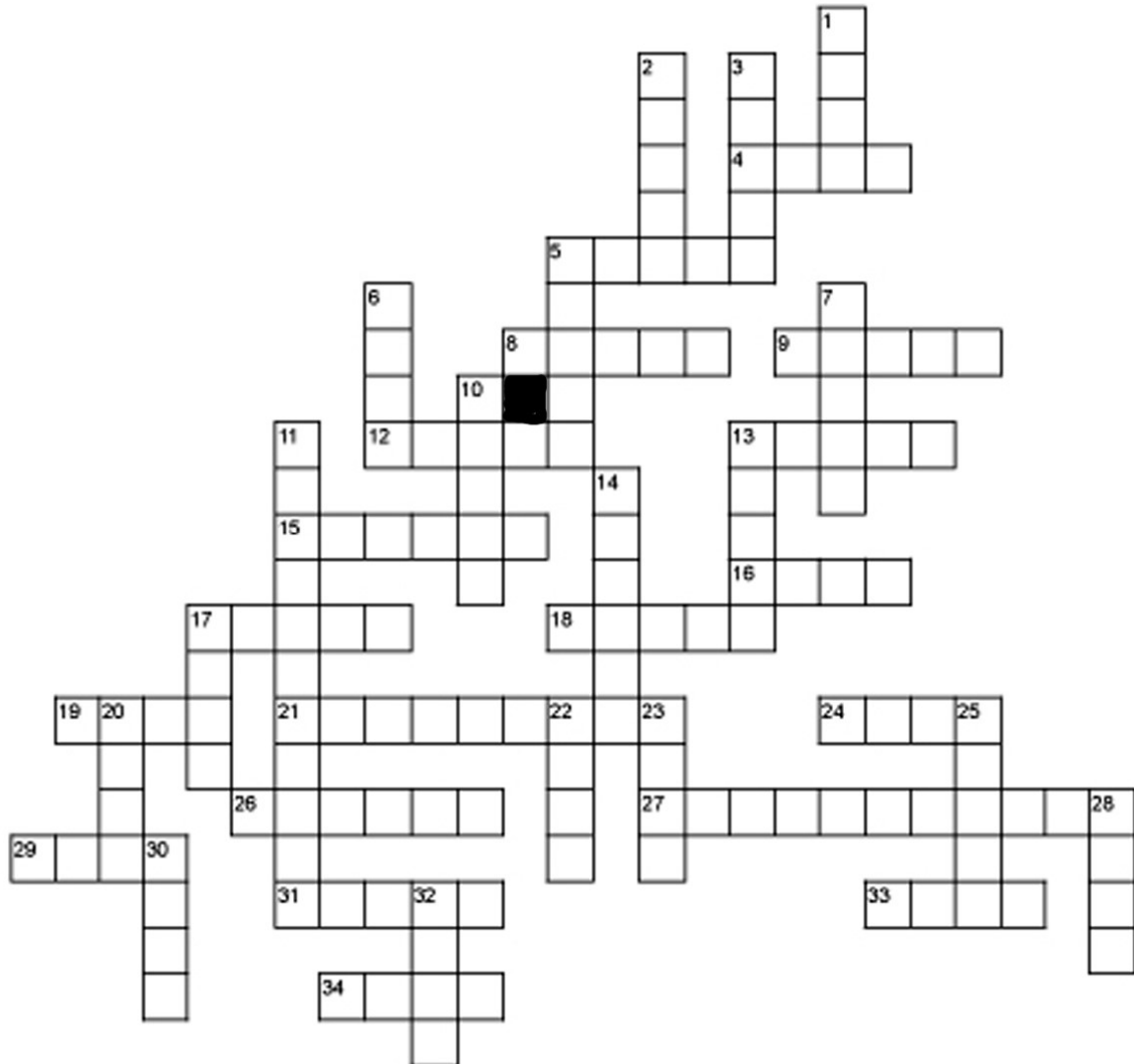


# Totley Moor Geocross V16 revision B 1 Sept 2020

No contact geocaching and crossword

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To solve this crossword puzzle you need to visit the 13 locations of the main feature in the following photographs.

You will need the what3words app (W3W) on your GPS device. Using your GPS device held over the main feature you then get the what3words address. You will probably have to move around to find the W3W square containing the 'word' provided.

Save all the words and eventually fit the words to the crossword grid.

There are five crossword clues. Find these words first, then fit all the other words to the grid. There may be more than one solution.

# Clues

9 ACROSS Italian fast food

11 DOWN begins with 'v'

14 DOWN Captain Hook was one

19 ACROSS ran away

One word occurs twice, but only once in the crossword, so you can trim it out.

