

Sites:

Site Visit Date: **20th February 2018**

Billys Copse, PO95EF

9 – 35 Ditcham Crescent, PO9 3BY

Tree adjacent to 2a Well Meadow, PO9 4LW

Client: **Vivid Housing Association**

Scope of Works

The trees located within the boundaries of Vivid Housing Associations Communal Land have been inspected using an industry recognised system of Visual Tree Assessment (VTA). Trees are assessed for risk, taking into account features such as general health, vigour, condition of the trunk, branches and foliage, buttress roots, the presence of decay fungi and other indicators of health status and mechanical defects which may affect structural stability.

The trees within this report have been inspected from ground level. In addition the trees have been drilled using a Resistograph. This seeks to measure the internal wood properties around the area of drilling. All drilling was undertaken from ground level.

To carry out Resistograph tests on 11 trees within the Priority 7 of Portsmouth T3193, T3255, T3259, T3172, T3173, T3174, T3175, T3176, T3177, T3178, T3179 have previously been identified for holding gross defects investigating for structural soundness and decay mapping. Please note that the tree numbers within this report correlate with the 2017 Hazard Survey.

Conclusion

T3193, T3255, T3259, T3172, T3173 and T3176 held gross defects upon resistograph inspection with a t/R ratio of below the industry recommended 30% point. In hollow tree stems, the ratio of the thickness of sound wood to the radius. A criterion helpful in evaluating tree risk developed by Mattheck & Breloer (1994). This would suggest that the likelihood of failure at test point to be significant even under normal climatic circumstances. It should be noted that t/R ratio does not take into account tree height, and as such does not define the user's preliminary recommendations.

T3174, T3175, T3177, T3178 and T3179, were noted to show no signs of major internal decay on the main stem, however it hosts many long lateral limbs over the adjacent building and paths. Given this trees location we have recommended that the trees are subjected to a reduction of the long lateral limbs is implemented.

All works are to be undertaken as per the recommendation outlined in the attached tree table works schedule.

Statutory Protection

Given our checks with the Local planning authority we can confirm that the trees within this site are / is subject to statutory protection by means of Tree Preservation Orders or located within a Conservation area.

Before any tree works are carried out the presence of Tree Preservation Orders (TPO) or Conservation Area status should be established with the Local Planning Authority and permission from neighbours if trees are outside the curtilage of the property obtained.

All tree works should be carried out by qualified, trained and fully insured operators in accordance with BS 3998: 2010 'Recommendations to Tree Works'. In the event trees are to be removed we can source suitably qualified contractors to quote for the works.



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**Prepared by
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Our Ref 0218-2315-JGS (3)
February 2018**

Tree Table

Tree No.	Tree Species	Hgt (m)	Past Management	Age Class	Risk Target	TPO	Defects	Works	Work Priority
T3193 Tag:1355	Lime	15m to 20m	No significant recent management	Mature	High (Inspect again within 2018)	No protection Havant online search	Major basal decay cavity from removed / failed twin stem. 10-20% crown dieback with moderate dead wood. Epicormics growth on main stem. Slightly asymmetric canopy.	Pollard to 4m in height.	Works with 6 months
T3255 Tag:1361	Oak	15m to 20m	No significant recent management	Mature	High (Inspect again within 2018)	No protection Havant online search	Leaning tree over high target area, located on stream bank. Significant basal decay cavity on stem, multiple pruning wounds on main stem. Major decay noted within stem.	Pollard to 4m in height leaving main stem as habitat.	Works with 6 months
T3259 Tag:1363	Oak	15m to 20m	No significant recent management	Mature	High (Inspect again within 2018)	No protection Havant online search	Leaning tree over high target area, located on stream bank. Significant basal decay cavity on stem, multiple pruning wounds on main stem. Major decay noted within stem.	Pollard to 5m in height leaving main stem as habitat.	Works with 6 months
T3172 Tag:1337	Oak	15m to 20m	No significant recent management	Mature	High (Inspect again within 2018)	TPO Number: 1370 Tree Number: T6	Major decay noted on southern side of stem, multiple pruning wounds on main stem. Subject to previous reduction. Moderate crown deadwood. Tree located in High Risk Zone.	Arrange meeting with Tree officer. Pollard to 3m (Monolith). Replacement plant area with Oak trees.	Works with 6 months
T3173 Tag:1338	Oak	15m to 20m	No significant recent management	Mature	High (Inspect again within 2018)	TPO Number: 1370 Tree Number: T8	Major decay noted on Western side of stem, multiple pruning wounds on main stem. Subject to previous reduction. Moderate crown deadwood. Tree located in High Risk Zone.	Arrange meeting with Tree officer. Pollard to 3m (Monolith). Replacement plant area with Oak trees.	Works with 6 months
T3174 Tag:1339	Oak	15m to 20m	No significant recent management	Mature	High (Inspect again within 2018)	TPO Number: 1370 Tree Number: T7	Major decay noted on Western side of stem, multiple pruning wounds on main stem. Subject to previous reduction. Moderate crown deadwood. Tree located in High Risk Zone., Major basal wounding.	Arrange meeting with Tree officer. Reduce to previous point 2-3m reduction, remove deadwood, climbing inspection.	Works with 6 months

