## MATIENZO UNDERGROUND : Vol 4 : Sites 2401-3200

## 2401: sinks

Riaño 30T 451912 4799830 (Datum: ETRS89. Accuracy code: G) Altitude 169 m Area position

A pair of sinks at a field edge close to Cueva Hoyuca.

Reference: anon., 2006e (autumn logbook) Entrance picture : yes
Underground picture(s) Video :
 Line Survey On area surve Survex file
x
2402: shaft
N Vega 30T 4492474796834 (Datum: ETRS89. Accuracy code: G) Altitude 494m Area position

A small, undescended choked hole

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Reference: anon., 2006b (Easter logbook) Reference: anon.,
Entrance picture : yes
``` Underground picture(s):
Detailed Survey
Detailed Surv
On area surve
Survex file :
x

2403: depression
Cobadal 30T 4493084796995 (Datum: ETRS89. Accuracy code: G) Altitude 468 m
Area position

A depression in the valley bottom, full of trees and not checked for entrances.
```

Reference: anon., 2006b (Easter logbook)

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Reference: anon.,
Entrance picture
Underground picture(s):
Video :
Detailed Survey
Line Survey
On area surve
Survex file
X
2404: depression
Secadura 30T 4562744801901 (Datum: ETRS89
Secadura 30T 456274 4801901 (
Accuracy code: G) Altitude 360 m
Accuracy code
Area position

A fenced, vegetated depression - not explored.

Reference: anon., 2006b (Easter logbook) Entrance picture Underground picture(s):
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Video:
Detailed Survey :

```
Line Survey
On area surve
Survex file :
x
2405: cave
Secadura 30T 4564134801823 (Datum: ETRS89.
Accuracy code: G) Altitude 328 m
Area position

A possible cave at the base of a shakehole.
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Reference: anon.,
Entrance picture : 2006b (Easter logbook)

```
Entrance picture :
Underground picture(s)
Video:
Video :
Detailed Survey
Line Survey
Survex file :
X

2406: shaft
Cobadal 30T 4490354796763 (Datum: ETRS89. Accuracy code: G) Altitude 486 m Length 41 m Depth 31 m Area position
A shaft with \(5 \mathrm{~m}, 15 \mathrm{~m}\) and 15 m pitches to a decorated area with a 7 m slot down to a choke. There is an incompletely drawn survey - Jim?

Reference: anon., 2006b (Easter logbook) Entrance pictures: yes Underground picture(s): Video :
Video :
Detailed Survey : area sketch with sites 2400 ,
1275 (called 2401), 2407 Line Survey
On area sury
On area survey :
Survex file : yes (Amended magnetic declination December 2013 to align with Eur79 grid and Decemberdinates altered to fit ETRS89 datum, April 2014. ,
coor

MATIENZO UNDERGROUND - site descriptions (printed 19/02/2022

2410: caves
Cobadal 30T 449073 4797337 (Datum: ETRS89, Accuracy code: G) Altitude 416 m and ETRS89: 30T 4490644797391 Length 35 m

An unsurveyed cave in "space behind cliff An un
slip".

Reference: anon., 2006b (Easter logbook) Entrance picture : yes
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Video:

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Line Survey
On area surve)
On area sur
Survex file

A fenced and wood-covered shaft that chokes 5 m down.

Reference: anon., 2006b (Easter logbook) Reference: anon., 2006b (
Entrance picture: yes
Underground picture(s): Undergro Detailed Surve
Line Survey : Line Survey:
On area surve On area sur
Survex file : Survex file
X
2413: shaft
Bosmartín 30T 4495814797200 (Datum: ETRS89. Accuracy code: G) Altitude 508m Length 8 m Depth 4 m Area position

A 4 m shaft to a slope and short passages in 2 directions.

Reference: anon., 2006b (Easter logbook) Entrance picture : yes nderground picture(s) Video: Line Survey: On area surve
Survex file :

X
2414: cave
Fresnedo 30T 452363 4801070 (Datum: ETRS89.
Accuracy code: G) Altitude 263 m Accuracy code: G) Altitude 263 m Length 73 m Depth 14 m
Area position
a
Updated 16th April; 10th May; 4th, 21st October 2008; 14th September 2021; 19th May 2022; 23rd September 2023

A prominent depression against a cliff, well hidden in the jungle but, in the summer 2021, easily accessible from a logging track. At the base of a 5 m slither down through brambles and over domestic rubbish an obvious opening to the left leads
immediately to a crawl into a larger hand-and-knees crawl to a 3 m climb down over collapse to the deepest point. The cave is developed on a fault and the short throw and orbitolina bed is clearly seen at the top of the short climb.

On the right (northwestern) side of the depression another entrance on the face was enlarged and entry gained to a boulder was enlarged and entry gained to a boulder entrance.

At Easter 2008, due to the large quantities of water around, a stream was heard,
apparently falling through the solid rock face 3 m to the left of the fridge. This was excavated through a crawl to the awkward head of a pitch - a head first flat-out squeeze out over the pitch before clipping in and swinging out onto the rope. The drop descends 14 m into a chamber with 2 waterfalls entering. It was too wet to excavate at the base of the chamber. At Easter 2022, the entrance crawl was dug out with the aim of removing the pool of water halfway along.

In the summer 2008, two possible digs were investigated but stronger measures are required. The water disappears down a are required. The water disappears down a
cobble-filled crawl, and there is also another cobble-filled crawl, and there is also anot
less promising looking (but dry-ish) tube less promising looking (but dry-ish) tube
further back in the chamber. The wetter dig further back in the chamber. The wetter
with a solid-looking floor has turned to with a solid-looking floor has turned to
thixotropic mud. The drier dig connects with thixotropic mud. The drier dig connects with
the cobble-filled wet way on. Both draught the cobble-filled wet way on. Both drau
strongly. Continuation will be possible although it will require some modification to allow this. Lying flat out in the tight water filled tube allows water to be pushed forward and out of sight around the bend in a bow wave. The water can be heard falling for a short distance ( 2 m ?) followed by approx 5 second silence and then a further sound of falling water, this time much further down. (See Eldon PC Newsletter p16) (There may be errors on the survey of this section as The entrance legs appear to be out of the rock face.
The png sketch - again possibly wrong - can be The png sketch

Over three trips in August 2021, the crawl to the pitch and pitch head were enlarged and the the strongly draughting, wet way on at the base was enlarged and lengthened to where "2 more days of capping" will enable a look around the next corner. However, the "falling water" trick from 2008 could not be replicated. (See 2021 video and pictures below.)

Further work occured in August and July 2023 when it was found to be draughting in strongly.

Reference: anon., 2006b (Easter logbook); Corrin Juan, 2007; anon., 2008c (Easter logbook); anon., 2021c (summer logbook); anon., 2022b (Easter logbook); anon., 2023c (summer logbook) Entrance picture : top of depression base of depression
MATIENZO UNDERGROUND - site descripitions (printed 1900212024

Underguod

A dig next to the road that emits a very good draught on a hot day. The site lies close to the supposed drainage route from Cueva de Huerto Rey to the Nacimiento de Campiazo. The cave was excavated in the autumn 2009 to a crawl with a loose roof. Further digging occurred on a couple of occasions over Easter and the summer 2010. In a horizontal passage, the draught coming up the face of a rock under the digger's body suggested the way on should be down. Awkward digging was commenced and a gap under the edge-capped boulder and a gap under the edge-capped boulder was opened up. A boulder slope down into a
cavity big enough for a person was observed cavity big enough for a person was observed that reiforced the view that the way on is down.

The breakthrough came at Easter 2011 when the cave was explored and surveyed.

The entrance pitch of 16 m is best rigged with ladder for the first 8 m to large alcove Care is needed here on shoring. The next 8 m drops to a chamber, 5 m across with two holes in the floor which connect under boulders. The way on is a climb up anc crawl under a large fallen block then left into a crawl and 2 m climb down into the 2 nd chamber.
Opposite the climb down, on the far wall, is a scramble up of 3 m to walking passage into a scramble up of \(3 m\) to walking passage
a 3 rd chamber where all routes seem to a 3rd choke.
choke
At the base of the boulder slope in the 2 nc chamber is an 11 m pitch into a lowe chamber which chokes at the lowest point. Two small rifts part way up one wall both choke; the left hand one may dig. Across the top of the 11 m pitch is a small inlet to a 4 m pitch (which looks blocked). The on both walls.

In 2012, the inlet at the top of the third pitch was pushed for about 15 m to where it becomes too low at a pool. Also, at the top of the lowest chamber, some blocks were moved giving a through route to the third chamber above, meaning that the last pitct can be avoided. Halfway up, a hole looks through onto a short shaft which needs capping (or a thinny). One of the pitch tops is /was dangerous - see video.

Reference: anon., 2006b (Easter logbook); anon 2007d (summer logbook); Corrin Juan, 2007a; (Easter logbook); 2011b (Easter logbook); 2012d (summer logbook) Entrance pictures : yes (2006, 2007, 2009 and 2011)
Underground picture(s): yes, 2012
Video : dangerous pitch head (YouTube)
Detailed Survey : \(1: 250\)
Detailed Survey : 1:250
Line Survey :
Survex file : yes (Amended magnetic declination
Survey
Survex file : yes (Amended magnetic declin
December 2013 to align with Eur79 grid and
December 2013 to align with Eur79 grid and
coordinates altered to fit ETRS89 datum, April 2014.

\section*{2416: cave}

\section*{ength 37 m Depth 7 m Area position}

Updated 25th April, 7th May 2013
A strongly draughting, letterbox entrance just beyond the entrance to Mad Axe Woman Cave. A 3 m flat-out crawl leads to a \(3 \times 3 \mathrm{~m}\) stand-up chamber. A drop down a square slot enters a 1 m wide passage going 10 m to a choke. A climb up to a bedding 10 m to a choke. A climb up to a bedding
leads to tree roots and a choke. On the left is a blocked tube while below the slot is a is a blocked tube while below the slot is a small draughting passage which may dig
The site was surveyed at Easter 2013.

Reference: anon., 2006b (Easter logbook); anon., 2013b (Easter logbook) Underground picture(s): yes: photos of spiders, 013
Video : likely to appear after summer 2013
Detailed Survey : pdf file Line Survey On area survey Survex file : yes (Amended magnetic declination December 2013 to align with Eur79 grid and
 X
2418: Trackside Cave Riaño 30T 4519964800033 (Datum: ETRS89 Accuracy code: G) Altitude 177 m Length 86 m Depth 18 m Area position

Updated 16th January 2010
The cave is entered through a small, strongly draughting muddy hole in the bank of the track, dropping down into a chamber with some stal in the roof. An immediate limb up over boulders enters a crawl with climb up over boulders enters a crawl with sharp crystals and broken calcite on the loor, and following this enters a cross rift. Straight across at this junction is a window解 the left, one in the roof and the other in the wall high up. These give a " \(Y\) " hang from where you can pass through the window and on to a sloping floor with and bolt placement on the left hand wall. A sloping traverse out to the pitch head is now possible on sharp rystal walls.
At the pitch head a single bolt gives a reasonable hang. If this route becomes well used then a second bolt placement to the right of the pitch head bolt will give a quality free hang. The pitch swings around a corner to the left (when looking back at the
traverse) and a re-belay is required. (A sling was placed around a flake of rock, 6 metres above the base of the pitch) The bottom of the pot was found to be blind The bottom of the pot was found to be blind. On closer inspection there are two possible pot is on an east / west heading. At the pot is on an east / west heading. At the eastern end a small draught comes through
a small, 5 cm diameter hole in the soft mud small, 5 cm diameter hole in the soft mud loor, the western end is under an overhang straws in the roof and also has a sot mud floor. A return visit when the air merature is much higher may confirm the leads

Reference: anon., 2006b (Easter logbook); Corrin uan, 2007 Entrance picture : yes
Underground picture(s): yes
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Video :

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Detailed Survey : png file
On Paul Fretwell's latest version of the Fours Valleys
Ong file
Survey
On area survey
Survex file : yes (Amended magnetic declination December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014. X
2419: cave

\section*{S Vega 30T 4523624794331 (Datum: ETRS8} Accuracy code: G) Altitude 544 m Area position

A rift entrance slopes down to a tigh continuation.

Reference: anon., 2006b (Easter logbook) Entrance picture : ye
 Detailed Sur On area surve Survex file
x
2420: shaft
S Vega 30T 4523684794315 (Datum: ETRS89 Accuracy code: G) Altitude 546m Length 3 m Depth 3 m Area position

A \(3 m\) deep shaft with a slope at the base which chokes.

Reference: anon., 2006b (Easter logbook)
Entrance picture : yes Entrance picture : yes
Underground picture(s)

\section*{2421: shaf}

S Vega 30T 4523504794382 (Datum: ETRS89

A \(4 m\) deep shaft in a shakehole has a \(3 m\) long choked passage half way down and another in a hole at the base

Reference: anon., 2006b (Easter logbook) Entrance picture : yes Underground picture(s) Video:
Detailed Survey Line Survey On area survey Survex file

\section*{2422: shaf}

\section*{Shaft}
"Cave in cliff \(1 / 3\) rd way up with daylight visible \(5 \mathrm{~m}+\) ".

Reference: anon., 2006b (Easter logbook) Entrance picture : yes Underground picture(s)
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Video :

```
Detailed Survey :
Line Survey
On area survey
Survex file

\section*{2424: shaf}

Underground picture(s):
Video :
x
2427: collapse
2427: COllapse
Ozana 30T 4542354795638 (Datu
Accuracy code: G) Altitude 475 m
Accuracy code
Area position
A collapsed area of ground, possibly site
183.
Reference: anon., 2006b (Easter logbook)
Entrance picture : yes
Underground picture(s)
Video:
Vetailed Survey:
Detailed Sur
On area survey
On area sury
Survex file :
x
2428: Slip Rift Cave
Ozana 30T 4546134795076 (Datum: ETRS89.
Ozana 30T 454613 4795076 (Datu
Accuracy code: G) Altitude 430 m
Length 3 m Depth 3 m
Area position
A 3 m vertical choked rift that may be site
1729.
Reference: anon., 2006b (Easter logbook)
Entrance picture, : yes
Underground picture(s):
Video:
Detailed Survey
Detailed Sury
On area surve
Survex file :
x
2429: Side Shaft Cave
Ozana 30T 4544494795189 (Datum: ETRS89
Accuracy code: G) Altitude 417 m
Length 4 m
Area position
This cave is found at the base of the cliff on
a ledge. The cave is accessed by traversing
a ledge. The cave is accessed by traversing
along the ledge from the west. It's entered
by climbing 4 metres up into the cave; the
entrance rises to 8 metres and short
horizontal development gives 4 metres
length.
Reference: anon., 2006b (Easter logbook)
Reference: anon., 2006
Entrance picture : yes
Entrance picture : yes
Underground picture(s):
Video :
Detailed Survey
Detailed Sury
On area survey :
Survex file :
X
2430: shaft
Fresnedo 30T 452773 4800990 (Datum: ETRS89.
Fresnedo 30T 4527734800990 ( D
Accuracy code: G) Altitude 215 m
Accuracy code: G) Altit
Length 4 m Depth 4 m
Area position
Updated 8th October 2006

A 4 m deep shaft, tight at the top, that opens out and goes down a slope to a choke. Draughting in.

Reference: anon., 2006b (Easter logbook); anon., 2006d (summer 2006)
Entrance pictures: yes
Underground picture(s):
Video:
Detailed Survey :
Detailed Sur
Line Survey
Line Survey :
On area surve
On area sur
Survex file :
x
2431: dig
Fresnedo 30T 4527914800985 (Datum: ETRS89.
Fresnedo 30T 4527914800985 (D
Accuracy code: G) Altitude 215 m
Depth 3m
Depth \(3 m\)
Area position

Updated 8th October 2006
A 2.5 m deep hole with a block across the top that needs splitting and a possible slope on down.

Reference: anon., 2006b (Easter logbook); anon., Reference: anon., 2006
2006d (summer 2006) Entrance picture : yes Underground picture(s) Video :
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Detailed Surve

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On area surve
Survex file :
X
2432 dig
Solórzano 30T ??

A diggable tube, draughting in, in a rock outcrop on the west side of the gulley and a opening to the left. No grid reference Lank?

Reference: anon., 2006b (Easter logbook) Entrance picture :
Underground picture(s): Video :
Detailed Survey Line Survey On area sur Survex file

\section*{2433: shaft}

Camposdelante 30 T 4470194799465 (Datum ETRS89. Accuracy code: G) Altitude 250 m Length 40 m Depth 8 m Area positio

Updated 14th April 2008
A big slip rift against the solid cliff up in trees. A climb down at the east end leads to a 4 or 5 m drop at the west end. The gri reference is taken about 30 m out from the rift in more open ground.
The site was explored in October 2007. The western end of the rift was found to be draughting out quite strongly. After some boulders were pulled out one large slab blocked the way in. An attack on this with hammer and chisel removed the obstruction (Note the LHS of the entrance looking in is large, dangerously loose boulders.)
A very loose, 5 m deep pitch leads to a rift A vassage. Back under the entrance, the rift is passage. Back under the entrance, the rift is
choked, whilst to the west a 0.5 to 1 m wide choked, whilst to the west a 0.5 to 1 m wide rift can be followed for 32 m to a choke. Tr rift is 3 to 5 m high with a mud floor. The 32 m passage runs mainly on 270 degrees whereas the entrance rift is on 225 . The 270 degree direction is likely to bring the passage back out into the valley unless it pitches.

Reference: anon., 2006b (Easter logbook); anon., Reference: anon., 2006b (Easter logt
2007e (autumn + Christmas logbook) Entrance picture : y Underground picture(s): yes
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Video :

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Line Survey:
Ine Survey
On area sur
On area sur
Survex file

\section*{2434: shaft}

Camposdelante 30T 4471674799559 (Datum
ETRS89. Accuracy code: G) Altitude 280 m ETRS89. Accuracy code: G) Altitude 280 m Area positio

\section*{Updated 14th April 2008}

A 6 m deep shaft covered with sandston slabs which seems to go into a winding fissure with an echo. A very tight hole tha needs capping. A broken hammer lies at the base of the shaft

Reference: anon., 2006b (Easter logbook); anon., 2007e (autumn + Christmas logbook)

\section*{Line Surve
On area} On area surv
Survex file :

\section*{x}

\section*{2437: Kunka, Torca}

S Vega 30T 4524084794150 (Datum: ETRS89. Accuracy code: G) Altitude 572 m Length 110 m Depth 44 m Area position

Updated 8th October 2006; 13th May 2007; 7th May 2009

A \(4 \times 2 \mathrm{~m}\) open shaft with laurel tree has a good stone rattle and echo. A 27 m pitch drops down to a floor with a dig. The other route drops 20 m in a rift with a further 17 m drop to a small streamway. This has been dug in a couple of places and currently ends at another dig in a very narrow, but draughting rift.
At Easter 2009, the short pitch was descended and a short dig entered 10 m of passage with flowstone. Reference: anon., 2006b (Easter logbook); anon.,
2006d (summer 2006); Corrin Juan, 2007; anon.,
2007b (Easter logbook); Corrin Juan, 2007a; anon., 2006d (summer 2006); Corrin Juan, 2007; anon.,
2007b (Easter logbook); Corrin Juan, 2007a; anon., 2009a (Easter logbook);
Entrance picture : y
Underground picture(s): yes
Video : rock down entrance
Video : rock down entrance
Detailed Survey : 1:500 pdf (Easter 2007) Line Survey :
Survex file : yes (Amended magnetic declination Survex file : yes (Amended magnetic declina
December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014.) x 2438: shaft
S Vega 30T 4522964794168 (Datum: ETRS89. Accuracy code: G) Altitude 585 m
Depth 5 m Depth 5
Area position
A 5 m deep shaft that appears choked. It has an orange tag labelled LBT128 and is probably in the area explored by the Asociación Espeleologica Conquense Lobetum.

Reference: anon., 2006b (Easter logbook) Reference: anon., 200
Entrance picture : yes
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Underground picture(s):

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Video:
Detailed Survey
Line Survey
On area surve
Survex file
Survex fil
X
2439: shaft
S Vega 30T 452074 4794240 (Datum: ETRS89.
Sccuracy code: G) Altitude 590m
Ald
Accuracy code: G) Alti
Length 8 m Depth 8 m
Area position
Updated 8th October 2006
An open shaft that is choked in all
directions.
Video: yes (11Mb)
Detailed Surve
Line Survey :
On area survey :
Survex file :
x
2440: dig
S Vega 30T 452012 4794459 (Datum: ETRS89
S Vega 30T 452012 4794459 (Dat
Accuracy code: G) Altitude 567 m
Accuracy cod
Length 3 m
Area position

A "very diggable" 3m long, slightly A "very diggable" 3 m long, slightly
draughting cave at the foot of the cliff.

Reference: anon., 2006b (Easter logbook) Entrance picture : yes
Underground picture(s): Video:
Detailed Survey : Line Survey On area surve Survex file
X

\section*{2441 shaft}

Camposdelante 30T 4475344800009 Altitude 413 m Length 20 m Depth 7 m

Updated 7th May, 2nd July 2009; 26th June 2010

On the east side of the most westerly of the two Alto de Portillon peaks. The site is on the side of a steep, grassy-floored depression and is a 15 m slope to an depression and is a 15 m slope to an
undercut. When the site was given another undercut. When the site was given anoth
look at Easter 2009, it was described as look at Easter 2009, it was de
requiring tackle and 9 m deep.

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At Easter 2010, this was explored down the shaft into a chamber followed by a craw into a short passage with a choked rift in the floor.

Reference: anon., 2006b (Easter logbook); anon., Reference: anon., 2006b (Easter logbook); a
2009a (Easter logbook); anon., 2009b (Whit 2009a (Easter logbook); anon., 2009b (W
logbook); anon., 2010b (Easter logbook) Entrance pictures : yes
Underground picture(s)
Video : tight slot with a further drop and echo.

Reference: anon., 2006b (Easter logbook) Entrance pictures Underground picture(s): Video:
Detailed Survey Line Survey Survex file :

2448: shaft
Ozana 30T 4535664794479 (Datum: ETRS89 Accuracy code: G) Altitude 323 m Length 4 m Depth 4 m Area position

A 4m deep rift with a slight echo.
Reference: anon., 2006b (Easter logbook) Reference: anon., 2
Entrance pictures : Underground picture(s): Video:
Detailed Survey Line Survey On area surve
Survex file :

\section*{x}

2449: dig
Ozana 30T 4538064794353 (Datum: ETRS89 Accuracy code: G) Altitude 289 m Accuracy cod
Area position
Updated 8th October 2006; 22nd June 2013
A wet weather stream sink down the slope from the pylon and cabaña. An excavated entrance into a sideways, disintegrating 5 m entrance into a sideways, dirgegrating which may become larger ahead crawl which may become larger ahead. The sink may connect with site 2450 and is likel
to be a source of the water seen upstream to be a source of the water seen upstream
in site 3884 . The latter cave is gently rising in site 3884 . The latter cave is gently ris
in small passage about 22 m below site in small passage about 22 m below site 2449.

A visit to the dig in August 2006 did not seem optimistic.

Reference: anon., 2006b (Easter logbook); anon.,
2006d (summer 2006) 2006d (summer 2006
Entrance pictures : yes
Underground picture(s):

\section*{Video :}

Detailed Survey Line Survey : On area survey Survex file :

\section*{X}

2450: cave
Ozana 30T 4538194794354 (Datum: ETRS89 Ozana 3014538194794354 (Datu
Accuracy code: G) Altitude 288 m Length 7m

\section*{Area positio}

Updated 8th October 2006
A low entrance with a view through a small slot into passage. The cave draughts out and has an unstable roof. The hole may connect with the sink, site 2449. In August 2006, the roof was stabilised and access gained to 5 m of crawling via a 1.5 m steep slope. The crawl ends too tight.

Reference: anon., 2006b (Easter logbook); anon., Reference: anon., 200 )
2006d (summer 20066) 2006d (summer 2006)
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Underground picture(s):

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Video:
Video:
Detailed Survey
Line Survey
On area survey
Survex file
X

2451: cave
S Vega 30T 4519314794477 (Datum: ETRS89 Accuracy code: G) Altitude 554 m Accuracy code
Area position

Updated 6th May 2019
A cave at the foot of a cliff which has a rock slope to a visible floor. Requires a thin person or a lump hammer.

This was explored (?) in December 2018 and described as appearing undisturbed with no signs of previous exploration. A hading passage descends approximately \(3-4 \mathrm{~m}\) and leads to a small chamber with cobble/small boulder floor.

Reference: anon., 2006b (Easter logbook); anon., anon., 2018e (Christmas logbook) Entrance pictures: December 2018 Underground picture(s):

\section*{ideo :}

MATIENZO UNDERGROUND - site descriptions (printed \(19102 / 2024\)
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On area surv

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Survex file

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Survex file

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the relationship to aite 669
Reference: anon., 2006b (Easter logbook)
Entrance pictures: yes
Underground picture(s)
Under
Detailed Survey
Detailed Su
Line Survey
On area survey
On area su
Survex file

\section*{2457: hole}

\section*{Riaño 30T 45185} Accuracy cod
Area position

A small hole in a field
Reference: anon., 2006b (Easter logbook) carried out.

Reference: anon., 2006b (Easter logbook) Reference: anon., 2006b
Entrance pictures: yes Entrance pictures: yes
Underground picture(s): Video:
Detailed Survey Line Survey On area surve
Survex file : Survex fil

X
2459: hole
Riaño 30T 452031 4799973 (Datum: ETRS89. Accuracy code: G) Altitude 165 m Length 1 m Depth 1 m Area position

A 1 m deep hole in a field.
Reference: anon., 2006b (Easter logbook)
Entrance pictures: yes
Reference: anon., 2006b
Entrance pictures: yes
Underground picture(s):

\section*{Video:}
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Detailed S

$$
\begin{aligned}
& \text { Detailed Surve } \\
& \text { Line Survey } \\
& \text { On area surve }
\end{aligned}
$$

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On area survey:
Survex file:
x
2460: cave
Riaño 30T 4520274800005 (Datum: ETRS89. Riaño 30T 4520274800005 (Datur
Accuracy code: G) Altitude 173 m Accuracy code:
Length 10 m Depth 2 m Area position

A walk-in rift below the path which turns round to the left and gets too small.

Reference: anon., 2006b (Easter logbook) Entrance pictures: yes
Underground picture(s): y Underg
Detailed Survey : Line Survey : On area surve Survex file :
x
2461: cave
San Miguel 30T 4570844796036 (Datum: ETRS89 Accuracy code: G) Altitude 223 m Accuracy cod
Length 14 m Area position
Updated 13th May 2007; 8th January 2020
A stooping entrance in a shallow depression down off the track. A 14 m long chamber closes in at the rear with a possible dig. The cave is an animal lair.
The cave has been documented by the ADEMCO as AD-62 on p35-37 in the ADEMCO 2019 Journal. Reference: anon., 2006b (Easter logbook); anon.,
2007b (Easter logbook); Sierra Jose Luis, 2019 Entrance pictures : yes

A \(0.5 \times 0.3 \mathrm{~m}\) entrance to 2 m of passage and a possible dig with no draught.
```

Reference: anon., 2006b (Easter logbook)
Entrance pictures
Underground picture(s)
Underground pictu
Video:
Detailed Survey
Line Survey:
Survex file:
x
2463: cave
San Miguel 30T 456970 4795331 (Datum: ETRS89
l

```

A walk-in slot to a low crawl and an enlargement with stal. Not explored.

Reference: anon., 2006b (Easter logbook) Entrance pictures: yes Underground picture(s): yes Video:

\section*{Detailed Surve}

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\section*{On area surv
Surver \\ Survex file}
2464: shaft
Mullir 30T 4563324795492 (Datum: ETRS89.
Mullir 301456332495492 (Datu
Accuracy code: G) Altitude 475 m
Depth 3m
An undescended \(3 m\) deep shaft covered in
boulders.
Reference: anon., 2006b (Easter logbook)
Entrance pictures : yes
Underground picture(s)
Video :
Detailed Survey
Detailed Sur
Line Survey
Line Survey
On area sur
On area sur
Survex file
Survex
2465: cave
Mullir 30T 4567974795212 (Datum: ETRS89
Accuracy code: G) Altitude 434m
Length 15 m
Area position
Updated 27th April 2012
"Below a tree and above an obvious hole on
the hillside, this is an open cave that need
investigating."
At Easter 2012, the entrance was found
hidden by a fallen tree. A flat out crawl
enters a chamber with a calcited slope up to
enters a chamber with a calcited slope
the right and a trench down on the left
the right and a trench down on the left
which is completely blocked by a large rock.
Reference: anon., 2006b (Easter logbook); anon.,
2012b (Easter logbook
Entrance pictures: yes
Undergr
Video :
Detailed Survey
Line Survey
On area surv
Survex file
2466: diq
Seldesuto 30T 4499074794456 (Datum: ETRS89
Seldesuto 30T 4499074794456 (
Accuracy code: G) Altitude 420 m
Accuracy code: G) Altitude 420 m
Area position
A dig under boulders where stones fall a few
feet. Not a good site.
Reference: anon., 2006b (Easter logbook)
Entrance pictures : yes
Underground picture(s):
Underground picture
Video:
Detailed Survey
Detailed Sur
Line Survey
Line Survey
On area sur
Survex file
2467: resurgence
Riaño 30T 4522874800344 (Datum: ETRS89.
Riaño 30 ccuracy code: G) Altitude 327 m
Area position
A
A small, draughting resurgence
Reference: anon., 2006b (Easter logbook
Referance pictures : yes
Entrang
Underground picture(s): yes
Video
Detailed Survey
Line Survey
On area sur:
X
2468: sink
Riaño 30T 4523054800334 (Datum: ETRS89.
Accuracy code: G) Altitude 330 m
Area position
A small sink.
Reference: anon., 2006b (Easter logbook)
Entrance pictures : yes
Underground picture(s):
Video :
Detailed Survey
Line Survey
On area survey
Survex file

2469: sink
Riaño 30T 452253 4800327 (Datum: ETRS89, Riaño \(30 T 4522534800327\) (Datu
Accuracy code: G) Altitude 313 m Area position

A 2 m diameter sink with bags of animal bones which were found, at autumn 2006, to be no real barrier to digging.

On area survey
Survex file x 2470: hole
Riaño 30T 4524054800084 (Datum: ETRS89. Accuracy code: A) Altitude 277 m
Area position Area position

Updated 19th September 2013
A hole on the woodland side of the fence and field boundary.

Reference: anon., 2006b (Easter logbook); anon., 2013d (summer logbook
Entrance pictures : ye Entrance pictures : yes
Underground picture(s): Underground pictu
Video:
Detailed Survey : Detailed Surve
Line Survey : On area surve Survex file :
X
2471: hole
Riaño 30T 452277 4800383 (Datum: ETRS89, Accuracy code: G) Altitude 332 m Area position

A 1 m diameter hole hidden in brambles with cool air but no draught.
```

