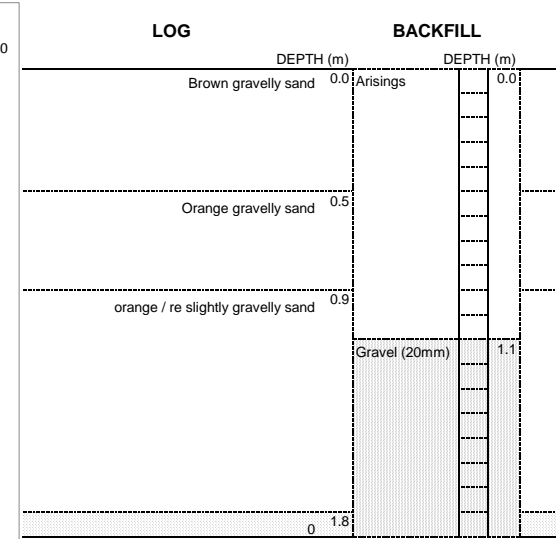
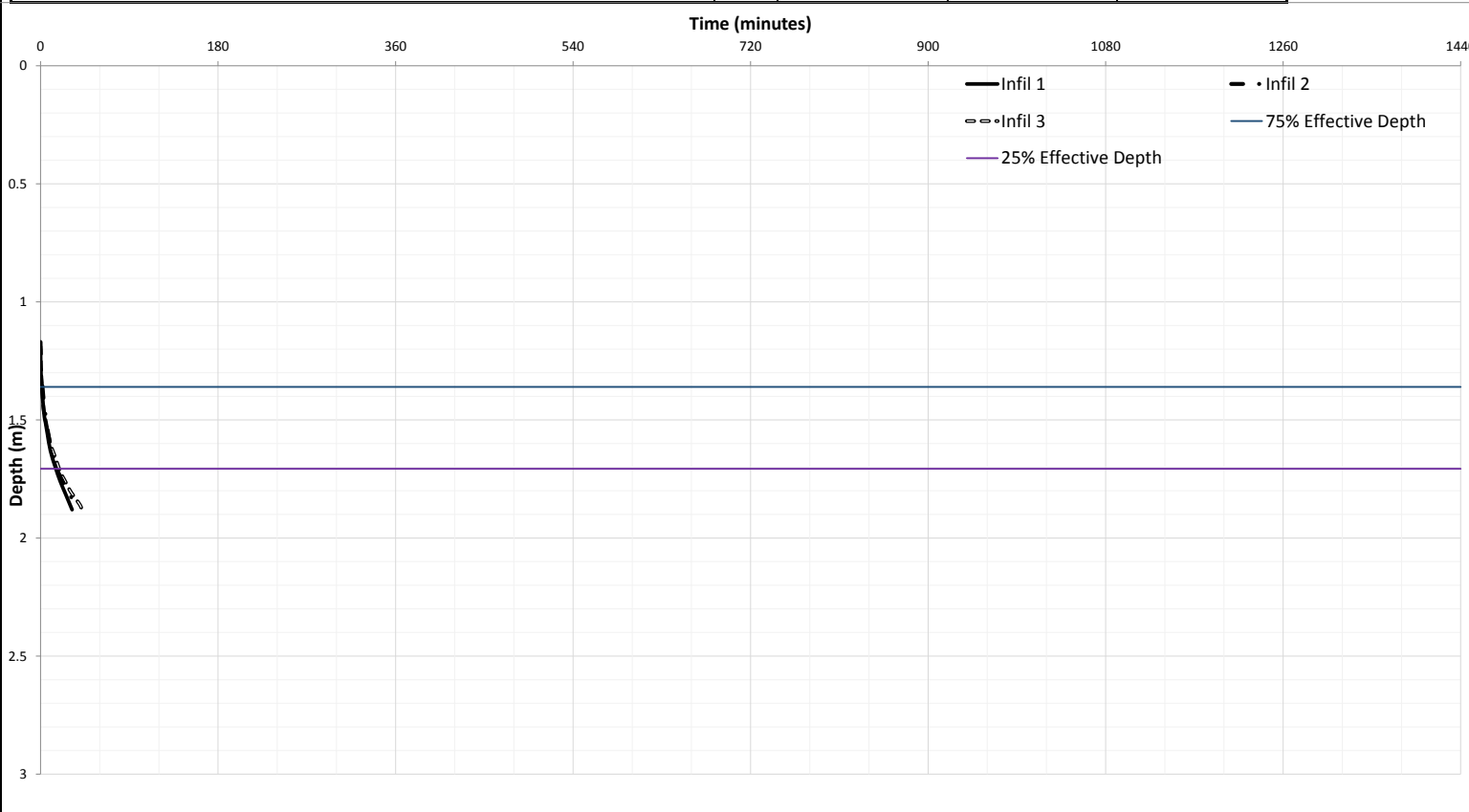


|   | units | Fill 1              | Fill 2              | Fill 3              |
|---|-------|---------------------|---------------------|---------------------|
| Depth (final reading)   | m     | 1.88                | 1.88                | 1.88                |
| Pit depth   | m     |                     | 1.90                |                     |
| Pit length  | m     |                     | 1.80                |                     |
| Pit width   | m     |                     | 0.40                |                     |
| Depth to first reading  | m     | 1.20                | 1.17                | 1.19                |
| Maximum effective depth   | m     | 0.68                | 0.71                | 0.69                |
| Depth at 75% full   | m     | 1.37                | 1.35                | 1.36                |
| Depth at 25% full   | m     | 1.71                | 1.70                | 1.71                |
| Time at 75% full  | mins  | 1.58                | 1.81                | 1.66                |
| Time at 25% full  | mins  | 17.08               | 17.75               | 20.31               |
| Vp75 - 25 (volume outflowing between 75% and 25% effective depth) | m3    | 0.088               | 0.092               | 0.089               |
| Mean surface area for outflow (50% effective depth)               | m2    | 2.26                | 2.33                | 2.28                |
| Time for outflow  | mins  | 15.50               | 15.94               | 18.65               |
| Soil infiltration rate, f =                                       |       | <b>0.0000419640</b> | <b>0.0000413535</b> | <b>0.0000350335</b> |
| or  |       | <b>4.20E-05</b>     | <b>4.14E-05</b>     | <b>3.50E-05</b>     |

|                                    |     |
|------------------------------------|-----|
| Recommended soil infiltration rate |     |
| 3.50E-05                           | m/s |



|                                       |                                  |  |              |                |
|---------------------------------------|----------------------------------|--|--------------|----------------|
|                                       | PROJECT NAME                     | <b>SOAKAWAY TEST RESULTS</b><br><br><i>In accordance with BRE Digest 365 (1991 with amendments in 2003 and 2007)</i> | DATE         | PROJECT NUMBER |
|                                       | Jasmin Green, Birchwood, Lincoln |  | Jan-17       | 16-1044.01     |
|                                       | CLIENT                           |  | SOAKAWAY NUM | FILL NUMBER    |
| Birchwood Big Local Partnership Board | <b>SA103</b>                     | <b>1-3</b>   |              |                |