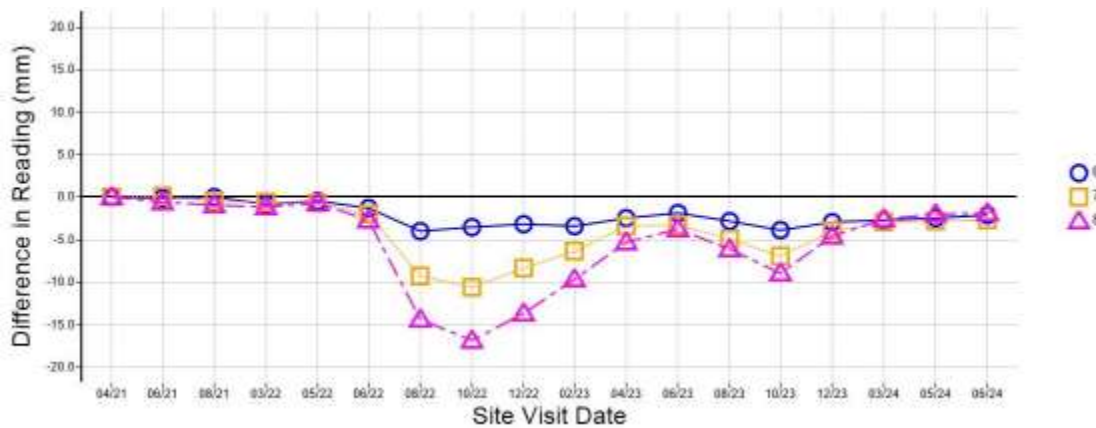


## Site investigation data

### Monitoring data



Movement of foundations away from the area of damage.



Movement of foundations around the area of damage.

### Tree root Identification

Sub Sample	Species Identified	Root Diameter	Starch
<b>TP/BH2:</b>			
0.7-1.7m	<i>Aesculus</i> spp.	5 mm	Abundant
0.7-1.7m	<i>Quercus</i> spp.	1	Moderate
1.7-2.7m	<i>Quercus</i> spp.	2	Moderate
1.7-2.7m	<i>Aesculus</i> spp.	3	Low

#### Comments:

- 1 - Plus 2 others also identified as *Quercus* spp.
- 2 - Plus 2 others also identified as *Quercus* spp.
- 3 - Rather juvenile.

*Aesculus* spp. are horse chestnuts.

*Quercus* spp. are oaks (both deciduous and evergreen).

Tree root identification around the area of damage.

### Laboratory testing of subsoil below the foundations.

Lab Ref	Depth (m)	WC (%)	LL (%)	PL (%)	PI (%)	.425 mm(%)	mod. PI (%)	Av. Suc. (kPa)	Description
1	0.7	12.1	32	18	14	56	8		Moist dark brown slightly sandy gravelly TOPSOIL with rare pockets of clay. Gravel is fine, medium and coarse.
2	1.2	7.8	32	18	14	56	8		Moist dark brown slightly sandy gravelly TOPSOIL with rare brick fragments and pockets of clay. Gravel is fine, medium and coarse.
3	1.7	22.0	71	20	51	91	46		Firm to stiff brown/orange-brown/grey veined slightly sandy slightly gravelly silty CLAY with rare sand. Gravel is fine and medium.
4	2.2	20.0	71	20	51	91	46		Firm to stiff brown/orange-brown/grey veined slightly sandy slightly gravelly silty CLAY with rare sand. Gravel is fine and medium.
5	2.7	27.1	71	20	51	91	46		Firm to stiff brown/orange-brown/grey veined slightly sandy slightly gravelly silty CLAY with rare sand. Gravel is fine and medium.
6	3.2	24.8	71	20	51	91	46		Firm to stiff brown/orange-brown/grey veined slightly sandy slightly gravelly silty CLAY with rare sand. Gravel is fine and medium.
7	3.7	26.6	71	20	51	91	46		Firm brown/orange-brown/grey veined slightly sandy slightly gravelly silty CLAY . Gravel is fine and medium.

Atterberg testing of subsoil around the rea of damage.