

Hornsea Project Three
Offshore Wind Farm



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Preliminary Environmental Information Report:
Annex 1.1 – Borehole Logs (Part 1)

Date: July 2017

Environmental Impact Assessment
Preliminary Environmental Information Report

Volume 6
Annex 1.1 – Borehole Logs

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This report is also downloadable from the Hornsea Project Three offshore wind farm website at:
www.dongenergy.co.uk/hornseaproject3

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Front cover picture: Kite surfer near one of DONG Energy's UK offshore wind farms © DONG Energy Hornsea Project Three (UK) Ltd., 2016.

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Appendix A: Borehole Records (see Part 2, 3 and 4 of the document)

1. Introduction

1.1 Purpose

- 1.1.1.1 This annex provides details of all borehole log records within the onshore cable corridor search area. This is considered an adequate area to confirm the geology of the onshore cable corridor search area.
- 1.1.1.2 Error! Reference source not found. and Figure 1 (sheets 1 to 9) confirm the location of these boreholes. The logs of all the boreholes listed in Error! Reference source not found. are provided at the end of the annex. The borehole logs were obtained from British Geological Survey (BGS).
- 1.1.1.3 The information presented in this annex has been used to inform the baseline and impact assessment presented in volume 3, chapter 1: Geology and Ground Conditions.

Table 1.1: BGS Borehole Logs

| Easting | Northing | Label | BGS reference |
|---------|----------|-------------------------------|---------------|
| 610390 | 343440 | R A F Station Weybourne NO 1 | TG14SW23 |
| 610390 | 343330 | R A F Station Weybourne NO 2 | TG14SW24 |
| 610390 | 343250 | R A F Station Weybourne NO 3 | TG14SW25 |
| 610360 | 343170 | R A F Station Weybourne NO 4 | TG14SW26 |
| 611670 | 342860 | High Lodge Weybourne | TG14SW12 |
| 611010 | 343690 | Site of Beach House Weybourne | TG14SW14 |
| 611300 | 333200 | Great Farm Saxthorpe | TG13SW5 |
| 609980 | 328780 | Red Pit Farm Wood Dalling | TG02NE26 |
| 612370 | 322350 | Booton Norfolk | TG12SW1 |
| 612260 | 321620 | The Grove Booton | TG12SW27 |
| 612200 | 314270 | Morton Estate Norfolk 7 | TG11SW112 |
| 612710 | 313300 | Morton Estate Norfolk 5 | TG11SW114 |
| 612820 | 313270 | Morton Estate Norfolk 6 | TG11SW115 |
| 612780 | 313110 | Morton Estate Norfolk 4 | TG11SW117 |
| 612800 | 313300 | RW1-Ringland | TG11SW99 |
| 612800 | 313300 | RW2-Ringland | TG11SW100 |

| Easting | Northing | Label | BGS reference |
|---------|----------|--|---------------|
| 612750 | 310995 | A47 Norwich Southern By Pass 7 | TG11SW74 |
| 613560 | 309440 | Cobbs Grove Plantation Marlingford | TG10NW14 |
| 614140 | 308950 | North of Algarsthorpe | TG10NW20 |
| 614840 | 307600 | Valley Farm; Marlingford | TG10NW76 |
| 614680 | 307580 | Valley Farm Barford ABH | TG10NW45 |
| 616440 | 305810 | Burnthouse Lane Hethersett | TG10NE49 |
| 617345 | 304520 | Wyndham-Cringleford 27 | TG10SE93 |
| 617380 | 304440 | Wyndham-Cringleford 35 | TG10SE97 |
| 617500 | 304420 | East Of Hethersett Station | TG10SE7 |
| 619570 | 302330 | South-West Of Hospital Farm Swardeston | TG10SE18 |
| 621700 | 302250 | Norwich Cegb Substation Stoke Holy Cross 3 | TG20SW3 |
| 622090 | 302200 | Norwich Cegb Substation Stoke Holy Cross 1 | TG20SW1 |
| 622000 | 302200 | Walpole-Norwich 400kv Line 220 | TG20SW39 |
| 621880 | 302180 | Norwich Cegb Substation Stoke Holy Cross 2 | TG20SW2 |
| 621460 | 303660 | A47 Norwich Southern By Pass 147 | TG20SW90 |
| 620970 | 303600 | A47 Norwich Southern By Pass 144 (T) | TG20SW86 |
| 618420 | 303560 | South-West Of Hall Farm Intwood | TG10SE11 |
| 620640 | 303150 | Police House Swardeston | TG20SW55 |
| 622150 | 302740 | Norwich CEGB Substation Stoke Holy Cross 7 | TG20SW7 |
| 621790 | 302710 | Norwich CEGB Substation Stoke Holy Cross 5 | TG20SW5 |
| 621390 | 302570 | Walpole-Norwich 400kv Line 218 | TG20SW38 |
| 622130 | 302520 | Norwich CEGB Substation Stoke Holy Cross 6 | TG20SW6 |
| 621930 | 302450 | Norwich CEGB Substation Stoke Holy Cross 4 | TG20SW4 |

