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

Part of the Four Valleys System

web site description which includes links to all underground photos and videos

latest version of this survey

latest information about the Four Valleys System

Latest update: 10th October 2026

Notes for Mitre Passage and Hidden Crawl

Key to cave survey symbols

- surface slope
- water flow direction
- draught direction
- mud
- underground slope
- boulders
- cross sections
- sand
- significant water
- sump
- bones
- aven
- pitch
- climb up
- climb down
- significant stal
- straw stal
- stalagmite(s)
- stalactite(s)
- column
- calcite 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 - 150m
- blue (mainly water shots) - approx. altitude 126 - 138m

Site 3234: Cueva-Cubio del Llanio (Cold Store Cave)
Ruta: E719306: 357.665159 4692773 Altitude 192m
Length included in the Four Valleys System (See GPI cave to the left)
Vertical Range +32 -69m

Site 4536: Sub-phone Entrance
Ruta: E719306: 357.665168 4692764 Altitude 171m

Surveyed during 2009 - 2022 using topoDroid, compass and clino or DistoX as detailed below. Survey directed to be BCRA 5c or better but there are some doubts about the reliability and consistency of the DistoX in some places.
Most of the survey connecting to the Four Valleys System SW of Bird's Wing Chamber when no survey data (and just DistoX methodology).

Drawn in Corel Draw by Juan Corrin
Mallalieu-Classic Project (2009 - now)