Reference: anon., 2006b (Easter logbook)
Entrance pictures : yes
Undergr
Detailed Surve
Line Survey
On area survey :
Survex file :
X
2472: shaft
Riaño 30T 4526304800130 (Datum: ETRS89
Accuracy code: G) Altitude 297m
Area position
A shaft, possibly site 1428 ? (No more details).
Reference: anon., 2006b (Easter logbook) Entrance pictures : yes Underground picture(
Video :
Video :
Detailed Survey
Line Survey :
On area surve
X
2473: cave
Riaño 30T 452601 4800099 (Datum: ETRS89,
Accuracy code: G) Altitude 280m
Length m
Area position
A "cave".
Reference: anon., 2006b (Easter logbook)
Reference: anon., 2006b
Video:
Detailed Survey
Line Survey
On area surve
x
2474: cave
Fresnedo 30T 452627 4801054 (Datum: ETRS89.
Fresnedo code: G) Altitude 242m

```

An unexplored, body-sized, phreatic tube located at the base of an outcrop.
```

Reference: anon., 2006b (Easter logbook)
Reference: anon., 2

```
Entrance pictures:
Video:
Detailed Survey
Detailed Sur
Line Survey
On area survey
Survex file :
2475: sink
Fresnedo 30T 4526524800915 (Datum: ETRS89.
Fresnedo 30T 4526524800915 (
Accuracy code: G) Altitude 236 m
Accuracy code
Area position

A small sink
Reference: anon., 2006b (Easter logbook)
Entrance pictures : Entrance pictures
```

Underground picture(

```
Video :
Video:
Detailed Survey
Line Survey:
Line Survey :
On area survey :
On area sury
Survex file :
x
2476: Carcass Cave
Fresnedo 30T 4530254800995 (Datum: ETRS89.
Fresnedo 30T 453025 4800995 (D
Accuracy code: G) Altitude 170 m
Length 23 m
Area position

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Updated October 8th 2006; 17th April 2008

\section*{2478: sink}

A shaft covered with large rocks with a good echo and strong draught at Easter 2006 The shaft was opened up in July 2006 and a 3 m pitch dropped into a rift. To the right the passage can be seen to get bigger after
another metre. The left route goes for 3 m another metre. The left route goes for 3 m
but gets very tight. The site was re-explored but gets very tight. The site was re-explored
in 2012 with the comment, "no obvious way in 2012 wit
to extend".

Reference: anon., 2006b (Easter logbook); anon Reference: anon., 2006b (Easter logbook); an
2006d (summer 2006); anon., 2012d (summer


A 5 m slope down ends in a blind, silt-floored chamber about 50 m northeast of the chamber about 50 m northeas
Astradome in Cueva Hoyuca.

Reference: anon., 2006b (Easter logbook)
Entrance pictures : yes Entrance pictures : yes Underground picture(s):
```

Video

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```

Detailed Surve

```
On area surve
Survex file :
x

2482: shaft (2032 (French: SCD) (T.O., Torca) Piluca 30T 451619 4793751 (Datum: ETRS89. Piluca 10 c
Accuracy code: G) Altitude 665 m Decuracy \(\begin{aligned} & \text { Depth } \\ & \text { Area position }\end{aligned}\)
Updated 2nd July 2009; 11th February 2016; 24th September 2018; 17th November 2022

According to Simonnot G, 2016, the site According to Simonnot G, 2016, the sit
position is ETRS89 04516094793752.

A small hole southwest of the summit of Piluca, 60 m from the split in the track. The hole is covered with brambles. Stones drop 5 m and the shaft sounds a good size.
Reference: anon., 2006c (Whit logbook); anon.,
2009b (Whit logbook); Simonnot G, 2016; Simonno G, 2018; Simonnot G, 2022
Entrance pictures : yes
Underground picture(s)
Underg
Video
```

Detailed S
Dine Survey :

```
On area surve
On area sury
x

2483: cave
El Naso 30T 451448 4796620 (Datum: ETRS89. Accuracy code: G) Altitude 445 m Depth \(2 m\)

\section*{Area position}

Two large blocks cover a drop down onto boulders and a rift. The site seems to continue down a couple of metres.
```

Reference: anon., 2006d (summer logbook)
Entrance pictures: ye
Underground picture : yes
Video:
Detailed Survey
Detailed Sur
Line Survey :
Survex file :
x
2484: shaft
El Naso 30T 4507394796655 (Datum: ETRS89.
El Naso 30T 4507394796655 (Dat
Length 15m Depth 9m
Area position
Updated 17th February 2022
This hole was descended 16 years after being first documented. A 2 m pitch on the uphill side of the large boulder drops to a slope into a small chamber and a crawl to very narrow slot in calcite, about 5 m deep. It seems to open up a little below. Reference: anon., 2006d (summer logbook); anon., 2022a (January, February logbook)
Entrance pictures : 2006, 2022 Underground pictures : 2022 Video : Detailed Survey : sketch Line Survey : On area survey :

```
```

Survex file :

```
Survex file :
2485: cave
2485: Cave 48 Gatuna 30T 4492914800017 (Datum: ETRS89. Accuracy code: G) Altitude 133m Length 5 m Area position
```

A cold hole strewn with rubbish bags and leaves. The draught comes from holes in the floor but the site is too small in boulders.

Reference: anon., 2006d (summer logbook); Corrin Juan, 2007 Entrance pictures : yes
Underground picture : Video :
Detailed Survey Line Survey

MATIENZO UNDERGROUND - site descriptions (printed $\begin{gathered}\text { Volume } 4-\text { page } 12021\end{gathered}$

## on area surv <br> Survex file

2486: shaft
La Gatuna 30T 449243 4800013 (Datum: ETRS89.
Accuracy code: G) Altitude 137 m Accuracy code: G) Altitude 137 m
Length 26 m Depth 5 m Length 26 m Depth 5 m Area position

Updated 13th May 2007
A $3 \times 2 \mathrm{~m}$ shaft top which is draughting out. In July 2006 a probable ex-goat needed to rot away before the shaft could be
comfortably explored. At Easter 2007, a dead cow at the shaft base needed to decay. Over the top of the shaft is a hands-andknees crawl which ends after 21 m at a runin. There are occasional glimpses down to a lower level (currently blocked by the cow). Reference: anon., 2006d (summer logbook); anon.
2007b (Easter logbook); Corrin Juan, 2007; Corrin Juan, 2007a Entrance pictures : yes activities at Easter 2007 Underground picture :

2488: cave
La Gatuna 30T 449258 4800046 (Datum: ETRS89 La Gatuna 30T 4492584800046 (
Accuracy code: G) Altitude 128 m
Accuracy cod
Length 16 m
Length 16 m
Area position
The entrance lies in the same depression as site 2487 and is a low crawl probably closed site 2487 and is a low crawl probably closed off with rocks. A draughting low bedding enlarges to anop down becomes too tigh
Reference
Juan, 200
2007 non., 2006d (summer logbook); Corrin
Entrance pictures : y
Underground picture : ye
Video :
Detailed Survey : sketch survey pdf file
Detailed Surv
Line Survey :
On area survey
Survex file : yes (Amended magnetic declination
December 2013 to align with Eur79 grid and
coordinates altered to fit ETRS89 datum, April 2014.)
coth
x
2489: cave
La Gatuna 30T 4492804800049 (Datum: ETRS89
La Gatuna 30T 4492804800049 ( $\left[\begin{array}{l}\text { Accuracy code: G) Altitude } 128 \mathrm{~m}\end{array}\right.$
Accuracy code: G) Altitu
Length 20 m Depth 4 m
Length 20 m

The entrance is in a depression with many trees. A spiral down into a chamber with a choked inlet and outlet. The site draughts and there is a narrow rift that may be pushed.
Reference: anon., 2006d (summer logbook); Corrin

Video:
Detailed S
Line Sury Line Survey On area surv Survex fils

2491: Tablons 2 S Vega 30T 4524864794981 (Datum: ETRS89 S Vega 30T 4524864794981 (Dat
Accuracy code: G) Altitude 308m Accuracy cod

In a gulley to the west of Cueva Tablons (site 242). The site has been dug down in a very narrow, draughting rift and is now abandoned and capped.
 Entrance pictures Underground picture Video : Detailed Survey Line Survey Survex file : x
2492: Tablons 3
S Vega 30T 4524774794985 (Datum: ETRS89. Accuracy code: G) Altitude 309 m Length 5 m Depth 2 m Area position

A covered entrance about 10 m to the west of Tablons 2 (site 2491). A narrow, draughting rift meets a T-junction with a very narrow route to the right.

Reference: anon., 2006d (summer logbook); Corrin Juan, 2007
Entrance pictures : yes
Underground picture :
Video: photos and the up-your-endiscope
Detailed Surve
Line Survey
On area surve
Survex file
X

2493: Tablons 4
S Vega 30T 4524904794984 (Datum: ETRS89. Accuracy code: G) Altitude 305 m Area position

In the shallow gulley below Tablons 2 (site 2491). A good draught comes up from a tin rift. The dig has been abandoned and capped. Reference: anon., 2006d (summer logbook); Corrin Entrance picture Entrance pictures :
Underground picture Video : Detailed Surve
Line Survey : Line Survey On area surve Survex file :

X
2494: collapse Moncobe 30T 4457774795844 (Datum: ETRS89 Moncobe 30T 4457774795844 (D
Accuracy code: G) Altitude 475 m Accuracy cod

A collapse area with cool air which requires further investigation.

Reference: anon., 2006d (summer logbook) Entrance pictures : yes Underground picture

```
Video:
```

Detailed Survey
Line Survey :
On area surve
Survex file
x
2495: shaft
Moncobe 30T 4456414795828 (Datum: ETRS89
Moncobe $30 T 4456414795828$ (D
Accuracy code: G) Altitude 504 m
Depth 3m
Area position

An undescended 3 m deep shaft with a flat roof. The shaft appears to be choked.

Reference: anon., 2006d (summer logbook) Entrance pictures : ye Underground picture : Video:
Detailed Survey
Line Survey Line Survey On area surve
Survex file :

X
2496: shaft
Moncobe 30T 4454874795836 (Datum: ETRS89 Accuracy code: G) Altitude 518 m Depth 3m Area position

Updated 11th December 2018
An undescended, covered 3 m deep shaft. When inspected in 2018, it appeared to open out below, requiring exploration.

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Reference: anon., 2006d (summer logbook); anon.,
2018d (autumn logbook) Entrance pictur Underground picture : Video : Detailed Survey Detailed Surv Line Survey
On area sur On area sur
Survex file :

## 2497: cave

Moncobe 30T 4458174796014 (Datum: ETRS89. Accuracy code: G) Altitude 427 m Area position

A steep sided depression with a number of likely-looking holes. However, the only on of interest appears to be at the base wher a short climb down enters a bouldery chamber that may dig.

Reference: anon., 2006d (summer logbook)
Reference: anon., 2006d
Entrance pictures : yes
Entrance pictures: yes
Underground picture :
Video : Phil Papard emerging
Detailed Survey
Line Survey
On area survey Survex file

2498: shaft
Moncobe 30T 4458514796031 (Datum: ETRS89 Moncobe 30T 4458514796031 (D
Accuracy code: G) Altitude 416 m Accuracy code
Area position

A brambly, fenced shaft that remains undescended.

Reference: anon., 2006d (summer logbook) Entrance pictures :


```
Video:
```

Detailed Survey :
Line Survey :
On area survey
Survex file

## 2499: shaf

Moncobe 30T 4457234796059 (Datum: ETRS89. Accuracy code: G) Altitude 422 m
Area position Area position

The lower of a couple of shafts, the other being site 2500 . Undescended.

Reference: anon., 2006d (summer logbook) Entrance pictures : y

2501: dig Secadura 30T 4553924800010 (Datum: ETRS89 Secadura 30T 4553924800010 (D
Accuracy code: G) Altitude 127 m Accuracy code: G) Alti
Length 5 m Depth 4 m Length 5 m
Area position

Updated 10th October 2007
A very narrow, excavated dig in a rift that was widened in 2007 to descend the 4 m drop. A small chamber at the base has a steeply descending calcite roof. A large flake needs removing if digging the floor with bucket and rope is to be feasible. Reference: anon., 2006d (summer logbook); anon.
2007d (summer logbook); Corrin Juan, 2007a Entrance pictures : y
Underground pictures : yes
Video : explorations (20Mb)
Detailed Survey
Detailed Surv
On area sur Survex file

2502: cave
Las Calzadillas 30 T 4475684795601 (Datum. ETRS89. Accuracy code: M) Altitude 406 m Area position

Updated 17th May 2015

The site was enlarged at Easter 2015 when reached boulders after 3 m and a very narrow descending $3 m$ deep rift.

Reference: anon., 2006d (summer logbook); anon Reference: anon., 2006d (summer logbook); 2014d (autumn logbo
logbook)
Entrance pictures : Video : Video:
Detailed Survey
Line Survey
Survex file:
X
2503: dig
Las Calzadillas $30 T 4475584795611$ (Datum: ETRS89. Accuracy code: M) Altitude 403 m Area position

A dig close to site 2502
Reference: anon., 2006d (summer logbook); anon., Entrance pictures : Entrance pictures:
Underground picture Video:

$$
\begin{aligned}
& \text { Detailed Surve } \\
& \text { Line Survey : }
\end{aligned}
$$

$$
\begin{aligned}
& \text { Line Survey: } \\
& \text { On area survey }
\end{aligned}
$$

Survex file :
x
2504: cave
Las Calzadillas $30 T 4475384795621$ (Datum: Las Calzadillas 30T 4475384795621 (Datum ETRS89. Accu
Area position

## Updated 5th January 2015

A short crawl with a water pipe. This could not be found in November 2014 and may be filled in.

Reference: anon., 2006d (summer logbook); anon 2014d (autumn logbook Entrance pictures

```
Underground pictur
```

Video:
Line Survey :
On area surve
Survex file :
x
2505: dig
Moncobe 30T 4453944796284 (Datum: ETRS89.
Moncobe $30 \mathrm{Cle:G}$ Altitude 395 m
Accuracy code
Area position

A $3 m$ deep fissure that needs opening out.
Reference: anon., 2006d (summer logbook) Entrance pictures Underground picture Video:

```
Detailed Surv
```

Line Survey:
On area surve
Survex file :
Survex file
x

2506: shaft
Moncobe 30T 4455194796273 (Datum: ETRS89 Accuracy code: G) Altitude 365m
Area position
An overgrown $3 \times 1 \mathrm{~m}$ hole that needs investigation.

```
Reference: anon., 2006d (summer logbook)
Reference: anon., 2
Entrance pictures :
Underg
Detailed Survey
Line Survey
On area survey
Survex file :
x
2507: shaft
Moncobe 30T 445498 4796261 (Datum: ETRS89,
Moncobe 30T 445498 4796261 (D
Depth 2m
Area position
The entrance is by a water pipe. A 2 m shaft to boulders which may continue below.
Reference: anon., 2006d (summer logbook) Entrance pictures: Underground picture Video: Line Survey: Line Survey:
On area surve Survex file :
x
2508: diq
Moncobe 30T 4455664796146 (Datum: ETRS89. Accuracy code: G) Altitude 354 m Area position
A 1 m deep depression with a cold draught out.
Reference: anon., 2006d (summer logbook) Entrance pictures
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```

Underground
Video:
Detailed Surve
Line Survey:
On area surve
On area su
Survex file
2509: dig
2509: dig
Moncobe 30T 4455454796142 (D
Accuracy code: G) Altitude 357 m
Accuracy code
Area position
A 2 m deep depression with a cold draught
out.
Reference: anon., 2006d (summer logbook)
Entrance pictures
Underground picture
ound pic
Detailed Survey
Line Survey
On area survey
Survex file

## 2510: shaft

Moncobe 30T 4456554796148 (Datum: ETRS89 Accuracy code: G) Altitude 358m Area position

An unexplored fenced shaft of about 0.5 m diameter.

Reference: anon., 2006d (summer logbook) Entrance pictures

2511: shaft
Moncobe 30T 4456584796161 (Datum: ETRS89. Accuracy code: M) Altitude 348 m Accuracy cod
Area position

An unexplored shaft 10 m below site 2510 .

```
Reference: anon.,
```

Underground picture
Video :
Detailed Survey
Line Survey
On area survey
On area sur
Survex file

2512: shaft
2512: shaft Moncobe 30T 4459174795970
Accuracy code: G) Altitude 415 m Accuracy co Area positior

An unexplored, narrow-top shaft.
Reference: anon., 2006d (summer logbook) Entrance picture, : yes Entrance picture : ye,
Underground picture
Video :
Detailed Survey
Line Survey
On area surv
Survex file

2513: shaft
Moncobe 30T 445909 4795971 (Datum: ETRS89 Accuracy code: G) Altitude 417 m

A 5 m drop to an aven and a narrow ascending rift that probably chokes.

Reference: anon., 2006d (summer logbook Entrance picture : ye
Underground pictur
Video :
Video:
Detailed Survey
On area survey
On area sur
Survex file
x

2514: shaf
Moncobe 30T 4458684796001 (Datum: ETRS89. Accuracy code: G) Altitude 423 m
Depth 3 m
Aepa positio

An undescended, 3 m deep, fenced shaft. The top is about $2 \times 1 \mathrm{~m}$

Reference: anon., 2006d (summer logbook)
Entrance picture : y
Underground picture
Video
Detailed Survey
Line Survey
On area sur
Survex file
Survex file

2515: cave
Moncobe 30 T 4457334796018 (Datum: ETRS89 Accuracy code: G) Altitude 446 m
MATIENZO UNDERGROUND site descriptions (printed 1902(2024) Volume 4 - page 22

## Length 3 m Area positio

A prominent rock shelter
Reference: anon., 2006d (summer logbook)
Entrance picture:
Underground picture :
Video :
Detailed Survey :
Line Survey :
On area survey :
Survex file :
X
2516: shaft
Moncobe 30T 445702 4796026 (Datum: ETRS89
Accuracy code: G) Altitude 445 m
Area position
An unexplored fenced shaft of about 2 m diameter.

Reference: anon., 2006d (summer logbook) Entrance picture : yes Underground pictur Video: Line Survey : On area surve Survex file :

X
2517: shaft
Moncobe 30T 445513 4795992 (Datum: ETRS89. Accuracy code: G) Altitude 445 m
Depth 3 m Depth 3m

## Area position

A 3 m deep fenced pit with nothing going off.


#### Abstract

Reference: anon., 2006d (summer logbook) Entrance picture : Entrance picture : Underground pictu Undergro Video : Video: Detailed Survey Detailed Sur Line Survey: Survex file :

\section*{2518: resurgence}

Moncobe 30T 4455084795981 (Datum: ETRS89. Accuracy code: A) Altitude 452 m Area position Area position


A resurgence 10 m above site 2517 . There appeared to be a large amount of recently washed out debris in late July 2006..

```
Reference: anon., 2006d (summer logbook)
Reference: anon.,
Entrance picture :
Underg
Detailed Survey 
Line Survey
On area survey :
Survex file :
2519: Huerto Rey, Cueva de Fresnedo 30T 4530024801374 (Datum: ETRS89
``` Fresnedo 30T 4530024801374 (
Accuracy code: G) Altitude 125 m
Accuracy code: G) Altitude
Length 633 m Depth 33 m
Area position : A Google search for this site (Huerto Rey, Cueva de+Fresnedo)

Updated 13th May 2007; 10th, 27th October 2007; 6th January 2011; 19th February, 20th October 2016; 1st July 2018; 20th June 2021

A strongly draughting entrance excavated in 2006 when the explorations in Cueva del Torno (site 2366) were occurring. The Torno (site 2366) were occurring. The
entrance could not be located in dense undergrowth in August 2016.

A low slope leads to the top of a 5.5 m pitch and the landing is on a debris cone bridged over a further 10 m drop. (At Easter 2007, pits around the entrance pitch were investigated and found to choke). To each side of the cone is open passage - to the northwest is a 6 m wide route that requires digging to where it disappears out of sight; in the opposite direction a strong draught through a tight, excavated section leads to further dig which was opened up. There are several unexplored passages on the left in this mainly hands-and-knees crawling section (Whippet's Way) and a passage sets off on the right after some 50 m - Glory Grabber's Gallery. A squeeze past a decorated section enters a slightly larger section with choked inlets. About 80 m after the stal squeeze the route become a walking size (dry) streamway - Wild Cat Alley
size (dry) streamway - Wild Cat Alley.
Pumpkin Chamber is reached on the right (3 Pumpkin Chamber is reached on the ri
\(\times 5 \times 4 \mathrm{~m}\) high). This has various digs \(\times 5 \times 4 \mathrm{~m}\) high). This has various digs
including the continuation of the way in - a very low, draughting bedding plane over very low, draughting bedding plane over
mud and calcite, apparently pushed for mud
20 m .

In Cascade Chamber, a low dig on the right was excavated at Easter 2007 to a 4 m drop that requires tackle. There is possible passage at the base.

Continuing to the southeast in Whippet's
Way, the passage (again with unexplored Way, the passage (again with unexplored
side passages) lowers to a flatout crawl with a very strong draught and slopes down to meet a 12 m pitch. To the northwest Pleb's Passage continues for over 100 m to a pool Passage continues for over 100 m to a pool
and then another 40 m unsurveyed to a low and then another 40 m unsurveyed to a lol draughting duck. This point is lower than 97 m altitude - about level with the sumped resurgence Nacimiento del Campiazo (site 1106) approximately 1 km away. To the southeast from the base of the pitch, the passage is a winding crawl for about 50 m to
the top of a 4.7 m free-climbable pitch. From the top of a 4.7 m free-climbable pitch. From the base, the passage continues through a very tight tube for 3 m which would become impassable with any water. Beyond the route continues in typical "Yorkshire streamway" to a large canal which apparently ends at blank walls. (This was explored in August 2007 when the water level in this area of the cave was a metre up on that seen in the previous year). An inlet has been pushed through a wet bedding and up into the large Dolmen Chamber with dangerous rocks.

In June 2021, the Quebraduras windfarm proposals were published with generator proposals were published with generator
positions, access roads and power line to positions, access roads and power line to
Fuente las Varas. A 10-page Word doc was Fuente las Varas. A 10 -page Word doc
written outlining possible effects to the written outlining possible effects to the
caves. This site (2519) could be affected b caves. This site ( 2519 ) could be affected by
pylon foundations being built over the cave , Index.

Reference: anon., 2006d (summer logbook); Corrin Juan, 2007 (survey and photo); anon., 2007b (Easter logbook); anon., 2007d (summer logbook); Corrin Juan and Smith Peter, 2007; Corrin Juan 2007a; Ruiz Cobo J and Muñoz Fernández E, 2013; anon -2016c (summer logbook) Entrance pictures : Easter 2006 - Photos around the entrance : 2007-Before pushing the canal Distant view of the entrance Underground pictures:
Easter 2006 - general shots : 2007 - Pushing the canal on an airbed. Video : slide show (9Mb) Detailed Survey : pdf file (Easter 2007); pdf file (summer 2007 On area survey
Survex file : stand alone (Amended magnetic declination December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014.)
on Fresnedo-centred area 3d file (Amended magnetic declination December 2013 to align with datum, April 2014.) Passage direction rose diagram: 1/7/2018

X
2520: cave
Secadura 30T 4553314799643 (Datum: ETRS89 Accuracy code: G) Altitude 64m Length 3 m

Updated 27th September 2012
A small triangular entrance above and to the side of an obvious wet weather channel. A 3 m crawl to a narrow neck where the passage appears wider beyond.

\section*{Reference: anon., 2006d (summer logbook} Entrance pictures : yes Video :
Detailed Survey Line Survey :
On area surv On area surv
Survex file :

2521: cave

2522: dig
Fresnedo 30T 4526964800996 (Datum: ETRS89 Accuracy code: G) Altitude 209 n Length 28 m
Area position

Updated 24th September 2018; 17 th
September 2019; 20th September 2022 September 2019; 20th
23rd September 2023

A draughting dig just above the
\(\qquad\)
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Streambed that runs down above the far enc of Rampant Rabbit passage in Cueva del spent digging this in August 2018 with friendly interest shown by the farmer. The draught strengthened as holes were opened draught strengthened as holes were open
up and the site was left some 4 m deep to up and the site was left some 4 m deep to
open holes. It seemed very likely that one open holes. It seemed very likely that one
or two more days digging will connect this or two more days diggin
hole to Cueva del Torno.

Five digging sessions occurred in the Five digging sessions occurred in the
summer 2019 with the final couple of days concentrating on digging a trench in mixed sediments under a large-span bedding plane oof, with a wall seen about 7 m in the distance. The trench eventually rose up to a dry stream bed (flowing left to right. Upstream" was not investigated although it appeared low and choked; crawling to the right, after 3 or 4 m , entered a chamber, about standing height, where the sediments had collapsed or been washed away. No strong draught was felt and there seemed to be no encouraging way on, although a very low route on sediment under the bedding roof goes off into the distance

The dig in the entrance shaft encountered a draughting hole in the wall topped with loose fill in a rift. Some time excavating this may provide a better result. A visit in 2022 confirmed this opinion and work continued here, at the base of the ladder, until the site required shoring.
```

Reference: anon., 2006d (summer logbook); anon,
logbook); anon., 2022c (summer logbook); anon.,
: 2018 : 2019 : 2019 IR
hrance pictures : 2006 : 2018 : 2019 : 2019 IR
Underground pictures : in the dig 2018:2019
breakthrough
Video : fire salamander, 2019 : Investigating
bedding plane before excavation,
Line Survey
Line Survey:
Survea survey : 2018: 2019:On the Fresnedo area
Survex file : 2018

```
x
2523: Pig Nut Pot
Fresnedo 30T 4526904801148 (Datum: ETRS89.
Accuracy code: G) Altitude 215 m
Length 102 m Depth 8 m
Area position
Updated 10th October 2007; 18th Decembe
2008; 24th September 2018

Some time was spent excavating this site as it was thought it could be an alternative entrance into Cueva del Torno and an easier route to removing the human skull in that cave.
From the base of the sloping 6 m entrance pitch (with a tightish top), passage heads in 2 directions. Uphill to the southwest leads to a mud choke and bear scratchings. Various a mud choke and bear scratchings. Various of the pitch chamber in 2007. of the pitch chamber in 2007 .
In the opposite direction, the passage In the opposite direction, the passage
swings to the northwest with bones ( 1 femu swings to the northwest with bones ( 1 fem was identified as bear and not human), a
fine false floor and ends at a stal choke about 5 m below the surface
about 5 m below the surface. The cave has been filled with sediment and the nice phreatic shape can be seen in some
of the photos. of the photos

The grid reference was confirmed in 2018 and the site was found with a substantial cover.
```

Reference: anon., 2006d (summer logbook); Corrin}\mathrm{ (unan, 2007; anon., 2007d (summer logbook); Corrin
Juan, 2007; anon., 2007d (summer logbook); Cor
Jaan,.207a; Smith P, Corrin J \&
Entrance pictures
covered up, 2018
Underground pictures : from summer 2006
Video : Bear bone and passage (18Mb)
Video:Bear bone and pass
Line Survey
On area survey
Survex file : yes (Amended magnetic declination
December 2013 to align with Eur79 grid and
coordinates altered to fit ETRS89 datum, April 2014.)

```
2524: depression
Fresnedo 30T 4530184801075 approximate
(Datum: ETRS89. Accuracy code: G) Altitude 167 m
Area position

A rubbish-filled shakehole
Reference: anon., 2006d (summer logbook) Entrance pictures : yes
Underground pictures Video: Video : Line Survey: On area surve Survex file :

Accuracy code: G) Altitude 148 m
Area position ea position

A "big shakehole". This has apparently been looked at with no going cave in it

Reference: anon., 2006d (summer logbook)
Reference: anon., 2006 d
Entrance pictures : yes
Underground pictures : Video :
Detailed Survey : Line Survey On area surve Survex file

2526: shaft
Llueva 30T 4543484797109 (Datum: ETRS89 Llueva 30T 4543484797109 (Dat
Accuracy code: G) Altitude 474 m Accuracy code: G) Altit
Length 3 m Depth 3 m Length \(3 m\) D
Area position

A small 3 m shaft with a slight draught.
Reference: anon., 2006d (summer logbook) Entrance pictures : yes Video :
Detailed Survey
Line Survey
On area surv
Survex file
,
2527: shaft
Muela 30T 454137 4796450 (Datum: ETRS89 Accuracy code: G) Altitude 686 m
Length 2 m Depth 2 m
Area position
A small 2 m shaft.
Reference: anon., 2006d (summer logbook) Entrance pictures


Video:
Detailed Survey
On area sur
Survex file

\section*{2528: cave}

Muela 30T 454180 4796386 (Datum: ETRS89. Accuracy code: G) Altitude 715 m

A walk-in entrance to a climb down over a 20 degree boulder slope. A fossil passage with 2 small ways on but no draught.

Reference: anon., 2006d (summer logbook) Entrance pictures : yes
the top of a 12 m pitch. The first has a too
narrow connection throuah to the second The latter has a 6 inch wide slot in calcite that may dig. This site was inspected at the entrance in October 2018 but bad weather forced a retreat.

Reference: anon., 2006d (summer logbook); anon. 2018d (autumn logbook) Entrance pictures: yes
Underground pictures: yes Videos: (Juan Corrin) scenery at the entrance Phil Papard descending 122
Detailed Survey: sketch from log book Detailed Surve
Line Survey : On area survey Survex file

X
2532: dig Moncobe 30T 4456174795922 (Datum: ETRS89 Accuracy code: G) Altitude 500 m Accearacy position

A small hole with a bag. Stones roll underneath.

Reference: anon., 2006d (summer logbook) Entrance pictures : ye Video :
```

Detaile

``` Line Survey : On area surv Survex file

\section*{X}

\section*{2533: shaft}

Moncobe 30T 4457384795913 (Datum: ETRS89 Accuracy code: G) Altitude 485 m Area position

An undescended fenced \(2 \times 1 \mathrm{~m}\) shaft with an uncertain depth.

Reference: anon., 2006d (summer logbook) Entrance pictures : yes Underground pictures : Video :
```

Detailed Surve

```
Line Survey
On area surve
Survex file :
Survex file :
x
2534: shaft
Moncobe 30T 4457394795886 (Datum: ETRS89
Accuracy code: G) Altitude 491m
Depth 6m
Area position

A 6 m deep shaft with a single thick post over it.
```

Reference: anon., 2006d (summer logbook)
Reference: anon., 2006
UN
Video : An Vanderplank in the entrance
Detailed Surve
Line Survey
On area survey :
Survex file :
X
2535: cave
2535: Cave
Moncobe 30T 445832 4795983 (Dat
Length 3m Depth 3m
Area position
A climb down to a choke in an area of
limestone blocks
Reference: anon., 2006d (summer logbook) Entrance pictures: yes
Underg
Detailed Survey :
Detailed Sury Line Survey:
On area survey:
Survex file :
x
2536: cave Moncobe 30T 445966 4796449 (Datum: ETRS89 Accuracy code: G) Altitude 248 m Accuracy code: G) Altitı
Length 50 m Depth 8 m Area position
Updated 27th April 2012; 18th October 2015

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An open, draughting cave in a small cliff face. One tube at the entrance is 10 m long and offers some climbing but the main route is at lower level past excavated sections to 4 m pitch into a chamber with fridge-sized boulders. In September 2015, visitors were unable to find a safe belay for the p4 and so were unable to check the final choke.

