NEGS field excursion May 28, 2023. Dr Andy Lane.

Permian exposures in the Marsden- Fulwell area

Map: Explorer 316

Meet: 10.30 at 398645, old Marsden Quarry, entrance is on Lizard Lane.( road side parking/ avoid bus stop/ caravan park access)

 We will move on to the National Trust car park (408 641) at Souter (pay machine/ free for NT members with their parking permit) Toilet / cafe. Andy will further clarify the route to the following stop:

 Third stop is at Listening Ear ( old Fulwell Quarry) 391597. Parking on the access road, (please avoid the allotment entrance)

 Fourth stop St Andrews Church at Roker 406594. Roadside parking.

The walking route is quite short with exceptional sites for observation and discussion.

Clothing: a coastal day so strong shoes warm clothing

Refreshments: lunch

First aid: carry personal requirements. Inform the leader of any condition relevant to the trip

Equipment: camera, lens, sample bags etc.

Research: Permian exposures- maps, sequence and sections p283 and 291 in Robson’s Geology of North east England, transactions of the Natural History Society of Northumbria vol 56 Part 5

 Search: Geology north Permian -brings up various valuable references eg Late Permian environment and lithostratigraphy in norther England BGS Earth wise and Marine Permian of England, DB Smith University of Durham

Any problems —please contact Gordon on 07790001707 on the day

For those using smartphones, the following What3Words references roughly correspond to the grid references given above
Marsden Quarry 398645 ///credit.rested.even
Car park at Souter Lighthouse 408641 ///having.hoot.suffice
Listening Ear at Fulwell 391597 ///spicy.smooth.loving

That one sounds quite promising. Please note that What3Words can give locations to the accuracy of an 8-figure grid ref, and is much more convenient for smartphone users. Please inform a committee member if you would prefer locations in this form.