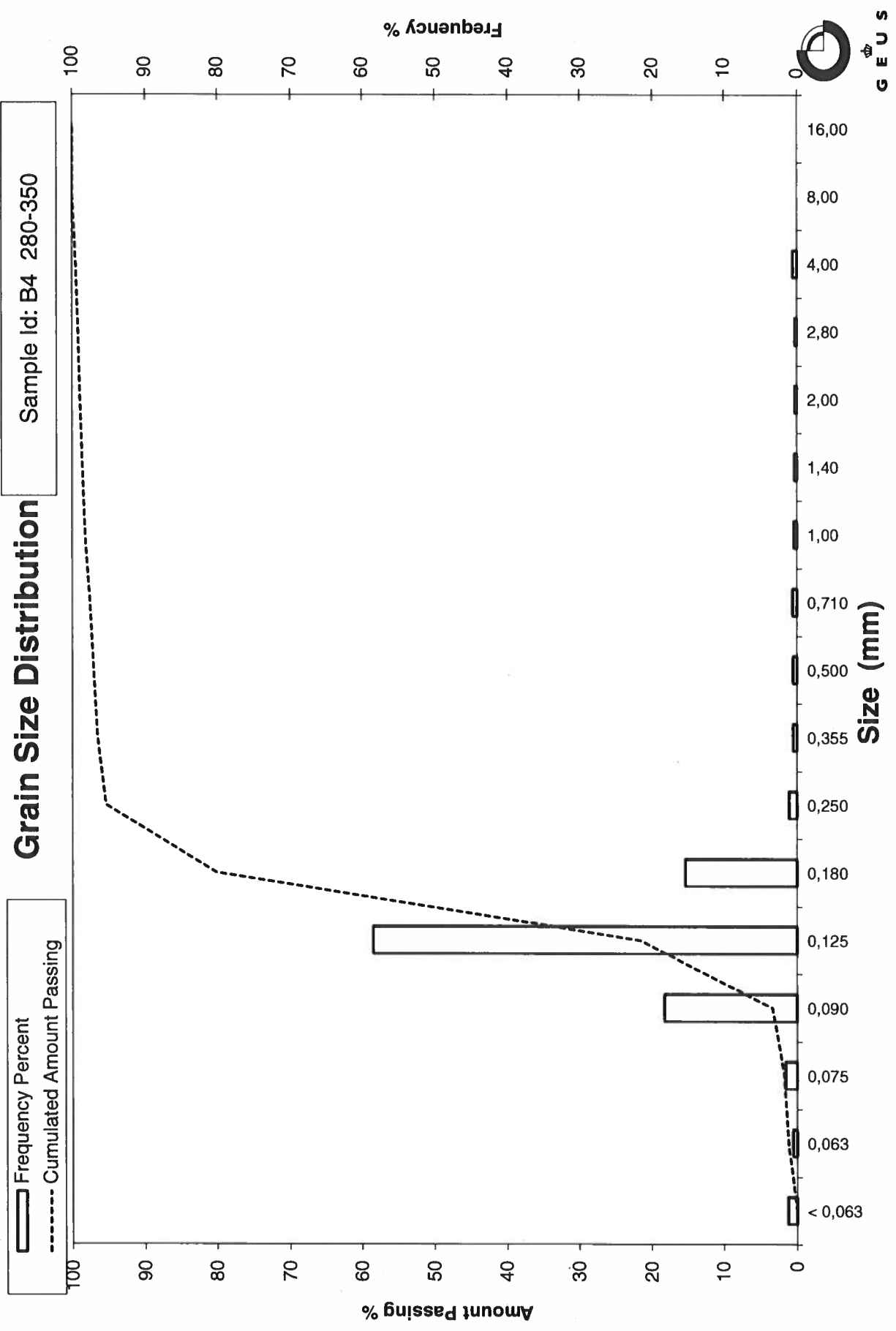
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: B5 0-50
Lab. Id: 220437
Projekt: Energistyrelsen
Subject: B5
Date: 13-06-2022
Executed: PS/CRL
Remarks: >4mm består af skaller



Total Weight 101,59 g

Size Fractions

Sieve Analysis					
	Gravel		Sand		
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,07	0,07	99,93
	2,80	-1,49	0,06	0,06	99,87
	2,00	-1,00	0,33	0,32	99,55
	1,40	-0,49	2,38	2,34	97,20
	1,00	0,00	5,95	5,86	91,35
	0,710	0,49	8,80	8,66	82,69
	0,500	1,00	18,53	18,24	64,45
	0,355	1,49	28,55	28,10	36,34
	0,250	2,00	26,61	26,19	10,15
	0,180	2,47	8,35	8,22	1,93
	0,125	3,00	0,98	0,96	0,96
	0,090	3,47	0,05	0,05	0,92
	0,075	3,74	0,00	0,00	0,92
	0,063	3,99	0,00	0,00	0,92
	< 0,063	> 3,99	0,93	0,92	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,92
Sand, fine (0,063 mm - 0,200 mm):	3,36
Sand, medium (0,2 mm - 0,6 mm):	68,85
Sand, coarse (0,6 mm - 2 mm):	26,42
Gravel (> 2 mm):	0,45
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,25	-0,32
16%	84%	0,75	0,41
25%	75%	0,62	0,69
40%	60%	0,48	1,07
Median 50%	50%	0,43	1,23
75%	25%	0,31	1,69
84%	16%	0,27	1,87
90%	10%	0,25	2,01
95%	5%	0,21	2,28

Moments Statistics

Mean	1,17
Sorting	0,76
Skewness	-0,16
Kurtosis	1,06
Uniformity Coefficient	1,92

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

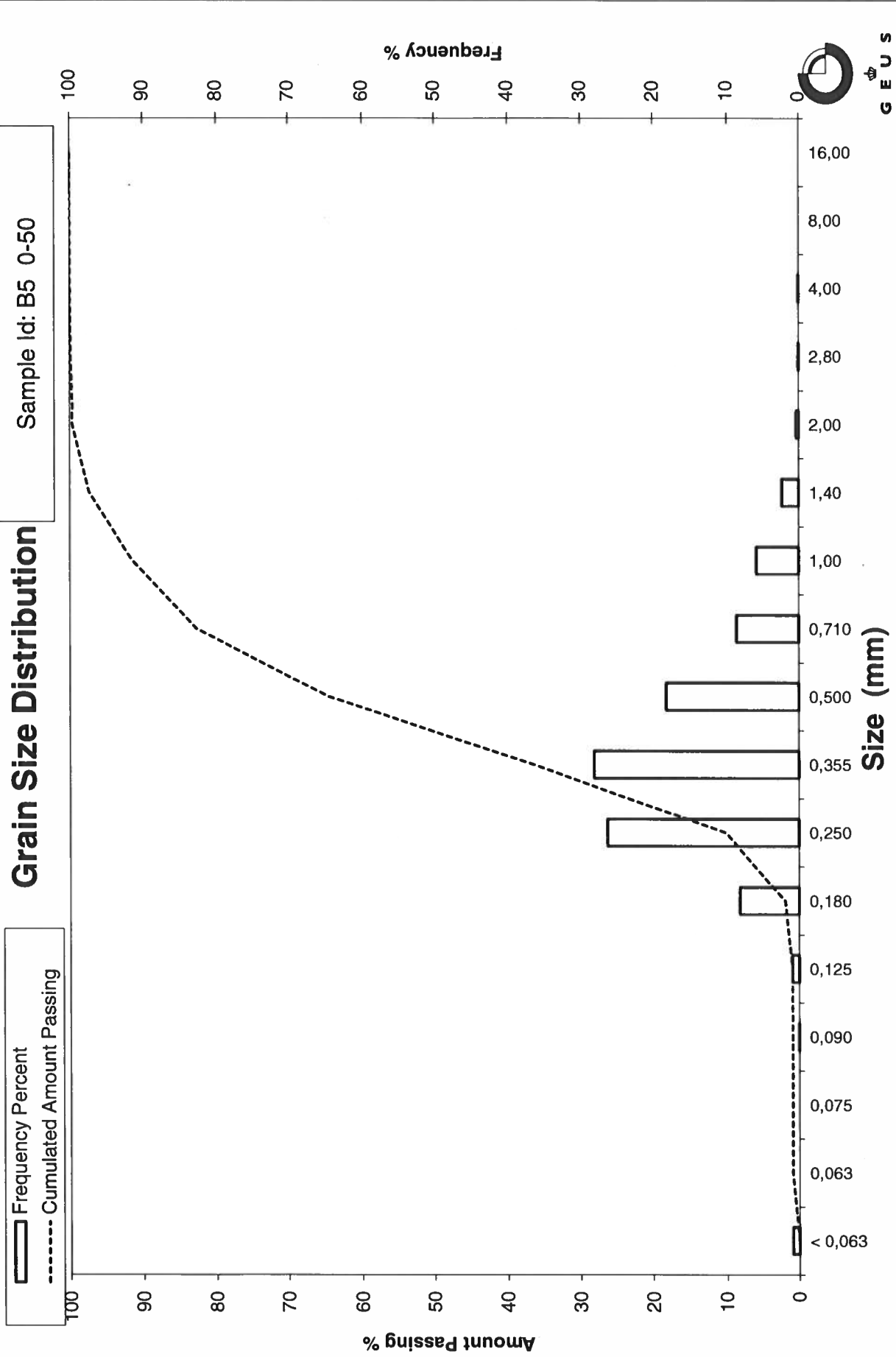
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B5 0-50

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B5 50-100
Lab. Id: 220438
Projekt: Energistyrelsen
Subject: B5
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 113,07 g

Size Fractions

Sieve Analysis					
	Gravel		Sand		
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,07	0,06	99,94
	2,00	-1,00	0,68	0,60	99,34
	1,40	-0,49	3,08	2,72	96,61
	1,00	0,00	6,69	5,92	90,70
	0,710	0,49	8,41	7,44	83,26
	0,500	1,00	20,27	17,93	65,33
	0,355	1,49	34,41	30,43	34,90
	0,250	2,00	28,63	25,32	9,58
	0,180	2,47	9,29	8,22	1,36
	0,125	3,00	0,60	0,53	0,83
	0,090	3,47	0,05	0,04	0,79
	0,075	3,74	0,00	0,00	0,79
	0,063	3,99	0,00	0,00	0,79
	< 0,063	> 3,99	0,89	0,79	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,79
Sand, fine (0,063 mm - 0,200 mm):	2,92
Sand, medium (0,2 mm - 0,6 mm):	70,16
Sand, coarse (0,6 mm - 2 mm):	25,47
Gravel (> 2 mm):	0,66
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,29	-0,37
16%	84%	0,74	0,44
25%	75%	0,61	0,71
40%	60%	0,47	1,08
Median 50%	50%	0,43	1,23
75%	25%	0,31	1,67
84%	16%	0,28	1,85
90%	10%	0,25	1,99
95%	5%	0,21	2,24

Moments Statistics

Mean	1,17
Sorting	0,75
Skewness	-0,17
Kurtosis	1,11
Uniformity Coefficient	1,89

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

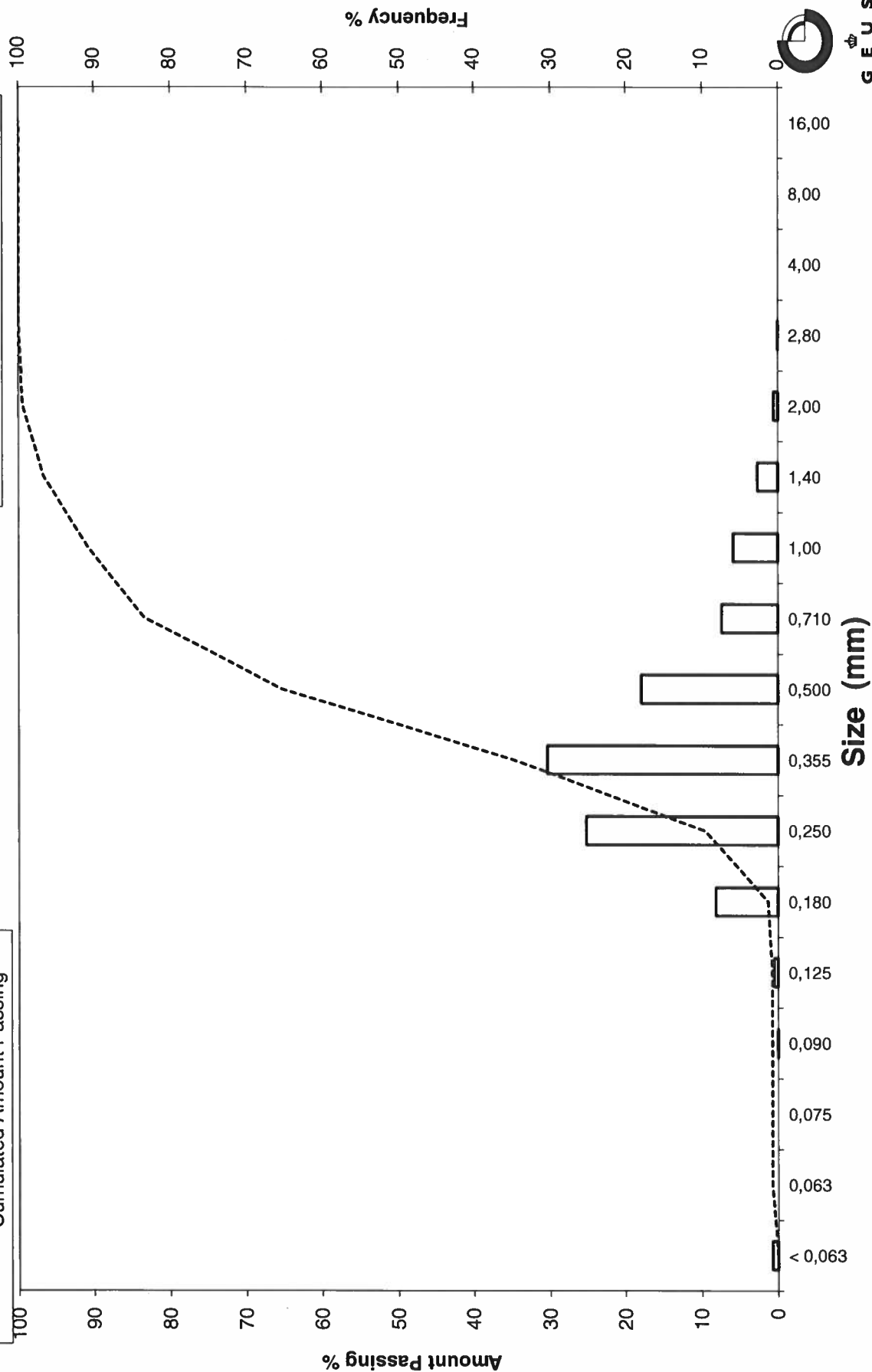
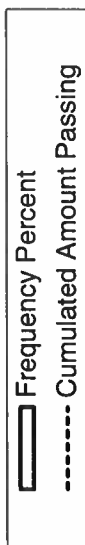
Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B5 50-100



Grain Size Distribution

Geotechnical

Sample Id: B5 100-150
Lab. Id: 220439
Projekt: Energistyrelsen
Subject: B5
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 97,81 g

Size Fractions

Sieve Analysis		Gravel				
		mm	mm	g	%	%
		16,00	-4,00	0,00	0,00	100,00
		8,00	-3,00	0,00	0,00	100,00
		4,00	-2,00	0,00	0,00	100,00
		2,80	-1,49	0,00	0,00	100,00
		2,00	-1,00	0,01	0,01	99,99
		1,40	-0,49	0,35	0,36	99,63
		1,00	0,00	1,42	1,45	98,18
		0,710	0,49	2,68	2,74	95,44
		0,500	1,00	11,32	11,57	83,87
		0,355	1,49	28,59	29,23	54,64
		0,250	2,00	39,93	40,82	13,81
		0,180	2,47	11,00	11,25	2,57
		0,125	3,00	1,69	1,73	0,84
		0,090	3,47	0,12	0,12	0,72
		0,075	3,74	0,00	0,00	0,72
		0,063	3,99	0,00	0,00	0,72
		< 0,063	> 3,99	0,70	0,72	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,72
Sand, fine (0,063 mm - 0,200 mm):	5,06
Sand, medium (0,2 mm - 0,6 mm):	83,60
Sand, coarse (0,6 mm - 2 mm):	10,61
Gravel (> 2 mm):	0,01
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,70	0,51
16%	84%	0,50	0,99
25%	75%	0,46	1,13
40%	60%	0,38	1,39
Median 50%	50%	0,34	1,54
75%	25%	0,28	1,84
84%	16%	0,26	1,97
90%	10%	0,23	2,14
95%	5%	0,20	2,36

Moments Statistics

Mean	1,50
Sorting	0,52
Skewness	-0,12
Kurtosis	1,07
Uniformity Coefficient	1,69

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

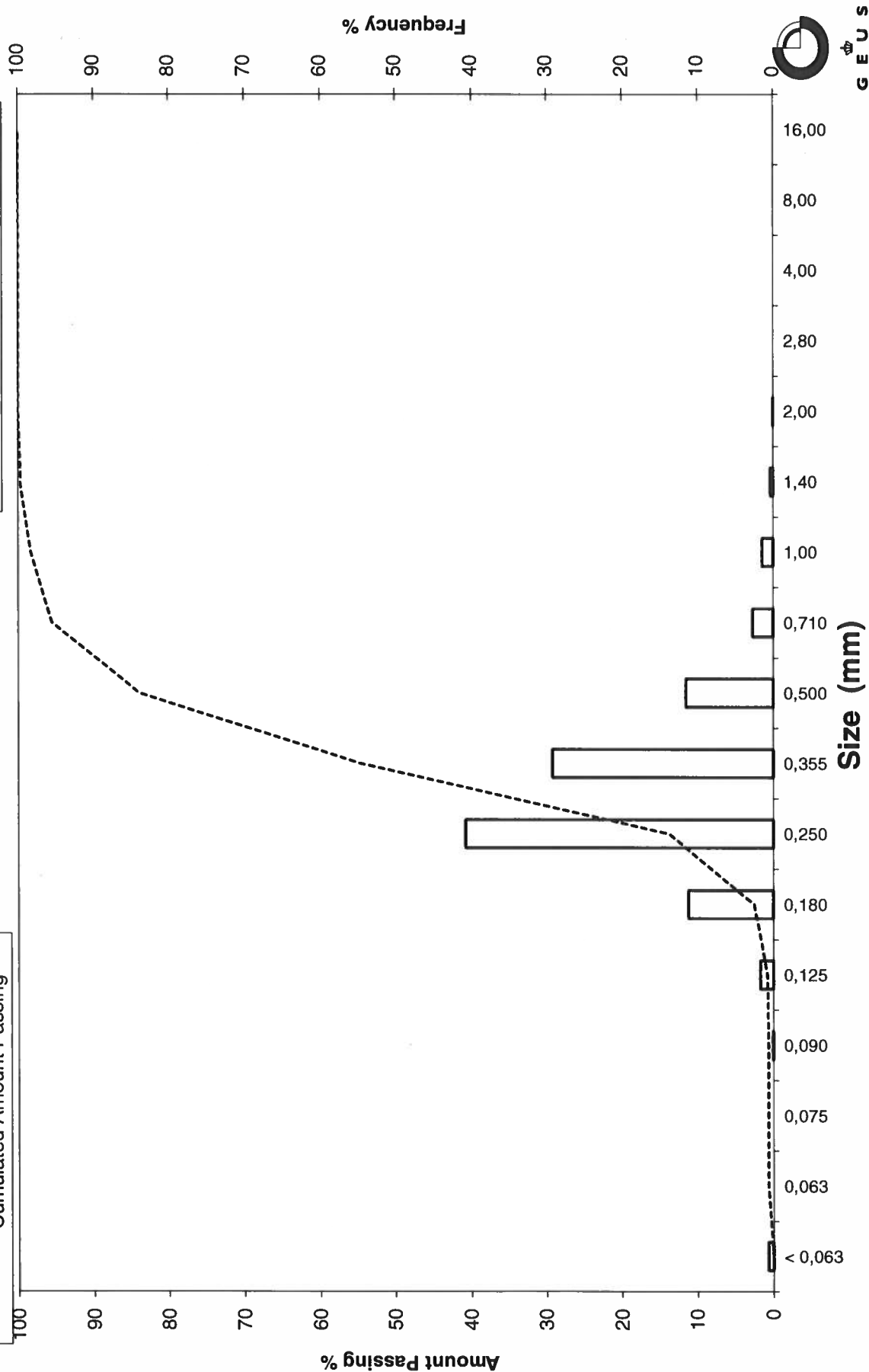
Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B5 100-150



Grain Size Distribution

Geotechnical

Sample Id: B5 150-200
Lab. Id: 220440
Projekt: Energistyrelsen
Subject: B5
Date: 13-06-2022
Executed: PS/CRL
Remarks: >8mm består af skaller



Total Weight 108,53 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,25	0,23	99,77
	4,00	-2,00	0,00	0,00	99,77
	2,80	-1,49	0,27	0,25	99,52
	2,00	-1,00	2,29	2,11	97,41
	1,40	-0,49	8,12	7,48	89,93
	1,00	0,00	12,14	11,19	78,74
	0,710	0,49	7,24	6,67	72,07
	0,500	1,00	12,58	11,59	60,48
	0,355	1,49	24,75	22,80	37,68
Sand	0,250	2,00	29,33	27,02	10,65
	0,180	2,47	8,75	8,06	2,59
	0,125	3,00	1,44	1,33	1,26
	0,090	3,47	0,08	0,07	1,19
	0,075	3,74	0,00	0,00	1,19
	0,063	3,99	0,00	0,00	1,19
	< 0,063	> 3,99	1,29	1,19	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,19
Sand, fine (0,063 mm - 0,200 mm):	3,70
Sand, medium (0,2 mm - 0,6 mm):	61,11
Sand, coarse (0,6 mm - 2 mm):	31,41
Gravel (> 2 mm):	2,59
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,81	-0,85
16%	84%	1,19	-0,25
25%	75%	0,84	0,26
40%	60%	0,50	1,01
Median 50%	50%	0,43	1,21
75%	25%	0,31	1,71
84%	16%	0,27	1,88
90%	10%	0,24	2,03
95%	5%	0,20	2,32

Moments Statistics

Mean	0,95
Sorting	1,01
Skewness	-0,33
Kurtosis	0,89
Uniformity Coefficient	2,03

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

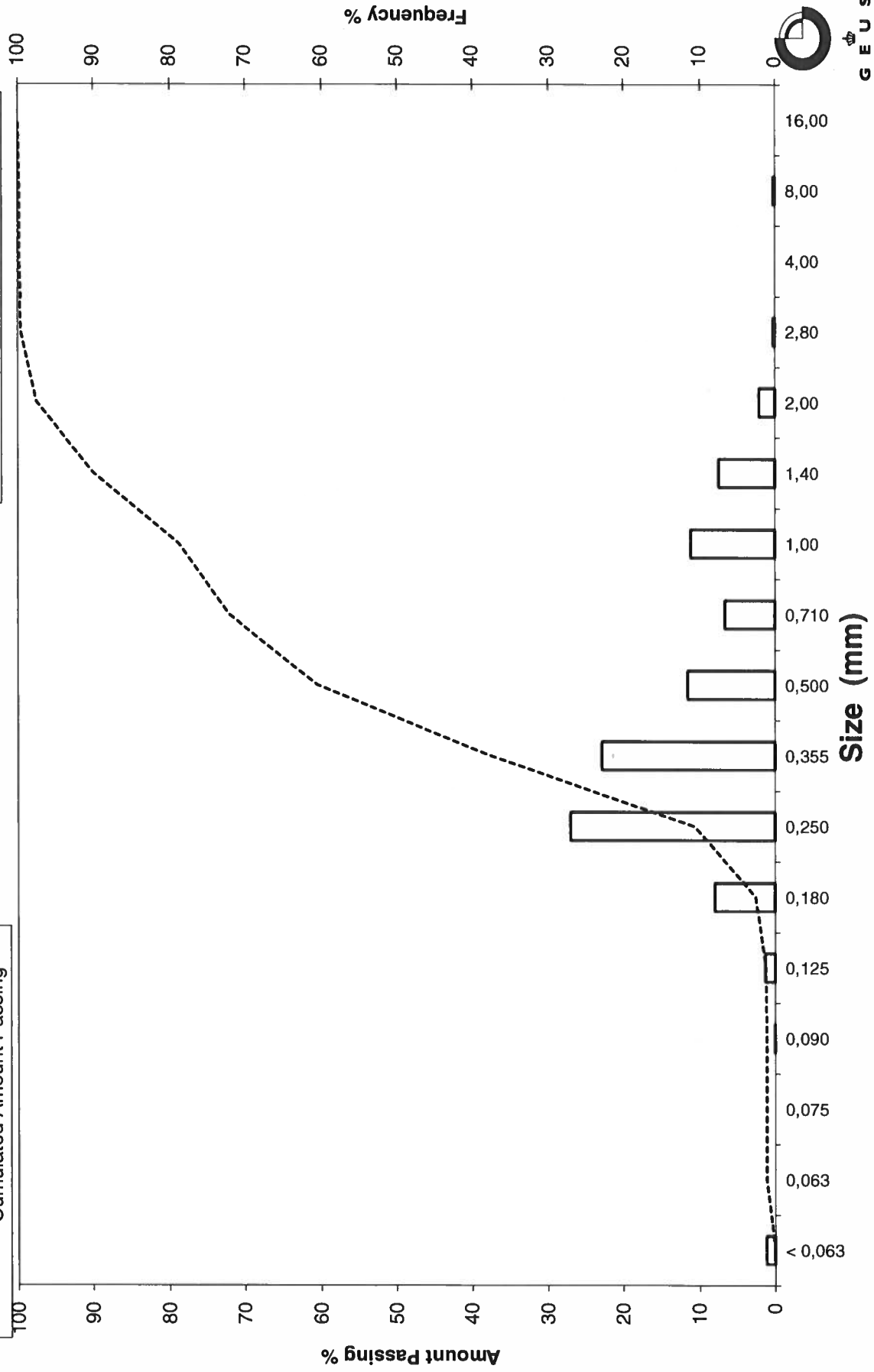
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B5 150-200

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B5 300-350
Lab. Id: 220441
Projekt: Energistyrelsen
Subject: B5
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 105,06 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,19	0,18	99,82
	1,40	-0,49	0,83	0,79	99,03
	1,00	0,00	3,71	3,53	95,50
	0,710	0,49	10,25	9,76	85,74
	0,500	1,00	24,52	23,34	62,40
	0,355	1,49	28,97	27,57	34,83
Sand	0,250	2,00	25,86	24,61	10,21
	0,180	2,47	7,81	7,43	2,78
	0,125	3,00	1,80	1,71	1,07
	0,090	3,47	0,15	0,14	0,92
	0,075	3,74	0,00	0,00	0,92
	0,063	3,99	0,00	0,00	0,92
	< 0,063	> 3,99	0,97	0,92	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,92
Sand, fine (0,063 mm - 0,200 mm):	3,98
Sand, medium (0,2 mm - 0,6 mm):	68,61
Sand, coarse (0,6 mm - 2 mm):	26,30
Gravel (> 2 mm):	0,18
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,99	0,02
16%	84%	0,69	0,53
25%	75%	0,61	0,71
40%	60%	0,49	1,04
Median 50%	50%	0,43	1,20
75%	25%	0,31	1,68
84%	16%	0,27	1,86
90%	10%	0,25	2,01
95%	5%	0,20	2,32

Moments Statistics

Mean	1,20
Sorting	0,68
Skewness	-0,02
Kurtosis	0,97
Uniformity Coefficient	1,97

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

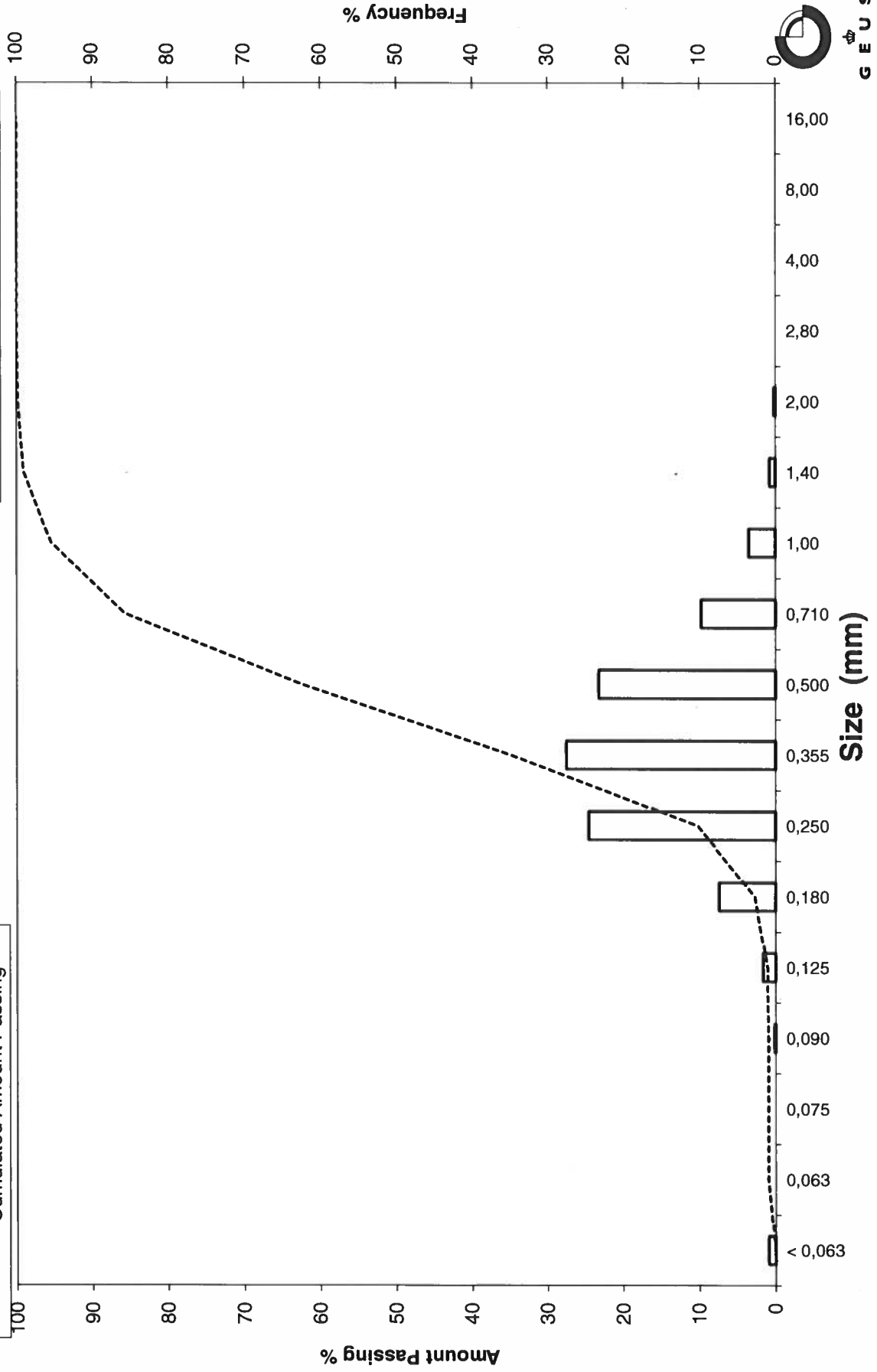
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B5 300-350

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B5 400-450
Lab. Id: 220442
Projekt: Energistyrelsen
Subject: B5
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 114,52 g

Size Fractions

Sieve Analysis					
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,12	0,10	99,90
	2,80	-1,49	0,35	0,31	99,59
	2,00	-1,00	0,73	0,64	98,95
	1,40	-0,49	1,98	1,73	97,22
Sand	1,00	0,00	8,50	7,42	89,80
	0,710	0,49	13,73	11,99	77,81
	0,500	1,00	22,71	19,83	57,98
	0,355	1,49	30,49	26,62	31,36
	0,250	2,00	26,22	22,90	8,46
	0,180	2,47	7,55	6,59	1,87
	0,125	3,00	1,40	1,22	0,65
	0,090	3,47	0,06	0,05	0,59
	0,075	3,74	0,00	0,00	0,59
	0,063	3,99	0,00	0,00	0,59
	< 0,063	> 3,99	0,68	0,59	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,59
Sand, fine (0,063 mm - 0,200 mm):	3,16
Sand, medium (0,2 mm - 0,6 mm):	63,67
Sand, coarse (0,6 mm - 2 mm):	31,53
Gravel (> 2 mm):	1,05
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,28	-0,36
16%	84%	0,86	0,22
25%	75%	0,68	0,56
40%	60%	0,52	0,94
Median 50%	50%	0,46	1,13
75%	25%	0,33	1,62
84%	16%	0,28	1,81
90%	10%	0,26	1,96
95%	5%	0,21	2,23

Moments Statistics

Mean	1,05
Sorting	0,79
Skewness	-0,15
Kurtosis	1,00
Uniformity Coefficient	2,03

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

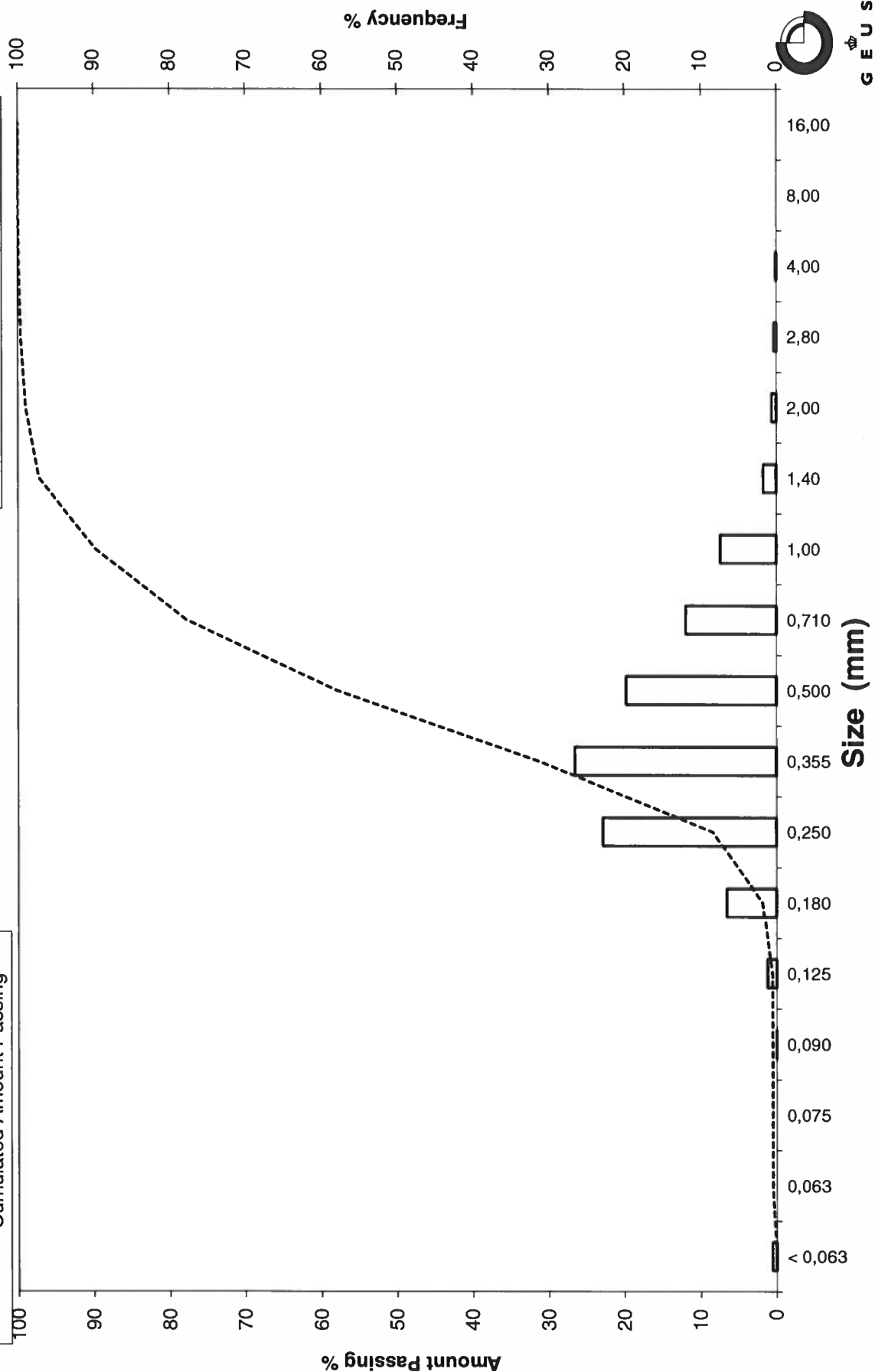
Size Classes and Percentiles are found by linear interpolation

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Grain Size Distribution

Sample Id: B5 400-450

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B11 0-50
Lab. Id: 220512
Projekt: Energistyrelsen
Subject: B11
Date: 02-09-2022
Executed: PS/CRL
Remarks: > 2mm består af skaller



Total Weight 102,06 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,03	0,03	99,97
2,80	-1,49	0,03	0,03	99,94
2,00	-1,00	0,04	0,04	99,90
1,40	-0,49	0,05	0,05	99,85
1,00	0,00	0,59	0,58	99,27
0,710	0,49	2,64	2,59	96,69
0,500	1,00	8,59	8,42	88,27
0,355	1,49	20,48	20,07	68,20
0,250	2,00	21,31	20,88	47,33
0,180	2,47	35,10	34,39	12,93
0,125	3,00	10,06	9,86	3,08
0,090	3,47	1,10	1,08	2,00
0,075	3,74	0,15	0,15	1,85
0,063	3,99	0,29	0,28	1,57
< 0,063	> 3,99	1,60	1,57	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,57
Sand, fine (0,063 mm - 0,200 mm):	21,19
Sand, medium (0,2 mm - 0,6 mm):	69,52
Sand, coarse (0,6 mm - 2 mm):	7,62
Gravel (> 2 mm):	0,10
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,67	0,58
16%	84%	0,47	1,09
25%	75%	0,40	1,31
40%	60%	0,31	1,67
Median 50%	50%	0,26	1,92
75%	25%	0,20	2,29
84%	16%	0,19	2,42
90%	10%	0,16	2,61
95%	5%	0,14	2,88