Reference: anon., 2006d (summer logbook); anon 2012b (Easter logbook); anon., 2015d (autumn logbook)
Entrance picture : yes Underground pictures : summer 2006 : Just inside he entrance, Easter 2012.

\section*{ideo}

Detailed Survey :
Line Survey
On area survey : Survex file :
MATIENZO UNDERGROUND - site descriptions (printed 19021202

\section*{2537: cave}
"A tall opening that goes in \(3 m\) to a right then left turn to a slot in the floor with a boulder stopping the way on. There is a good draught. " [Original description]

With the encouraging draught, the boulder was removed and the slot enlarged in November 2011 opening the way into the only known system under this Moncobe hillside. Note that parking is very limited so try to coordinate vehicles.
A day-by-day account of the early explorations can be seen here. Up to November 2012, walks over the hillside above have failed to locate any other significant holes.

Following a previously noticed cold
draught descending the cliff face above the entrance, a traverse to the left in November 2015 gained access to a shaft (site 4274) about 25 m above. This emerges in a rift 6 m to the left of El Cubillón

Ropes and hangers + maillons were replaced on 13th April 2023. Further work is required to reduce rub points.

The cave entrance lies in a depression at the bottom of a prominent limestone buttress. A walk into the high entrance rift soon rounds a bend and leads to a very short crawl to a tight descending rift which has been enlarged to give two possible ways down. A short ladder is useful at the top The 5 m rift opens into a small but high The 5 m rift opens into a small but high chamber with a draughting eyehole at the far end. The floor below the eyehole he mive a \(2-3 \mathrm{~m}\) shaft ending in a narrow slot. A slanting squeeze down leads to the top of a pitch
Alternatively a squeeze over the top leads to chamber and a tight connection to the pitch head from the other side. The first part of the pitch is another slanting squeeze to roomier territory. (At Easter 2014, tight sections were removed to allow easier access for a diver working alone. In October 2016, the first awkward take-off was enlarged
From here, the 19 m pitch gradually opens out into a roomy aven. The way on is up an easy 1.5 m climb into a short tight passage ending in an impressive calcite aven. Leaving the passage involves a slightl awkward squeeze up and over a large flowstone boss to a 5 m descent onto the floor of the aven. To the right an inlet needs floor of the aven. To the right an inlet I
further investigation. To the left a tall further investigation. To the left a tall opening reveals that the floor is really a step in a larger aven. The next 19 m pitch has step about 8m down from where a ledge gives access to another way on. This ha been climbed to a calcite choke possibly related to a tight inlet seen on the opposite side of the aven from the calcite boss. (In November 2012, at the start of the second rope pitch the gap between the calcite boss and the wall was widened but needs more work.) At the bottom a short high walking passage leads into an impressive breakdown chamber. (In October 2016, the aven just prior to the "p8" was bolted but safe progress stopped about 10 m up due to boulders.)

Any water from the pitch appears to stick tightly to the right hand wall and descend
into an obvious stream passage. Climbing over boulders leads across the chamber to an ascending loose rubble heap leading to possible (very loose) ways on with a large aven above. The whole area appears to take a lot of water in wet weather. Down the side of the rubble heap there are large clean-washed boulders with a hole down hrough which drops some 5-8m looks like a clean-washed floor.

An easy climb down enters the
aforementioned stream passage. After about 50 m of easy walking the floor parts to reveal a lower level giving a 5 m descent. On a 90 degree left hand bend a little way downstream from the 5 m pitch, a crawl up an inlet for 30 m reaches a high aven. This
aven has been free climbed for around 30 m aven has been free climbed for around 30 m Unfortunately nothing of interest could be found.

From the 5 m pitch, an impressively wide and high walking passage continues around several bends with some possible leads until the water course enters a low crawl over cobbles. This continues for some distance until becoming quite tight but still pushable on the left of the rift, there appears to be a on the left of the rift, there appears to be a larger passage emerging. (This low cra
not yet surveyed). Before the crawl a not yet surveyed). Before the crawl a
slightly uphill walk to the left over mud banks leads after a couple of high chambers to an arch with an incredibly slippery floor of flowstone by a prominent stalactite (beware
!!) and on into further easy walking. After !!) and on into further easy walking. After about 50 m the passage opens dramatically into an impressive, large, bare chamber with a single giant stalactite descending from the roof - Damocles Chamber. The passage now leads. At one point a jumble of boulders covered in decaying calcite with little visible means of support has to be climbed over. Eventually the passage divides at a kn deep pool, Watery Junction, but both branches remaining equally large and high. (A calcite slope between Watery Junction and the start of the stream passage was climbed in November 2012. A pretty grotto was reached but no access was gained to a possible roof tube above. This will need bolting up outside.)

Hillary Steps were explored in August 2023. A slippery climb up enters a couple of wellcompletely choked with calcite.

To the right the passage maintains its character. The floor now consists of totally character. The floor now consists of totall
horizontal soft calcite with thin rivulets. After about 100 m the passage rises, After about 100 m the passage rises,
becomes smaller and leads to a large becomes smaller and leads to a large
chamber with ways on (not surveyed). To chamber with ways on (not surveyed)
the left a slot around flowstone leads surprisingly into a classic active stream-way - narrow at water level but wider above. From the mud on roof stal it is clear that this passage has sumped at some time in the past. The running water does not equate 100 m a significant inlet on the right leads to junction at 25 m ; right soon gets smaller ut with room for further exploration. left, the passage gets bigger and leads to a fairly steep slope passing a descending passage that probably connects back to the streamway.

At the top of the mud slope is an important junction. Various routes on have been pushed for only a few metres but all continue. (This inlet has yet to be surveyed). About 150 m after entering the stream passage there is a short climb down which leads after a further \(10-15 \mathrm{~m}\) to a pitch head, explored at the end of November 2011. A traverse out onto a rock arch permits a free hang of about 30 m down into a deep lake - Tilberthwaite Tarn. (This has previously been called Stickle Tarn.) Below water level the passage can be seen to continue in larger proportions but, when it was dived on \(21 / 8 / 2022\), it was found that the water sinks through mud and gravel with no way on. Across the top of the pitch there appears to be an inlet. (The survey ends just before the climb-down.)

Back at Watery Junction the left hand branch requires a wade through the pool and a climb over muddy boulders. (Try to avoid the fine mud trumpets!). Almost immediately an impressive aven soars up into the darkness. This has been climbed to around 40 m following what appears to be the main way. The very top is about 10 m above the final stance, but soft calcite stopped progress. It looks very unpromising at the top with no draught. From a good stance at 20 m a bolt traverse could be
climbed over to another continuation of the MATIENZO UNDERGROUND - site descriptions (printed 1900212024
aven, up a steep flowstone cascade. passage (with leads and noticeable draught in November 2012) becomes a crawl to a small chamber and pool, Bassenthwaite Water. A passage with low air space can be seen continuing for some 15 m . This was dived in August 2019 and 2022. See below.

\section*{[Above description by Phil Goodwin and Martin} Barnicott]

Over Easter, 2012, a number of trips explored "side" passages and climbed avens, but the hoped-for high level remains elusive. Batches 12-01-12-06 were surveyed, adding 823 m to the length to give a total of 1584 m length. The centre lines for these batches can be seen on the Survex these batches can be seen on the Survex centre line. Descriptions of these batches should be integrated into the above description in due course. The top of the second pitch was also opened up. There were no pushing trips over the summer, 2012.

At Easter, 2013, an aven was climbed (where?) and a bolt climb over the sump at Lake Tilberthwaite was climbed. From the start of the sump is an 8 m bolt route up, then 4 m of passage to a 2 nd bolt climb of 4 m , followed by 6 m of rift passage then 4 m of bolting along a traverse ending in a 6 m pitch with a draughtless mud choke. The whole area is coated in very thick clinging whole area is coated in very thick clinging
mud. A 181m extension was also made in the west of the cave (junction name?) and the west of the cave (junction name?) ar
this is shown on the centre line as batch 2538-13-02. A complete survey may appear in due course

In the summer, 2013, at the same junction, Snail Aven was climbed and surveyed to where it pinched in. (Batch 13. From the same area, a route through a boulder was pushed to a climb up a waterfall (Batch 13-04). At the top there is a continuing upstream passage which is unsurveyed. The sump was inspected for a possible dive. Bolting was also started at the furthest south mud staircase with 5 m of progress until the drill packed up

At Easter, 2014 the sump at Tilberthwaite was dived by Jim Lister who found it to be a metre deep with knee-deep mud and a non starter. Across from the bottom of the pitch to the sump is a tight rift followed for 30 m where it widened to 1 m with deep water below. This was dived to a depth of 5 m with the rift getting wider below. A return trip is planned.
The rift continues for another 30 m to an inpenetrable inlet with with a small stream running in.
Bat Aven was climbed, ending in small rifts.
In November 2014, it was reported by Phil Goodwin that the end of "higher South Passage" was visited, "to aven bolted at Easter". The downward rift at the top is "too tight for most people" but "a determined thinny might get through". Rocks drop a considerable distance. "Slightly higher than the top, a large space can be seen through a 130 mm calcite eye-hole - needs capping.' At Easter 2016, stal was removed to reveal a substantial chamber beyond and snappers were used to open up the hole. On the second trip more work was needed, again using snappers. The exercise was repeated in October 2016
Just above the bolt 8 m up from the bottom of the aven, an opening on the left (looking up) descends through flowstone to a grottc At that time, a collapse down an aven just before the last pitch in the entrance series appearing to be surface-related. The collapse, site 4094.

In September 2015, more surface debris was noted. "Boulders have fallen down and silt is in danger of blocking the route through." The mud staircase needs step cutting.

At Easter 2016, on the way out after snappering, the two-man team encountered flood conditions at the bottom pitch with the SRT rope in the main water. Eventually it was possible to fix the line at the base and to climb up the angled rope, with difficulty, but out of the water. It was then found possible to move a boulder just before the pitch edge to give the second caver a drier climb.

At Easter 2017, the rope on the seconc pitch was replaced and the rub-poin removed. A water trace with optical brightening agent was also carried out. The OBA was placed in the stream near the Tilberthwaite sump, 23rd April 2017. A

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reasonable amount of rain fell which broke
the very dry spell and OBA was detected at the very dry spell and OBA was detected
Fuente Aguanaz after 6 to 8 days. More details are shown here.

In August 2019, Jim Lister and Mark Smith dived Bassenthwaite Water at the end of First South Passage on 22nd, 23rd and 25tr August. The sump is about 30 m long with airspace over most of it. Footprints wer noticed halfway along, confirming that earlier explorers had dropped in from above A large, muddy stream passage leads off fo about 100 m with lots of necky climbs up muddy ramps. One pitch found which dropped into "many metres of streamway". The whole extension was surveyed as batch 19-01, with a length of 529 m . The finds are mainly heading south including a stream way going upstream. Downstream will need digging of the gravel fill but there is no draught. (More complete description, Jim? after the survey is published?) See also August 2022, below. Note from Simon Cornhill: I'm guessing that the very start of 2019 data is at the other water level (2538-19-01 0) and they did (estimated?) leg of 6 m back through the (estimated?) leg of 6 m back through the 19-01.a. However, this station is tied into 19-01.a. However, this station is tied in
the main centreline at the end of Dave the main centreline at the end of Dave
Milner's survey (2538-13-01), where it look Milner's survey (2538-13-01), where it look
like he was 6 m above the duck. So it looks like he was 6 m above the duck. So, it looks like the relative elevation and position
new 2019 stuff could be somewhat inaccurate.

Further work over 7 trips through Bassenthwaite Water were carried out by Jim Lister and Mark Smith in August 2022 The downstream was dug out and capped and eventually, through a crawl ( 52 m long) a 20 m pitch was reached. At the base there is a sump pool and, over 3 dives, no way was found (with very poor or no vis) in The survey batch 22-01 reaches the head of the p20. Logbook sketch here. Jim Lister wrote, "Mark tried to duck under roof but found it to be a vertical shaft going straight down. Team had rest day to let water clear which it did not. Jim dived to \(-16 m\); passages leading off closed down but passages leading off closed down but interesting vertical rift going up in roof! Jim dived day after. Sadly it closed down just
below what felt like surface, the sump will below what felt like surface, the sump will
go but we have missed something!!!! Need go but we have missed somethi
some visibility to find way on!" some visibility to find way on!"
The plan for future trips is, "Tak The plan for future trips is, "Take dive kit down on day one of expedition including bagged up wetsuits. Return a week later
take muddy cave kit off before streamway, take muddy cave
kit up and dive."
A survey error was also noted: The vertical "Pitch 7" (pitch top @ 2538-19-01.cub_2.8; pitch bottom @ 2538-19-
01.cub_3_bottom_of_shaft.I) are 36 m horizontally separated and the pitch top is 16 m below the base! The error can be seen in the Survex file and is shown on this survey piece.
Simon Cornhill has spent some time looking at and correcting anomolies. The results are shown in the Easter 2023 Survex and Detailed Survey below.

April 2023: A trench was dug at the far side of Bassenthwaite to lower the water. "The sump now has airspace above it." The
sandbags filled with sand and gravel were sandbags filled with sand and gravel were also placed in the downstream "continues
low gravel floor" creating a dam to hopefull prevent more sediments washing in. Refering to the 2019 survey, (where there are more names than in the description above)
Part way up Mud Stairway, a passage to the north was surveyed as batch 23-01, a "lovely" mud-filled passage which splits into two with both routes soon ending. (Length 39.8 m )

The centre line with no passage detail - to the west of Second North West Passage was resurveyed with detail as batches 2302 and 23-05.
Batch 23-03 is an inlet that goes off the second p19, about one third of the way second p19, about one third of the way rocks. There may be a tight way up. (new rocks.
22 m ). Batch 23-04 is a short length of passage (off the re-surveyed 23-02 / 23-05) to a too-tight rift.
Full details of these 5 batches will appear in the 2023 Easter update to the survey.

August 2023: Two trips in August 2023 explored down a 15 m pitch ("Snatchy") off station 2538-12-03.6.19. This enters an aven with "lots of small streams entering". A p5 drops into a strongly-flowing streamway there is possibly a clamber up which may bypass it. (1) Upstream started small but bypass it. (1) enstream started small but
entered large passage (stn 0 ) ending at a
MATIENZO UNDERGROUND - site descriptions (printed 19/02/2024
sump \({ }^{(2)}\) and, to one side, an inlet passage that ended at an aven (stn 14). the combined tactics climb from the base of the p5 enters a series of muddy chambe There was a piece of red and white tap the floor but no footprints, so the tape could have fallen from above. After 20-30m, the have fallen from above. After \(20-30 \mathrm{~m}\), the slope reaches the head of a tight rift p40(?) with the sound of a roaring stream belo
(2) The sump was investigated by Mark (2) The sump was investigated by Mark Smith and starts as a duck for about 15 m The passage turns a corner and properly
sumps but with no belay points for a dive line.
(Although some of this extension has been surveyed, it has not been tied back to a known survey station due to equipment failure.) [Info from Alex Ritchie]

Sketch of extension (p45 logbook)

All the survey pieces were brought togethel in a drawn-up survey by Diane Arthurs and Simon Cornhill in July 2016 and updated after the August 2019 discoveries. Note that the p30 down to Tilberthwaite is not labelled the p30 down to Tilberthwaite is not label on the current survey and that there is
major error at "Pitch 7". (See above.)

Link to entry in the Cave Diving Sump Index.

Reference: anon., 2006d (summer logbook); anon. 2011e (autumn logbook); anon., 2011f (Christmas
logbook); anon., 2012b (Easter logbook); anon., logbook); anon., 2012b (Easter logbook); anon
2012e (autumn logbook); Corrin Juan, 2013a; 2012e (autumn logbook); Corrin Juan, 2013a
anon., 2013 b (Easter logbook); anon., 2013d (summer logbook); anon., 2014b (Easter logbook); anon., 2014d (autumn logbook); Papard Philip,
Corrin Juan and Smith Peter, 2014; anon., 2015 d (autumn logbook); anon., 2016b (Easter logbook)
(aynd anon., 2016d (autumn logbook); anon., 2017
ander log (Easter logbook); anon., 2019d (summer logbo
anon., 2019e (autumn logbook)anon., 2021a anon., 2019e (autumn logbook) anon., 2021a
(January, February logbook); anon., 2022c (summer (January, February logbook); anon., 2022c (summer 2023 C (summer logb


\section*{Depth 4m
Area posit}
\[
\text { A } 4 m \text { deep shaft that needs opening up at }
\] the top. It appears to widen about 0.5 m down.
```

Reference: anon., 2006d (summer logbook)

```
Reference: anon., 2006
Entrance pictures:
Underground pictures
Under :
Detailed Surve
Line Survey :
Line Survey
On area survey
Survex file :
x
2541: shaft
S Vega 30T 452315 4794628 (Datum: ETRS89
S Vega 30T 4523154794628 (Dat
Accuracy code: G) Altitude 510 m
Accuracy code: G) Altitu
Length 25 m Depth 22 m
Length 25 m
Area position
Updated 17th April 2008
A straight 22 m pitch drops to a choked rift.
Reference: anon., 2006d (summer logbook); anon.
Reference: anon., 2006
2008c (Easter logbook)
2008c (Easter logbook)
Entrance pictures : yes
Entrance pictures : yes
Underground pictures : yes
Video : (Juan Corrin) scenery then rock
Video : (Juan Corrin) scenery then rock
down scenery and descent preparations
Dan Hibberts descending draughting choke Dan
Hibberts ascending
Dan Hibberts desce
Hibberts ascending
Detailed Surve
Line Survey
On area sur
Survex file
x
2542: shaft
Moncobe 30T 4452764795646 (Datum: ETRS89.
Mccuracy code: G) Altitude 505 m
Length 20 m Depth 10 m
Lect
Area position

A 10 m diameter shaft drops 10 m to a bouldery, sandstone floor with no way on. The hole appears to have formed on a strong joint.

Reference: anon., 2006d (summer logbook) Reference: anon., 2006d
Entrance pictures : yes Entrance pictures : yes
Underground pictures : yes

\section*{Video:}
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Detailed S
Line Survey :

```
On area survey :
Survex file :
X

2543: shaft
Fresnedo 30T 4522414801408 (Datum: ETRS89. Fresnedo 30T 4522414801408 (Da
Accuracy code: G) Altitude 250 m Accuracy code: G) Altitud
Length 16 m Depth 14 m Area position

A 14 m shaft is choked with boulders at the base. No draught.

Reference: anon., 2006d (summer logbook) Entrance pictures : yes
Underground pictures : Underground pictures : Video : Detailed Survey : Line Survey On area surve Survex file :
x
2544: hole
Fresnedo 30T 452127 4801421 (Datum: ETRS89. Accuracy code: G) Altitude 235 m Area position

Updated 14th May 2011
An undescended, draughtless hole at the base of a cliff. Nothing was found at this position at Easter 2011, but see site 3513.

Reference: anon., 2006d (summer logbook); anon. 2011b (Easter logbook) Entrance pictures : Underground pictures Video:
Detailed Survey Line Survey Survex file :
x
2545: dig
Moncobe 30T 4457824795877 (Datum: ETRS89. Accuracy code: G) Altitude 475 m
Area position
Area position
Updated 16th January 2018
An easy dig in an open joint in a cliff line where rocks roll away for a few seconds. This was opened up in October 2017 to where it is possible to see down a narrow rift about 4 m to an enlargement. In October 2018, it was thought that the hole "may repay attention"

Reference: anon., 2006d (summer logbook); anon Reference: anon., 2006d (summer logbook); anon
2017d (autumn logbook); anon., 2018d (autumn MATIENZO UNDERGROUND - site descriptions (printed 19002/2024
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\section*{Underground picture}
Video
Detailed Survey
Line Survey
On area sur
Survex file :
2546: dig
S Vega 30T 4500784793941 (Datum: ETRS89
Accuracy code: M) Altitude 608 m
Accuracy co
Depth 3m
Area positior
A 3m climb down into a rocky pit. A hole
down on the left draughts and requires
digging.
Reference: anon., 2006d (summer logbook)
Reference: anon.,
Entrance pictures
Entrance pictures:
Underground pictures
Video :
Detailed Survey
Line Survey
On area survey
Survex file
2547: shaft
S Vega 30T 4532484794186 (Datum: ETRS89
S Vega 30T 4532484794186 (Dat
Accuracy code: G) Altitude 420 m
Accuracy code: G) Altitu
Length 15 m Depth 5 m
Length 15 m [
Area position
There is no way on in a 5.3 m deep shaft in a
rift. 2 m long passage to NE and 6 m to the
rift. 2 m long passage to NE and 6 m to th
0.5 m wide and about 5 m
high.
Reference: anon., 2006d (summer logbook)
Entrance pictures: yes
Underground pictures : yes
Video :
Detailed Survey :
Line Survey
On area survey
Survex file

A slope of 5.5 m drops to the base of a rock face next to a big ash tree. A rift between blocks needs digging. There is some draught and it looks a good site. This could possibly be site 604

Reference: anon., 2006d (summer logbook) Entrance pictures : yes Underground pictures
Video:
Detailed Survey
Line Survey :
On area survey
Survex file

2549: shaf

A 2 m diameter climb down to a choked 11 m pitch.

Reference: anon., 2006d (summer logbook); anon., Reference: anon., 20
2007b (Easter logbook 2007b (Easter logbool Entrance pictures : yes
Underground pictures :
Video :
Detailed Survey
Detailed Su
Line Survey
On area survey
Survex file

2550: shaf

In August 2006, the hole was described as "a \(2 \mathrm{~m} \times 0.5 \mathrm{~m}\) overgrown slot which is about 2 m deep with unexplored passage at the 2 m deep with unexplored passage at the base". In April 2022 the description from the
logbook reads, "A slot with solid sides goes logbook reads, "A slot with solid sides
down 2 m to a boulder floor. Solid side down \(2 m\) to a boulder floor. Solid side
continues down on north side (undercut) but continues down on north side (undercut) but full of rock. Could be removed and passed out of hole. No draught, cow bones, whole skull with antlers."

Reference: anon., 2006d (summer logbook); anon.
Reference: anon.,
2022b (Easter logbook

\section*{\(\frac{2551: ~ h o l e ~}{\text { suega } 3074525}\)}

S Vega 30T 452666 4794315 (Datum: ETRS89. Accuracy code: G) Altitude 487 m
Area position Area position
Updated 15th May 2019
A small, unexplored entrance which, according to Madrid cavers on November 11th 2018, was impenetrable.

Reference: anon., 2006d (summer logbook); anon
2019b (Easter logbook) Entrance pictures Underground pictures
```

Video :

```
Detailed Survey
Detailed Surv
On Survey:
Survex file :
X
2552: dig
Sega 30T 4527314794466 (Datum: ETRS89.
Accuracy code: G) Altitude 444 m
An
Area position

Updated 13th May 2007; 15th May 2019
A dig with a good draught that has probably been filled in by the farmer. The site needs capping.
According to Madrid cavers on November 11th, 2018, there was no continuation seen.

Reference: anon., 2006d (summer logbook); anon Reference: anon., 2006d (summer logbook);
2007b (Easter logbook); anon., 2019b (Easter logbook)
Entrance pictures : yes
Underground pictures :
Entrance pictures : yes
Underground pictures
Undergro
Video:
Detailed Survey
Detailed Sury
Line Survey
Line Survey:
Survex file
X

2553: hole
S Vega 30T 452762 4794452 (Datum: ETRS89 Accuracy code: G) Altitude 439 m Accuracy cc
Depth 2 m
Area position
Updated 13th May 2007
A fence surrounds a 2 m deep rift with a choked floor.

Reference: anon., 2006d (summer logbook); anon. 2007b (Easter logbook)
Entrance pictures : ye Entrance pictures: yes
Underground pictures
Detailed Survey
Detailed Surve
Line Survey :
On area surve
Survex file :
x
2554: shaft
SVE9a 30T 452678 4794301 (Datum: ETRS89.
Accuracy code: G) Altitude 481 m
Length 20 m Depth 12 m
Area position
Updated 13th May 2007

A \(2 \times 1 \mathrm{~m}, 9 \mathrm{~m}\) deep shaft drops to an 8 m crawl which ends in a choke. Two metres into the crawl is a hole in the floor that drops into a small chamber.
```

Reference: anon., 2006d (summer logbook); anon.
2007b (Easter logbook)

```
Entrance pictures: yes
Underground pictures
Video :
Detailed Survey
Line Survey :
On area survey :
Survex file :
x
2555: shaft
Ozana 30T 453461 4794214 (Datum: ETRS89.
Accuracy code: G) Altitude 370 m
Area position

A small, undescended shaft with no draught.
```

Reference: anon., 2006d (summer logbook)
Entrance pictures : yes
Underground pictures
Video:
Detailed Survey
Line Survey:
Survex file :
X
2556: shaft
Ozana 30T 453416 4794162 (Datum: ETRS89
Accuracy code: G) Altitude 398m

```
Depth 3m
Area position

Updated 7th May 2009
A 3 m pitch which is too tight.
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Reference: anon., 2006d (summer logbook); anon.,
2009a (Easter logbook) Entrance pictures Underground pictures: Video :
 Detailed Sur Line Survey On area sur :
Survex file :

X
2557: shaft
Ozana 30T 4533274794194 (Datum: ETRS89. Accuracy code: G) Altitude 405 m

\section*{Accuracy code
Area position}

A small, undescended shaft
```

Reference: anon., 2006d (summer logbook)

```
Reference: anon.,
Entrance pictures : yes
Underground pictures
Underground pictures
Video
Detailed Survey
Line Survey :
On area survey
Survex file
2558: cave
S Vega 30T 4531614794146 (Datum: ETRS89
Accuracy code: G) Altitude 442 m
Accuracy 00
Length 6 m
Area positio
Updated 4th October 2008

A cave at the base of a cliff, behind trees in a collapse area. The cave is probably a slip feature and the rock above the entrance is loose. There was a good draught in the summer of 2008

Reference: anon., 2006d (summer logbook); anon. 2008e (summer logbook) Entrance pictures : yes Video :
Detailed Surve
Line Survey:
On area surv
```

Survex file

```

2559: shaft
S Vega 30T 4531414794143 (Datum: ETRS89 Accuracy code: G) Altitude 445 m
Length 10 m
Area positior
This site is about 20 m W of site 2558. A 4 m slope leads to a 6 m pitch which is 1 m diameter at the base and choked.

Reference: anon., 2006d (summer logbook)
Entrance pictures: yes Entrance pictures: yes Underground picture
Video
Detailed Survey
Line Survey.
On area sur Survex file

2560: shaf
S Vega 30T 4522674794099 (Datum: ETRS89 Accuracy code: G) Altitude 583m
```

Depth 4m

```

An undescended 4 m shaft with an undercut. The site is marked with a tag labelled LBT126.

Reference: anon., 2006d (summer logbook) Entrance pictures : yes

A small hole between large blocks that enters an undescended 3 m pitch.

Reference: anon., 2006d (summer logbook) Reference: anon., 2006d
Entrance pictures : yes
Underground picture : Underground picture : Video: Detailed Surve
Line Survey: Line Survey On area sury
Survex file :

X
2563: cave
Ozana 30T 4534444794301 (Datum: ETRS89 Ozana 30T 4534444794301 (Datu
Accuracy code: G) Altitude 332 m Accuracy code: G) Altitude
Length 104 m Depth 15 m Area position

An entrance at a sink. It was thought that this cave must join with site 574 and was originally numbered as such. The cave is a originally numbered as such. The cave is a
small streamway on sandstone that ends at a possible dig. Site 574 should be pushed and surveyed.

Reference: anon., 2006d (summer logbook); Corrin Juan, 2007
Entrance pictures : yes
Underground picture
Detailed Survey : pdf file Letailed Surv: On area survey
On area survey :
Survex file : yes (Amended magnetic declination December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014. . x
2564: shaft
S Vega 30T 4501984794211 (Datum: ETRS89 S Vega 30T 4501984794211 (Dat
Accuracy code: M) Altitude 532 m Accuracy code: M) Altitud
Length 11 m Depth 11 m Length 11 m
Area position

\section*{Updated 18th May 2023}

A \(1 \mathrm{~m} \times 0.5 \mathrm{~m}\) shaft covered by rocks. The shaft is 11 m deep with a possible way on through stal. The site couldn't be found in April 2023 despite an extensive, 90 minute search.

Reference: anon., 2006d (summer logbook); anon. Reference: anon., 2006
2023 b (Easter logbook)
Entrance pictures : Entrance pictures Underground picture : Video: Line Survey : On area survey Survex file :
x

\section*{ \\ 2565: cave}

Camposdelante 30 T 4467864799029 (Datum:
ETRS89. Accuracy code: G) Altitude 205 m ETRS89. Accuracy code: G) Altitude 205m Area position

A rock shelter with no draught
Reference: anon., 2006d (summer logbook) Entrance pictures Underground picture Video :
Detailed Survey : Line Survey On area sur
Survex file :
x
2566: sink
Cobadal 30T 4480094799020 (Datum: ETRS89 Accuracy code: G) Altitude 200 m Length 10 m Depth 6 m Area position

Updated 20th September 2014
A sink at the bottom of a shakehole with a body-sized entrance. A 4 m descent ends in a stand-up chamber. A climb over boulders for 4 m reaches surface run-ins all round. At the base of the climb, a descent of 2 m ends at a tight, right hand bend.

Reference: anon., 2006d (summer logbook); anon. 2014c (summer logbook) Entrance pictures: yes
```

Video :

```
```

etailed
Line Survey :

```
On area surve
On area sur

2567: sink Cobadal 30T 4488324799077 (Datum: ETRS89 Accuracy code: G) Altitude 343 m Area position

Two sink holes by the road fork on the ridge top.

Reference: anon., 2006d (summer logbook) Entrance pictures
```

Video:

```
```

Video:

```
Video :
Detailed Survey

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on area survey
Survex file:
Survex file

\section*{2568: cave}

Cobadal 30T 446462 4799240 (Datum: ETRS89 Accuracy code: G) Altitude 183 m Area position

A rock shelter.
Reference: anon., 2006d (summer logbook) Entrance pictures Underground picture Video :
Detailed Survey Line Surve Survex file
base of the pitch under the chamber is a small rift to a further drop of a few meters at most - this needs capping to get in. It seems big enough beyond although it is impossible to see clearly until it is capped!

Reference: anon., 2006d (summer logbook); anon. 2006e (autumn logbook); Corrin Juan, 2007; anon. 2006e (autumn logbook); Corrin Juan, 2007
2007c (Whit lotgbook); Corrin Juan, \(2007 a\) Entrance pictures : yes Underground pictures:1: partial exploration 2 : Explorations, Whit 2007 Video:
Detailed Survey : 1:500 pdf Line Survey
Survex file : yes (Amended magnetic declination Survex file : yes (Amended magnetic declinatio December 2013 to align with Eur79 grid and
coordinates altered to fit ETRS89 datum, April 2014
x
2573: dig
Cobadal 30T 4481084798921 (Datum: ETRS89. Accuracy code: M) Altitude 220 m
Area position

A blocked, draughting sandstone hole.
```