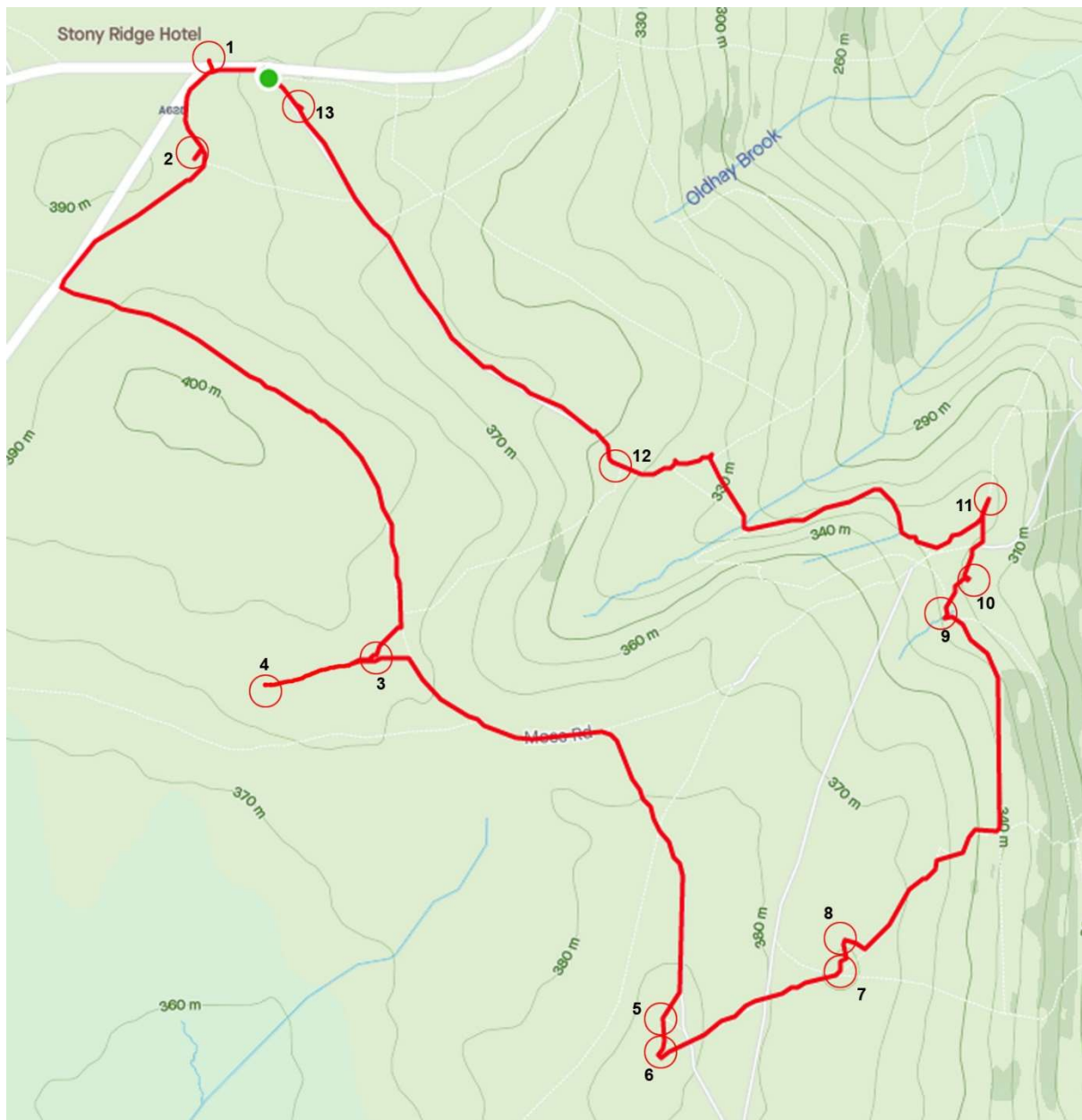
The GPS on mobile phones can be imprecise. This can mean that multiple devices very close to each other might show different 3 word addresses, not because the 3 word addresses of your actual location is different but because the devices each think they are in slightly different places. Each location is a grid square 3x3 metres.

In order to help you ensure that you obtain the correct three word (W3W) address, the first word in the W3W is provided as a clue. You may need to walk around the main feature into different 3 x 3 metre grid squares to find the correct W3W address.

E.g. Let's assume that you are at a location given by the W3W address thick.verge.commented and you are told the first word of the W3W address is the word "thick". You now know you have found the right one.

