TIM MOYA ASSOCIATES

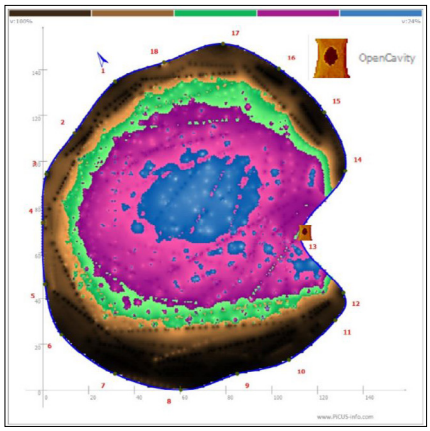
DECAY DETECTION

PiCUS & RESI PD

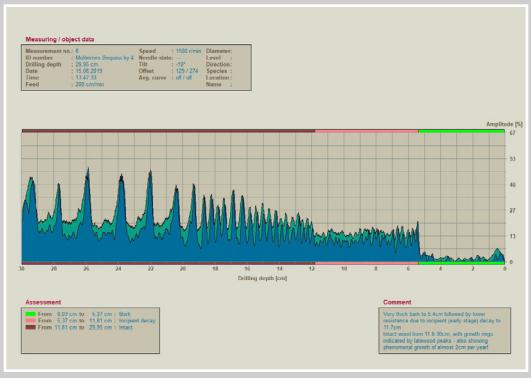
PiCUS investigations involve an assessment of the consistency of wood within a tree by passing sound waves through the trunk and measuring how long they take to reach sensors placed around the circumference. Sound travels relatively slowly through or around decayed wood.

Each Tomogram includes a scale at the top showing;

HIGHERVELOCITYTOLOWERVELOCITY
indicating
SOUNDWOODTODECAYEDWOOD



RESI Power Drill testing involves measuring the levels of resistance to drilling by passing a very fine drill through the wood to determine its consistency. The results show high peaks and low peaks for relatively high and low resistance. Decayed wood normally has lower resistance to drilling.



This advanced equipment provides greater understanding of levels of decay in trees, which enables an informed decision about any remedial works that may be necessary to reduce the risk of tree failure. To use the PiCUS we require access around the trunk of the tree.

The RESI PD can be used to confirm PiCUS test results or to test areas where the PiCUS is not suitable, such as buttress roots or small trees.

TMA have both sets of equipment and bring them at no extra cost to the customer, enabling us to provide reports with detailed information to safely manage decayed trees.