|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Survey details** | | | | **Resistivity datasets** | | | | **GPR datasets** | | | | | | | |
| **Year post-burial** | **Survey date** | **Survey day after burial+** | **Accum-ulated Degree Day\*** | **ERM** | | **ERI** | | **110 MHz** | | **225 MHz** | | **450 MHz** | | **900 MHz** | |
| Naked pig | Wrap pig | Naked pig | Wrap pig | Naked pig | Wrap pig | Naked pig | Wrap pig | Naked pig | Wrap pig | Naked pig | Wrap pig |
| Year 0 | 19.12.2007 | 12 | 65 |  |  | N/A | N/A |  |  |  |  |  |  |  | N/A |
| Year 1 | 04.12.2008 | 363 | 3,732 |  |  |  |  |  |  |  |  |  |  |  | N/A |
| Year 2 | 13.11.2009 | 707 | 7,371 |  |  |  |  |  |  |  |  |  |  |  | N/A |
| Year 3 | 03.12.2010 | 1,092 | 11,026 |  |  |  |  |  |  |  |  |  |  |  | N/A |
| Year 4 | 06.12.2011 | 1,460 | 14,827 |  |  |  |  |  |  |  |  |  |  |  | N/A |
| Year 5 | 07.12.2012 | 1,827 | 18,636 |  |  |  |  |  |  |  |  |  |  |  | N/A |
| Year 6 | 18.12.2013 | 2,204 | 22,345 |  |  |  |  |  |  |  |  |  |  |  | N/A |
| Year 7 | 18.12.2014 | 2,568 | 26,503 |  |  |  |  |  |  |  |  |  |  |  |  |
| Year 8 | 14.12.2015 | 2,929 | 30,336 |  |  |  |  |  |  |  |  |  |  |  |  |
| Year 9 | 21.11.2016 | 3,272 | 34,273 |  |  |  |  |  |  |  |  |  |  |  |  |
| Year10 | 10.12.2017 | 3,656 | 38,477 |  |  |  |  |  |  |  |  |  |  |  |  |

**Supplementary Table S1.** Summary of annual geophysical surveys and respective anomalies (modified from47). +Burial date was 7th December 2007. \*ADD based on average daily site temperatures at 0.3 m bgl (see48). Key: Good ; Medium ; Poor ; chances of success. N/A denotes data not collected. Table does not differentiate on target size, burial depth / styles, other depositional environments (see12,71) and other case-specific factors.