Moments Statistics

Mean	1,81
Sorting	0,68
Skewness	-0,21
Kurtosis	0,96
Uniformity Coefficient	1,92

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

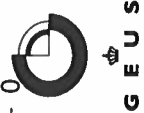
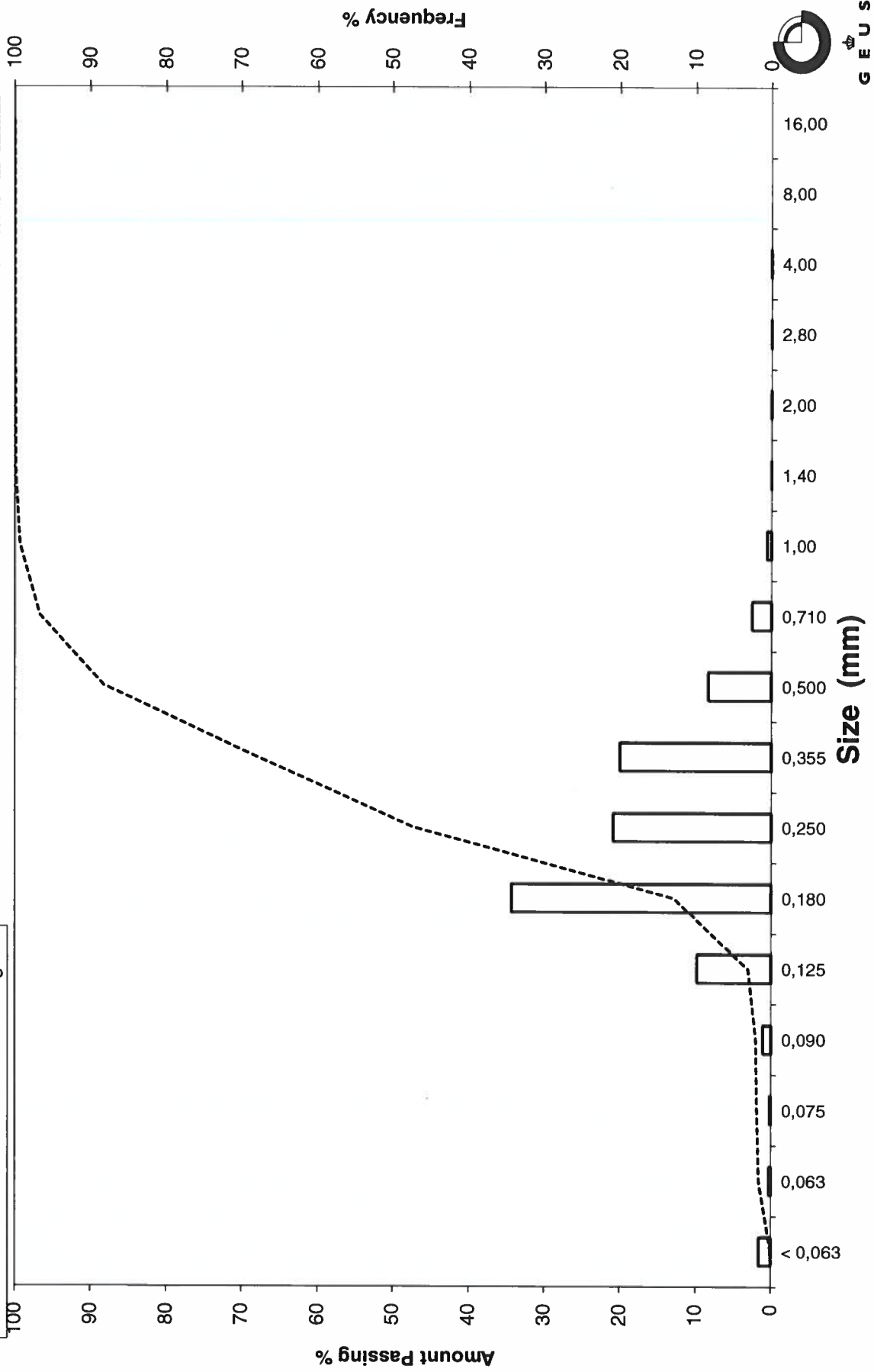
Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B11 0-50



Grain Size Distribution

Geotechnical

Sample Id: B11 175-205
Lab. Id: 220513
Projekt: Energistyrelsen
Subject: B11
Date: 02-09-2022
Executed: PS/CRL
Remarks: >4mm består af skaller



Total Weight 104,48 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,08	0,08	99,92
2,80	-1,49	0,00	0,00	99,92
2,00	-1,00	0,00	0,00	99,92
1,40	-0,49	0,00	0,00	99,92
1,00	0,00	0,00	0,00	99,92
0,710	0,49	0,09	0,09	99,84
0,500	1,00	1,54	1,47	98,36
0,355	1,49	7,20	6,89	91,47
0,250	2,00	17,60	16,85	74,63
0,180	2,47	41,27	39,50	35,13
0,125	3,00	28,09	26,89	8,24
0,090	3,47	2,57	2,46	5,78
0,075	3,74	0,40	0,38	5,40
0,063	3,99	0,68	0,65	4,75
< 0,063	> 3,99	4,96	4,75	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	4,75
Sand, fine (0,063 mm - 0,200 mm):	41,66
Sand, medium (0,2 mm - 0,6 mm):	52,65
Sand, coarse (0,6 mm - 2 mm):	0,86
Gravel (> 2 mm):	0,08
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,43	1,22
16%	84%	0,31	1,70
25%	75%	0,25	1,99
40%	60%	0,22	2,16
Median 50%	50%	0,21	2,28
75%	25%	0,16	2,65
84%	16%	0,14	2,83
90%	10%	0,13	2,96
95%	5%	0,07	3,89

Moments Statistics

Mean	2,27
Sorting	0,69
Skewness	0,09
Kurtosis	1,65
Uniformity Coefficient	1,74

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

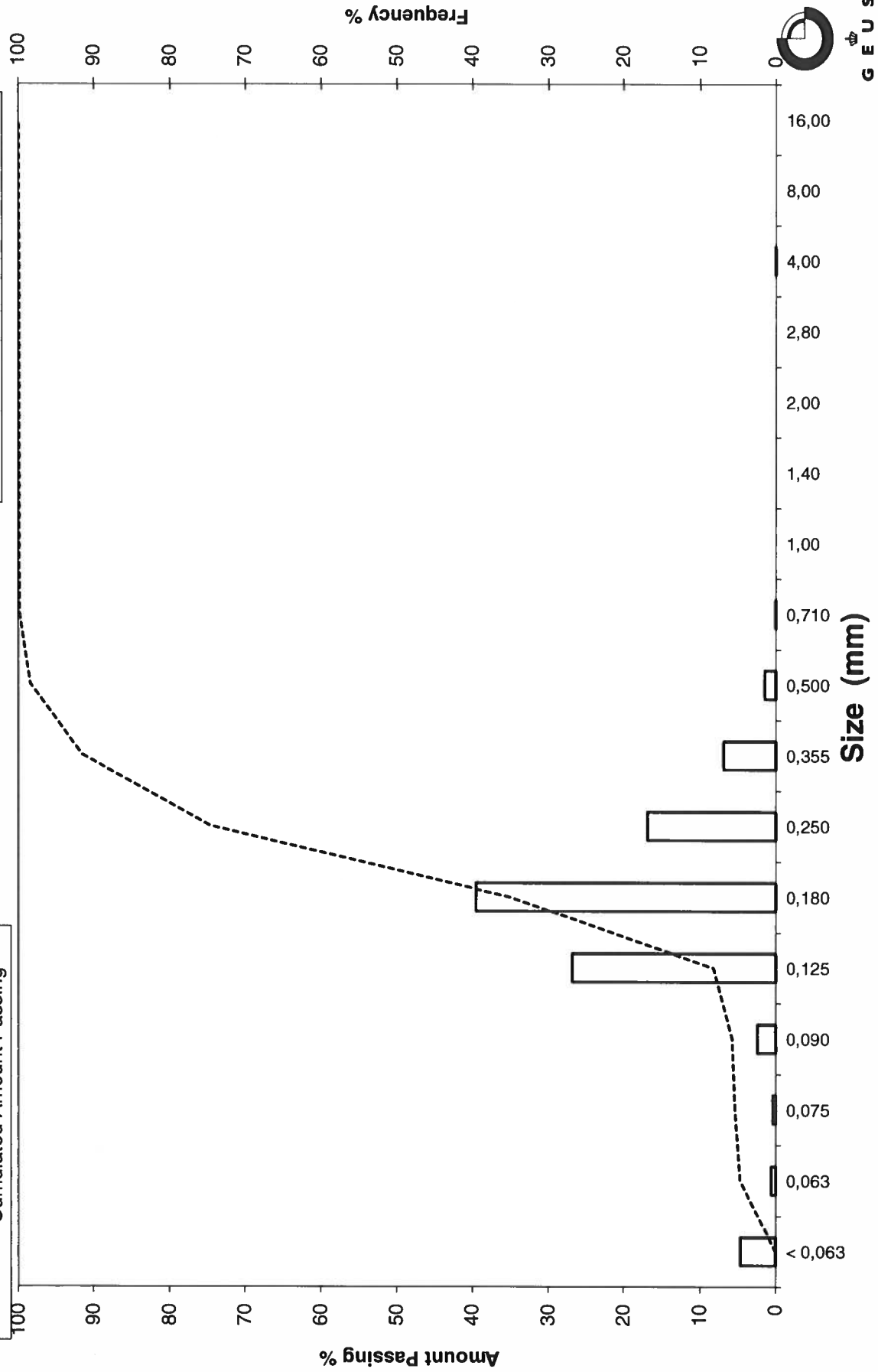
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Sample Id: B11 175-205

Grain Size Distribution

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B14 0-50
Lab. Id: 220514
Projekt: Energistyrelsen
Subject: B14
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 110,1 g

Size Fractions

Sieve Analysis					
	Gravel				
			Size	Weight	Cumulated amount passing
			mm	%	%
			16,00	0,00	100,00
			8,00	0,00	100,00
			4,00	0,00	100,00
			2,80	0,08	99,93
			2,00	0,01	99,92
			1,40	0,88	99,12
			1,00	3,59	95,86
			0,710	6,25	90,18
			0,500	13,45	77,97
			0,355	29,03	51,60
			0,250	41,96	13,49
			0,180	12,84	1,83
			0,125	0,75	1,14
			0,090	0,10	1,05
			0,075	0,00	1,05
			0,063	0,00	1,05
			< 0.063	1.16	0.00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,05
Sand, fine (0,063 mm - 0,200 mm):	4,10
Sand, medium (0,2 mm - 0,6 mm):	78,63
Sand, coarse (0,6 mm - 2 mm):	16,14
Gravel (> 2 mm):	0,08
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,96	0,06
16%	84%	0,60	0,73
25%	75%	0,48	1,05
40%	60%	0,40	1,32
Median 50%	50%	0,35	1,51
75%	25%	0,28	1,83
84%	16%	0,26	1,96
90%	10%	0,23	2,13
95%	5%	0,20	2,33

Moments Statistics

Mean	1,40
Sorting	0,65
Skewness	-0,28
Kurtosis	1,19
Uniformity Coefficient	1,75

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

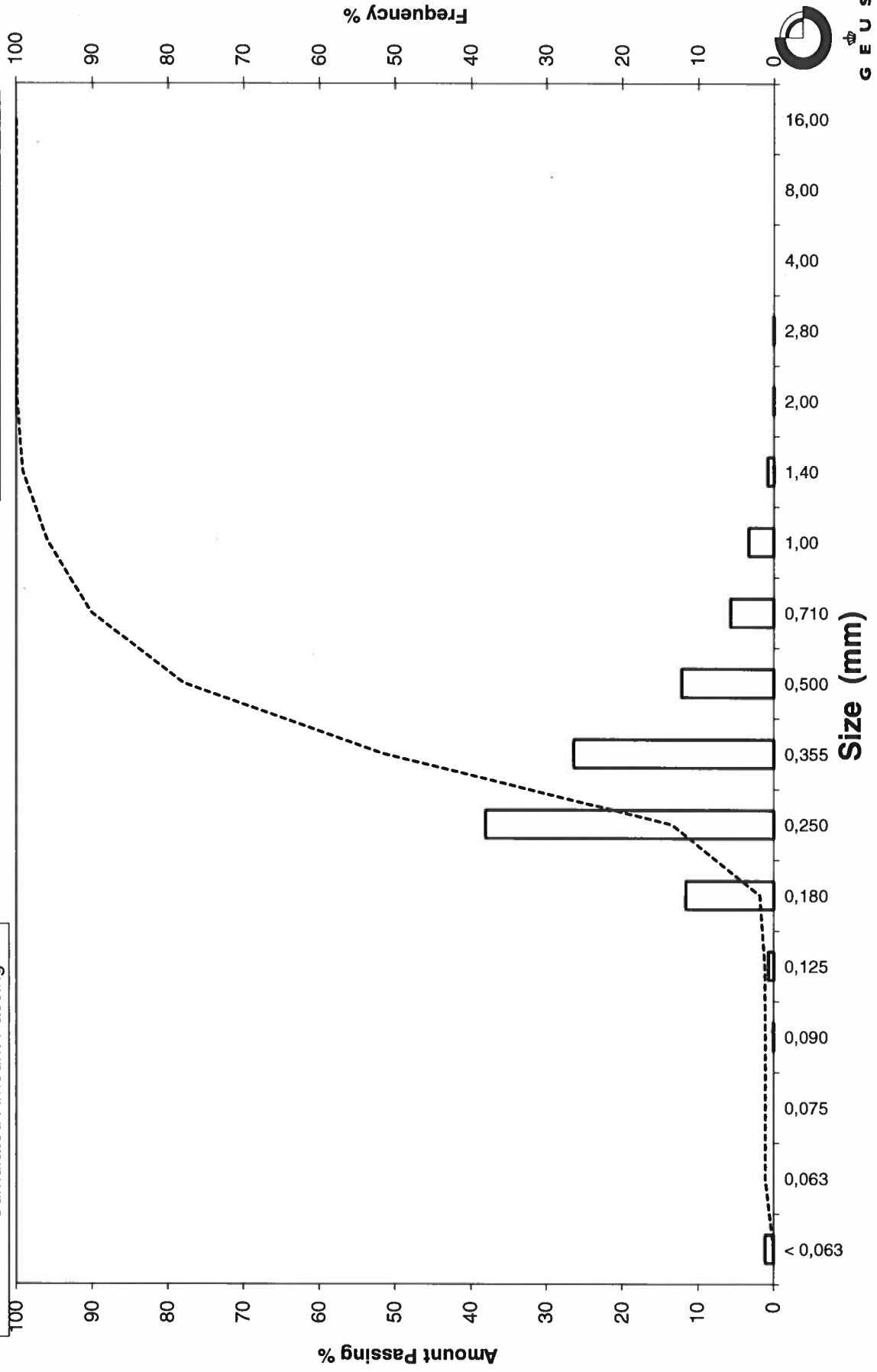
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B14 0-50

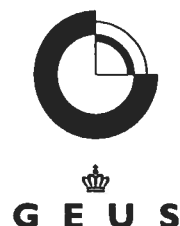
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B14 100-150
Lab. Id: 220515
Projekt: Energistyrelsen
Subject: B14
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 107,23 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,00	0,00	100,00
	1,40	-0,49	0,02	0,02	99,98
	1,00	0,00	0,73	0,68	99,30
	0,710	0,49	1,70	1,59	97,72
	0,500	1,00	9,81	9,15	88,57
	0,355	1,49	22,59	21,07	67,50
Sand	0,250	2,00	45,73	42,65	24,85
	0,180	2,47	22,13	20,64	4,22
	0,125	3,00	3,01	2,81	1,41
	0,090	3,47	0,23	0,21	1,19
	0,075	3,74	0,04	0,04	1,16
	0,063	3,99	0,08	0,07	1,08
	< 0,063	> 3,99	1,16	1,08	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,08
Sand, fine (0,063 mm - 0,200 mm):	9,03
Sand, medium (0,2 mm - 0,6 mm):	82,81
Sand, coarse (0,6 mm - 2 mm):	7,08
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,65	0,63
16%	84%	0,47	1,09
25%	75%	0,41	1,30
40%	60%	0,34	1,57
Median 50%	50%	0,31	1,68
75%	25%	0,25	2,00
84%	16%	0,22	2,18
90%	10%	0,20	2,32
95%	5%	0,18	2,45

Moments Statistics

Mean	1,65
Sorting	0,55
Skewness	-0,12
Kurtosis	1,07
Uniformity Coefficient	1,69

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

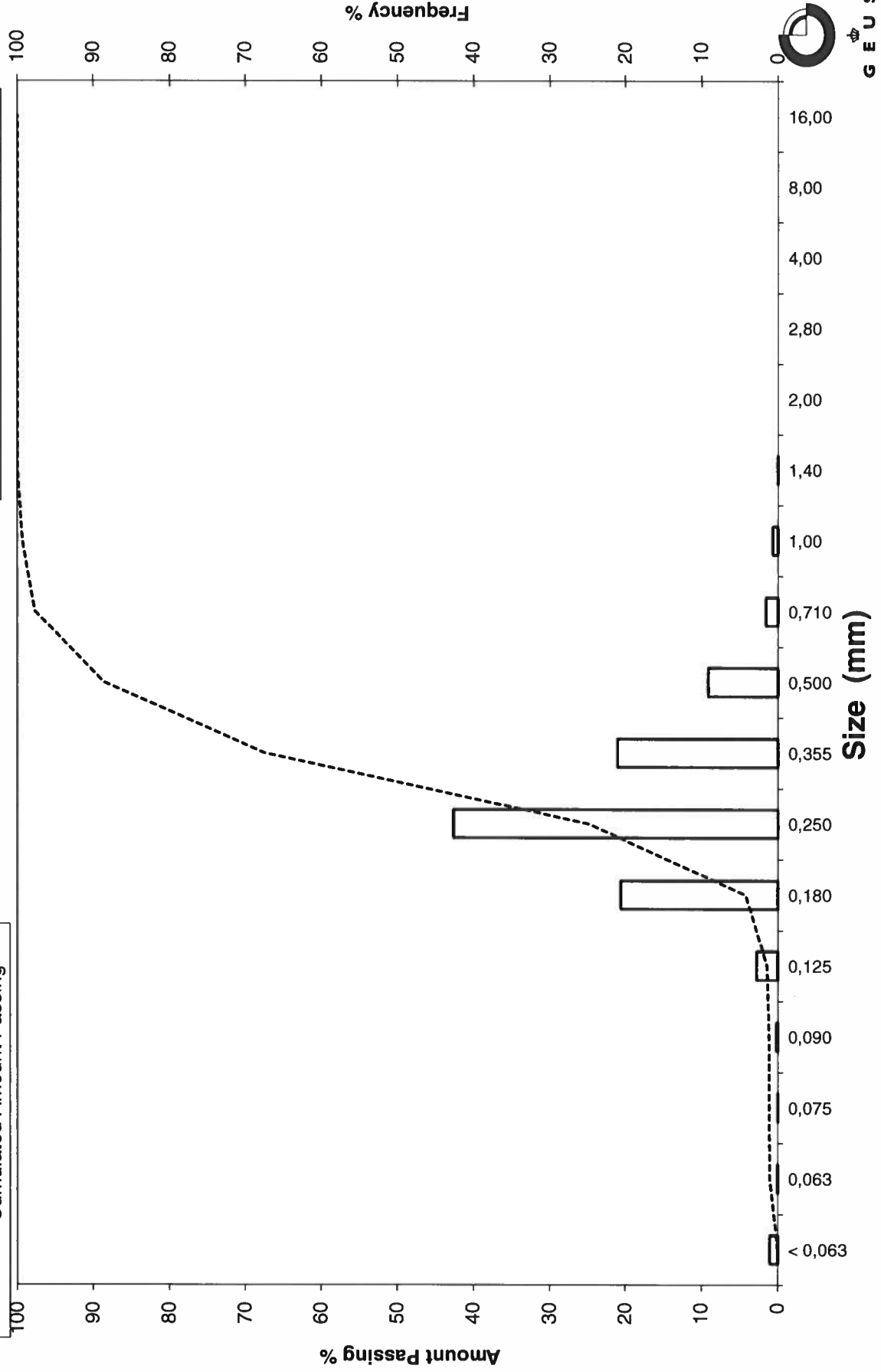
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B14 100-150

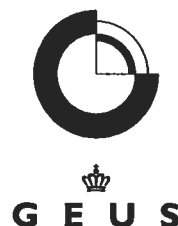
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B14 200-250
Lab. Id: 220516
Projekt: Energistyrelsen
Subject: B14
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 112,13 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,06	0,05	99,95
1,40	-0,49	0,37	0,33	99,62
1,00	0,00	2,46	2,19	97,42
0,710	0,49	5,20	4,64	92,79
0,500	1,00	17,66	15,75	77,04
0,355	1,49	35,67	31,81	45,22
0,250	2,00	36,96	32,96	12,26
0,180	2,47	11,73	10,46	1,80
0,125	3,00	0,90	0,80	1,00
0,090	3,47	0,08	0,07	0,93
0,075	3,74	0,00	0,00	0,93
0,063	3,99	0,00	0,00	0,93
< 0,063	> 3,99	1,04	0,93	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,93
Sand, fine (0,063 mm - 0,200 mm):	3,86
Sand, medium (0,2 mm - 0,6 mm):	79,75
Sand, coarse (0,6 mm - 2 mm):	15,41
Gravel (> 2 mm):	0,05
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,85	0,24
16%	84%	0,59	0,75
25%	75%	0,49	1,03
40%	60%	0,42	1,24
Median 50%	50%	0,38	1,41
75%	25%	0,29	1,78
84%	16%	0,26	1,93
90%	10%	0,23	2,09
95%	5%	0,20	2,31

Moments Statistics

Mean	1,37
Sorting	0,61
Skewness	-0,12
Kurtosis	1,12
Uniformity Coefficient	1,80

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

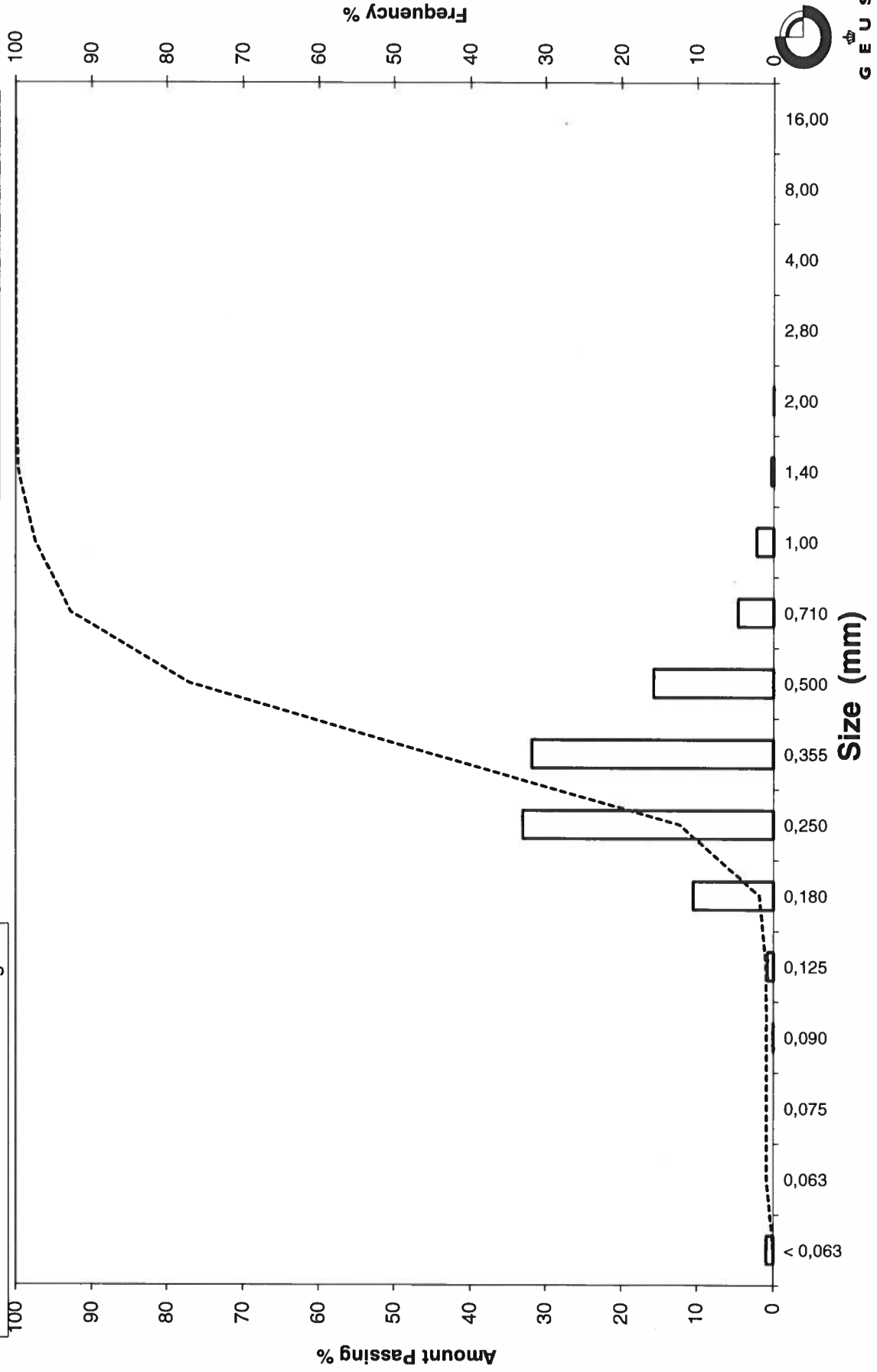
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B14 200-250

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B14 300-350
Lab. Id: 220517
Projekt: Energistyrrelsen
Subject: B14
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 113,16 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,07	0,06	99,94
	2,00	-1,00	0,20	0,18	99,76
	1,40	-0,49	1,12	0,99	98,77
	1,00	0,00	3,67	3,24	95,53
	0,710	0,49	5,20	4,60	90,93
	0,500	1,00	16,86	14,90	76,03
	0,355	1,49	25,83	22,83	53,21
Sand	0,250	2,00	36,36	32,13	21,08
	0,180	2,47	18,48	16,33	4,75
	0,125	3,00	3,78	3,34	1,41
	0,090	3,47	0,23	0,20	1,20
	0,075	3,74	0,02	0,02	1,18
	0,063	3,99	0,04	0,04	1,15
	< 0,063	> 3,99	1,30	1,15	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,15
Sand, fine (0,063 mm - 0,200 mm):	8,26
Sand, medium (0,2 mm - 0,6 mm):	73,72
Sand, coarse (0,6 mm - 2 mm):	16,63
Gravel (> 2 mm):	0,24
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,97	0,05
16%	84%	0,61	0,71
25%	75%	0,49	1,02
40%	60%	0,40	1,33
Median 50%	50%	0,34	1,54
75%	25%	0,26	1,93
84%	16%	0,23	2,13
90%	10%	0,20	2,30
95%	5%	0,18	2,47

Moments Statistics

Mean	1,46
Sorting	0,72
Skewness	-0,20
Kurtosis	1,09
Uniformity Coefficient	1,97

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

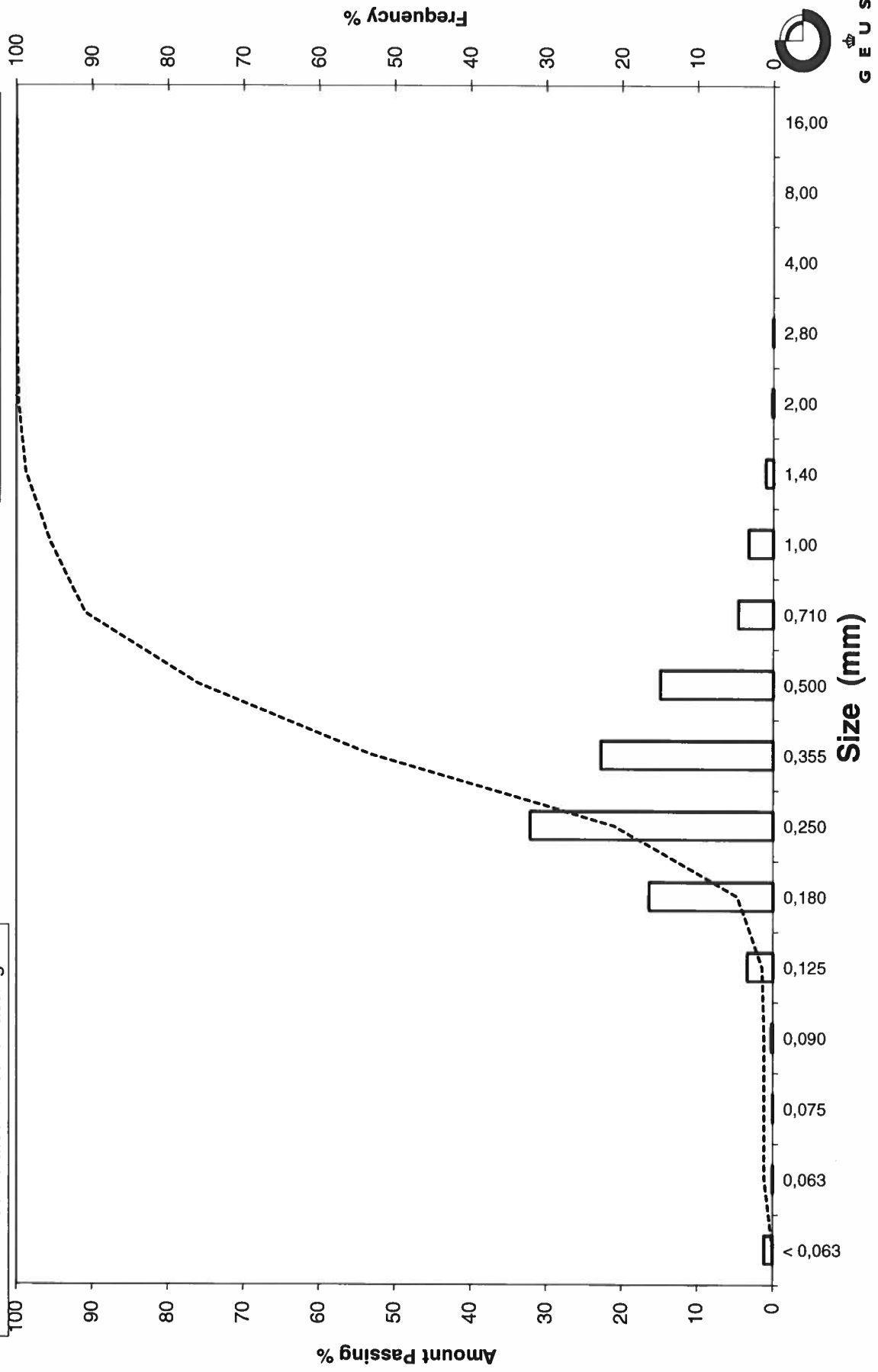
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B14 300-350

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B14 400-450
Lab. Id: 220518
Projekt Energistyrelsen
Subject: B14
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 108,28 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,03	0,03	99,97
1,40	-0,49	0,73	0,67	99,30
1,00	0,00	2,23	2,06	97,24
0,710	0,49	6,72	6,21	91,03
0,500	1,00	20,86	19,26	71,77
0,355	1,49	30,61	28,27	43,50
0,250	2,00	31,13	28,75	14,75
0,180	2,47	12,72	11,75	3,00
0,125	3,00	1,70	1,57	1,43
0,090	3,47	0,16	0,15	1,28
0,075	3,74	0,00	0,00	1,28
0,063	3,99	0,01	0,01	1,27
< 0,063	> 3,99	1,38	1,27	0,00

Gravel

Sand

Sieve Analysis

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,27
Sand, fine (0,063 mm - 0,200 mm):	5,08
Sand, medium (0,2 mm - 0,6 mm):	74,58
Sand, coarse (0,6 mm - 2 mm):	19,03
Gravel (> 2 mm):	0,03
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,90	0,16
16%	84%	0,63	0,66
25%	75%	0,54	0,90
40%	60%	0,44	1,19
Median 50%	50%	0,39	1,36
75%	25%	0,29	1,80
84%	16%	0,25	1,97
90%	10%	0,22	2,17
95%	5%	0,19	2,38

Moments Statistics

Mean	1,33
Sorting	0,67
Skewness	-0,08
Kurtosis	1,02
Uniformity Coefficient	1,98

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

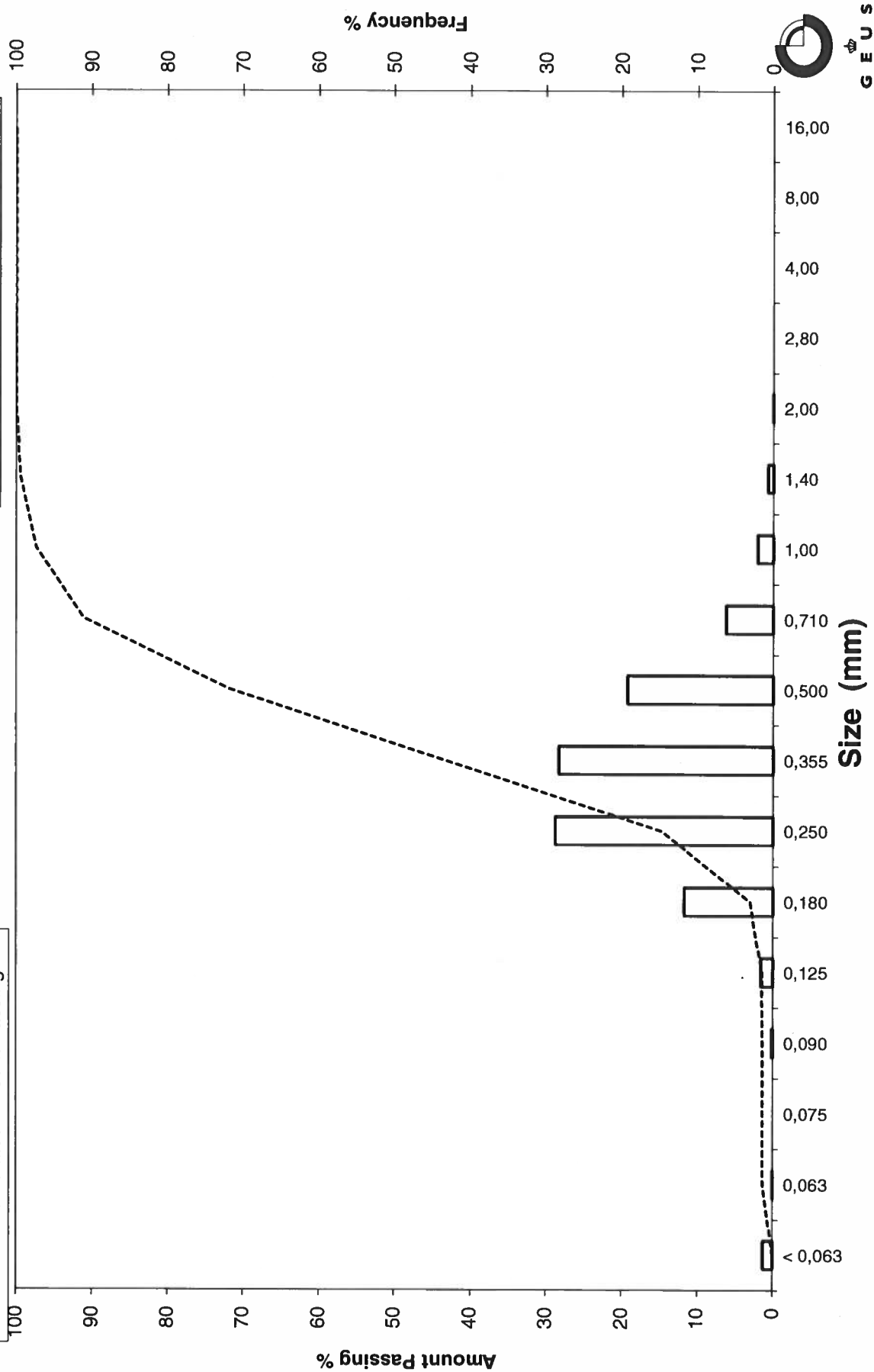
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B14 400-450

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B16 0-50
Lab. Id: 220519
Projekt: Energistyrrelsen
Subject: B16
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 108,8 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,01	0,01	99,99
1,00	0,00	0,48	0,44	99,55
0,710	0,49	2,86	2,63	96,92
0,500	1,00	10,25	9,42	87,50
0,355	1,49	18,60	17,10	70,40
0,250	2,00	38,32	35,22	35,18
0,180	2,47	30,76	28,27	6,91
0,125	3,00	5,59	5,14	1,77
0,090	3,47	0,35	0,32	1,45
0,075	3,74	0,02	0,02	1,43
0,063	3,99	0,02	0,02	1,42
< 0,063	> 3,99	1,54	1,42	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,42
Sand, fine (0,063 mm - 0,200 mm):	13,57
Sand, medium (0,2 mm - 0,6 mm):	77,00
Sand, coarse (0,6 mm - 2 mm):	8,01
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,67	0,58
16%	84%	0,47	1,09
25%	75%	0,39	1,34
40%	60%	0,32	1,63
Median 50%	50%	0,29	1,77
75%	25%	0,22	2,15
84%	16%	0,20	2,30
90%	10%	0,19	2,41
95%	5%	0,16	2,65

Moments Statistics

Mean	1,72
Sorting	0,62
Skewness	-0,13
Kurtosis	1,04
Uniformity Coefficient	1,73

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

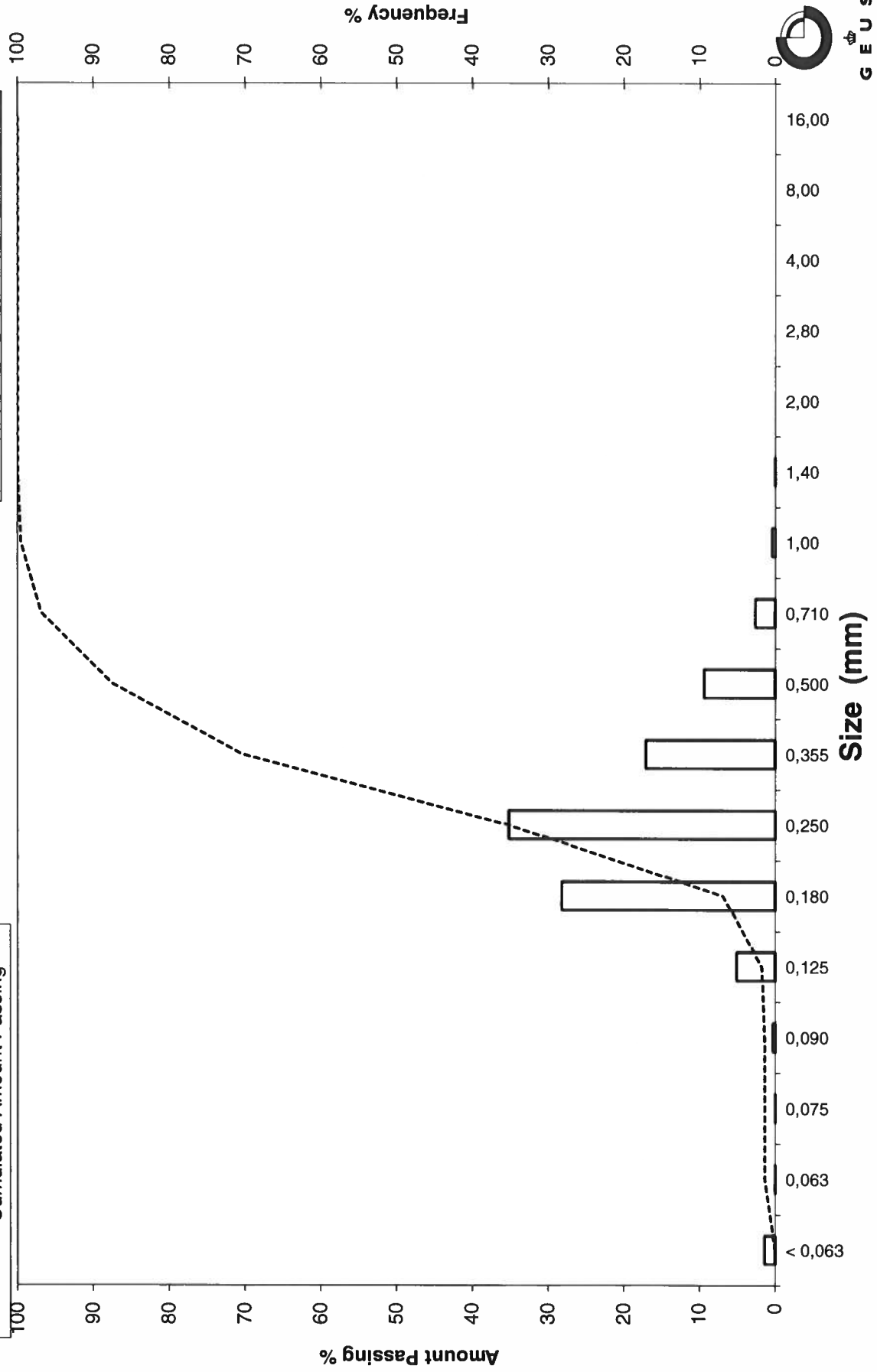
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B16 0-50