Tree No.	Tree Species	Hgt (m)	Past Management	Age Class	Risk Target	TPO	Defects	Works	Work Priority
T3175 Tag:1340	Oak	15m to 20m	No significant recent management	Mature	High (Inspect again within 2018)	TPO Number: 1370 Tree Number: T5	No gross defect noted, tree leaning over high target area, multiple pruning wounds on main stem. Minor crown dead wood noted.	Arrange meeting with Tree officer. Reduce long lateral limbs over car parking area by 1-2m.	Works with 6 months
T3176 Tag:0980	Oak	15m to 20m	No significant recent management	Mature	High (Inspect again within 2018)	TPO Number: 1370 Tree Number: T4	Decay wound at base on west side with moderate decay. Asymmetric canopy, moderate crown dead wood/ crown retrenchment.	Arrange meeting with Tree officer. Pollard to 6m.	Works with 6 months
T3177 Tag:1341	Oak	15m to 20m	No significant recent management	Mature	High (Inspect again within 2018)	TPO Number: 1370 Tree Number: T3	10-20% crown retrenchment, moderate crown dead wood. Multiple pruning wounds on main stem. Wounding at base of tree with moderate decay noted, slightly asymmetric canopy.	Arrange meeting with Tree officer. Reduce by 1-2m all round to previous reduction points.	Works with 6 months
T3178 Tag:1342	Oak	15m to 20m	No significant recent management	Mature	High (Inspect again within 2018)	TPO Number: 1370 Tree Number: T2	No gross defect noted, 10-20% crown retrenchment, moderate crown dead wood noted, multiple pruning wounds on main stem, wounding at base of tree minor/ moderate decay noted. Asymmetric canopy. Low vitality noted, Twin stemmed tree at 4m in height with moderate included union.	Arrange meeting with Tree officer. Reduce by 1-2m all round to previous points of reduction, remove deadwood.	Works with 6 months
T3179 Tag:0926	Oak	15m to 20m	No significant recent management	Mature	High (Inspect again within 2018)	TPO Number: 1370 Tree Number: T1	No gross defect noted, unable to fully inspect due to Ivy. Twin stem at 1.4m in height with moderate included union. Evidence of previous branch failure, multiple pruning wounds on main stem. Subject to previous reduction.	Arrange meeting with Tree officer. 15% crown thin all round, remove deadwood and undertake climbing inspection. Remove ivy re-inspect.	Works with 6 months

