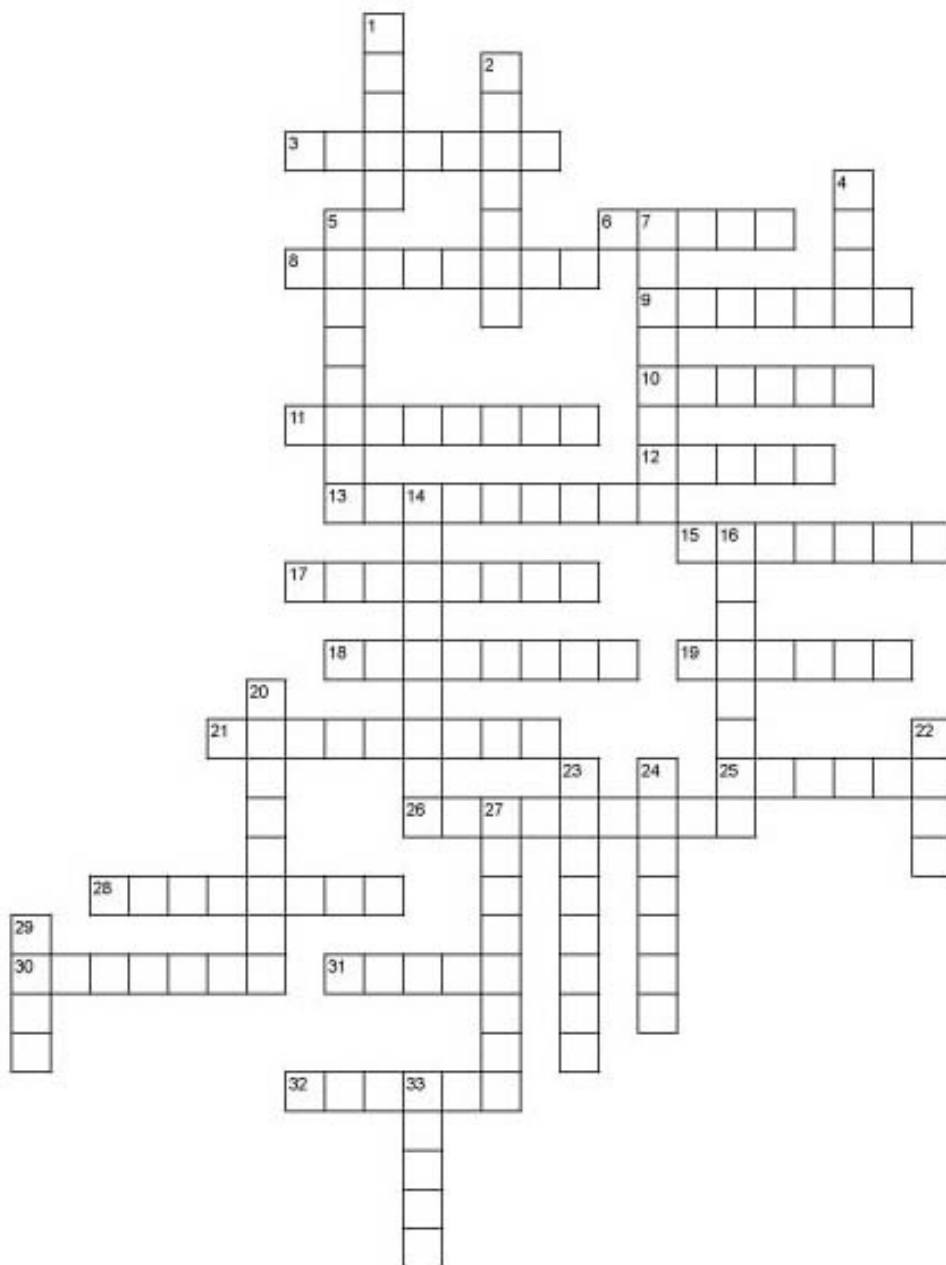


# Upper Derwent Stones Geocross V78

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To solve this crossword puzzle you need to visit the 11 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 just three crossword clues. Find these words first, then fit all the other words to the grid. There may be more than one solution. One word may appear twice, you only need it once for the crossword.

# Clues

2 DOWN one who lives there

20 DOWN what the magician did

10 ACROSS shouted loudly

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.