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B16 100-150
Lab. Id: 220520
Projekt: Energistyrelsen
Subject: B16
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 108,5 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,06	0,06	99,94
	2,00	-1,00	0,22	0,20	99,74
	1,40	-0,49	0,69	0,64	99,11
	1,00	0,00	1,62	1,49	97,61
	0,710	0,49	2,69	2,48	95,13
	0,500	1,00	6,26	5,77	89,36
	0,355	1,49	15,97	14,72	74,65
Sand	0,250	2,00	31,38	28,92	45,72
	0,180	2,47	37,28	34,36	11,36
	0,125	3,00	9,40	8,66	2,70
	0,090	3,47	1,07	0,99	1,71
	0,075	3,74	0,13	0,12	1,59
	0,063	3,99	0,17	0,16	1,44
	< 0,063	> 3,99	1,56	1,44	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,44
Sand, fine (0,063 mm - 0,200 mm):	19,74
Sand, medium (0,2 mm - 0,6 mm):	70,93
Sand, coarse (0,6 mm - 2 mm):	7,63
Gravel (> 2 mm):	0,26
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,71	0,50
16%	84%	0,45	1,16
25%	75%	0,36	1,48
40%	60%	0,30	1,73
Median 50%	50%	0,27	1,91
75%	25%	0,21	2,27
84%	16%	0,19	2,40
90%	10%	0,17	2,55
95%	5%	0,14	2,84

Moments Statistics

Mean	1,82
Sorting	0,66
Skewness	-0,21
Kurtosis	1,22
Uniformity Coefficient	1,76

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

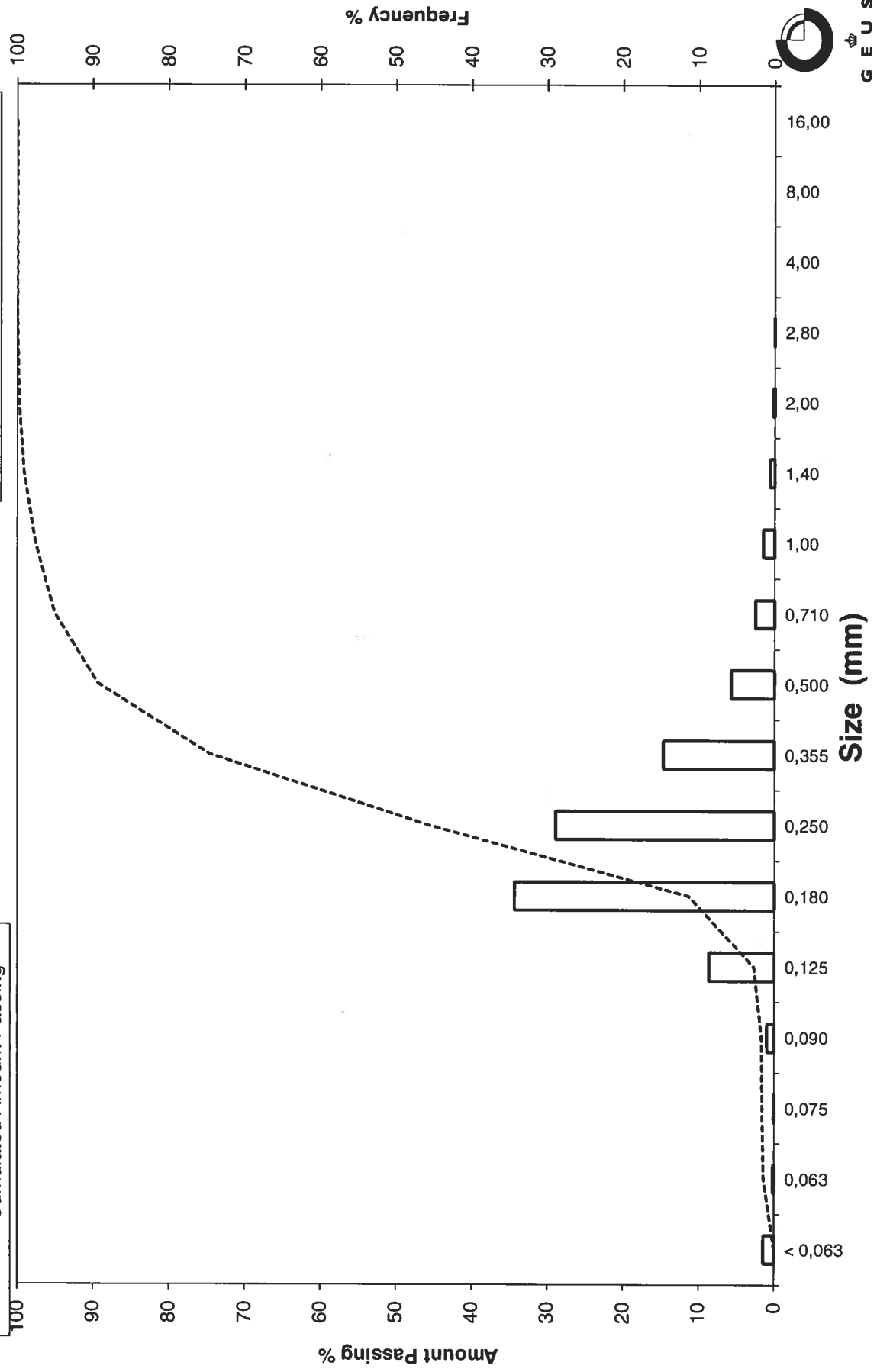
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B16 100-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B16 240-280
Lab. Id: 220521
Projekt: Energistyrelsen
Subject: B16
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 111,62 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,50	0,45	99,55
2,80	-1,49	2,59	2,32	97,23
2,00	-1,00	3,03	2,71	94,52
1,40	-0,49	2,75	2,46	92,05
1,00	0,00	4,68	4,19	87,86
0,710	0,49	4,31	3,86	84,00
0,500	1,00	7,26	6,50	77,50
0,355	1,49	9,48	8,49	69,00
0,250	2,00	15,00	13,44	55,56
0,180	2,47	19,69	17,64	37,92
0,125	3,00	28,42	25,46	12,46
0,090	3,47	9,45	8,47	4,00
0,075	3,74	0,68	0,61	3,39
0,063	3,99	0,30	0,27	3,12
< 0,063	> 3,99	3,48	3,12	0,00

Gravel

Sand

Sieve Analysis

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	3,12
Sand, fine (0,063 mm - 0,200 mm):	39,85
Sand, medium (0,2 mm - 0,6 mm):	37,63
Sand, coarse (0,6 mm - 2 mm):	13,92
Gravel (> 2 mm):	5,48
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	2,14	-1,10
16%	84%	0,71	0,49
25%	75%	0,46	1,13
40%	60%	0,28	1,81
Median 50%	50%	0,23	2,13
75%	25%	0,15	2,72
84%	16%	0,13	2,91
90%	10%	0,11	3,12
95%	5%	0,09	3,41

Moments Statistics

Mean	1,85
Sorting	1,29
Skewness	-0,39
Kurtosis	1,16
Uniformity Coefficient	2,48

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgg-Bulletin 1988)

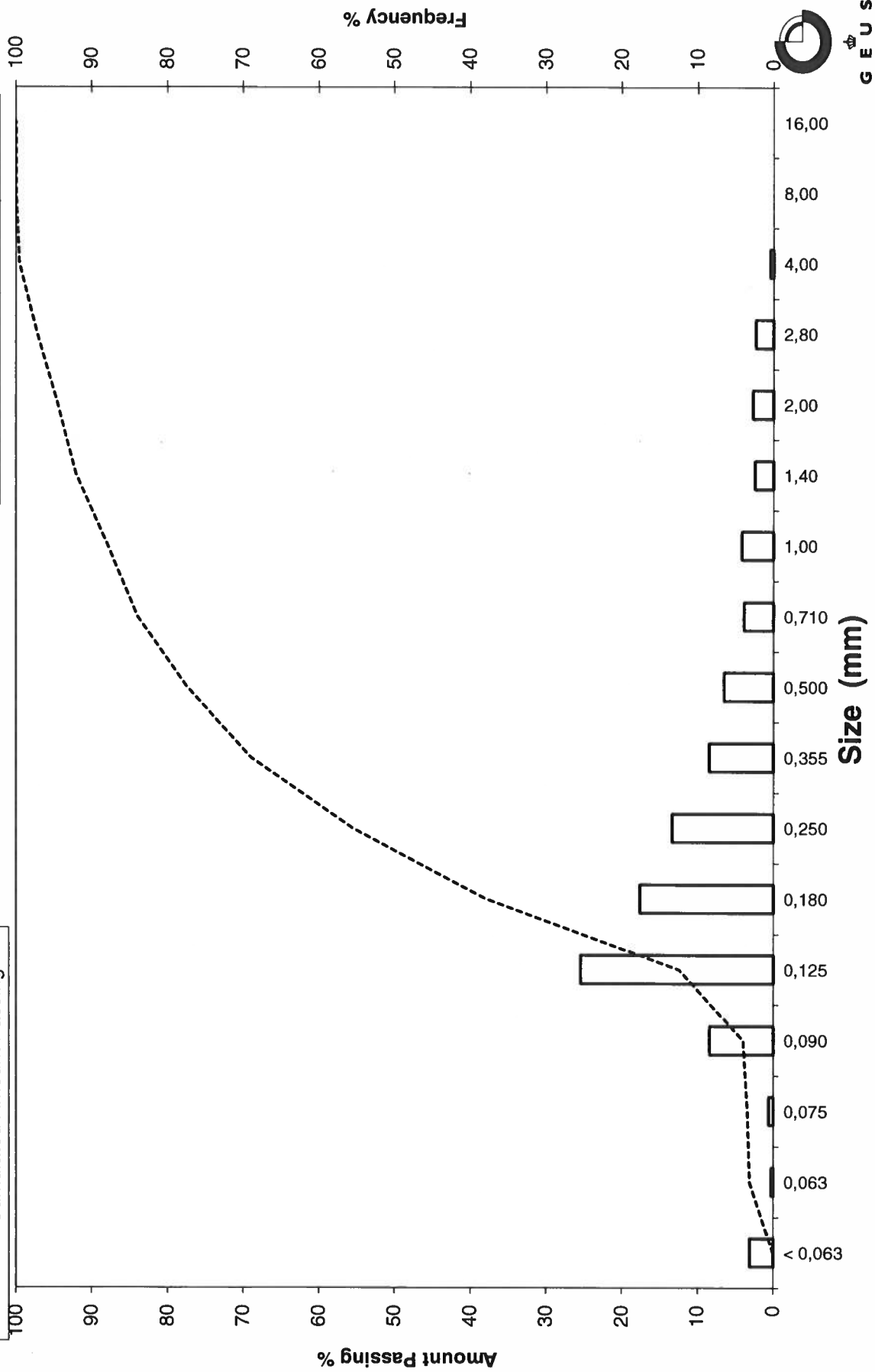
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B16 240-280

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B16 420-460
Lab. Id: 220522
Projekt: Energistyrrelsen
Subject: B16
Date: 02-09-2022
Executed: PS/CRL
Remarks: >8mm består af skaller



Total Weight 135,39 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	1,15	0,85	99,15
4,00	-2,00	14,19	10,48	88,67
2,80	-1,49	30,89	22,82	65,85
2,00	-1,00	10,94	8,08	57,77
1,40	-0,49	4,08	3,01	54,76
1,00	0,00	3,14	2,32	52,44
0,710	0,49	3,26	2,41	50,03
0,500	1,00	4,94	3,65	46,38
0,355	1,49	8,85	6,54	39,85
0,250	2,00	12,23	9,03	30,81
0,180	2,47	16,92	12,50	18,32
0,125	3,00	16,10	11,89	6,43
0,090	3,47	5,90	4,36	2,07
0,075	3,74	0,35	0,26	1,81
0,063	3,99	0,24	0,18	1,63
< 0,063	> 3,99	2,21	1,63	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,63
Sand, fine (0,063 mm - 0,200 mm):	20,26
Sand, medium (0,2 mm - 0,6 mm):	26,23
Sand, coarse (0,6 mm - 2 mm):	9,65
Gravel (> 2 mm):	42,23
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	6,42	-2,68
16%	84%	3,75	-1,91
25%	75%	3,28	-1,71
40%	60%	2,22	-1,15
Median 50%	50%	0,71	0,50
75%	25%	0,22	2,20
84%	16%	0,17	2,56
90%	10%	0,14	2,82
95%	5%	0,11	3,14

Moments Statistics

Mean	0,38
Sorting	2,00
Skewness	-0,08
Kurtosis	0,61
Uniformity Coefficient	15,69

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgm-Bulletin 1988)

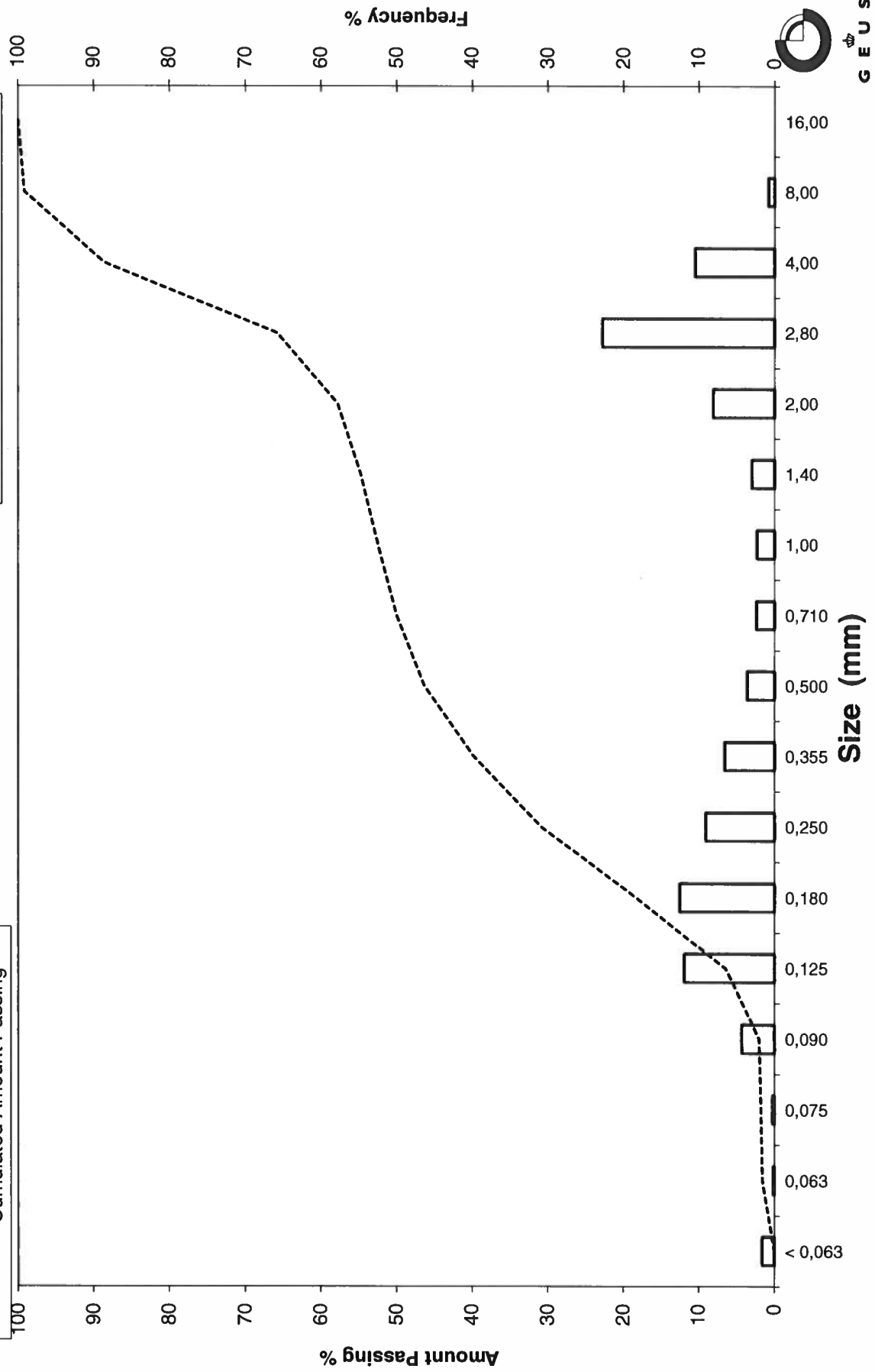
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B16 420-460

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B16 520-550
Lab. Id: 220523
Projekt: Energistyrelsen
Subject: B16
Date: 02-09-2022
Executed: PS/CRL
Remarks: >16mm heraf 54g >32mm



Total Weight 340,64 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	54,00	15,85	84,15
8,00	-3,00	27,08	7,95	76,20
4,00	-2,00	20,01	5,87	70,32
2,80	-1,49	9,80	2,88	67,45
2,00	-1,00	7,07	2,08	65,37
1,40	-0,49	7,86	2,31	63,06
1,00	0,00	14,92	4,38	58,68
0,710	0,49	18,87	5,54	53,14
0,500	1,00	39,34	11,55	41,60
0,355	1,49	44,19	12,97	28,62
0,250	2,00	37,49	11,01	17,62
0,180	2,47	22,31	6,55	11,07
0,125	3,00	19,25	5,65	5,42
0,090	3,47	8,70	2,55	2,86
0,075	3,74	1,84	0,54	2,32
0,063	3,99	0,83	0,24	2,08
< 0,063	> 3,99	7,08	2,08	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	2,08
Sand, fine (0,063 mm - 0,200 mm):	10,86
Sand, medium (0,2 mm - 0,6 mm):	34,16
Sand, coarse (0,6 mm - 2 mm):	18,28
Gravel (> 2 mm):	34,63
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	-----	-----
16%	84%	15,85	-3,99
25%	75%	7,18	-2,84
40%	60%	1,12	-0,16
Median 50%	50%	0,65	0,62
75%	25%	0,32	1,64
84%	16%	0,23	2,10
90%	10%	0,17	2,56
95%	5%	0,12	3,07

Moments Statistics

Mean	-0,42
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	6,60

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean ($\phi_{16\%} + \phi_{84\%} + \phi_{50\%}$) / 3 (Folk and Ward 1957)

Sorting ($\phi_{84\%} - \phi_{16\%}$) / 4 + ($\phi_{95\%} - \phi_{5\%}$) / 6,6 (Folk and Ward 1957)

Kurtosis ($\phi_{95\%} - \phi_{5\%}$) / (2,44 * ($\phi_{75\%} - \phi_{25\%}$)) (Folk and Ward 1957)

Skewness ($\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{84\%} - \phi_{16\%}$)) + ($\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}$) / (2 * ($\phi_{95\%} - \phi_{5\%}$)) (Folk and Ward 1957)

Uniformity Coefficient ($d_{60\%} / d_{10\%}$) (dgf-Bulletin 1988)

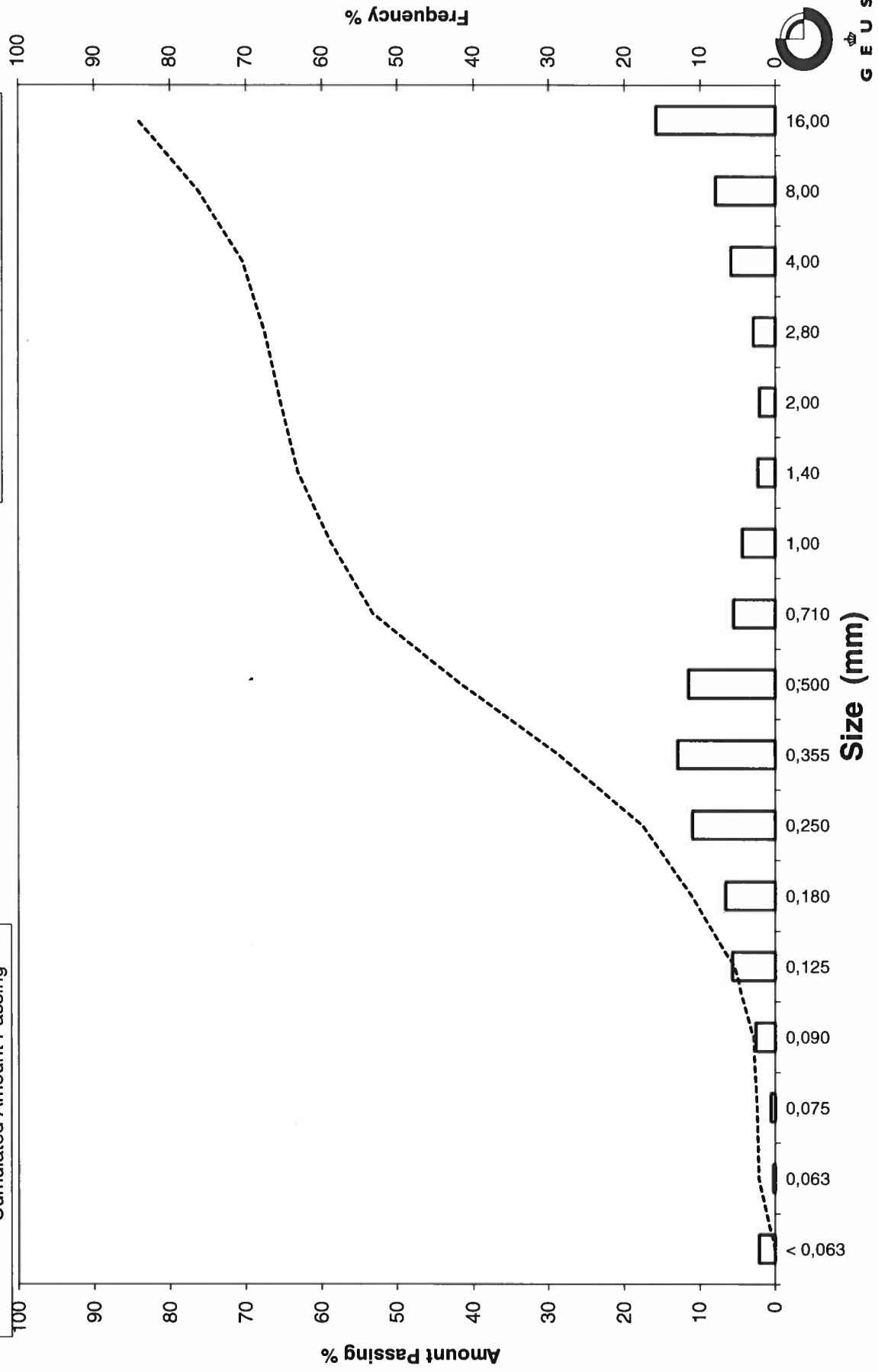
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B16 520-550

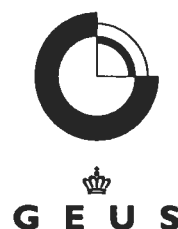
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B17 0-50
Lab. Id: 220524
Projekt: Energistyrrelsen
Subject: B17
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 107,24 g

Size Fractions

Sieve Analysis					
	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,07	0,07	99,93
	1,40	-0,49	0,48	0,45	99,49
	1,00	0,00	0,76	0,71	98,78
	0,710	0,49	0,74	0,69	98,09
	0,500	1,00	0,67	0,62	97,46
	0,355	1,49	5,38	5,02	92,45
	0,250	2,00	54,32	50,65	41,79
	0,180	2,47	40,23	37,51	4,28
	0,125	3,00	3,13	2,92	1,36
	0,090	3,47	0,40	0,37	0,99
	0,075	3,74	0,00	0,00	0,99
	0,063	3,99	0,07	0,07	0,92
	< 0.063	> 3.99	0.99	0.92	0.00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,92
Sand, fine (0,063 mm - 0,200 mm):	14,08
Sand, medium (0,2 mm - 0,6 mm):	82,76
Sand, coarse (0,6 mm - 2 mm):	2,17
Gravel (> 2 mm):	0,07
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,43	1,22
16%	84%	0,34	1,57
25%	75%	0,32	1,65
40%	60%	0,29	1,80
Median 50%	50%	0,27	1,91
75%	25%	0,22	2,19
84%	16%	0,20	2,31
90%	10%	0,19	2,39
95%	5%	0,18	2,46

Moments Statistics

Mean	1,93
Sorting	0,37
Skewness	-0,01
Kurtosis	0,94
Uniformity Coefficient	1,51

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

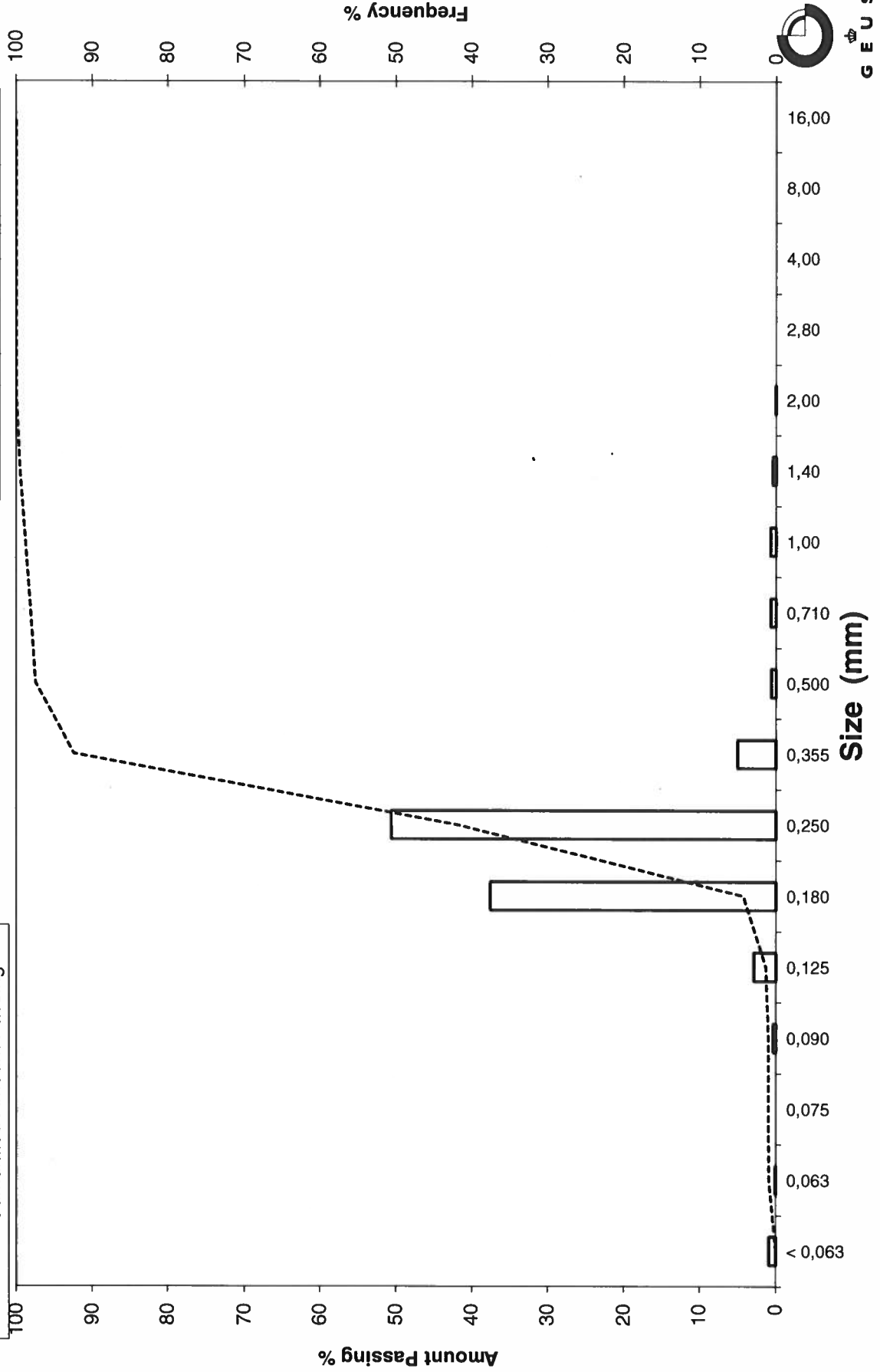
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B17 0-50

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B17 135-165
Lab. Id: 220525
Projekt: Energistyrelsen
Subject: B17
Date: 02-09-2022
Executed: PS/CRL
Remarks: >4mm består af skaller



Total Weight 109,38 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,26	0,24	99,76
	2,80	-1,49	0,00	0,00	99,76
	2,00	-1,00	0,07	0,06	99,70
	1,40	-0,49	0,20	0,18	99,52
	1,00	0,00	1,01	0,92	98,59
	0,710	0,49	1,84	1,68	96,91
	0,500	1,00	4,05	3,70	93,21
	0,355	1,49	6,77	6,19	87,02
Sand	0,250	2,00	16,14	14,76	72,26
	0,180	2,47	64,08	58,58	13,68
	0,125	3,00	13,28	12,14	1,54
	0,090	3,47	0,37	0,34	1,20
	0,075	3,74	0,04	0,04	1,16
	0,063	3,99	0,03	0,03	1,13
	< 0,063	> 3,99	1,24	1,13	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,13
Sand, fine (0,063 mm - 0,200 mm):	29,28
Sand, medium (0,2 mm - 0,6 mm):	64,55
Sand, coarse (0,6 mm - 2 mm):	4,73
Gravel (> 2 mm):	0,30
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,60	0,73
16%	84%	0,33	1,58
25%	75%	0,27	1,89
40%	60%	0,24	2,09
Median 50%	50%	0,22	2,16
75%	25%	0,19	2,37
84%	16%	0,18	2,45
90%	10%	0,16	2,61
95%	5%	0,14	2,83

Moments Statistics

Mean	2,07
Sorting	0,53
Skewness	-0,35
Kurtosis	1,80
Uniformity Coefficient	1,44

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

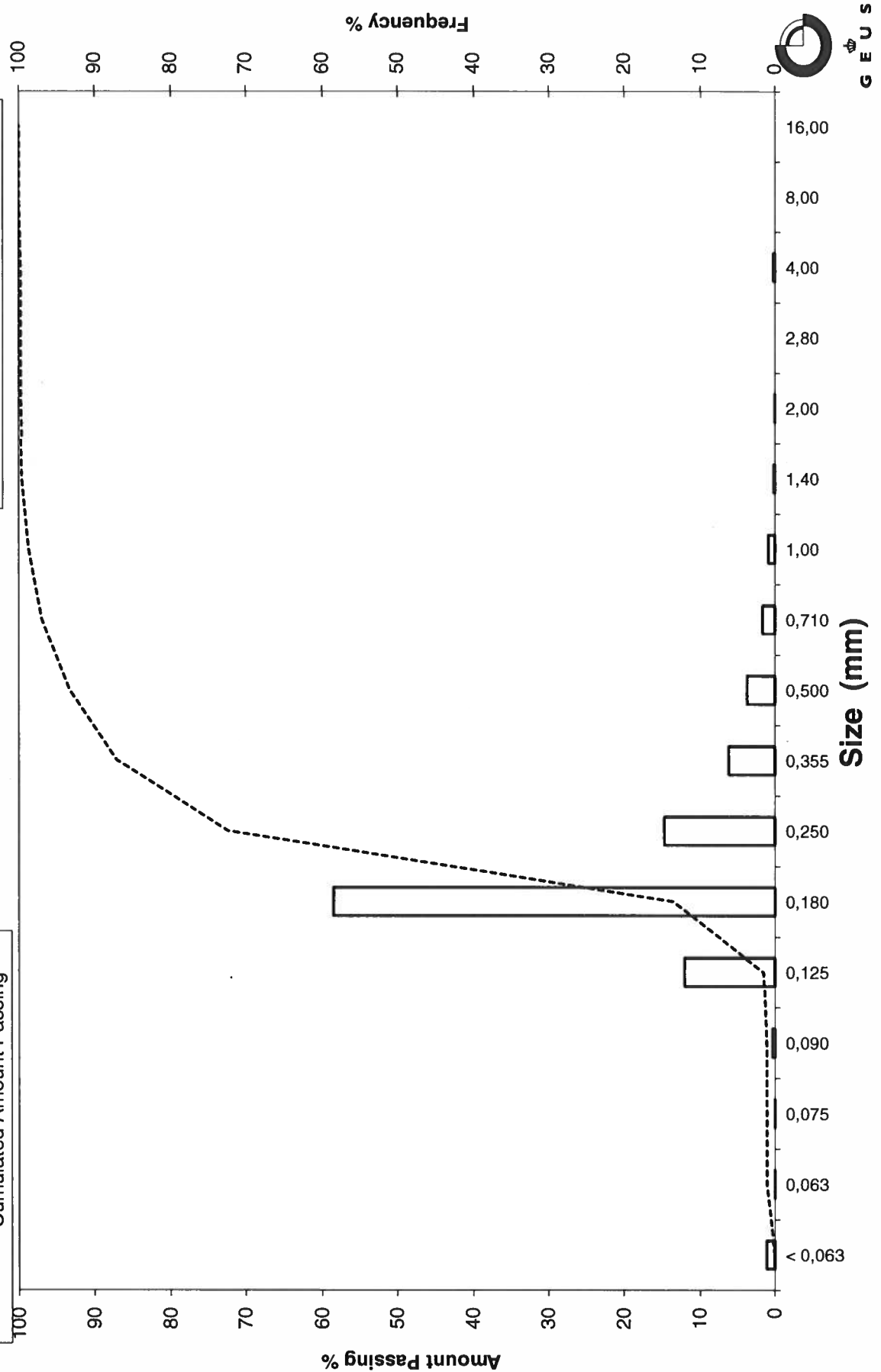
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B17 135-165

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B17 280-330
Lab. Id: 220526
Projekt: Energistyrrelsen
Subject: B17
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 107 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,00	0,00	100,00
	1,40	-0,49	0,02	0,02	99,98
	1,00	0,00	0,25	0,23	99,75
	0,710	0,49	0,82	0,77	98,98
	0,500	1,00	1,82	1,70	97,28
	0,355	1,49	4,77	4,46	92,82
Sand	0,250	2,00	22,04	20,60	72,22
	0,180	2,47	70,73	66,10	6,12
	0,125	3,00	4,57	4,27	1,85
	0,090	3,47	0,33	0,31	1,54
	0,075	3,74	0,00	0,00	1,54
	0,063	3,99	0,05	0,05	1,50
	< 0,063	> 3,99	1,60	1,50	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,50
Sand, fine (0,063 mm - 0,200 mm):	23,51
Sand, medium (0,2 mm - 0,6 mm):	73,08
Sand, coarse (0,6 mm - 2 mm):	1,91
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,43	1,23
16%	84%	0,31	1,69
25%	75%	0,26	1,92
40%	60%	0,24	2,08
Median 50%	50%	0,23	2,14
75%	25%	0,20	2,32
84%	16%	0,19	2,39
90%	10%	0,18	2,44
95%	5%	0,17	2,59

Moments Statistics

Mean	2,07
Sorting	0,38
Skewness	-0,31
Kurtosis	1,39
Uniformity Coefficient	1,29

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

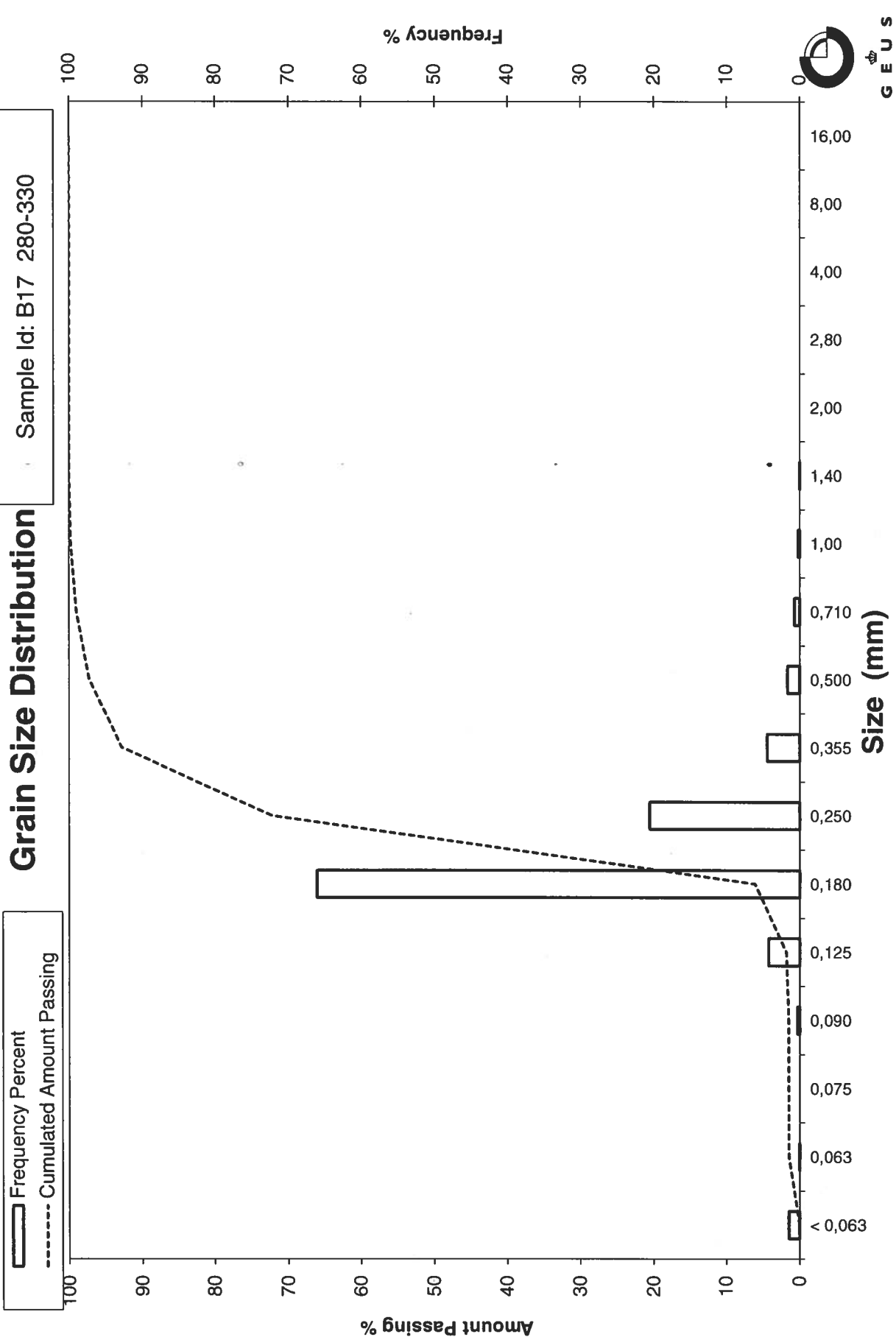
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B17 280-330

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B17 380-430
Lab. Id: 220527
Projekt: Energistyrelsen
Subject: B17
Date: 02-09-2022
Executed: PS/CRL
Remarks: >4mm består af skaller



