

Saturday and Sunday 1st and 2nd September 2012: The Rookhope Borehole – 50 years on: Leaders: Stuart Clarke, University of Keele, Elizabeth Pickett, North Pennine AONB Partnership and Brian Young, University of Durham

Following the highly successful indoor meeting in Newcastle in January 2012 (see YGS Circular no.), the Yorkshire Geological Society is once more joining with the Natural History Society of Northumbria and the Friends of Killhope, this time to explore some aspects of the geology and mineralisation of the Northern Pennines in the field. A variety of features will be visited to highlight the important contributions made by the borehole, but will also focus upon current research ,including evolving models of mineral emplacement within the orefield which owe much to the outcome of the borehole. Innovative approaches to the interpretation of geology and landscape currently being undertaken by the North Pennine Area of Outstanding Natural Beauty (AONB) in this, Great Britain's first European Geopark, will also be a theme of the meeting.

Although the Rookhope Borehole and its findings will form the overall theme of the two day meeting, each day's itinerary will be free-standing.

Saturday 1st September: Meeting point: 10.00 am at the Village Hall Car Park, Rookhope village (NY937 429)

Beginning at the Rookhope Borehole site in Rookhope village, the morning will be spent examining a number of sites within and close to the Rookhope valley, before moving on to lunch at Killhope Museum. The Friends of Killhope have kindly invited participants to join them for an informal lunch on Saturday 1st September. **In view of this, and also because it is intended to include an underground visit to Park Level Mine at Killhope Museum, it will be necessary to restrict the size of the party to a maximum of 30.***

During the afternoon, recent interpretation initiatives at sites within Weardale will be visited.

Sunday 2nd September: Meeting point: 10.00 am at the village Car Park, Nenthead (NY781 436)

Starting from Nenthead village, a variety of geological and mineralisation features will be visited in the context of on-going research into the stratigraphical and structural relationships of mineral deposits within the outer zones of the orefield. A packed lunch will be required for this day.

[Link to site map with meeting places](#)

Travel on both days will be by private cars though, as parking is restricted at a few stops, it is planned to arrange car sharing at the beginning of each day. As it will be necessary to restrict the party to a maximum of 30 for both days, those wishing to attend should advise the Natural History Society of Northumbria office - 0191 232 6386 - by 30th August. There will be a charge, payable on the day, of £4.75 per person, for entry to Killhope Museum to include the cost of the underground visit. This is a very substantial reduction on the normal entry charge.