Reference: anon.,
Untrance pictures :
Video:
Video:
Line Survey
On area survey :
Survex file :
X
2574: dig
Cobadal 30T 4480384798881 (Datum: ETRS89.

```
Accuracy code: M) Altitude 206 m
Accuracy code
Area position
A small, draughting hole.
Reference: anon., 2006d (summer logbook)
Entrance pictures:
Entrance pictures :
Underground pictur
Underground pictur
Video :
Detailed Survey :
Line Survey
On area surve
Survex file :
x
2575: Dingle View Cave
El Naso 30T 4514244796214 (Datum: ETRS89.
Accuracy code: A) Altitude 320 m
Length 18 m Height +4
Area position

Updated 23rd May 2014; 16th, 21st September 2021
Visible passage to the east of Cueva de Coberruyo (site 0138). It was given the name when first explored in 2021. A 3m back-and-foot climb leads into the left cave
which is actually two caves. The left hand which is actually two caves. The left hand
cave is about 5 m long and, across the climb cave is about 5 m long and, across the climb
up, is the right hand cave. This is about 12 m up, is the right hand cave. This is about
long before it gets too narrow and appears to continue very small. [Alex Ritchie]

Reference: anon., 2006d (summer logbook); anon. Reference: anon., 2006d (summer logbook); an
2014b (Easter logbook); anon., 2021c (summer logbook)
```

Entranc
Underground picture :

```
Undergr
Video :
Video:
Detailed Survey
Detailed Surv:
On area survey :
Survex file : August 2021
x
2576: cave
N Vega 30T 449998 4795781 (Datum: ETRS89.
Accuracy code: M) Altitude 192 m
Length 4 m
Area position

Updated 15th June 2008
A cave in the cliff above the path to Cueva Barandas (site 423). (On the right of the path, on the first stretch from the road). A small ( \(2 \times 1 \mathrm{~m}\) ) chamber has a tight passage leading off which may be passable by a small person.

Reference: anon., 2006d (summer logbook); anon. Reference: anon., 200
2008d (Whit logbook)
Entrance pictures : yes Untrance pictures : yes
Underground pictures: yes
```

Underg

```
```

Detailed S
Line Survey:

```
Line Survey:
On area survey :
Survex file :
X
2577: cave
N Vega 30T 449278 4795361 (Datum: ETRS89.
N Vega 30T 4492784795361 (Datı
Accuracy code: M) Altitude 240 m
Accuracy code
Area position

A cave remnant in a ravine.

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Reference: anon., 2006d (summer logbook)
Entrance pictures: Entrance pictures :
Underground picture

\section*{2580: cave}

The continuation is through a grille of

An easy dig into a hole with an echo. Stones dr

Reference: anon., 2006e (autumn logbook) Reference: anon., 2006e
Entrance pictures: yes Entrance pictures : yes
Underground pictures Video: Detailed Surve
Line Survey : Line Survey On area surve Survex file

X
2583: dig
S Vega 30T 4511164794058 (Datum: ETRS89 S Vega 30T 451116 4794058 (Dat
Accuracy code: G) Altitude 649m Accuracy C
Depth 2 m Area position

A 2 m deep shakehole to a rift with a slab in A 2 m deep shakehole to a rift with a slab in
the middle. The site looks good for a dig if it the middle. The site looks good for a dig
draughts in the summer. (See also site draught
2354).

Reference: anon., 2006e (autumn logbook) Entrance pictures: ye Underground pictures Video : Line Survey: On area survey: Survex file :
x
2584: dig (2803 (French: SCD)) (Prao del Somo, Sumidero del) S Vega 30T 4509434793969 (Datum: ETRS89. Accuracy code: G) Altitude 669 m Length 2 m Area position

Updated 17th November 2022
A field near the top of the ridge slopes into a limestone outcrop. The eastern, low point is an easy dig and it is possible to see a couple an easy dig and it is possible to see a coupl
of metres. It looks like the farmer has put of metres. It looks like the farmer has put
rocks and rubbish in - but no dead cows!
```

Reference: anon., 2006e (autumn logbook);
Simonnot G, 2022

```
Entrance pictures : yes
Underground pictures
Undergro
Detailed Survey :
Detailed Sur
On area survey :
Survex file :
X
2585: dig
S Vega 30T 450254 4793886 (Datum: ETRS89
S Vega 30T 4502544793886 (Dat
Accuracy code: G) Altitude 660 m
Accuracy cod
Depth 5m
Area position

A 6 m long rift running east-west is 5 m deep but a dig looks a poor prospect.

Reference: anon., 2006e (autumn logbook)
Entrance pictures : yes Entrance pictures : yes Underground pictures Video: Line Survey: On area survey : Survex file
x
2586: dig
S Vega 30T 450014 4794233 (Datum: ETRS89. Accuracy code: G) Altitude 500 m
Depth 6 m Depth 6 n

\section*{Area position}

A small, undescended shaft. The entrance needs a little work to get in
```

Entrence: anon., 2006e (autumn logbook)
Entrance pictures : ye
Underground pictures
Video:
Detailed Survey
Line Survey
Survex file:
x
2587: Walled Cave
S Vega 30T 4501334794702 (Datum: ETRS89. Accuracy code: G) Altitude 495 m Length 28 m Area position

```

Updated 10th June, 7th July 2007; 18th May 2023

A walled up bedding cave, about 50 cm high This was explored in late 2006. The end must be near the surface and if you did a bit of digging you could get a few extra metres. It was re-visited in April 2023. Reference: anon., 2006e (autumn logbook); anon.
2007 c (Whit logbook); Corrin Juan, 2007a; anon., 2007c (Whit logbook); C
2023b (Easter logbook) Entrance pictures : yes Video:
Detailed Survey : 1:1000
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```

Line Survey

The entrance is in clints, above and to the east of the wood. A small rift lies on the east of the wood. A small rift lies on the north side of a small depression with a 5 m high oak tree. A 2 m drop leads to a narrow rift which requires enlarging to a $2-3 \mathrm{~m}$ drop. The rift appears to continue bigger. There is a good inward draught and it is worth spending a day digging.

Reference: anon., 2006e (autumn logbook)

## x

2590: White Chamber Cave

## and this drops 7 m to a second, 5 m pitch to as

Reference: anon., 2006e (autumn logbook); anon., Reference: anon., 2006e
2011d (summer logbook)
Entrance pictures : yes Entrance pictures : yes
Underground pictures : yes Video :
Detailed Survey : sketch notes Line Survey : On area surve Survex file

X
2592: dig
S Vega 30T 4510194794081 (Datum: ETRS89 Accuracy code: G) Altitude 654 m Accuracy code
Area position

## Updated 16th September 202

A couple of digs in a double, closed depression. Site 2592, the smaller, seems to have a slope into a cave, but needs have a slope into a cave, but needs
brambles shifting first to get in. The second brambles shifting first to get in. The seco
dig is site 2593 . (The grid references of dig is site 2593 . (The grid references of
these two sites could do with separating)
these two sites could do with separating).
In August 2021: "Looked at brambles.
In August 2021: "Looked at brambles.
Needs clearing to see if there is a cave."
Reference: anon., 2006e (autumn logbook); anon. Reference: anon., 2006e
2021c (summer logbook) Entrance pictures : ye Underground pictures Video : Detailed Survey Line Survey: Survex file :
x
2593: shaft
S Vega 30T 451019 4794081 (Datum: ETRS89. Accuracy code: G) Altitude 654 m Length 75m Depth 46 m Area position

Updated 15th October 2011; 19th September 2021

A couple of digs in a double, closed depression. Site 2592 is the smaller. The second is site 2593. It has a rift about 5 m wide with trees growing on floor. In the floor is further drop between boulders, which needed some rock moving to get in. It looked roomy below, with an inward draught. (The grid references of these two sites could do with separating).

In 2011, the route was "partly extended" but the boulder blocking the way was 2 ton weight and needed capping. A draught was detected.

Ten years later, the boulder was dispatched and the top of a p28 reached through a squeeze. This fine pitch was dropped from a tri-hang (due to poor rock) into a hading rift / chamber. A further 15 m pitch takes off from a false floor with a rebelay part way down and lands in an area underneath the false floor. No way on was found on that second trip, although it appears that water flows into a choked, body-sized tube at the foot of the second pitch which also draughts in.

The tube was partly cleared for 4 m and it was possible to see down 5 m to the right in a too-tight rift. There is no easy way on.

Reference: anon., 2006e (autumn logbook); anon. 2011d (summer logbook);
logbook); Scaife C, 2022
Entrance pictures : 2006:2011:2021
Underground pictures : 2006:2021 Underground pictures : 2006:2021
Video:2021 Video : 2021
Detailed Sur
Detailed Survey: 2021
Line Survey:
Line Survey
On area survey :
Survex file : 2021
X
2594: dig (Wood Dig)
S Vega 30T 4507224794139 (Datum: ETRS89 Accuracy code: G) Altitude 605 m Length 10 m Depth 4 m Area position

Updated 5th November 2009; 14th January 2012; 25th April 2013

A dig in the east of the wood with a ver good draught. The entrance has been opened up to give a 2 m drop into an area of fractured limestone and blocks. A crawl to the west meets an area of more blocks and the west meets an area of more blocks and
holes in the floor with a very strong draught holes in the floor with a
(out winter, in summer).
Digging commenced in summer 2009 when Digging commenced in summer 2009 when the first crawl was enlarged to make future excavations easier. The route to the final choke is under a $1 \times 1 \times 0.1 \mathrm{~m}$ slab which needs
removing for digging. There appears to be a removing for digging. There appears to $b$
loose cavity on the right hand side just before the slab.
A good, warm, outward draught was felt at A good, warm, outward draught was felt at
the end of December 2011 and the site was

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## draught 2013.

Reference: anon., 2006e (autumn logbook); anon., 2009c (summer logbook); anon., 2011f (Christmas logbook); anon., 2013b (Easter logbook) Entrance pictures : yes

```
Mvide:
M\mathrm{ Detailed Sury }
On area surve
```

Survex file
X
2599: dig
Cubija 30T 4497074796839 (Datum: ETRS89
Cubija 30T 4497074796839 (Datu
Accuracy code: G) Altitude 397 m
Accuracy code:
Area position
A small pile of stones in a field above the
track marks the site of a covered shaft.
Reference: anon., 2006 (Christmas logbook)
Entrance pictures :
Entrance pictures:
Underground pictur
Video:
Detailed Survey
Detailed Surve
Line Survey:
On area survey :
Survex file
X
2600: cave
N Vega 30T 4493544796704 (Datum: ETRS89.
Accuracy code: G) Altitude 460 m
Length 20 m Depth 8 m
Length 20 m
Area position

A tree marks this rift situated just below the recently enlarged track from Calzadillas to Bosmartín. A 4 m climb down lands on a boulder slope down to a choke under a large, jammed block. The passage is 4 to 5 m high and gives the impression of a collapse / slip feature.

Reference: anon., 2006f (Christmas logbook) Reference: anon., 2006f
Entrance pictures: yes Underground pictures : yes Video:
Detailed Survey :
Line Survey
On area survey :
Survex file :
X
2601: cave
N Vega 30T 4491074796550 (Datum: ETRS89
N Vega $30 T 4491074796550$ (Datı
Accuracy code: G) Altitude 465 m
Accuracy code
Length 5 m
Area position

A small hole at the top side of the recently enlarged track from Calzadillas through to Bosmartín. The hole has been filled from the excavations and is a crawl that immediately excavati
chokes.

Reference: anon., 2006 f (Christmas logbook) Entrance pictures : yes
Underground pictures : Underground pictures Detaile Line Survey : On area survey : Survex file :
x
2602: cave
N Vega 30T 449098 4796738 (Datum: ETRS89. Accuracy code: G) Altitude 493 m Length 5 m
Area position Small crawls under a limestone face in a
vegetated shakehole. vegetated shakehole.
Reference: anon., 2006 (Christmas logbook)
Entrance pictures : yes Entrance pictures: yes
Underground pictures Underground pictures

```
Video :
```

```
Detailed Surve
```

One Survey :
Survex file :
x
2603: diq
N Vega 30T 4489714796510 (Datum: ETRS89.
N Vega 30T 4489714796510 (Datı
Accuracy code: G) Altitude 525 m
Length 3 m Depth 2 m
Area position

A hole with a private hunting sign. A small space with a possible dig in the floor.

Reference: anon., 2006 (Christmas logbook) Entrance pictures : yes
Underground pictures : Undergr
Video :
Video:
Detailed Survey
Detailed Sur
Line Survey
On area surve
Survex file :

X
2604: diq
La Secada 30T 4507944797467 (Datum: ETRS89. Accuracy code: G) Altitude 403 m Area position

A line of depressions go down the hill from near the track T-junction. In the top depression is a draughting slot on the left bank above a wet weather sink.

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Reference: anon., 2006 f (Christmas logbook)
Entrance pictures : yes

2608: shaft
Cruz Llorada 30T 4500874797882 (Datum ETRS89. Accuracy code: G) Altitude 497m Depth 8 m

Site 2608 lies up from the track and is a wide, vegetated depression about 30 m long. wide, vegetated depression about 30 m lon
The interest lies at the top end where the The interest lies at the top end where the
site appears to be about 8 m deep and may site appears to be about 8 m deep
continue down. Ladder required?
Survex file

## 2609: shaf

Coterón las Llanas 30T 4507624798569 (Datum ETRS89. Accuracy code: G) Altitude 483 m Depth 8m

This a shaft covered with rocks next to faint track a few metres from the farmhouse. Stones appear to drop about 8 m .

Reference: anon., 2006 f (Christmas logbook) Entrance pictures : yes

A 3 m deep shakehole with a limestone face on one side
going down

Reference: anon., 2006 f (Christmas logbook) Entrance pictures : yes
Underground pictures : Video: Detailed Survey
Line Survey: Line Survey : On area sur
Survex file : Accuracy code: G) Altitude 350 m Area position

Updated 25th February 2007
Site 2611 lies about 100 m northeast of Lastrillas and is a hidden rift/depression on the true left bank of a vegetated valley running off the path, and more or less opposite the valley that runs up to Torca de Lastrillas.
The lower hole is a tiny cave which chokes about 2 m in. The upper hole is a tight draughting dig where it is possible to see down about 2 m . The valley continues uphill through thick vegetation.

$$
\text { Reference: anon., } 2006 \mathrm{f} \text { (Christmas logbook); }
$$

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\begin{aligned}
& \text { Reference: anon., } 2006 \mathrm{f} \text { (Christm } \\
& \text { anon., 2007a (February logbook) }
\end{aligned}
$$

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& \text { anon., 2007a (February logbc } \\
& \text { Entrance pictures : yes }
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& \text { Entrance pictures: yes } \\
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& \text { Video: } \\
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& \text { On area survey } \\
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Survex fild

X
2612: dig
Riaño 30T 452075 4800142 (Datum: ETRS89, Accuracy code: G) Altitude 235 m Area position

A dig below site 2596. It does not appear to be connected but does emit a slight draught

Reference: anon., 2006e (autumn logbook)
Entrance pictures : yes Entrance pictures : yes Video:
Detailed Survey : Line Survey On area surve Survex file :
X
2613: diq
Riaño 30T 452045 4800087 (Datum: ETRS89. Accuracy code: G) Altitude 211 m

## Area position

A low rock undercut, which may be the start of a bedding. The site is located on the hill above Trackside Cave (site 2418).

Reference: anon., 2006e (autumn logbook) Entrance pictures: ye Underground pictures Video: Detailed Surv Line Survey
On area sur On area sur
Survex file
x
2614: dig
Riaño 30T 452100 4799884 (Datum: ETRS89 Accuracy code: G) Altitude 178 m
Area position Area position

A bedding plane under a slab, located above the track leading from the end of the valley back towards Cueva Hoyuca. Requires digging as it's currently too low.

```
Reference: anon., 2006e (autumn logbook)
Reference: anon., 2006e
Entrance pictures: yes 
Underg
Ditailed Survey :
Detailed Sur 
On area survey :
Survex file :
x
2615: sink
Riaño 30T 452070 4799885 (Datum: ETRS89.
Riaño 30T 452070 4799885 (Datu
Area position
A sink located next to the track leading from
A sink located next to the track leading fror
Hoyuca.
```


## Reference: anon., 2006e (autumn logbook)

``` Entrance pictures: yes Underground pictures
Video :
Detailed Survey
On area survey :
Survex file
MATIENZO UNDERGROUND - site descriptions (printed 19/02/2022 \(\begin{gathered}\text { Volume } 4 \text { - page } 47\end{gathered}\)
```


## $\frac{\text { 2616: dig }}{\text { Riaño } 307452 \text { an }}$

On the true right bank below Torca de Lastrilla. A small tube leads to head of 3 m drop. Would need excavating to make any progress

Reference: anon., 2007a (February logbook) Entrance pictures : yes Underground pictures : y Video


2620: shaf

## 2622: shaft

 N Vega 30T 4502834795991 (Datum: ETRS89 Accuracy code: G) Altitude 304 m Area position
## Updated 14th May 2007

A 2 m diameter shaft with a large boulder cap - entry is gained down the back to an cap - entry is gained down the back to an goat bones is 12 m down and a passage goat bones is 12 m down and a passage
spirals down 5 m to a choke. spirals down 5 m to a choke.

Reference: anon., 2007a (February logbook); Reference: anon., 2007a (February logbook);
anon., 2007b (Easter logbook); Corrin Juan, 2007a Entrance pictures : yes activities at Easter 2007 Underground pictures: yes exploration Easter 2007
Detailed Survey
Line Survey :
Line Survey On area surve
Survex file :
x
2623: Parabolt Roñoso, Torca del (LC203)
Alisas 30T 4476694793766 (Datum: ETRS89 Accuracy code: G) Altitude 705 m Length 20 m Depth 16 m Area position

Updated 15th May 2007; 21st June, 11th November 2021

An 8 m deep hole that leads to another 8 m drop to a T-junction where both routes are choked.

On the other side is a 4 m undescended drop. A choked hole, $2 m$ deep, can be found drop. A choked hole, 2

During Spring 2021, the Club de Montaña y Espeleología La Cambera explored around the Alisas-Los Trillos area, rediscovering some MCP sites and finding new ones. They documented this site in their blog and other notes as LC203, describing it as about 12 m deep (undescended) and seeing an old bolt. The grid reference is 30T 04476684793758. This was later changed in the 2021 report to 30T 4476684793758 , putting it just south of the MCP permit boundary.

Reference: anon., 2007a (February logbook);
ano., 2007b (Easter logbook); anon., 2021b (Spring logbook); anon., 2021d (autumn logbook); anon., 2021e (La Cambera Rpt) Entrance pictures: yes Underground pictures : Video:
Detailed Survey
Line Survey Line Survey Survex file :

X
2624: shaft
Alisas 30T 4478094793652 (Datum: ETRS89 Accuracy code: G) Altitude 730 m Length 11 m Depth 6 m Area position

Updated 15th May 2007
The depression goes to a choked 5 m rift. with debris and animal bones. On the shoulder of the depression is a shaft, 6.2 m deep, which also chokes with boulders and bones.

Reference: anon., 2007a (February logbook);
Reference: anon., 2007a (Febr
anon., 2007b (Easter logbook)
Entrance pictures : yes Underground pictures Video:

```
Detailed S
```

Line Survey :
On area survey :
Survex file

X
2625: cave (LC211)
Alisas 30T 4478304793601 (Datum: ETRS89 Alisas 30 T 4478304793601 (Datur
Accuracy code: G) Altitude 733 m Length 7 m
Updated 20th June, 4th November 202
A small cave ends at a narrow rift.
During Spring 2021, the Club de Montaña y Espeleología La Cambera explored around the Alisas-Los Trillos area, rediscovering some MCP sites and finding new ones. They
documented this site in their blog as LC211 documented this site in their blog as LC2
describing it as a 7 m long joint which describing it as a 7 m long j
"exudes great freshness". Reference: anon., 2007a (February logbook);
anon., 2021b (Spring logbook); anon., 2021d
(autumn logbook); anon., 2021e (La Cambera Rpt) Entrance picture : 2021 . Underground pictures Video:

## Detailed Surve

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MATIENZO UNDERGROUND - site descriptions (printed 1902/2024

## on area surv <br> ```Survex file```

## 2626: shaf

Alisas 30T 4479154793622 (Datum: ETRS89.
Accuracy code: G) Altitude 707 m Accuracy code: G) Altitude 707 m
Length 7 m Depth 7 m
Area positio
Updated 15th May 2007; 12th July 2010
A shaft is in a closed, 5 m deep depression vertical on 3 sides. The shaft base is 7.1 m from the bottom of the depression (choked). 30 m up slope is a large open rift with a slope down. The rift contains crawls that may draught.

Reference: anon., 2007a (February logbook); anon., 2007b (Easter logbook) Entrance pictures : yes
Underground pictures :
Video :
Detailed Survey
Detailed Sur
Line Survey
Line Survey
On area sur
Survex file :
x
2627: shaft
Alisas 30 T 4482854793660 (Datum: ETRS89.
Accuracy code: G) Altitude 709 m
Length 6 m Depth 6 m
Area position
Updated 15th May 2007

A capped shaft where a covering tree has fallen over and pulled rocks away. A 6.3 m deep hole with a with a choke at the base.

Reference: anon., 2007a (February logbook); anon., 2007b (Easter logbook)

2628: shaft
$\qquad$
Alisas 30T 4483154793641 (Datum: ETRS89
Alisas 30 T 4483154793641 (Datı
Accuracy code: G) Altitude 715 m
Accuracy code: G) Alti
Length 8 m Depth 8 m
Length 8 m D
Area position

A free-climbable 8 m deep shaft ends at a narrow rift which chokes

Reference: anon., 2007a (February logbook) Entrance pictures: yes Video :
Detailed Survey
Line Survey
On area survey
Survex file :

## 2629: shaf

Alisas 30T 4481984793491 (Datum: ETRS89 Accuracy code: U) Altitude 735 m Length 36 m
Area position

Situated just on the Matienzo side of the ridge, the shaft lies in the side of a rocky ridge, the shaft lies in the side of a rocky
depression. The shaft is 8 m to a large ledge depression. The shaft is 8 m to a large Narrow rifts descend on both sides of the ledge and unite 10 m lower down. The last 8 m is in a rift 6 m long and a metre and a half wide. A level floor at the base of the shaft is a mixture of clay, small rocks and bones. Water seeps away at each end of the rift down narrow joints. The middle section of the shaft is quite awkward and is bes descended on side nearest to surface depression.
A Disto was dropped down the shaft on the first visit; the second recovered the (still working) Disto and explored the hole.
undescended shafts to the west, including another large one. The shaft was descen covered in mulch. There is no mention of th depth and the team didn't find the shafts to the west.

During Spring 2021, the Club de Montaña y During Spring 2021, the Club de Montaña y Espeleología La Cambera explored around the Alisas-Los Trillos area, rediscovering some MCP sites and finding new ones. They documented this site in their blog as LC207 naming it Torca Bonita. They describe it as having $5 \times 3 \mathrm{~m}$ entrance with a plumbed depth of 20 m although the Report (below) states a 13 m depth. The grid reference is 30T 04479344793530 Altitude 755 m .

Reference: anon., 2007a (February logbook);
anon., 2014c (summer logbook); anon., 2021b (Spring logbook); anon., 2021d (autumn logbook);
anon., 2021e (La Cambera Rpt) anon., 2021e (La Cambera Rpt Entrance picture: 202 Underground pictur Video : Line Survey : On area surv Survex file

## x

## 2631: hole

Cubija 30T 450398 4796471 (Datum: ETRS89 Accuracy code: M) Altitude 248 m Area position

A hole to a chamber with a small drop to a calcite choke. Unreliable grid reference.

Reference: anon., 2007b (Easter logbook) Entrance pictures Underground pictures Video :
Detailed Survey Line Survey On area surv
x
2632: shaft
Cubija 30T 4504084796461 (Datum: ETRS89. Accuracy code: M) Altitude 248 m Length 8m Depth 8m Area position

An 8 m rift pitch with a dig in the base.
Reference: anon., 2007b (Easter logbook); Corrin Juan, 2007a
Entrance pictures
Underground pictures :
Video:
Detailed Survey :
Line Survey :
Line Survey
On area surve
Survex file :
X
2633: cave
Cubija 30T 450418 4796431 (Datum: ETRS89,
Accuracy code: M) Altitude 245m Length 5m Depth 3 m Area position

A rift which is horizontal to start with then has a 3 m drop to a calcited dig.

## Reference: Reference: Juan, 2007a

 Entrance pictures Underground pictures Video : Detailed Survey Line Survey Survex file

X
2634: hole
Cubija 30T 450438 4796421 (Datum: ETRS89 Accuracy code: M) Altitude 250 m
Area position
A 3m deep choked hole.

```
Reference: anon., 2007b (Easter logbook); Corrin
Reference:
Juan, 2007a
Underground pictures
Video:
Video:
Dine Survey
On area survey :
On area sur
X
2635: hole
Cubija 30T 4504384796411 (Datum: ETRS89
Cubija 30T 450438 4796411 (Datu
Accuracy cc
Area position
A hole with a boulder wall and a dig. Approximate grid reference.
Reference: anon., 2007b (Easter logbook); Corrin

\section*{Detailed dus
Lina Surve}

\section*{2637: cave}

S Vega 30T 451498 4795311 (Datum: ETRS89 Accuracy code: M) Altitude 240 m Length 4m Area positio

Updated 20th September 2022
This cave is 5 m below and 10 m to the eas of site 0177, La Cuevuca. A rock shelter with 3.5 m of passage at the right hand side. It was "checked" in July 2022.

Reference: anon., 2007b (Easter logbook); Corrir Juan, 2007a; anon., 2022c (summer logbook
Jum Entrance pictures
```

Underground picture

``` 2010; 3rd January 2018

Known as the "The Boghole". A small, slab-covered shaft drops 7.5 m to a steep, slippery slope into a chamber with a number of passages radiating. The first two on the left quickly join in a lowering crawl to a dig, while the next one up a short slope is a narrow rift to a choke. The final passage is narrow rift to a choke. The final passage is
reached via a 1.5 m climb up to a tall rift reached via a 1.5 m climb up to a tall rift which leads quickly to a choice of routes. The top level - Up Above Passage - can be followed for 60 m of walking and stooping to a final short crawl at roof level to a choke on shattered joints.
The lower level - Down Below Passage starts as a hands-and-knees crawl but quickly slopes down to a larger section just beyond a short, tight inlet on the right Walking, traversing and scrambling ove collapsed boulders leads to final traverse over holes in the floor beside a calcite run down the left wall to end at a small "chamber" formed by breakdown after about 100 m . An upper route ends at a dig in boulders after 4 m , whilst a floor level route goes a similar distance to a choke of sand and shingle.
Both passages follow exactly the same joint determined route, with several overtight holes linking then through the floor / roof which for much of the length is unbroken. which for much of the length is unbrok Both upper and lower leve
choke on shattered joints.
There may be digging possibilites at the
There may be digging possibilites at the base of the entrance pitch. (Communicated
by HL ) by \(H L\) )

Reference: anon., 2007b (Easter logbook); anor 2007d (summer logbook); Corrin Juan, 2007


Entrance pictures : yes
Under
Video
Detailed Survey : Easter 2007: 1:500
pdf Summer 2007: 1:500 pd

Reference: anon., 2007b (Easter logbook)
Entrance pictures : yes Entrance pictures : yes
Underground pictures Video:
Detailed Survey Line Survey On area surve
Survex file : X
2640: Violent Violet Riaño 30T 4519024800242 (Datum: ETRS89. Accuracy code: G) Altitude 195m Length 15m Depth 3 m Area position

The cave entrance was dug out and then excavated past calcite to 15 m of walking passage and a stal. choke to the roof.

Reference: anon., 2007b (Easter logbook) Reference: anon., 2007
Entrance pictures : ye Underground pictures : yes Video :
 Line Survey On area survey Survex file : yes (Amended magnetic declination December 2013 to align with Eur79 grid and December 2013 to align with Eur79 grid and
coordinates altered to fit ETRS89 datum, April 2014. x
2641: holes (2)
Riaño 30T 4524024799915 (Datum: ETRS89. Accuracy code: G) Altitude 232 m Length 3m Depth 3 m Area position

The first hole is about 2.5 m deep. The second drops a similar amount, is about 0.5 m in diameter and has a 7 cm diameter stalagmite at the base.

Reference: anon., 2007b (Easter logbook)
Reference: anon., 2007b
Entrance pictures : yes Entrance pictures: yes
Underground pictures: yes

\section*{Video:}
 Line Survey On area surve Survex file :

X
2642: cave
Riaño 30T 452413 4799932 (Datum: ETRS89 Riaño 30T 4524134799932 (Datu
Accuracy code: G) Altitude 237 m Accurgth 10 m Area position

One of a number of low beddings in a scar. This cave has been pushed for 10 m to an This cave has been pushed for 10 m to an
obstruction. The other sites on the scar are 2643, 2644, 2645, 2646 and 2647. 2643, \(2644,2645,2646\) and 2647.
[The site was first found as 1422, VP52510015 Alt. [The site was first found as 1422, VP52510015 Alt.
243 m ; ETRS89: 30 T 4524084799941 on 28/7/99.]

Reference: anon., 1999c (logbook); anon., 2007b Reference: anon.
(Easter logbook) Entrance pictures : yes
Enter legbor Undergro
Video:
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Detailed S
Line Survey:

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On area survey :
Survex file :
x

2643: cave
Riaño 30T 4524174799934 (Datum: ETRS89 Riaño 30 T 4524174799934 (Datu
Accuracy code: G) Altitude 238m Arcuracy code

One of a number of low beddings in a scar. The other sites on the scar are 2642, 2644, he other sites on the scar are 2642, 2644, 2644, 2646 and 2647.

