

Toni Harvey (Oil & Gas Authority)

From: Ian Gray EI <ian.gray@surreycc.gov.uk>
Sent: 26 July 2018 18:31
To: Toni Harvey (Oil & Gas Authority)
Cc: Stephen Jenkins EI; Samantha Murphy EI; Caroline Smith EI; Mike Green EI
Subject: Seismic activity in Surrey, the BGS and quarry sites in Surrey

Hi Toni,

Further to our discussion in respect of the British Geological Society struggling to explain the recent seismic activity in the Brockham/Gatwick area, I recalled that I can bring up mineral sites on our GIS mapping system.

The mineral sites are shown in pale yellow on the maps below:

Map 1/.

Lilac circle:

This has Brockham oil well site as it's centre with a 5km radius.

Red Triangle:

Brockham well located at western end of the triangle, Buckland Sand Pit (silica sand extraction completed and restored to lakes with no infill), at the eastern point and Betchworth Quarry landfill (an old chalk quarry which took domestic waste and is unlined), at the northern point. Below the red circle, to left of the word Buckland, in another pale yellow rectangle, which represents Reigate Road Sand Pit, which is still in active mineral extraction with inert infill.

Map 1/.

Lilac circle:

This has Horse Hill well site as it's centre with a 5km radius.

Red Triangle:

Horse Hill located directly above Hookwood at the bottom right of the triangle, to the north is Buckland Sand Pit (to tie in to the other map), at Leigh is the Bury Hill exploration site, and at Beare Green is South Holmwood, with Capel Brickworks further to the southwest at Capel. Both of the brickworks traditionally undertake clay lifts in spring and autumn to provide a large working stockpile for the next six months. Volumes will depend upon t demand of course. On the western edge of the map you can see another pale yellow area at (Wa)lliswood, where Smokejacks is sited, yet another clay quarry and brickworks.

I will ask someone in our Highways Department whether they are aware of any old bridges that are due for repair and may be known to be leaking water as a result of structural damage.

I hope this helps a little.

Map 1/.

🏠 Start Again

Search

- 📄 Address
- 📄 Postcode
- 📄 Street
- 📍 Location
- 📏 Grid Ref
- 🔍 Other Searches

Navigation

- 🔍 Zoom In
- 🔍 Zoom Out
- 👉 Move Map
- 📍 Centre on Click

Measure

- 📏 Grid Ref
- 📏 Distance
- 📏 Area

Print/Save Map

- 🖨️ Print a Map
- 💾 Save Map

Selection Tools

- 📍 by Circle
- 📏 by Rectangle
- ❌ Clear Selection

Background Maps

- 🔄 Maps On/Off
- Fade % 0 25 50 75

Area: 4.46 sq km (1.72 sq Miles)

The map displays a geographical area in Surrey, UK. A blue rectangular selection tool is applied to a region centered around the village of Polesden Lacey. The map shows major roads, including the A246, and various landmarks. The selected area is highlighted in blue, and the 'Area' measurement at the top right indicates it is 4.46 square kilometers (1.72 square miles). The map interface includes a search sidebar on the left and a toolbar at the top.

Map 2/.

🏠 Start Again

Search

- 📄 Address
- 📄 Postcode
- 📄 Street
- 📍 Location
- 📏 Grid Ref
- 🔍 Other Searches

Navigation

- 🔍 Zoom In
- 🔍 Zoom Out
- 👉 Move Map
- 📍 Centre on Click

Measure

- 📏 Grid Ref
- 📏 Distance
- 📏 Area

Print/Save Map

- 🖨️ Print a Map
- 💾 Save Map

Selection Tools

- 📏 by Circle
- 📏 by Rectangle
- ❌ Clear Selection

Background Maps

- 🌿 Maps On/Off
- Fade % 0 25 50 75



Regards, Ian

Ian Gray - Team Leader Planning Enforcement

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