

Mrs. Diana Harlock
William Stukeley Church of England Primary School
Spalding Road
Holbeach
Lincolnshire
PE12 7HG

Dear Diana

RE: Further Decay Detection on T933, 936 & 958

Further to our initial tree survey in June 2025 recommendation were made to undertake further decay detection on three trees and I have pleasure in attaching the results and our recommendations.

We visited site on the 25th of November 2025 to undertake internal investigation using a resistograph.

About the Equipment used:

A IML-RESI PowerDrill 400 has been used to measure the resistance for a 2mm diameter micro drill at selected points on the base of the tree

This gives reliable and meaningful measurement to allow us to draw conclusions about the safety of the wood and subsequent tree.

The results show both feed speed resistance and drilling resistance. It picks up variances such as growth rings, pockets of decay cavities and cracks in the timber.

We first undertook a control drill at 180cm from the ground to establish what we would expect the timber to look like and these are labeled as control drill

T958 Oak in Car Park

The 4 drills were undertaken just above the soil level and no significant concerns were found at the 4 cardinal points tested.

Recommendation – No Further Works – Reinspect in 18 months

T 933 Ash on corner of field

The extent of decay within the buttress is greater than what I expected to find. The tree has been previously heavily pollard and we have just pollarded it removing the trees sail area. When undertaking this work it was reported by the climbers a large area of decay in the main structural branches on the upper side. The remains of the FFB on the North and west side are still not identifiable. The Resistograph has identified areas of decay in the buttress and the lower stem on three sides.

Recommendation - I do consider the levels of immediate risk are acceptable due to the recent pollarding works removing the sail however I recommend the tree is removed prior to it being allowed to put any considerable amount of canopy back on and the tree should be Felled within the next 18 months.

T936- Oak by Playground

The Resistograph has confirmed significant decay on the Eastern side which we were already aware of through the use of a sounding hammer. The Resistograph has identified approximately 16cm of sound timber on the Northern side at base before a cavity, 32cm on the Southern side, 24 on the western side. This would suggest that there is a significant central cavity with the fungus decaying the heartwood.

Decay of the root system cannot be measured but we must presume that this is also occurring.

The tree has been reduced significantly in height to 8 from 15meters in 2021 and has just had targeted weight reduction within the canopy of the regrowth October 2025. During these works the structural integrity of the deadwood was checked for loose or easily dislodgeable pieces.

With the current decay and weight distribution it is presumed should failure occur it will fail away from the tarmac area and onto the grass area. This area is still however used significantly by the children.

Recommendation- This tree should be felled and replaced with a suitable species ideally an English Oak within the next 12 months.

This tree is a superb habitat for birds, insects etc so once felled its retention on site if possible ideally in the woodland area in large pieces should be encouraged.



If you have any questions on any of the above please don't hesitate to contact me

Yours sincerely,

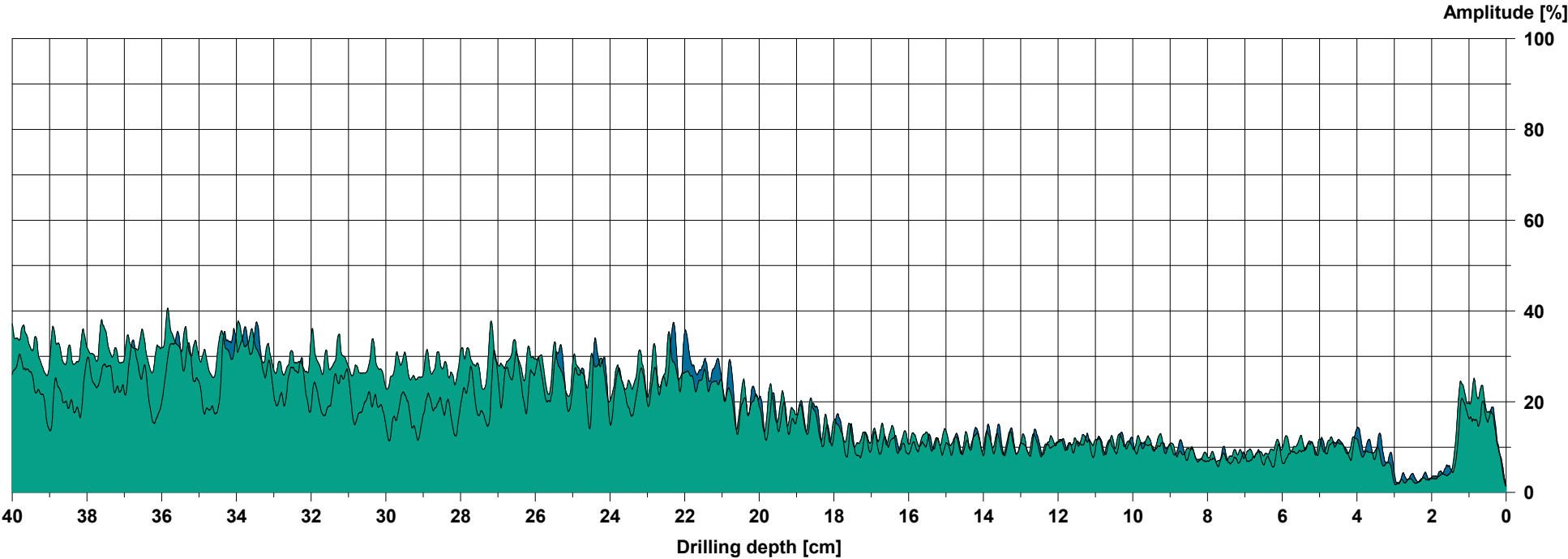


Adam Quant
BSc(Hons) For, NDF, M ArborA

Save routeAdam/ Document1

Measuring / object data

Measurement no.:	6	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0933 Ash Control	Needle state:	---	Level	:
Drilling depth	: 40,00 cm	Tilt	: ---	Direction:	
Date	: 25.11.2025	Offset	: 142 / 397	Species	:
Time	: 10:52:08	Avg. curve	: off / off	Location	:
Feed	: 100 cm/min			Name	:

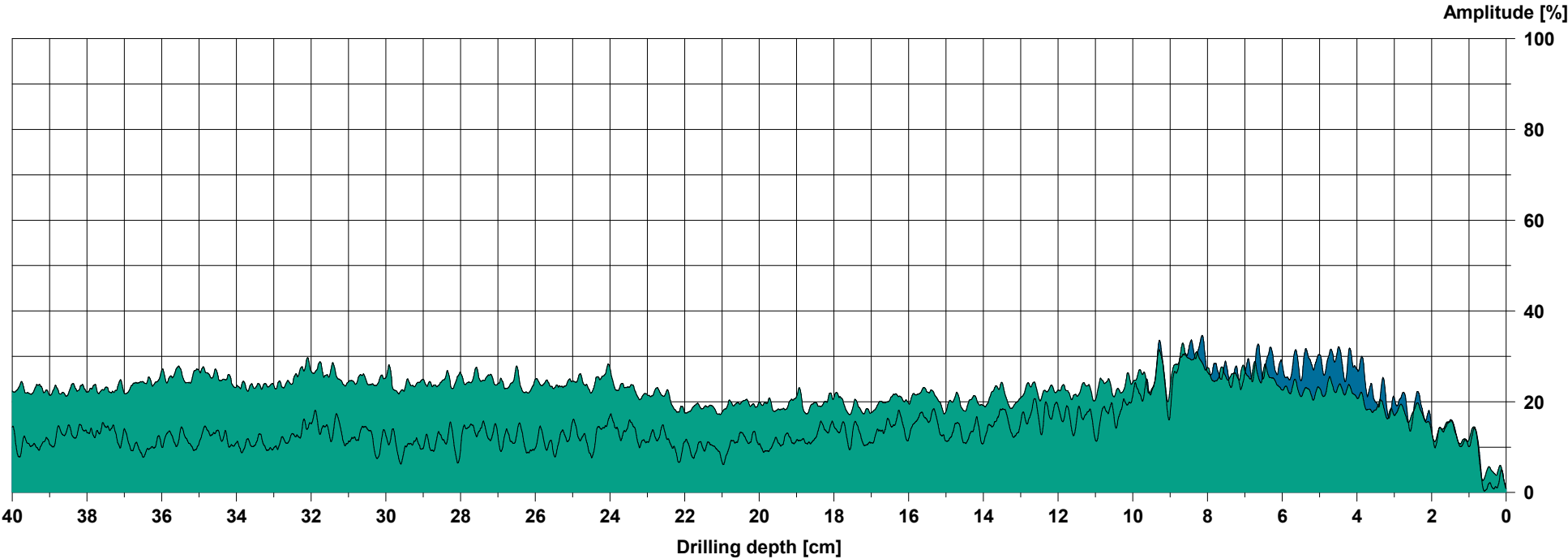


Assessment

Comment

Measuring / object data

Measurement no.:	7	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0933 Ash 01N	Needle state:	---	Level	:
Drilling depth	: 40,00 cm	Tilt	---	Direction:	
Date	: 25.11.2025	Offset	: 129 / 402	Species	:
Time	: 10:53:34	Avg. curve	: off / off	Location	:
Feed	: 100 cm/min			Name	:

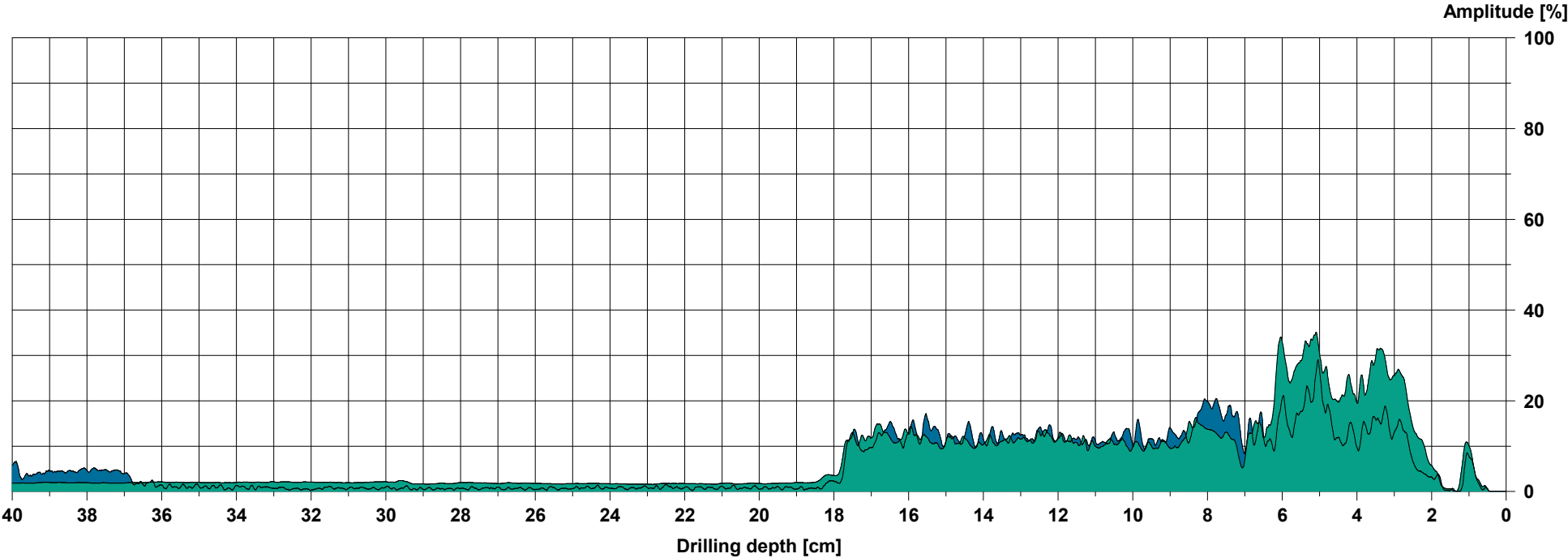


Assessment

Comment

Measuring / object data

Measurement no.:	8	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0933 Ash 01N	Needle state:	---	Level	:
Drilling depth	: 40,00 cm	Tilt	---	Direction:	
Date	: 25.11.2025	Offset	: 108 / 385	Species	:
Time	: 10:54:18	Avg. curve	: off / off	Location	:
Feed	: 100 cm/min			Name	:

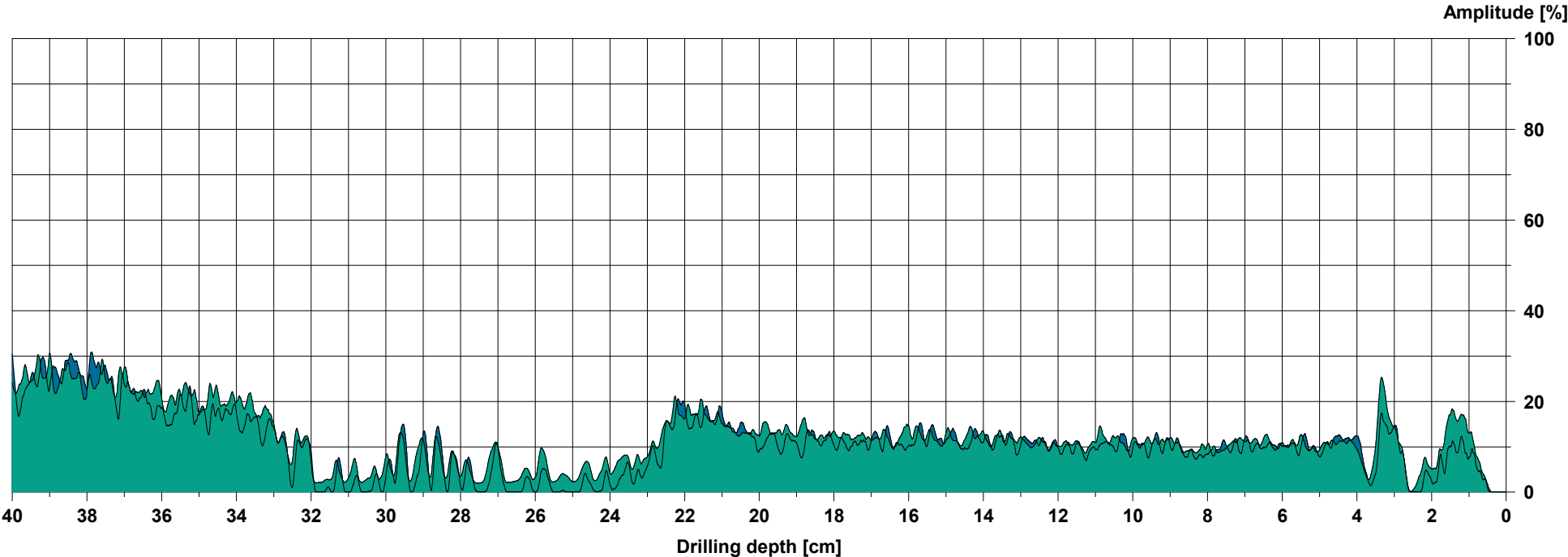


Assessment

Comment

Measuring / object data

Measurement no.:	9	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0933 Ash 02 E	Needle state:	---	Level	:
Drilling depth	: 40,00 cm	Tilt	---	Direction:	
Date	: 25.11.2025	Offset	: 115 / 369	Species	:
Time	: 10:55:57	Avg. curve	: off / off	Location	:
Feed	: 100 cm/min			Name	:

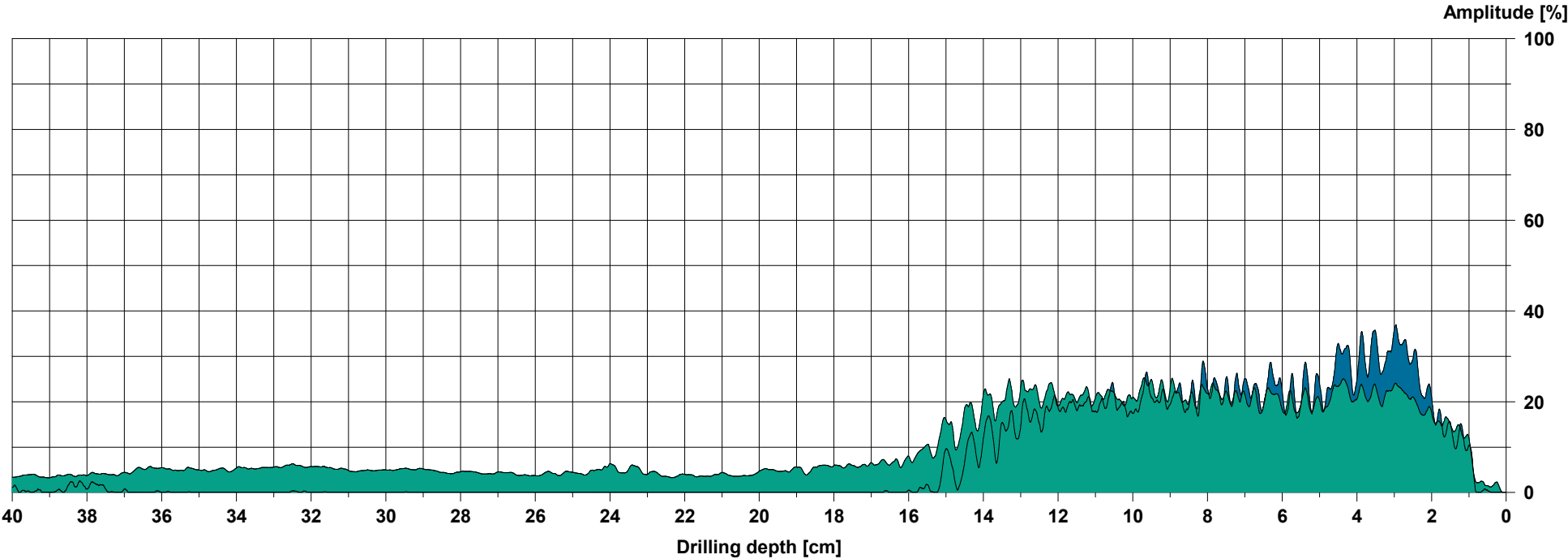


Assessment

Comment

Measuring / object data

Measurement no.:	10	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0933 Ash 03 Butress S	Needle state:	---	Level	:
Drilling depth	: 40,00 cm	Tilt	: ---	Direction:	
Date	: 25.11.2025	Offset	: 120 / 377	Species	:
Time	: 10:58:05	Avg. curve	: off / off	Location	:
Feed	: 100 cm/min			Name	:

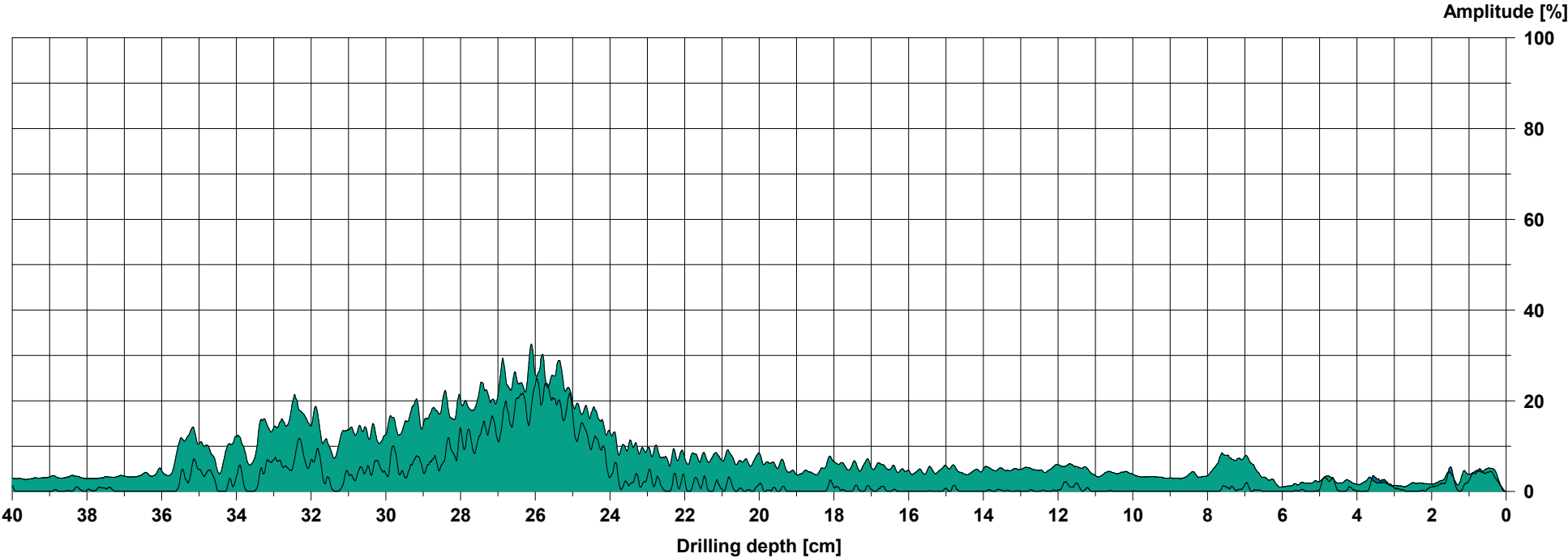


Assessment

Comment

Measuring / object data

Measurement no.:	11	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0933 Ash 03 Bracket S	Needle state:	---	Level	:
Drilling depth	: 40,00 cm	Tilt	---	Direction:	
Date	: 25.11.2025	Offset	: 124 / 375	Species	:
Time	: 10:59:33	Avg. curve	: off / off	Location	:
Feed	: 100 cm/min			Name	:

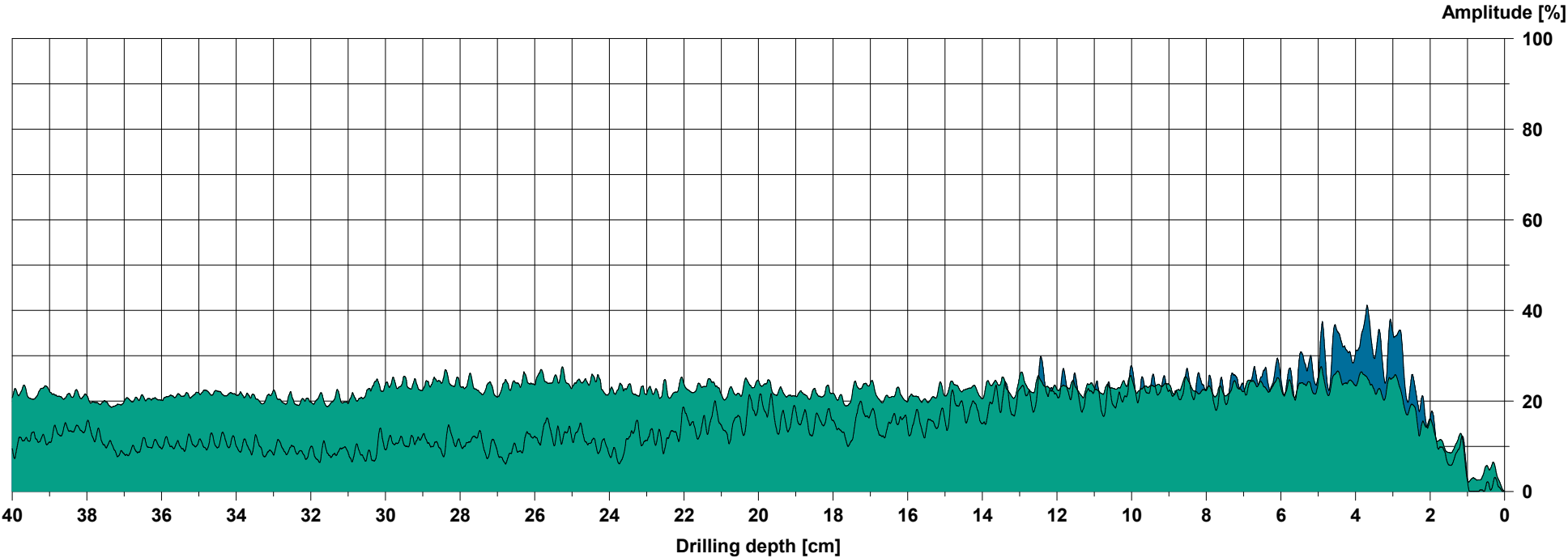


Assessment

Comment

Measuring / object data

Measurement no.:	12	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0933 Ash 04 W	Needle state:	---	Level	:
Drilling depth	: 40,00 cm	Tilt	: ---	Direction:	
Date	: 25.11.2025	Offset	: 121 / 378	Species	:
Time	: 11:01:19	Avg. curve	: off / off	Location	:
Feed	: 100 cm/min			Name	:

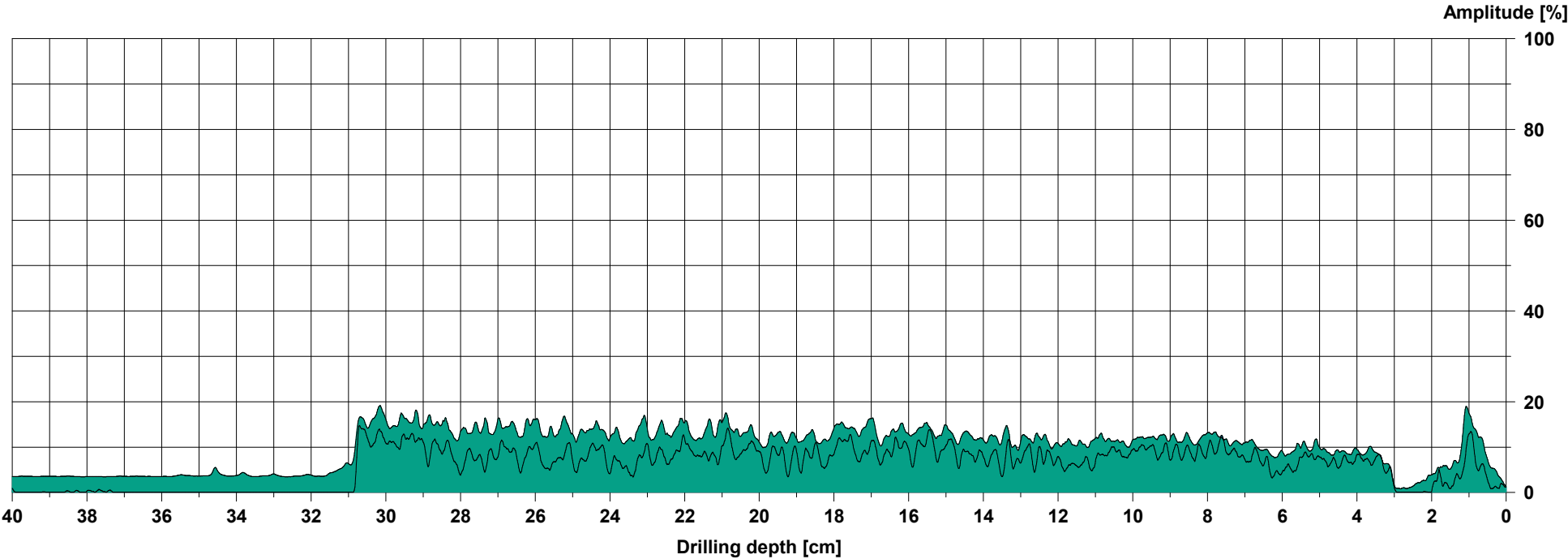


Assessment

Comment

Measuring / object data

Measurement no.:	13	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0933 Ash 05 NW	Needle state:	---	Level	:
Drilling depth	: 40,00 cm	Tilt	: ---	Direction:	
Date	: 25.11.2025	Offset	: 124 / 391	Species	:
Time	: 11:03:14	Avg. curve	: off / off	Location	:
Feed	: 100 cm/min			Name	:

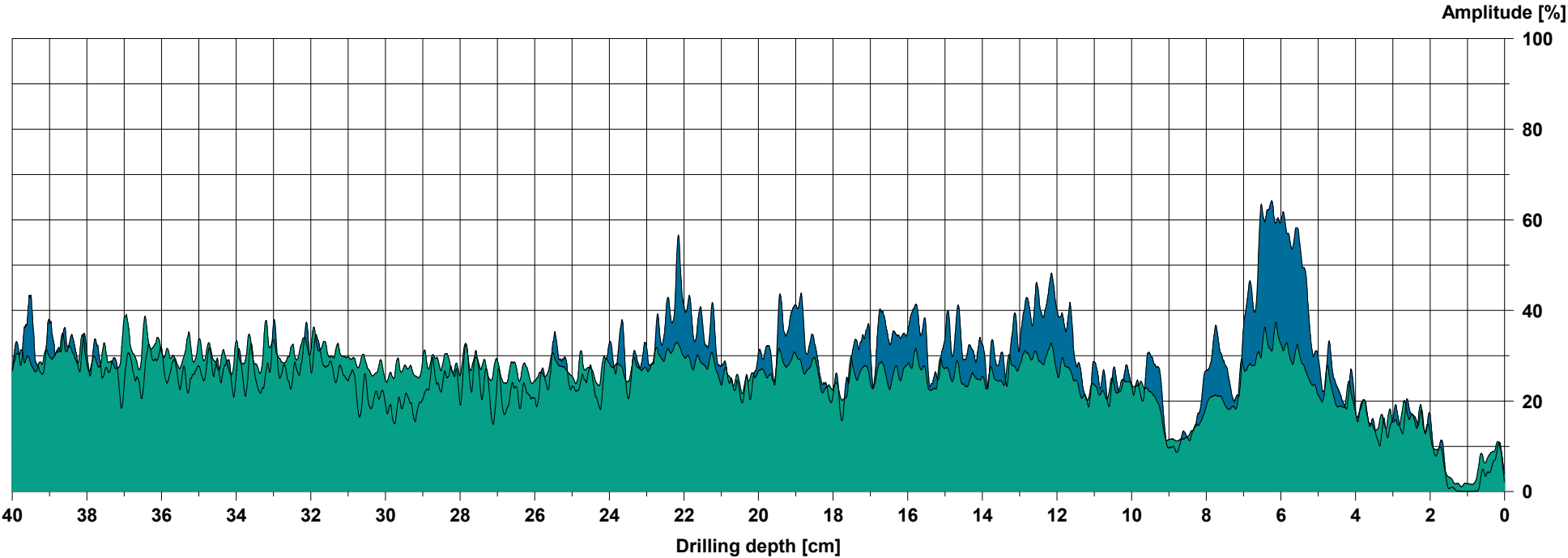


Assessment

Comment

Measuring / object data

Measurement no.:	16	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0936 Oak Control	Needle state:	---	Level	:
Drilling depth	: 40,00 cm	Tilt	---	Direction:	
Date	: 25.11.2025	Offset	: 132 / 402	Species	:
Time	: 11:15:26	Avg. curve	: off / off	Location	:
Feed	: 100 cm/min			Name	:

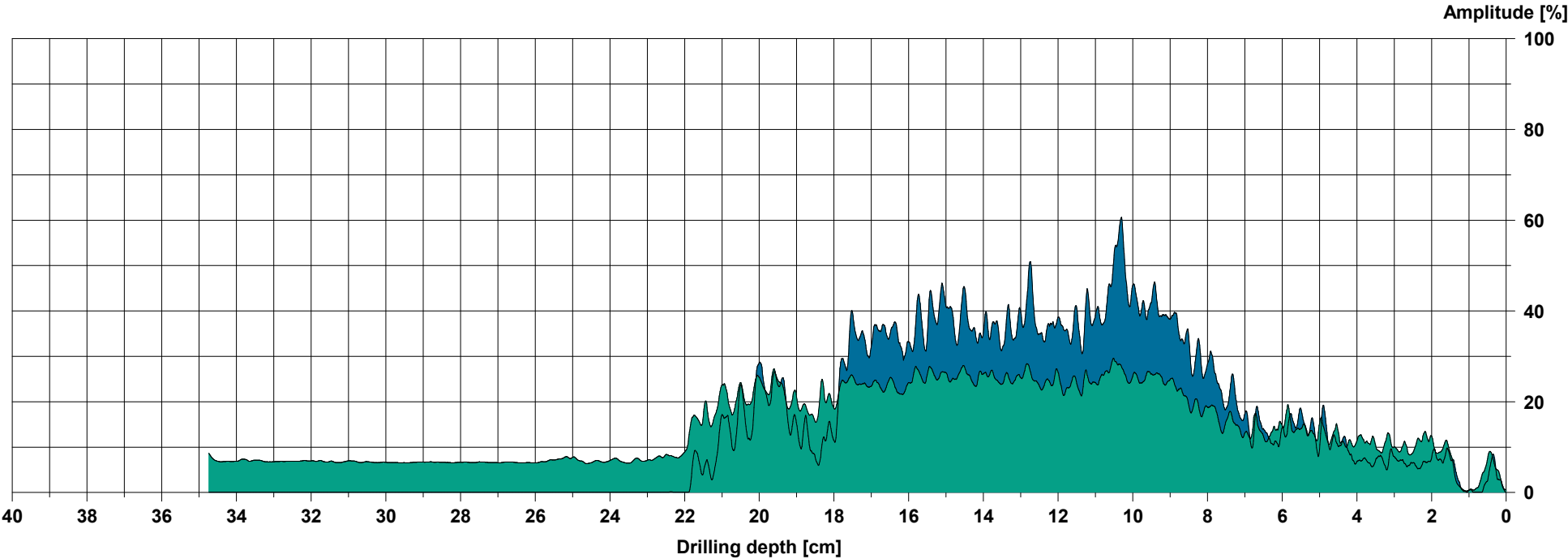


Assessment

Comment

Measuring / object data

Measurement no.:	17	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0936 Oak 01 N	Needle state:	---	Level	:
Drilling depth	: 34,74 cm	Tilt	: ---	Direction:	
Date	: 25.11.2025	Offset	: 130 / 417	Species	:
Time	: 11:16:58	Avg. curve	: off / off	Location:	
Feed	: 100 cm/min			Name	:

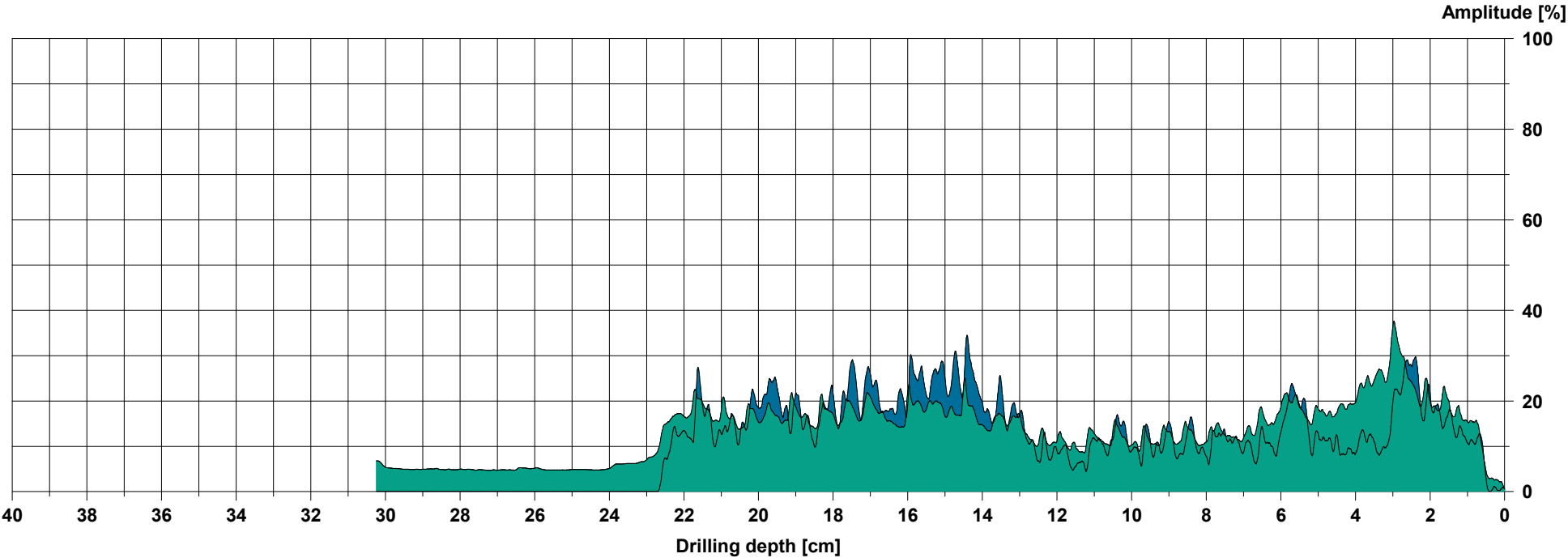


Assessment

Comment

Measuring / object data

Measurement no.:	18	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0936 Oak 02 E	Needle state:	---	Level	:
Drilling depth	: 30,24 cm	Tilt	: ---	Direction:	
Date	: 25.11.2025	Offset	: 127 / 406	Species	:
Time	: 11:18:30	Avg. curve	: off / off	Location:	
Feed	: 100 cm/min			Name	:

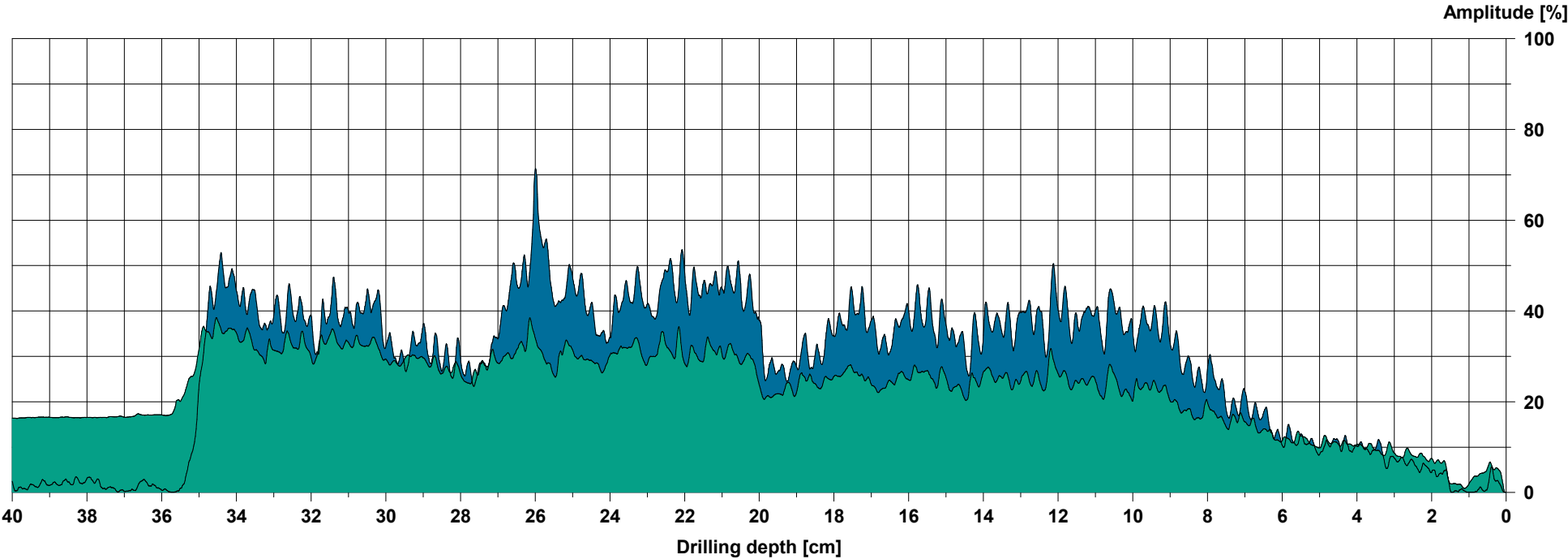


Assessment

Comment

Measuring / object data

Measurement no.:	19	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0936 Oak 03 S	Needle state:	---	Level	:
Drilling depth	: 40,00 cm	Tilt	: ---	Direction:	
Date	: 25.11.2025	Offset	: 118 / 393	Species	:
Time	: 11:19:45	Avg. curve	: off / off	Location:	
Feed	: 100 cm/min			Name	:

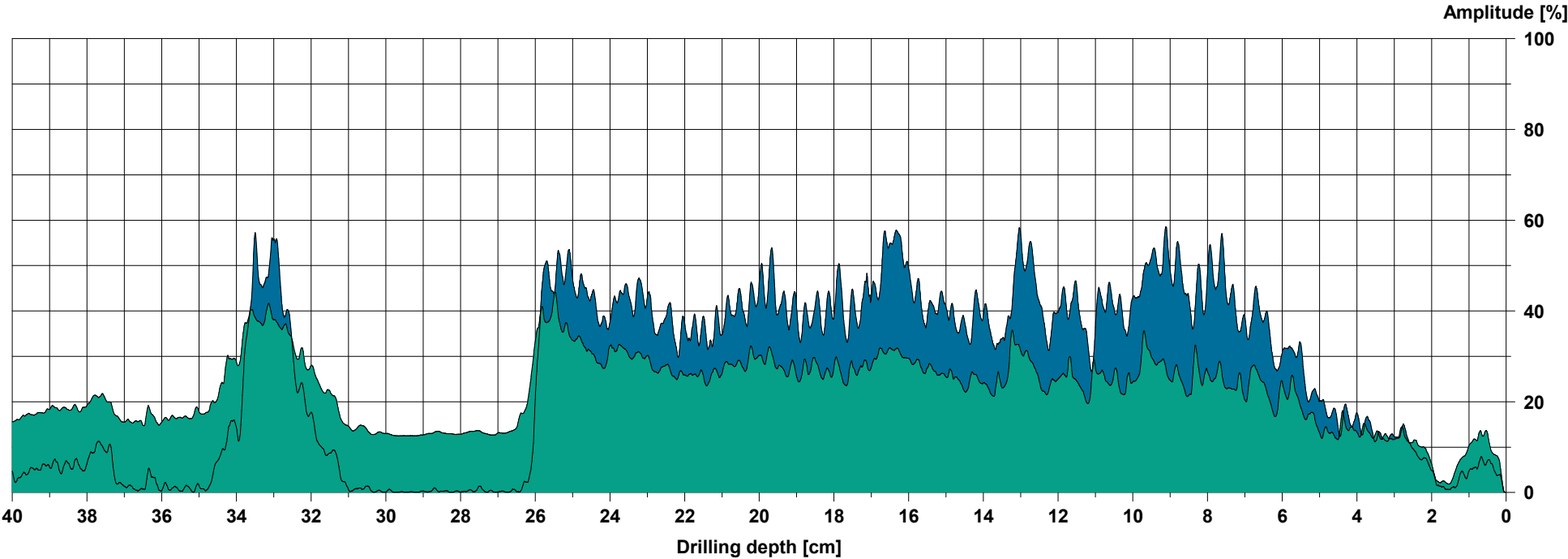


Assessment

Comment

Measuring / object data

Measurement no.:	20	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0936 Oak 04 W	Needle state:	---	Level	:
Drilling depth	: 40,00 cm	Tilt	: ---	Direction:	
Date	: 25.11.2025	Offset	: 112 / 404	Species	:
Time	: 11:21:06	Avg. curve	: off / off	Location	:
Feed	: 100 cm/min			Name	:

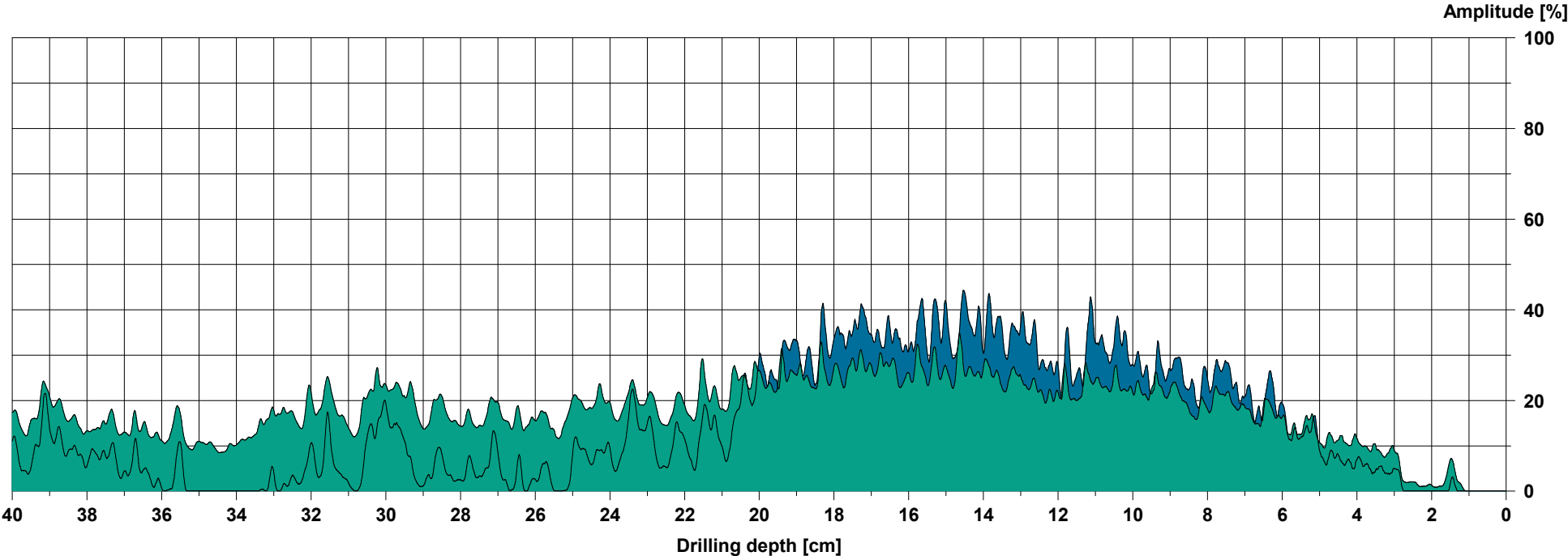


Assessment

Comment

Measuring / object data

Measurement no.:	1	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0958 Oak Control	Needle state:	---	Level	:
Drilling depth	: 40,00 cm	Tilt	---	Direction:	
Date	: 25.11.2025	Offset	: 128 / 353	Species	:
Time	: 10:25:54	Avg. curve	: off / off	Location	:
Feed	: 100 cm/min			Name	:

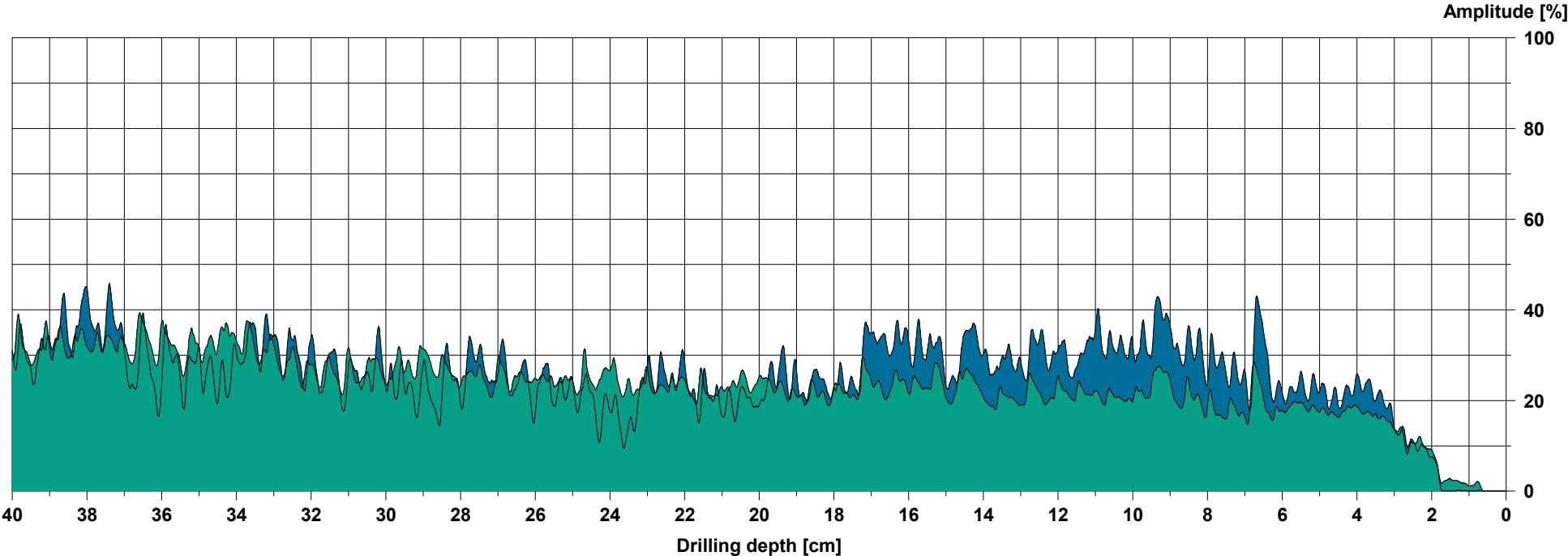


Assessment

Comment

Measuring / object data

Measurement no.:	2	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0958 Oak N 01	Needle state:	---	Level	:
Drilling depth	: 40,00 cm	Tilt	: ---	Direction:	
Date	: 25.11.2025	Offset	: 115 / 352	Species	:
Time	: 10:28:23	Avg. curve	: off / off	Location	:
Feed	: 100 cm/min			Name	:

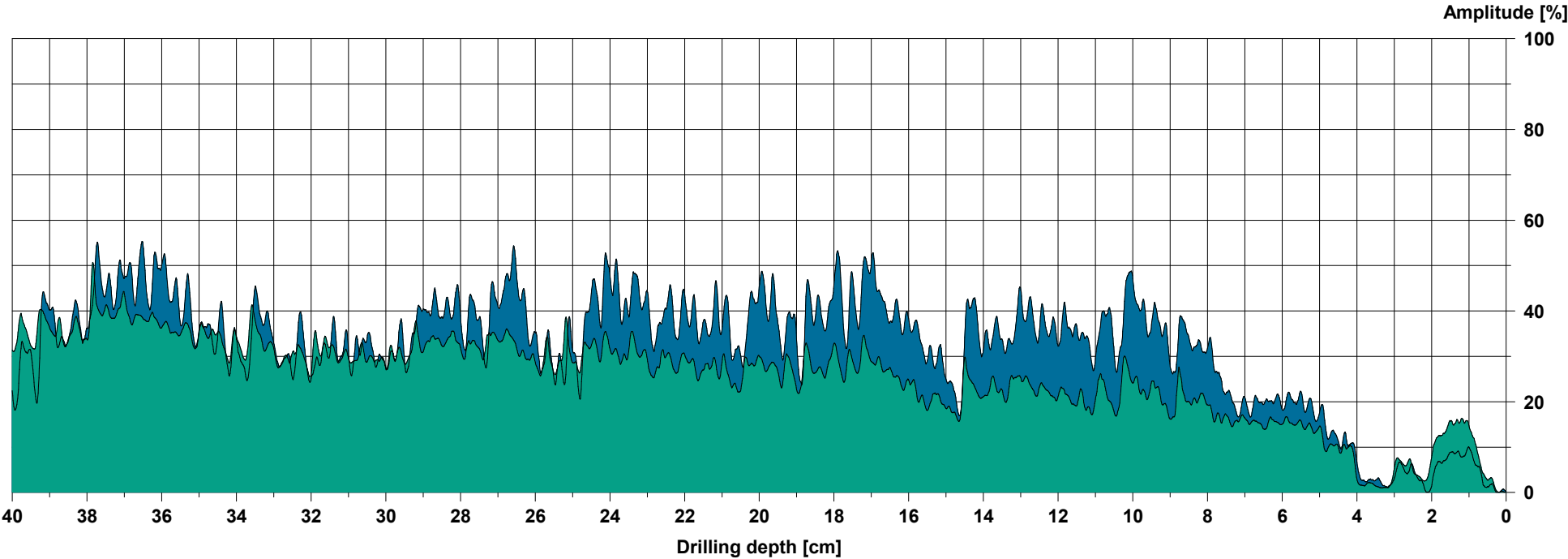


Assessment

Comment

Measuring / object data

Measurement no.:	3	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0958 Oak N 02	Needle state:	---	Level	:
Drilling depth	: 40,00 cm	Tilt	: ---	Direction:	
Date	: 25.11.2025	Offset	: 108 / 446	Species	:
Time	: 10:29:35	Avg. curve	: off / off	Location:	
Feed	: 100 cm/min			Name	:

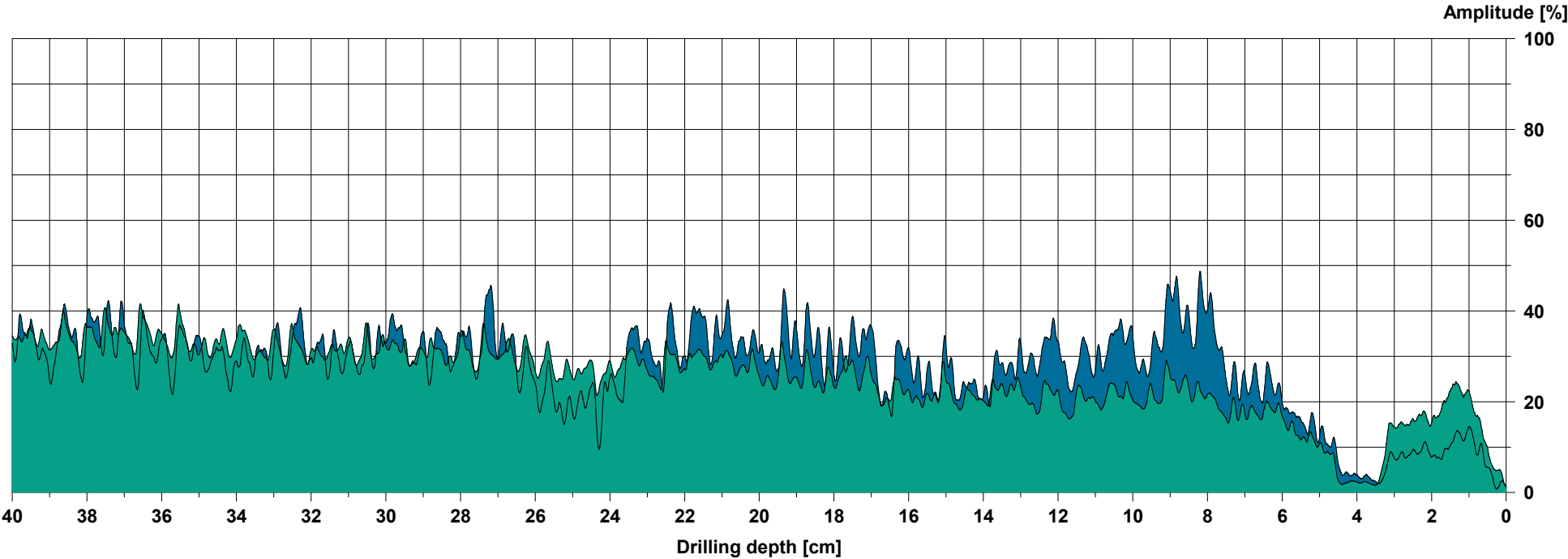


Assessment

Comment

Measuring / object data

Measurement no.:	4	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0958 Oak S 03	Needle state:	---	Level	:
Drilling depth	: 40,00 cm	Tilt	: ---	Direction:	
Date	: 25.11.2025	Offset	: 119 / 385	Species	:
Time	: 10:35:15	Avg. curve	: off / off	Location:	
Feed	: 100 cm/min			Name	:

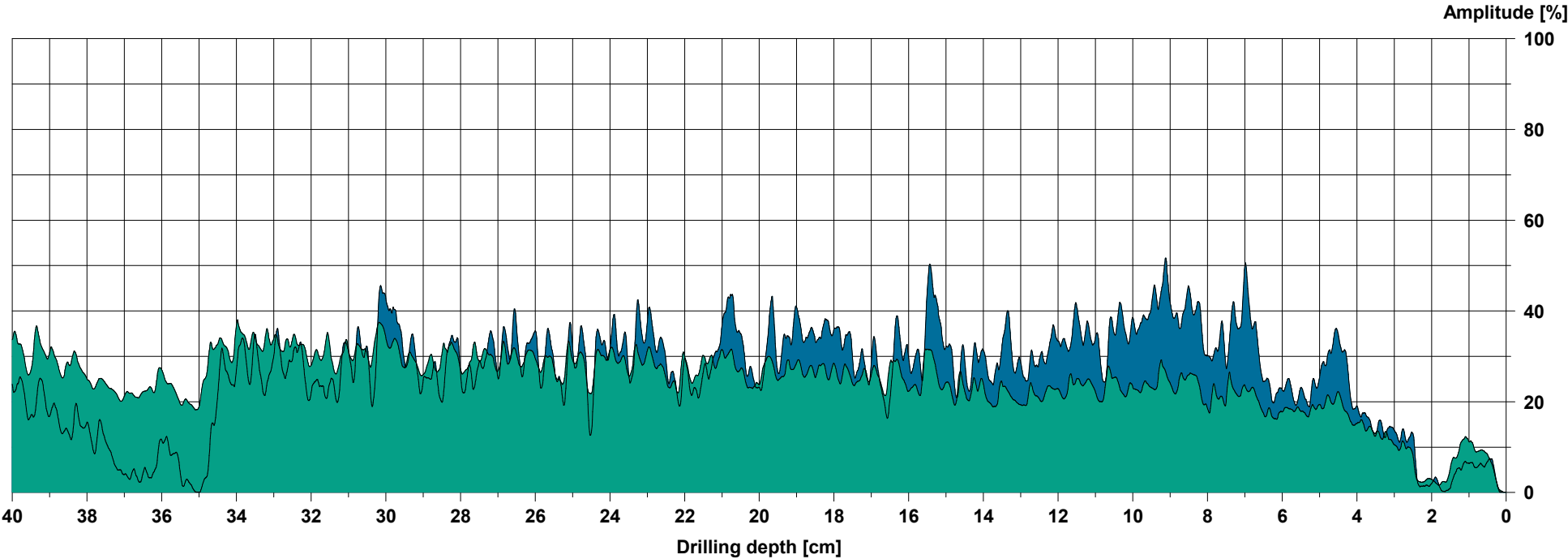


Assessment

Comment

Measuring / object data

Measurement no.:	5	Speed	: 5000 r/min	Diameter:	
ID number	: William Stukeley School 0958 Oak W 04	Needle state:	---	Level	:
Drilling depth	: 40,00 cm	Tilt	: ---	Direction:	
Date	: 25.11.2025	Offset	: 117 / 379	Species	:
Time	: 10:37:06	Avg. curve	: off / off	Location:	
Feed	: 100 cm/min			Name	:



Assessment

Comment