Reference: anon., 2007b (Easter logbook)
Entrance pictures : yes Entrance pictures : yes Underground pictures Video: Line Survey: On area survey : Survex file
x

\section*{2644: cave}

Riaño 30T 452418 4799934 (Datum: ETRS89. Accuracy code: G) Altitude 238 m Area position

One of a number of low beddings in a scar. The other sites on the scar are 2642, 2643, 2645, 2646 and 2647.
```

Reference: anon., 2007b (Easter logbook)

```
Reference: anon., 2007
Entrance pictures : yes
Underground pictures
Underg
Video :
V
Video:
Detailed Sur
Detailed Surve
Line Survey :
On area surve
Survex file
\(x\)

2645: cave
Riaño 30T 452423 4799934 (Datum: ETRS89 Accuracy code: G) Altitude 238 m Accuracy code
Area position

MATIENZO UNDERGROUND - site descriptions (printed 19/02/2024 \(\begin{gathered}\text { Volume } 4-\text { page } 53\end{gathered}\)

One of a number of low beddings in a scar.
The other sites on the scar are 2642,2643 The other sites on the
2644,2646 and 2647 .
26
Reference: anon., 2007b (Easter logbook)
Reference: anon., 2007 b
Entrance pictures : yes
Underground pictures : Video :
```

Detailed

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Line Survey On area surv Survex file

One of a number of low beddings in a scar. This one may be worth digging as it appears cor The other sites on the scar are 2642, 2643, 2644, 2645 and 2647.

Reference: anon., 2007b (Easter logbook) Entrance pictures : y Underground pictures
Video:
Detailed Sur
Line Survey Line Survey
On area sur On area sur
Survex file

\section*{2647: cave}

Riaño 30 T 4524314799937 (Datum: ETRS89 Accuracy code: G) Altitude 239 m Area position

One of a number of low beddings in a scar The other sites on the scar are 2642, 2643 2644, 2645 and 2646

Reference: anon., 2007b (Easter logbook) Entrance pictures : yes
Video :
Detailed Survey
Line Survey :
On area survey
Video :
Detailed Survey
Line Survey :
On area survey
Survex file

2649- Mareserection Hole Riaño 30T 4521184800695 (Datum: ETRS89. Accuracy code. G) Attitude 270 Area position

Updated 11th October, 18th
December 2007; 7th May 2009; 16th January 2010

A draughting, excavated hole to a 3 m drop into a rift passage. Upstream quickly closes down, but downstream the passage gains height, passing an inlet on the right which has not been pushed to a conclusion Continuing downstream the passage narrows forcing a traverse until it breaks out into a chamber with a 3 m deep hole in the floor and a large slab boulder in the middle. There is a potential dig at the right hand end of the chamber. The main way on is straight across the chamber over the back of the slab, heading downstream in a muddy walking passage until a \(T\) junction is reached at a roof fall. To the right it is possible to at a roof fall. To the right it is possible to crawl at floor level under a huge delicately crawl at floor level under a huge delicately supported boulder. This leads into a sn chamber where the roof appears to be peeling off in huge slabs which are largely unsupported (care!). It may be possible to squeeze up next to the right hand wall to get on top of the roof slabs, but if they fell the way out would be permanently sealed
off, so this has not been pushed. off, so this has not been pushed.

In the summer, 2007, a few boulders were removed from the roof fall at the T junction and a hands-and-knees crawl entered
(unsurveyed). This heads left from the T junction for about 30 metres to a right hand bend. Straight on at the bend is a too tight rift which appears to be wider below, but
upstream and does not look promising. Back
at the T junction with the roof fall a clean washed stream bed can be seen down a hol under the boulders, and this is potentially the best lead in the cave. It looks possible to squeeze down into a potential downstream squeeze down into a potential downstream
continuation here with a little excavation of ontinuation here with a little excavation of mud and small boulders (if you can ignore the unstable rock around you!). The end of the cave is located about 70 metres above the large rift complex discoved the most northerly part of Cueva Riano (site 105).

At Easter 2009, the cave was extended a short distance to where it became too tight.

Reference: anon., 2007b (Easter logbook); anon., 2007d (summer logbook); Corrin Juan, 2007a; anon., 2009a (Easter logbook) Entrance pictures: yes Underground pictures : yes Video:
Detailed Survey : 1:500 pdf Easter 2009 On Paul Fretwell's latest version of the Fours Valleys survey
Line Survey On area survey
Survex file : yes (Amended magnetic declination December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014.) X
2650: Dead Goat Hole
Riaño 30T 4521534800696 (Datum: ETRS89 Accuracy code: G) Altitude 287m Area position

Updated 19th, 23rd April 2016
A dead goat in a bag guards a large rock undercut in a hole

This was probably refound in November 2015: "Probably 2650, new entrance photo following clearing. A shaft exists as a dig, under an old white bag. Garys earlier photo faul shows a black bag but reasonably certain it's the same place as there isn't a lot else around to see now its cleared."

Reference: anon., 2007b (Easter logbook); anon., 2016b (Easter logbook) (November 2015 logbook account pasted here) Entrance pictures: yes Video: Detailed Survey Line Survey : On area surve

\section*{X}

2651: sinh
Riaño 30T 4520814800775 (Datum: ETRS89 Accuracy code: G) Altitude 255 m Area position

\section*{A stream sink with no visible holes.}

Reference: anon., 2007b (Easter logbook) Entrance pictures : yes Undergro
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\begin{aligned}
& \text { On area surv } \\
& \text { Survex file : }
\end{aligned}
\]

\section*{X}

\section*{2652: shaft}

Fresnedo 30T 4543034800808 (Datum: ETRS89. Accuracy code: G) Altitude 438 m Depth 5 m

Updated 17th April 2008; 30th April 2016; 24th September 2023

An earlier position was 30T 454315 4800803
A 5 m deep, undescended shaft in the field across the road from the radar dome. When seen in late March 2016, the hole had been covered over or blocked. In August 2023, it could not be found. Reference: anon., 2007b (Easter logbook); anon.,
2008c (Easter logbook); anon., 2016b (Easter logbook); anon., 2023c (summer logbook) Entrance pictures : yes Underground pictures Video :

\section*{Detailed Sur} Line Survey : Survex file
x
2653: cave
Secadura 30T 4557284799311 (Datum: ETRS89 Accuracy code: M) Altitude 52 m Length 8 m

Updated 22nd October 2010
This site is about 10 m from the eastern edge of the resurgence pool at Los Boyones A slot down into a space - one way seems to MATIENZO UNDERGROUND - site descriptions (printed \(\begin{gathered}\text { Volume } 4 \text { - page } 55\end{gathered}\)
drop to water, the other at a higher level continues open out of sight.
This was "possibly explored" in May 2010 (account near end of summer logbook). A squeeze down into passage, about 5 m long and choked.

Reference: anon., 2007b (Easter logbook); Corrin Reference: anon., 2007b (Easter logbook); c
2010 (summer logbook) Entrance picture : yes Entrance picture : yes
Underground pictures
Video:
Detailed Survey Line Survey: On area surv
Survex file Survex file

2654: shaft
S Vega 30T 4522504794662 (Datum: ETRS89 S Vega 30T 4522504794662 (Da
Accuracy code: G) Altitude 514 m Accuracy code: G) Altit
Length 9 m Depth 9 m Length 9m D
Area position

\section*{Updated 17th April 2008}

A \(1 \times 0.5 \mathrm{~m}\) shaft top covered by blocks drops to a choked floor with "standing room only".

Reference: anon., 2007b (Easter logbook); anon., 2008c (Easter logbook)

\section*{2655: shaft}

S Vega 30T 4522374794655 (Datum: ETRS89 Accuracy code: G) Altitude 517 m
Length 5 m Depth 5 m
Area position
Updated 11th October 2007; 17th April 2008
An 0.8 m diameter shaft with a rock jammed in the top. The site is a 5 m deep blind pot.

Reference: anon., 2007b (Easter logbook); anon. 2007d (summer logbook); anon., 2008c (Easter logbook)
```

Entrance pictures: yes

```
Underground pictures:
Video :
Video:
Detailed Survey
Line Survey :
On area survey
On area sur
Survex file
X
2656: shaf
S Vega 30T 4522194794503 (Datum: ETRS89
Accuracy code: G) Altitude 555 m
Depth 10 m
Area position

An unexplored \(3 \times 2 \mathrm{~m}\) shaft in the clints. The site is about 10 m deep. It may be site 470.

Reference: anon., 2007b (Easter logbook) Entrance pictures
```

Underground picture
Video

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Detailed Survey
Detailed Su
Line Survey
On area sur
On area sur
Survex file :

\section*{2657: diq}

S Vega 30T 4521764794630 (Datum: ETRS89 Accuracy code: G) Altitude 532 m Area position

A 10 cm diameter draughting hole in a grassy depression

Reference: anon., 2007b (Easter logbook)
Reference: anon.,
Entrance pictures
Underground pictures
Video :
Detailed Survey
Line Survey On area surv
Survex file :

2658: shaft S Vega 30T 4522094794583 (Datum: ETRS89 S Vega 30T 4522094794583 (Da
Accuracy code: G) Altitude 540 m Accuracy code: G) Altit
Length 6 m Depth 6 m Area position

Updated 17th April 2008
A 0.5 m diameter hole (covered by blocks) which opens to a \(0.6 \times 0.5 \mathrm{~m}\) shaft. A 6 m free-climb drops to a choke

Reference: anon., 2007b (Easter logbook); anon., 2008c (Easter logbook)
Entrance pictures : yes
Video
Detailed Survey

\section*{On area sur \\ surv}
x

\section*{2659: dig}

S Vega 30T 4522504794583 (Datum: ETRS89. Accuracy code: G) Altitude 537 m
Depth 2 m Depth 2 m

\section*{Area position}

A 0.4 m diameter hole covered by blocks. Approximately 2 m deep..

Reference: anon., 2007b (Easter logbook) Entrance pictures Underground pictures Video:
```

Detailed Surve

```
Line Survey
On area surve
Survex file :
Survex file
X

2660: rift
S Vega 30T 4518124794143 (Datum: ETRS89. Accuracy code: G) Altitude 592 m Length 2 m Area position

A \(2 m\) long, choked rift.
Reference: anon., 2007b (Easter logbook) Entrance pictures Underground pictures Video : Detailed Survey
Line Survey : Line Survey On area survey : Survex fil

X
2661: cave
N Vega 30T 449533 4796285 (Datum: ETRS89. Accuracy code: G) Altitude 348m

\section*{Depth 2 m}

Area position
Updated 28th April 2012
A narrow shakehole has a 2 m deep, too narrow rift at the south side and a 2 m undescended drop at the northern end. To undescended drop at the northern end. To
the east is an unexplored shakehole. The the east is an unexplored shakehole. The
site was described as "pretty forlorn" at site was described as "pretty forlorn" at Easter 2012 and there was no draught at the possible dig.

Reference: anon., 2007b (Easter logbook); Corrin Juan, 2007a; anon., 2012b (Easter logbook) Entrance pictures : yes

\section*{Video :}

Video :
Detailed Survey :
Line Survey:
Line Survey
On area survey
Survex file :

\section*{x}

2662: dig
N Vega 30T 4495354796247 (Datum: ETRS89. Accuracy code: G) Altitude 356 m
Depth 4 m Depth 4 m

\section*{Area position}

A \(4 m\) deep rift in a shakehole that should dig out to descend.

Reference: anon., 2007b (Easter logbook); Corrin Juan, 2007a
Entrance pictures : yes
Underground pictures
```

Video

```

Detailed Surve
On area survey :
Survex file :
x
2663: shaft
N Vega 30T 4495124796201 (Datum: ETRS89. Accuracy code: G) Altitude 368 m
Length 12 m Depth 6 m
Area position
Updated 11th October 2007; 15th June 2008

A 6 m deep shakehole with an open 4 m pitch to rubbish in a rift. At floor level to the right, a descending bedding is too tight and choked. Under the left hand wall an easy slither up passes the base of an opening seen on the side of the shakehole and emerges in a second, smaller shakehole to the north.
The descending bedding has been partially excavated although it may be that the draught is generated by the entrances.

Reference: anon., 2007b (Easter logbook); anon.,
2007d (summer logbook); Corrin Juan, 2007a 2007d (summer logbook); Corrin Juan, 2007a Entrance pictures : yes
Underground pictures :

\section*{Video:}

Detailed Survey : sketch elevation Line Survey : On area survey :
Survex file :
\(\frac{2664: ~ d i a ~}{\text { Natana }}\)

A dig near a shakehole with trees. A small
A dig near a shakehole with trees. A small
passage can be seen beyond a block that passage can be seen beyond a block that
needs removing. Five metres to the east is a needs removing. Five metres to the eas
crawl into a small hole which continues crawl into a small hole which continues towards the dig.
Reference: anon., 2007b (Easter logbook); Corrin
Juan, 2007a
```

Video :

```
Detailed Survey :
Line Survey :
On area survey
Survex file
X
2665: dig
N Vega 30T 4501314795999 (Datum: ETRS89
Accuracy code: G) Altitude 315 m
Depth 7m
Area position
Updated 23rd November 2013

One large block has been removed from the top of this narrow 7 m drop. The remaining rock is very deep and need caps to brea up. A flat floor in a 1 m wide rift is visible and it is well worth digging to check it out.

Reference: anon., 2007b (Easter logbook); Corrin Juan, 2007a; anon., 2013e (autumn logbook Entrance pictures : yes

2667: shaft
N Vega 30T 4504094795995 (Datum: ETRS89 N Vega 30T 4504094795995 (Da
Accuracy code: G) Altitude 290 m
```

Length 6m Depth 6m

```
Area position
Updated 19th May 2022

A 2 m diameter open hole is a 6 m deep, choked shaft with large bones. By 2022, this hole and nearby site 2666 were plugged with tyres.

Reference: anon., 2007b (Easter logbook)
Entrance pictures : yes Entrance pictures : yes
Underground pictures : Video:
Detailed Survey
Line Survey
On area surve
Survex file :
X
2670: rift
La Gatuna 30T 4491604800072 (Datum: ETRS89. Accuracy code: G) Altitude 153m
Area position
A descending rift that is too tight to follow. It may take water.

Reference: anon., 2007b (Easter logbook)
Reference: anon., 2007
Entrance pictures : yes
Entrance pictures: yes

\section*{Video:}

Detailed Surve
Line Survey :
On area survey
Survex file :

2671: cave
La Gatuna 30T 4491484800239 (Datum: ETRS89. La Gatuna 30T 4491484800239 (
Accuracy code: G) Altitude 140 m Accuracy code
Area position

A vegetated sink hole with hosepipe. A small A vegetated sink hole with hosepipe. A small
passage at the base is too tight and blocked passage at the base
by stones and mud.
Reference: anon., 2007b (Easter logbook) Entrance pictures : yes Underground pictures : yes
```

Video :

```
```

Detailed Survey

```
On area surve
Survex file :
x

\section*{2672: shaft}

La Gatuna 30T 4491704800195 (Datum: ETRS89. Accuracy code: G) Altitude 134 m
Area position

A large depression with a hole at the foot of the west side. This leads to a small chambel over the body of a dead sheep. The passage to the right leads to a possible descent. The left passage also appears to descend through a slot (which requires a lumphammer) to a lower chamber
```

Reference: a
Reference: anon., 2007b (Easter logbook); Corrin
Juan, 2007a
Entrance pictures : yes
Untrance pictures: yes
Underg
Video:
Line Survey
On area survey :
Survex file :
X
2673: shaft
2673: Shaft
La Gatuna 30T 449458 4800125(
Depth 3m
Area position

```
Updated 15th October 2011
A covered shaft in a field with post fencing.
The site is 3 m deep and a possible dig.
The site is 3 m deep and a possible dig.
2011 although there is no logbook account.
Reference: anon., 2007b (Easter logbook)
Entrance pictures : yes
Entrance pictures: yes
Underground pictures
Underg
Video :
Detailed Survey :
Line Survey
On area survey :
Survex file :
X

2674 cave
Alisas 30T 04-47- Length 4 m
A 4 m long cave which closes down at the base of a large open rift. This site is immediately north of site 2624.

Reference: anon., 2007b (Easter logbook) Entrance pictures Underground pictures Video :
Detailed Survey Line Survey : On area surve Survex file :

\section*{2675 shaft}

Alisas 30T 04-47- Depth 9 m
This site is 100 m NE of site 2626 and is a 8.5 m deep, large, choked shaft.

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Reference: anon., 2007b (Easter logbook)
Entrance pictures : yes

\section*{2678: hole}

\section*{2681: dig} Riaño 30 T 4525314799824 (Datum: ETRS89, Accuracy code: G) Altitude 215 m Length 2 m

A dig into sand and clay in a phreatic passage above the northwest side of the passage above the northwest side of the
Windy Inlet molephone depression, site 2691.

Reference: anon., 2007b (Easter logbook) Entrance pictures : yes Underground pictures :
Video : by Juan Corrin - Phil Papard digging Video : by Juan Corr
Detailed Survey : Line Survey : On area survey : Survex file :
x

\section*{2682: cave}

S Vega 30T 451490 4795302 (Datum: ETRS89. Accuracy code: G) Altitude 249 m Length 12 m

Updated 9th, 20th September 2022; 18th May 2023

A goat pen to the east of La Cuevuca, site 177. A 6 m wide entrance is 2 m high and the passage goes in 12 m . The back of the cave is blocked by an oil drum but there is no draught.
The relative positions of the 3 sites to the southeast can be seen here.

There was no sign of any bat activity when visited in April 2023. Reference: anon., 2007d (summer logbook); Corrir
Juan, 2007a; anon., 2022c (summer logbook); Juan, 2007a; anon., 2022c (sum
anon., 2023b (Easter logbook) Entrance pictures: 2007, 2022 Underground pictures Video : Detailed Surve
Line Survey : Line Survey : Survex file:
x
2683 hole

A 3 m shaft to rubbish on the floor. There is a small rift to the west without a draught. The given grid reference of 30T 0446871 4793701; ETRS89: 30T 4467694793492 appears to be wrong

Reference: anon., 2007b (Easter logbook) Entrance pictures : yes
Underground pictures Undergro
Video : Video: Detailed Surv Line Survey
On area sur On area surve

2684: hole
Alisas 30T 4475984794091 (Datum: ETRS89. Accuracy code: U) Altitude 630 m Accongth 40 m Area position

Updated 20th September 2014
"Other entrance in field" near to site 1013 and beneath a level with a trough for cows. The site was explored in 2014 when rocks were removed from the entrance. A 4 m crawl leads to a 2 m climb down into a pool crawl leads to a 2 m climb down into a pool tight rift where a p4 is lined as the walls are tight rift where a p4 is lined as the walls are "very crumbly for free climbing". A 1 m climb up meets a large stal column and a flowstone covered rift. This continues to a beakdown chamber but no continues to . All leads have been looked at, but the site has not been surveyed.

Reference: anon., 2007b (Easter logbook); anon., Reference: anon., 2007b
2014c (summer logbook) Entrance pictures: ye Underground pictures Video: Detailed Surve On area surve) Survex file
leads to a gradually enlarging passage with a series of bends and small climbs down t
junction. To the left is too tight, straight junction. To the left is too tight, straight
ahead ends shortly in an unclimbed aver whilst to the right continues round a further whilst to the right continues round a fur
bend to the start of a traverse along a bend to the start of a traverse rift. After 10 m this gets too tight for
narron narrow rift. After 10 m this gets too tight for further progress with the floor now some 3 m below the traverse level. It is possible to communicate fr
entrance crawl. The other direction at the foot of the 5.7 m climb is walking size to where the rift closes. Just back from here in the left wall a hammered out hole leads through to a parallel passage. To the left is a lowering sand-floored crawl to a complete choke, whilst to the right is a comfortable crawl to a junction. To the left closes to a complete choke almost immediately, whilst straight ahead can be followed as a flat out crawl for 12 m to a choke. The passage to the right is walking size, with a floor of thixotropic mud, and has a number of side passages leading to blind avens. A narrow slot in the left wall near the junction is too tight currently but has a good echo.

Reference: anon., 2007b (Easter logbook); anon.


A small cave with a rock arch at the entrance. The site narrows down at the entrar
back.

Reference: anon., 2007d (summer logbook); Corrin
Juan, 2007a Juan, 2007a
Entrance pictures : yes
Underground pictures:
Undergro
Detailed Survey : Line Survey On area sury
Survex file :
x
2690: cave
Secadura 30T 4573344800085 (Datum: ETRS89. Accuracy code: G) Altitude 38 m Length 25 m
Area position

Updated 22nd October 2010
A cave in the limestone lump. A 5 m stoop to a right angle bend to the left with another 5 m to a flat out crawl with an echo ahead.

At May 2010, the first squeeze was dug through to 6 m of passage and a second squeeze that was also passed. The crawl, however, goes immediately to another obstacle but continues beyond.
```

Reference: anon., 2007b (Easter logbook); anon.,
$$
\begin{array} { l } { \text { Reference: anon., 2007 } } \\ { 2 0 1 0 \mathrm { c } \text { (summer logbook)} } \\ { \text { Entrance picture: yes } } \end{array}
$$
2010c (summer logbook
Untrance picture: yes
Video:
Detailed Survey
Line Survey
On area surve
Survex file :
X
2691: Giant Panda entrance Riaño 30745252574799815 (Datum: ERTS89

```
 Length included in the 4 Valleys System (site 0107)
Area position Area position

Updated 12th October 2007; 17th April, 7th May, 4th June, 4th October 2008; 16th May, 4th June, 4th October 2008; 16th
January, 22nd October, 16th December 2010; 18th February 2012; 19th September 2010; 18th February 2012; 19th September
2013; 23rd May 2014; 17th May 2015; 20th 2013; 23rd May 2014; 17th May 2015; 2 October 2016; 10th January 2017; 22nd
May 2017; 9th May, 1st July 2018; 28th May 2017; 9th May, 1st July 2018; 28th
January, 18th September 2019; 20th, 27th January, 18th September 2019; 20th, 27
September 2022; 25th September, 6th September 2022,
November 2023

The "top, all weather entrance" to Cueva de la Hoyuca situated in a large, deep depression with a stream sink. This hole drops about 60m down a set of climbs into the Gorilla Walk, a few minutes before the Second River Inlet. SRT gear is required and 40 m and 15 m ropes as shown on the RIGGING GUIDE taken from the Easter 2014 logbook. The route has been surveyec down to a cairn of two blocks in the Gorilla Walk.

CAUTION: The climb down from the surface through a road drainage tube then through a crawl in a tube seems (hopefully!) stable now (October 2023). (The previous scaffolding at the head and down the shaft has been removed and replaced by a road drainage tube. (See summer and autumn 2023 entrance photos below). However, care is needed exiting the tube and on the climb down into the small chamber at the head of the first pitch, due to the close proximity of the loose roof and walls. Also it is still possible that debris from the pitch head can fall all of the way to the bottom of the pitches, so it is still recommended one at a time on the rope and keep well clear at the bottom.
There is a short rope through the tube at the bottom of the Giant Panda entrance climb, but the rope on the main pitch has been removed due to damage, however the hangers are all in-situ. (Simon Cornhill, hangers
\(2 / 1 / 2019\) )
The entrance was used in the summer 2019 and on 16th August 2022 when the first through trip into Matienzo was undertaken, via Armageddon (in Hoyuca) and site 0252 . after removing boulders at Armageddon that blocked the way

After the entrance climb and crawl, a descent of 25 m passing several easy descent of 25 m passing several easy
rebelays and a deviation leads to the botton of a large rift. The top half of the main drop of a large rift. The top half of the main dr
in this rift can become wet in high water in this rift can become wet in high water conditions, but the water falls behind a flake
leaving the bottom half of the pitch dry. A leaving the bottom half of the pitch dry. A
short walk down slope at the bottom of the short walk down slope at the bottom of the
rift leads to the final vertical 5 m pitch which \begin{tabular}{l}
\hline MATIENZO UNDERGROUND - site descriptions (printed 19/02/2024) \\
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\end{tabular}
gets very wet in high water conditions. Landing in a cobbled floored chamber, SRT
kits are best removed here (and left here if not needed elsewhere in the system). A slope down from this small chamber leads to the previous tightest point, a horizontal the previous tightest point, a horizontal
squeeze under a substantial flake (see photos A1 \& A2, summer 2010). This ha now been removed (Easter 2014) and larger people can use the route. The squeeze emerges in the top of a rift where a 3 m free climb down regains the floor. The squeeze remains dry in high water conditions and the stream is met part way down the climb here.

The floor of the narrow meandering rift is now followed down 3 more small climbs before a series of \(4 \times 90\) degree bends leads to an awkward straight section of taller narrow rift. This is initially passed at floo level to pass under a chock stone before immediately moving up to the higher level to avoid getting stuck head first down hill in the tightening rift. This tight section was also capped out in April 2014. Horizonta progress along the upper level of the rift reaches the final climb down from Windy Inlet into the water in the Gorilla Walk. The trip down to the Gorilla Walk takes around 30 minutes for a party of 2 . The return journey has been known to take significantly longer for tired parties!

The cave appears on the Cueva Hoyuca and the \(f\)
diagram.

On a trip down in wet weather at Easter 2008 there was a sizable stream sinking next to the entrance, rope climb at the bottom of the pitches. The strear
rout then

 anon., 2018 e (C', Cristmas logbook); anon., 2019d
(summer logbook); anon., 202c (summer lo (summer logbook); anon., 2022c (summer logbook)
anon., 2023c (summer logbook); anon., 2023d (autumn logbook)
Entrance pictures : The molephoning and digging activities, Easter 2007 and Easter 2008 : Shoring summer 2013 :
Collapsed entrance, Easter 2015 : entrance July 2016 : renovated entrance, December 2018 : ummer 2023 entrance shaft renovation : finishing Underground pictures : 2008 and 2010 : Ongoing Underground pictures : 2008 and 2010 : On
repairs, Easter 2018 : See also through trip to repairs, Easter 2018 :
Decepción in Matienzo
Video: by Juan Corrin preparations 12 digging
12345 : state of the hole, July 2016 (YouTube
\(\begin{array}{ll}1 & 345 \\ 1\end{array}\) : state of the hole, July 2016 (YouTube)
by Carmen Haskell collapsed dig; by Phil Papard
YouTube)
(YouTube)
by Paul Dold - passing the squeeze
by Phil Papard and Simon Cornhill - the collapsed
Giant Panda, Easter 2015 : Renovating the entrance
August 2023
August 2023 Survey : On Paul Fretwell's latest version
Detailed Survey: On Pau
of the Fours Valleys survey
Line Survey
On area survey :
Survex file : as part of the Hoyuca survey on 4
Survex file : as part of the Hoyuca survey
Valleys file (updated after New Year 2019)
Hydrology (Terry Whitaker): Hoyuca and the 4
Hydroiogy (Terr
Passage direction rose diagram: Four Valleys
Passage
System

2692: Bumble Cave
resnedo 30T 4534814801710 (Datum: ETRS89 ccuracy code: G) Altitude 119 m Area position

Updated 12th October 2007
A "new site" in the Virgin caves area which was dug out to a tight section then 10 m of passage to a draughting dig.

Reference: anon., 2007b (Easter logbook); anon.,
2007d (summer logbook); Corrin Juan, 2007a 2007d (summer logbook); Corrin Juan, 2007a Entrance pictures: ye Underg
Video :
```

deo:
Detailed Survey : sketch

```
Line Survey
On area surve
Survex file
x

2693: shaft
Caburrao 30T 4571024795785 (Datum: ETRS89. Accuracy code: G) Altitude 220 m Length 114 m Depth 23 m
Area position

Updated 8th May 2009; 20th June 202
The cave resides in a doline on the down valley side of the track, the same doline that contains site 0999. (The original GPS grid reference was not correct; the correct grid reference above has been supplied by José Luis Sierra Calvo).

The entrance is a very muddy 11 m climb which is best laddered. A small chamber chokes with calcite and the way on is a muddy hole where the ladder ends. This is a slide down a muddy tube into a 3.5 m wide passage. Ahead, on the left, a calcited ramp rises to a choke. The main passage continues down a \(2 m\) drop and the sandy-
floored passage continues until it lowers an floored passage continues until it lowers anc ends in a small chamber 1 m high by 0.5 m wide.
Eleven metres back from the end on the right is a body-sized hole leading to a tube and a squeeze under calcite at the bottom into a chamber. The roof here is covered in helictites, "antlers" and other fine formations.

A short climb around a block on the right soon chokes. A hole in the floor leads to a steep rift and at the base is a muddy dig where an echo could initially be heard until mud became too liquid. This was excavated on one occasion over Easter 2009 and it is probably worth a further dig in a spell of very dry weather.

Reference: anon., 2007b (Easter logbook); Corrin Juan, 2007a; anon., 2009a (Easter logbook); anon. 2021b (Spring logbook)
 Video :
```

Detailed S

``` Line Survey: On area survey
Survex file : yes (Amended magnetic declination December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014.) X
2694: shaft
S Vega 30T 4507084795218 (Datum: ETRS89 Accuracy code: G) Altitude 308 m Length 89 m Depth 40 m Area position

Updated 22nd September 2021
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\[
\text { A } 0.2 \times 0.2 \mathrm{~m} \text { draughting dig in the hillside }
\] which was opened up for exploration in 2021.

Entrance is now 50 cm diameter. A P4 drop on ladders leads to a slope. There is a sling belay at the bottom of P4 and another one belay at the bottom of P4 and another one on the left side 2 m further down the slope down to P24. The P24 is rigged with 1 bolt at the top, another 7 m down, a deviation 7 m further down, and last drop 10 m . About 5 m above the bottom, it looks like there could be a horizontal continuation towards north. It was reached by pendulum a drilling across but ended after 3 m

From bottom of P24 a boulder slope leads to a C-2, where there is a little grotto with stalactites.
To the south, a climb enters a small passage and two blind pitches, p5 and p7. Tackle: Entrance with ladder. From the bottom of P4, a 40 m rope is needed.

Reference: anon., 2007b (Easter logbook
2021c (summer logbook); Scaife C, 2022 Entrance pictures: July 2021 Underground pictures: July 2021 Under Detailed Survey : pdf July / August 2021 Line Survey
On area survey :
Survex file : July 202

\section*{x}

2695: sink
S Vega 30T 4531144794237 (Datum: ETRS89 Accuracy code: G) Altitude 408m Area position

A sink hole near a tree that needs checking out.

Reference: anon., 2007b (Easter logbook)
Reference: anon.,
Entrance pictures
Entrance pictures:
Underground pictures
Video :
Detailed Survey
Line Survey: On area sur Survex file

2696: shaf
S Vega 30T 4527044794249 (Datum: ETRS89 S Vega 30T 4527044794249 (Datu
Accuracy code: G) Altitude 493 m
Accuracy code: G) Altit
Length 5 m Depth 5 m
Length 5m D
Area position
Updated 4th November 2021
This site is a 3 m deep, \(3 \mathrm{~m} \times 5 \mathrm{~m}\) depression with a tree at the southern end. The shaft is with a tree at the southern end. The
5 m deep with a 0.8 m diameter and it 5 m deep with a 0.8
continues too tight.
Reference: anon., 2007b (Easter logbook); anon.,
2021d (autumn logbook) Reference: anon., 2007b
2021d (autumn logbook) Entrance pictures: October 202 Underground pictures

\section*{Video :}

Detailed Survey
On area survey
Survex file

\section*{2697: shaf}

S Vega 30T 4520774794734 (Datum: ETRS89 Accuracy code: G) Altitude 490 m
Depth 2 m
An undescended 0.3 m diameter pitch that looks about 2 m deep.

Reference: anon., 2007b (Easter logbook) Entrance pictures : Underground pictures Video :
Detailed Survey Line Survey
On Surea sury
Ourvex file : Survex file

A rift in the wall which needs capping.
```

Reference: anon., 2007b (Easter logbook)

```
Entrance pictures : yes
Underground pictures
Underground pictures
Video :
Detailed Survey
Line Survey
On area survey

2699: cave

A fenced, walk-in 2 m deep depression with narrow rifts.