Photographs



T3259 - Oak



T3255 - Oak



T3172- T3179 - Oaks

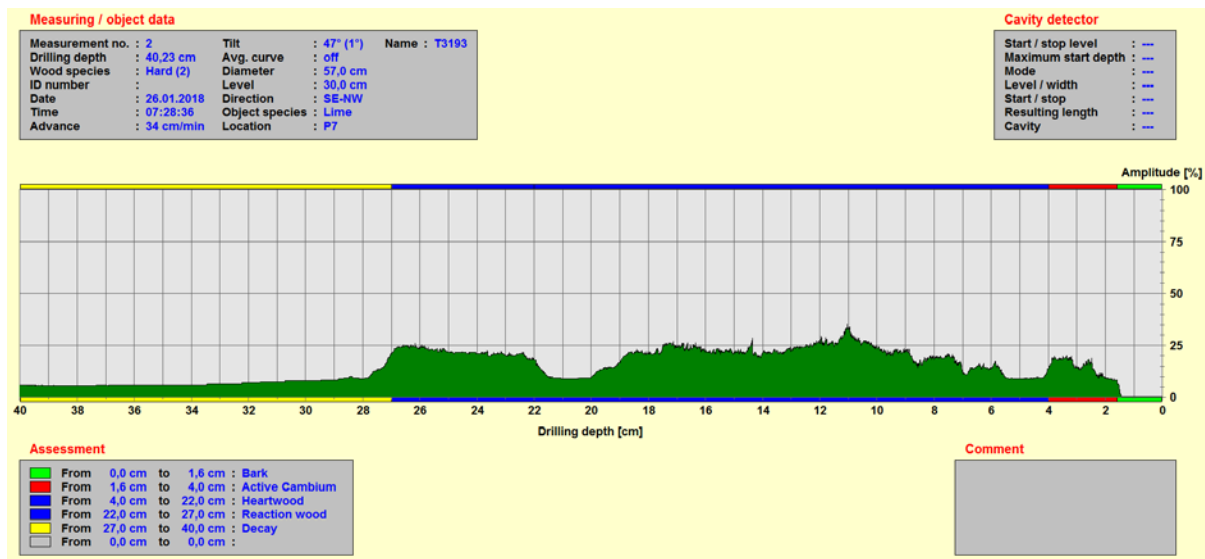


T3193 - Lime

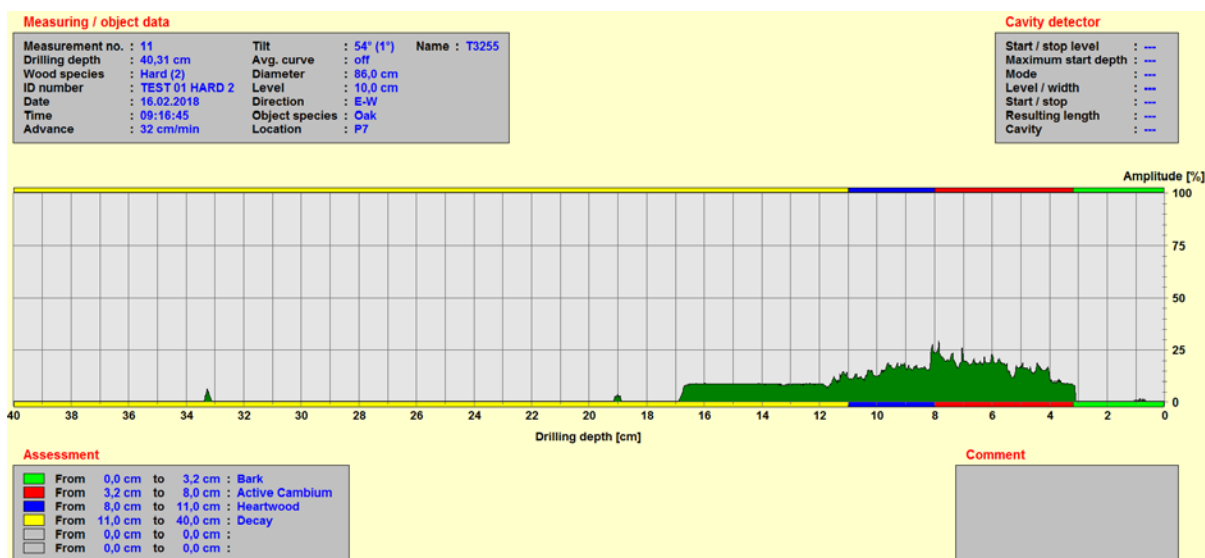
Resistograph Readings

The recommendations of the trees surveyed have been implicated due to the trees location and the significance of defects noted at the time of inspection. It is important that all recommendations are implemented within the time span specified within the tree tables. Please note we have carried multiple readings out on each tree, these will be stored on our system, and we have displayed a single reading from each tree below.