Total Weight 104,39 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,15	0,14	99,86
2,80	-1,49	0,00	0,00	99,86
2,00	-1,00	0,00	0,00	99,86
1,40	-0,49	0,01	0,01	99,85
1,00	0,00	0,17	0,16	99,68
0,710	0,49	0,65	0,62	99,06
0,500	1,00	2,67	2,56	96,50
0,355	1,49	5,53	5,30	91,21
0,250	2,00	22,83	21,87	69,34
0,180	2,47	63,94	61,25	8,09
0,125	3,00	7,05	6,75	1,33
0,090	3,47	0,25	0,24	1,09
0,075	3,74	0,02	0,02	1,07
0,063	3,99	0,01	0,01	1,06
< 0,063	> 3,99	1,11	1,06	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,06
Sand, fine (0,063 mm - 0,200 mm):	24,52
Sand, medium (0,2 mm - 0,6 mm):	72,14
Sand, coarse (0,6 mm - 2 mm):	2,13
Gravel (> 2 mm):	0,14
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,46	1,12
16%	84%	0,32	1,64
25%	75%	0,28	1,85
40%	60%	0,24	2,06
Median 50%	50%	0,23	2,13
75%	25%	0,20	2,33
84%	16%	0,19	2,40
90%	10%	0,18	2,46
95%	5%	0,15	2,69

Moments Statistics

Mean	2,06
Sorting	0,43
Skewness	-0,29
Kurtosis	1,35
Uniformity Coefficient	1,31

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

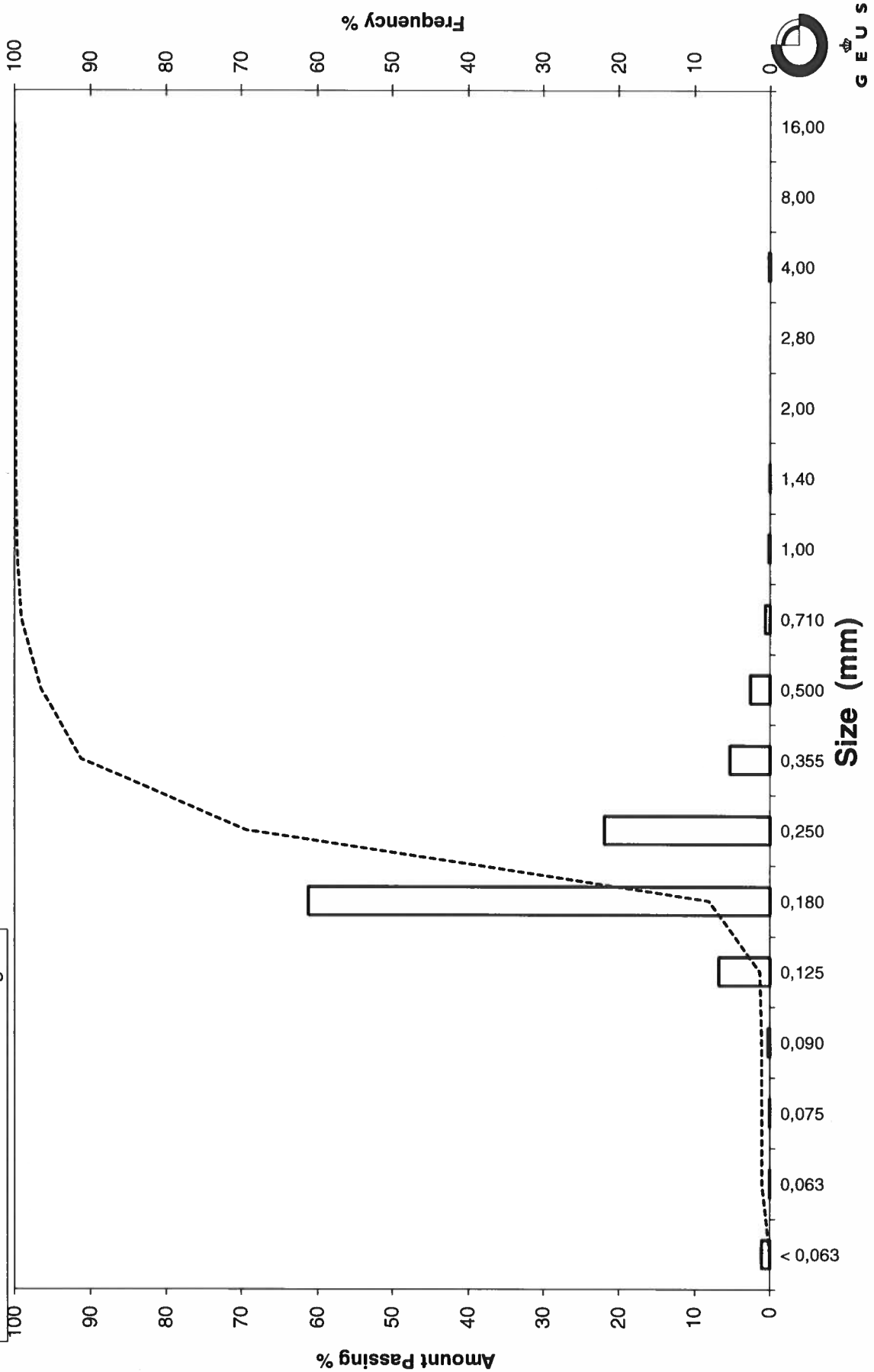
Size Classes and Percentiles are found by linear interpolation

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Grain Size Distribution

Sample Id: B17 380-430

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B18 0-30
Lab. Id: 220528
Projekt: Energistyrrelsen
Subject: B18
Date: 02-09-2022
Executed: PS/CRL
Remarks: >4mm består af skaller



Total Weight 113,84 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,31	0,27	99,73
2,80	-1,49	0,15	0,13	99,60
2,00	-1,00	2,34	2,06	97,54
1,40	-0,49	16,62	14,60	82,94
1,00	0,00	15,27	13,41	69,53
0,710	0,49	13,38	11,75	57,77
0,500	1,00	13,54	11,89	45,88
0,355	1,49	24,43	21,46	24,42
0,250	2,00	20,19	17,74	6,68
0,180	2,47	5,80	5,09	1,59
0,125	3,00	0,68	0,60	0,99
0,090	3,47	0,07	0,06	0,93
0,075	3,74	0,00	0,00	0,93
0,063	3,99	0,00	0,00	0,93
< 0,063	> 3,99	1,06	0,93	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,93
Sand, fine (0,063 mm - 0,200 mm):	2,11
Sand, medium (0,2 mm - 0,6 mm):	48,50
Sand, coarse (0,6 mm - 2 mm):	46,00
Gravel (> 2 mm):	2,46
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,90	-0,92
16%	84%	1,44	-0,53
25%	75%	1,16	-0,22
40%	60%	0,76	0,39
Median 50%	50%	0,57	0,80
75%	25%	0,36	1,48
84%	16%	0,31	1,71
90%	10%	0,27	1,89
95%	5%	0,23	2,14

Moments Statistics

Mean	0,66
Sorting	1,02
Skewness	-0,16
Kurtosis	0,74
Uniformity Coefficient	2,84

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

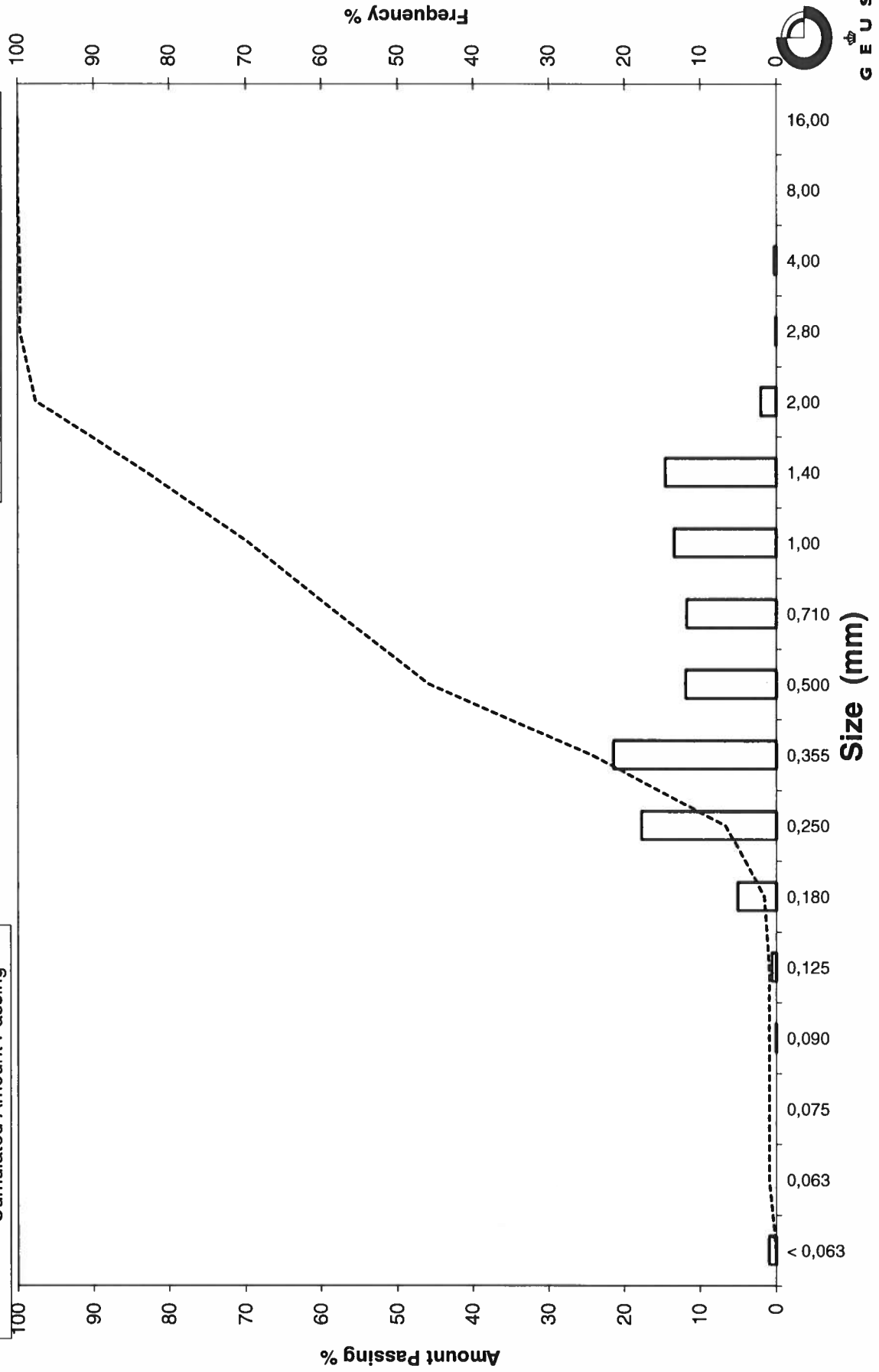
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B18 0-30

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B18 100-150
Lab. Id: 220529
Projekt: Energistyrelsen
Subject: B18
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 123,86 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,22	0,18	99,82
2,80	-1,49	0,70	0,57	99,26
2,00	-1,00	1,54	1,24	98,01
1,40	-0,49	2,53	2,04	95,97
1,00	0,00	5,59	4,51	91,46
0,710	0,49	7,19	5,80	85,65
0,500	1,00	19,44	15,70	69,96
0,355	1,49	31,33	25,29	44,66
0,250	2,00	35,46	28,63	16,03
0,180	2,47	14,80	11,95	4,09
0,125	3,00	3,79	3,06	1,03
0,090	3,47	0,23	0,19	0,84
0,075	3,74	0,00	0,00	0,84
0,063	3,99	0,00	0,00	0,84
< 0,063	> 3,99	1,04	0,84	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,84
Sand, fine (0,063 mm - 0,200 mm):	6,66
Sand, medium (0,2 mm - 0,6 mm):	69,93
Sand, coarse (0,6 mm - 2 mm):	20,58
Gravel (> 2 mm):	1,99
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,31	-0,39
16%	84%	0,69	0,54
25%	75%	0,57	0,82
40%	60%	0,44	1,17
Median 50%	50%	0,39	1,37
75%	25%	0,28	1,82
84%	16%	0,25	2,00
90%	10%	0,21	2,22
95%	5%	0,19	2,43

Moments Statistics

Mean	1,31
Sorting	0,79
Skewness	-0,20
Kurtosis	1,15
Uniformity Coefficient	2,06

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

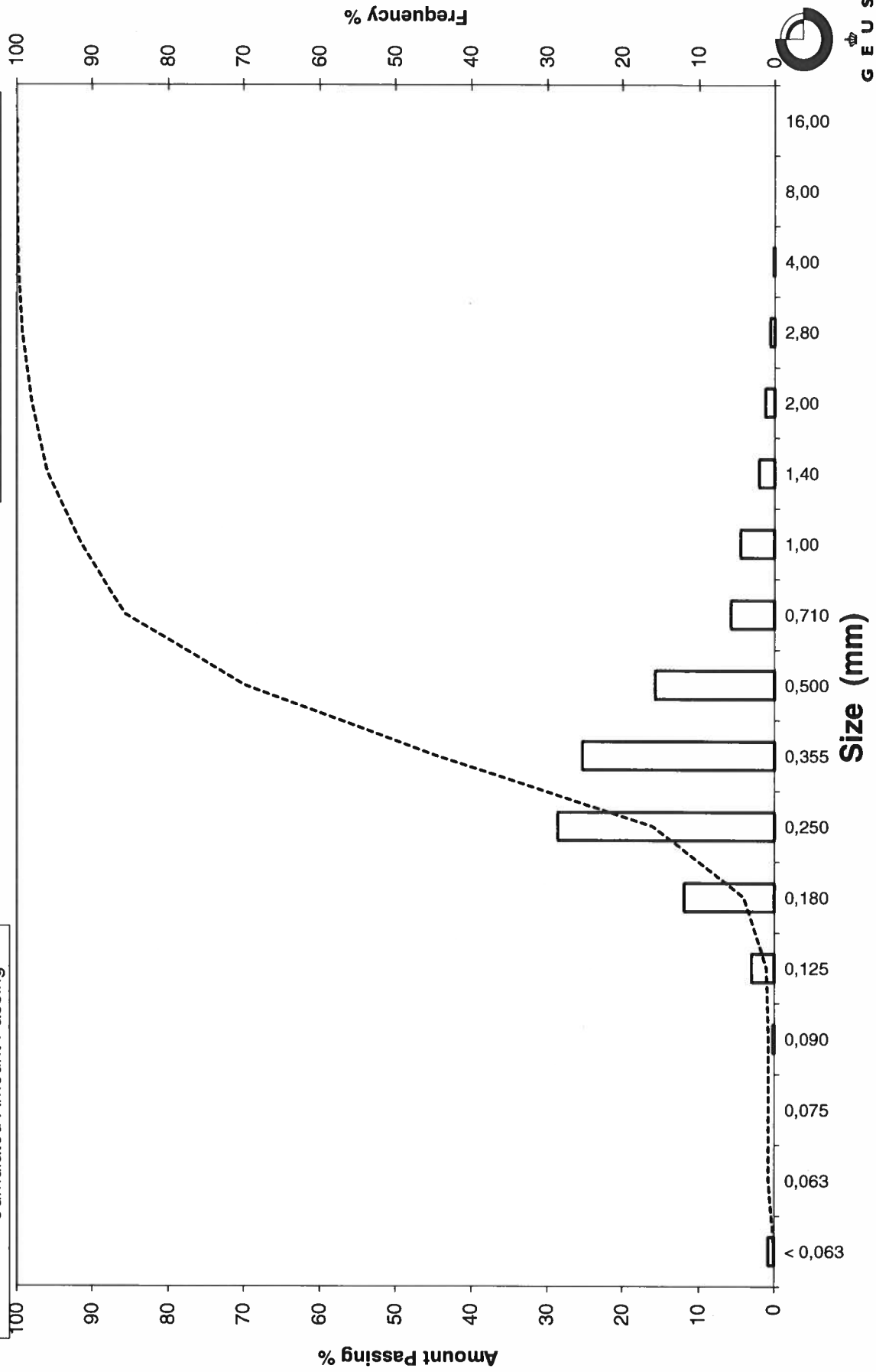
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B18 100-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B18 200-250
Lab. Id: 220530
Projekt: Energistyrelsen
Subject: B18
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 119,12 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,05	0,04	99,96
2,00	-1,00	0,36	0,30	99,66
1,40	-0,49	1,93	1,62	98,04
1,00	0,00	6,11	5,13	92,91
0,710	0,49	10,71	8,99	83,92
0,500	1,00	19,35	16,24	67,67
0,355	1,49	32,56	27,33	40,34
0,250	2,00	28,19	23,67	16,67
0,180	2,47	14,81	12,43	4,24
0,125	3,00	3,49	2,93	1,31
0,090	3,47	0,48	0,40	0,91
0,075	3,74	0,00	0,00	0,91
0,063	3,99	0,01	0,01	0,90
< 0,063	> 3,99	1,07	0,90	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,90
Sand, fine (0,063 mm - 0,200 mm):	6,89
Sand, medium (0,2 mm - 0,6 mm):	67,61
Sand, coarse (0,6 mm - 2 mm):	24,25
Gravel (> 2 mm):	0,34
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,16	-0,22
16%	84%	0,71	0,49
25%	75%	0,59	0,75
40%	60%	0,46	1,12
Median 50%	50%	0,41	1,30
75%	25%	0,29	1,80
84%	16%	0,25	2,02
90%	10%	0,21	2,23
95%	5%	0,18	2,44

Moments Statistics

Mean	1,27
Sorting	0,79
Skewness	-0,10
Kurtosis	1,04
Uniformity Coefficient	2,16

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

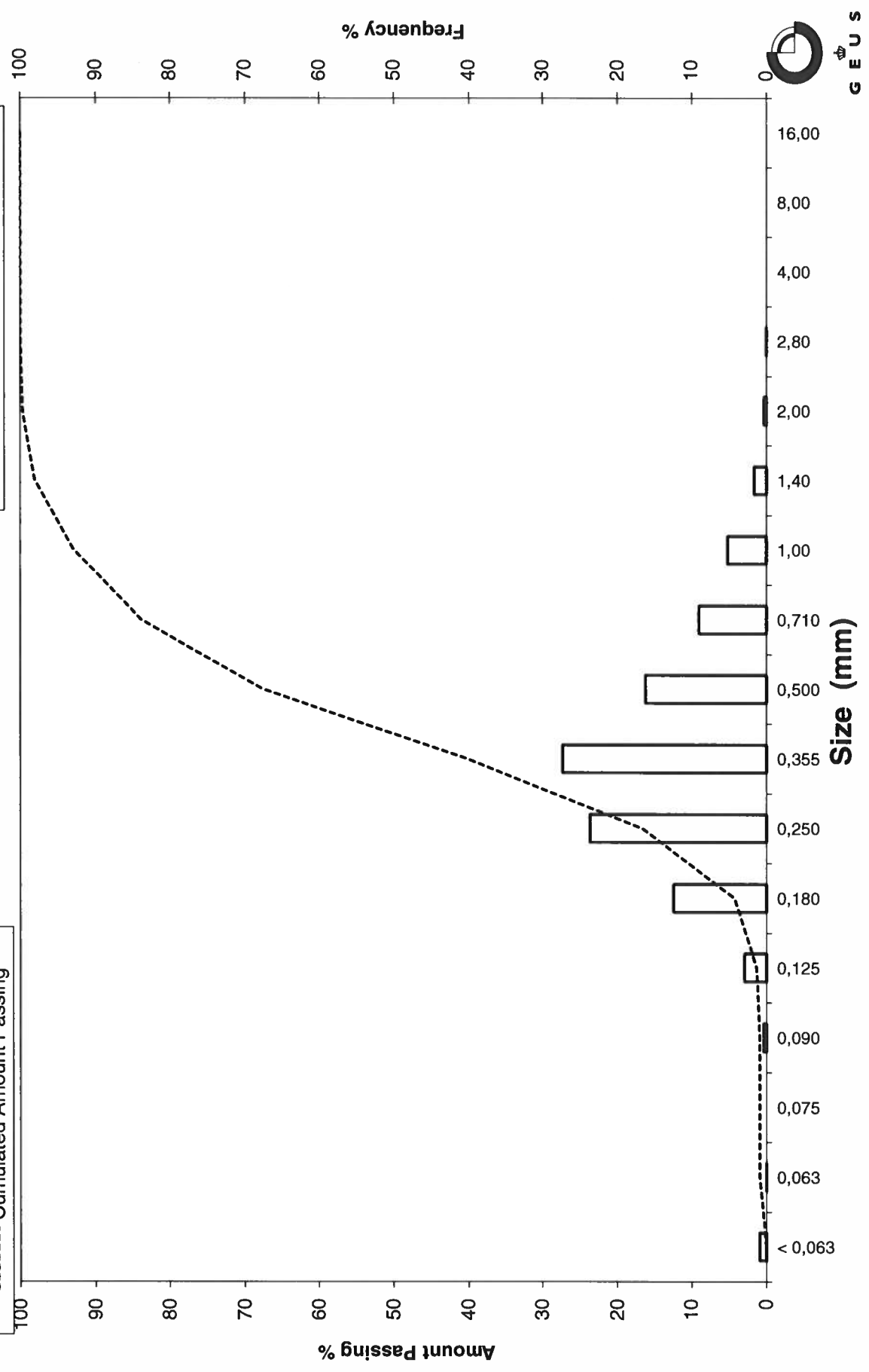
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B18 200-250

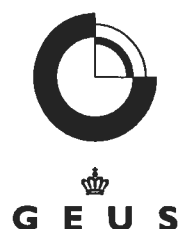
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B18 315-365
Lab. Id: 220531
Projekt: Energistyrelsen
Subject: B18
Date: 02-09-2022
Executed: PS/CRL
Remarks: >1,4mm består af skaller



Total Weight 112,94 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,07	0,06	99,94
2,80	-1,49	0,12	0,11	99,83
2,00	-1,00	0,03	0,03	99,81
1,40	-0,49	0,03	0,03	99,78
1,00	0,00	0,40	0,35	99,42
0,710	0,49	1,20	1,06	98,36
0,500	1,00	12,25	10,85	87,52
0,355	1,49	29,72	26,31	61,20
0,250	2,00	34,37	30,43	30,77
0,180	2,47	24,52	21,71	9,06
0,125	3,00	8,50	7,53	1,53
0,090	3,47	0,53	0,47	1,06
0,075	3,74	0,04	0,04	1,03
0,063	3,99	0,00	0,00	1,03
< 0,063	> 3,99	1,16	1,03	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,03
Sand, fine (0,063 mm - 0,200 mm):	14,23
Sand, medium (0,2 mm - 0,6 mm):	77,42
Sand, coarse (0,6 mm - 2 mm):	7,12
Gravel (> 2 mm):	0,19
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,64	0,63
16%	84%	0,48	1,06
25%	75%	0,43	1,21
40%	60%	0,35	1,51
Median 50%	50%	0,32	1,66
75%	25%	0,23	2,11
84%	16%	0,20	2,30
90%	10%	0,18	2,45
95%	5%	0,15	2,73

Moments Statistics

Mean	1,67
Sorting	0,63
Skewness	0,03
Kurtosis	0,96
Uniformity Coefficient	1,92

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

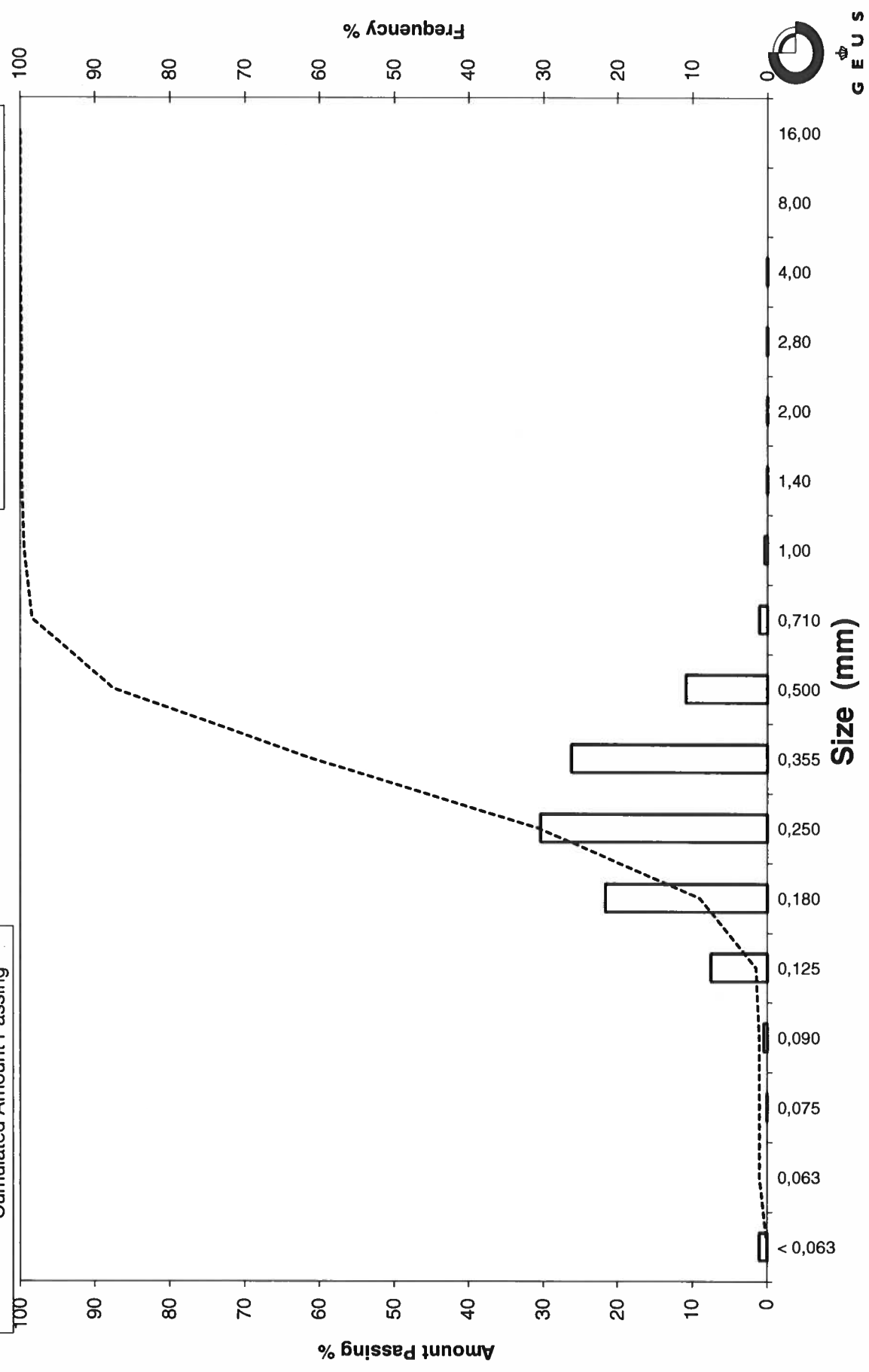
Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

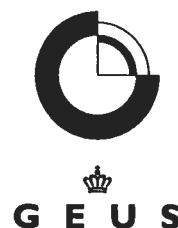
Sample Id: B18 315-365



Grain Size Distribution

Geotechnical

Sample Id: B19 0-50
Lab. Id: 220532
Projekt: Energistyrelsen
Subject: B19
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 121,74 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,10	0,08	99,92
	1,40	-0,49	0,73	0,60	99,32
	1,00	0,00	3,68	3,02	96,30
	0,710	0,49	6,55	5,38	90,92
	0,500	1,00	13,34	10,96	79,96
	0,355	1,49	38,71	31,80	48,16
Sand	0,250	2,00	44,97	36,94	11,22
	0,180	2,47	11,82	9,71	1,51
	0,125	3,00	0,93	0,76	0,75
	0,090	3,47	0,09	0,07	0,67
	0,075	3,74	0,00	0,00	0,67
	0,063	3,99	0,00	0,00	0,67
	< 0,063	> 3,99	0,82	0,67	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,67
Sand, fine (0,063 mm - 0,200 mm):	3,61
Sand, medium (0,2 mm - 0,6 mm):	80,89
Sand, coarse (0,6 mm - 2 mm):	14,74
Gravel (> 2 mm):	0,08
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,93	0,10
16%	84%	0,58	0,79
25%	75%	0,48	1,07
40%	60%	0,41	1,29
Median 50%	50%	0,36	1,46
75%	25%	0,29	1,79
84%	16%	0,26	1,92
90%	10%	0,24	2,05
95%	5%	0,21	2,29

Moments Statistics

Mean	1,39
Sorting	0,61
Skewness	-0,21
Kurtosis	1,24
Uniformity Coefficient	1,70

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

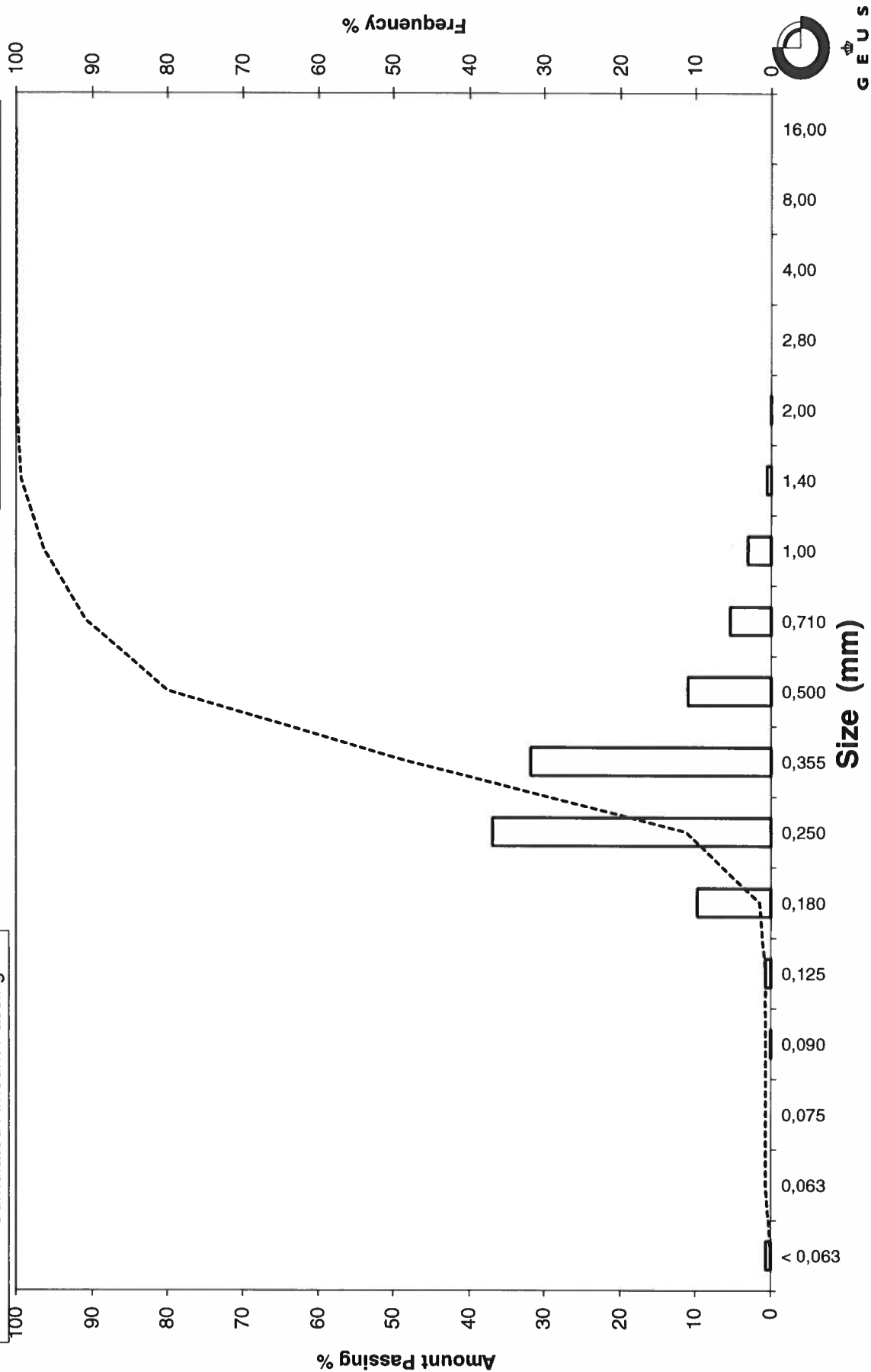
Size Classes and Percentiles are found by linear interpolation

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Grain Size Distribution

Sample Id: B19 0-50

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B19 100-150
Lab. Id: 220533
Projekt: Energistyrrelsen
Subject: B19
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 109,43 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,04	0,04	99,96
1,00	0,00	0,92	0,84	99,12
0,710	0,49	2,13	1,95	97,18
0,500	1,00	10,15	9,28	87,90
0,355	1,49	30,13	27,53	60,37
0,250	2,00	46,89	42,85	17,52
0,180	2,47	16,10	14,71	2,81
0,125	3,00	2,12	1,94	0,87
0,090	3,47	0,06	0,05	0,81
0,075	3,74	0,00	0,00	0,81
0,063	3,99	0,00	0,00	0,81
< 0,063	> 3,99	0,89	0,81	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,81
Sand, fine (0,063 mm - 0,200 mm):	6,20
Sand, medium (0,2 mm - 0,6 mm):	85,31
Sand, coarse (0,6 mm - 2 mm):	7,68
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,66	0,60
16%	84%	0,48	1,06
25%	75%	0,43	1,21
40%	60%	0,35	1,50
Median 50%	50%	0,33	1,60
75%	25%	0,27	1,90
84%	16%	0,24	2,04
90%	10%	0,21	2,22
95%	5%	0,19	2,39

Moments Statistics

Mean	1,57
Sorting	0,52
Skewness	-0,11
Kurtosis	1,07
Uniformity Coefficient	1,65

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

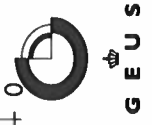
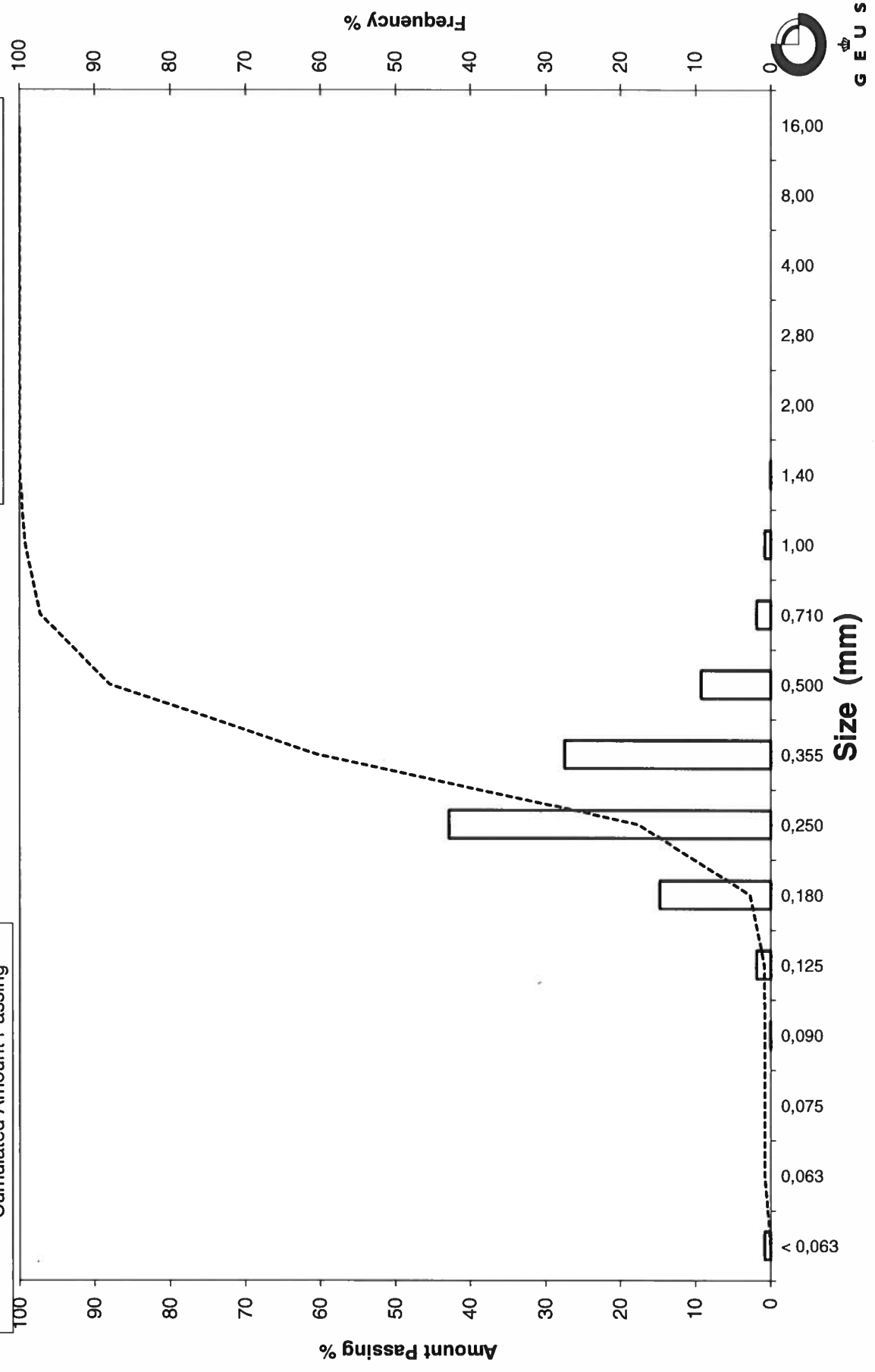
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B19 100-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B19 280-310
Lab. Id: 220534
Projekt: Energistyrelsen
Subject: B19
Date: 02-09-2022
Executed: PS/CRL
Remarks: >8mm består af skaller



Total Weight 276,08 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,46	0,17	99,83
4,00	-2,00	3,25	1,18	98,66
2,80	-1,49	19,14	6,93	91,72
2,00	-1,00	27,81	10,07	81,65
1,40	-0,49	33,52	12,14	69,51
1,00	0,00	28,67	10,38	59,12
0,710	0,49	28,10	10,18	48,95
0,500	1,00	30,18	10,93	38,01
0,355	1,49	42,86	15,52	22,49
0,250	2,00	42,80	15,50	6,99
0,180	2,47	15,69	5,68	1,30
0,125	3,00	1,56	0,57	0,74
0,090	3,47	0,15	0,05	0,68
0,075	3,74	0,02	0,01	0,68
0,063	3,99	0,02	0,01	0,67
< 0,063	> 3,99	1,85	0,67	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,67
Sand, fine (0,063 mm - 0,200 mm):	2,26
Sand, medium (0,2 mm - 0,6 mm):	40,29
Sand, coarse (0,6 mm - 2 mm):	38,43
Gravel (> 2 mm):	18,35
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	3,37	-1,75
16%	84%	2,19	-1,13
25%	75%	1,67	-0,74
40%	60%	1,03	-0,05
Median 50%	50%	0,74	0,43
75%	25%	0,38	1,40
84%	16%	0,31	1,68
90%	10%	0,27	1,89
95%	5%	0,23	2,15

