



# Huddersfield Geology Group Newsletter

April 2019

Ailsa had contact from a contact who has created this website/explanation of how diamonds were formed -

<https://beyond4cs.com/how-are-diamonds-made-and-formed/>

At the 11<sup>th</sup> March talk by Laura Gregory – “Faults and Earthquake hazards - the past is the key to the present” Laura referred to a paper called “Jackson 2000 Living with earthquakes – know your faults”. If you’d like a copy email Julie (address below)

## Forthcoming Events

### Huddersfield Geology Group

#### **Sunday 14th April – Knaresborough with Ailsa Burrows**

A figure of eight walk along the riverbanks in Knaresborough to look at and discuss up to 15 exposures of the Permian, the Permian/Carboniferous unconformity, depositional environments, westward limit of the Zechstein sea and, if time, a look at the Harrogate anticline. There will also be an overview of the Nidd gorge and its formation. Compass-clinometers might be useful.

This day follows Denys Smith's Memorial trip (Leeds Geolsoc), with additional info provided by Tony Felski.

Good walking boots or even wellies advisable and sticks. Although most of the town and eastern riverbank are on tarmac or good paths the west side is very muddy and slippery; we may not do this side as a consequence. (To be decided on the day following the previous week's weather).

Total distance is 5.5 miles (or possibly 4 miles if we do not do Coyningham Park).

There is a steep climb up to the castle at the start (and down again), which can be missed out if you wish (it gives an overview of the gorge). If we do the west bank there are a few ups and downs, but it is not too strenuous - just tricky underfoot in places.

A packed lunch is advisable so we all eat together, but there is a cafe option - as well as those along the waterfront in town for later. Knaresborough is approximately 50 miles, approx one hour from Huddersfield along the motorways.

Meet at the Waterside car-park, 10:15 for a 10.30 start. Parking cost is £1.80 on Sundays (irrespective of time spent there). Post Code is HG5 8DE. NGR SE 34771 56744. Turn *downhill* at the lights in the town centre - down Gracious Street on the B6163. Just before the river bridge at the bottom of the hill, you will see a sign for the carpark to the right. This is a very narrow lane and you may need to pull in/reverse if you meet traffic coming the other way. The car park is on the left before it narrows even further! You may of course want to park elsewhere/take the train, but this is the meet point. Toilets are just beyond the car park on the right where the road opens out again a bit.

#### **Monday 13th May - Helen Michael - Classification of Granitoid rocks**

Greenhead College Room M18 at 7.15pm.

### Yorkshire Geological Society

Saturday 27th April - Exhibitions, walks and lectures Yorkshire Geology Day, including afternoon lectures on theme: Geology and the Natural World National Coal Mining Museum for England, Caphouse, Wakefield

Throughout May Exhibitions, field trips, lectures Yorkshire Geology Month Various Yorkshire venues

Saturday 11th May Field trip Geology of Durham and its Cathedral Leader: Brian Young Durham

check [www.yorksgeolsoc.org.uk](http://www.yorksgeolsoc.org.uk) for further details

## West Yorkshire Geology Trust

### Roundhay Park, Leeds

Wednesday 9th May 1730-2000 and Wednesday 4th July 1330-1600 and Saturday 15th September 1330-1600

Organised by Friends of Roundhay Park

Meet Bill Fraser outside the Mansion House Visitors Centre, LS8 2JL, (SE 330 383) in Roundhay Park. A guided walk of approximately 2.5 miles around a marked

Geological Trail taking about 3 hours, with stops for discussion. Features seen are shales and several different types of sandstone (some of which contain fossils), as well as sedimentary and tectonic structures. Footpaths are graded for easy walking but can be muddy in wet weather.



### Rocks and Building Stones in Halifax town centre

Sunday 9th September 14.00 – 15.30

Organised by Calderdale Countryside Services

Start at Halifax Parish Church (Minster), Kirkgate by the main porch (SE 097 252) finishing at the Piece Hall. Meet Alison Tymon for a gentle walk of less than 1 mile around the centre of Halifax to see the variety of local and imported decorative rocks used in the buildings. Bring a lens if you have one, so that you can look closely at some of the rocks we will see.

See <http://www.wyorksgeologytrust.org>

### Mid-Week Geology Group

Tuesday April 16<sup>th</sup> - Woolley Edge, Coxley, and Other Local Quarries

<http://mwgggyorkshire.webspace.virginmedia.com>

### Manchester Geological Association

Tuesday 8 May 2018 - Carnforth 'igneous' intrusion and Trowbarrow Quarry with Peter del Strother and Barbara Gordon

Trowbarrow quarry exposes vertical Carboniferous (Asbian, Urswick Limestone) strata with spectacular trace fossils. There will be a visit to the Carnforth location in the morning and Trowbarrow in the afternoon. All walking is easy, no hills and less than a kilometre at each site. Joint with Lancashire GA

[www.mangeolassoc.org.uk](http://www.mangeolassoc.org.uk)

### Leeds Geological Association

Thursday 9th May - The Environmental Consequences of Volcanism by Dr Evgenia Ilyanskaya  
7:15pm - Rupert Beckett Lecture Theatre (Michael Sadler Building)

If travelling by car please be aware that the University have introduced a charge for parking on campus during the evening. Full details may be found at <http://carparking.leeds.ac.uk/visitors>

See [www.leedsga.org.uk](http://www.leedsga.org.uk)

### Contact details:

Chair Ailsa Burrows	<a href="mailto:chair@huddersfieldgeology.org.uk">chair@huddersfieldgeology.org.uk</a>
Secretary Julie Earnshaw	<a href="mailto:secretary@huddersfieldgeology.org.uk">secretary@huddersfieldgeology.org.uk</a>
Treasurer Ian Warrington	
Field meetings Bob Appleyard	<a href="mailto:bob@huddersfieldgeology.org.uk">bob@huddersfieldgeology.org.uk</a>

[www.huddersfieldgeology.org.uk](http://www.huddersfieldgeology.org.uk)