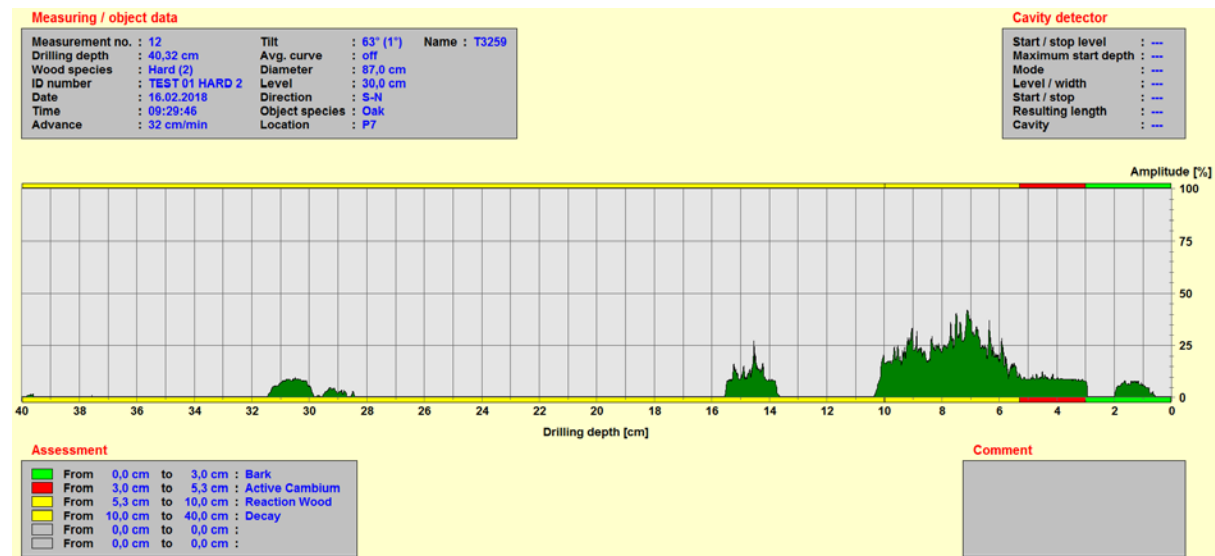
T3193, Measurement 2



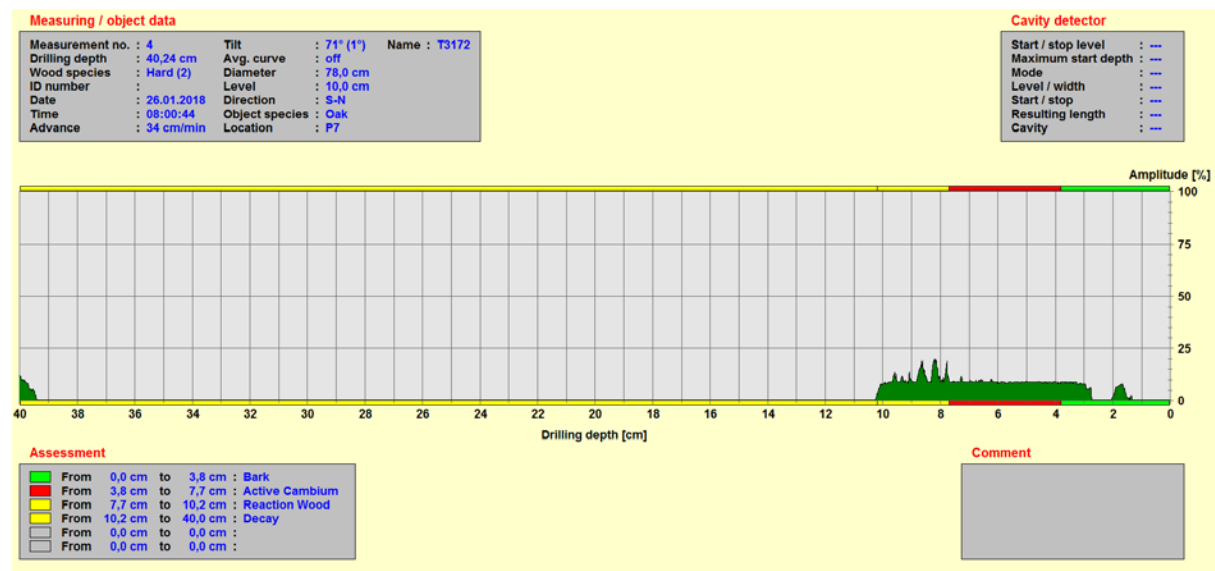
T3255, Measurement 4