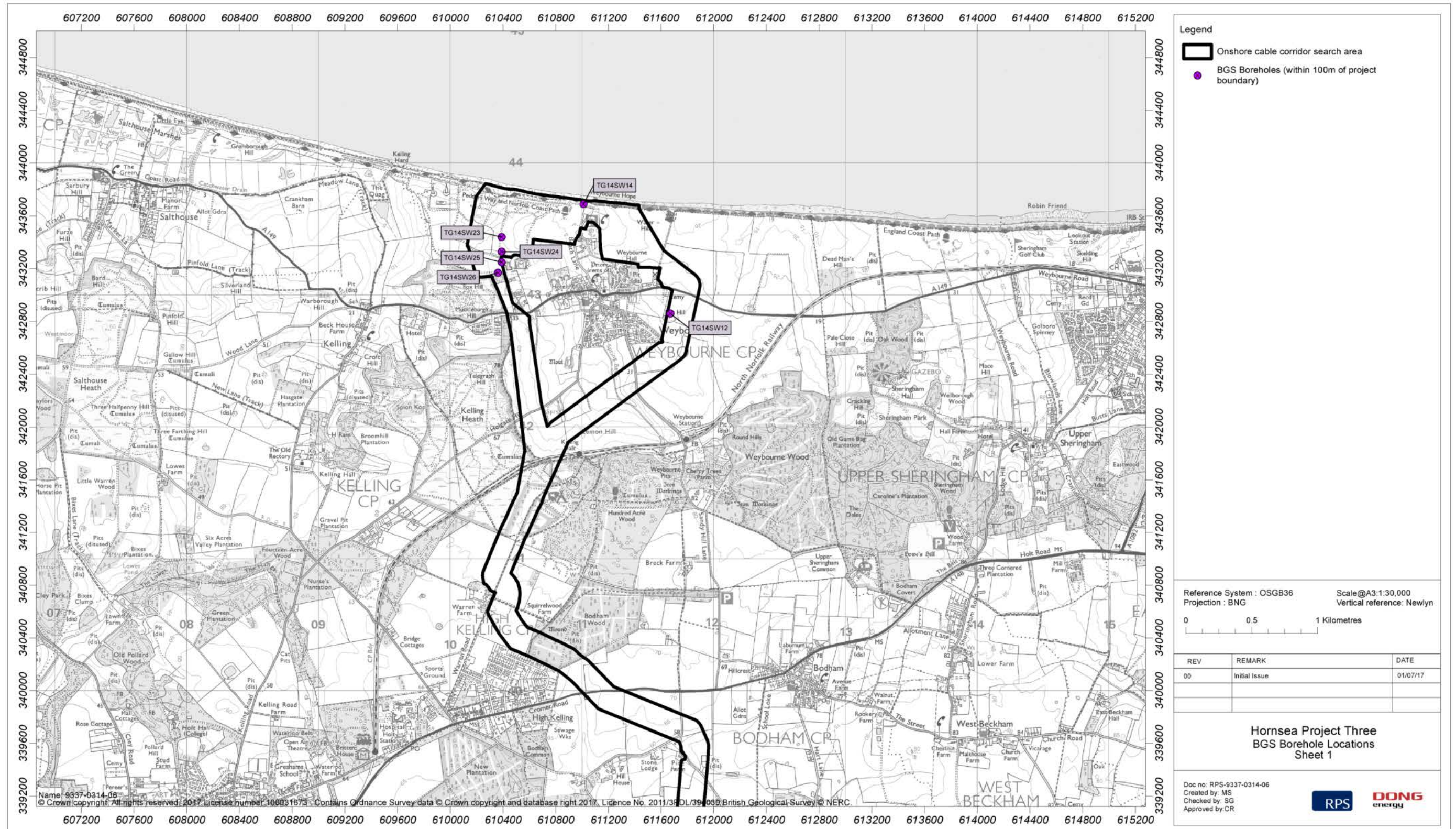


Figure 1.1: BGS Borehole location.