Reference: anon., 2007b (Easter logbook); anon., Reference: anon., 200
2008c (Easter logbook) Entrance pictures : yes Underground pictures Video:
Detailed Survey Line Survey On area survey : Survex file :

X

\section*{2700: shaft}

S Vega 30T 4523254794745 (Datum: ETRS89 S Vega 30T 4523254794745 (Datu
Accuracy code: G) Altitude 458 m Length 10 m Depth 10 m Area position

A 10m deep blind shaft covered by wood. There are rifts in the north and east corners and water can be heard at the northern corner. The shaft is \(3 \times 3 \mathrm{~m}\) at the bottom

Reference: anon., 2007b (Easter logbook); anon., 2008c (Easter logbook Entrance pictures: yes
Underground pictures :
```

Video:

```
Detailed Survey
Detailed SuI
Line Survey
On area survey
Survex file :
x
2701: shaft
S Vega 30T 4523374794747 (Datum: ETRS89
S Vega 30T 4523374794747 (Dat
Accuracy code: G) Altitude 455 m
Accuracy code

Updated 17th April 2008
A fenced, "walk-in shaft".
Reference: anon., 2007b (Easter logbook); anon., 2008c (Easter logbook) Entrance pictures: yes Underground pictures
Video:
Detailed Survey
Detailed Sur
On area survey :
Survex file
X
2702: shaft
S Vega 30T 4522924794710 (Datum: ETRS89.
S Vega 30T 4522924794710 (Datu
Accuracy code: G) Altitude 480 m
Area position
A "shaft". Undescended
Reference: anon., 2007b (Easter logbook)
Reference: anon., 2007
Entrance pictures : yes
Underground pictures
Video:
Detailed Survey
Line Survey
On area surve
Survex file :
X
2703: shaft
S Vega 30T 4522704794710 (Datum: ETRS89
Accuracy code: G) Altitude 484 m
Accuracy cod
Area position

A "shaft". Undescended.
```

Reference: anon., 2007b (Easter logbook)
Reference: anon., 2007b
Video:
Detailed Surve
Detailed Sury
On area survey
Survex file :
x
2704: shaft
S Vega 30T 4522424794581 (Datum: ETRS89,
S Vega 30T 452242 4794581 (Dat
Accuracy cod
A "shaft". Undescended
Reference: anon., 2007b (Easter logbook)
Entrance pictures: yes
Underground pictures
Undergr
Video:
Detailed Sur
On area survey :
On area surv
x
2705: shaft
S Vega 30T 4518194794144 (Datum: ETRS89.
S Vega 30T 4518194794144 (Dat

```
Accuracy code

A "shaft". Undescended.
Reference: anon., 2007b (Easter logbook) Entrance pictures : yes
Underground pictures Underground pictures Video: Detailed Survey
Line Survey :
Line Survey
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```

On area surv
Survex file

```
2706: cave
Fresnedo 30T 453509 4800897 (Datum: ETRS89.
Accuracy code: G) Altitude 240 m
Length \(2 m\)
Area position
The entrance lies in a small scar. A 2 m crawl
goes 2 m to a cross joint and a low arch. It is
possible to see another 3 or 4 m but it
requires digging.
Reference: anon., 2007b (Easter logbook)
Entrance pictures : yes
Underground pictures :
Video
Detailed Survey
Line Survey
On area surv
Survex file
2707: cave
Fresnedo 30T 4536774800907 (Datum: ETRS89
Accuracy code: G) Altitude 255 m
Length 3m
Area positior
This site is on the opposite side of the valley
from Cueva de Tejas, site 163. A 3 m
diameter by 1 m high chamber.
Reference: anon., 2007b (Easter logbook)
Entrance pictures: yes
Video :
Detailed Survey
Line Survey :
On area survey
Survex file
2708: cave
Llueva 30T 4546884798230 (Datum: ETRS89,
Accuracy code: G) Altitude 143 m
Length 6 m
Area position
Updated 3rd May 2012
A \(6 \times 4 \mathrm{~m}\) choked cave below the road.
Reference: anon., 2007b (Easter logbook); anon.,
2012b (Easter logbook
Entrance pictures : y
Undergr
Video :
Video:
Detailed Survey
Line Survey
On area surv
Survex file
2709: shaft
La Secada 30T 4528684798155 (Datum: ETRS89
Accuracy code: G) Altitude 191 m
Length 3 m Depth 3 m
Length \(3 \mathrm{~m} \mathbf{D}\)
Area position

Updated 22nd May, 30th September 2017; 20th September 2022

An undescended " 5 m " shaft in a largish depression to the northwest of the channe through the woods. In May 2017, it wa: noted that rocks needed removing for access. An earlier GPS reading is 307 4528714798142 (Datum: ETRS89) When descended, the drop turned out to be about 2.5 m to fill with no immediate prospects.

Reference: anon., 2007b (Easter logbook); ano 2017b (Easter logbook); anon., 2017c (sumr
logbook); anon., 2022c (summer logbook)
Survex file

\section*{2710: hole}

Riaño 30T 4524524799791 (Datum: ETRS89. Accuracy code: G) Altitude 214 m Area position

A small construction in a field with a fork and spoon cemented on the top. The site draughts well.

Reference: anon., 2007b (Easter logbook) Entrance pictures
```

Underground picture

```
Video
Detailed Survey
Line Survey
On area survey
On area sur
Survex file


\section*{2711: hole}

\section*{Accuracy code
Area position}

A draughting hole.
Reference: anon., 2007b (Easter logbook) Reference: anon.,
Entrance pictures:
Underground pictur Underground pict
Video: Detailed Line Survey : On area surve Survex file :

2712: dig
N Vega 30T 4501234795973 (Datum: ETRS89 N Vega 30T 4501234795973 (Dat
Accuracy code: G) Altitude 302 m Area position

Updated 24th November 2013
A small collapse
Reference: anon., 2007b (Easter logbook); anon., 2013e (autumn logbook)
Entrance pictures: yes
Underground pictures
Video :
Line Survey:
On area surve Survex file :

\section*{x}

2713: Toca, Cueva (Laureano,
Cueva)
Solórzano 30T 4534134804605 (Datum: ETRS89. Accuracy code: G) Altitude 142 m Length 266 m Depth 19 m Area position

Updated 12th October 2007; 16th May 2009; 3rd December 2016; 15th May 2019

A cave, then outside of the Matienzo permission area, explored and surveyed by invitation of Juanito in 2007. A steeply sloping entrance leads to a crawl through to a ramp which requires a line and leads to a ramp which requires a line and leads to
the lower series. (No more description in the log book).
The cave was first explored in the 1980's The cave was first explored in th
and archaeological discoveries are and archaeological discoveries are summarised in Ruiz Cobo Jesús and Muñoz Fernández Emilio et al, 2009 with a survey
from that time. from that time.
The entrance position was corrected (by a couple of hundred metres!) in November 2016.

A trip in April 2019 looked at possible digs and climbs in the cave.

Reference: Muñoz E, 1988; anon., 2007b (Easter logbook); Corrin Juan, 2007a; Ruiz Cobo Jesús and Muñoz Fernández Emilio et al, 2009 (survey); pers comm 2016; anon., 2019 b (Easter logbook) Entrance pictures : yes
```

Underground pictures : y

```
Video:
Detailed Survey : 1:500 pdf
Detailed Sur
On area survey
Survex file : yes (Amended magnetic declination Survex file : yes (Amended magnetic declina December 2013 to align with Eur79 grid and
coordinates altered to fit ETRS89 datum, April 2014.) \(x\)
2714: dig
La Collada 30T 4487474799183 (Datum: ETRS89, La Collada 30T 4487474799183 (
Accuracy code: G) Altitude 365 m
Area position

A small depression in a limestone outcrop that has a 0.6 m wide rift with a sandstone boulder cap and no draught. The grid reference is suspect.
```

Entrance: anon., 2007b (Easter logbook)
Entrance pictures : ye
Underground pictures
Video:
Detailed Survey
Detailed Su
On Survey:
Survex file
x
2715: dig
La Collada 30T 4486754799188 (Datum: ETRS89. Accuracy code: G) Altitude 375 m
Area position

```

A small depression in a clump of trees near to a concrete water butt. Possibly covered by the farmer. The grid reference is suspect
```

Reference: anon., 2007b (Easter logbook)

```
Entrance pictures:
Underground pictures
Video:
```

Video:

```
Detailed Survey :
Line Survey
On area survey :
Survex file :
X
2716: shaft
2716: Shaft
La Collada 30T 4485504799215
Accuracy code: G) Altitude 380 m
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\section*{Length 6 m Dep
Area position}

This site is situated just below the
This site is situated just below the
overgrown path. A 1 m wide by 10 m long rift overgrown path. A 1 m wide by 10 m long rift
that is 4 m deep. The rift widens at the base that is 4 m deep. The rift widens at the base into a slight undercut. Small stones rattle down for 5 seconds in a small gap. The site checked out in December 2012 and capped out at Easter 2013 revealing a 3 m deep, round, choked shaft.

Reference: anon., 2007b (Easter logbook); anon Reference: anon., 2007b (Easter logbook); anon
2012 f (Christmas logbook); anon., 2013b (Easter logbook)
Entrance pictures : yes Underground pictures : December 2012 : Easter
2013
Video
Video :
Detailed Sur
On area surve
On area sur
Survex file

Reference: anon., 2007b (Easter logbook); anon.,
2016e (Christmas logbook) i6e (Christmas logbook)
```

Reference: anon., 2007b (Easter logbook)

```
Reference: anon., 2007b
Entrance pictures : yes
Underground pictures :
Underg
Video:
Detailed Survey
Line Survey
On area survey :
On area sur
Survex file :
X
2722: cave
2722: CaVe
La Collada 30T 4482374799417 (
Accuracy code: G) Altitude 396 m
Accuracy cod
Length 8 m
Area position
Updated 5th July 2009
A cave about 8 m long with no obvious leads.
Reference: anon., 2007b (Easter logbook)
Entrance pictures : yes
Underground pictures : yes
Video :
Detailed Survey
Line Survey
On area surve
Survex file :
x
2723: shaft
La Collada 30T 4483164799398 (Datum: ETRS89.
Accuracy code: G) Altitude 396 m
Area position

The grid reference is suspect. An undescended "open shaft".
```

Reference: anon., 2007b (Easter logbook)
Entrance pictures : yes
Underground pictures
Video:
Detailed Survey
Detailed Sur
Oine Survey :
Survex file:
x
2724: shaft
La Collada 30T 448504 4799393 (Datum: ETRS89,
La Collada 30T 448504 4799393(
The grid reference is suspect. An undescended "open shaft".

```
```

Reference: anon., 2007b (Easter logbook)

```
Reference: anon., 2007b (Easter logbook)
\begin{array} { l } { \text { Reference: anon., 2007b } } \\ { \text { Entrance pictures : yes } } \\ { \text { Underground pictures :} } \\ { \text { Video: } } \end{array}
\begin{array} { l } { \text { Reference: anon., 2007b } } \\ { \text { Entrance pictures : yes } } \\ { \text { Underground pictures :} } \\ { \text { Video: } } \end{array}
Video:
Video:
Detailed Survey
Detailed Survey
Detailed Sur 
Detailed Sur 
On area survey :
On area survey :
Survex file
Survex file
X
X
\ 2725: Shaft 
\ 2725: Shaft 
La Coliada 30T 448394 4799399(
La Coliada 30T 448394 4799399(
Accuracy code
Accuracy code
Updated 25th January; 13th March }201
```

Updated 25th January; 13th March }201

```

The grid reference is suspect. Two holes in a The grid reference is suspect. Two holes
depression; both in sandstone and both depression; both in sandstone and b
around 4 m long, needing digging to around 4 m long, needing digging to
progress further. Originally described as an undescended "open shaft".
```

Reference: anon., 2007b (Easter logbook); anon.,

```
Reference: anon., 2007b
2012f (Christmas logbook)
Entrance pictures: yes
Entrance pictures: ye
Underground pictures
Underground pictures
Video : yes (YouTube)
Video : yes (YouT
Detailed Survey :
Line Survey :
On area survey :
On area sury
Survex file :
x
2726: shaft
La Collada 30T 448543 4799323 (Datum: ETRS89.
La Collada 30T 4485434799323 (
Accuracy code: G) Altitude 402 m
Area position
Updated 25th January 2013

The grid reference is suspect. An interesting rabbit hole that will need digging. Originally described as an undescended "open shaft".

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\section*{```
2012f (Christmas ', 2007b (Easter logbook); anon.
```}
Entrance pictur
Entrance pictures : yes
Underground pictures
Video :
Detailed Survey
Detailed Sur
Line Survey
Line Survey :
On area sur
Survex file

\section*{2727: shaf}

La Collada 30T 4487804799297 (Datum: ETRS89 Accuracy code: G) Altitude 360 m

\section*{Accuracy code
Area position}

A rift choked with mud where it is possible to see past for 2 m .

Reference: anon., 2007b (Easter logbook) Entrance pictures : yes
Underground pictures
Video :
Detailed Survey
Line Survey
On area survey
Survex file
2728: shaf
2728. Shaft
La Collada 30T 4483624799293
Accuracy co
Depth 2 m
Area position

A fluted shaft in limestone, \(2 \mathrm{~m} \times 1 \mathrm{~m}\) and 2 m deep. There are small rifts going off
```

Reference: anon., 2007b (Easter logbook

```
Entrance pictures
Underground pictur
Underg
Detailed Survey
Line Survey
On area surv
Survex file
2729: shaft
La Collada 30T 4483624799294 (Datum: ETRS8
La Collada 30T 4483624799294
Accuracy code
Area position

A capped shaft 1 m from site 2728. A 4 m ladder climb reaches a rocky floor and the ladder climb reaches a rocky floor and the rift continues down another 4 m too tight to a rock floor. This could be enlarged - there is a draught.

Reference: anon., 2007b (Easter logbook)
Entrance pictures
Underground pictures

A body-sized entry leads immediately to a 1 \(\times 2 \mathrm{~m}\) tube at the top widening progressively to 4 m diameter at the bottom. A promising dig.

Reference: anon., 2007b (Easter logbook)
Reference: anon.,
Underground pictures
Video:
Detailed Survey
Line Survey : On area surv
Survex file :

2731: dig
\[
\text { Muela 30T } 4540424796333 \text { (Datum: ETRS89. }
\]
\[
\begin{aligned}
& \text { Accuraty cod } \\
& \text { Length } 4 \mathrm{~m}
\end{aligned}
\]
\[
\begin{aligned}
& \text { Length } 4 \mathrm{~m} \\
& \text { Area positior }
\end{aligned}
\]

A 4 m long open cave with an easy dig to a visible continuation

Reference: anon., 2007c (Whit logbook); Corrin
Entrance pictures: yes
Entrance pictures: ye
Underground pictures
Video :
Detailed Survey
Line Survey
On area survey Survex file

\section*{2732: dig}

S Vega 30T 4519544794662 (Datum: ETRS89 Accuracy code: G) Altitude 495 m Area position

Updated 9th May 2018
A small shakehole contains a bouldery dig on the right.

Reference: anon., 2007d (summer logbook); anon.,
2018b (Easter logbook) isb (Easter logbook) leads up from the farm at the N side of Muela. The entrance is found where the rack rises up on the right at a junction above the farm and past the water trough. A 5 m deep pot with sharp rock and choked rifts in the floor. (A cave above is part of the same cave).
This site was encountered while searching for a supposed archaeological site. The track incurred the wrath of many a local, who decided that the cave maybe of special scientific interest and it might be used to halt progress of the
disliked track. Some local archeologists were disliked track. Some local archeologists were brough in to study the cave. They claimed it was nothing
special, so the electricity board covered over the special, so the electricity board covered over the
entrance and continued with the track Although it entrance and continued with the track Alt
has been entered by some local spanish archeologists, very little is known as to the extent of the passage presumably very little, however there is a faint draught]

Reference: anon., 2007d (summer logbook); Corrin Juan, 2007a
Entrance pictures : yes
Inderground pictures
Video
Detailed Surve
On area surve Survex file
x
2734: shaft
N Vega 30T 4494964796155 (Datum: ETRS89 Accuracy code: G) Altitude 381 m Length 2 m D

A \(2 m\) drop under a sloping slab to a tiny, unexplored hole

Reference: anon., 2007d (summer logbook); Corri Juan, 2007a
Entrance pictures : yes Underground pictures Video: Line Survey:
On area surve)
Survex file
x
2735: shaft
N Vega 30 T 4494384796095 (Datum: ETRS89. Accuracy code: G) Altitude 400 m Length 5 m Depth 4 m
Area position
The entrance is in a grassy shakehole. A 4 m deep pot drops to a mud-floored rift.

Reference: anon., 2007d (summer logbook); Corrin Juan, 2007a
Entrance pictures : yes Underground pictur Video
Detailed Survey Line Survey Survex file :

An open hole 12 m west of the entrance to Slaves' Cave (site 2738) is the top of a \(2 m\) climb down (handline useful) onto a steep slope and a junction with a passage on the right which ends quickly at the foot of a small shaft up to daylight 4.5 m above. The way on continues as a slope and passes MATIENZO UNDERGROUND - site descriptions (printed 19/02/2024
three small ways off to the left (two of which are a small oxbow) before reaching a
junction. To the right ends at a small 'chamber' with a choke and the draught coming up through boulders along the left wall, whilst to the left leads through a small passage to a further junction. Straight passage to a further junction. Straight ahead leads along a crawl to a choke only a metre away from a choked side passage in Slaves Cave, whilst the main way on lies to the right. This enlarges and reaches a wid section with a channel leading down between slopes up on either side to end at a choke. Off to the right near the start of the channel is a further passage which slopes up to end in a choke
In the same area as Freedom Pot and Slaves' Cave are one or two other small holes that draught and which might repay some work to gain access.

\section*{Reference:
Juan, \(2007 a\)} Entrance pictures : Underground pictures Video Detailed Survey : 1:500 pdf with adjacent site 2738, Slaves' Cav On area surve
Survex file : stand alone (Amended magnetic declination December 2013 to align with Eur79 gri and coordinates altered to fit ETRS89 datum, April 2014.)
2737 \& 2737 \& 2738 (Amended magnetic declinatior
December 2013 to align with Eur December 2013 to align with Eur79 grid and 2014.)

\section*{2738: Slaves' Cave}
rresnedo 30T 4538904801834 (Datum: ETRS89 ( Length 214 m
Area position

Updated 4th October 2008
The entrance, in a wooded area, is a steep mud slope under a small rock face where a handline is a help. Tight for the first few metres, it quickly enlarges to walking size passing a stal grotto on the left. At the foot of the slope is a further group of stals in an alcove on the left, whilst a small passage on the right quickly ends in a choke only a metre from one of the side passages in metre from one of the si
Freedom Pot (site 2737)
Freedom Pot (site 2737). The main way continues walking size, passing a climb to a short length of choked passage up to the left, to reach a traver over a hole in the floor. This has been enlarged to allow access down it for 6 m but more work is needed to reach the floor. A good outward draught was noted here in hot weather.
Beyond the traverse further walking leads up a slope to a mud choke. This has been dug for a short distance but looks as if it may swing round to the left to join the top of the pitch gained through an enlarged crawl up in the left wall a few metres back Through the strongly draughting crawl the 8 m pitch is too tight 5 m down. There is a sound connection between this pitch and the hole under the traverse
In the summer 2008, a breakthrough was made down a p9 to the streamway. This has made down a p9 to the streamway. This been described as typical Yorkshire-type cave, ie rifts, small chambers, some stal and tight crawls, draughting well. Upstream and Ref
Jua
Co
E
U
Vid
D
27
Lin
O
S
de
an
20
27
De
Reference: anon., 2007d (summer logbook); Corrin
Juan, 2007a; anon., 2008e (summer logbook);
Corrin Juan Juan, 2009 Entrance pictures : yes
Underground pictures :

The entrance lies at the lowest point of the depression, at the foot of a large, normally dry valley. A 2 m climb down through tree branches leads to a steeply sloping passage with two small passages off to the right and a larger route to the left.
passage running two ways at a T junction and not pushed to a conclusion, and slopes down steeply with the dip of the beds to end at a dig. ack at the entrance the left hand small passage can be followed through a tight pop out in a much larger passage. To the to pop out in a much larger passage. To the right ends quickly, whilst to the left is a phreatic tube which drops gently nearly on the strike. Hands and knees crawling gives way to walking, as a number of over-tight hoked inlets join down the steeply dipping beds from the right. There are also a number of steeply sloping outlet passages dropping on down the bedding under the left wall and these unite in a small sump. At a sudden change in passage direction the way on becomes a steep ramp down the dip before meeting a fault. A 5 m climb in the roof here leads to about 20 m of passage heading in a south westerly direction, with a possible continuation in the opposite
direction but which needs protection to gain entry
Only a few metres beyond the fault a junction is met. To the right meets a narrow rift passage at a \(T\) junction, with the way on to the left blocked by a dangerous swinging slab and the right extension remaining slab and th
To the left in the main passage continues, to To the left in the main passage continues, tc
end currently where it splits into two small end currently where it splits into two small
routes with the draught coming from the left hand one.
In the summer of 2008 the swinging slab In the summer of 2008 the swinging slab
was passed and protrusions knocked off the was passed and protrusions knocked off the
walls to make the tight route passable. This walls to make the tight route passab chambers. The route ends with fine walking passage and a sump.

Link to entry in the Cave Diving Sump Index. Reference: anon., 2007d (summer logbook); Corrin
Juan, 2007a; anon., 2008e (summer logbook);
Corrin Juan, 2009 . Corrin Juan, 2009
Entrance pictures: yes
Underground pictures : yes
Underg
Detailed Survey : 1:500 pdf file
Line Survey
On area survey :
Survex file : yes (Amended magnetic declination Survex fie : yes (Amended magnetic declina December 201 tea align with Eur79 grid and
coordinates altered to fit ETRS89 datum, April 2014.
x

\section*{2740: cave}

Seldesuto 30T 4489684794799 (Datum: ETRS89. Accuracy code: G) Altitude 285m Length 24 m
Area position

An excavated entrance leads to a short descending crawl to the enlarged head of a 7 m pitch. From the chamber at the bottom, there is a suggestion of a higher passage which is difficult to access.

Reference: anon., 2007d (summer logbook); Corrin Juan, 2007a
Entrance pictures : yes
Underground pictures :
Video : yes (14Mb wmv)
Video : yes (14Mb wmv)
Detailed Survey : 1:500 pdf fil Detailed Sur
Line Survey Line Survey:
Survex file : yes (Amended magnetic declination Survex file : yes (Amended magnetic declina
December 2013 align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014

\section*{x}

\section*{2741: Callejón de Seldesuto 2}

\section*{(Seldesuto, Cueva de)}

Seldesuto 30T 4489564794847 (Datum: ETRS89. Accuracy code: G) Altitude 259m Length 10 m Depth 4 m
Area position
Updated 15th, 20th November, 23rd
December 2008; 8th May 2009; 19th November 2010; 30th November 2016; 8th January 2020

An open, walk-down entrance in the woods to the southwest of Cueva Arenal. The slope enters a boulder-floored chamber The slope enters a boulder-floored chamb
and down on the right in an alcove were some bones from 2 infants, including skull fragments. These have been removed and ragments. These have been removed and given by the Consejería a Cultura given by the Consejería de Cultura.
The remains were given to Francisco Etxeberria a renowned expert in forensics. (A past-president of the Aranzadi Science Society, director of the Department of Physical Anthropology and professor of Legal and Forensic Medicine at the University of the Basque Country School of Medicine.) Carbon-14 dates have come back but, unfortunately, the dates range from 60 years ago to the 17th century. (Results pdfs NA377 and CNA378).
In late 2010 the DNA report concluded that the infants belong to the same haplotypes in the control region of the mitochondrial DNA, and statistically that's MATIENZO UNDERGROUND - site descriptions (printed \(19 / 02 / 2024\)
88.24 times more likely that they come from
the came maternal lineage than if thev were the same maternal lineage than if they were taken at random from the reference population. They must be siblings. But apart from that they couldn't get any more from that they couldn't get any
information from the samples. Reference Smith P et al, 2015 has a summary of the archaeological work carried out within 2004-2016 and has a table of radio-carbon and thermoluminesence dates.
Reference: anon., 2007d (summer logbook); Corrin
Juan, 2007a; anon., 2008f (autumn logbook); Ruiz Juan, 2007a; anon., 2008 f (autumn logbook); Ruiz
Cobo Jesús et al, 2008 (survey); Corrin Juan, 2010 . Cobo Jesús et al, 2008 (survey); Corrin Juan, 2010
Smith P and Etxeberia F et al, 2012; Smith Peter 2012; Smith P et al, 2015; Smith Peter, Etxeberrí Francisco, Martínez de Pancorbo y Cardoso Sergio, 2016
Entrance pictures : yes
Underground pictures : yes, including bone and carbon removal
Videos : by Juan Corrin Bones (31Mb); excavatino the remains (10Mb) the remains (10Mb)
Detailed Survey : 1:500 pdf file Detailed Sury On area survey
Survex file : yes (Amended magnetic declination December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014. )

An excavated sloping shaft that drops 9.2 m to the floor A small draught enters from the lowest point. The walls of the chamber are covered in yellow lichen
In 2009, the site was found collapsed and it
In will take a day to dig it out again

Reference: anon., 2007d (summer logbook); Corrin Reference. 2007a; anon., 2009c (summer logbook
Juan, Entrance pictures Underground pictures : yes
Video:
Detailed Survey : sketch Line Survey : On area sur
Survex file

\section*{2743: sink}

Seldesuto 30T 4485264794652 (Datum: ETRS89 Accuracy code: G) Altitude 332 m
Area position Area position

Updated 23rd May 2014
An alternative GPS reading is ETRS89 0448535479462
A wet weather stream sink that draughts Some excavation and stabilisation has happened but much more digging is required.

Reference: anon., 2007d (summer logbook); Corrin Juan 2007a; anon., 2014b (Easter logbook) Entrance pictures : yes
Under
Detailed Survey
Line Survey
On area surv
Survex file

2744: diq
Seldesuto 30T 4486224795186 (Datum: ETRS89 Accuracy code:
Area position

A 10m high scar rises from the base of shakehole high above the entrance to Torcón de la Calleja Rebollo, site 258, The are a number of interesting digging spots at the base, but no apparent draught.
```

$$
\begin{array} { l } { \text { Reference:} } \\ { \text { Juan, 2007a} } \end{array}
$$

```
Juan, 2007a
Entrance pictures : yes
Underground pictures
Video :
Detailed Survey
Line Survey:
On area survey
On area sur
Survex file

2745: Blow Dry
Riaño 30T 4521444800354 (Datum: ETRS89. Accuracy code: G) Altitude 279 m
Area position at the entrance.

\section*{Reference:}

Reference: anon., 2007d (summer logbook); Corrin Juan, 2007a Entrance pictures : yes Underg
Video :
```

Detailed Surve

```
Line Survey :
On area surve
Survex file
X
2748: cave
Iueva 30T 454805 4797033 (Datum: ETRS89
Accuracy code: A) Altitude 465 m
Length 2 m Depth 2 m
Area position
Updated 26th April 2013
A 2 m deep choked hole.
Reference: anon., 2007d (summer logbook); Corrin
Reference:
Juan, 2007a
Entrance pi
Entrance pictures: yes
Underground pictures:
Video :
Detailed Surve
Line Survey:
On area survey
Survex file :
x
2749: diq
Ideopuerta 30T 4463584795674 (Datum: ETRS89
Ideopuerta 30T 4463584795674
Accuracy code: G) Altitude 379 m

Updated 18th October 2015
A narrow rift some 10 m from the track. The passage closes down to a narrow rift which passage closes down to a narrow rift which
has a good draught but is not worth further effort.

Reference: anon., 2007d (summer logbook); Corrin Reference: anon., 2007d (summer logbook);
Juan, 2007a; anon., 2015d (autumn logbook) Entrance pictures : yes Underground pictures : yes
```

Video:

```
```

Line Survey :

```
On area surve
Survex file :
x
2750: dig
Ideopuerta 30T 4463734795682 (Datum: ETRS89
Accuracy code: G) Altitude 389 m
Area position

Updated 18th October 2015
A climb down into a collapsed cave with shattered formations. A small hole with a solid roof has been dug but it ends in a small hole full of rubble which is not worth further work.
```

Reference: anon., 2007d (summer logbook); Corrin
Reference: anon., 2007d (summer logbook); C
Entrance pictures : yes
Video:
Video:
Line Survey :
On area survey :
Survex file :
x
2751: dig
2751: dig
Accuracy code: G) Altitude 358m
Area position
Updated 28th April 2012; 19th September
2013; 18th April }201

```

A man-made entrance to a soft, moist sandy floor and a good draught. Probably used as a fridge.

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The strongly draughting site was excavate at Easter 2012 to a narrow slot to where snappers would be needed to progress. It

Reference: anon., 2007d (summer logbook); Corrin Reference: anon., 2007d (summer logbook); Corl
Juan, 2007a; anon., 2012b (Easter logbook); anon
2013d (summer logbook); anon., 2016b (Easter 2013 d (summer logbook); anon., 2016b (Easte here)
Entrance pictures : yes, 2007 and 2013 Entrance pictures : yes,
Underground picturesneed enlarging for at least 4 m .
Reference: anon., 2007d (summer logbook); Corrin Reference: anon., 2007d (summer logbook);
Juan, 2007a; anon., 2012d (summer logbook); Corrin Juan, 2013a

\section*{2755: sink}

La Vega 30T 450790 4795715 (Datum: ETRS89 Accuracy code: G) Altitude 165 m

\section*{Area position}

A couple of sinks located in the bed of the river, noted in 2006 during the summer dry period and visited with Juan Carlos Fernández Gutiérrez during the summer 2007, when tiny "whirlpools" were seen. The farmer tries to keep the sinks choked so that water flows to the rest of the land towards Cueva del Molino.
\(\frac{2756: \text { shaft }}{\text { monche }}\) Accuracy code: G) Altitude 500 m Area position

A 30 cm wide rift which enlarges slightly With loose boulders and a soil floor, this site With loose boulde
is not promising.

Reference: anon., 2007d (summer logbook) Entrance pictures : yes Underground pictures : Video: Line Survey : on area surve Survex file :

\section*{x}

\section*{2757: shaft}

Moncobe 30T 4457754796000 (Datum: ETRS89. Accuracy code: G) Altitude 443 m Length 5 m Depth 5 m Area position

Updated 11th December 2018; 7th January 2023

A free climb with jagged rock. At 3 m depth there is a boulder floor with loose fill. Around the edges, a further 1.2 m drop ends at a flat floor in a an area with an undercut there is a visible space of about 0.5 m floor to ceiling. There is a draught and this is an easy dig with rope and wire.

In October 2018, it was thought that the site "may repay further attention"

When visited in October 2022, the dig was found to be more complex and difficult than suggested by the original description. Loose material was removed and a large boulder repositioned. It is definitely worth a return but requires capping gear and a bigger team. On the day, the draught was gentle outward on arrival and later changed to a stronger inward draught.

Site 5312 is just above at the base of an outcrop.