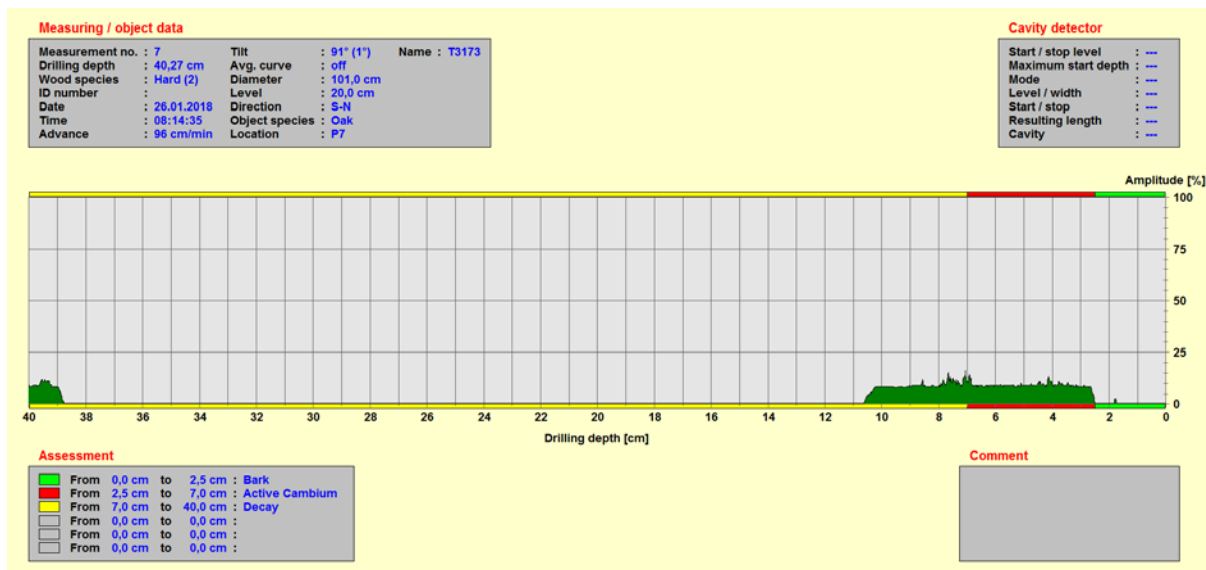
T3259, Measurement 1



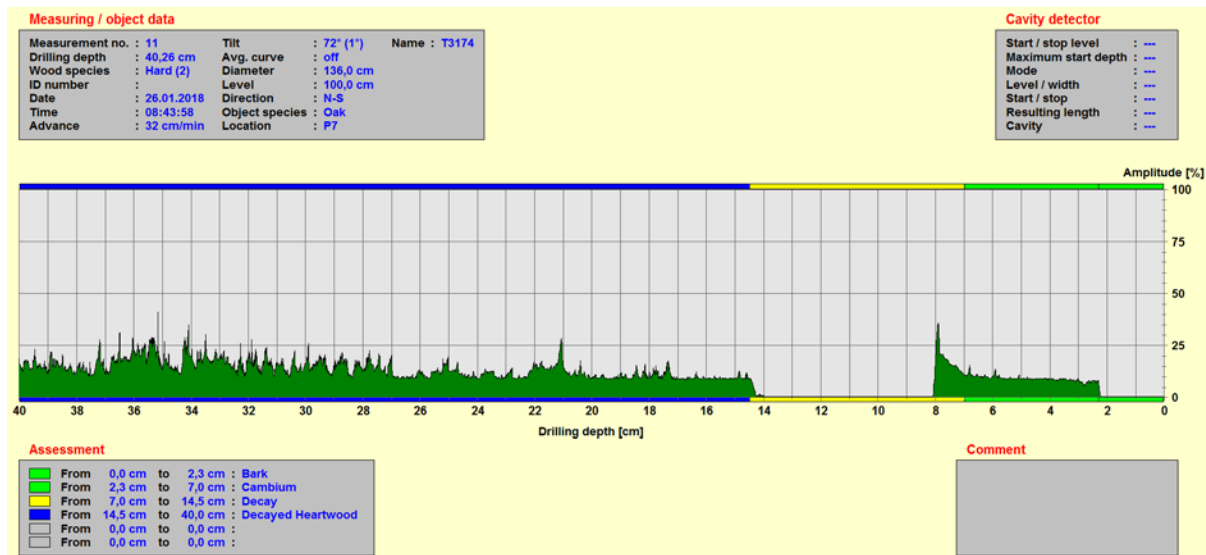
T3172, Measurement 1



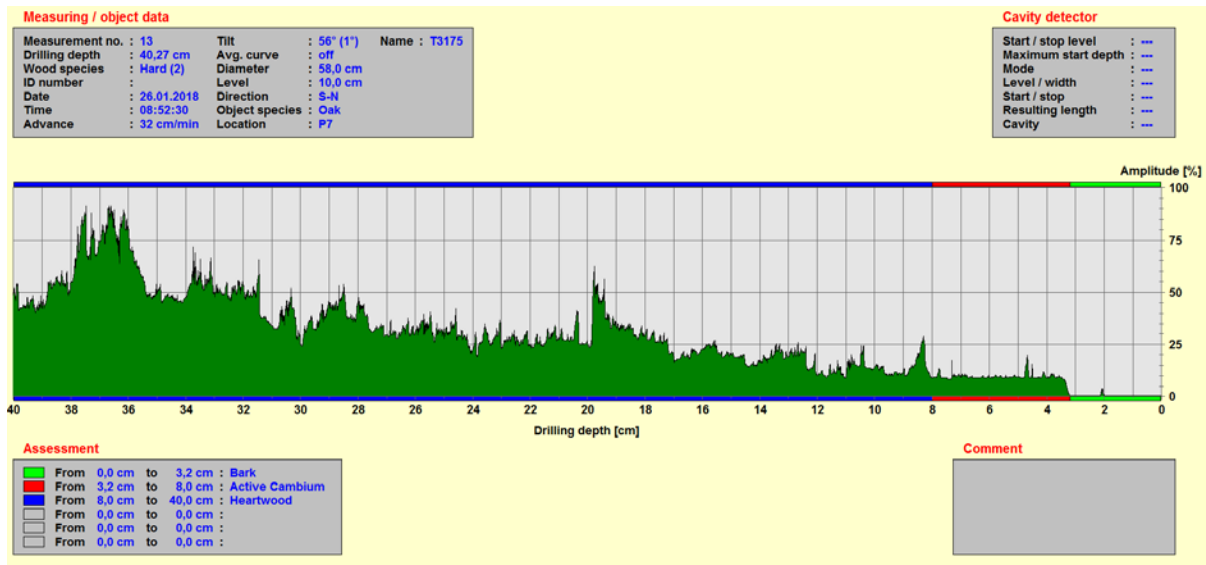
