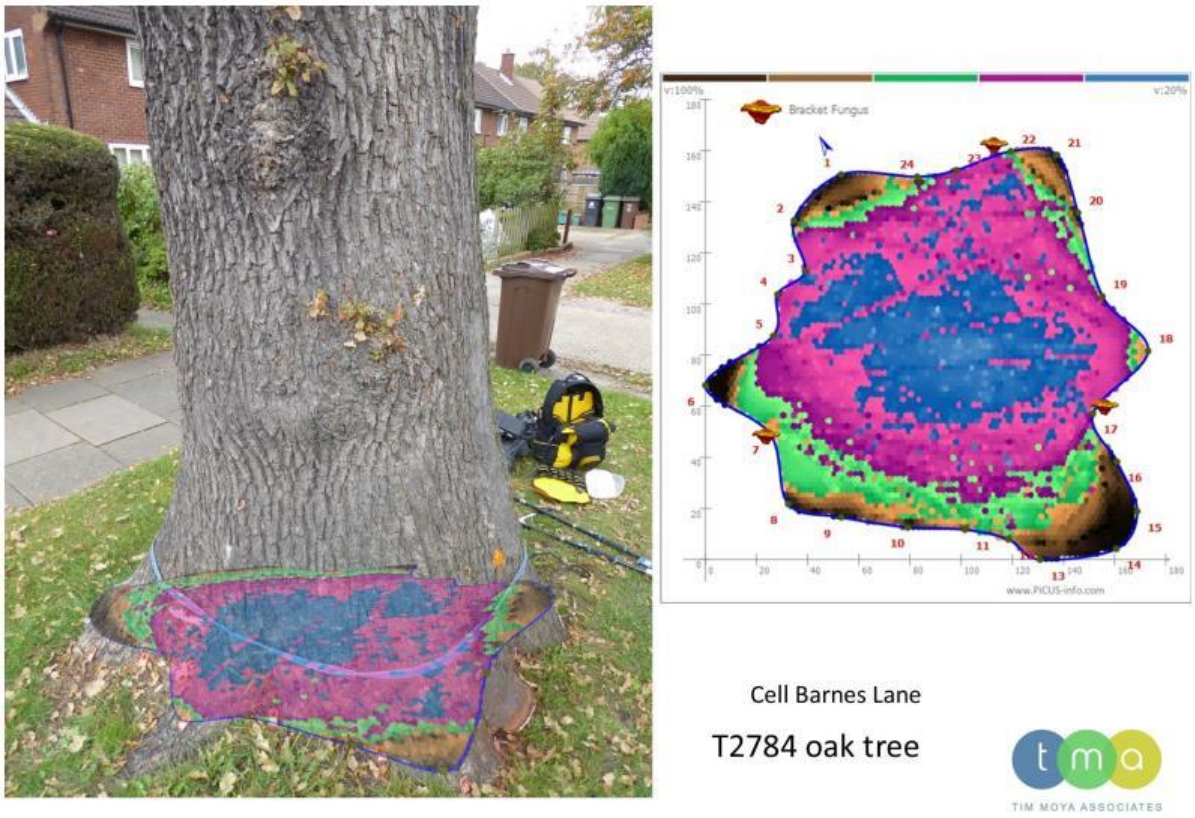
5 T2784 OAK TREE - CELL BARNES LANE

T2784 oak tree Cell Barnes Lane: with map showing location (tree highlighted in red) and Ganoderma sp. fungal fruit bodies around the base.

5.1 A large, late-mature tree in poor physiological condition with moderate vitality and well-developed buttressing growing in a grass verge by a busy road within falling distance of residential properties and car parking.