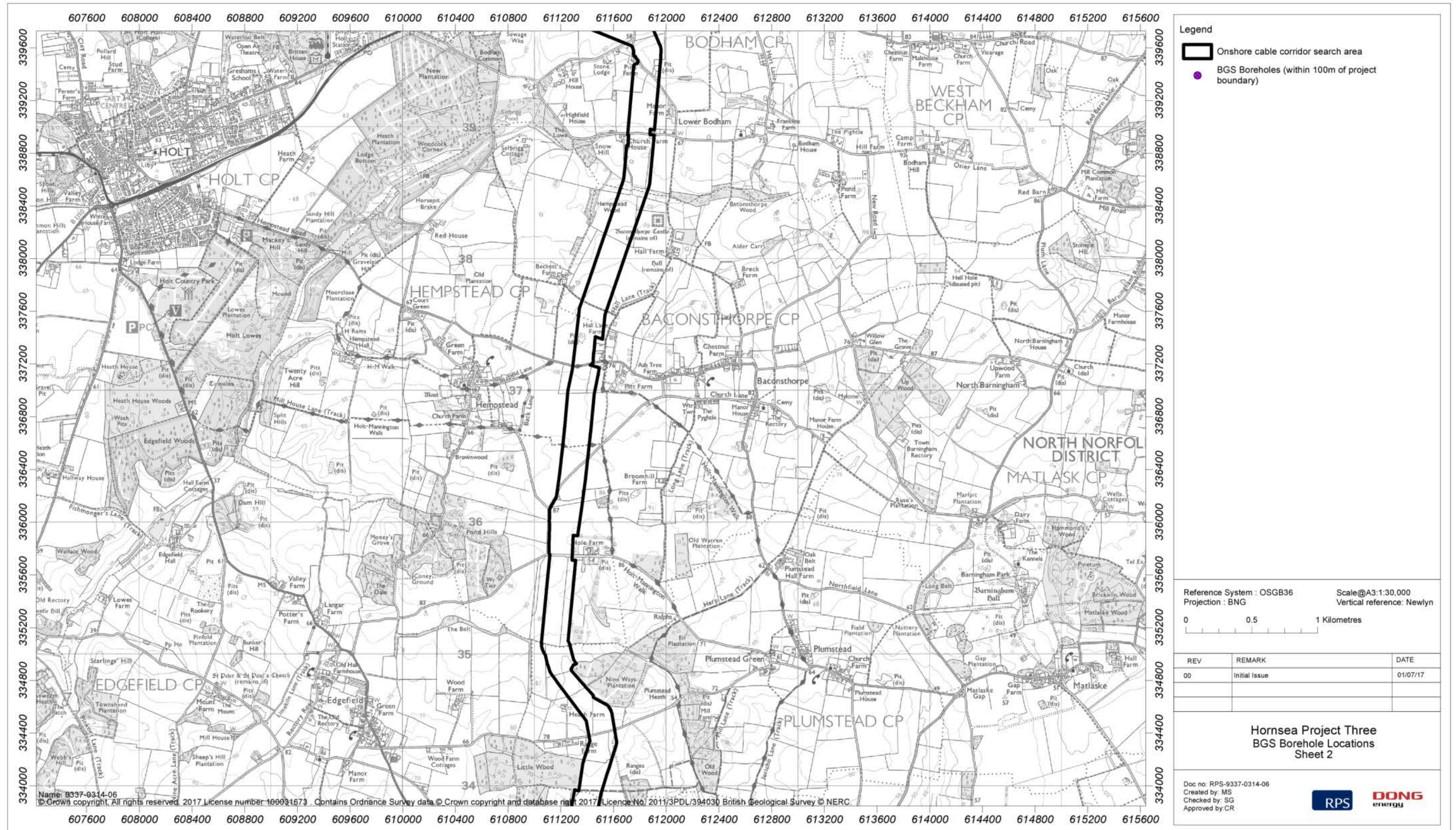


Figure 1.1: BGS Borehole location.