Moments Statistics

Mean	0,33
Sorting	1,29
Skewness	-0,12
Kurtosis	0,75
Uniformity Coefficient	3,82

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

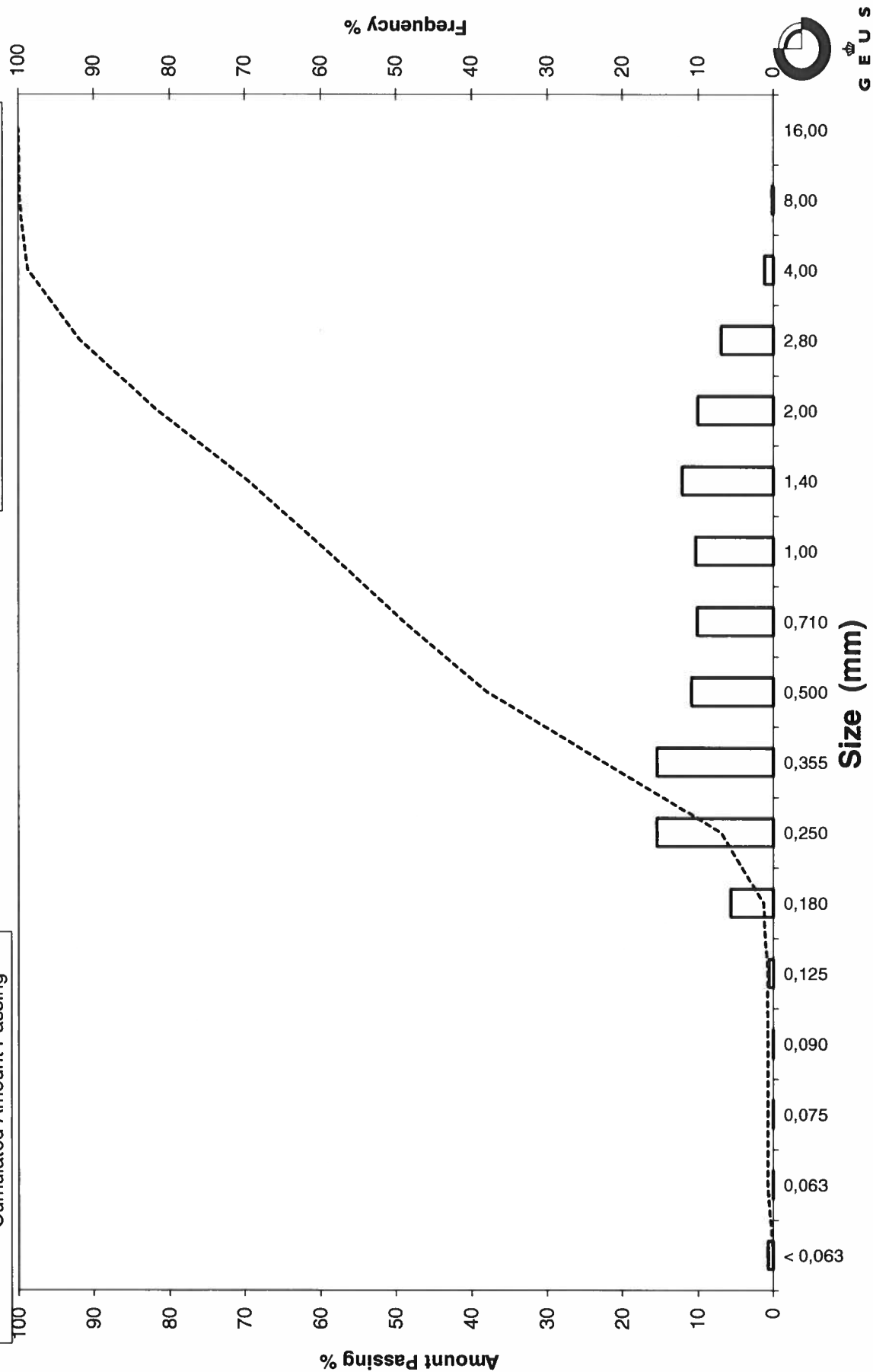
Size Classes and Percentiles are found by linear interpolation

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Grain Size Distribution

Sample Id: B19 280-310

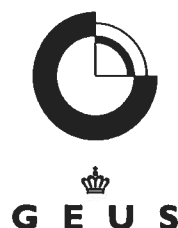
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B19 340-390
Lab. Id: 220535
Projekt: Energistyrelsen
Subject: B19
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 136,48 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,02	0,01	99,99
	2,00	-1,00	0,31	0,23	99,76
	1,40	-0,49	0,83	0,61	99,15
	1,00	0,00	3,62	2,65	96,50
	0,710	0,49	6,66	4,88	91,62
	0,500	1,00	20,16	14,77	76,85
	0,355	1,49	34,28	25,12	51,73
Sand	0,250	2,00	39,44	28,90	22,83
	0,180	2,47	22,49	16,48	6,35
	0,125	3,00	7,35	5,39	0,97
	0,090	3,47	0,48	0,35	0,62
	0,075	3,74	0,01	0,01	0,61
	0,063	3,99	0,00	0,00	0,61
	< 0,063	> 3,99	0,83	0,61	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,61
Sand, fine (0,063 mm - 0,200 mm):	10,45
Sand, medium (0,2 mm - 0,6 mm):	72,82
Sand, coarse (0,6 mm - 2 mm):	15,88
Gravel (> 2 mm):	0,24
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,91	0,13
16%	84%	0,60	0,73
25%	75%	0,49	1,03
40%	60%	0,40	1,31
Median 50%	50%	0,35	1,52
75%	25%	0,26	1,96
84%	16%	0,22	2,18
90%	10%	0,20	2,35
95%	5%	0,17	2,59

Moments Statistics

Mean	1,48
Sorting	0,73
Skewness	-0,11
Kurtosis	1,09
Uniformity Coefficient	2,06

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

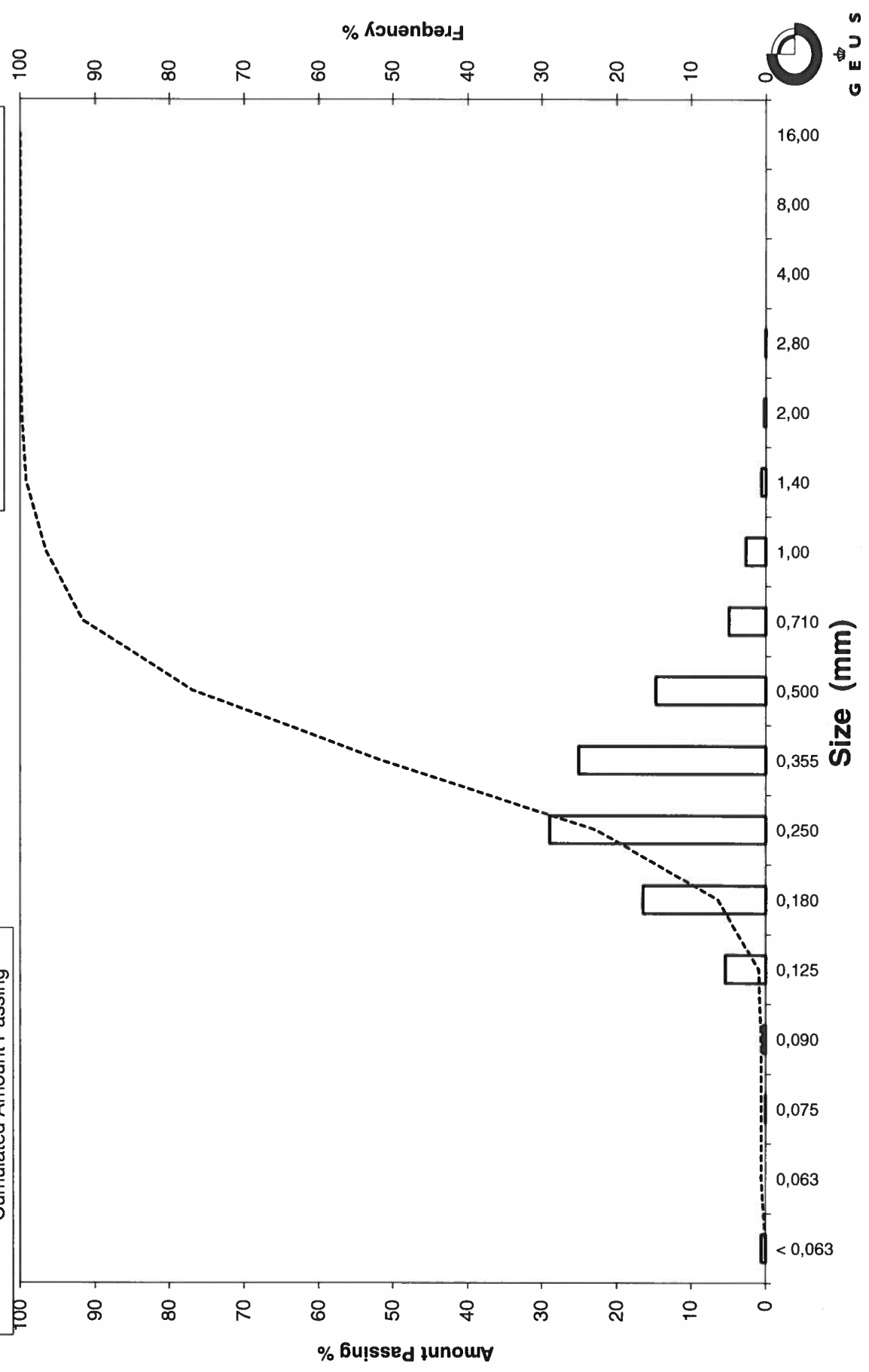
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B19 340-390

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B20 0-50
Lab. Id: 220536
Projekt: Energistyrelsen
Subject: B20
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 112,4 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,10	0,09	99,91
1,00	0,00	0,56	0,50	99,41
0,710	0,49	3,25	2,89	96,52
0,500	1,00	10,89	9,69	86,83
0,355	1,49	27,32	24,31	62,53
0,250	2,00	44,82	39,88	22,65
0,180	2,47	22,69	20,19	2,46
0,125	3,00	1,54	1,37	1,09
0,090	3,47	0,20	0,18	0,92
0,075	3,74	0,00	0,00	0,92
0,063	3,99	0,00	0,00	0,92
< 0,063	> 3,99	1,03	0,92	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,92
Sand, fine (0,063 mm - 0,200 mm):	7,32
Sand, medium (0,2 mm - 0,6 mm):	83,21
Sand, coarse (0,6 mm - 2 mm):	8,55
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,68	0,56
16%	84%	0,48	1,05
25%	75%	0,43	1,22
40%	60%	0,35	1,52
Median 50%	50%	0,32	1,63
75%	25%	0,26	1,96
84%	16%	0,23	2,14
90%	10%	0,21	2,28
95%	5%	0,19	2,41

Moments Statistics

Mean	1,61
Sorting	0,55
Skewness	-0,12
Kurtosis	1,01
Uniformity Coefficient	1,69

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

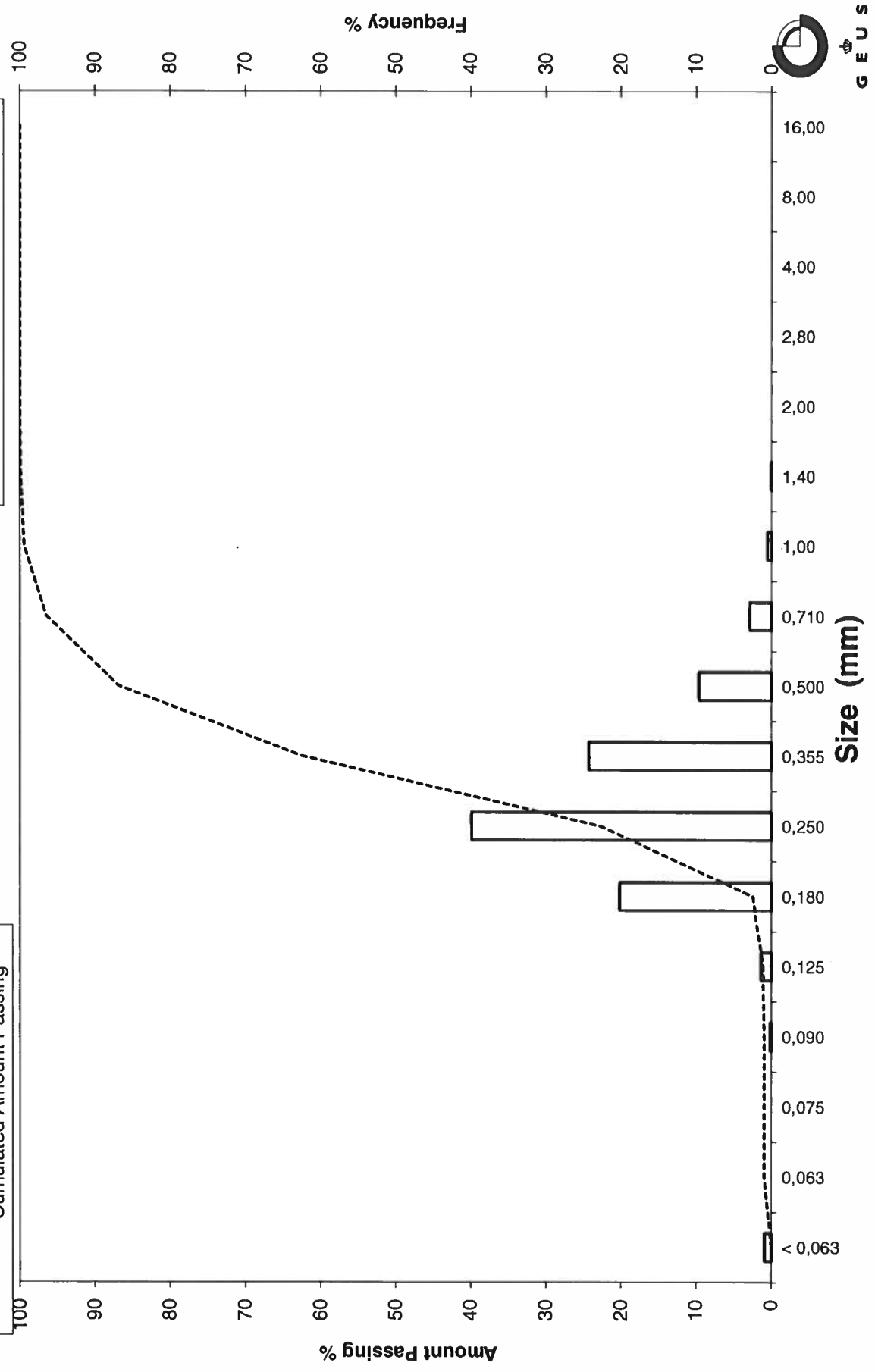
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B20 0-50

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B20 100-150
Lab. Id: 220537
Projekt: Energistyrrelsen
Subject: B20
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 120,11 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,00	0,00	100,00
1,00	0,00	0,15	0,12	99,88
0,710	0,49	0,70	0,58	99,29
0,500	1,00	4,94	4,11	95,18
0,355	1,49	20,29	16,89	78,29
0,250	2,00	53,14	44,24	34,04
0,180	2,47	32,98	27,46	6,59
0,125	3,00	6,37	5,30	1,28
0,090	3,47	0,29	0,24	1,04
0,075	3,74	0,01	0,01	1,03
0,063	3,99	0,00	0,00	1,03
< 0,063	> 3,99	1,24	1,03	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,03
Sand, fine (0,063 mm - 0,200 mm):	13,40
Sand, medium (0,2 mm - 0,6 mm):	82,71
Sand, coarse (0,6 mm - 2 mm):	2,86
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,50	1,00
16%	84%	0,40	1,31
25%	75%	0,35	1,53
40%	60%	0,31	1,68
Median 50%	50%	0,29	1,80
75%	25%	0,23	2,14
84%	16%	0,20	2,29
90%	10%	0,19	2,41
95%	5%	0,16	2,61

Moments Statistics

Mean	1,80
Sorting	0,49
Skewness	0,01
Kurtosis	1,07
Uniformity Coefficient	1,65

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

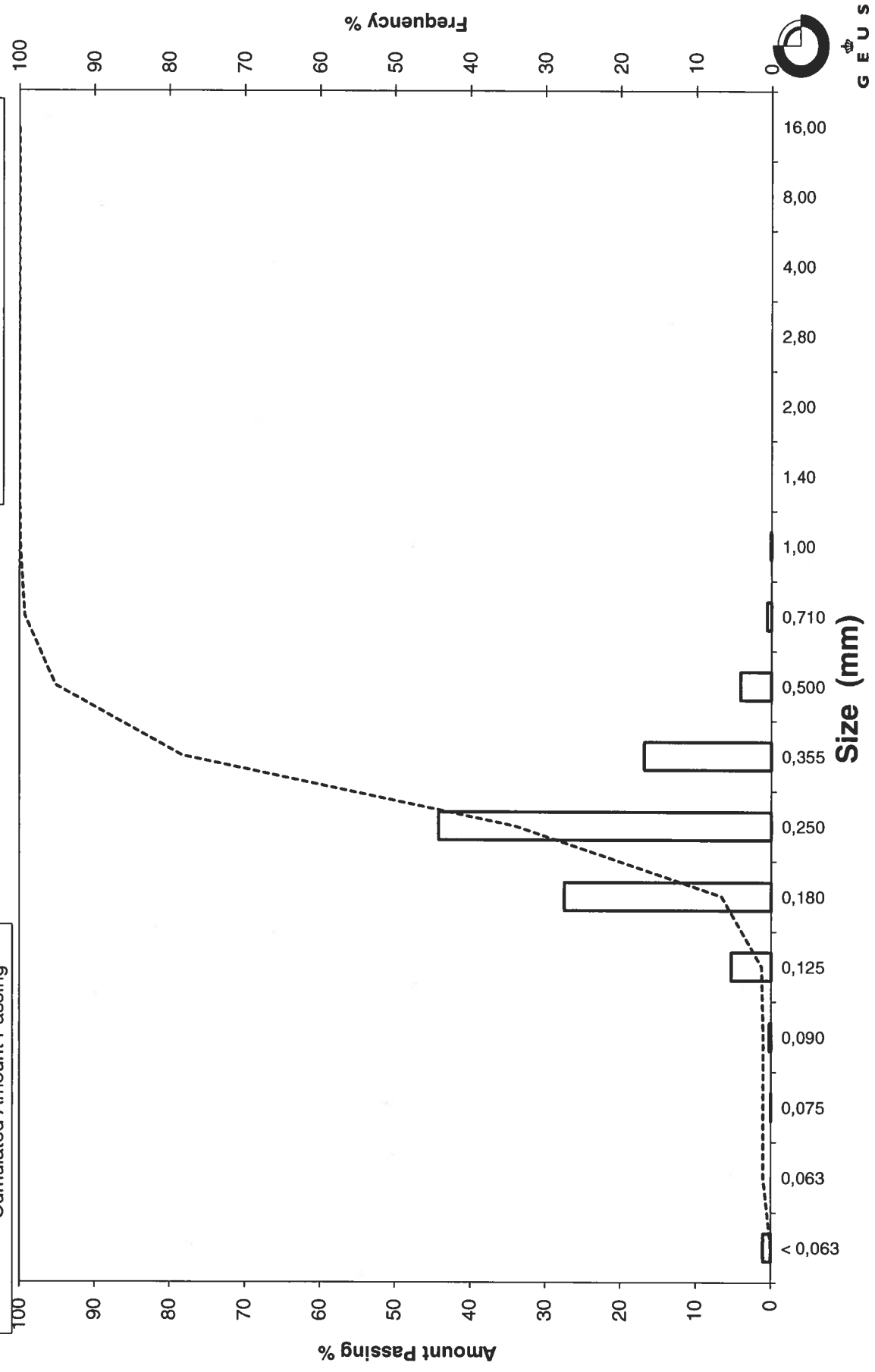
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B20 100-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B20 200-250
Lab. Id: 220538
Projekt: Energistyrelsen
Subject: B20
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 109,87 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,00	0,00	100,00
	1,40	-0,49	0,11	0,10	99,90
	1,00	0,00	0,90	0,82	99,08
	0,710	0,49	2,20	2,00	97,08
	0,500	1,00	6,72	6,12	90,96
	0,355	1,49	20,62	18,77	72,19
Sand	0,250	2,00	47,96	43,65	28,54
	0,180	2,47	26,08	23,74	4,81
	0,125	3,00	4,33	3,94	0,86
	0,090	3,47	0,16	0,15	0,72
	0,075	3,74	0,01	0,01	0,71
	0,063	3,99	0,00	0,00	0,71
	< 0,063	> 3,99	0,78	0,71	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,71
Sand, fine (0,063 mm - 0,200 mm):	10,88
Sand, medium (0,2 mm - 0,6 mm):	82,29
Sand, coarse (0,6 mm - 2 mm):	6,13
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,64	0,65
16%	84%	0,45	1,16
25%	75%	0,38	1,41
40%	60%	0,33	1,62
Median 50%	50%	0,30	1,73
75%	25%	0,24	2,06
84%	16%	0,21	2,23
90%	10%	0,20	2,36
95%	5%	0,18	2,47

Moments Statistics

Mean	1,71
Sorting	0,54
Skewness	-0,12
Kurtosis	1,14
Uniformity Coefficient	1,67

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

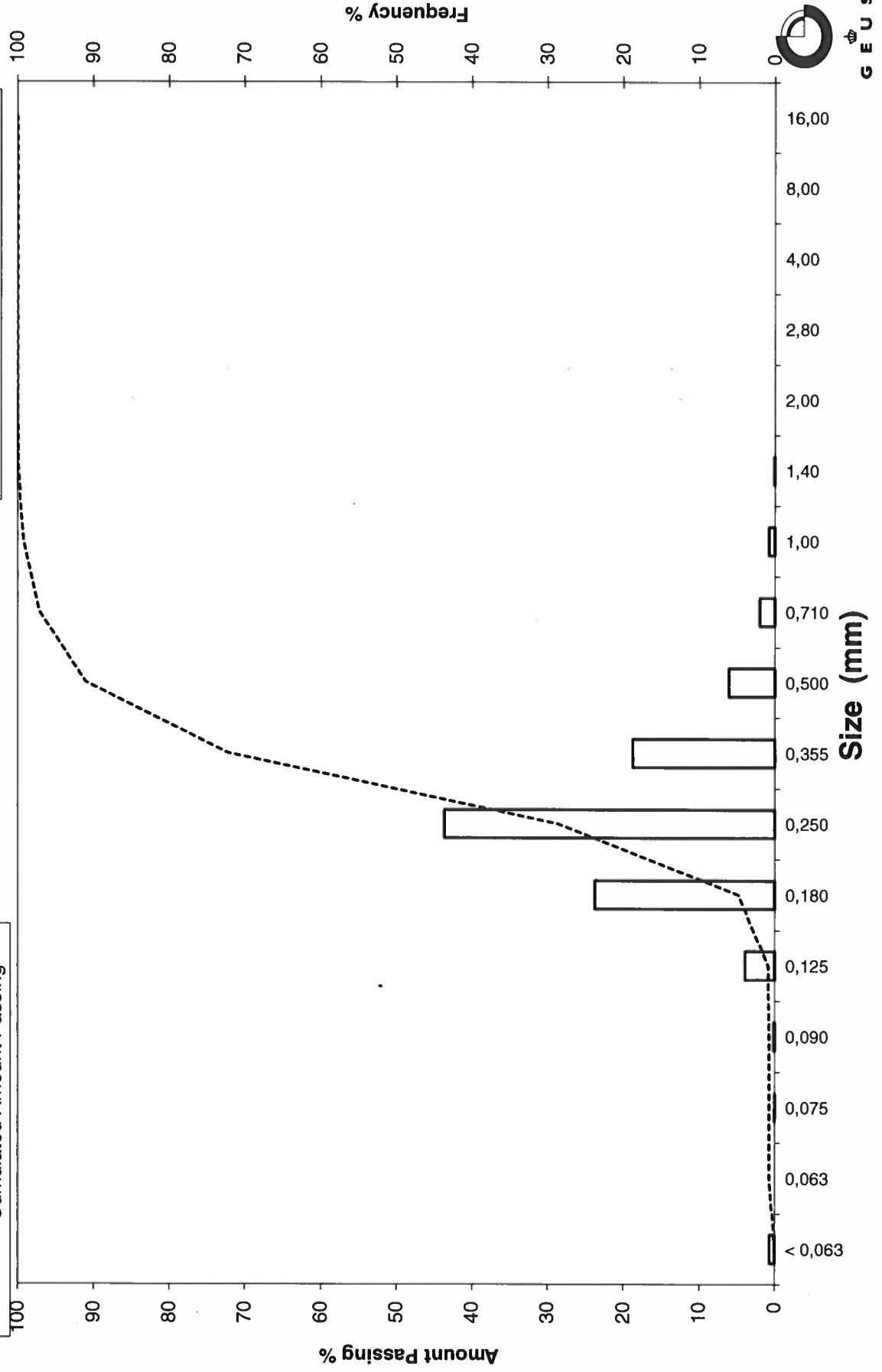
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B20 200-250

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B20 330-350
Lab. Id: 220539
Projekt: Energistyrelsen
Subject: B20
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 187,02 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	1,53	0,82	99,18
2,80	-1,49	7,66	4,10	95,09
2,00	-1,00	18,31	9,79	85,30
1,40	-0,49	28,73	15,36	69,93
1,00	0,00	28,53	15,26	54,68
0,710	0,49	22,62	12,09	42,58
0,500	1,00	16,33	8,73	33,85
0,355	1,49	16,41	8,77	25,08
0,250	2,00	20,72	11,08	14,00
0,180	2,47	16,81	8,99	5,01
0,125	3,00	7,07	3,78	1,23
0,090	3,47	0,84	0,45	0,78
0,075	3,74	0,03	0,02	0,76
0,063	3,99	0,03	0,02	0,75
< 0,063	> 3,99	1,40	0,75	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,75
Sand, fine (0,063 mm - 0,200 mm):	6,83
Sand, medium (0,2 mm - 0,6 mm):	30,43
Sand, coarse (0,6 mm - 2 mm):	47,29
Gravel (> 2 mm):	14,70
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	2,79	-1,48
16%	84%	1,95	-0,96
25%	75%	1,60	-0,68
40%	60%	1,14	-0,19
Median 50%	50%	0,89	0,17
75%	25%	0,35	1,50
84%	16%	0,27	1,89
90%	10%	0,22	2,19
95%	5%	0,18	2,48

Moments Statistics

Mean	0,37
Sorting	1,31
Skewness	0,19
Kurtosis	0,75
Uniformity Coefficient	5,21

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

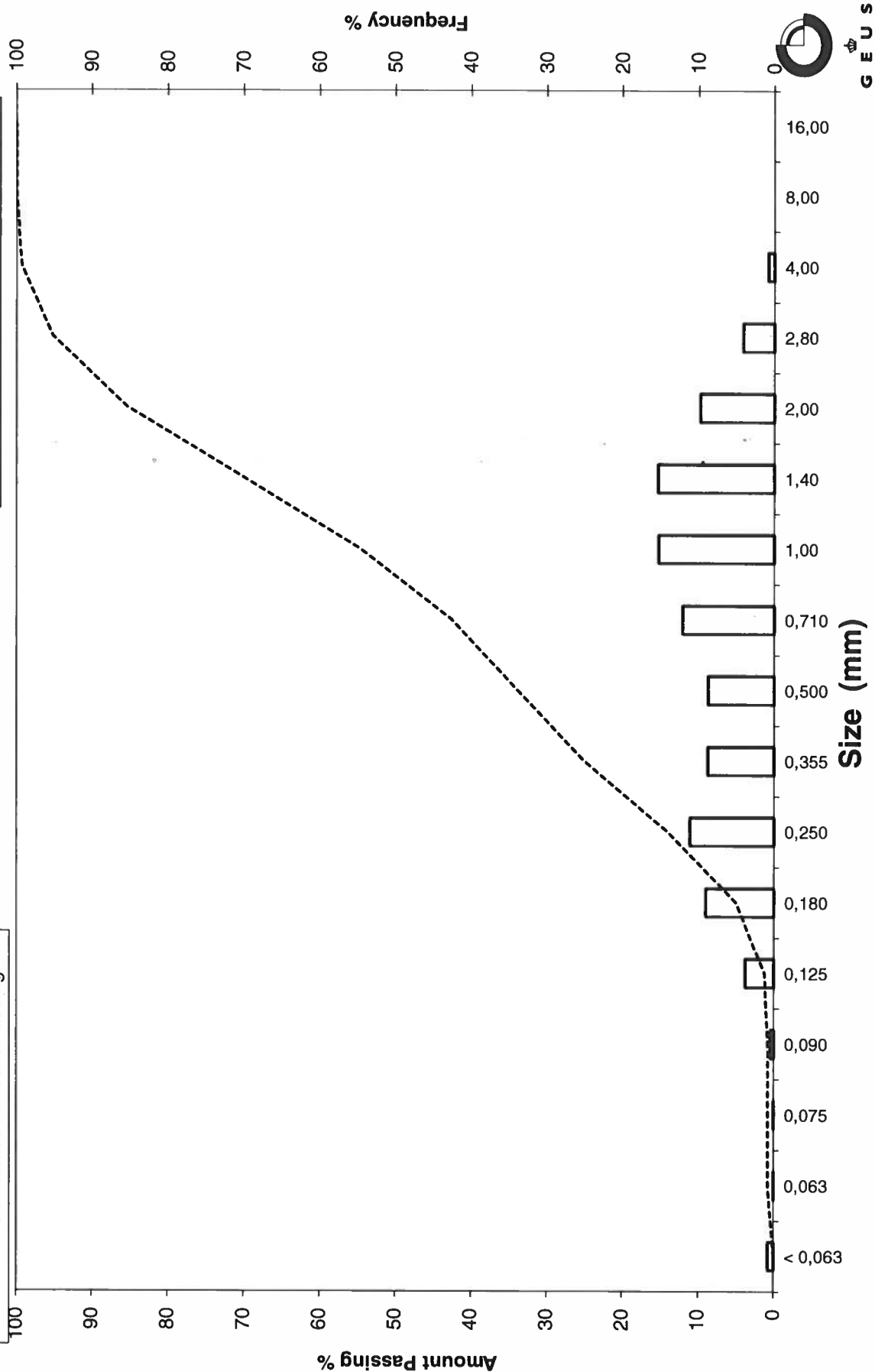
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B20 330-350

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B20 400-450
Lab. Id: 220540
Projekt: Energistyrelsen
Subject: B20
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 94,54 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,03	0,03	99,97
	1,40	-0,49	0,08	0,08	99,88
	1,00	0,00	0,15	0,16	99,72
	0,710	0,49	0,20	0,21	99,51
	0,500	1,00	0,24	0,25	99,26
	0,355	1,49	0,34	0,36	98,90
Sand	0,250	2,00	1,47	1,55	97,35
	0,180	2,47	19,91	21,06	76,29
	0,125	3,00	52,12	55,13	21,16
	0,090	3,47	15,83	16,74	4,41
	0,075	3,74	0,83	0,88	3,53
	0,063	3,99	0,46	0,49	3,05
	< 0,063	> 3,99	2,88	3,05	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	3,05
Sand, fine (0,063 mm - 0,200 mm):	79,26
Sand, medium (0,2 mm - 0,6 mm):	17,08
Sand, coarse (0,6 mm - 2 mm):	0,59
Gravel (> 2 mm):	0,03
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,24	2,05
16%	84%	0,21	2,28
25%	75%	0,18	2,48
40%	60%	0,16	2,61
Median 50%	50%	0,15	2,70
75%	25%	0,13	2,96
84%	16%	0,11	3,13
90%	10%	0,10	3,30
95%	5%	0,09	3,45

Moments Statistics

Mean	2,70
Sorting	0,43
Skewness	0,04
Kurtosis	1,22
Uniformity Coefficient	1,61

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

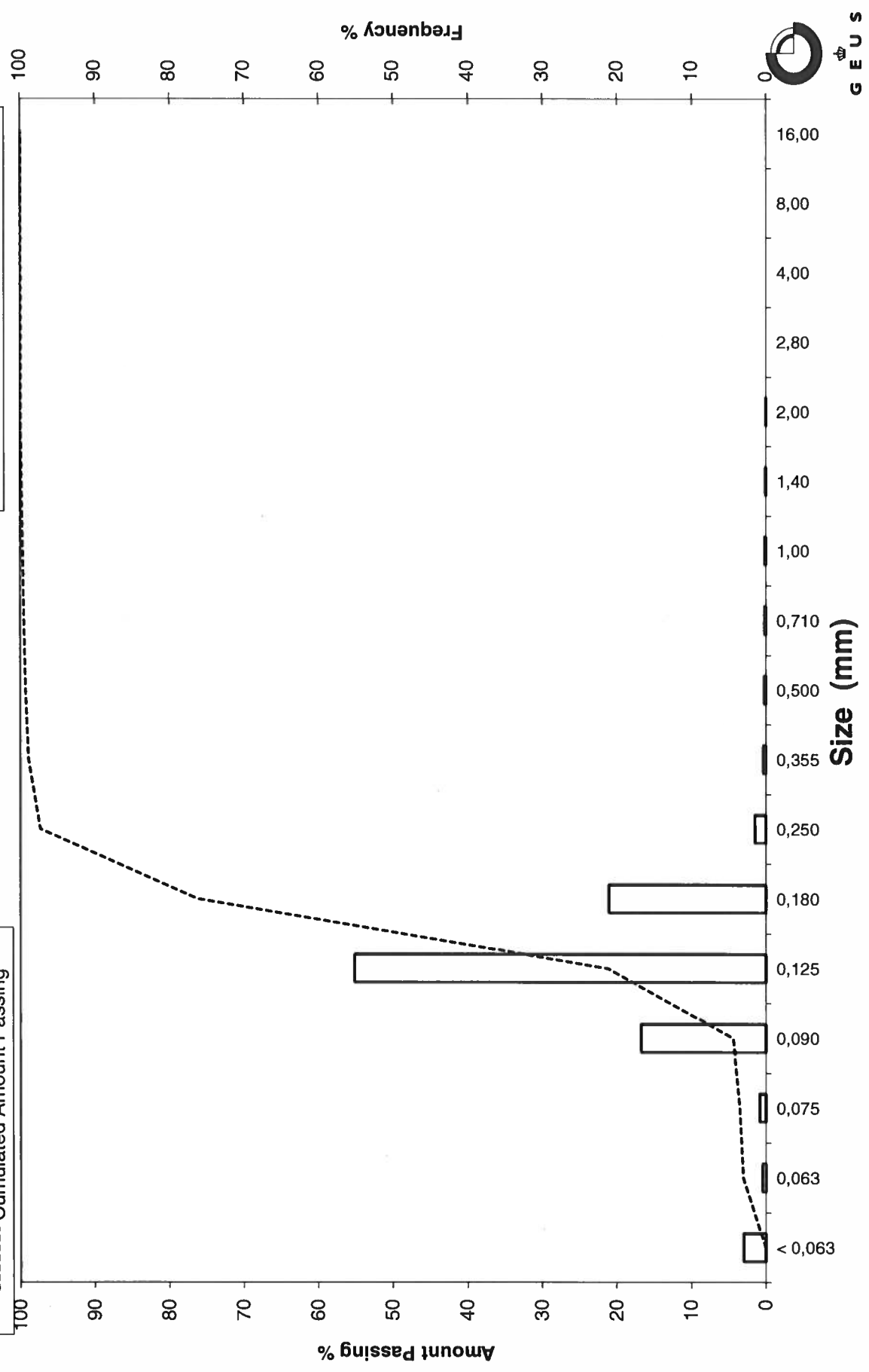
Size Classes and Percentiles are found by linear interpolation

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Grain Size Distribution

Sample Id: B20 400-450

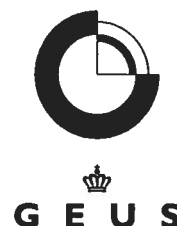
Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B23 0-50
Lab. Id: 220541
Projekt: Energistyrelsen
Subject: B23
Date: 02-09-2022
Executed: PS/CRL
Remarks: >4mm består af skaller



Total Weight 109,62 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,13	0,12	99,88
2,80	-1,49	0,03	0,03	99,85
2,00	-1,00	0,04	0,04	99,82
1,40	-0,49	0,12	0,11	99,71
1,00	0,00	2,28	2,08	97,63
0,710	0,49	6,98	6,37	91,26
0,500	1,00	15,20	13,87	77,39
0,355	1,49	23,18	21,15	56,25
0,250	2,00	37,78	34,46	21,78
0,180	2,47	20,04	18,28	3,50
0,125	3,00	2,73	2,49	1,01
0,090	3,47	0,14	0,13	0,88
0,075	3,74	0,00	0,00	0,88
0,063	3,99	0,00	0,00	0,88
< 0,063	> 3,99	0,97	0,88	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,88
Sand, fine (0,063 mm - 0,200 mm):	7,84
Sand, medium (0,2 mm - 0,6 mm):	75,27
Sand, coarse (0,6 mm - 2 mm):	15,82
Gravel (> 2 mm):	0,18
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,88	0,18
16%	84%	0,60	0,74
25%	75%	0,48	1,05
40%	60%	0,38	1,39
Median 50%	50%	0,34	1,57
75%	25%	0,26	1,94
84%	16%	0,23	2,13
90%	10%	0,20	2,29
95%	5%	0,19	2,43

Moments Statistics

Mean	1,48
Sorting	0,69
Skewness	-0,22
Kurtosis	1,03
Uniformity Coefficient	1,86

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

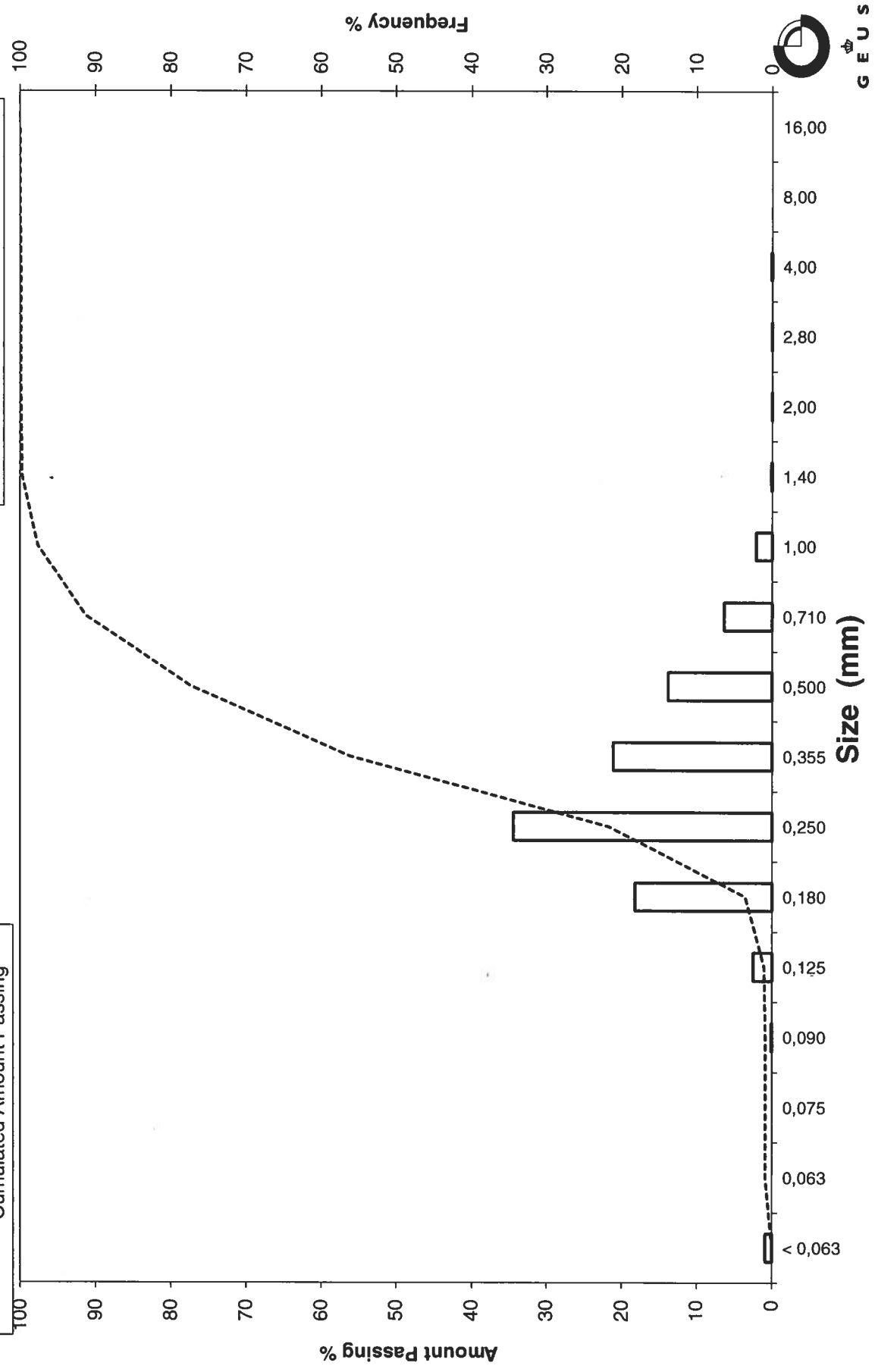
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B23 0-50

