

Society of Economic Geologists, Carrock Fell Report Sunday 25th October 2015

The trip departed University of Leeds at 08.00 to arrive at Carrock Fell for 10.45. We had a total of 12 people attend the trip: Dr. Rob Chapman and 11 students (undergraduate and PhD).



Left: Dr Rob Chapman discussing river samples. Right: the group discussing the local geology

The first task of the trip was to establish the local geology. To do this the group was split into two (a mix of students from all levels) and set a sampling challenge. The groups randomly grabbed 100 gravel samples from the river bar and sorted them into groups. The groups then formulated their own classifying system to compare the evident rock types.

Once each group had agreed to their classification of the rocks the entire group came back together to discuss their findings and how it relates to the local geology.

After this task was complete the group proceeded up the track up Carrock Fell. This led to old preserved mine workings of a previous tungsten mine. Lunch was had in this remarkable setting.



Above: Students discuss the gravel samples.



Above: The group walked further up the fell towards preserved mine workings

After lunch the group proceeded further up the fell to outcrops of quartz veins. The remainder of the time was spent looking for rare mineral specimens, unique to the area. No specimens were taken from the site, just discussed as a group. The group then departed at 15.30 to return to Leeds for 18.00. Some members then enjoyed an earned drink and some food in the Eldon pub.



Above: The group discussed the mechanisms behind the formation of the local, rare minerals

This year's trip was once again successful and we plan to keep on growing and running this trip in the future.

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