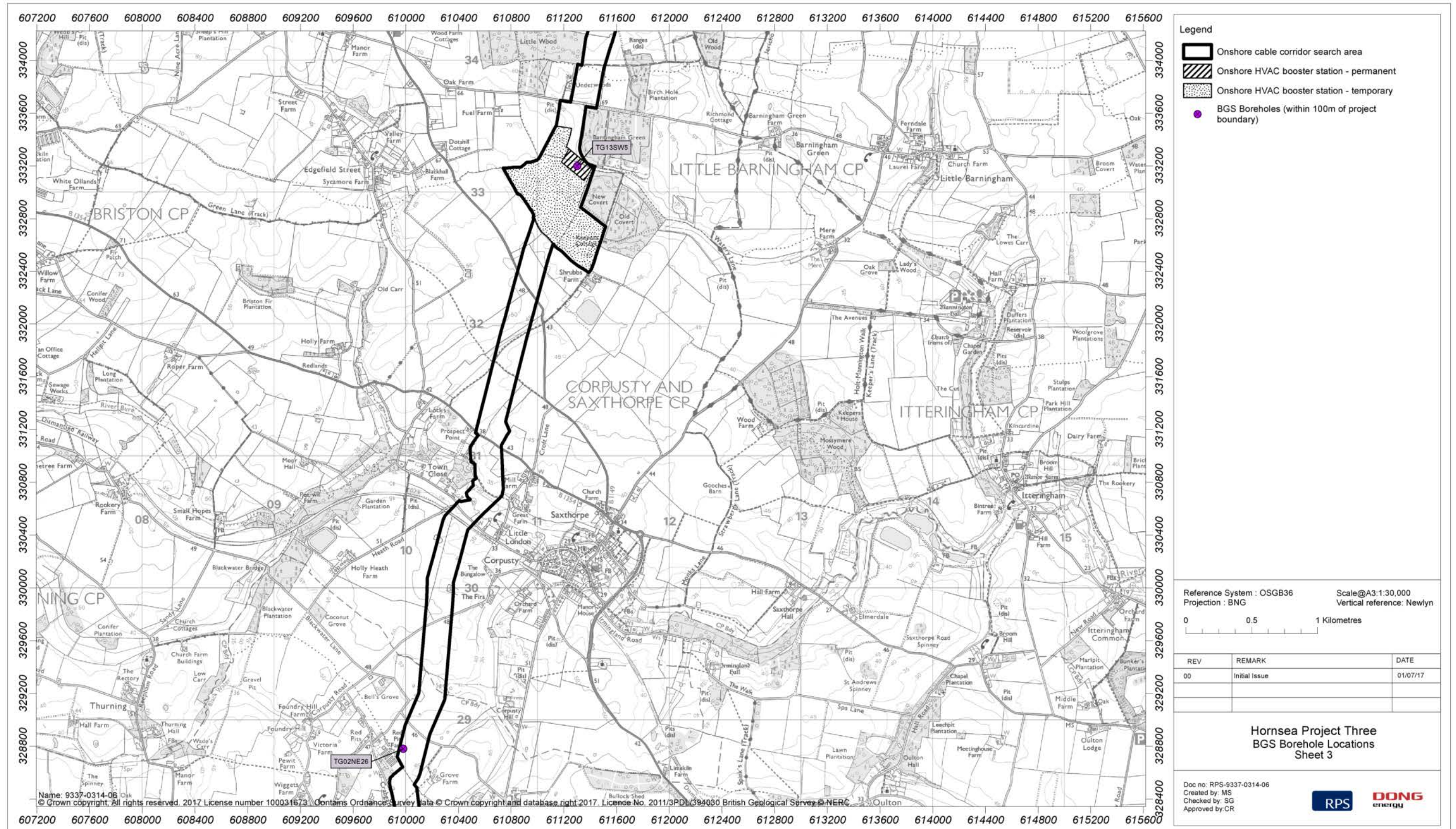


Figure 1.1: BGS Borehole location.

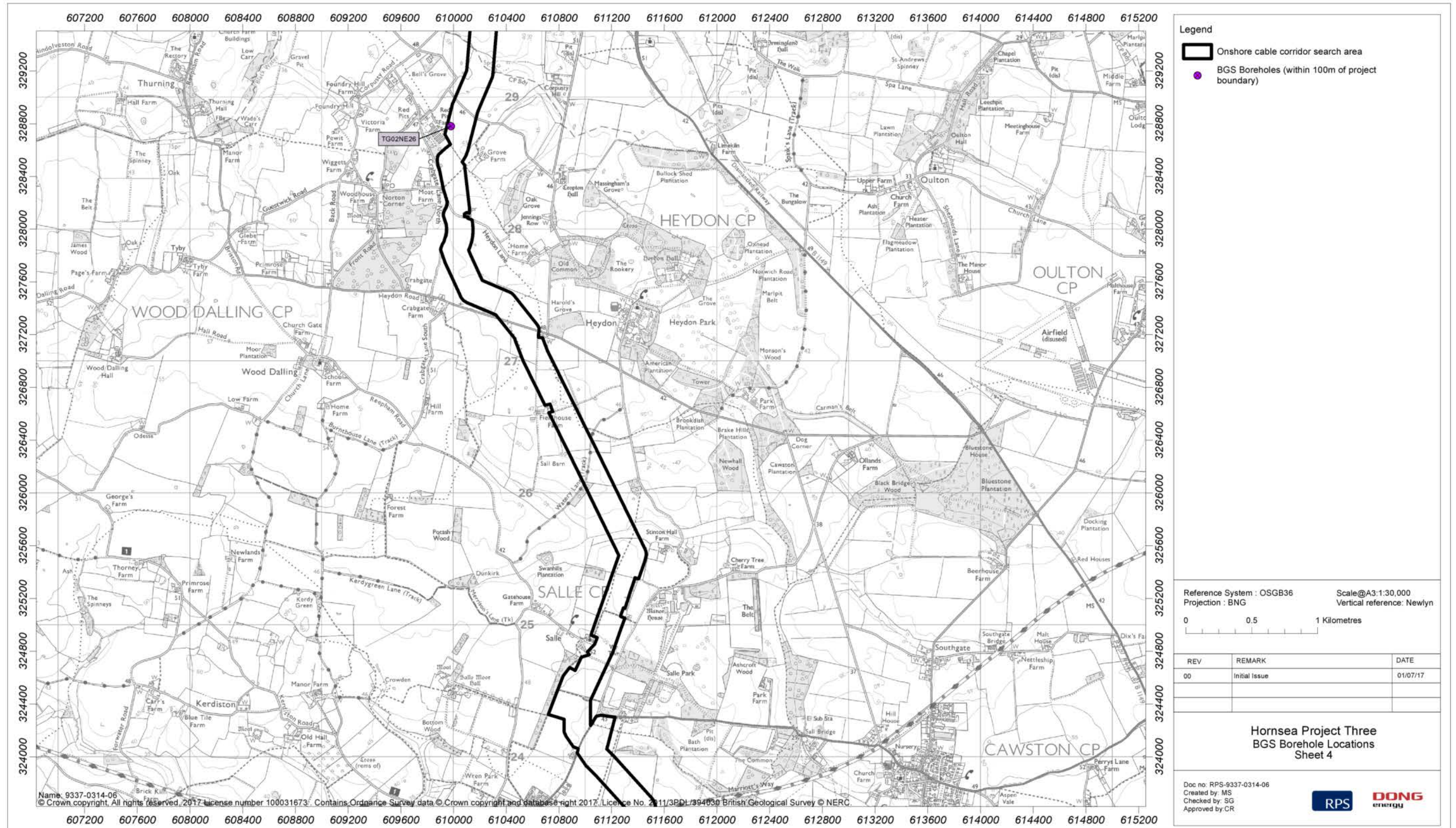


Figure 1.1: BGS Borehole location.