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B23 120-170
Lab. Id: 220542
Projekt: Energistyrelsen
Subject: B23
Date: 02-09-2022
Executed: PS/CRL
Remarks: >4mm består af skaller



Total Weight 111,57 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,22	0,20	99,80
2,80	-1,49	0,00	0,00	99,80
2,00	-1,00	0,16	0,14	99,66
1,40	-0,49	0,85	0,76	98,90
1,00	0,00	4,97	4,45	94,44
0,710	0,49	10,05	9,01	85,44
0,500	1,00	12,99	11,64	73,79
0,355	1,49	23,27	20,86	52,94
0,250	2,00	32,01	28,69	24,24
0,180	2,47	22,66	20,31	3,93
0,125	3,00	2,92	2,62	1,32
0,090	3,47	0,26	0,23	1,08
0,075	3,74	0,01	0,01	1,08
0,063	3,99	0,00	0,00	1,08
< 0,063	> 3,99	1,20	1,08	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,08
Sand, fine (0,063 mm - 0,200 mm):	8,66
Sand, medium (0,2 mm - 0,6 mm):	69,60
Sand, coarse (0,6 mm - 2 mm):	20,32
Gravel (> 2 mm):	0,34
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,05	-0,07
16%	84%	0,68	0,55
25%	75%	0,52	0,94
40%	60%	0,40	1,31
Median 50%	50%	0,34	1,54
75%	25%	0,25	1,98
84%	16%	0,22	2,17
90%	10%	0,20	2,32
95%	5%	0,18	2,44

Moments Statistics

Mean	1,42
Sorting	0,79
Skewness	-0,25
Kurtosis	0,99
Uniformity Coefficient	2,01

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

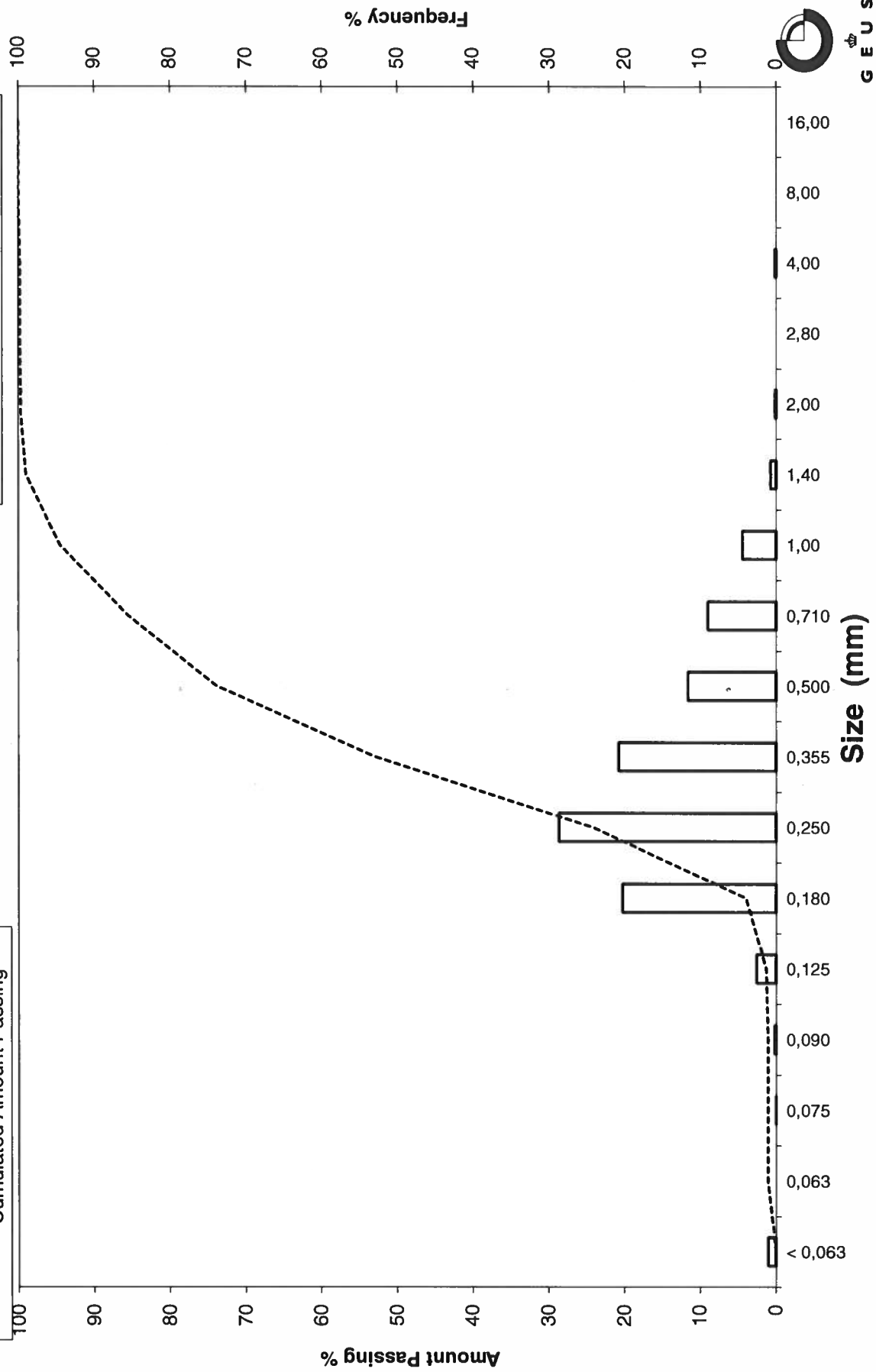
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B23 120-170

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B23 220-270
Lab. Id: 220543
Projekt: Energistyrelsen
Subject: B23
Date: 02-09-2022
Executed: PS/CRL
Remarks: >1,4mm består af skaller



Total Weight 98,39 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,06	0,06	99,94
2,00	-1,00	0,04	0,04	99,90
1,40	-0,49	0,04	0,04	99,86
1,00	0,00	0,22	0,22	99,63
0,710	0,49	0,83	0,84	98,79
0,500	1,00	3,58	3,64	95,15
0,355	1,49	8,27	8,41	86,75
0,250	2,00	23,10	23,48	63,27
0,180	2,47	39,39	40,03	23,23
0,125	3,00	19,86	20,18	3,05
0,090	3,47	1,99	2,02	1,03
0,075	3,74	0,13	0,13	0,89
0,063	3,99	0,03	0,03	0,86
< 0,063	> 3,99	0,85	0,86	0,00

Gravel

Sand

Sieve Analysis

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,86
Sand, fine (0,063 mm - 0,200 mm):	33,81
Sand, medium (0,2 mm - 0,6 mm):	62,21
Sand, coarse (0,6 mm - 2 mm):	3,01
Gravel (> 2 mm):	0,10
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,50	1,01
16%	84%	0,34	1,54
25%	75%	0,30	1,73
40%	60%	0,24	2,03
Median 50%	50%	0,23	2,14
75%	25%	0,18	2,45
84%	16%	0,16	2,64
90%	10%	0,14	2,80
95%	5%	0,13	2,94

Moments Statistics

Mean	2,11
Sorting	0,57
Skewness	-0,13
Kurtosis	1,09
Uniformity Coefficient	1,70

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

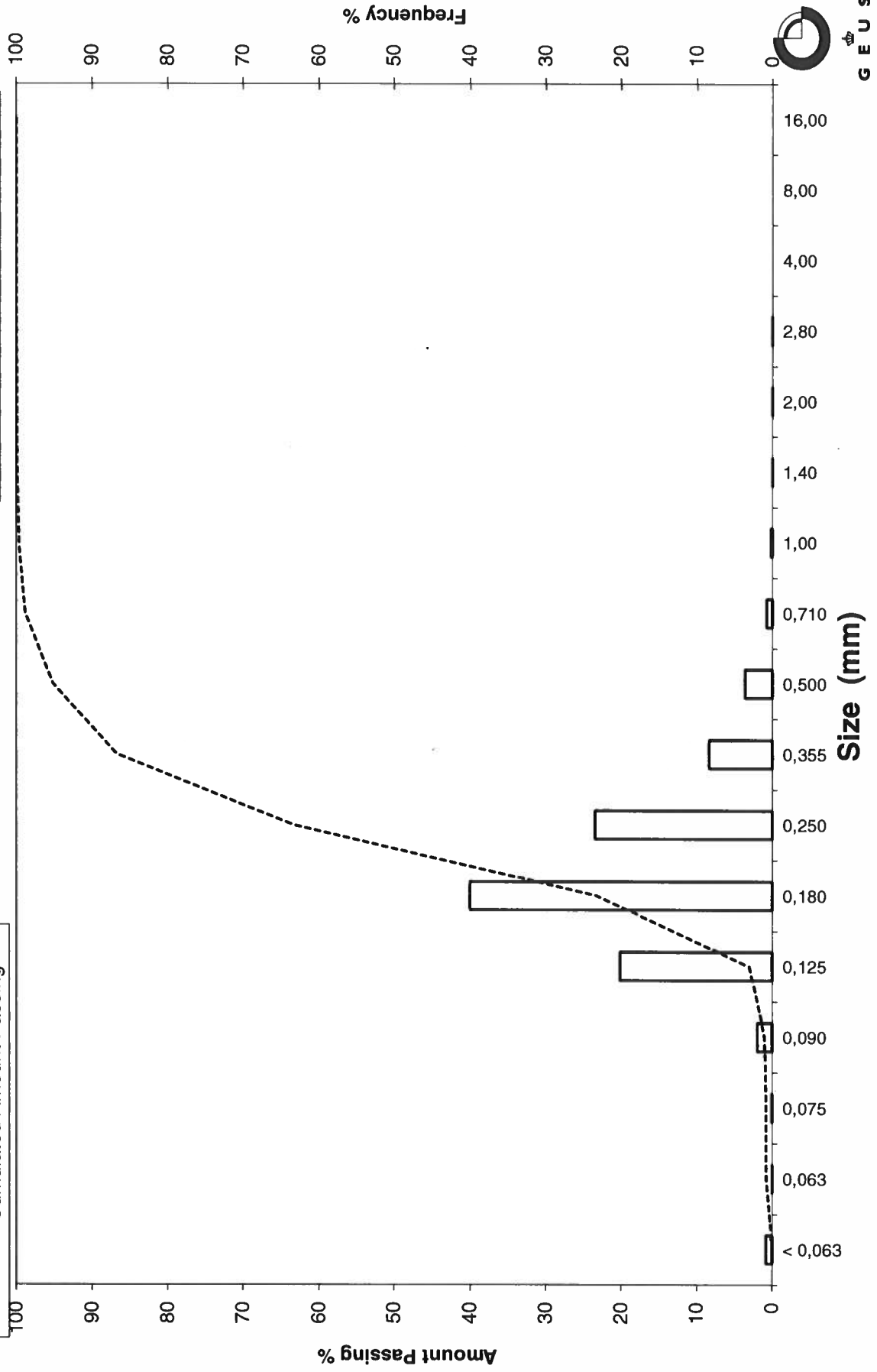
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B23 220-270

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B26 0-50
Lab. Id: 220544
Projekt: Energistyrelsen
Subject: B26
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 164,48 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,57	0,35	99,65
	4,00	-2,00	0,00	0,00	99,65
	2,80	-1,49	0,10	0,06	99,59
	2,00	-1,00	0,19	0,12	99,48
	1,40	-0,49	1,42	0,86	98,61
	1,00	0,00	13,65	8,30	90,31
	0,710	0,49	20,79	12,64	77,68
	0,500	1,00	32,03	19,47	58,20
	0,355	1,49	37,60	22,86	35,34
Sand	0,250	2,00	37,85	23,01	12,33
	0,180	2,47	16,70	10,15	2,18
	0,125	3,00	1,65	1,00	1,17
	0,090	3,47	0,26	0,16	1,02
	0,075	3,74	0,00	0,00	1,02
	0,063	3,99	0,03	0,02	1,00
	< 0,063	> 3,99	1,64	1,00	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,00
Sand, fine (0,063 mm - 0,200 mm):	4,08
Sand, medium (0,2 mm - 0,6 mm):	62,40
Sand, coarse (0,6 mm - 2 mm):	32,00
Gravel (> 2 mm):	0,52
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,23	-0,29
16%	84%	0,86	0,23
25%	75%	0,68	0,55
40%	60%	0,52	0,95
Median 50%	50%	0,45	1,16
75%	25%	0,31	1,70
84%	16%	0,27	1,91
90%	10%	0,23	2,10
95%	5%	0,20	2,33

Moments Statistics

Mean	1,10
Sorting	0,82
Skewness	-0,11
Kurtosis	0,94
Uniformity Coefficient	2,22

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

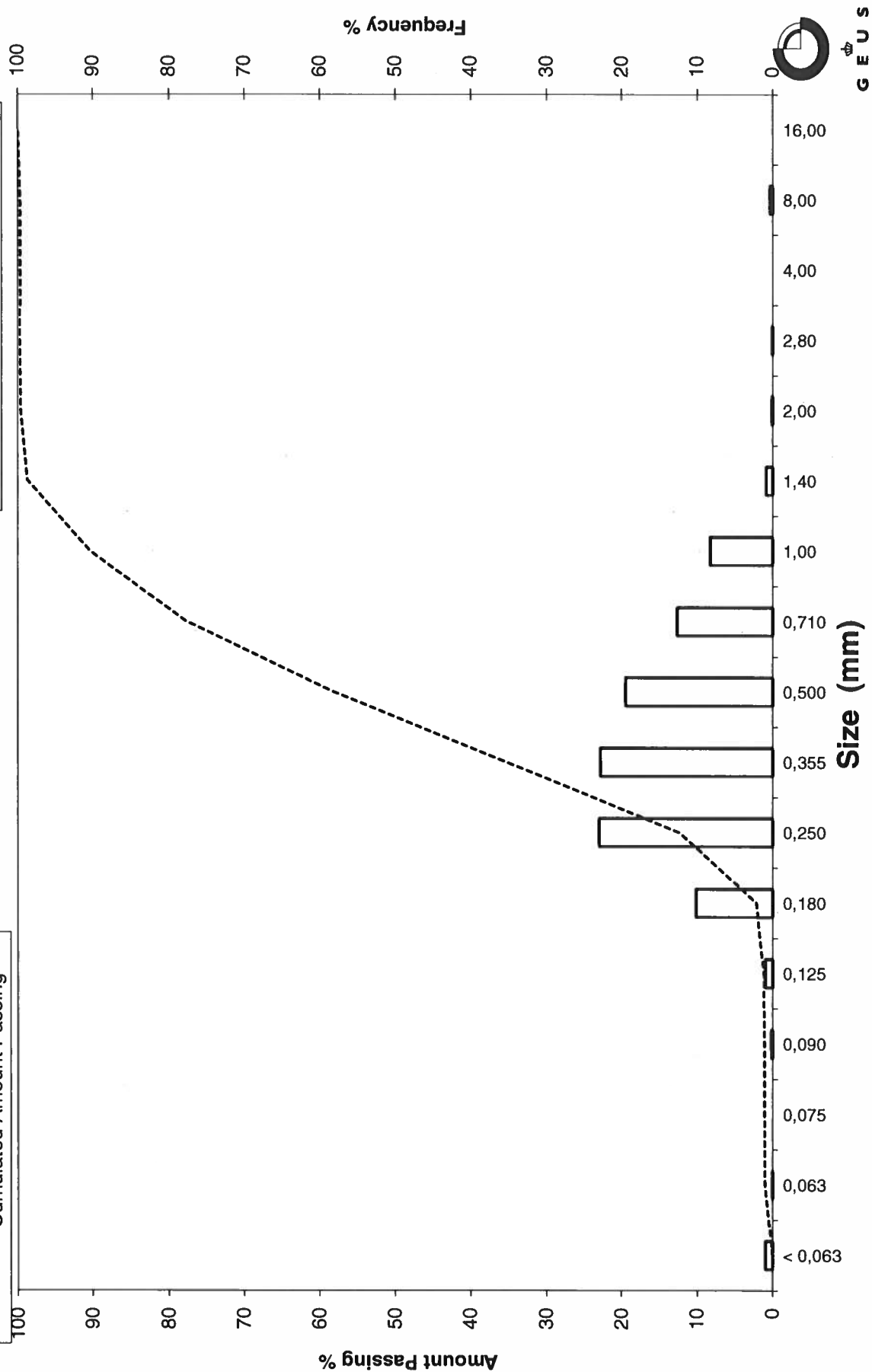
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B26 0-50

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B26 140-190
Lab. Id: 220545
Projekt: Energistyrelsen
Subject: B26
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 127,62 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,53	0,42	99,58
2,00	-1,00	1,55	1,21	98,37
1,40	-0,49	4,02	3,15	95,22
1,00	0,00	6,75	5,29	89,93
0,710	0,49	4,38	3,43	86,50
0,500	1,00	10,68	8,37	78,13
0,355	1,49	21,47	16,82	61,31
0,250	2,00	40,67	31,87	29,44
0,180	2,47	27,72	21,72	7,72
0,125	3,00	8,20	6,43	1,29
0,090	3,47	0,46	0,36	0,93
0,075	3,74	0,03	0,02	0,91
0,063	3,99	0,03	0,02	0,89
< 0,063	> 3,99	1,13	0,89	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,89
Sand, fine (0,063 mm - 0,200 mm):	13,04
Sand, medium (0,2 mm - 0,6 mm):	68,19
Sand, coarse (0,6 mm - 2 mm):	16,25
Gravel (> 2 mm):	1,63
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,38	-0,47
16%	84%	0,65	0,63
25%	75%	0,47	1,08
40%	60%	0,35	1,51
Median 50%	50%	0,32	1,65
75%	25%	0,24	2,09
84%	16%	0,21	2,27
90%	10%	0,19	2,42
95%	5%	0,16	2,67

Moments Statistics

Mean	1,52
Sorting	0,89
Skewness	-0,30
Kurtosis	1,28
Uniformity Coefficient	1,87

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

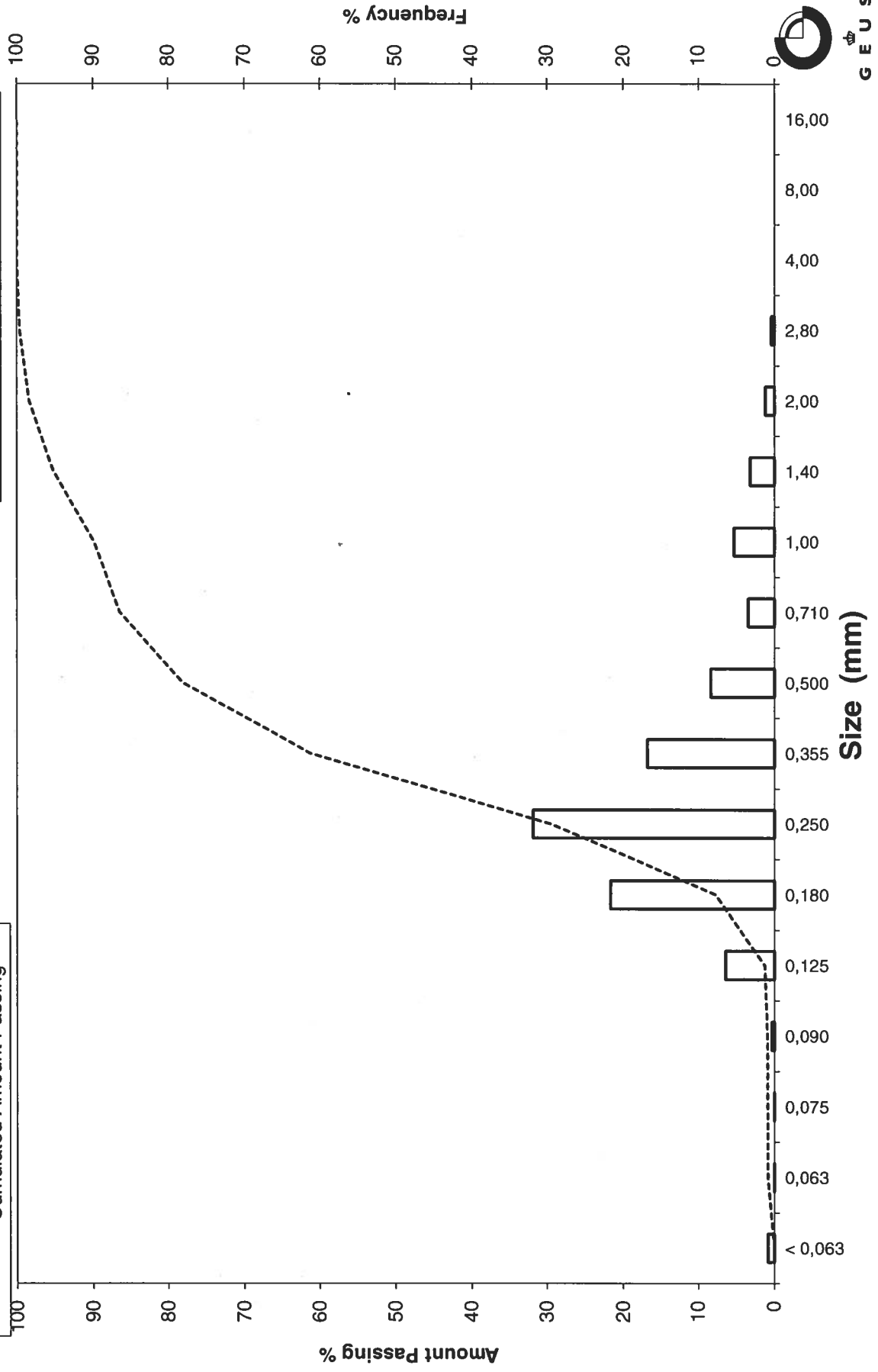
Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

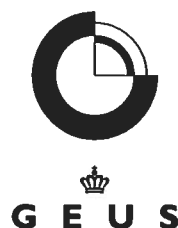
Sample Id: B26 140-190



Grain Size Distribution

Geotechnical

Sample Id: B26 295-345
Lab. Id: 220546
Projekt: Energistyrelsen
Subject: B26
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 90,84 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,00	0,00	100,00
1,00	0,00	0,13	0,14	99,86
0,710	0,49	0,33	0,36	99,49
0,500	1,00	0,41	0,45	99,04
0,355	1,49	1,01	1,11	97,93
0,250	2,00	2,38	2,62	95,31
0,180	2,47	25,35	27,91	67,40
0,125	3,00	49,66	54,67	12,74
0,090	3,47	9,63	10,60	2,14
0,075	3,74	0,48	0,53	1,61
0,063	3,99	0,23	0,25	1,35
< 0,063	> 3,99	1,23	1,35	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,35
Sand, fine (0,063 mm - 0,200 mm):	74,02
Sand, medium (0,2 mm - 0,6 mm):	23,88
Sand, coarse (0,6 mm - 2 mm):	0,74
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,25	2,00
16%	84%	0,22	2,17
25%	75%	0,20	2,33
40%	60%	0,17	2,53
Median 50%	50%	0,16	2,62
75%	25%	0,14	2,86
84%	16%	0,13	2,96
90%	10%	0,12	3,11
95%	5%	0,10	3,33

Moments Statistics

Mean	2,59
Sorting	0,40
Skewness	-0,03
Kurtosis	1,01
Uniformity Coefficient	1,49

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

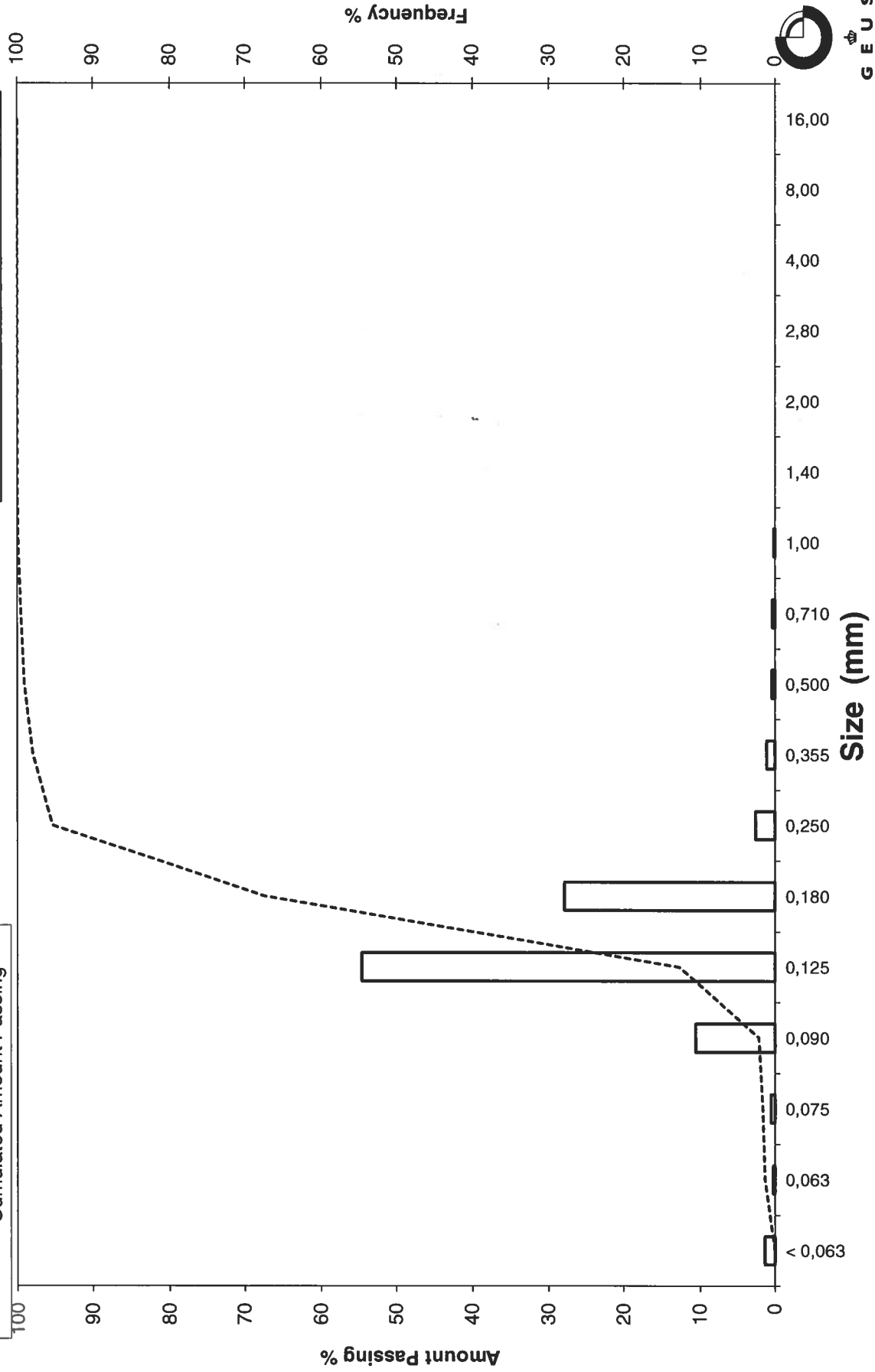
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B26 295-345

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B28 40-76
Lab. Id: 220547
Projekt: Energistyrrelsen
Subject: B28
Date: 02-09-2022
Executed: PS/CRL
Remarks: >8mm består af skaller



Total Weight 181,44 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	1,08	0,60	99,40
4,00	-2,00	0,00	0,00	99,40
2,80	-1,49	0,28	0,15	99,25
2,00	-1,00	3,97	2,19	97,06
1,40	-0,49	22,29	12,29	84,78
1,00	0,00	34,70	19,12	65,65
0,710	0,49	24,88	13,71	51,94
0,500	1,00	22,77	12,55	39,39
0,355	1,49	24,78	13,66	25,73
0,250	2,00	27,02	14,89	10,84
0,180	2,47	14,65	8,07	2,77
0,125	3,00	3,72	2,05	0,72
0,090	3,47	0,26	0,14	0,57
0,075	3,74	0,03	0,02	0,56
0,063	3,99	0,00	0,00	0,56
< 0,063	> 3,99	1,01	0,56	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,56
Sand, fine (0,063 mm - 0,200 mm):	4,52
Sand, medium (0,2 mm - 0,6 mm):	40,29
Sand, coarse (0,6 mm - 2 mm):	51,70
Gravel (> 2 mm):	2,94
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,90	-0,93
16%	84%	1,38	-0,47
25%	75%	1,20	-0,26
40%	60%	0,88	0,18
Median 50%	50%	0,68	0,56
75%	25%	0,35	1,52
84%	16%	0,29	1,80
90%	10%	0,24	2,04
95%	5%	0,20	2,33

Moments Statistics

Mean	0,63
Sorting	1,06
Skewness	0,09
Kurtosis	0,75
Uniformity Coefficient	3,63

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

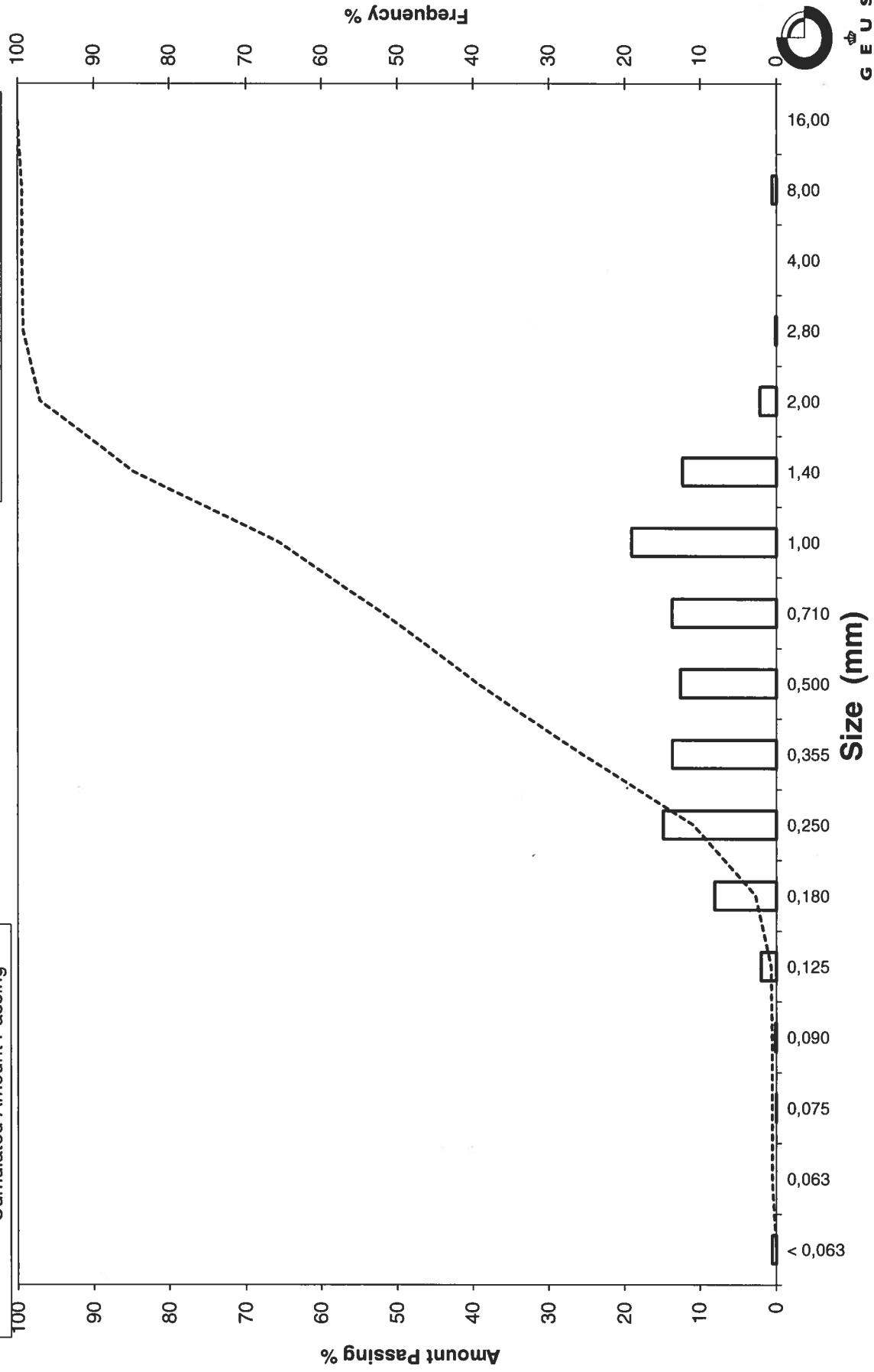
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B28 40-76

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B28 90-140
Lab. Id: 220548
Projekt: Energistyrelsen
Subject: B28
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 107,91 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,04	0,04	99,96
1,40	-0,49	0,03	0,03	99,94
1,00	0,00	0,29	0,27	99,67
0,710	0,49	0,80	0,74	98,93
0,500	1,00	2,42	2,24	96,68
0,355	1,49	16,61	15,39	81,29
0,250	2,00	43,86	40,64	40,64
0,180	2,47	34,98	32,42	8,23
0,125	3,00	6,48	6,01	2,22
0,090	3,47	0,53	0,49	1,73
0,075	3,74	0,04	0,04	1,70
0,063	3,99	0,21	0,19	1,50
< 0,063	> 3,99	1,62	1,50	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,50
Sand, fine (0,063 mm - 0,200 mm):	15,99
Sand, medium (0,2 mm - 0,6 mm):	80,26
Sand, coarse (0,6 mm - 2 mm):	2,21
Gravel (> 2 mm):	0,04
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,48	1,05
16%	84%	0,38	1,39
25%	75%	0,34	1,56
40%	60%	0,30	1,74
Median 50%	50%	0,27	1,87
75%	25%	0,22	2,21
84%	16%	0,20	2,35
90%	10%	0,18	2,44
95%	5%	0,15	2,73

Moments Statistics

Mean	1,87
Sorting	0,49
Skewness	0,02
Kurtosis	1,07
Uniformity Coefficient	1,63

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

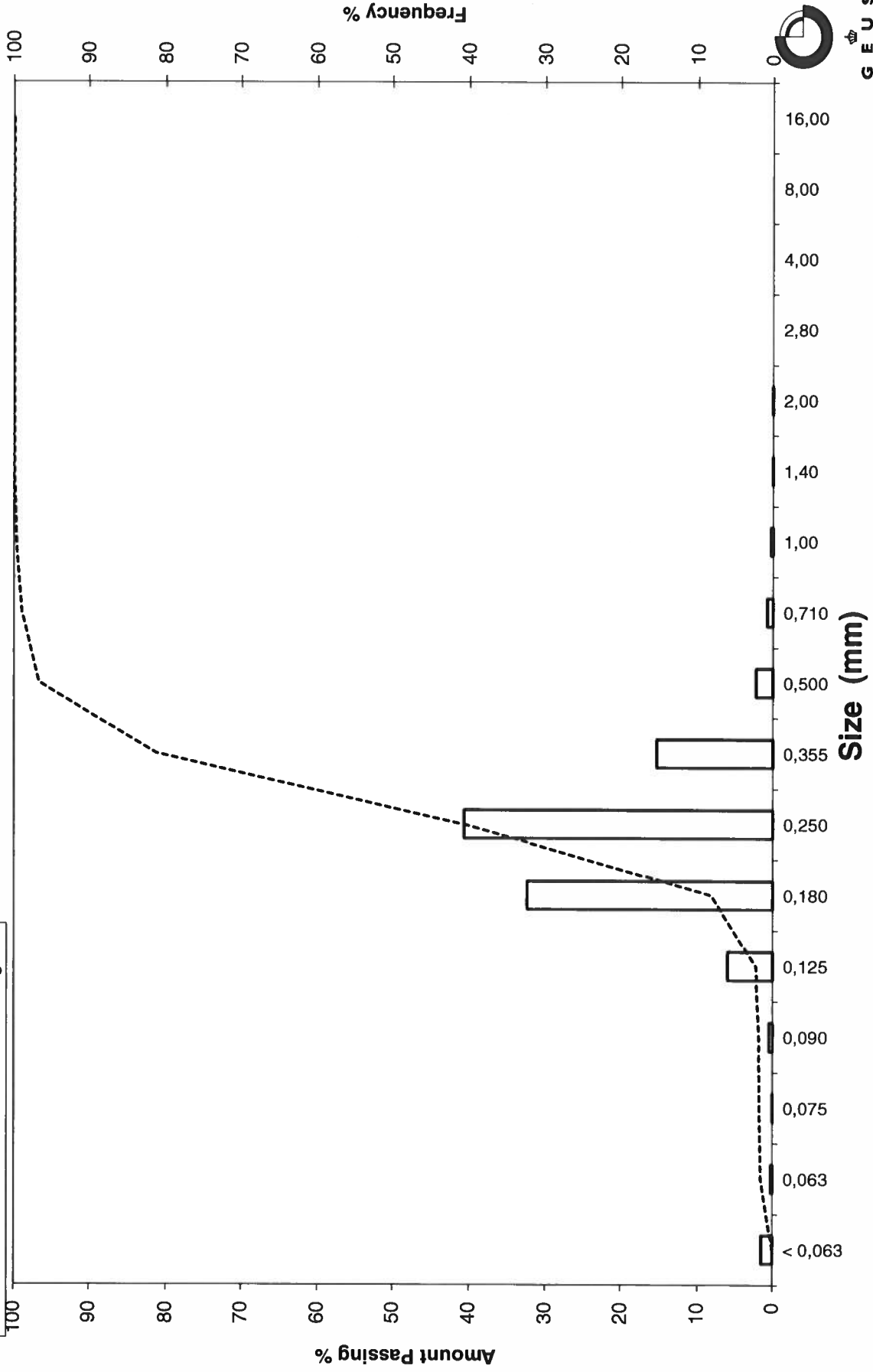
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B28 90-140

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B28 212-256
Lab. Id: 220549
Projekt Energistyrelsen
Subject: B28
Date: 02-09-2022
Executed: PS/CRL
Remarks: >8mm heraf 2g skaller