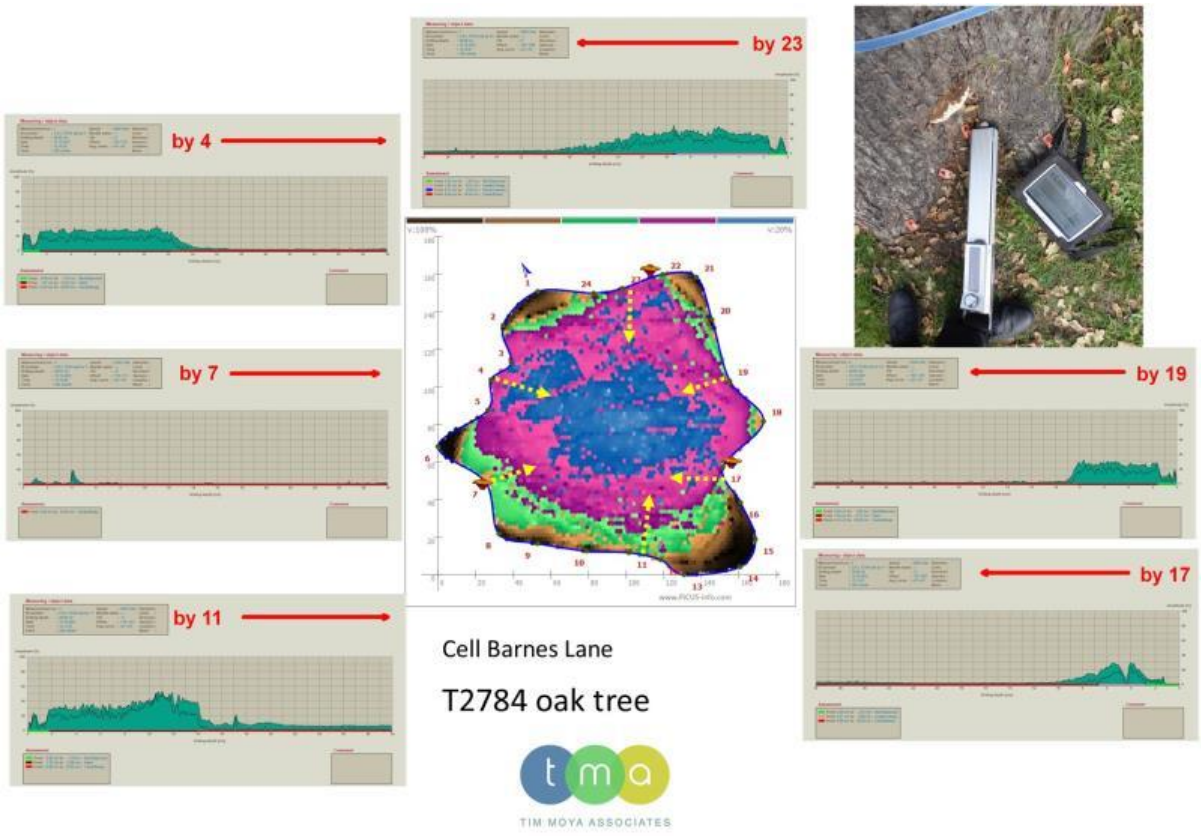
5.2 ***Ganoderma*** sp[5] fungal fruit bodies are present around the base and tap testing indicates significant internal decay/hollowing. The crown of the tree has recently been significantly reduced.



T2784 oak tree Cell Barnes Lane PiCUS: sonic tomogram (right) superimposed in approximate position over the stem (left).

5.3 The tomogram reveals low velocities indicating decay/hollowing (blue, pink) which is developing (green) within a small proportion of sound wood (dark brown) remaining around the circumference.

5.4 The process of sonic tomography can exaggerate internal decay around the circumference where internal decay (or cracks) are present, so additional testing using the RESI PD was undertaken.



T2784 oak tree Cell Barnes Lane RESI PD: graphs with direction and location indicated, shown around the tomogram for reference with an image of a test being undertaken.

5.5 The graphs reveal very little sound wood remaining around the circumference and confirm significant internal decay/hollowing is present at the base of the tree.

5.6 The extent of decay identified in this investigation is considered to present an unacceptable risk of harm or damage through tree failure, so tree removal (and replacement) is recommended.

5.7 Please see below and updated tree record on the MyTrees server for details.