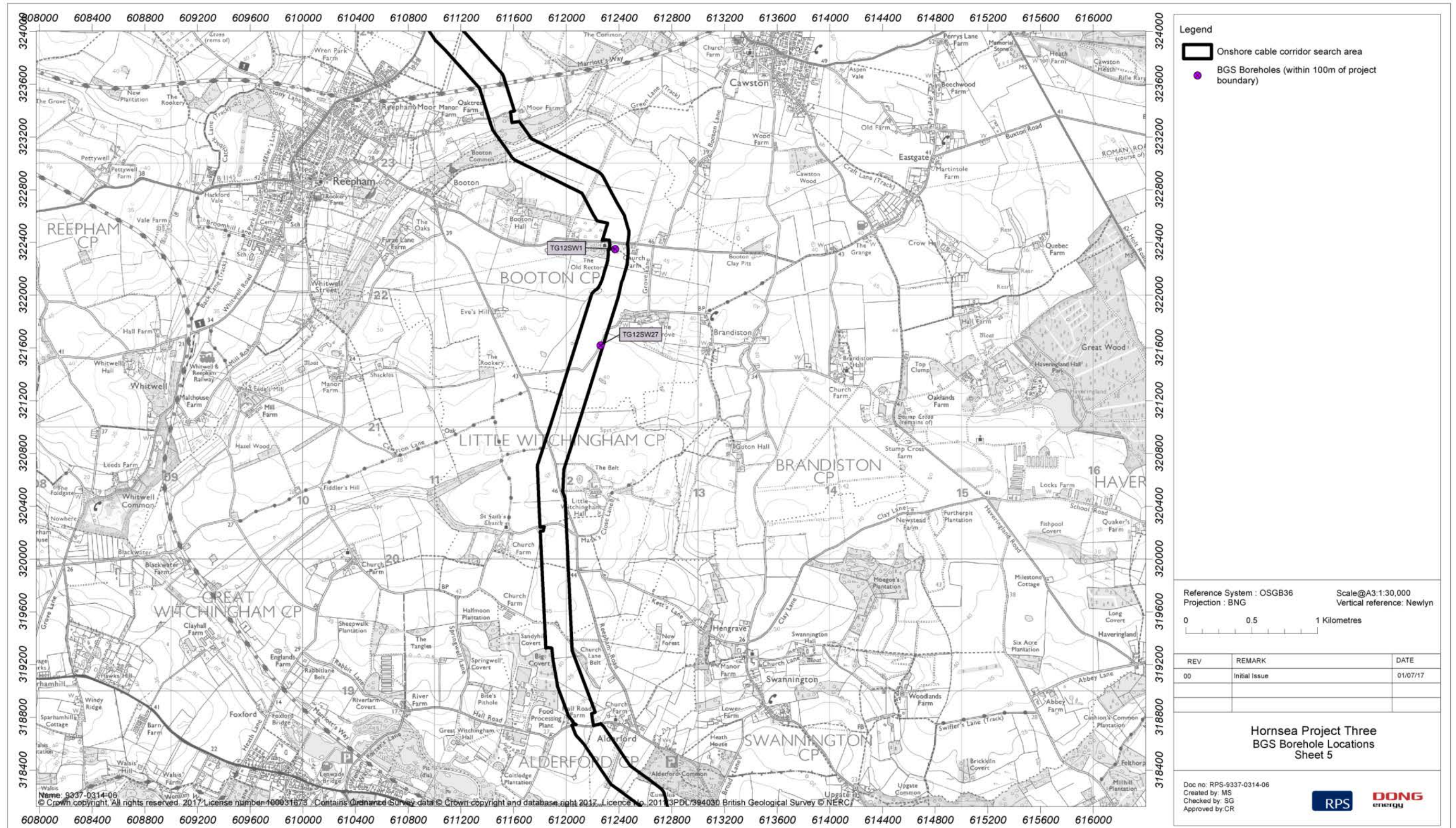


Figure 1.1: BGS Borehole location.