Total Weight 379,35 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	13,15	3,47	96,53
8,00	-3,00	9,08	2,39	94,14
4,00	-2,00	51,32	13,53	80,61
2,80	-1,49	70,18	18,50	62,11
2,00	-1,00	45,30	11,94	50,17
1,40	-0,49	10,47	2,76	47,41
1,00	0,00	3,49	0,92	46,49
0,710	0,49	4,05	1,07	45,42
0,500	1,00	7,39	1,95	43,47
0,355	1,49	24,57	6,48	37,00
0,250	2,00	67,46	17,78	19,21
0,180	2,47	53,83	14,19	5,02
0,125	3,00	15,56	4,10	0,92
0,090	3,47	1,06	0,28	0,64
0,075	3,74	0,17	0,04	0,60
0,063	3,99	0,15	0,04	0,56
< 0,063	> 3,99	2,12	0,56	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,56
Sand, fine (0,063 mm - 0,200 mm):	8,52
Sand, medium (0,2 mm - 0,6 mm):	35,32
Sand, coarse (0,6 mm - 2 mm):	5,77
Gravel (> 2 mm):	49,83
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	10,87	-3,44
16%	84%	5,00	-2,32
25%	75%	3,64	-1,86
40%	60%	2,66	-1,41
Median 50%	50%	1,96	-0,97
75%	25%	0,28	1,82
84%	16%	0,23	2,09
90%	10%	0,20	2,29
95%	5%	0,18	2,48

Moments Statistics

Mean	-0,40
Sorting	2,00
Skewness	0,28
Kurtosis	0,66
Uniformity Coefficient	13,00

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

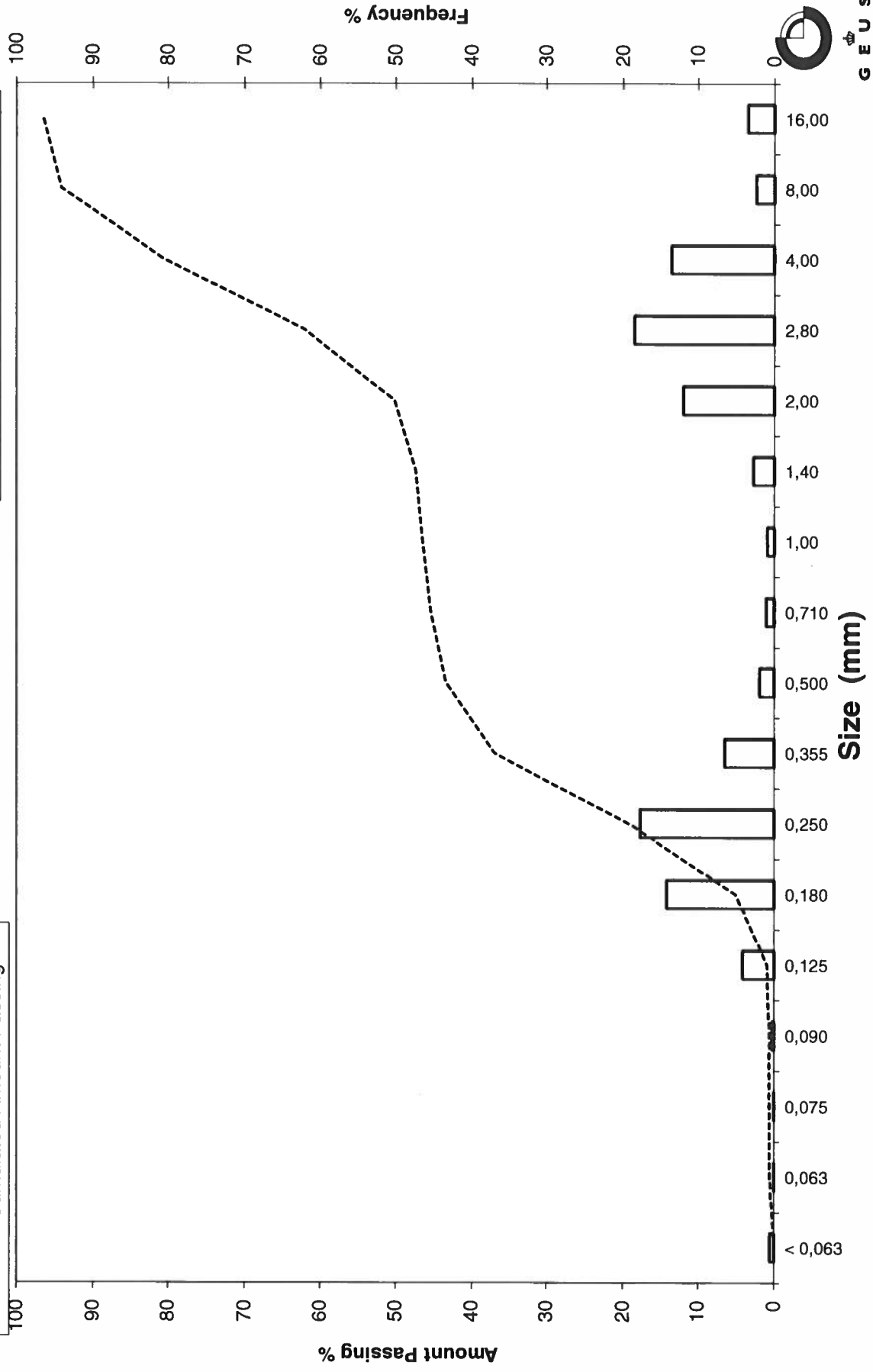
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B28 212-256

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B28 310-360
Lab. Id: 220550
Projekt: Energistyrelsen
Subject: B28
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 91,57 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,00	0,00	100,00
1,00	0,00	0,00	0,00	100,00
0,710	0,49	0,01	0,01	99,99
0,500	1,00	0,07	0,08	99,91
0,355	1,49	0,34	0,37	99,54
0,250	2,00	2,95	3,22	96,32
0,180	2,47	19,30	21,08	75,24
0,125	3,00	47,28	51,63	23,61
0,090	3,47	15,88	17,34	6,27
0,075	3,74	0,81	0,88	5,38
0,063	3,99	0,47	0,51	4,87
< 0,063	> 3,99	4,46	4,87	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	4,87
Sand, fine (0,063 mm - 0,200 mm):	76,39
Sand, medium (0,2 mm - 0,6 mm):	18,68
Sand, coarse (0,6 mm - 2 mm):	0,05
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,25	2,03
16%	84%	0,21	2,26
25%	75%	0,18	2,48
40%	60%	0,16	2,61
Median 50%	50%	0,15	2,71
75%	25%	0,13	2,98
84%	16%	0,11	3,19
90%	10%	0,10	3,36
95%	5%	0,07	3,92

Moments Statistics

Mean	2,72
Sorting	0,52
Skewness	0,16
Kurtosis	1,53
Uniformity Coefficient	1,68

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

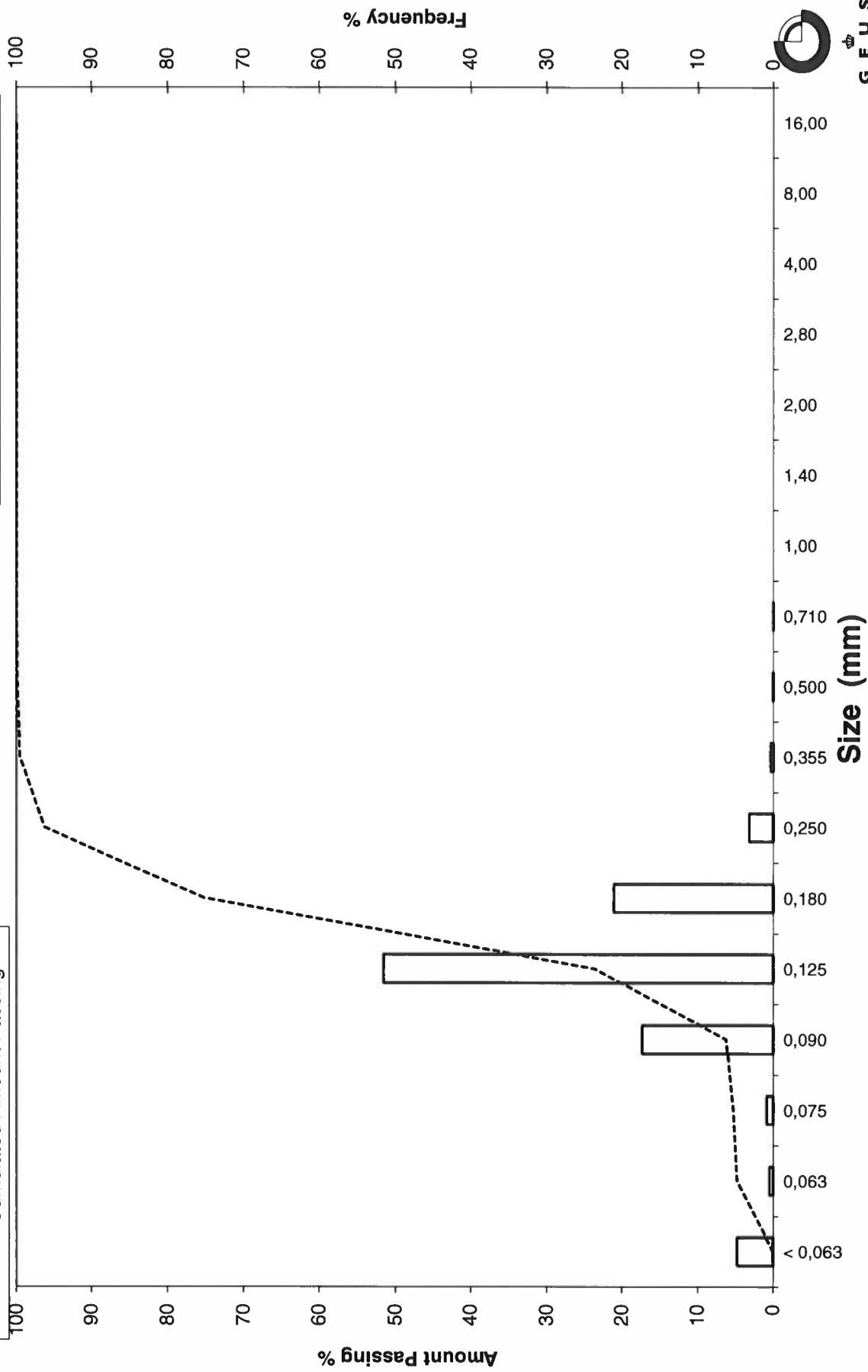
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B28 310-360

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B29 0-50
Lab. Id: 220551
Projekt Energistyrelsen
Subject: B29
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 104,68 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,22	0,21	99,79
1,40	-0,49	1,47	1,40	98,39
1,00	0,00	10,51	10,04	88,35
0,710	0,49	17,08	16,32	72,03
0,500	1,00	22,59	21,58	50,45
0,355	1,49	20,95	20,01	30,44
0,250	2,00	21,61	20,64	9,79
0,180	2,47	8,03	7,67	2,12
0,125	3,00	1,09	1,04	1,08
0,090	3,47	0,05	0,05	1,03
0,075	3,74	0,00	0,00	1,03
0,063	3,99	0,00	0,00	1,03
< 0,063	> 3,99	1,08	1,03	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,03
Sand, fine (0,063 mm - 0,200 mm):	3,28
Sand, medium (0,2 mm - 0,6 mm):	56,41
Sand, coarse (0,6 mm - 2 mm):	39,06
Gravel (> 2 mm):	0,21
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,27	-0,34
16%	84%	0,92	0,12
25%	75%	0,76	0,39
40%	60%	0,59	0,75
Median 50%	50%	0,50	1,01
75%	25%	0,33	1,61
84%	16%	0,28	1,83
90%	10%	0,25	1,99
95%	5%	0,21	2,28

Moments Statistics

Mean	0,98
Sorting	0,82
Skewness	-0,04
Kurtosis	0,88
Uniformity Coefficient	2,36

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

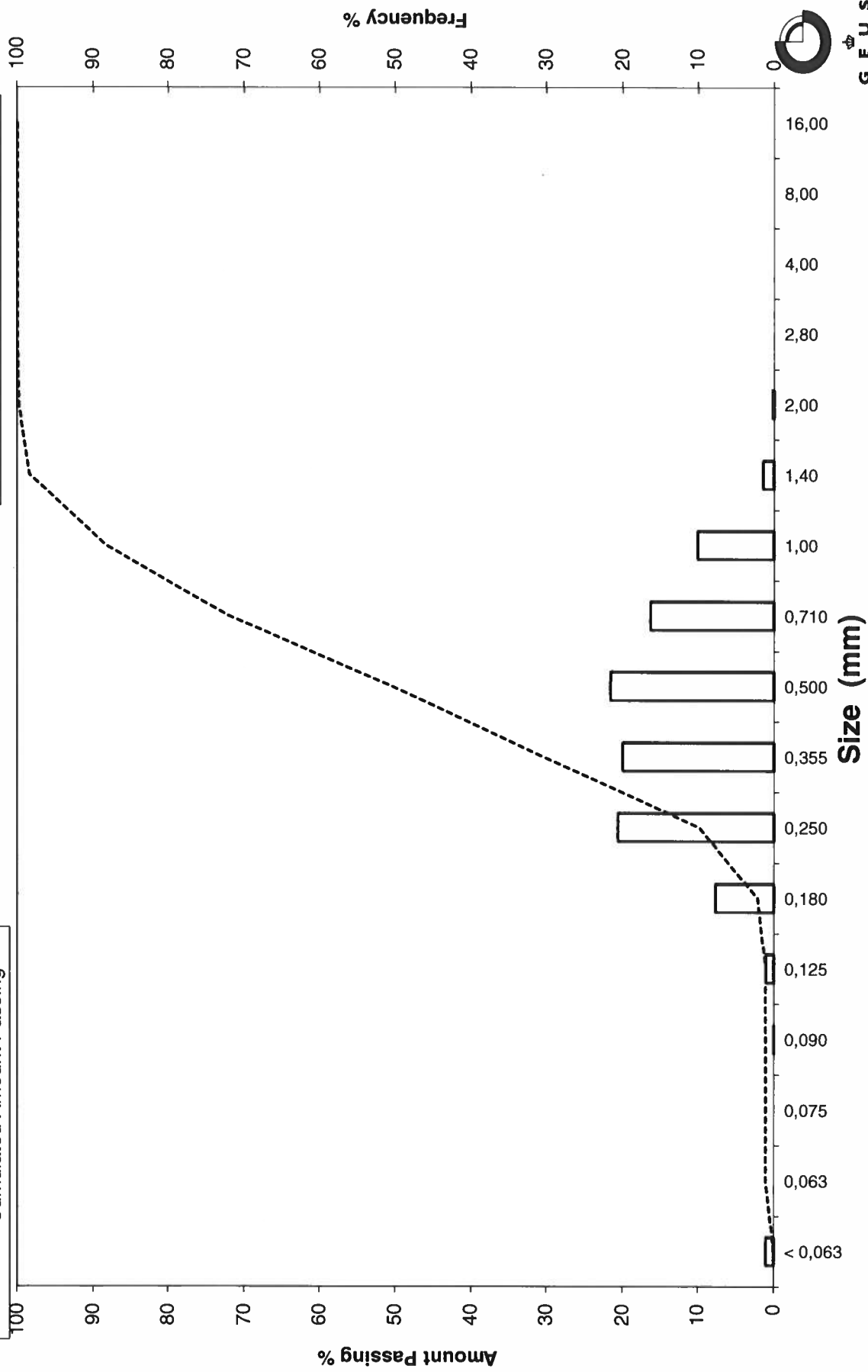
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B29 0-50

Frequency Percent
Cumulated Amount Passing



G E U S

Grain Size Distribution

Geotechnical

Sample Id: B29 100-150
Lab. Id: 220552
Projekt: Energistyrrelsen
Subject: B29
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 115,25 g

Size Fractions

Sieve Analysis									
	Gravel								
Size	mm	Size	Φ	Weight	g	Weight	%	Cumulated amount passing	%
	16,00		-4,00		0,00		0,00		100,00
	8,00		-3,00		0,00		0,00		100,00
	4,00		-2,00		0,00		0,00		100,00
	2,80		-1,49		0,14		0,12		99,88
	2,00		-1,00		0,61		0,53		99,35
	1,40		-0,49		3,30		2,86		96,49
	1,00		0,00		9,40		8,16		88,33
	0,710		0,49		16,35		14,19		74,14
	0,500		1,00		18,46		16,02		58,13
	0,355		1,49		23,23		20,16		37,97
	0,250		2,00		28,35		24,60		13,37
	0,180		2,47		12,84		11,14		2,23
	0,125		3,00		1,03		0,89		1,34
	0,090		3,47		0,10		0,09		1,25
	0,075		3,74		0,00		0,00		1,25
	0,063		3,99		0,00		0,00		1,25
	< 0.063		> 3.99		1.44		1.25		0.00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,25
Sand, fine (0,063 mm - 0,200 mm):	4,16
Sand, medium (0,2 mm - 0,6 mm):	60,34
Sand, coarse (0,6 mm - 2 mm):	33,60
Gravel (> 2 mm):	0,65
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,33	-0,41
16%	84%	0,91	0,13
25%	75%	0,73	0,46
40%	60%	0,52	0,93
Median 50%	50%	0,44	1,18
75%	25%	0,30	1,74
84%	16%	0,26	1,94
90%	10%	0,23	2,13
95%	5%	0,20	2,34

Moments Statistics

Mean	1,08
Sorting	0,87
Skewness	-0,16
Kurtosis	0,88
Uniformity Coefficient	2,29

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

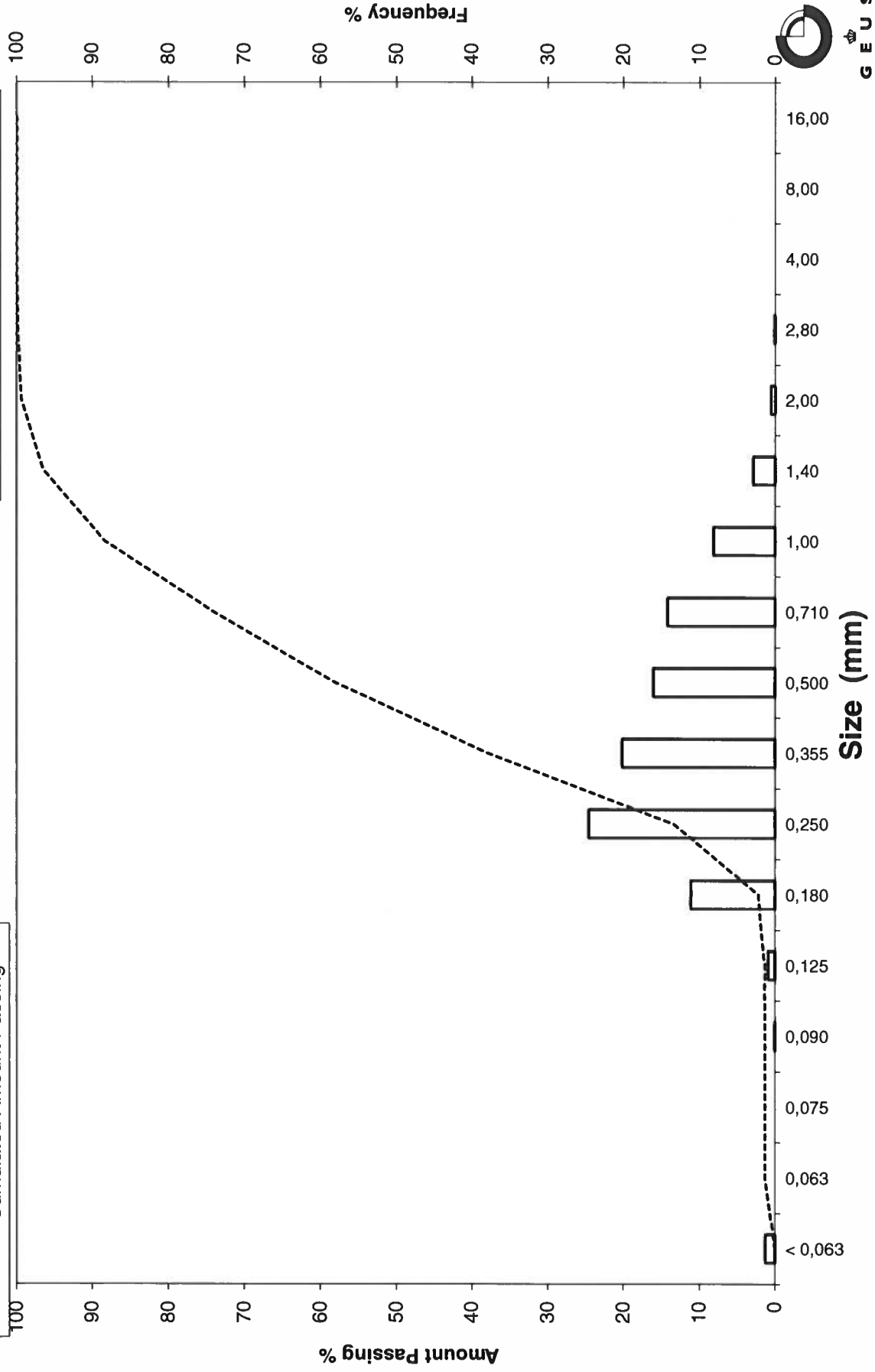
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B29 100-150

Frequency Percent
Cumulated Amount Passing



G E U S

Grain Size Distribution

Geotechnical

Sample Id: B29 200-250
Lab. Id: 220553
Projekt: Energistyrrelsen
Subject: B29
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 104,47 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,10	0,10	99,90
1,00	0,00	0,48	0,46	99,44
0,710	0,49	0,87	0,83	98,61
0,500	1,00	2,25	2,15	96,46
0,355	1,49	3,45	3,30	93,16
0,250	2,00	9,90	9,48	83,68
0,180	2,47	33,47	32,04	51,64
0,125	3,00	37,41	35,81	15,83
0,090	3,47	11,23	10,75	5,08
0,075	3,74	0,82	0,78	4,30
0,063	3,99	0,35	0,34	3,96
< 0,063	> 3,99	4,14	3,96	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	3,96
Sand, fine (0,063 mm - 0,200 mm):	56,83
Sand, medium (0,2 mm - 0,6 mm):	36,69
Sand, coarse (0,6 mm - 2 mm):	2,52
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,44	1,20
16%	84%	0,25	1,98
25%	75%	0,23	2,11
40%	60%	0,20	2,33
Median 50%	50%	0,18	2,49
75%	25%	0,14	2,85
84%	16%	0,13	3,00
90%	10%	0,11	3,24
95%	5%	0,09	3,50

Moments Statistics

Mean	2,49
Sorting	0,60
Skewness	-0,07
Kurtosis	1,29
Uniformity Coefficient	1,87

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

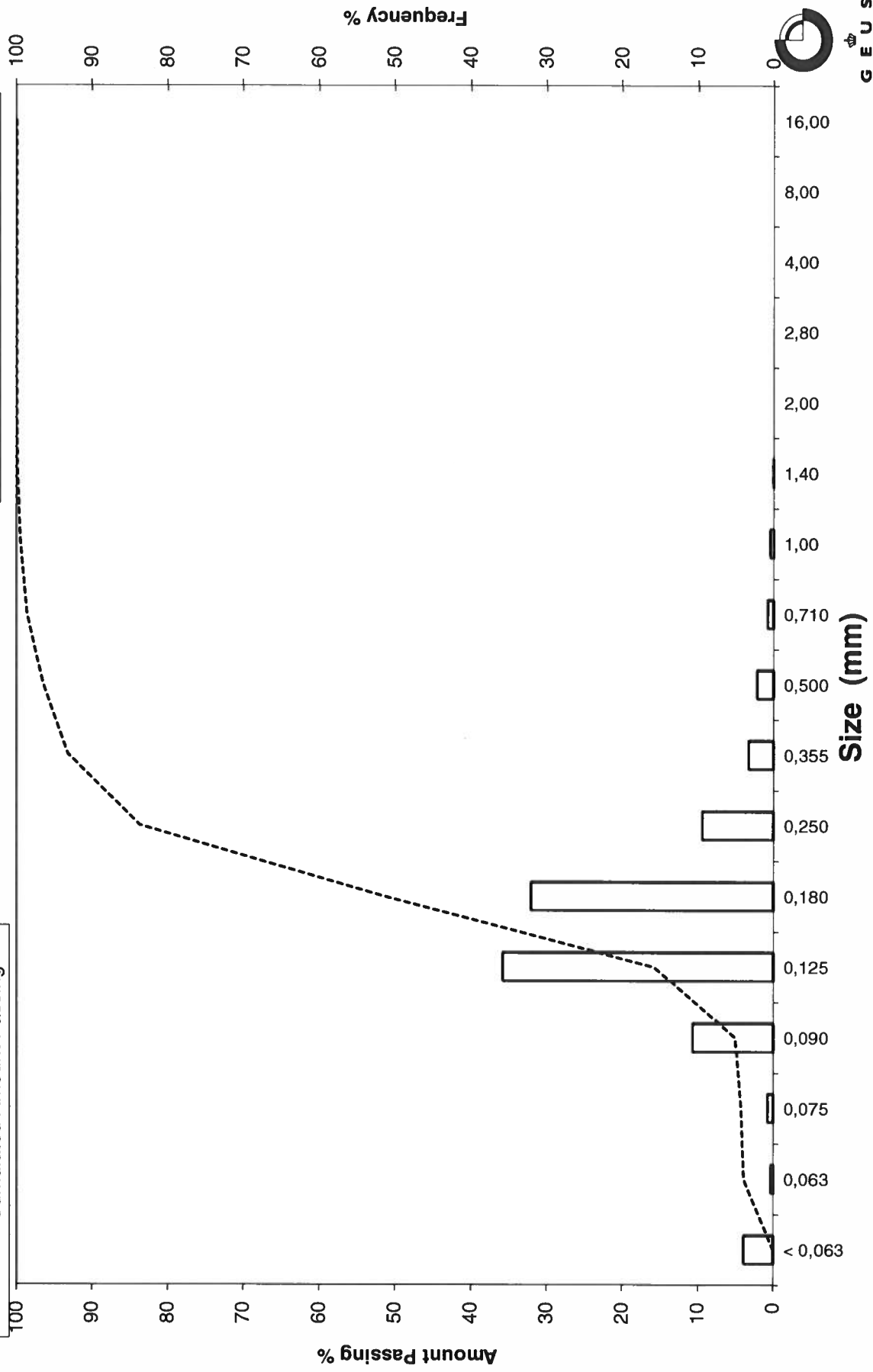
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B29 200-250

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: B29 312-362
Lab. Id: 220554
Projekt Energistyrelsen
Subject: B29
Date: 02-09-2022
Executed: PS/CRL
Remarks:



Total Weight 95,48 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,08	0,08	99,92
1,40	-0,49	0,17	0,18	99,74
1,00	0,00	0,73	0,76	98,97
0,710	0,49	1,96	2,05	96,92
0,500	1,00	4,87	5,10	91,82
0,355	1,49	4,92	5,15	86,67
0,250	2,00	4,11	4,30	82,36
0,180	2,47	18,90	19,79	62,57
0,125	3,00	43,63	45,70	16,87
0,090	3,47	14,36	15,04	1,83
0,075	3,74	0,31	0,32	1,51
0,063	3,99	0,12	0,13	1,38
< 0,063	> 3,99	1,32	1,38	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,38
Sand, fine (0,063 mm - 0,200 mm):	66,84
Sand, medium (0,2 mm - 0,6 mm):	26,03
Sand, coarse (0,6 mm - 2 mm):	5,67
Gravel (> 2 mm):	0,08
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,63	0,66
16%	84%	0,29	1,79
25%	75%	0,22	2,16
40%	60%	0,18	2,50
Median 50%	50%	0,16	2,60
75%	25%	0,13	2,89
84%	16%	0,12	3,02
90%	10%	0,11	3,20
95%	5%	0,10	3,36

Moments Statistics

Mean	2,47
Sorting	0,72
Skewness	-0,38
Kurtosis	1,51
Uniformity Coefficient	1,62

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

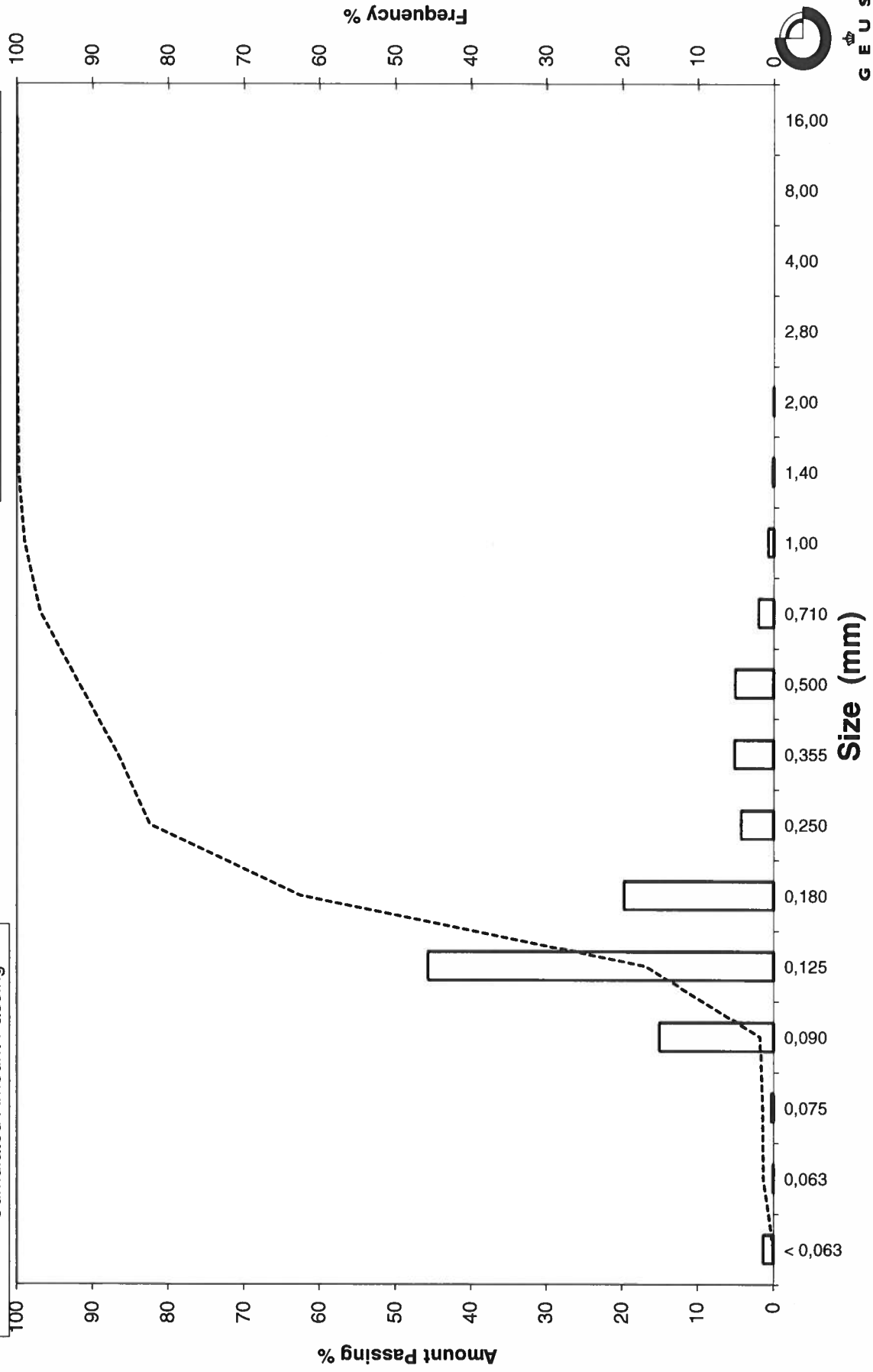
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: B29 312-362

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: C3 0-100
Lab. Id: 220492
Projekt: Energistyrrelsen
Subject: C3
Date: 13-06-2022
Executed: PS/CRL
Remarks: > 4mm består af skallerr



Total Weight 101,44 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Sieve Analysis	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,03	0,03	99,97
	2,80	-1,49	0,00	0,00	99,97
	2,00	-1,00	0,00	0,00	99,97
	1,40	-0,49	0,00	0,00	99,97
	1,00	0,00	0,04	0,04	99,93
	0,710	0,49	0,20	0,20	99,73
	0,500	1,00	0,78	0,77	98,96
	0,355	1,49	3,67	3,62	95,35
	0,250	2,00	8,68	8,56	86,79
	0,180	2,47	28,14	27,74	59,05
	0,125	3,00	40,90	40,32	18,73
	0,090	3,47	13,69	13,50	5,23
	0,075	3,74	1,84	1,81	3,42
	0,063	3,99	1,21	1,19	2,23
	< 0,063	> 3,99	2,26	2,23	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	2,23
Sand, fine (0,063 mm - 0,200 mm):	64,75
Sand, medium (0,2 mm - 0,6 mm):	32,36
Sand, coarse (0,6 mm - 2 mm):	0,64
Gravel (> 2 mm):	0,03
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,35	1,51
16%	84%	0,24	2,04
25%	75%	0,22	2,18
40%	60%	0,18	2,45
Median 50%	50%	0,17	2,58
75%	25%	0,13	2,90
84%	16%	0,12	3,08
90%	10%	0,10	3,29
95%	5%	0,09	3,51

Moments Statistics

Mean	2,57
Sorting	0,56
Skewness	-0,05
Kurtosis	1,13
Uniformity Coefficient	1,78

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgt-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

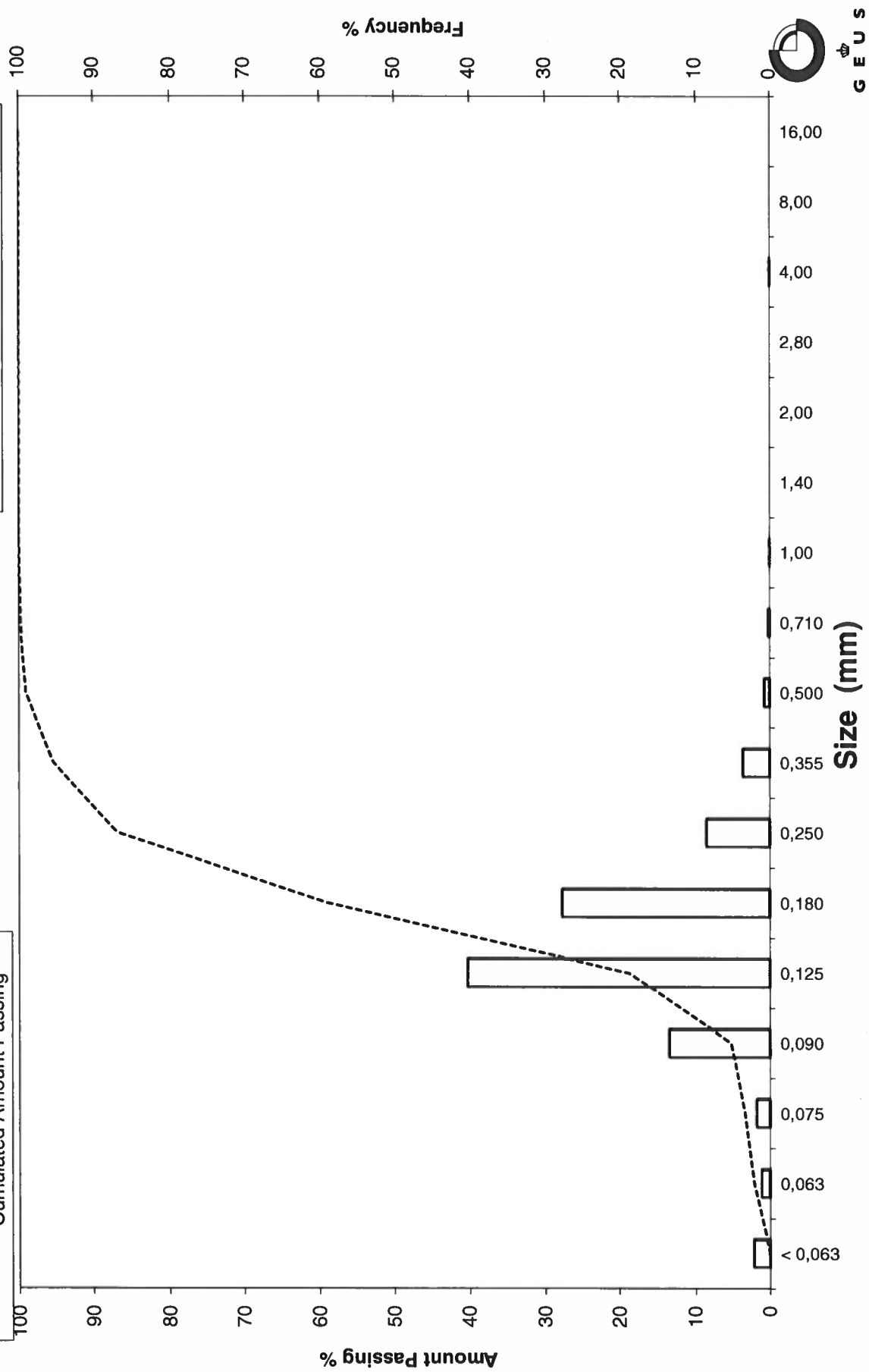
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Grain Size Distribution

Sample Id: C3 0-100

Frequency Percent
Cumulated Amount Passing

Amount Passing %



Grain Size Distribution

Geotechnical

Sample Id: C3 100-200
Lab. Id: 220493
Projekt: Energistyrrelsen
Subject: C3
Date: 13-06-2022
Executed: PS/CRL
Remarks: > 2mm består af skaller



Total Weight 91,18 g

Size Fractions

Sieve Analysis		Size	Size	Weight	Weight	Cumulated amount passing
		mm	Φ	g	%	%
Sieve Analysis	Gravel	16,00	-4,00	0,00	0,00	100,00
		8,00	-3,00	0,00	0,00	100,00
		4,00	-2,00	0,00	0,00	100,00
		2,80	-1,49	0,01	0,01	99,99
		2,00	-1,00	0,01	0,01	99,98
		1,40	-0,49	0,01	0,01	99,97
	Sand	1,00	0,00	0,09	0,10	99,87
		0,710	0,49	0,21	0,23	99,64
		0,500	1,00	0,81	0,89	98,75
		0,355	1,49	2,34	2,57	96,18
		0,250	2,00	6,06	6,65	89,54
		0,180	2,47	12,50	13,71	75,83
		0,125	3,00	40,06	43,94	31,89
		0,090	3,47	16,73	18,35	13,54
		0,075	3,74	2,50	2,74	10,80
		0,063	3,99	1,66	1,82	8,98
		< 0,063	> 3,99	8,19	8,98	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	8,98
Sand, fine (0,063 mm - 0,200 mm):	70,76
Sand, medium (0,2 mm - 0,6 mm):	19,43
Sand, coarse (0,6 mm - 2 mm):	0,81
Gravel (> 2 mm):	0,02
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,34	1,57
16%	84%	0,22	2,17
25%	75%	0,18	2,48
40%	60%	0,16	2,64
Median 50%	50%	0,15	2,76
75%	25%	0,11	3,16
84%	16%	0,09	3,40
90%	10%	0,07	3,84
95%	5%	-----	-----

