

Key to cave survey symbols

- surface slope
- water flow direction
- draught direction
- mud
- underground slope
- boulders
- cross sections
- sand
- significant water
- sump
- aven
- pitch
- climb up
- climb down
- significant stal
- straw stal
- stalagmite(s)
- stalactite(s)
- column
- calcile flow
- helictites
- survey station (marked)

PLAN

Colours indicate levels (horizons) that may gently rise or fall.

- red / orange - approx. altitude 160 - 200m
- green - approx. altitude 140 - 159m
- blue (mainly water levels) - approx. altitude 120 - 139m

Site 3234: Cueva-Cubío del Llanío (Cold Store Cave)

Site 3234: Cueva-Cubío del Llanío (Cold Store Cave)

Rhino ETRS89: 307 0451519 4900779 Altitude 165m
Length 4014m Vertical Range +32 -45m

Surveyed during 2009 - 2016 using tape/Disto, compass and clinometer or DistoX as detailed below. Survey intended to be BCRA 5c or better but there are doubts about the reliability and consistency of the DistoX.
Easter 2014 notes generally relate to the area SW of Bird's Wing Chamber when no survey was carried out (DistoX malfunction)

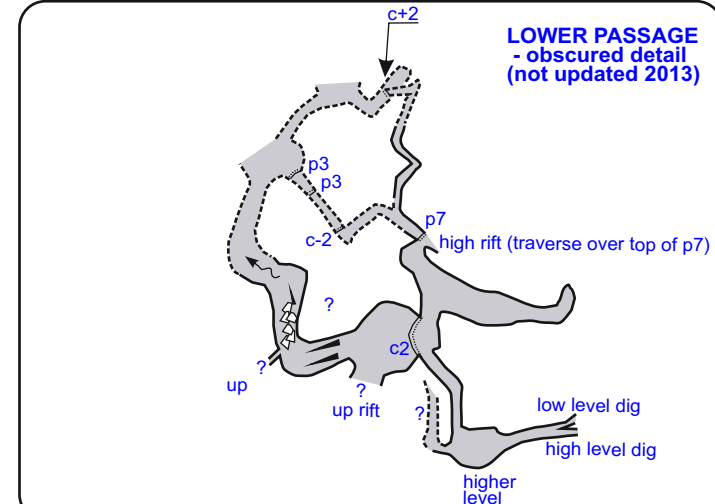