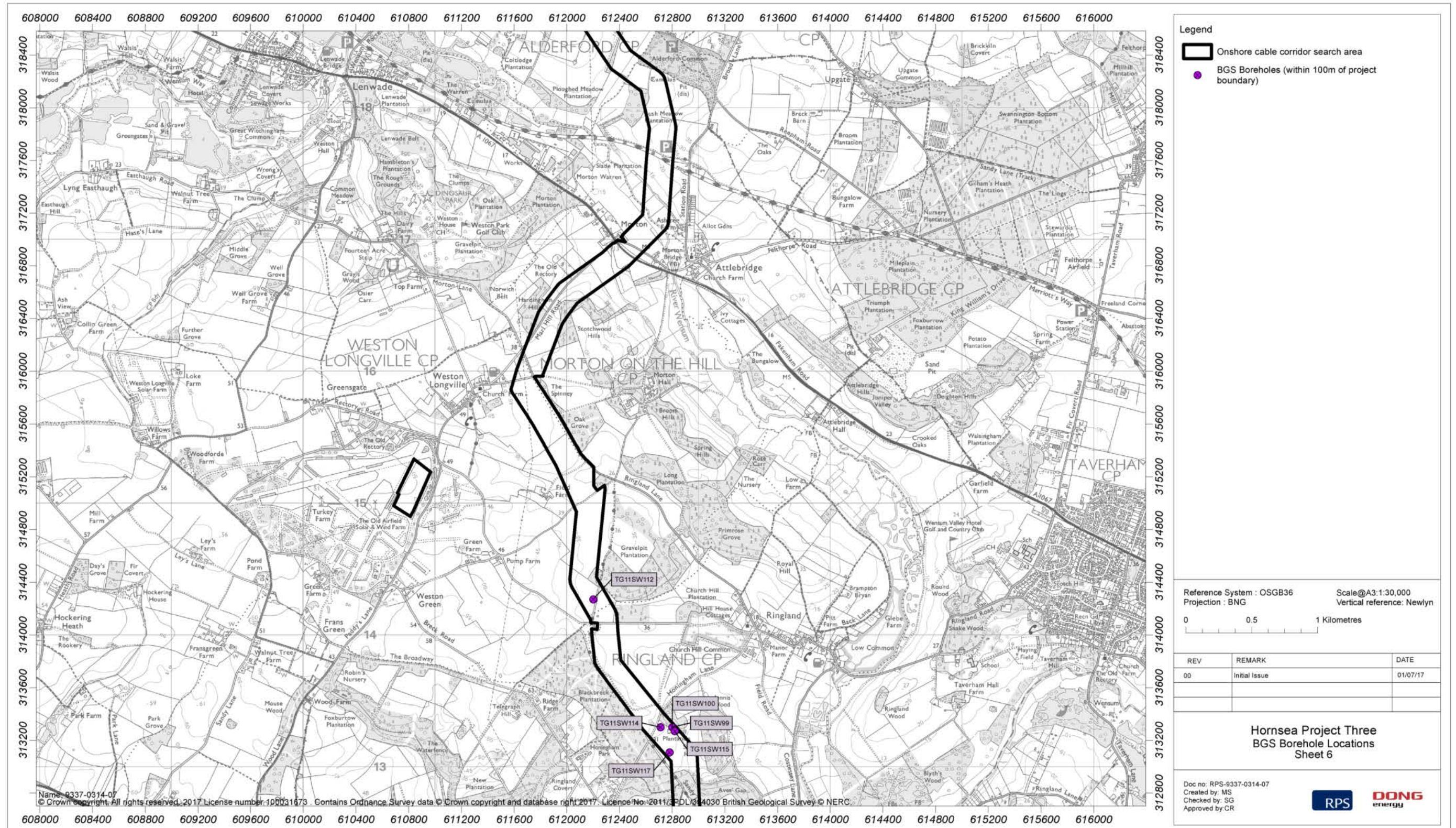


Figure 1.1: BGS Borehole location.