Reference: anon., 2007d (summer logbook); anon 2018d (autumn logbook); anon., 2022e (Christmas 2018d (autumn logbook); anon., 2022
logbook)
Entrance pictures : 2007 and 2022 Entrance pictures : 2007 and
Underground pictures : yes Video:
```

Detailed Sur
Line Survey :

```
On area survey :
Survex file :
x
2758: shaft
2758: Shaft
Moncobe 30T 4459244796243 (D
Accuracy code: G) Altitude 334 m
Length 2 m Depth 2 m
Area position

Updated 14th January 2012
A free climb in a 2.5 m deep, 1 m by 0.5 m rift with a floor of compacted stone and gravel. No potential. Site 3607 is 5 m to the east.

Reference: anon., 2007d (summer logbook); anon.
2011f (Christmas logbook) 2011f (Christmas logbook) Entrance pictures : ye

\section*{Video :}
```

Detailed Survey :

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Line Survey
On area surve
Survex file :
x

\section*{2759: shaft}

Riaño 30T 4517754801036 (Datum: ETRS89
Accuracy code: G) Altitude 231 m
Length 2 m
Area position
Situated at the head of a broad, shallow valley, just over the fence into a wooded area and covered with timber, this is a hole in soil with no sign of bed rock.

Reference: anon., 2007d (summer logbook) Entrance pictures Underground pictures Video: Detailed Survey Line Survey Survex file :

One of a set of possible digs (the others are
sites \(2761,2762,2763,2764,2765\) ) above sites \(2761,2762,2763,2764,2765\) ) above the Nacimiento del Campiazo, site 1106. This one is a strongly draughting, tight slot down under a rock outcrop on the side of a MATIENZO UNDERGROUND - site descriptions (printed 19022/2024)
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e depression just below the road. The slot appears to open out about 2-3m down.
Video :
Detailed Survey
Detailed Su
On area survey
On area sur
Survex file
2761: cave
2761: CaVe 4801771 (Datum: ETRS89
Solorrzano \(30 T 4520394801771\)
Accuracy code: G) Altitude 167 m
Accuracy coc
Length 5 m
Area position
Updated 28th April 2012

One of a set of possible digs (the others are sites 2760, 2762, 2763, 2764, 2765) above sites 2760, 2762, 2763, 2764, 2765) above the Nacimiento del Campiazo, site 1106. A Easter 2012 it was described as a pair of openings, 3 m apart. The right hand one is a squeeze into 2 m of passage to a left turn where a soil and stone choke has a voice was a faint draught in along with lots of stal was a faint draught in along with lots of stal / flowstone and a bat.

Reference: anon., 2007d (summer logbook); Corrin
Juan, 2007a; anon., 2012b (Easter logbook) Reference: anon., 2007d (summer logbook)
Juan, 2007a; anon., 2012b (Easter logbook) Entrance pictures Underground pictures Video:
Detailed Survey
On area sur
On area sur
Survex file
2762: dig
Solórzano 30T 4520384801899 (Datum: ETRS89
Accuracy code: G) Altitude 140 m
Area position

Updated 23rd May 2014
One of a set of possible digs (the others are sites 2760, 2761, 2763, 2764, 2765) above the Nacimiento del Campiazo, site 1106

\section*{2763: dig}

Solórzano 30T 4520644801885 (Datum: ETRS89 Accuracy code: G) Altitude 134 m
Length 3 m
Area position
Updated 23rd May 2014
One of a set of possible digs (the others are sites 2760, 2761, 2762, 2764, 2765) above sites 2760, 2761, 2762, 2764, 2765) abov
the Nacimiento del Campiazo, site 1106 . the Nacimiento del Campiazo, site 11 This one is a dig into a bedding in an undercut with 3 m visible. At Easter 2014, this was described as a " 2 m slot to a mud choke"

Reference: anon., 2007d (summer logbook); Corrin Reference: anon., 2007d (summer logbook
Juan, 2007a; ano., 2014b (Easter logbook) Entrance pictures Underground picture
Video :
Detailed Survey Line Survey Survex file

\section*{2764: dig}
2016b (Easter logbook)
Entrance pictures : y
Entrance pictures : yes
Underground pictures
Video:
Video:
Detailed Surve
Line Survey
On area surve
Survex file :
Survex file
X
2765: dia
Solórzano 30T 4521364801870 (Datum: ETRS89.
Accuracy code: G) Altitude 117m
Accuracy code
Length 3 m
Area position
Updated 23rd May 2014

One of a set of possible digs (the others are sites \(2760,2761,2762,2763,2764\) ) above the Nacimiento del Campiazo, site 1106 This one is beside an old track under a shattered outcrop. One block needs a bar to move it to enter a rift. In April, 2014 this was entered through a tight squeeze to 3 m of passage to a mud choke.

Reference: anon., 2007d (summer logbook); Corrin Juan, 2007a; anon., 2014b (Easter logbook) Jan, 2007a; anon., 201 Entrance pictures: yes

\section*{Video :}

Detailed Survey : Line Survey On area surve Survex file :
x
2766: cave
Fresnedo 30T 4525184801161 (Datum: ETRS89, Accuracy code: M) Altitude 238 m Length 11 m Area position

Updated 24th September 2018
The grid reference was confirmed in August 2018.

A walk-in entrance down into a 2.5 m chamber with calcited blocks to the right. There are a couple of pieces of red pottery or tile down a hole on this side.

Reference: anon., 2007d (summer logbook); Corrin Reference: anon., 2007d (summer logbook); C
Juan, 2007a; anon., 2018c (summer logbook) Juan, 2007a; anon., 2018c (summer Underground pictures : 2007: 2018 Video :
```

Detailed Sur

```
Line Survey:
On area surve
Survex file
Survex file
X
2767: dig

Fresnedo 30T 4525584801161 (D
Accuracy code: M) Altitude 237 m
Area position

A dig in to a very low crawl.
Reference: anon., 2007d (summer logbook); Corrin
Reference: an
Juan, 2007a
Entrance pictures
Underground pictures
Video :
```

Detailed Surve
Line Survey :

```
On area survey :
Survex file
x
2768: shaft
2768: Shaft
Ideopuerta 30 T 4465104796224
Length 12 m Depth 12 m
Area position

Updated 15th April 2008; 26th April 2013
A shaft pointed out by the farmer from the opposite hillside. It is reputed to be a "deep shaft" situated just below a stand of eucalyptus and below the track. Despite a couple of searches, it was not found until Easter 2013 when it was shown to cavers by
Eat Easter
a local. The site turned out to be 12 m deep.

Reference: anon., 2007d (summer logbook); anon. 2007e (autumn + Christmas logbook); anon., 2013b 2007e (autumn
(Easter logbook) (Easter logbook)
Entrance pictures : yes
Underground pictures: Entrance pictures :
Underground pictur
Video : Detailed Surve
Line Survey:
On area survey On area surve
Survex file Survex file
x
2769: shaft
Fresnedo 30T 4538784801841 (Datum: ETRS89 Fresnedo 30T 4538784801841 (
Accuracy code: U) Altitude 145 m
Accuracy
Depth 3
Area position
A dig near to site 2738 that needs a return with a ladder and GPS.

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\section*{Reference:
Juan, 2007 \\ Fnt, 2007a} Entrance pictures : y Video :

\section*{2770: dig}

La Secada 3014515364797381 (Datum: ETRS89 Accuracy code: G) Altitude 167 m

\section*{Length 9m}

Area positio
Updated 4th October 2008; 25th September 2023

A 4 m long grovel that was dug in two places in the summer 2023, both of which seemed to be closing down. This has also been positioned at 30T 04516384797600 ; ETRS89: 30T 4515364797391

Reference: anon., 2007d (summer logbook); anon Reference: anon., 2007d (summer logbook); and
2008e (summer logbook); anon., 2023c (summer logbe (s
log
Entrance pictures : yes
Underground pictures:
Video
Detailed Survey
Line Survey
On area survey
Survex file

2771: cave

A possible cave or dig that requires gear to get past brambles

\section*{2772: shaf}

Ideopuerta 30T 4465874796021 (Datum: ETRS89. Ideopuerta 30T 446587479602
Accuracy code: G) Altitude 406 m Accuracy code: G) Altitud
Length 12 m Depth 12 m Area position

Updated 15th April 2008
An 8 m pitch drops to a slope descending a further 4 m to a choke with no draught. Not promising.

Reference: anon., 2007d (summer logbook); Corrin Juan, 2007a; anon., 2007e (autumn + Christmas Juan, 200
logbook)
Entrance pictures : yes

2773: cave
Fresnedo 30T 453572 4801306 (Datum: ETRS89. Fresnedo 30T 4535724801306 (D
Accuracy code: G) Altitude 183m
Area position
Updated 4th October 2008

A bramble-filled rift with a slight outward draught and a squeeze down that chokes after 2 m . There is a parallel opening to the left.

Reference: anon., 2007d (summer logbook); Corrin Juan, 2007a; anon., 2008e (summer logbook Entrance pictures: yes

\section*{On area sur}

A well choked, small, 3 m walk-in cave above the house.

Reference: anon., 2007d (summer logbook); Corrin uan, 2007a Entrance pictures : yes
Detailed Sur
Line Survey :
On area sur
Survex file :
Survex file :
X

2776: dig
Cobadal 30T 4488464798566 (Datum: ETRS89. Accuracy code: G) Altitude 267 m
Area position

This site is on the right hand side of the concrete track up to the house. With a few rocks removed it would be possible to crawl on one side for 3 m to a corner.

Reference: anon., 2007d (summer logbook); Corrin Reference:
Juan, 2007a Entrance picture
```

Underground pictures

```
Video :
Detailed Survey
Line Survey
On area survey :
Survex file :
X
2777: shaft
Cobadal 30T 448470 4798534 (Datum: ETRS89
Cobadal 30T 4484704798534 (Da
Accuracy code: G) Altitude 243 m
Accuracy C
Depth 4 m
Area position

A tight entrance in the scar needs a hamme to get into a slightly draughting, 4 m shaft with possible passage at the bottom

Reference: anon., 2007d (summer logbook); Corrin Juan, 2007a Entrance pictures :
Underground pictures Video: Detailed Survey
Line Survey Line Survey On area surve Survex file

2778: shaft
Cobadal 30T 4482554798553 (Datum: ETRS89
Cobadal 30T 448255 4798553 (Da
Accuracy code: G) Altitude 218 m
Accuracy co
Depth \(4 m\)
Area position
An undescended, fenced, 4 m deep shaft that is nearly all in soil and looks choked.

Reference: anon., 2007d (summer logbook); Corrin Juan, 2007a Entrance pictures :
Underground pictures
```

Video:
Detailed Survey :
Line Survey

```
On area survey
Survex file :
x
2779: shaft
Cobadal 30T 4481754798608 (Datum: ETRS89
Cobadal 30T 4481754798608 (Da
Accuracy code: G) Altitude 218m
Area position

A tight, undescended 4 or 5 m deep shaft in the side of a horseshoe-shaped, rock-walled depression with trees. (The grid ref above has an " 8 " inserted for the km figure).

Reference: anon., 2007d (summer logbook); Corrir Juan, 2007a
Underground picture
Underground pictures
Video :
Detailed Survey
Line Survey:
On area survey :
Survex file :
x
2780: dig
Fresnedo 30T 4532384801341 (Datum: ETRS89.
Accuracy code: M) Altitude 130 m

Area position
A dig near to site 0983.
```

Reference: card
Underground pictures
Video:
Detailed Survey

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\section*{Line Surve}

\section*{2781: cave}

San Antonio 30T 4455404800561 (Datum: ETRS89. Accuracy code: G) Altitude 186 m Area position

A small cave with 2 entrances. Other caves exist under the sandstone bed that lines this depression.

Reference: anon., 2007d (summer logbook); Corrin Juan, 2007a Entrance pictures : yes Underground pictur
```

Video

```
Detailed Survey
Line Survey
On area sur
On area sur
Survex file

2782: cave
San Antonio 30T 4459654800697 (Datum: ETRS89. Accuracy code: A) Altitude 174 m Area position

A large shakehole, uphill of the track anc almost certainly part of the Fuente Aguanaz catchment. The depression is full of tyres hundreds, if not thousands of them. On the south side is a small undercut.

Reference: anon., 2007d (summer logbook); Corrin Juan, 2007a; anon., 2009a (Easter logbook) Entrance pictures : yes
```

Underground pictures

```
Unders
Video
Detailed Survey
Line Survey
On area survey
Survex file :
Survex file

2783: dig
Riaño 30T 451689 4800504 (Datum: ETRS89 Accuracy code: G) Altitude 142 m Area position

\section*{2010}

In a side gully, coming from the right of the valley, is a narrow slot with a very strong valley, is a narrow slot with a very strong
draught under a partly felled tree. This was draught under a partly felled tree. Th
dug to a 5 " wide, tapering slot in the dug to a \(5^{\prime \prime}\) wide, tapering slot in the
summer 2010, with bed rock on two sides summer 2010, with bed rock on two sid
and rubble on the other two. It had a doorway and door installed a long time ago, doorway and door in
according to a local.

Reference: anon., 2007d (summer logbook); Corrin
Jont 2007a; anon., 2009c (summer logbook); Reference: anon., 2007d (summer logbook);
Juan, 2007a; anon., 2009 (summer logbook); anon., 2010c (summer logbook) Entrance pictures : y
Video :
Video:
Detailed Survey
Detained Survey
Line Sur
One Survey :
On area survey
On area sur
Survex file


2784: shaft Barrio La Mina 30T 4459684799771 (Datum: ETRS89. Accuracy code: G) Altitude 257 m
Length 20 m Depth 10 m Length 20 m Depth 10 m

Updated 15th April 2008
An excavated, 10 m deep, booming pitch drops into a choked chamber. This was explored at Easter 2007 but not documented. The entrance had been blocked with boulders and manure by October 2007.

Reference: anon., 2007d (summer logbook); Corrin Juan, 2007a; anon., 2007e (autumn + Christmas logbook)
Entrance picture: yes
Underground picture : yes
Video
Detailed Survey :

A dig into the top of a narrow rift some 5 m deep. No draught on a day when the air temperature was 13C. When explored ir 2013 it was described as a "crawl into a tight rift into floor which may be about 2 m ".

Reference: anon., 2007e (Christmas + Autumn gbook); anon., 2009a (Easter logbook); anon., 2013d (summer logbook) Entrance pictures: yes, 2007 and 2013
Underground pictures: yes Underground pictures : yes Video Detailed Surve On area surve Survex file

X

\section*{2786: Three Idiots}

Secadura 30T 4542594799042 (Datum: ETRS89 ccuracy code: A) Altitude 429 m Length 238 m Depth 72 m

Updated 19th November 2007; 17th April, st October 2008; 5th May 2009

A very tight tube about 15 m S of Torca
Andando, site 689. This was enlarged in the autumn of 2007 and entry gained to a narrow passage to the head of a 5 second drop, probably over the final chamber in site 689, Torca Andando.
The account from October 2007 follows: The cave is situated 2 metres up the bank at the side of the track 15 metres beyond (south of) Torca Andando. An excavated entrance crawl pops out into
a small chamber with a sediment floor after 2 a small chamber with a sediment floor after 2 metres. A tight inlet on the left brings in a trickle of water and the main way on is a jagged rift, 1 to 2
metres high with a phreatic roof tube. A second small inlet enters on the left at floor level; this chokes in calcite after 3 metres. Immediately beyond, a flowstone boss forces one to crawl over moon milk to a keyhole shaped passage
and a narrow rift dropping away into blackness. A nd a narrow rift dropping away into blackness. A traverse above the rift on sediment covered ledges
widens dramatically before a large wedged boulder widens dramatically before a large wedged boulder
can be reached. Rocks dropped down the pitch have been timed
over five seconds, hitting one ledge. The pitch over five seconds, hitting one ledge. The pitch
probably connects with Andando though the rift appears to bell out to the west and could possibly fal though the only measurements obtainable were following the north west wall down from 11 metres
to 27 metres. Below this was a black hole and the to 27 metres. Below this
disto beam got diffused. disto beam got diffused.
A strong draught blows into the cave and on reaching the pitch it is immediately sucked down and no draught can be felt on the traverse. Smoke tests
were carried out at the entrance to Andando first by were carried out at the entrance to Andando first by Lugger's pipe and then by Phil's olive branch and no
hint of a draught could be detected. Tackle is still insitu on Andando's second pitch. Surveyed length for Tres Idiotas is 20 metres and pitch head is
2 metres below entrance. Pitch head needs gardening of sediment and bolts installing for safety line on traverse. Traverse is an adrenaline rush whe things start dropping away below you.

In November 2007, the site was further enlarged and rocks thrown down the large drop were heard at the entrance to Andando. At Easter 2008, the pitch was made more accessible; there was a good draught blowing out.

During the summer 2008, site 2786 was tackled up and surveyed to a point where it appeared to link with Andando. However, the explorer was not sure that a connection had been made as the cave was not recognisable on the survey. Over Easter 2009, the shafts were explored and surveyed as one site, 2786. The drawn-up survey and re-written description will appear in due course

Reference: anon., 2007d (summer logbook); Corrin Juan, 2007a; anon., 2007e (autumn + Christmas ogbook); anon., 2008c (Easter logbook); anon.,
2008e (summer logbook); Corrin Juan, 2009 Entrance picture: yes Underground picture : yes Video :
```

Detailed S

``` Line Survey : On area survey
Survex file : sites 689 and 2786 (Easter 2009) align with Eur79 grid and coordinates altered to fit align with Eur79 grid and coo
ETRS89 datum, April 2014.)
x
2787: Otero 2, Cueva del Secadura 30T 4572494800188 (Datum: ETRS89 Accuracy code: G) Altitude 61m Length 110 m
Area position

Updated 16th May 2009; 13th May 2019
This site was first documented as 0632. The duplication was cleared up in April 2019 and 0632" can be allocated to another site

A burial cave with the finds summarised in Ruiz Cobo Jesús and Muñoz Fernández Emilio et al, 2009. Twin entrances lead to a walk to a 12 m pitch which chokes.

Reference: anon., 1986 (logbook); anon., 1988
(logbook); material in file; (Previous refrences relat (logbook); material in file; (Previous refrences relat
to site 0632); anon., 2007d (summer to site 0632); anon., 2007d (summer logbook);
Corrin Juan, 2007a; Ruiz Cobo Jesús and Muñoz Fernández Emilio et al, 2009 (survey); anon., 2019 (Easter logbook) Entrance picture Video:

2788: Otero 4, Cueva del Secadura 30T 4572274800177 (Datum: ETRS89 Secadura 30T 4572274800177 (
Accuracy code: G) Altitude 65 m

A burial cave with the remains summarised in Ruiz Cobo Jesús and Muñoz Fernández Emilio et al, 2009

Reference: anon., 2007d (summer logbook); Corrin Juan, 2007a; Ruiz Cobo Jesús and Muñoz Fernández Emilio et al, 2009 (surve

\section*{2789: Tres Ríos, Cueva de} Secadura 30T 4575004800262 (Datum: ETRS89 Secadura 30T 4575004800262
Accuracy code: G) Altitude 41 m
```

Length 18m
Length 18m

```
Updated 16th May 2009

Possibly the cave with the least appropriate name!
The entrance lies at the base of a wooded knoll and takes water in very wet weather. A wide, stooping height passage has a low

\section*{2791: shaft}
Secadura 30T 454418 4799422 (Datum: ETRS89 Accuracy code: G) Altitude 288 m
Length 2 m Depth 2 m
Area position
A small, 2 m deep hole
Reference: anon., 2007d (summer logbook, Entrance picture: ye Underground picture

\section*{2792: resurgence}

Secadura 30T 4544354799254 (Datum: ETRS89 Accuracy code: G) Altitude 320 m

\section*{Length 10 m}

A low resurgence under a scar with a trough built across the front of the bedding. The site goes in low for about 10 m . The wet weather overflow appears to sink at site 2793.

Reference: anon., 2007d (summer logbook); Corrin Reference: anon., 2007d (summer logbook
Juan, 2007a; anon., 2008c (Easter logbook) Entrance picture: yes
Underground picture : yes
Video

Detailed Surve
Line Survey:

A deep shakehole with a limestone wall at A deep shakehole with a limestone wall a
one side and a number of large plastic one side and a number of large plastic containers. Water ove into 2792 appears to sink into a small choked cave.

Reference: anon., 2007d (summer logbook); Corrin Reference:
Juan, 2007a Entrance pictures: yes
```

Underground pictur

```
Video:
Detailed Survey
Line Survey:
On area survey :
Survex file :
X
2794: Hazel Cave
Secadura 30T 4542754799377 (Datum: ETRS89.
Accuracy code: G) Altitude 342 m
Length 5 m
Area position

A difficult to find cave at the base of a small scar behind a hazel tree and bracken. A low entrance leads to a 5 m long sideways crawl which has not been explored. The end cannot be seen. There was a small outward draught on a summers day and there is a small flow of water.

Reference: anon., 2007d (summer logbook); Corrin Reference:
Juan, 2007a
Entrance pictures: yes
Entrance pictures: yes
Underground picture :
Video:
Video:
Detailed Survey
Line Survey:
Line Survey
On area surve
Survex file :
X
2795: Duck Pot
Bosmartín 30T 4498094797378 (Datum: ETRS89.
Bosmartin 301 449809 4797378 (
Accuracy code: G) Altitude 450 m
Area position

A hole under a sink in the Bosmartín farmyard. (A duck in the sink was not happy when prodded with a stick)

Reference: anon., 2007d (summer logbook) Entrance pictures: Underg
Detailed Sur
Line Survey
Line Survey:
On area surve
Survex file :
x
2796: shaft
Seldesuto 30T 449018 4793643 (Datum: ETRS89.
Accuracy code: G) Altitude 633 m
Accuracy code: G) Altitud
Length 30 m Depth 30 m
Length 30 m
Area position

Updated 18th May 2023
[Previous grid reference: 04490234793632 640m]
A shaft which appeared to be about 20 m deep was finally descended in April 2023 in a 30 m deep shaft to a flat choked floor.

The entrance looks very similar to the nearby shaft 3254.
```

Reference: anon., 2011a (January, February
Reference: anon., 2011a (January, Feb
Entrance picture : yes
Underground picture(s):
Detailed Surve
Line Survey
On area surve
x
2797:shaft
Muela 30T 454602 4796159 (Datum: ETRS89,
M
Accuracy cod
l}\begin{array}{l}{\mathrm{ Depth 10m}}<br>{\mathrm{ Area position}}
A hole with a tree on the side of the Hoya de Yusa. Not properly investigated but appears to be a shaft.
Video:
Detailed Survey
Line Survey
On area survey :
On area sury

## 2798: shaf

 Mullir 30T 4548884795565 (Datum: ETRS89 Accuracy code. G) Altitude 816 m Length 15 m Depth 8 m Area positioUpdated 10th January, 3rd July 2022 an entrance slope and appears to be choked about 5 m down. It is currently the highest altitude site in the permit area. The hole was explored 14 years after first being documented.
The entrance rope can be belayed around boulders to descend 3 m to a sloping floo which splits, a steep slope closes down after 5 m . A second loose shaft directly below the entrance pitch is 5 m deep and is also choked at the bottom Reference: anon., 2007d (summer logbook); Corrin
Juan, 2007a; anon., 2021f (Christmas logbook) Juan, 2007a; anon., 2021f (Christ Entrance pictures: 200
Underground pictures Video :
Detailed Survey : pdfs from Therion December 2021: plan : elevation : complete Line Survey : On area survey :
Survex file : December 2021

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Survex file:December 2021
```

2799: cave
El Naso 30T 4518254796135 (Datum: ETRS89
El Naso 30T 4518254796135 (Dat
Accuracy code: G) Altitude 292 m
Accuracy code: G) Altit
Length 5 m Depth 2 m
Area position
This site is a few metres uphill from Cueva
Asiul, site 61. A 2 m drop into a 3 m long
open chamber in sandy limestone.
Reference: anon., 2007d (summer logbook); Corrin
2007a
Entrance pictures: yes
Entrance pictures: ye
Underground picture
Video :
Detailed Survey
Line Survey
On area survey
Survex file
2800: Ramera, Fuente is marked by a manual water pump (dedicated to José Antonio Carro Solana) and a set of steps down to the actual resurgence, which then flows off to the river a few metres away. The caves at the resurgence are tiny

At Easter 2012, during a moderate flood, the resurgence was seen to run very clear with enough force to keep back the racing
brown water in the main river. About 15 m to the south of the pumping station, at the the south of the pumping station, at the track side, there is a narrow slot which carries on beyond boulders. On the oth side of the track is the flood overflon resurgence. Another 25 or so metres further south the fairly open route up to Cueva las Cosas starts.

Reference: anon., 2007d (summer logbook); Corrin Juan, 2007a; anon., 2012b (Easter logbook); anon., 2016d (autumn logbook) Entrance pictures: y Video : Easter 2012
Detailed Survey Line Survey On area surv
Survex file : Survex file

2801: resurgence
El Camino 30T 4526374796929 (Datum: ETRS89 El Camino 30T 4526374796929
Accuracy code: G) Altitude 149 m Accuracy code: G) Altitude 149 m

Updated 28th April 2012; 18th May 2023
A small, built over resurgence on the west side of the track. There are boulders in the field opposite which may mark the route o the culverted stream. No sound of water could be heard along here in a dry April

## On area sur

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x
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## 2802: hole

S Vega 30T 4526484794621 (Datum: ETRS89. S Vega 30T 4526484794621 (Dat
Accuracy code: U) Altitude 450 m
Area position

An unexplored hole near a small cliff edge to the east of sites 2347 and 2360. (Approx grid reference).

Reference: anon., 2007d (summer logbook) Reference: anon.,
Entrance pictures: Underground picture Video:
Detailed Survey
Line Survey


Survex file
X
2803: cave
El Naso 30T 451530 4796233 (Datum: ETRS89. Accuracy code: G) Altitude 355 m Length 2 m
Area position
Updated 23rd May 2014
This is a rock shelter 50 metres east of sites 1348 \& 1349 with a level platform and signs of old walling about 4 metres long.

Reference: anon., 2007e (autumn + Christmas logbook); anon., 2014b (Easter logbook) Entrance pictures: yes
Underground picture : Video: Detailed Survey
Line Survey : Line Survey :
On area surve On area sury
Survex file :
X
2804: cave
El Naso 30T 451027 4796213 (Datum: ETRS89. EI Naso 30T 451027 4796213 (Da
Accuracy code: G) Altitude 293 m Accuracy cod
Length 3 m Length 3 m
Area position

A small rock shelter to the east of a wire pen attached to the cliff face. A step down pen attached to the cliff face. A step down
into a small chamber with medieval? pottery into a small chamber with medieval?
and bones in a small bedding plane.

Reference: anon., 2007e (autumn + Christmas logbook)
Entrance pictures: yes
Underground picture : y
Video:
Detailed Surve
On area surve
Survex file :
x
2805: shaft
EI Naso 30T 451880 4796163 (Datum: ETRS89. Accuracy code: G) Altitude 310 m
Depth 4 m
Area position
A 4 m undescended shaft with a small top which needs enlarging. A red floor can be seen below.

Reference: anon., 2007e (autumn + Christmas Reference
logbook)
Entrance pictures: yes
Underground picture : yes
Video :
Detailed Survey On area surve Survex file :
X
2806: cave
El Naso 30T 451763 4796630 (Datum: ETRS89. Accuracy code: G) Altitude 388 m Length 5 m Depth 2 m Area position

Updated 11th December 2018
An open hole in a featureless hillside. About 2 m deep, it was first explored in January 2008. The exploration was not written up here so the site was re-explored in October 2018 finding the same small chamber with animal bones.

Reference: anon., 2007e (Christmas + Autumn logbook); anon., 2008a (January logbook); anon. 2018d (autumn logbook) Entrance pictures: yes Underground picture :
Video : Video :
Detailed Survey
Line Survey
On area surve
Survex file :
x
2807: shaft
Mullir 30 T 4555974795007 (Datum: ETRS89. Accuracy code: G) Altitude 583m

MATIENZO UNDERGROUND - site descriptions (printed $\begin{gathered}\text { Volume } 4 \text { - page } 892024\end{gathered}$
limestone cliff. The entrance lies at the base
of a scar and is initiallv a hands-and-knees of a scar and is initially a hands-and-knees
crawl which enlarges to 2 m high at the back crawl which enlarges to 2 m high at the bac
of the 3 m wide passage. There is a tube / of the 3 m wide passage. There is a tube /
rift in the roof that breaks through to the surface in a couple of places. The cave appears to choke in calcited boulders and down to the left there is a small animal hole. Reference: anon., 2008a (January 2008 logbook); anon., 2009c (summer logbook)
Entrance pictures: yes
Video:
Detailed Survey : Line Survey On area surve Survex file :

## X

2812: cave
El Naso 30T 4517974796612 (Datum: ETRS89. Accuracy code: G) Altitude 390 m Length 5 m Depth 2 m Area position

A slide down into a collapse with formations up over boulders to the left. There are large bones on the floor.

Reference: anon., 2008a (January 2008 logbook) Entrance picture: yes Inderground pictures Video:

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Line Survey:
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On area surve
Survex file :

## x

2813: shaft
S Vega 30T 4532114794074 (Datum: ETRS89. Accuracy code: A) Altitude 450 m Length 52m Depth 13 m
Area position
Updated 17th April, 4th October 2008
Two deep depressions are separated by a short ridge of limestone. The GPS in the middle of this ridge is 30T 0453330 4794295 altitude 452m; ETRS89: 30T 4532284794086 . Site 2813 (guessed at the above grid reference and with uncertain altitude - the entrance needs a better GPS) is the top of the shaft in the southern depression.
This is a 4 m pitch which drops onto a slope with an eyehole to a parallel rift. Routes unite at an excavated crawl onto the head o a 5 m pitch into a calcite-floored, decorated chamber, some 13 m long. At the far side is a crawl to a boulder pile. A crawl up and over this ends to the left at a small aven and to the right where it may be possible to dig around the side of the rocks. The northern depression is larger an deeper and has been investigated. Holes deeper and has been investig.
around the sides are choked.

Reference: anon., 2008a (January 2008 logbook); anon., 2008c (Easter logbook); anon., 2008 e (summer logbook); Corrin Juan, 2009 Entrance picture: yes

## Video :

```
Detailed Survey : yes 1:250 pd
```

Line Survey :
On area survey

Survex file : yes (Amended magnetic declination December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014.) X
2814: shaft
Mullir 30T 4556064795133 (Datum: ETRS89 Accuracy code: G) Altitude 628 m

## Accuracy m Depth 7 m

Area position
An unexplored wide rift, possibly 7 m deep. There are other depressions to the southeast that should be checked out.

Reference: anon., 2008b (February logbook) Entrance picture: yes Underg
Video:
Detailed Survey
Line Survey : Line Survey : On area surve Survex file :

X
2815: shaft Mullir 30T 4556574795156 (Datum: ETRS89 Accuracy code: G) Altitude 630 m Area position

An unexplored 1 m wide rift, possibly 10 m deep. The shaft is partially blocked a couple of metres down.

