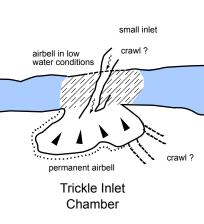


PLAN

April 2016 extension from here Bad visibility, so passage detail added in the summer. Passage apparently widens upstream of here but it may just be divers' perception of passage width.

thick mud throughout

Start of the summer 2016 extension



site 575: Cueva Riaño Resurgence

Riaño ETRS89: 30T 451207 4800676 Altitude: 110m Length: 486m (included in the Four Valleys System length) Depth: 14m

Grid reference is slot down behind resurgence. Water surface at approximately 108m.

Surveyed: August 2012
Dan Hibberts with John Taylor (tagged line and dive compass)
Surveyed: April & July 2016
Jim Lister (tagged line and dive compass)

Drawn in Inkscape: Juan Corrin Matienzo Caves Project 2012, 2016

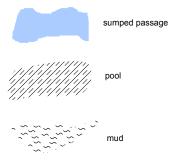
Although there is no doubt that the upstream sump joins with downstream Cueva Riaño at the ends of each survey, the centre line surveys have a considerable overlap. The 4 Valleys System area line survey shows this.

There has been no attempt to join the two end points - yet.

Most of the error is likely to be on the underwater surveys.

The present horizontal error is 60m, the vertical 12m.

This underwater survey of site 575 has been drawn up without any adjustments.



EXTENDED ELEVATION of SURVEYED LINE