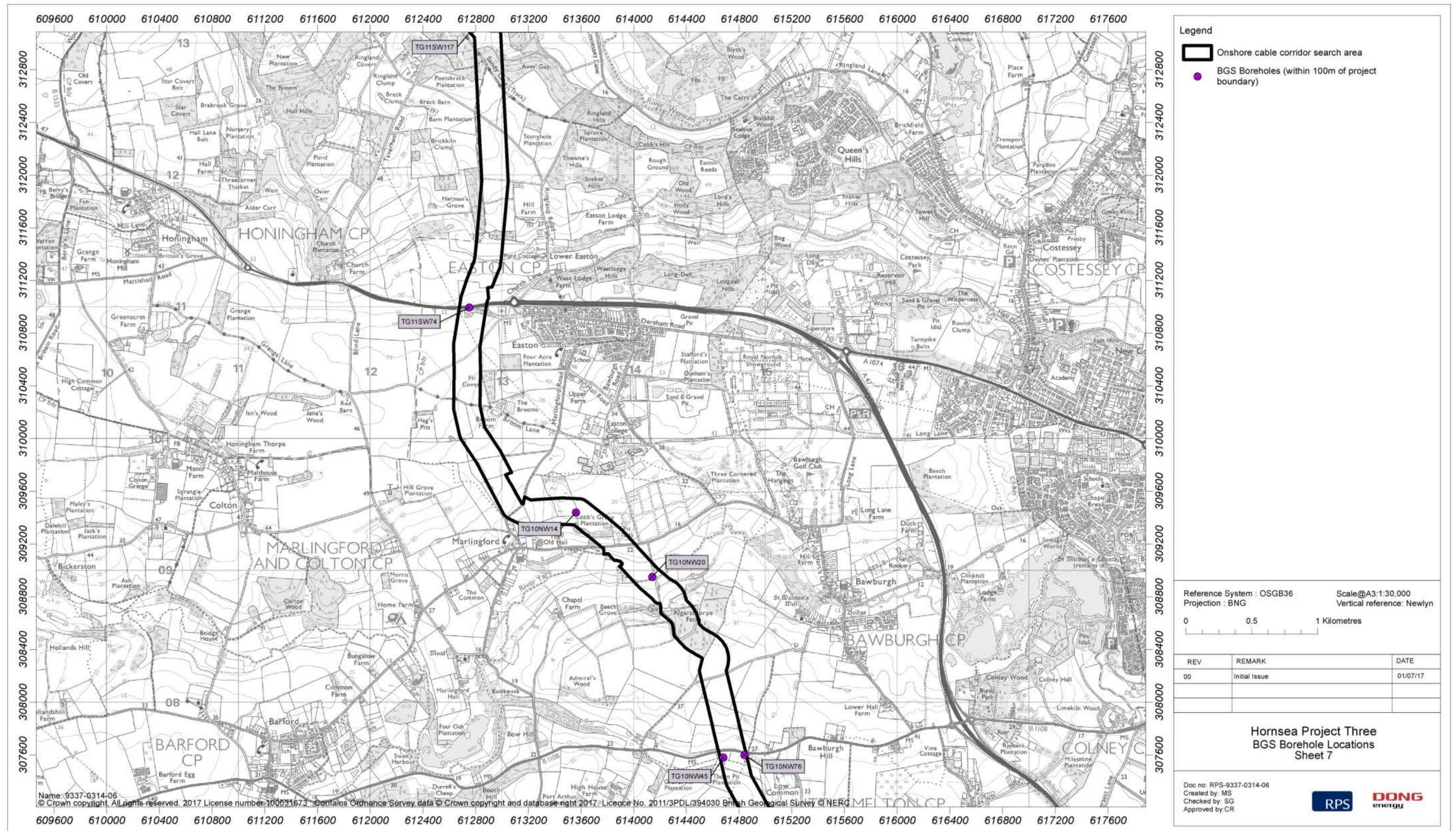


Figure 1.1: BGS Borehole location.