Moments Statistics

Mean	2,78
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	2,30

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

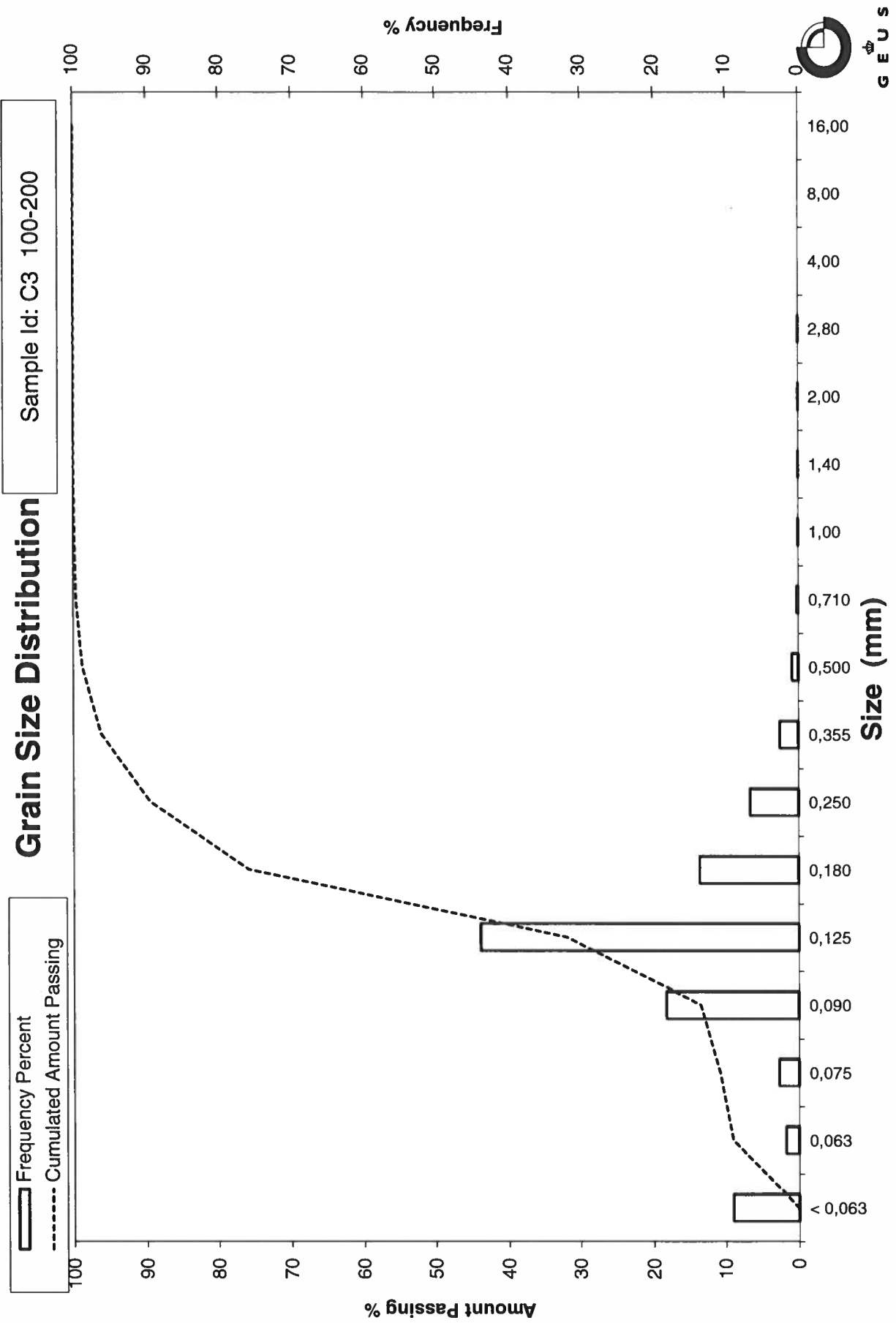
Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Geotechnical

Sample Id: C6 0-50
Lab. Id: 220494
Projekt: Energistyrrelsen
Subject: C6
Date: 13-06-2022
Executed: PS/CRL
Remarks: >2,8mm heraf 0,2g skaller



Total Weight 94,66 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,47	0,50	99,50
2,80	-1,49	0,28	0,30	99,21
2,00	-1,00	0,14	0,15	99,06
1,40	-0,49	0,16	0,17	98,89
1,00	0,00	0,27	0,29	98,61
0,710	0,49	0,66	0,70	97,91
0,500	1,00	2,39	2,52	95,38
0,355	1,49	6,79	7,17	88,21
0,250	2,00	12,67	13,38	74,83
0,180	2,47	15,76	16,65	58,18
0,125	3,00	30,89	32,63	25,54
0,090	3,47	17,27	18,24	7,30
0,075	3,74	2,70	2,85	4,45
0,063	3,99	1,13	1,19	3,25
< 0,063	> 3,99	3,08	3,25	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	3,25
Sand, fine (0,063 mm - 0,200 mm):	59,68
Sand, medium (0,2 mm - 0,6 mm):	33,65
Sand, coarse (0,6 mm - 2 mm):	2,47
Gravel (> 2 mm):	0,94
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,49	1,02
16%	84%	0,32	1,64
25%	75%	0,25	1,99
40%	60%	0,19	2,41
Median 50%	50%	0,17	2,59
75%	25%	0,12	3,01
84%	16%	0,11	3,23
90%	10%	0,10	3,39
95%	5%	0,08	3,68

Moments Statistics

Mean	2,48
Sorting	0,80
Skewness	-0,19
Kurtosis	1,07
Uniformity Coefficient	1,97

The analysis is executed according to DS 405.9 extended by sieves to the 1/2 phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

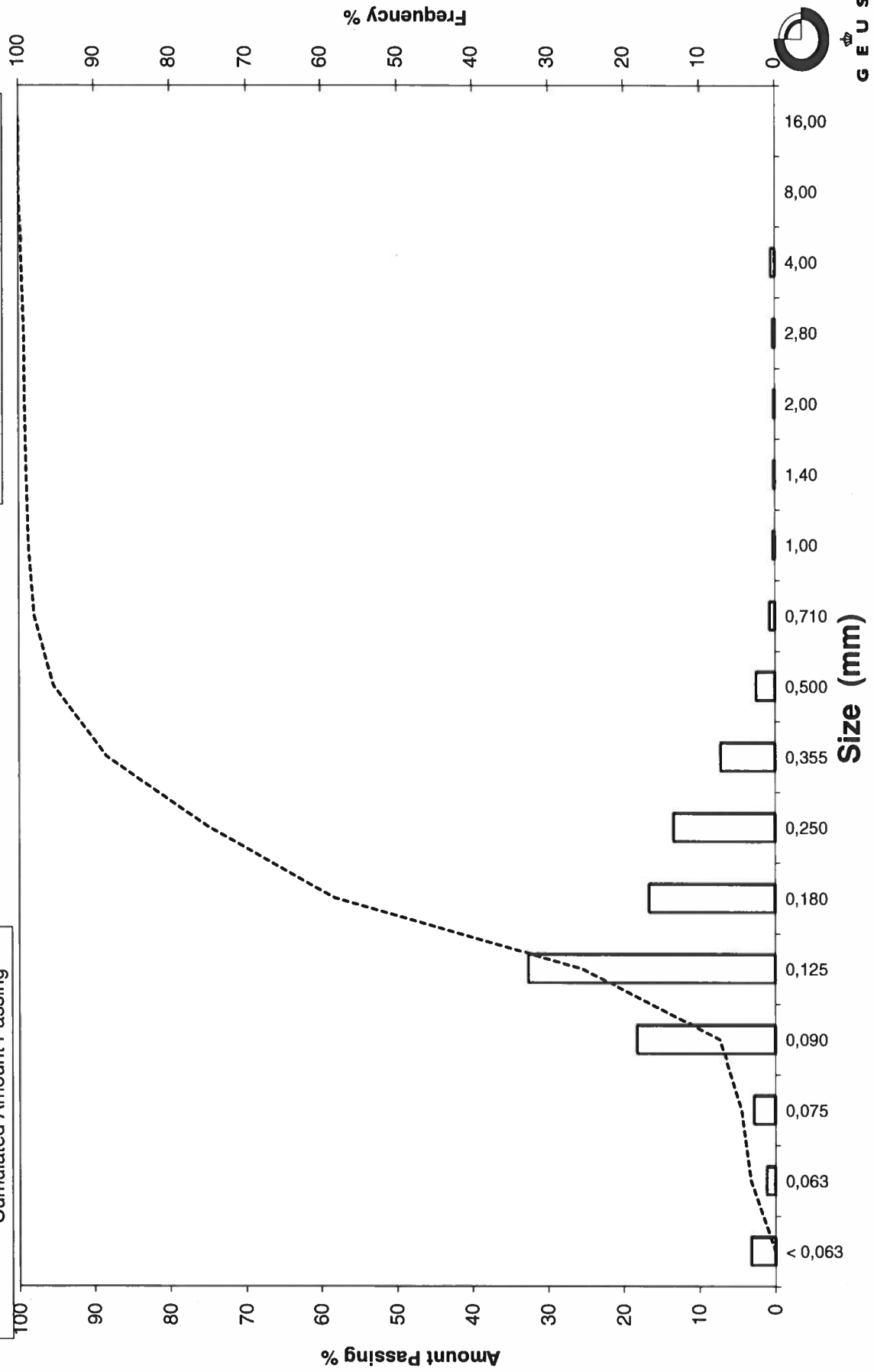
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: C6 0-50

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: C6 50-100
Lab. Id: 220495
Projekt: Energistyrrelsen
Subject: C6
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 98,6 g

Size Fractions

	Size	Size	Weight	Weight	Cumulated amount passing
	mm	Φ	g	%	%
Gravel	16,00	-4,00	0,00	0,00	100,00
	8,00	-3,00	0,00	0,00	100,00
	4,00	-2,00	0,00	0,00	100,00
	2,80	-1,49	0,00	0,00	100,00
	2,00	-1,00	0,00	0,00	100,00
	1,40	-0,49	0,01	0,01	99,99
	1,00	0,00	0,06	0,06	99,93
	0,710	0,49	0,41	0,42	99,51
	0,500	1,00	2,61	2,65	96,87
	0,355	1,49	8,32	8,44	88,43
Sand	0,250	2,00	20,01	20,29	68,13
	0,180	2,47	22,36	22,68	45,46
	0,125	3,00	24,93	25,28	20,17
	0,090	3,47	13,07	13,26	6,92
	0,075	3,74	2,74	2,78	4,14
	0,063	3,99	1,53	1,55	2,59
	< 0,063	> 3,99	2,55	2,59	0,00

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	2,59
Sand, fine (0,063 mm - 0,200 mm):	49,35
Sand, medium (0,2 mm - 0,6 mm):	46,19
Sand, coarse (0,6 mm - 2 mm):	1,87
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,47	1,10
16%	84%	0,33	1,59
25%	75%	0,29	1,81
40%	60%	0,22	2,15
Median 50%	50%	0,19	2,37
75%	25%	0,14	2,88
84%	16%	0,11	3,13
90%	10%	0,10	3,35
95%	5%	0,08	3,65

Moments Statistics

Mean	2,36
Sorting	0,77
Skewness	0,00
Kurtosis	0,97
Uniformity Coefficient	2,29

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

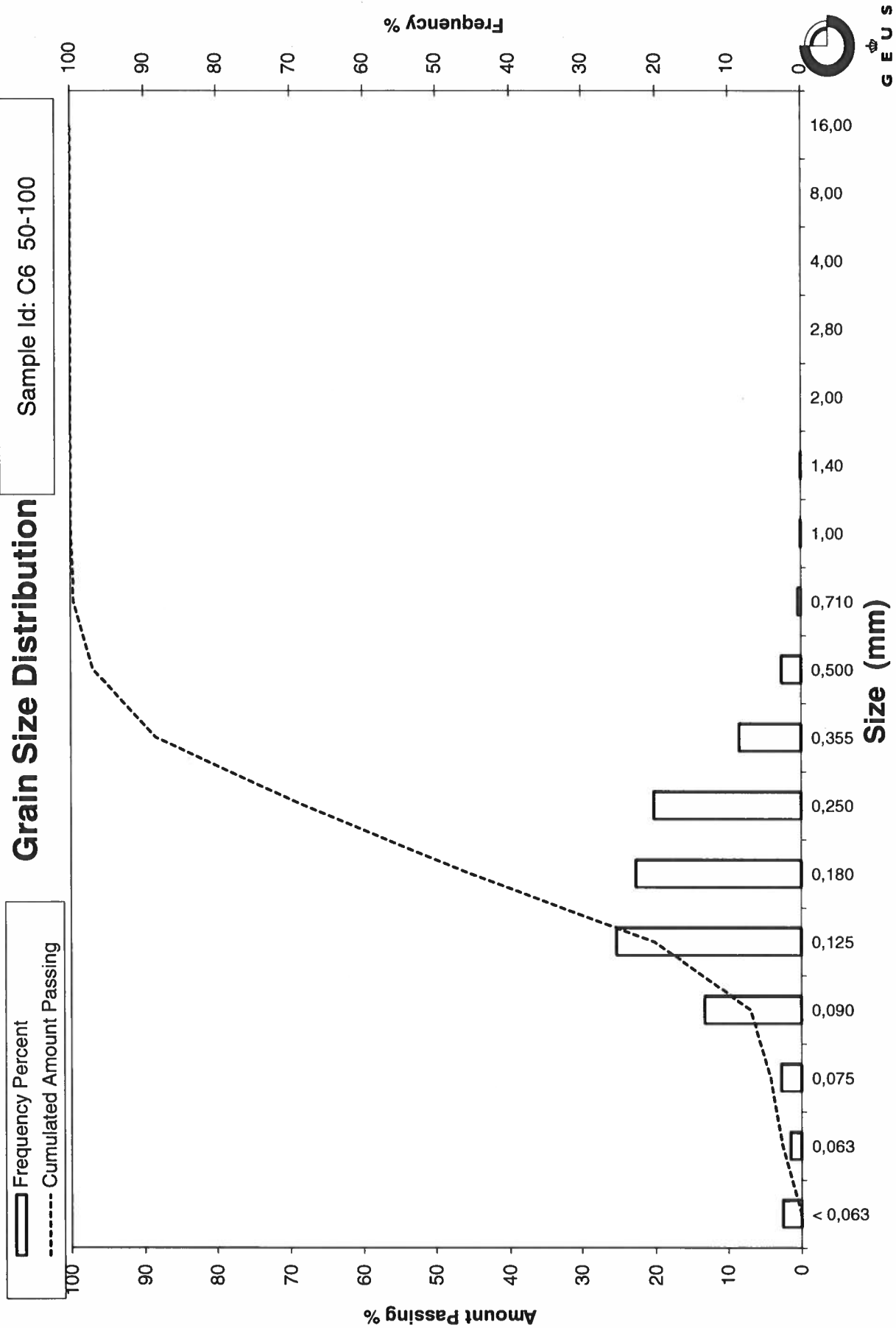
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: C6 50-100

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: C6 100-150
Lab. Id: 220496
Projekt: Energistyrelsen
Subject: C6
Date: 13-06-2022
Executed: PS/CRL
Remarks:



Total Weight 94,51 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,00	0,00	100,00
2,80	-1,49	0,00	0,00	100,00
2,00	-1,00	0,00	0,00	100,00
1,40	-0,49	0,00	0,00	100,00
1,00	0,00	0,03	0,03	99,97
0,710	0,49	0,05	0,05	99,92
0,500	1,00	0,62	0,66	99,26
0,355	1,49	3,56	3,77	95,49
0,250	2,00	15,94	16,87	78,63
0,180	2,47	26,54	28,08	50,54
0,125	3,00	30,17	31,92	18,62
0,090	3,47	12,07	12,77	5,85
0,075	3,74	2,17	2,30	3,56
0,063	3,99	1,24	1,31	2,24
< 0,063	> 3,99	2,12	2,24	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	2,24
Sand, fine (0,063 mm - 0,200 mm):	56,33
Sand, medium (0,2 mm - 0,6 mm):	41,00
Sand, coarse (0,6 mm - 2 mm):	0,43
Gravel (> 2 mm):	0,00
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,35	1,51
16%	84%	0,28	1,82
25%	75%	0,24	2,05
40%	60%	0,20	2,30
Median 50%	50%	0,18	2,48
75%	25%	0,14	2,88
84%	16%	0,12	3,09
90%	10%	0,10	3,30
95%	5%	0,08	3,57

Moments Statistics

Mean	2,46
Sorting	0,63
Skewness	0,00
Kurtosis	1,02
Uniformity Coefficient	2,01

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

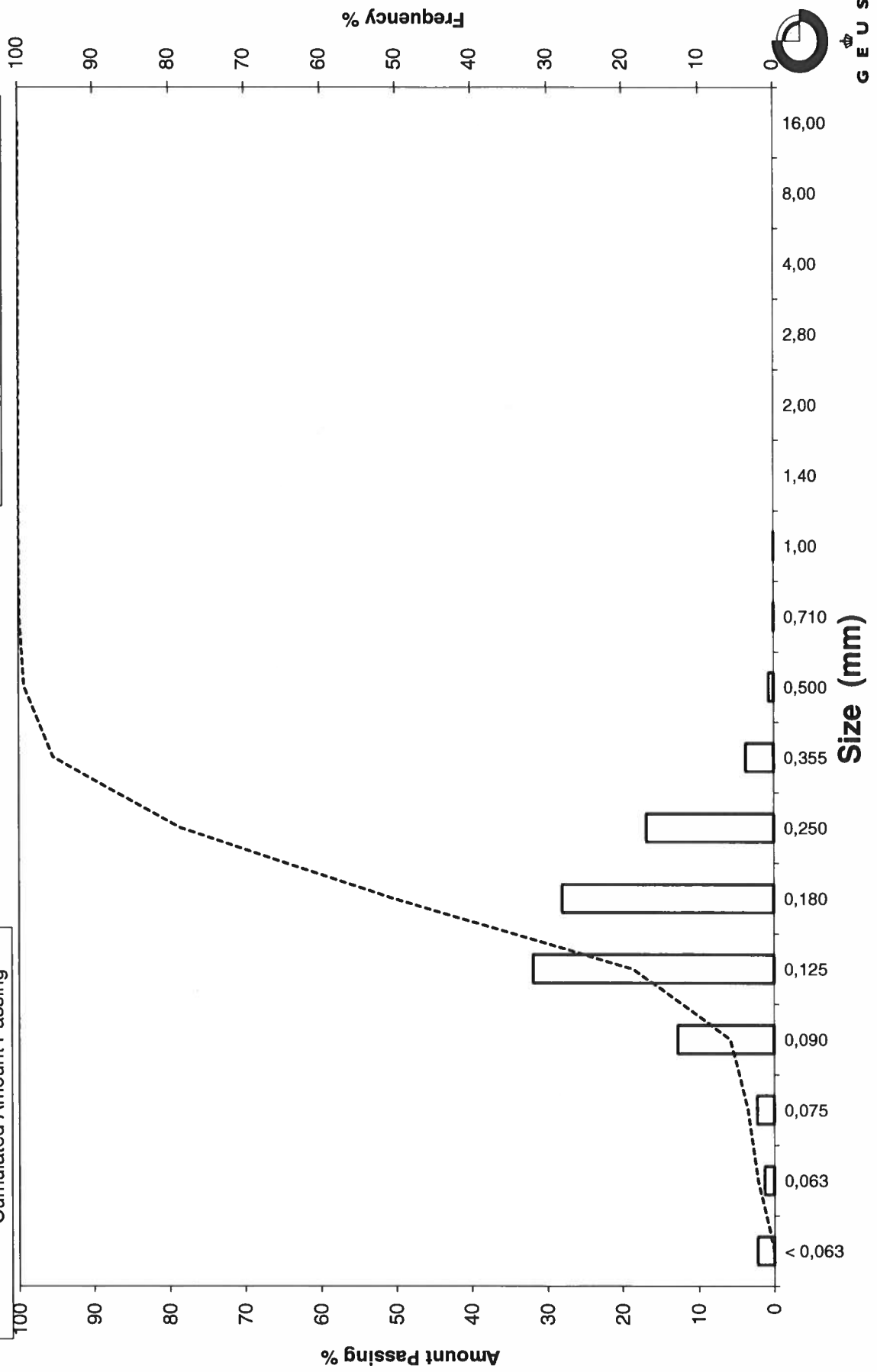
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: C6 100-150

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: C8 0-50
Lab. Id: 220497
Projekt: Energistyrelsen
Subject: C8
Date: 13-06-2022
Executed: PS/CRL
Remarks: >2mm består af skaller



Total Weight 91,74 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,04	0,04	99,96
2,80	-1,49	0,16	0,17	99,78
2,00	-1,00	0,05	0,05	99,73
1,40	-0,49	0,02	0,02	99,71
1,00	0,00	0,07	0,08	99,63
0,710	0,49	0,12	0,13	99,50
0,500	1,00	0,68	0,74	98,76
0,355	1,49	2,44	2,66	96,10
0,250	2,00	5,40	5,89	90,21
0,180	2,47	18,86	20,56	69,65
0,125	3,00	43,02	46,89	22,76
0,090	3,47	12,95	14,12	8,64
0,075	3,74	1,74	1,90	6,75
0,063	3,99	1,60	1,74	5,00
< 0,063	> 3,99	4,59	5,00	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	5,00
Sand, fine (0,063 mm - 0,200 mm):	70,52
Sand, medium (0,2 mm - 0,6 mm):	23,58
Sand, coarse (0,6 mm - 2 mm):	0,62
Gravel (> 2 mm):	0,27
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,34	1,58
16%	84%	0,23	2,13
25%	75%	0,20	2,33
40%	60%	0,17	2,57
Median 50%	50%	0,16	2,67
75%	25%	0,13	2,97
84%	16%	0,11	3,21
90%	10%	0,09	3,42
95%	5%	-----	-----

Moments Statistics

Mean	2,67
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	1,81

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

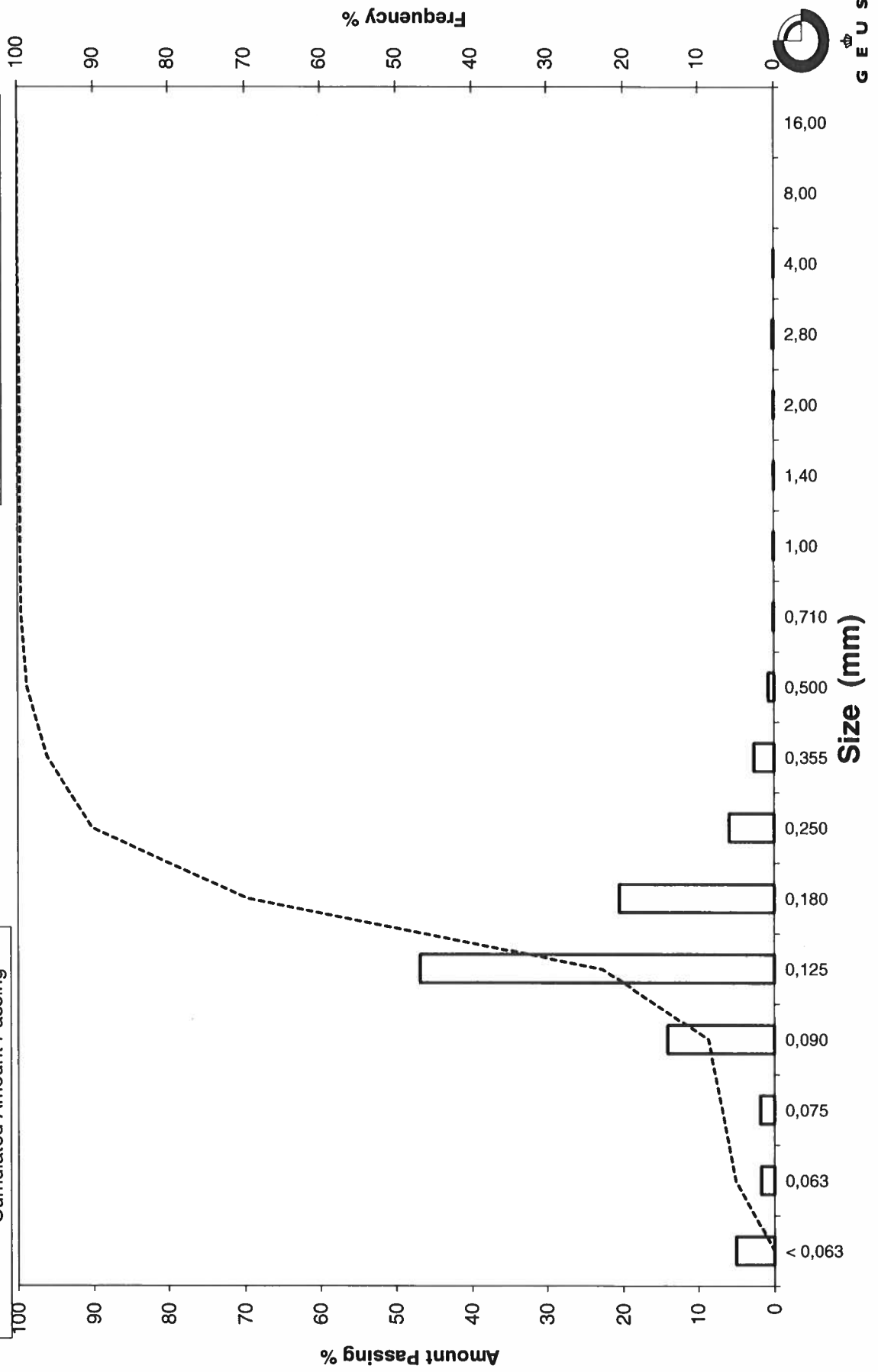
Size Classes and Percentiles are found by linear interpolation

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Grain Size Distribution

Sample Id: C8 0-50

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: C16 0-35
Lab. Id: 220498
Projekt: Energistyrelsen
Subject: C16
Date: 13-06-2022
Executed: PS/CRL
Remarks: > 2,8mm heraf 4,4 g skaller



Total Weight 108,61 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	2,64	2,43	97,57
4,00	-2,00	1,05	0,97	96,60
2,80	-1,49	0,72	0,66	95,94
2,00	-1,00	0,48	0,44	95,50
1,40	-0,49	0,90	0,83	94,67
1,00	0,00	8,13	7,49	87,18
0,710	0,49	14,94	13,76	73,43
0,500	1,00	15,85	14,59	58,83
0,355	1,49	25,11	23,12	35,71
0,250	2,00	22,13	20,38	15,34
0,180	2,47	8,98	8,27	7,07
0,125	3,00	6,04	5,56	1,51
0,090	3,47	0,61	0,56	0,95
0,075	3,74	0,06	0,06	0,89
0,063	3,99	0,03	0,03	0,87
< 0,063	> 3,99	0,94	0,87	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	0,87
Sand, fine (0,063 mm - 0,200 mm):	8,57
Sand, medium (0,2 mm - 0,6 mm):	56,35
Sand, coarse (0,6 mm - 2 mm):	29,71
Gravel (> 2 mm):	4,50
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	1,64	-0,71
16%	84%	0,93	0,10
25%	75%	0,74	0,43
40%	60%	0,52	0,95
Median 50%	50%	0,44	1,17
75%	25%	0,30	1,74
84%	16%	0,25	1,98
90%	10%	0,20	2,29
95%	5%	0,16	2,65

Moments Statistics

Mean	1,08
Sorting	0,98
Skewness	-0,13
Kurtosis	1,05
Uniformity Coefficient	2,52

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

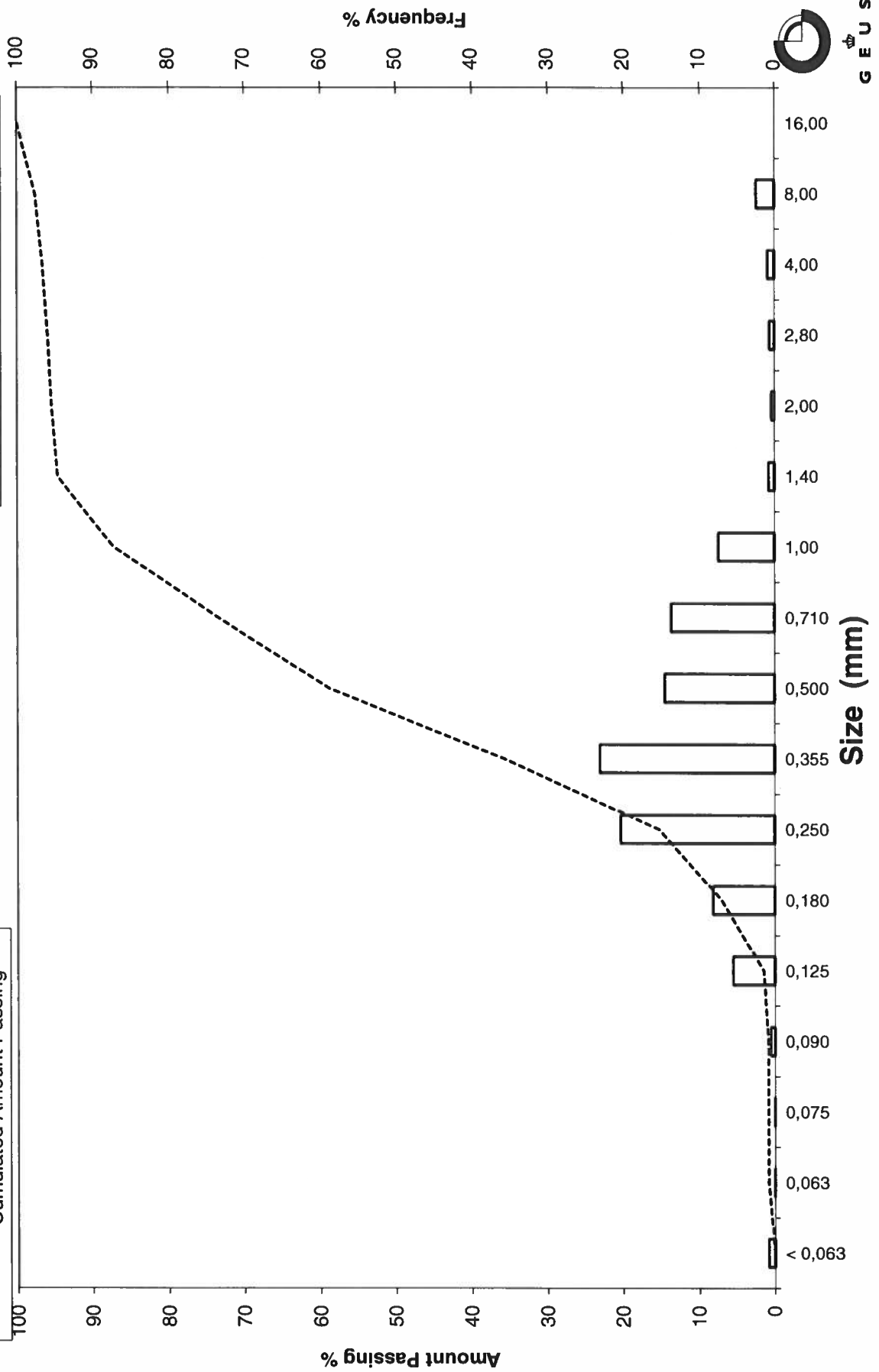
Size Classes and Percentiles are found by linear interpolation

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Grain Size Distribution

Sample Id: C16 0-35

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: C16 35-92
Lab. Id: 220499
Projekt: Energistyrelsen
Subject: C16
Date: 13-06-2022
Executed: PS/CRL
Remarks: > 2mm heraf 1,7g skaller



Total Weight 103,99 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,64	0,62	99,38
4,00	-2,00	0,77	0,74	98,64
2,80	-1,49	0,16	0,15	98,49
2,00	-1,00	0,29	0,28	98,21
1,40	-0,49	0,32	0,31	97,90
1,00	0,00	1,21	1,16	96,74
0,710	0,49	3,20	3,08	93,66
0,500	1,00	6,29	6,05	87,61
0,355	1,49	19,27	18,53	69,08
0,250	2,00	33,43	32,15	36,94
0,180	2,47	21,06	20,25	16,68
0,125	3,00	14,31	13,76	2,92
0,090	3,47	1,48	1,42	1,50
0,075	3,74	0,22	0,21	1,29
0,063	3,99	0,12	0,12	1,17
< 0,063	> 3,99	1,22	1,17	0,00

Gravel

Sand

Sieve Analysis

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	1,17
Sand, fine (0,063 mm - 0,200 mm):	21,30
Sand, medium (0,2 mm - 0,6 mm):	68,02
Sand, coarse (0,6 mm - 2 mm):	7,72
Gravel (> 2 mm):	1,79
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,84	0,26
16%	84%	0,47	1,08
25%	75%	0,40	1,32
40%	60%	0,33	1,62
Median 50%	50%	0,29	1,77
75%	25%	0,21	2,26
84%	16%	0,18	2,50
90%	10%	0,15	2,71
95%	5%	0,13	2,91

Moments Statistics

Mean	1,78
Sorting	0,75
Skewness	-0,06
Kurtosis	1,15
Uniformity Coefficient	2,12

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

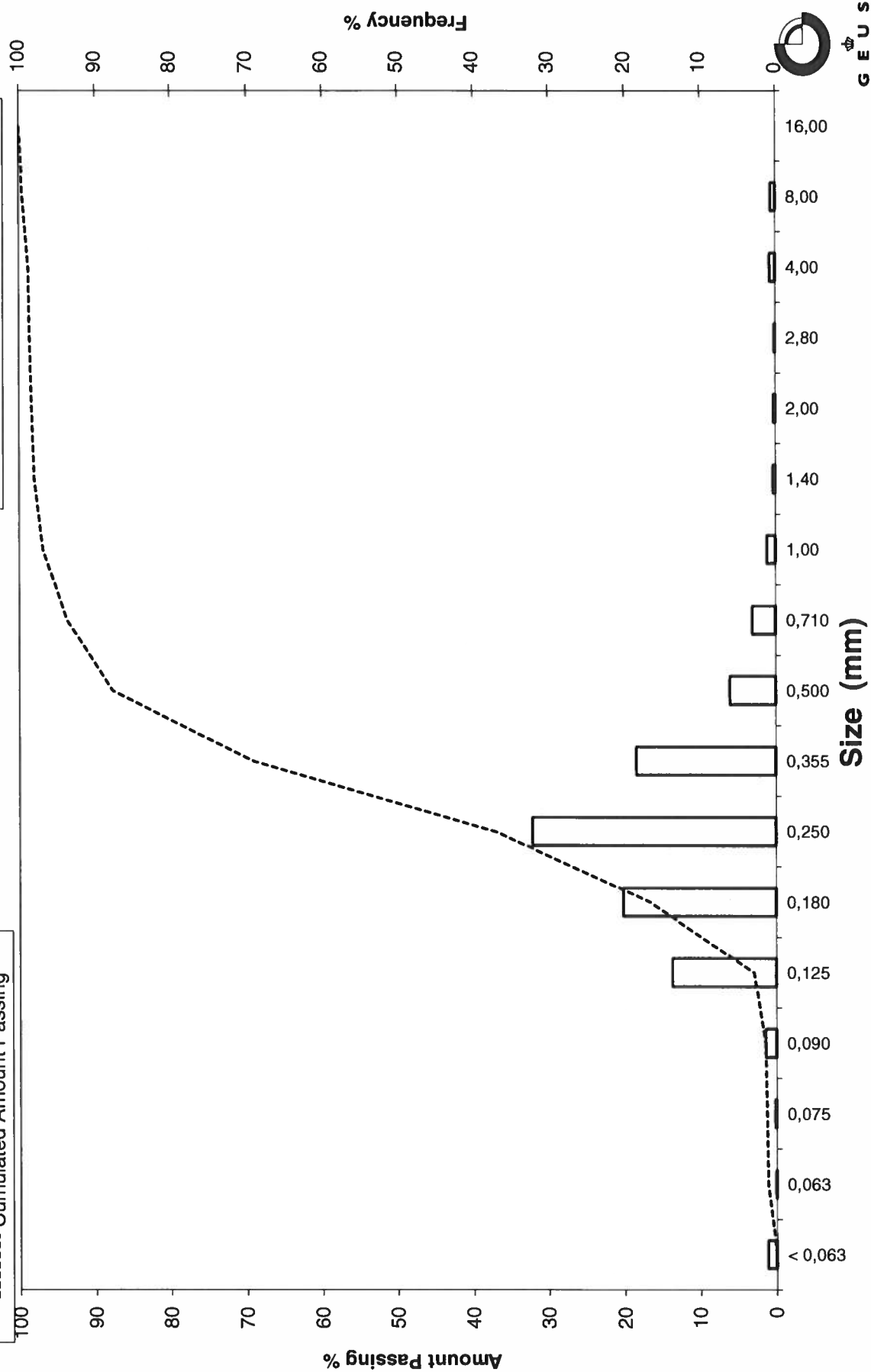
Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Grain Size Distribution

Sample Id: C16 35-92

Frequency Percent
Cumulated Amount Passing



Grain Size Distribution

Geotechnical

Sample Id: C16 100-150
Lab. Id: 220500
Projekt: Energistyrelsen
Subject: C16
Date: 13-06-2022
Executed: PS/CRL
Remarks: > 1,4mm består af skaller



Total Weight 96 g

Size Fractions

Size	Size	Weight	Weight	Cumulated amount passing
mm	Φ	g	%	%
16,00	-4,00	0,00	0,00	100,00
8,00	-3,00	0,00	0,00	100,00
4,00	-2,00	0,01	0,01	99,99
2,80	-1,49	0,00	0,00	99,99
2,00	-1,00	0,00	0,00	99,99
1,40	-0,49	0,01	0,01	99,98
1,00	0,00	0,02	0,02	99,96
0,710	0,49	0,06	0,06	99,90
0,500	1,00	0,43	0,45	99,45
0,355	1,49	1,10	1,15	98,30
0,250	2,00	3,89	4,05	94,25
0,180	2,47	28,25	29,43	64,82
0,125	3,00	36,10	37,60	27,22
0,090	3,47	15,96	16,63	10,59
0,075	3,74	2,02	2,10	8,49
0,063	3,99	1,59	1,66	6,83
< 0,063	> 3,99	6,56	6,83	0,00

Sieve Analysis

Gravel

Sand

Size Classes (DGF-Bulletin 1 1988)

	Weight %
Silt and clay (< 0,063 mm):	6,83
Sand, fine (0,063 mm - 0,200 mm):	66,40
Sand, medium (0,2 mm - 0,6 mm):	26,43
Sand, coarse (0,6 mm - 2 mm):	0,33
Gravel (> 2 mm):	0,01
Sum:	100,00

Moments Measures (Folk and Wards)

Percentile	Percentile	d(mm)	Φ
Amount in sieve	Amount passing		
5%	95%	0,27	1,89
16%	84%	0,23	2,15
25%	75%	0,20	2,29
40%	60%	0,17	2,53
Median 50%	50%	0,16	2,66
75%	25%	0,12	3,05
84%	16%	0,10	3,30
90%	10%	0,09	3,54
95%	5%	-----	-----

Moments Statistics

Mean	2,70
Sorting	-----
Skewness	-----
Kurtosis	-----
Uniformity Coefficient	2,02

The analysis is executed according to DS 405.9 extended by sieves to the ½ phi scale

Size Classes and Percentiles are found by linear interpolation

Formulas

Mean $(\phi_{16\%} + \phi_{84\%} + \phi_{50\%}) / 3$ (Folk and Ward 1957)

Sorting $(\phi_{84\%} - \phi_{16\%}) / 4 + (\phi_{95\%} - \phi_{5\%}) / 6,6$ (Folk and Ward 1957)

Kurtosis $(\phi_{95\%} - \phi_{5\%}) / (2,44 * (\phi_{75\%} - \phi_{25\%}))$ (Folk and Ward 1957)

Skewness $(\phi_{16\%} + \phi_{84\%} - 2 * \phi_{50\%}) / (2 * (\phi_{84\%} - \phi_{16\%})) + (\phi_{5\%} + \phi_{95\%} - 2 * \phi_{50\%}) / (2 * (\phi_{95\%} - \phi_{5\%}))$ (Folk and Ward 1957)

Uniformity Coefficient $(d_{60\%} / d_{10\%})$ (dgf-Bulletin 1988)

Mean, sorting, skewness and kurtosis are based on "Amount in sieve". Uniformity coefficient is based on "Amount passing".

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Sample Id: C16 100-150

Grain Size Distribution

Frequency Percent
Cumulated Amount Passing

