

WGCG Evening Excursion to **Roundberry Quarry, Warton, near Tamworth.**

Thursday 15th June 2023 @ 7:00 pm – 8:30 pm



You are invited to join this evening outing to one of Warwickshire's designated Local Geological Sites – i.e. the site is protected by the local planning authority because of its geology and value for Earth science education. The designation details and a map showing the location are given below.

There is no limit on the number of people attending this trip so there is no need to register in advance – there will just be a registration form for you to sign on arrival on the night. **Please arrive by 6.50pm to give time for registration before the guided visit, led by Ray Pratt, starts at 7pm.**

ACCESS: The quarry owner is making a car park of the adjacent field. Drive south-west 500m down the track from Austrey Road, past the small sewage works, until you come to the parking space in the field on the left (see map and satellite image below)

SAFETY: There is very little walking to do and it is mostly on a semi-lawned surface. Trainers are suitable footwear on a dry day; wear something stronger if it is wet. The quarry faces are easily visible from the grassy quarry floor but if you want to get close to the quarry faces, you are advised to wear a hard hat.

WARWICKSHIRE GEOLOGICAL CONSERVATION GROUP

LOCAL GEOLOGICAL SITE (LGS)

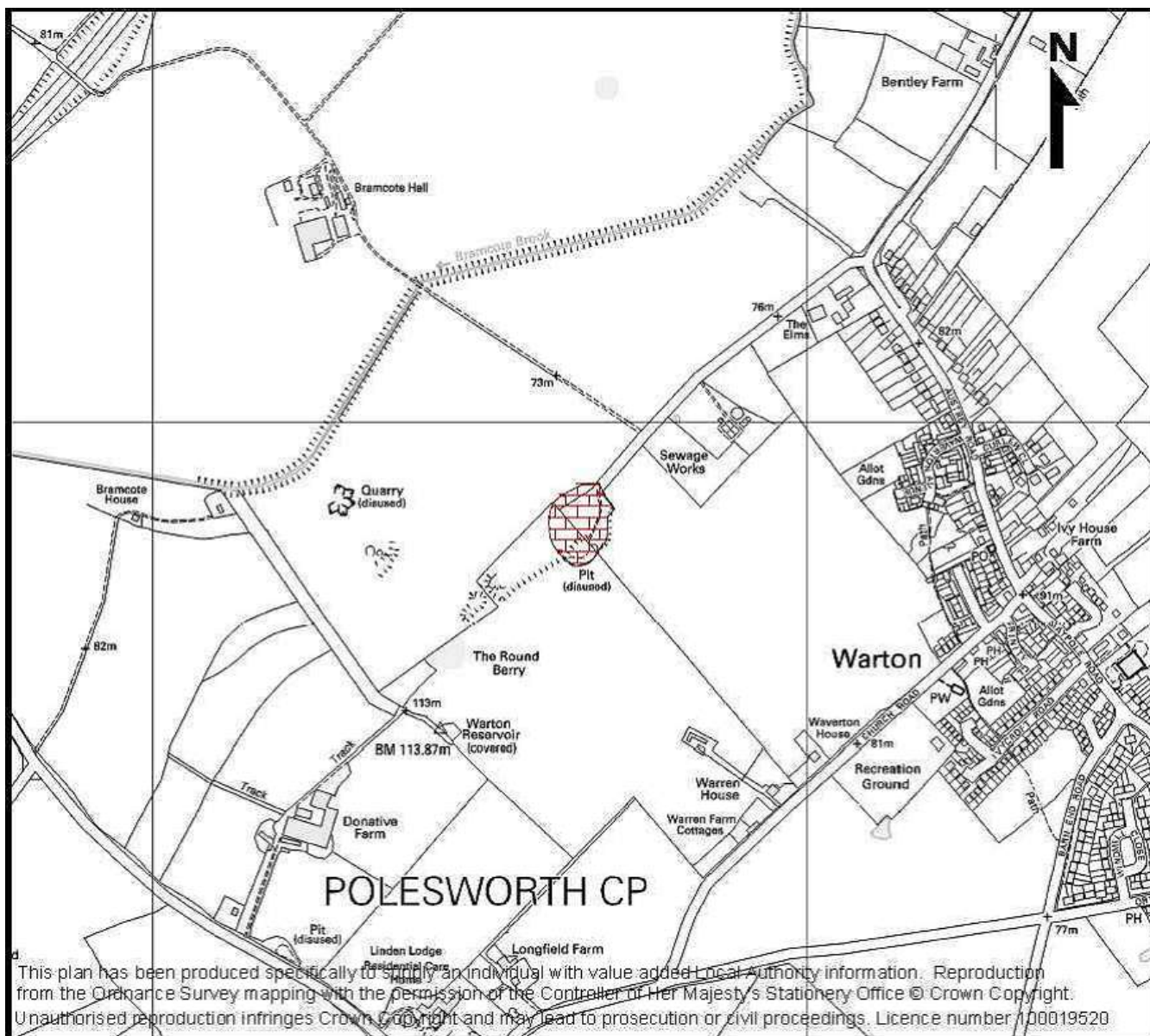
Site	1	Roundberry Quarry
Parish		Polesworth
District		North Warwickshire
County		Warwickshire
National Grid Reference		SK 2765 0382
Ordnance Survey Sheets 1:50000	140	
1:10000	SK 20 SE	

Location

A disused gravel quarry 1.6km north east of Polesworth. The east and south faces have 80% exposure, while the rest are overgrown (2009). The quarry can be reached 500m down a track which is to the south of the road from Warton to Austrey, the turning being at GR SK 282 043.

Summary of Interest

The only good exposure in Warwickshire of the Triassic Polesworth Formation, formerly known as the "Bunter Pebble Beds". This site is suitable to use as a type locality for this formation although it has not been formally designated as such. The quarry face exposes a cumulative section of 10m in height. The vertical faces show soft, pale buff, current-bedded sandstones overlying well bedded, coarse conglomerates with sandstone lenses. The gravels are dominated by brown ortho-quartzites with substantial amounts of vein quartz and subsidiary amounts of ?Carboniferous chert. Significant quantities of siliceous meta-sedimentary pebbles can also be found. In places, the gravel clasts display imbrications. The site is of considerable educational value at all levels.



Grid reference: SK 2765 0382 Post Code B79 0JW

