

✓ Sunday 12th April 2009, Torca - la - Vaca

Present: Andy Pingle, Jane Chilton, Will Stewart, Clive Westlake, Jim Lister.

Objective: to put diver in down stream Sump in Buttermere.

The vis had been 3 meters on the 10th of April but had reduced to 3cm on the day of the planned dive, also the flow was too high to dive down stream.

So the diver made his way up stream instead, the diver had intended to dive under the rock bridge? as climbing over it from water level would be impossible with air, with out an aid, eg a ladder.

The diver descended and was surprised to find a solid wall in front of him, so in the 3cm vis, he followed the sloping floor back to a depth of -4 metres 5/6 metres in front of the rock dam. on the clives left (East) ①

the diver felt an opening which turned out to be a 2 metre arch, with large cobbles on the floor, (Loaf of bread size) the diver followed this for a distance of 4 metres, where the passage closed down, and became a vertical rift,

conclusion: the water heading to the down stream Sump was fast flowing, the water heading up stream was not, this may be because it is 4 metres deep, where as the water down stream is 2.5 metres deep? This should be looked at in

good conditions, is the upstream sump join
to the down stream sump or is the
rock a dam? is there another main passage
under water? is the down stream sump
Just a short duct with canal above
need to be dived in good conditions
when not washed out. hanger left
above mentioned passage 18 cm above
water level on day.

Jim Lister, C.D.G. many thanks to
every one who helped.