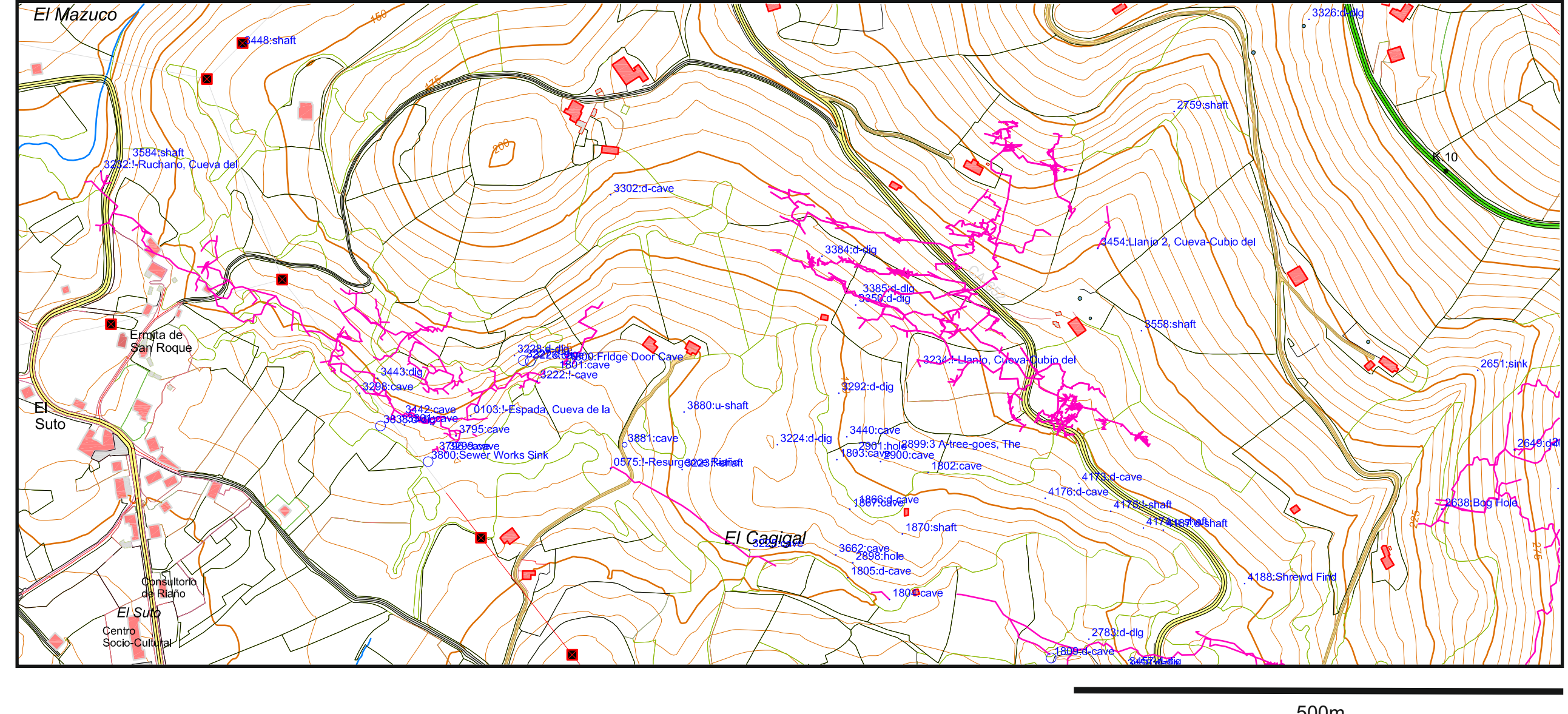
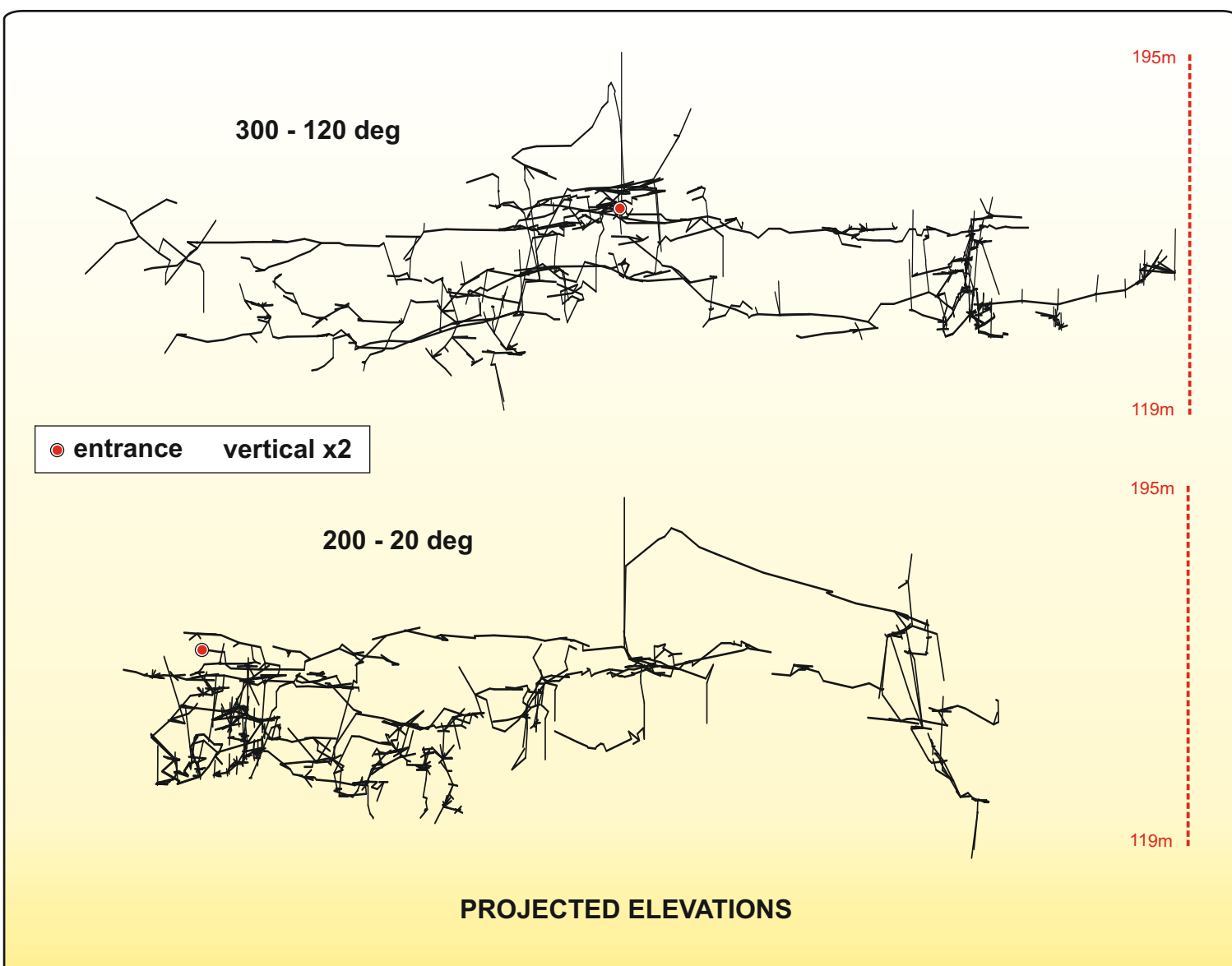
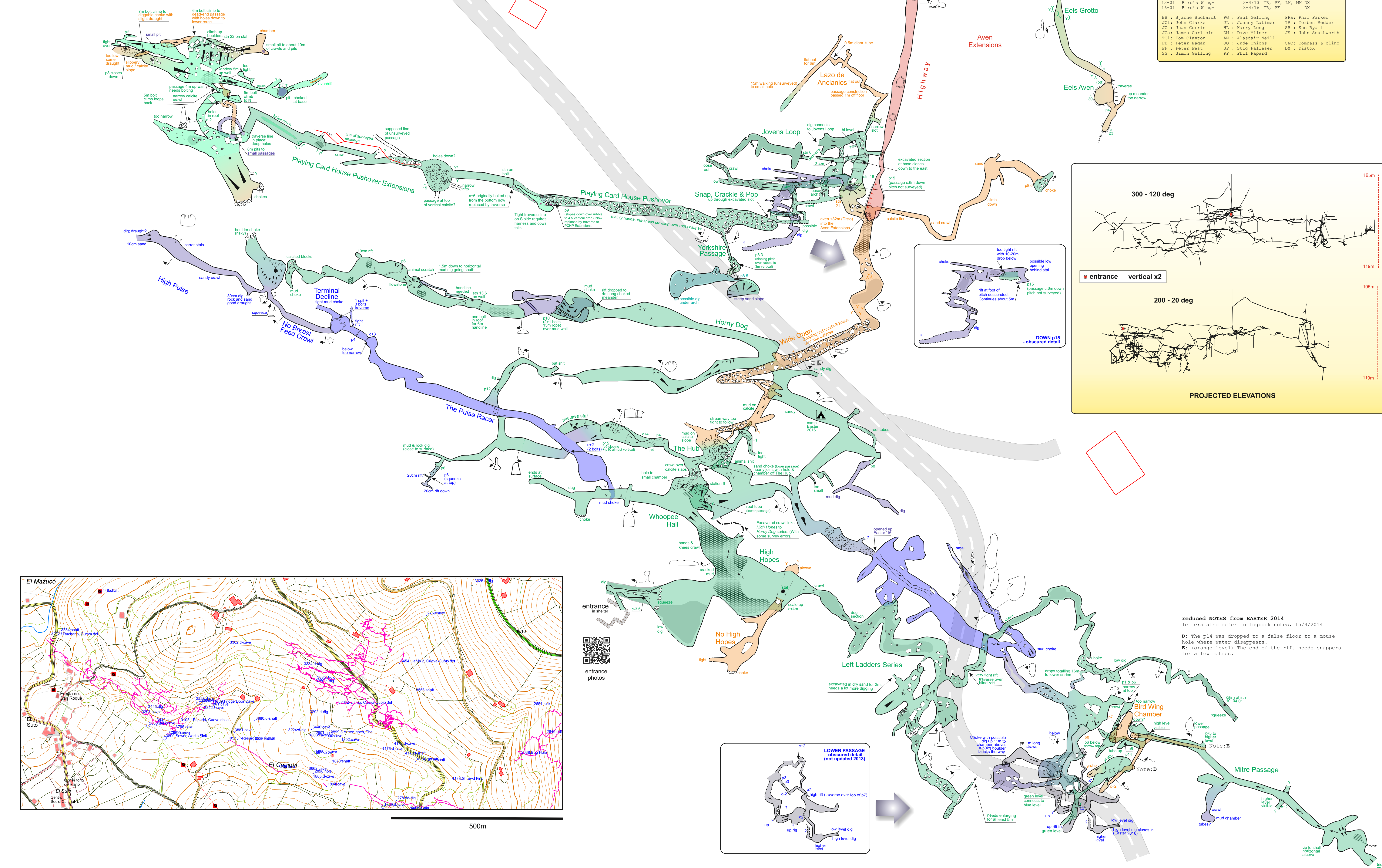
Drawn in Corel Draw by Juan Corrin
 VERSION 1 8th September 2009; VERSION 2 16th July 2010
 VERSION 3 14th September 2010; VERSION 4 18th May 2011
 VERSION 5 15th September 2011; VERSION 6 4th December 2011
 VERSION 7 18th February 2012; VERSION 8 23rd June 2013
 VERSION 9 23rd May 2014; VERSION 10 23rd May 2015
 VERSION 11 4th October 2015 (minor revision)
 VERSION 12 4th May 2016 **see passage on green/blue levels**

