
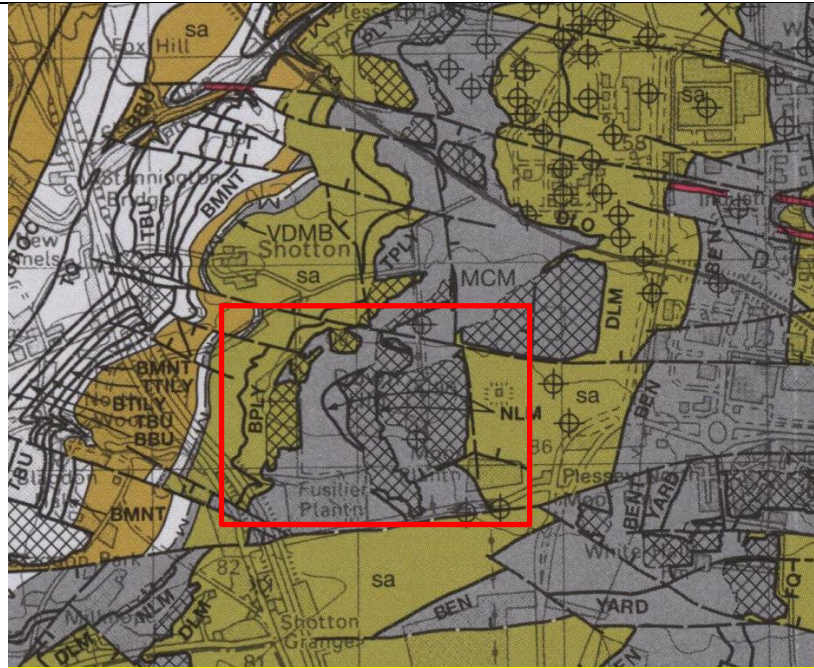


**EIG FIELD TRIP 2018****WEDNESDAY 12<sup>th</sup> SEPTEMBER 2018****Banks Group Shotton Surface Mine****Cramlington****Northumberland**

<b>Location</b>	Banks Group Shotton Surface Mine Fisher Lane Cramlington NE23 8AU
<b>Field Trip Leader</b>	Andrew Heron – Project Manager / Geologist
<b>Contact &amp; Meeting Point</b>	Andrew Heron / Michelle Cairns Main Office
<b>Website</b>	Banksgroup.co.uk
<b>Objective</b>	Tour of open cast coal mine and restoration
<b>Time of arrival Length of Visit</b>	12 <sup>th</sup> September 2018 / 1pm (refreshments provided) 2-3 hours
<b>Max No</b>	n/a
<b>PPE required</b>	Helmet. Hi-Vis jacket/waistcoat. safety boots (steel toecap)

<p><b>Location Map</b></p>	
<p><b>Outline of Trip</b></p>	<p>Visit to large active open cast coal extraction operation. Banks Mining has been working Shotton Surface Mine since 2008 and the site will produce up to 8 million tonnes of coal and 750,000 tonnes of fireclay over an 11 year coaling period. Lower and middle coal measures of Carboniferous age can be seen on</p>

	<p>site with up to 120m of strata exposed at any time.</p> <p><b>If time permits, also visit Northumberlandia Landform:-</b></p> <p>“Northumberlandia is a unique piece of public art set in a 46 acre community park with free public access and 4 miles of footpaths on and around the landform. The centrepiece of the park is Northumberlandia, a stunning human landform sculpture of a reclining lady. Made of 1.5 million tonnes of rock, clay and soil, she is 100 feet high and a quarter of a mile long.</p> <p>Far from being a rigid manicured art form Northumberlandia is a living part of the countryside that will mature over time and change with the seasons. What you see when you visit is only the start of something that will evolve through generations.</p> <p>An additional point of interest is that you can see into the Shotton Surface mine from the top of Northumberlandia a particular attraction for fans of big machinery.</p> <p>Northumberlandia has been built by the Banks Group as part of the restoration of the adjacent Shotton surface coal mine that has provided a unique opportunity to create a spectacular art form, which otherwise would not be constructed, whilst recovering much needed coal for UK energy generation.</p> <p>This project is known as restoration first – taking an extra piece of land donated by the landowner, the Blagdon Estate, adjacent to the mine and providing a new landscape for the community to enjoy while the mine is still operational. The £3 million cost of the project has been privately funded by the Banks Group and the Blagdon Estate.”</p> <p><a href="https://www.northumberlandia.com/about/about-the-lady/">https://www.northumberlandia.com/about/about-the-lady/</a></p>
<b>Geology</b>	Middle and Lower Pennine Coal Measures



Excerpt from BGS map no. 14 Morpeth  
Contains British Geological Survey materials © NERC 2018

**Driving time  
to  
Durham  
University**

30 miles 45 km  
45 mins