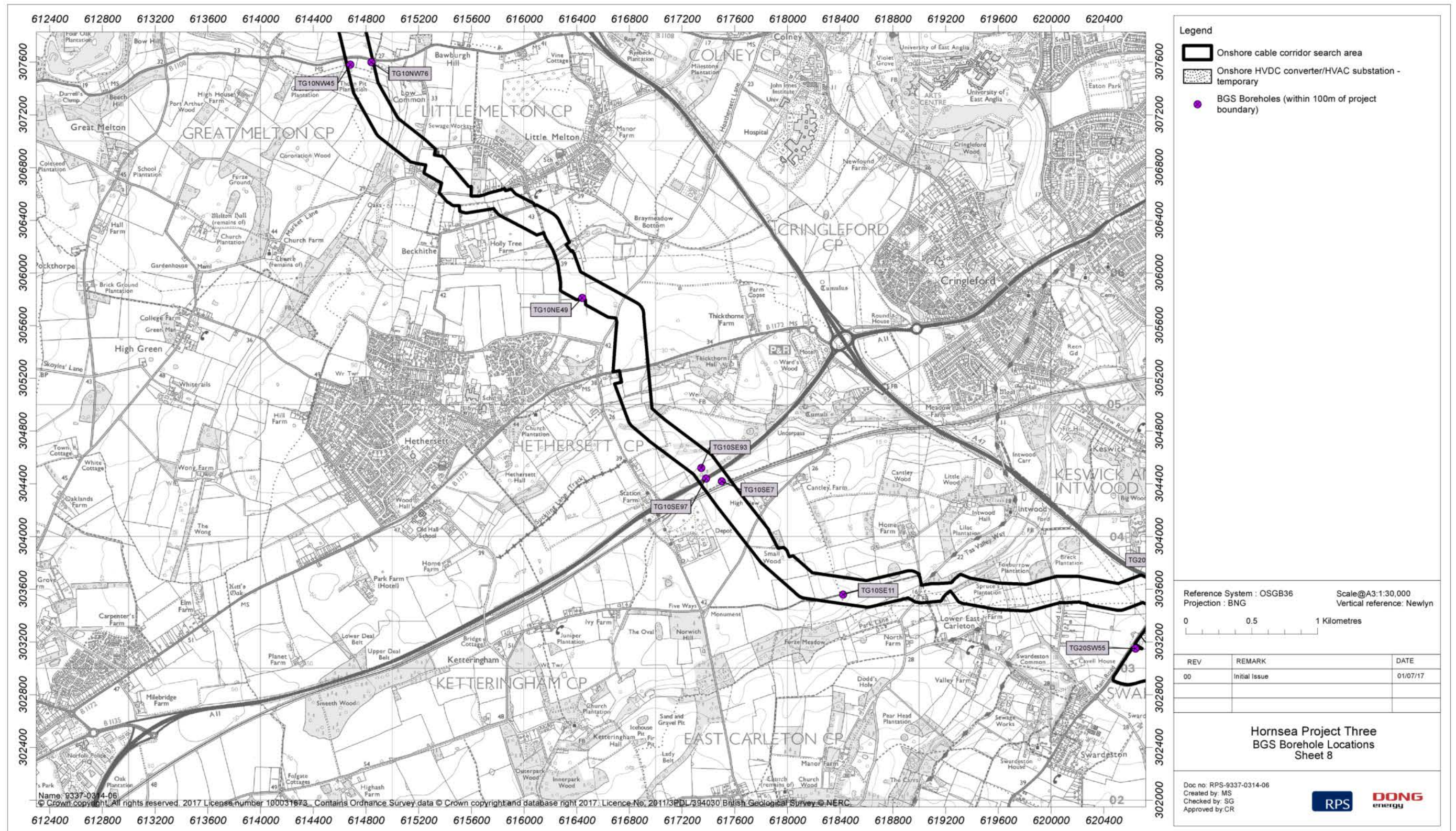


Figure 1.1: BGS Borehole location.

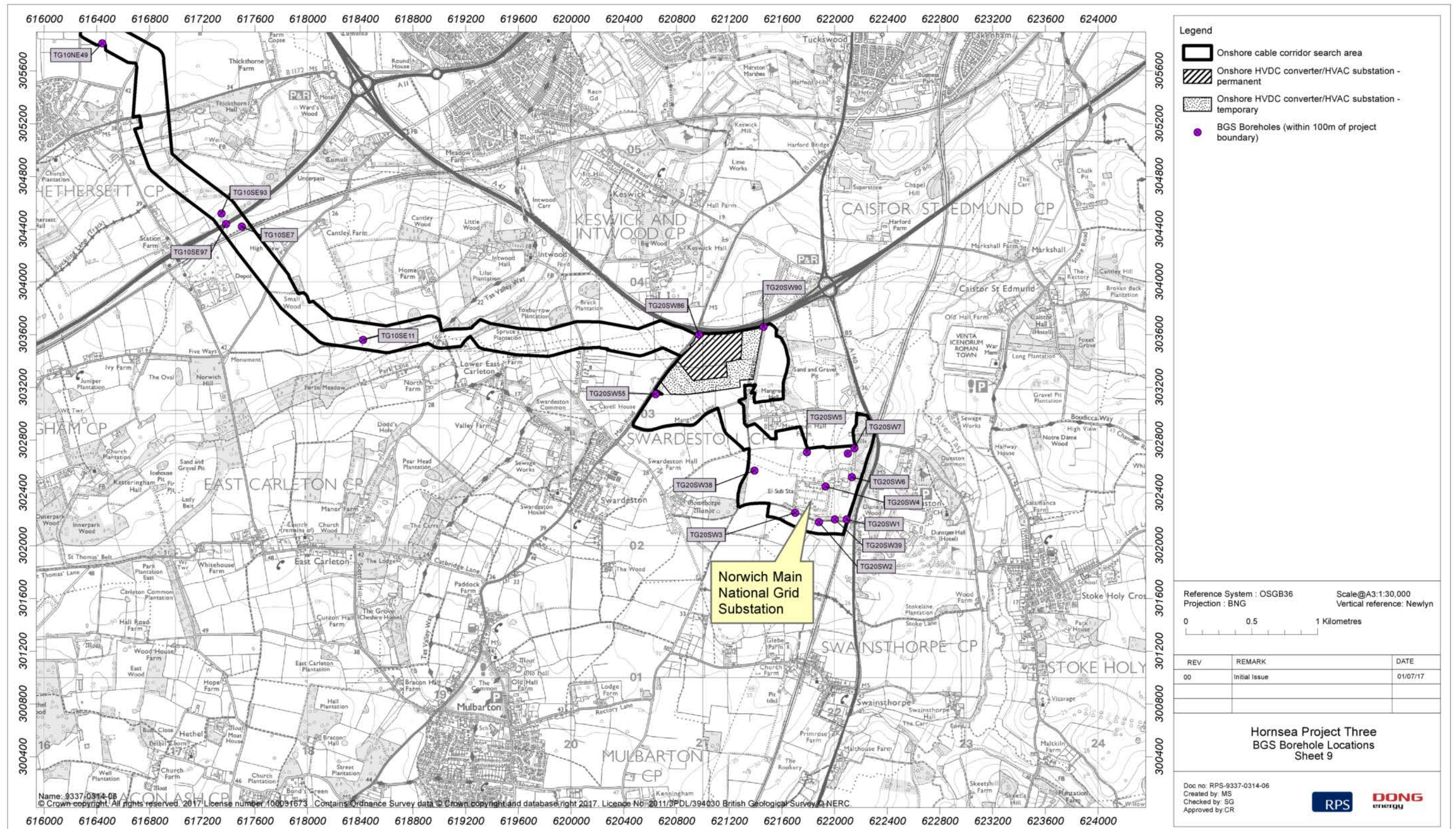


Figure 1.1: BGS Borehole location.