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YBX6333M 1 9th September 2009: YBX6333M 2 14th July 2010
YBX6333M 3 14th September 2010, YBX6333M 4 15th May 2011
YBX6333M 5 15th September 2011: YBX6333M 6 4th December 2011
YBX6333M 7 4th December 2011: Connection to Mitre Passage
YBX6333M 8 22nd May 2012: YBX6333M 12 22nd May 2013
YBX6333M 13 4th October 2015 Unclear revisions
YBX6333M 14 15th May 2017 Revised Subphone Entrance levels
YBX6333M 15 15th May 2017 SB in Mule Barters towards Cueva de Rioño
YBX6333M 16 Sept 2017 2nd attr, Explorations to South Passage.
YBX6333M 17 15th May 2018 Mule Barters, Subphone Entrance, Mouse...
YBX6333M 18 15th May 2018 Mule notes, Batches 18-01 to 18-08,
YBX6333M 19 15th May 2018 Mule notes, Batches 18-07 to 18-09,
YBX6333M 20 15th May 2019, Mule Barters, Subphone Entrance.
YBX6333M 21 15th May 2019, q24 into Mouse Chamber & beyond. 219->221
YBX6333M 22 25th July 2019, Corrected version 19,.
YBX6333M 23 31st October 2021, Hidden Crawl, & 3Dm plan.
YBX6333M 24 31st October 2021, Mitre Passage and Subphone, New Hope
YBX6333M 25 29th October 2021, Ext, mod.; Chmbr O,M,( Canny Passage,
YBX6333M 26 19th May 2022, 22/05 Canny Passage & of WHOTF
YBX6333M 27 19th May 2025, 25/05 link to Rioño Dose Leve.
YBX6333M 28 October 2025, Mitre Passage Dose Corrs.
YBX6333M 29 October 2025,
YBX6333M 29 15th October 2026, Notes - Hidden Crawl & Mitre Passage.
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Batch	name	date	surveyors	method
09-01	Subphone passages	1/9/09	JC, PF	TAC
09-02	Mc High Pipes	1/9/09	JC, PF, AL	TAC
09-03	East to dig	1/9/09	JC, PF, AL	TAC
09-04	Subphone Dig Ends	1/9/09	JC, PF, AL	TAC
09-05	east beyond dig	2/9/09	AN, PF	TAC
09-06	west beyond dig	2/9/09	AN, PF	DS
09-07	Pulse Aven	3/9/09	JC, PF	DS
09-08	Pulse Aven	3/4/10	JC, PFe	TAC
09-09	N beyond The Hub	7/9/09	JC, JC	DS
09-10	Beyond The Hub	7/9/09	JC, JC	DS
09-11	Beyond Snap, Ckl N p	13/9/09	JC1, JC	DS
09-12	Beyond Snap, Ckl S p	13/9/09	JC1, JC	DS
09-13	Beyond Snap, Ckl W p	13/9/09	JC1, JC	DS
09-14	Blind Desmt Tests p	09/11/09	PF	DS
10-04	Easter dig / crawl	3/4/10	JCq, TC1	TAC
10-05	Beyond Easter dig	3/4/10	JCq, TC1	TAC
10-06	east below aven	10/4/10	JC1, PFe	TAC
10-07	low level DE	10/9/10	TM, PF	DS
10-08	Mule Barters	11/9/10	PF, AN, TM	DS
10-09	Aven pitch	11/9/10	PE, AN, TM	DS
10-10	N side of PCHP Ext	13/9/10	JC, JCq, DS	TAC
10-11	PCHP Extension	13/9/10	JC, JCq, DS	TAC
10-12	PECP Extension	18/9/10	AN, DS	TAC
11-01	Sain de Anclasca	28/3/11	Tpau, DM	TAC
11-02	Sain de Anclasca	28/3/11	Tpau, DM, JC, JC (all shots)	
11-04	Aven Extensions (radiolus Int. detect	TM, PF	DE
12-01	Hole Shaft etc (early)	Feb) TM, PF, BW, DF	DE
14-01	Bird's Wing	3/4/14 TM, PF, DE, DF	DE
14-02	Bird's Wings	3/4/14 TM, PF, DE, WM	DE
14-03	Bird's Wings	3/4/14 TM, PF	DE
14-04	Bird's Wings	3/4/14 TM, PF, DE	DE
17-04	Mule Chmr, to Z Pass.	2/8/17 TM, DE, PF	DE
17-05	continued to Z, Pass.	4/8/17 TM, PFM, TB	DE
17-06	Mule Chmr, to Z Pass.	4/8/17 TM, PF, DE	DE
17-07	nearly loop e of St	8/8/17 TB, MG, PJ, DE	DE
17-08	South-ish Passage	8/8/17 TB, MG, PJ, DD	DE
18-07	Mule Barters	7/7/18 TB, PF	DE
18-08	S Sandy Chamber	29/12/18 TB, PF	DE
18-09	S Chamber ++	30/1/18 TB, PF	DE
18-10	S Chamber ++	30/1/18 TB, PF	DE
18-11	Z Dig Slope: WANTS	1/2/18 TB, PF	DE
18-04	Crystal Mine	1/2/18 TB, PF	DE
18-05	Crystal Mine	1/2/18 TB, PF	DE
18-06	Hidde Pond Leads	3/2/18 TB, PF	DE
18-07	SW of Ski Slope	27/3/18TB, JCa	DE
18-08	Mule Barters	27/3/18TB, JCa	DE
18-09	Mule Barters	1/4/18 TB, PF, CW	DE
19-02	Mouse Chamber+	Apr 19 TB, PF	DE
19-03	Mouse Chamber	Apr 19 TB, PF	DE
21/01+19-01	Hidde connection	30/7/19 DE, DC	-
	sheets, p6 near top entrance	21/9/21 JC	-
21-01	Canny Passage, 21/22	21/22 TM, DE, PF, JC, DS	DE
21-02	Canny Passage, 21/22	TM, DE, PF, JC, DC	DE
22-01	Dad's Drop Dow (R bolt)	14/4/22 TM PE PF	DE
24-01	Connection to PDC	4/4/24 TM, PE, DE	-
24-02	Connection to PDC - 2	4/4/24 TM, PE, CW, DE	cpc7
1803+25-02	Connection from PDC	18/4/25 TM, PE, DE, LM	DE

DE = Derek Eccleston PF = Peter Farr TM = Tom Mallalieu
MW = Wayne Wolfendale JC = Juan Corrin DS = Dominic Sedden
MG = Richard Metcalfe TB = Tom Bowood JM = Joe Mahi
JCa = John Cordingley JCq = Juan Corrin-Quegles DF = John Durkacz
JWa = James Carlisle JL = Jonny Lardner JP = John Postlewaite
PJ = Tom Clayton MJ = Henry Lowe KD = Henri Urrutia
AL = Alan Lawrence MW = Mike Wilson
BW = Nigel Timmis DM = Dave Mallalieu
DC = Dave Cooper AN = Andrew Nall Cat's Company & Climb
JH = Dave Hilton JC = Juan Corrin SW = Stuart