Location	OS grid reference	W3W		
		First word	Second word	Third word
1	SK 27661 80613	fully		
2	SK 27617 80450	soup		
3	SK 27910 79497	trim		
4	SK 27709 79438	fish		
5	SK 28492 78843	reef		
6	SK 28487 78765	misty		
7	SK 28820 78925	pizza		
8	SK 28829 78989	carry		
9	SK 29023 79589	fancy		
10	SK 29060 79658	flips		
11	SK 29096 79813	fetch		
12	SK 28392 79879	deals		
13	SK 27801 80536	fails		

Each of the locations can be found on the route below. The locations are listed in order and sufficient background is included to help you triangulate your position to identify the location.



Start and finish at Strawberry Lee Plantation.

Location 1 OS ref SK 27661 80613

Stony Ridge Toll Bar site

Contains “fully”



The toll bar was closed in 1884 and the cottage was demolished in 1919.



Location 2 OS ref SK 27617 80450

Fallen gate stoop on old bend in Stony Ridge Road

Contains "soup"



This field gate was on the original course of Stony Ridge Road, before it was straightened.



Location 3 OS ref SK 27910 79497

Former powder store ruin – east side

Contains “trim”



Blasting powder store well clear of the ventilation shaft, for the construction of the Totley Tunnel.

Location 4 OS ref SK 27709 79438

Totley tunnel ventilation shaft – south side

Contains “fish.icon.crop” (full W3W because it is temporarily fenced off)



The Totley Tunnel was constructed between 1889 and 1893, 3.5 miles long (5.7km). Only one ventilation shaft was permitted on the Duke of Rutlands' land. Many people consider the spoil mound on which it sits to be an eyesore.

The ventilation shaft is needed to allow large quantities of air, displaced by fast moving trains, to escape. On a winters day this shaft often appears to 'steam'.



Location 5 OS ref SK 28492 78843

Totley trig

Contains "reef"



Looks like the ground level has been raised, possibly using spoil from the adjacent pit.



Location 6 OS ref SK 28487 78765

Old garden gate posts and stone ruin

Contains “misty”



The pile of stone and narrow entrance between ‘garden gate’ suggests a shepherds hut.

Location 7 OS ref SK 28820 78925

Gavin's Mound – north base

Contains “pizza”



A very large modern cairn, but not very old. Possibly constructed by a Sheffield Polytechnic student living in Totley between 1992 – 1993, carrying stones from a nearby collapsed wall until his mound reached 3 metres diameter. It has a fine view to the east.

At the foot of the slope to the east is the site of a large gannister factory. Gannister is the clay deposit usually found under coal measures. It was once the mud in the bottom of swamps, where prehistoric ferns and swamp forest grew. As the forest trees collapsed into the swamp, they laid down layers of what would later be coal.

Sheffield had many gannister mines, which came to their hey-day when the steel industry needed fireclay bricks made from gannister, to line furnaces.



Location 8 OS ref SK 28829 78989

Totley Stone Circle

Contains “carry”



Almost hidden by heather, a ring cairn on Brown Edge. Also known as the Totley Stone Circle.



Location 9 OS ref SK 29023 79589

Bridge on Dukes Drive

Contains “fancy”



This 'Dukes Drive' crosses the east slope of Brown Edge. The stream drains the west side of Brown Edge.



Location 10 OS ref SK 29060 79658

Bell pit coal mine

Contains “flips”



This small timber fenced enclosure protects the shaft of a bell-pit shallow coal mine. It was unprotected until 2010.



Location 11 OS ref SK 29096 79813

Bole Hill summit

Contains “fetch”



Totley Bole Hill was a lead smelting site near the top of this hill. A smelting operation would reduce 40 tons of lead ore to 18 tons of lead, cast into 'sows' of 13 hundredweight each. The smelting process took 2 days and the site would have been used intermittently.

There are bell-pit coal mine depressions lower down the north slope.

Bole Hill is now popular with mountain bikers.



Location 12 OS ref SK 28392 79879

Gate stoops at Strawberry Lee Farm – west post

Contains “deals”



Strawberry Lee Grange dates back to the 13<sup>th</sup> century as a monastic moorland farm outlying Beauchief Abbey. The present ruins are from a rebuilding in 1820. In 1927 Blackamoor was bought from the Duke of Rutland for suburban housing development. Sheffield City Council refused permission in 1931 and in 1933 Alderman Graves bought the land and buildings and gave them to the people of Sheffield for enjoyment of the countryside. The buildings were demolished in 1936.



Location 13 OS ref SK 27801 80536

Gap in wall at Strawberry Lee Plantation

Contains “fails”



The enigmatic gap has no gate posts, and has no continuing footpath into the wood which has become densely blocked by a perimeter belt of rhododendron.