## ROOT IDENTIFICATION

## for Subsidence Management Services

## Greymartin, Backworth Lane, Newcastle Upon Tyne, NE27 OAL

Client: Subsidence Management Services

Client Contact: Ulrich Schubert
Claim Number: 102124124

Client Reference: IFS-LBG-SUB-18-0079347
Policy Holder: Mrs Ellen Thomson
Report Date: 11 December 2018

Our Ref: R25509



Intec Parc Menai, Bangor, Gwynedd, North Wales LL57 4FG Tel: 01248 672652

| Sub Sample | Species Identified  |   | Root Diameter | Starch   |
|------------|---|---|---------------|----------|
| TP/BH1:    |   |   |               |          |
| 0.5-2.5m   | Acer spp.   | 1 | 2 mm          | Moderate |
| 0.5-2.5m   | Pomoideae gp.   |   | <1 mm         | Moderate |
| 0.5-2.5m   | broadleaved species, too juvenile for positive identification | 2 | <1 mm         | Absent   |
| TP/BH2:    |   |   |               |          |
| 0.74-2.2m  | Acer spp.   | 3 | 4 mm          | Absent   |
| 0.74-2.2m  | Salix spp. *  | 4 | 2 mm          | Moderate |

## **Comments:**

- 1 Plus 2 others also identified as Acer spp.
- 2 Possibly Fraxinus spp. (ash).
- 3 Very decayed.
- 4 Plus 3 others also identified as Salix spp.

Acer spp. are maples, including sycamore, Norway maple, and Japanese maples.

Pomoideae gp include apple, cotoneaster, hawthorn, pear, pyracantha, quince, rowan, snowy mespil and whitebeam.

Salix spp. are willows.

\* EPSL research has developed a unique ability to differentiate Willows from Poplars. No other laboratory in the UK can currently provide this service. We now offer this benefit at no extra cost.

Signed: G S Turner

Unless we are otherwise instructed in writing, the above sample material will normally be disposed of 6 years after the date of this report.