T3173, Measurement 1



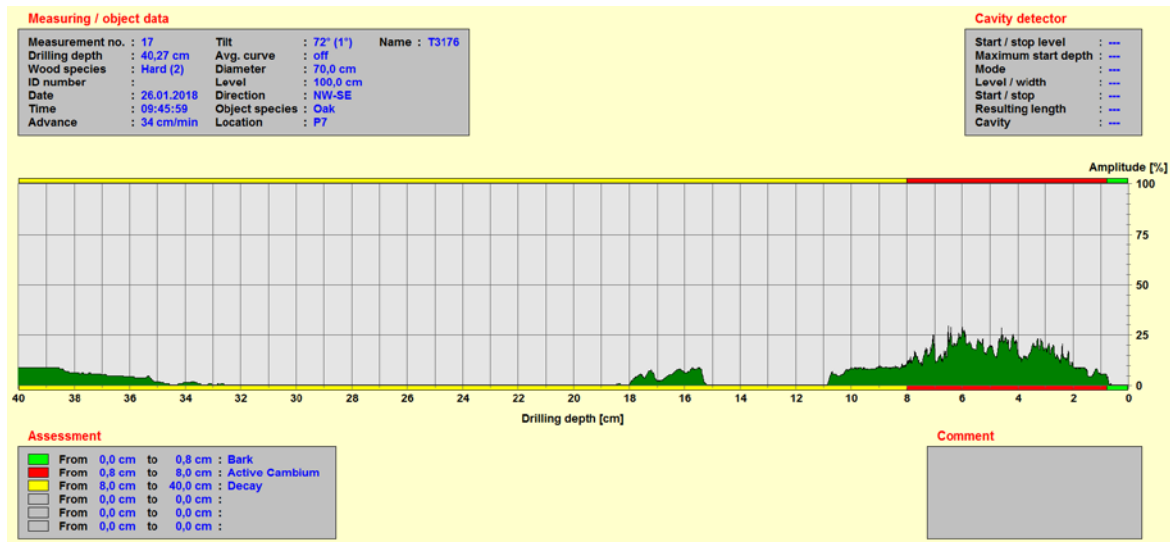
T3174, Measurement 2



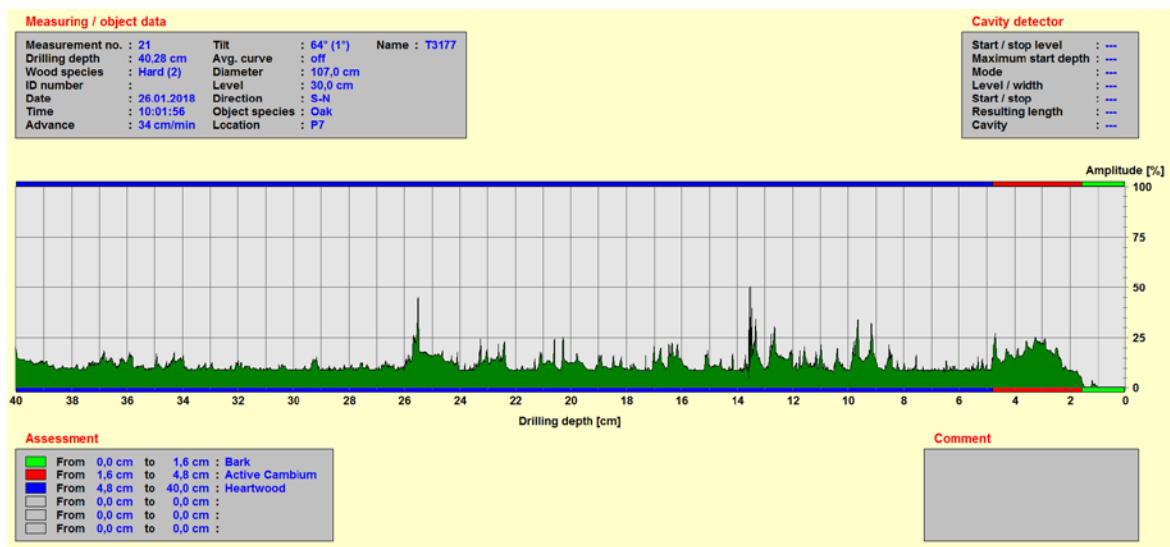