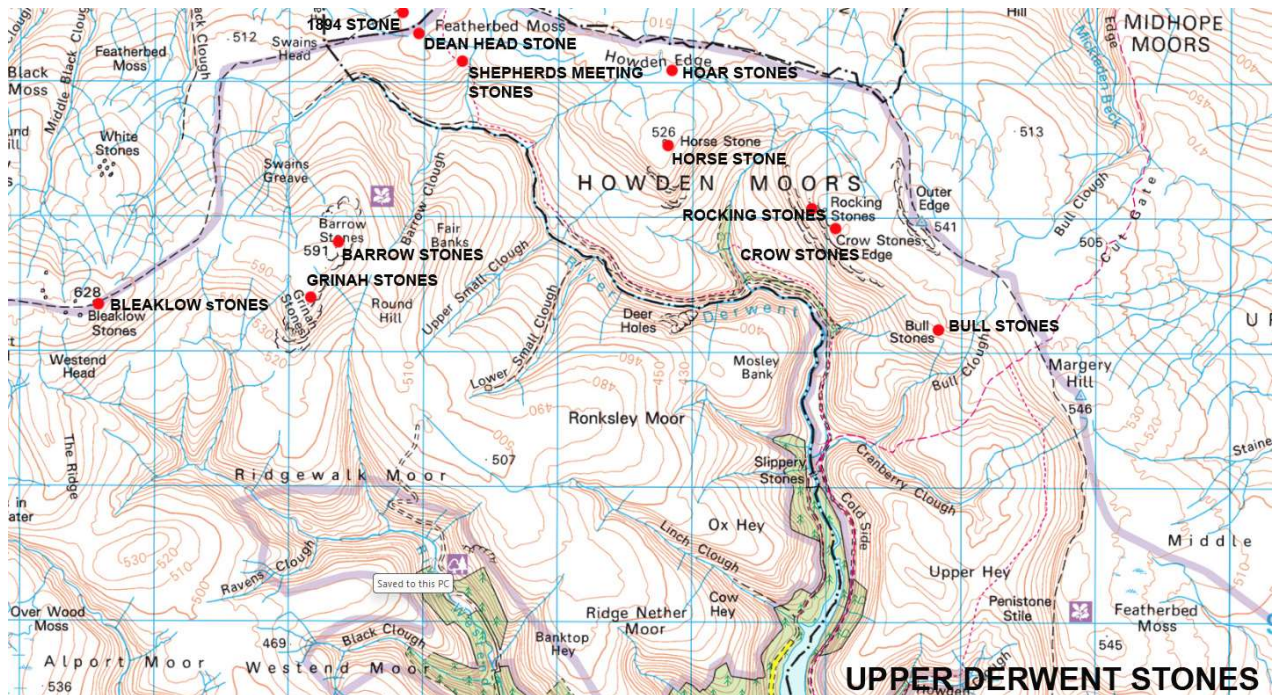
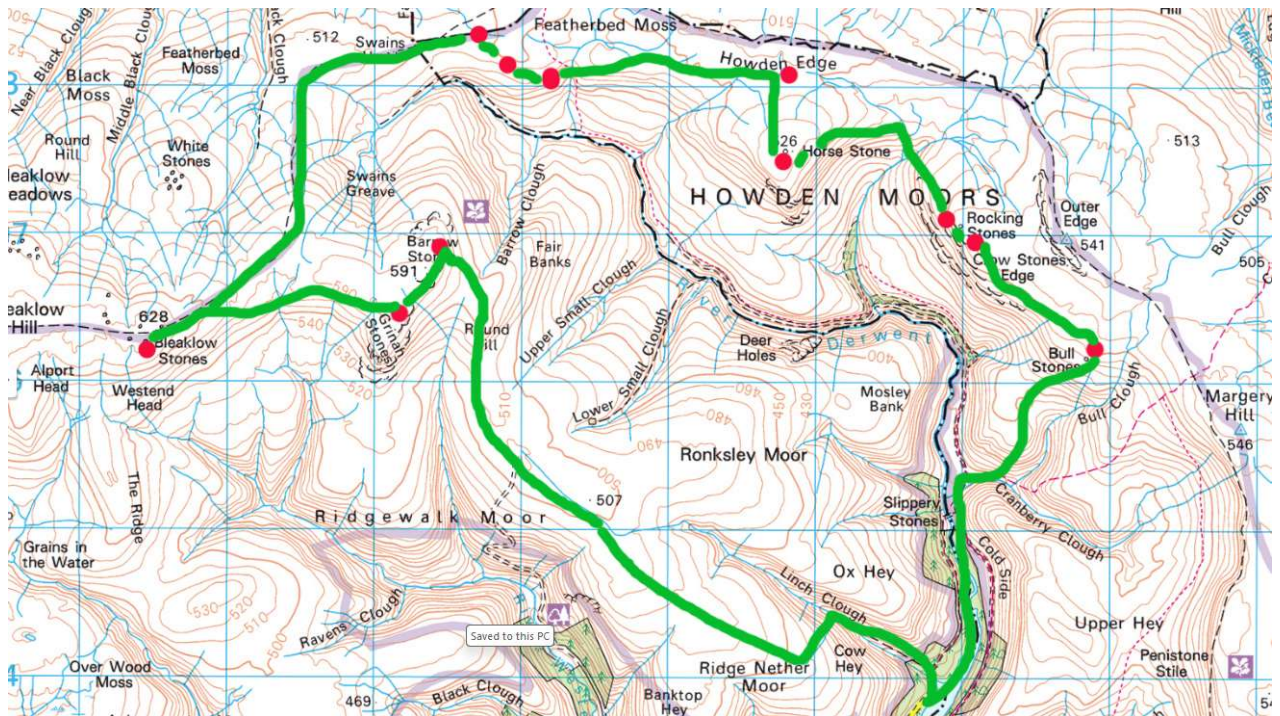
E.g. Let's assume that you are at a location given by the W3W address thick.verge.commented and you are told the first word of the W3W address is the word "thick". You now know you have found the right one.