Batch name	date	surveyors	method
09-01	entrance passages	16/4/09	JC, HL, CkC
09-02	No High Hopes	1/8/09	JCL, JC, HL, CkC
09-03	east to dig	1/8/09	JCL, JC, HL, CkC
09-04	N beyond The Hub	1/8/09	JCL, JC, HL, CkC
09-05	east beyond dig	2/8/09	AM, PP, CkC
09-06	east beyond dig	2/8/09	AM, PP, CkC
09-07	M from stn 6	2/8/09	JCL, HL, CkC
09-08	Pulse Racers	3/4/09	JCL, PFA, CkC
09-09	N beyond The Hub	7/8/09	JCL, JC, CkC
09-10	Beyond Snap, C&P	11/8/09	JCL, JC, CkC
09-11	Beyond Snap, C&P S p	13/8/09	JCL, JC, CkC
09-12	Beyond Snap, C&P S p	13/8/09	JCL, JC, CkC
09-13	p15 beyond 32m aven	13/8/09	JCL, JC, CkC
09-14	Blood Sweat Tears p	29/11/09	PP, CkC
10-04	Easter dig / crawl	7/4/10	JCA, TCI, CkC
10-05	Hony Dog (various Easter dates)	TR, PP	DX
10-06	east below aven	3/8/10	JCL, PFA, CkC
10-07	low level SE	10/8/10	TR, PP, CkC
10-08	PCRP Extension	11/8/10	JCL, JC, CkC
10-09	Aven pitch	11/8/10	TR, AM, TR, CkC
10-10	N side of PCRP Ext	13/8/10	JCL, JC, CkC
10-11	PCRP Extension	13/8/10	JCL, JC, CkC
10-12	PCRP Extension	16/8/10	AM, PP, CkC
11-01	Lazo de Ancianos	28/4/11	PFA, DM, CkC

(No survey of NW leads inspected during summer 2011 - all short)

11-04 Aven Extensions (various Oct dates) TR, PP, CkC
 12-01 Bels Shaft etc (early Feb) TR, PP, BB, SP, DX
 12-02 West Wing 31/1/12 TR, PP, BB, SP, DX
 13-01 Bird's Wing* 3-4/13 TR, PP, JCA, DM, DX
 16-01 Bird's Wing* 3-4/16 TR, PP, DX

BB : Bjarne Buchardt PG : Paul Gelling PFA: Phil Parker
 JCL: John Clarke JL : Johnny Latimer TR : Torben Pedder
 JC : Juan Corrin HL : Barry Long SR : Sue Ryall
 JCA: James Carlisle DM : Dave Milner JS : John Southworth
 TCI: Tom Clayton AM : Alasdair Neil
 PE : Peter Egan JO : Jude Onions CkC: Compass & clinometer
 PP : Peter Fast SP : Stig Pallesen DX : DistoX
 DG : Simon Gelling PF : Phil Papard



reduced NOTES from EASTER 2014
 letters also refer to logbook notes, 15/4/2014
 D: The p14 was dropped to a false floor to a mouse-hole where water disappears.
 E: (orange level) The end of the rift needs snappers for a few metres.