T3175, Measurement 1



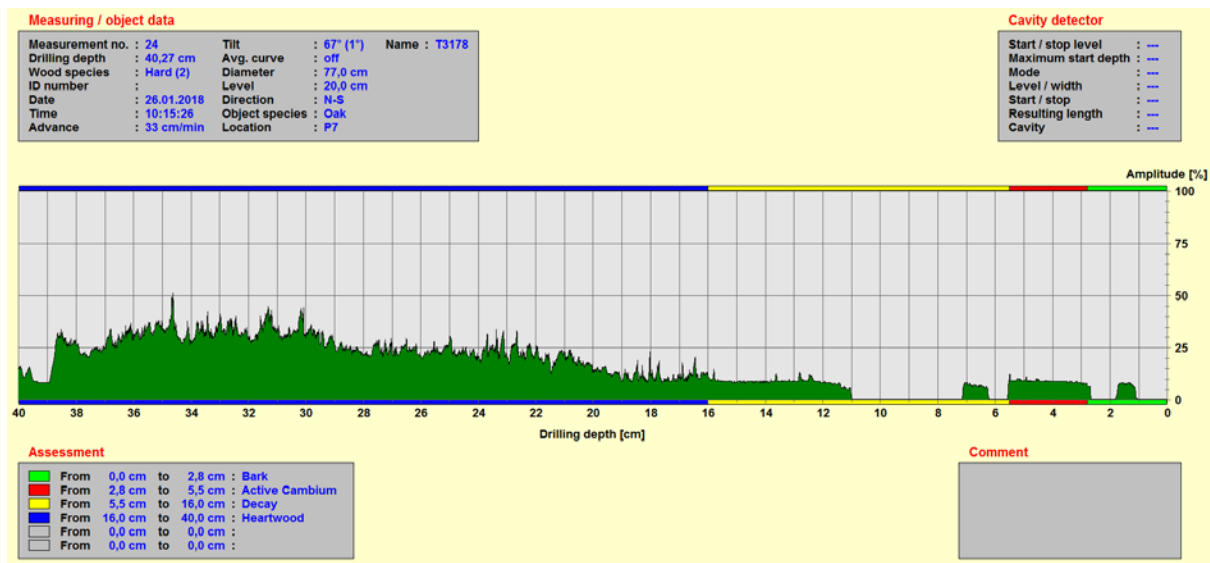
T3176, Measurement 2



T3177, Measurement 3



T3178, Measurement 3



T3179, Measurement 1