Location	OS grid reference	W3W		
		First word	Second word	Third word
1	Barrow Stones SK 13400 96800	eyebrows		
2	Grinah Stones SK 13049 96200	repaying		
3	Bleaklow Stones Footprint SK 11536 96314	graphic		
4	1984 Stone SK 13822 98553	roosts		
5	Dean Head Stones SK 13848 98195	arena		
6	Shepherds Meeting Stones SK 14338 98158	text		
7	Hoar Stones SK 15561 98213	worlds		
8	Horse Stone SK 15815 9754	intruded		
9	Rocking Stones SK 16932 97147	unravel		
10	Crow Stones SK 16959 97118	inhaled		
11	Bull Stones SK 17902 96200	lower		



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

Each of the locations can be found on the route below.





Start from Kings Tree



Location 1 OS ref SK 13400 96800

Barrow Stones

W3W eyebrows.rubble.conjured



Barrow Stones are an extensive collection of wind sculpted rocks spread over a plateau 500 metres x 300 metres. The most interesting ones are on the east side. The Crown Stones sit on the heads of two underlying rocks.



Location 2 OS ref SK 13049 96200

Grinah Stones

W3W repaying.store.noon



Grinah Stones promontory 3D air view



Grinah Stones forms a promontory like the prow of a ship, jutting out from the plateau of Bleaklow Moor. This is the most remote location in the Dark Peak: the nearest road is 5km away. Be prepared to feel lonely.

Three standing pillars of rock are near the high point of Grinah Stones. Not quite as good as the 'Three Rocks Fantastic' at nearby Bleaklow Stones

Grinah Stones is a jumble of a collapsing gritstone escarpment, and is most impressive when viewed from below, where the rocks have tumbled down the moorland edge for millions of years. Rock climbers use this place for bouldering but the tradition is that no 'routes' are recorded.

It makes the Eastern Gritstone Edges of Stanage Froggatt and Curbar look very neat and tidy.

It is a good example of the weathering of the softer layers of shales and mudstones, causing massive slips of the overlying Kinderscout Gritstone in a southerly direction.

These are the same landslips which close the Snake Pass road to traffic for about 70 days each year.



Location 3 OS ref SK 11536 96314

Bleaklow Stones footprint

W3W graphic.organist.available



### Three rocks fantastics

Bleaklow summit plateau can be disorientating. Bleaklow Stones are a welcome sight.

In the 1930 Sheffield Clarion Ramblers Handbook, GHB Ward explains how to find the footprints carved here by two 19<sup>th</sup> century gamekeepers.

*'three rock fantastics on the south side of the summit...near the Anvil Stone...one rock fantastic has the jaws of a mammoth and upon it is carved FH 1859..behind it is carved WT... on the flat stone beside and to the right of the jaw stone may be seen the two well-chiselled feet... two heavy boots... the boot marks are marked JP and WP in good lettering'*



The photos show one footprint labelled WP but today there is no sign of the second footprint of JP.



The sometimes bright orange Anvil Stone

A well known landmark at Bleaklow Stones, named the Anvil Stone by GHB Ward.

This is a good example of classic wind erosion. Particles of sand have been picked up into the air, and blasted into this rock for millions of years. The zone of maximum erosion is just 1500mm above ground.

Location 4 OS ref SK 13822 98553

1894 Stone

W3W roosts.shadowing.dweller



The 1894 Stone is a well known landmark on the Derwent Watershed. To the south all rainfall goes into the River Derwent which joins the River Trent at Derby. To the north all rainfall goes into the River Don. Both rivers reach the Humber Estuary, but the Derwent has the best scenery.

The Watershed is a famous natural route for moorland bog-trotters. It became so popular that this section of 5 km of boggy footpath spread out to over 50 metres width as walkers tried to find a dry crossing. That has now changed with the foresight and planning of the Moors for the Future Project. Bogs have been stabilised, the bare peat has been revegetated with grasses and it is a much more pleasant crossing.



The south face of the 1894 Stone has a rock basin on the lip with the initials IWB carved inside. Probably carved in winter with a deep snow cover because it would be hard to reach. IWB was Isaac Wall Bolton 1823 – 1899, a wealthy locomotive engineer in Ashton under Lyme. He was a JP, an Alderman and a keen rambler and campaigner for public access to ancient paths over Kinder Scout. He was also a Vandal, carving his name on rocks he didn't own. There are at least 10 stones with IWB carved on them.

The date 1894 is carved on the north facing top. Not very well carved, the Skarratts Stone 1894 carving nearby is much better. Why are there two 1894 stones on Langsett and Howden Moors?

Few people manage to climb this rock without getting wet feet. A hard frozen winter is best.

The 1894 stone on Bleaklow and the Druid Stone on Crookstone Moor at Kinder have the same multiple dense layers of shallow bedding as its base, and a single deep capping layer above.

Location 5 OS ref SK 13848 98195

Dean Head Stones

W3W arena.eternally.sedative



Dean Head is a low summit north of Barrow Stones. The infant River Derwent passes between the two and starts to cut its way steeply downhill. The source of the River Derwent is 1km upstream amongst a myriad of small tributary streams, all heading for the Derwent Valley.



Location 6 OS ref SK 14338 98158

Shepherds Meeting Stones

W3W text.patting.prospers



Shepherds Meeting Stones are at the side of Hoar Clough where the Derwent Valley footpath leaves the River Derwent and climbs up to meet the Derwent Watershed.

Farmers from the surrounding valleys of Derwent, Longdendale and Langsett would meet here every July and November to exchange stray sheep that joined the wrong flock when the sheep were bought off the moors for shearing and lambing.

Location 7 OS ref SK 15561 98213

Hoar Stones

W3W worlds.file.already



Hoar Stones are a welcome landmark on the crossing of Featherbed Moss on the Derwent Watershed route.



Location 8 OS ref SK 15815 97544

Horse Stone

W3W intruded.recovery.noses



Flat plated wind eroded gritstone tor.

Horse Stone doesn't look like a horse from any direction but it is on a prominent summit and clearly seen from the watershed footpath. But neither does Bull Stone look like a bull.

Location 9 OS ref SK 16932 97147

## Rocking Stones

W3W unravel.drummers.obstruct

Rocking Stones and Crow Stones are often mixed up. The OS map and aerial view shows extensive rock features to the west, below Crow Stones Edge.

None of the rocks in these photos actually rock. But they look as though they might do.

The most famously photographed 'Rocking Stone' is the one in the first photo, but it also looks most like a crow. The 1 inch OS 1:50,000 map labels the Rocking Stones as the group to the north of Crow Stones Edge.



Aerial view of Rocking Stones and Crow Stones

Location 10 OS ref SK 16959 97118

Crow Stones

W3W inhaled.yelled.collides



Crow Stones is above and east of the Rocking Stones. Crow Stones Edge continues south as a collection of small outcrops.



Location 11 OS ref SK 17902 96200

Bull Stones

W3W lower.honeybees.stuns



Bull Stones is the last gritstone tor before the Cut Gate footpath.