Reference: anon., 2008b (February logbook) Entrance picture: yes Underground pictures Video : Line Survey :

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## On area surv <br> Survex file

## 2816: shaf

# An unexplored $4 m$ drop in a small 

Video:
Detailed Survey
Line Survey
On area survey
Survex file

## 2820: shaf <br> 2820: Shaf

Reference: anon., 2008c (Easter logbook); anon.,
2010a (February logbook) intrance (February logbook) Entrance picture: yes Underground picture : yes Video : Detailed Survey Line Survey One Survey: Survex file :
X
2821: sink
Moncobe 30T 4446614797830 (Datum: ETRS89.
Accuracy code: G) Altitude 153 m
Accuracy code position

A significant possible sink and dig. Currently out of the permission area.

## Reference: anon., 2008c (Easter logbook)

 Reference: anon., 2008Entrance picture: yes Underground picture

```
Video:
```

Detailed Survey
Line Survey
On area survey :
Survex file :
X
2822: shaft
2822: Shaft
Moncobe 30T 4448934798018 (D
Accuracy co
Depth 2 m
Area position

The entrance is near an impressive, new double gate. Two $2 m$ drops are out of the current permit area.

Reference: anon., 2008c (Easter logbook) Entrance picture Underground picture Video :
 Line Survey On area surve Survex file :

X
2823: shafts
La Secada 30T 453473 4798712 (Datum: ETRS89. Accuracy code: G) Altitude 416 m Depth up to 5

A row of small shafts, centred on the intersection of fences (GPS reading above). There are 5 holes ranging from 1.5 to 5 m deep within 25 m of each side of the intersection.

```
Reference: anon., 2008c (Easter logbook)
Entrance. picture: yes
Underground picture
Video:
Detailed Survey
Detailed Su
Line Survey:
Survex file
X
2824:shaft
La Secada 30T 453305 4798132 (Datum: ETRS89.
La Secada 30T 453305 4798132(
Length 12m Depth 11m
Area position
A shaft covered with a pallet and surrounded by 4 fence posts. A 6 m climb in an 8 m long rift drops to a 5 m deep drop which is too tight.
Reference: anon., 2008c (Easter logbook) Reference: anon., 200
Entrance picture: yes Entrance picture: yes
Underground picture : Video:
Detailed Survey
Line Survey Line Survey : On area survey : Survex file :
X
2825: resurgence
La Secada 30T 4533524798180 (Datum: ETRS89 Accuracy code: G) Altitude 343 m Length 10 m
Lecuracy cod Area position
```

A resurgence cave behind a water tank. This has been pushed past a demolished false floor to a flat out crawl in water. The passage ahead is visible for about 6 m

Reference: anon., 2008c (Easter logbook) Entrance pictures: yes
Underground picture : Underg
Video : Detailed Survey : Line Survey : On area surve Survex file :
x
2826: dig
La Secada 30T 4530724797849 (Datum: ETRS89. Accuracy code: G) Altitude 272 m Area position

Hazel bushes surround a rift which was full of sandstone blocks. These have been
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Volume $4-$ page 93

```
Reference: anon.,
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Underground picture
Video :
Detailed Survey
Detailed Sur
Line Survey
Line Survey
On area sur
On area sur
Survex file
X
2828: dig
Camposdelante 30T 4460534799078 (Datum
ETRS89. Accuracy code: G) Altitude 145 m
Area position
One of a number of large depressions. This
site has a hole in the floor which could be
dug.
Reference: anon., 2007e (autumn + Christmas
logbook)
Entrance picture
Underground picture
Video
Detailed Survey
Line Survey
On area sury
Survex file :
2829: dig
Ideopuerta 30T 4464204796178 (Datum: ETRS89.
Accuracy code: G) Altitude 316 m
Area position
Updated 26th April 2013
A possible dig in the side of a bulldozed
track, which was seen again in 2013
Reference: anon., 2007e (autumn + Christmas
logbook); anon., 2013b (Easter logbook)
Entrance pictures: yes
Underg
Video :
Detailed Survey :
Detailed Sur
Line Survey
On area survey
Survex file
2830: shaft
Ideopuerta 30T 4464654796108 (Datum: ETRS89.
Accuracy code: G) Altitude 350 m
Length 17 m Depth 9 m
Area position
A fenced 9 m pitch in a rift to 4 m passage in
each direction.
Reference: anon., 2007e (autumn + Christmas
logbook)
Entrance picture: yes
Undergr
Video
Detailed Survey
Line Survey
On area surv
Survex file
Survex file

2831: resurgence \& sink
San Antonio 30T 4457204800313 (Datum:
ETRS89. Accuracy code: G) Altitude 195 m
Length 8 m
Area position

Updated 5th January 2015; 6th January 2018; 20th May, 18th September 2019
boulders to deal with. A dig some 3 m to the
east at a drauahtina slot was worked on east at a draughting slot was worked on seems to open up on the down-slope side One more days digging would tell if it is worth any more effort - but it does not look worth any more effort - but it does not look
promising as it may be the top of a massive promising as it may be the top of a mass
boulder area. In the dry streambed and depression below, two further holes were dug, both draught but they look difficult to make good progress.

Reference: anon., 2007e (autumn + Christmas ogbook); anon., 2008c (Easter logbook); anon., 2014d (autumn logbook); anon., 2019b (Easter
logbook); anon., 2019d (summer logbook) logbook); anon., 2019d (summer logbook)
Entrance picture: 2007 : November 2014 : May 2019 Underground picture : Video : digging November 2014 (YouTube) : May 2019 (YouTube)

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Detailed Sury 
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Line Survey
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On area surve
Survex file :
Survex fil
X
2832: hole
Fuentecil 30 T 4465364800436 (Datum: ETRS89 Accuracy code: G) Altitude 268m
Accuracy cod
Length 2 m
Area position
Updated 8th May 2009; 12th January 2018
An undercut with no possible way on. (Area corrected to Fuentecil)

Reference: anon., 2007e (autumn + Christmas logbook); anon., 20
Entrance picture:

## Ideo:

Line Survey : On area survey : Survex file : Area position

A possible dig in farm rubbish in the smallest and highest shakehole under a sandstone outcrop.

Reference: anon., 2007e (autumn + Christmas ogbook)
Entrance picture:
 Detailed Sur
Line Survey On area survey Survex file :
x
2834: Pallet Hole
Barrio La Mina 30T 445789 4799650 (Datum: ETRS89. Accuracy code: G) Altitude 225 m Length $60 \mathrm{~m}+$ Depth 25 m Area position

Updated 15th June, 4th October 2008
A site which is covered in pallets and draughts in strongly. A 7m shaft drops through boulders and onto a mud slope slope in a large chamber and boulder ruckle complex. At one point a small phreatic tube can be followed.
At Whit 2008, several leads were explored, one of which had an "interesting rock" above the entry point to a passage and chamber. The chamber had a draught coming up through the massive collapse in the choked floor and a small high level passage that was investigated by a small person and found to choke. The site needs a survey?

Reference: anon., 2007e (autumn + Christmas logbook); anon., 2008c (Easter logbook); anon.,
2008d (Whit logbook); anon., 2008e (summer 2008d (Whit logbook); anon.,
logbook); Corrin Juan, 2009
Entrance picture: yes Entrance picture: yes
Underground picture : ye Video :

 Survex file

X
2835: diq
Barrio La Mina $30 T 4457824799741$ (Datum: ETRS89. Accuracy code: G) Altitude 230 m ETRS89. Accl
Area position

## A possible dig in a shakehole.

## Referenc

logbook)

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On area surv
Survex file
```

Survex file
2837: cave
San Miguel 30T 4561414796484 (Datum: ETRS89.
Accuracy code: G) Altitude 405 m
Accuracy coc
Length 2 m
Length 2 m
Area position
A small, low cave under a small scar.
Reference: anon., 2008c (Easter logbook)
Entrance picture: yes
Underground picture
Under
Detailed Survey
Line Survey
On area survey
On area sur
Survex file
2838: shaft
San Miguel 30T 4561184796464 (Datum: ETRS89
Accuracy code: G) Altitude 419 m
Length 4 m Depth 2 m
Area position
A $2 m$ deep and long rift.
Reference: anon., 2008c (Easter logbook)
Reference: anon., 20
Entrance picture: ye
Entrance picture: yes
Underground picture
Video :
Detailed Survey
Line Survey :
On area sur
Survex file
2839: shaft
San Miguel 30T 4563074796579 (Datum: ETRS89.
San Miguel 30T 4563074796579
Accuracy code: G) Altitude 335 m
Accuracy co
Depth 9 m
Area position
A 9m deep, undescended shaft. The
entrance is not far from the track which
entrance is not far from the track which
goes past site 1768 (Sima CR-2) but is ir
goes past site 1768 (Sima CR-2) b
thick vegetation on the uphill side.
Reference: anon., 2008c (Easter logbook)
Entrance picture: yes
Underground pict
Video :
Video
Line Survey
On area survey
Survex file
2840: shaft
Fresnedo 30T 4538734801310 (Datum: ETRS89
Accuracy code: G) Altitude 251 m
Area position

The hole is surround by a barbed wire fence. A vertical drop into a possible large rift. Site 987 is downhill of this site.

Reference: anon., 2008c (Easter logbook) Entrance picture: yes

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Video:
Detailed Sur
On area surve
```

Survex file :
X
2842: dig
San Pantaleón de Aras 30 T 4587474799008
(Datum: ETRS89. Accuracy code: G) Altitude 65 m
(Datum: ETRS

A muddy collapse which has a 1 m drop into a "widening".

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Reference: anon., 2008c (Easter logbook)
Entrance picture
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Entrance picture:
Underground pictur
Video :
Detailed Survey
Detailed Surve
Line Survey:
On area survey :
Survex file :
X
2843: cave
San Pantaleón de Aras 30T 4587104798606
Sat Pantaleón de Aras 30T 4587104798606
(Datum: ETRS89. Accuracy code: G) Altitude 140 m
Length 8 m
Area position
A wide, stooping entrance at the edge of a
A wide, stooping entrance at the edge of a
field. After 8 m the cave is choked with mud
field. After
and bottles.
Reference: anon., 2008c (Easter logbook)
Entrance picture:
Reference: anon.,
Underground picture
Video:
Detailed Survey :
Line Survey
On area surve
Survex file
Survex file :
X
2844: cave
San Pantaleón de Aras 30T 4580924798290
San Pantaleón de Aras 30 T 4580924798290
(Datum: ETRS89. Accuracy code: G) Altitude 240 m
Area position
(Datum: ETRS8

A low, wide entrance under an overhanging slab beneath wire fencing. Unexplored.

```
Reference: anon., 2008c (Easter logbook)
Entrance picture:
```

Undergr
Video :
Dideo :
Detailed Survey
Line Survey :
Detailed Sury
Line Survey:
On area surv,
On area survey :
Survex file :
X
2845: shaft
Ozana 30T 4538104794143 (Datum: ETRS89
Ozana 30T 453810 4794143 (Datu
Accuracy code: G) Altitude 380 m
Length 4 m Depth 4 m
Length 4 m
Area position
A 2 m climb down in a rift that slopes down
to a depth of 4 m

Reference: anon., 2008c (Easter logbook) Entrance picture: yes Underground pictu Video:
Letailed Surve
On area surve
On area surv
Survex file :
x

2846: shaft
Ozana 30T 4535254794101 (Datum: ETRS89 Accuracy code: G) Altitude 410 m Length 12 m Depth 7 m
Area position
Updated 7th October 2008
A 5 m pitch onto a bouldery slope with a 2 m climb to a choked rift. The entrance is in an area of tall limestone pinnacles and joints. A nearby joint chokes immediately.

Reference: anon., 2008c (Easter logbook); anon.,
Reference: anon., 2008
2008e (summer logbook)
Entrance pictures: yes
Underground pictures : yes
Video:
Detailed Survey : sketch Detailed Sur
Line Survey On area surve Survex file :
x

2847: shaft
Ozana 30T 4533274794102 (Datum: ETRS89. Accuracy code: G) Altitude 425 m Length 4 m Depth 4 m Area position

Update 9th October 2008
A 4 m climb down into a rocky depression, up to 5 m wide where all possibilities choke. This is at the head of a line of large depressions that contain small shelters.

## 2008e (summer logbook)

Entrance picture: yes
Underground picture
Video :
Video :
Detailed Survey
Line Survey:
Line Survey
On area surv
On area sur
Survex file

## 2848: shaf

Ozana 30T 4533364794086 (Datum: ETRS89. Accuracy code: G) Altitude 430 m Length 40 m Depth 15 m Area position

Updated 9th October 2008
This site is on the side of a large depression A large, interesting-looking shaft whic needs vigilance when approached due to nearby open holes. The drop is about 15 n with a ledge at one end about 5 m down. At the bottom, a rift closes in and a crawl, just off the floor, ends at a sediment choke.

Reference: anon., 2008c (Easter logbook); anon. Reference: anon., 2008c (Easter logbook); a
2008 e (summer logbook); Corrin Juan, 2009 Entrance picture: yes Underground picture
Video : yes (4Mb wmv file
Detailed Survey : sketch Line Survey: On area surv Survex file

## 2849: shaf

## aft <br> Riaño 30T 4519714800085 (Datum: ETRS89.

 Accuracy code: G) Altitude 187 mLength 3 m D
Area position
A 3 m deep hole to a complete, draughtless choke

Reference: anon., 2008c (Easter logbook) Underground picture Underg
Detailed Survey
Line Survey
On area surve

```
Survex file
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2850: cave
El Naso 30T 4513764796575 (Datum: ETRS89 Accuracy code: G) Altitude 465 m Length 10n

An excavated entrance to 10 m of choked, horizontal, $1 \times 1 \mathrm{~m}$ passage heading southwest

Reference: anon., 2008c (Easter logbook) Entrance picture: yes Underground picture
Undergr
Video :
Detailed Survey
Line Survey On area sur
Survex file

## 2853: sink

 Accuracy codArea position

A sink at the base of a series of cascades under a vertical rock face.

Reference: anon., 2008c (Easter logbook)
Entrance picture: Entrance picture Underground picture nderground pictu Detaile Detailed Surve On area survey: Survex file
x
2854: sink
Riaño 30T 451395 4800136 (Datum: ETRS89.
Accuracy code: G) Altitude Riaño 30 T 4513954800136 (Datur
Accuracy code: G) Altitude 152 m
Area position
A sink in a field with trees around. Water disappears through slots in solid limestone.

Reference: anon., 2008c (Easter logbook)
Entrance picture: Entrance picture: Underground picture Video : Dideo :
Letailed Survey :
Line Survey : Line Survey On area surve
Survex file :
x
2855: sink
Riaño 30T 4512654800227 (Datum: ETRS89, Accuracy code: G) Altitude 148 m Area position

A stream sink on the west side of a grassy depression, just below a sandstone wall.

Reference: anon., 2008c (Easter logbook) Entrance picture:

## Video :

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\[
\begin{aligned}
& \text { Detailed } \\
& \text { Line Sur }
\end{aligned}
\]
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$$
\begin{aligned}
& \text { Detailed Surve } \\
& \text { Line Survey: }
\end{aligned}
$$

On area surve
Survex file :

X
2856: dig
Riaño 30T 451308 4800258 (Datum: ETRS89 Accuracy code: G) Altitude 145 m

This "distinctly diggable" site is a triangular, vertical slot with a boulder run-in in a rock face. It has a strong draught in the summer.

```
Reference: anon.,
Entrance picture:
```

```
Underground pictur
```

Video :
Detailed Survey :
Detailed Surv
On area surve
Survex file :
x

2857: sink
Riaño 30T 4515184799685 (Datum: ETRS89. Riaño 30T 451518 4799685 (Datur
Accuracy code: G) Altitude 173m
Area position

Updated 1st November 2015
The sink (in a small choked passage) for the water that resurges from Fuente de la Cuvia. The water has the same volume as that seen in site 718 , so is almost certainly the same water.

Reference: anon., 2008c (Easter logbook); anon., 2015d (autumn logbook)
Entrance pictures: yes Entrance pictures: yes
Underground picture :

```
Video:
```

Detailed Survey :
Line Survey :
Detailed Surve
Line Survey :
On area survey :
Survex file :
X
2858: dig
Riañ: 30T 452015 4799853 (Datum: ETRS89.
Riaño 30 T 4520154799853 (Datu
Accuracy code: G) Altitude 174 m
Accuracy code
Area position

A possible cold store where the draught needs checking in warmer weather.

Reference: anon., 2008c (Easter logbook)
Entrance pictures: Entrance pictures: Underground picture Video : Detailed Survey : Line Survey On area surve Survex file :
x
2859: cave
Riaño 30 T 452061 4799865 (Datum: ETRS89.
Accuracy code: G) Altitude 175m Accuracy code: G) Altitude 175 m

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## Area position

Updated 8th May 2009
A low bedding with a mud floor enlarges to open passage and then a complete choke. The inward draught goes down through loose debris and it may be worth a dig.

Reference: anon., 2008c (Easter logbook); anon. 2009a (Easter logbook Entrance pictures Video :
Detailed Survey : sketcl Line Survey : On area survey Survex file

2860: shaf
Ideopuerta 30T 4469164796074 (Datum: ETRS89 Ideopuerta 30T 4469164796074
Accuracy code: G) Altitude 390 m
Accuracy code: G) Alti
Length 4 m Depth 4 m

This 4 m shaft lies in a gulley above site 2861. The waypoint above is between both sites.

Reference: anon., 2008c (Easter logbook) Entrance pictures: yes
Underground picture :

```
Video :
```

Video:
Detailed Survey
Line Survey :
On area survey
On area su
Survex file

Las Calzadillas 30T 4476044797121 (Datum:
ETRS89. Accuracy code: G) Altitude 322 m Length 4 m Depth 4 m

Updated 8th January 2020
A 4 m deep hole drops to a dig at the bottom of a slope. Above this site, by the side of the road, is a fresh collapse which has not been dug due to its location. Another visit in October 2019 decided that too much work October 2019 decided that too much work
was required. Other nearby shakeholes were was required. Oth
all found choked.

Reference: anon., 2008c (Easter logbook); anon.,
Reference: anon., 2008c
2019e (autumn logbook)
Entrance pictures: yes
Underg
Video $: ~$
Detailed Survey
Line Survey
On area sur
Survex file
,
2863: shaf
Las Calzadillas $30 T 4475494797431$ (Datum:
ETRS89. Accuracy code: A) Altitude 328m
Area position
Acc
"Gordon's draughting dig" seen on the original visit in Easter 07 but unrecorded A dangerously loose shaft which would require much work to make any further progress safe. An entrance wall has been erected.
The waypoint above is adjusted to fit a depression on the map. The original way point is 30 T 04476444797667 Alt 324 m ETRS89: 30T 4475424797458.

```
Reference: anon., 2008c (Easter logbook
```

Entrance pictures: yes
Underground picture
Video :
Detailed Survey
Line Survey
On area survey

2864: shaft

In the same shakehole as, and above, site
2863. this site has been enlaraed alona a 2863 , thist and then down a 4 m drop. The hoked floor would make an easy dig perhaps linking to site 2863 below the nasty perha

Reference: anon., 2008c (Easter logbook) Entrance pictures: yes Underground picture : Video.
Detailed Survey
Line Survey
On area surve
Survex file

```
x
```

2865: cave
Las Calzadillas 30T 4478734797180 (Datum Las Calzadillas 30T 4478734797180 (Datun
ETRS89. Accuracy code: G) Altitude 382 m ETRS89. Accuracy code: G) Altitude 382 m
Area position Area position

A small entrance with animal bedding inside


#### Abstract

Reference: anon., 2008c (Easter logbook) Entrance pictures: yes Underground picture Underground picture : Video : Detailed Survey Line Survey Survex file : X

2866: shaft Las Calzadillas 30T 4477514796872 (Datum: ETRS89. Accuracy code: G) Altitude 427 m Length 13 m Depth 13 m

\section*{Area position}

A fenced shaft which drops 12 m to a mud floor with a small, 1 m deep hole to one side "Not promising."


Reference: anon., 2008c (Easter logbook) Entrance pictures: yes Underground picture : Video :
Detailed Survey
Line Survey Line Survey On area surve
Survex file :
x
2867: shaft
Las Calzadillas 30T 4477914796819 (Datum: ETRS89. Accuracy code: G) Altitude 434 m Length 4 m Depth 4 m Area position

The entrance is in a line of shakeholes with trees. A 4 m deep shaft to a choked rift.

Reference: anon., 2008c (Easter logbook)
Reference: anon., 2008c
Entrance pictures: yes
Underground picture :

## Video:

 Detailed SurveyLine Survey : Line Survey On area surve Survex file

X
2868: resurgence Las Calzadillas 30T 4477674797210 (Datum: Las Calzadillas $30 T 4477674797210$ (Dat
ETRS89. Accuracy code: G) Altitude 355 m ETRS89. Accu
Area position

An unexplored, tight resurgence cave used as a water supply.

Reference: anon., 2008c (Easter logbook)
Entrance pictures: yes Entrance pictures: yes Underground picture
Video :
Detailed Sur
On area surve
Survex file :
x
2869: cave
Las Calzadillas 30T 4476174797335 (Datum ETRS89. Accuracy code: G) Altitude 344 m
(Dat Length $2 m$

A 1 m high arch goes in for 2 m .
Reference: anon., 2008c (Easter logbook) Entrance pictures: Underground picture Video: Detailed Survey Line Survey Survex file :

X
2870: cave
Las Calzadillas 30T 4478464797074 (Datum ETRS89. Accuracy code: G) Altitude 395m Length 15 m Area position

A 2 m arch at the bottom of a steep sided shakehole. A hands and knees crawl goes for 10 m to a small chamber. The continuation on the opposite side becomes too small at a bend. (Guessed length.) MATIENZO UNDERGROUND - site descriptions (printed 19002/2024
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Reference: anon., 2008c (Easter logbook)
Entrance pictures:

Updated 15th June 2008
This shaft had a rock blocking the top. It lies off the path east of the depressions slight draugl
around 3 m .

Reference: anon., 2008c (Easter logbook); anon., 2008d (Whit logbook)

```
Entrance pictures: ye
```

Underg
Detailed Survey
Line Survey
On area survey
Survex file

## 2872: shaft (Hoyuca entrance)

## Updated 1st July 2018

This the shaft entrance to Cueva de la depth of the shaft (c10-15m).

Reference: anon., 2008c (Easter logbook) Entrance pictures. in a field.

Reference: anon., 2008c (Easter logbook)
Reference: anon.,
Entrance pictures:
Entrance pictures:
Underground picture
Video :
Detailed Survey
Line Survey On area survey Survex file

## 2875: resurgence

Small resurgences. The lower one has a descending tube to water that needs pushing. Access requires appropriate equipment.

Reference: anon., 2008c (Easter logbook) Entrance pictures: Underground picture : Video:
Detailed Survey Line Survey On area surv
Survex file:

X
2877: resurgence
Secadura 30T 4566554799555 (Datum: ETRS89 Sccuracy code: G) Altitude 40 m
Act Area position

Water emerges along a too-tight bedding.

```
Reference: anon., 2008c (Easter logbook)
```

Reference: anon.,
Entrance pictures:
Underground pictur
Undergro
Detailed Survey :
Line Survey
On area survey
Survex file :
X
2878: cave
Secadura 30T 4567184799524 (Datum: ETRS89.
Secadura 30T 4567184799524
Accuracy code: G) Altitude 45 m
Accuracy code
Area position

The entrance is by the side of a track. A very small crawl goes under overhanging very small crawl goes under overhanging
limestone. There is possibly a filled-in hole limestone. There is possibly a filled-in hole
below. below.

```
Reference: anon., 2008c (Easter logbook)
Entrence: anon.,
Underground picture
Video :
Video:
Detailed Sur 
One Survey:
Survex file :
x
2879: cave
Secadura 30T 456797 4799552 (Datum: ETRS89.
Accuracy code: G) Altitude 48m
Area position
```

A long, exposed rift filled with rubbish (wood, asbestos sheet and oil drums) and requiring kit in one place. The site may dig in other places too.
Reference: anon., 2008c (Easter logbook)
Entrance pictures:
Untrance pictures:
Underg

```
Detailed Surve
```

Letailed Surve
On area survey :
Survex file :
X
2880: cave
2880: CaVe
Secadura 30T 4569344799601 (
Accuracy code
A low entrance under overhanging rocks
The site contains a small cemented wall that The site contains a small cemented wa
may block continuing passage. "Odd".

```
Reference: anon., 2008c (Easter logbook)
```

Reference: anon.,
Entrance pictures:
Underground picture
Underground pictur
Video :
Detailed Surve
Line Survey :
On area surve
On area sury
Survex file :
x
2881: shaft
Secadura 30T 454214 4799485 (Datum: ETRS89.
Secadura 30T 454214 4799485 (D
Accuracy code: G) Altitude 296 m
Length 6 m Depth 6 m
Area position

A fenced, 6 m deep shaft to a blocked rift.

| Reference: anon., 2008c (Easter logbook) |
| :--- |
| Entrance pictures: yes |
| Underground picture : |
| Video: |
| Detailed Survey : |
| Line Survey : |
| On area survey : |
| Survex file : |
| X |
| 2882: CaVe |
| Secadura 30T 453887 4799506 (Datum: ETRS89. |
| Accuracy code: G) Altitude 346m |
| Length 20m Depth 5m |
| Area position |
|  |
| MATIENZO UNDERGROUND - site descriptions (printed 19002/2024) |

A hole against a low, fenced rift. This is 2 m deep and then slopes down to a 10 m high aven with a too tight, low passage leaving. (Guessed length and depth.)

Reference: anon., 2008c (Easter logbook) Entrance pictures: yes
Video :
Detailed Survey
Line Survey
On area sur
Survex file
X
2883: shaf
Secadura 30T 4541844799482 (Datum: ETRS89
Secadura 30T 454184 4799482 (D
Accuracy code: G) Altitude 302m
Accuracy code: G) Alti
Length 2 m Depth 2 m
Length $2 \mathrm{~m} \mathbf{D}$
Area position
A 2 m deep hole.
Reference: anon., 2008c (Easter logbook)
Entrance pictures: yes
Unders
Video:
Detailed Survey
Line Survey
On area survey
On area sur
Survex file
2884: dig
El Naso 30T 4511924796973 (Datum: ETRS89
Accuracy code: G) Altitude 377 m
Depth 12 m
Area position
Updated 8th May 2009; 17th February 2022
A draughting dig, excavated at the top
where stones rattle down. The drop is "more
or less open" and ready to descend.
Reference: anon., 2008c (Easter logbook); anon.
Reference: anon., 2008c (Easter logbook); and
2009a (Easter logbook); anon., 2022a (January
February logbook)
and
Entrance pictures: 2022
Underground picture
Video :
Detailed Survey
Line Survey
On area survey
Survex file
2885: cave
Secadura 30T 4555954799376 (Datum: ETRS89
Accuracy code: G) Altitude 58 m
Accuracy code: G) Altitude 58 m
Length 5 m
Area position

A dig down into a mud-filled cave. It is possible to see along for about 5 m .

Reference: anon., 2008c (Easter logbook)
Entrance pictures:
Entrance pictures:
Underground picture
Video
Video
Detailed Sur Line Surve
On area su On area sur
Survex file

X
2886: sink
Fresnedo 30T 4533004800054 (Datum: ETRS89 Accuracy code: A) Altitude 390 m
Area positio
Updated 1st May 2016
A previous grid reference is 30T 453272 4800053
A sink at a trough. In wet weather, a A sink at a trough. In wet weather, a number of streams cascade down the
hillside. All sinks appear well choked.

Reference: anon., 2008c (Easter logbook); anon., 2016b (Easter logbook
Video :
Detailed Survey
Line Survey
On area surv
Survex file

2887: Hypocritical Hole
La Gatuna 30T 4497654798531 (Datum: ETRS89 Accuracy code: A) Altitude 287 m Length 78 m
Area position

Updated 27th September 2012
A hole first noticed when a stream emerged after torrential rain. This resurgence has after torrential rain. This resurgenc
been explored for nearly 80 m with been explored for nearly 80 m with possibilities for extension through a
draughting "spidery duck" and at the end draughting "spidery duck" and at the The Spidery Duck was pushed in the summer, 2012, during very dry conditions and after digging a trench. About 15 m was gained around a number of bends until a slight narrowing prevented progress.A chamber could be seen ahead with a strong, MATIENZO UNDERGROUND site descripions (printed 19/02/2024) Volume 4 - page 104

## he water that resurges.

Reference: anon., 2008c (Easter logbook); Corrin Reference: anon., 2008c (Easter logbook); C
uan, 2009; anon., 2012d (summer logbook) Juan, 2009 ; anon., 20 Underground picture :
Video : Passing the Spidery Duck, 2012 (YouTube) Detailed Survey : 1:500 pdf Line Survey :
On area survey :
Survex file : yes (Amended magnetic declination Survex file : yes (Amended magnetic declinatior
December 2013 to align with Eur79 grid and December 2013 to align with Eur79 grid and
coordinates altered to fit ETRS89 datum, April 2014. x
2888: hole
Secadura 30 T 4540074799561 (Datum: ETRS89 Accuracy code: G) Altitude 283m
rea position
A hole.
Reference: anon., 2008c (Easter logbook)
Reference: anon.,
Entrance pictures: yes
Underground picture : Underground pictur
Video: Detaile Line Survey : On area survey

```
Survex file :
```

X
2889: Vaca, Torca La
Hornedo 30T 4482584801193 (Datum: ETRS89.
Accuracy code: G) Altitude 111 m
(Datum: ETRS89. Accuracy code: G) Altitude 111 m
Length 23914 m Depth 67 m Vertical range 100 m Area position : Google search for this site

Updated 15th June, 4th, 10 th September, 14th, 15th, 17th, 21st, 28th October, 8th, 15th, 30th November, 8th December 2008; 5th, 18th January, 8th March, 8th, 9th, 5th, 18th January, 8th March, 8th, 9th,
14th, 30th May, 1st June, 5-7, 9th, 11th 14th, 30th May, 1 st June, 5-7, 9th, 11th November, 7th December 2009; 26th June,
15th July; 13th September, 22nd October; 15th July; 13th September, 22nd October; 18th November 2010; 6th January, 16th, 9th, 24th May, 15th October 2011; 5th May, 27th September 2012; 26th, 27 th April, 21st May, 19th September, 4th October 2013; 20th, 23rd - 25th September 4th, 19th, 31st December 2014; 8th, 9th, 11th January, 9th, 23rd February, 17 th March, 22nd, 23rd May, 5th July (Simon Cornhill), 1st, 4th, 17 th October, 3rd November, 7th December 2015; 5th May, 24th October 2016, 10th January, 22nd May, 23rd, 28th June, 1st October 2017; 16th February, 9th May, 30th June, 24th September 2018; 28th, 31st January, 19th September 2018; 28th, 31st January, 19t
September 2019; 18th, 22nd September 2021; 19th May 2022; 28th November 2023

DRAFT WRITE-UP - SUMMER 09; EASTER 2010 DESCRIPTIONS NOT COMPLETED: SUMMER 2010; SUMMER 2011 some DESCRIPTIONS NOT COMPLETED

The steel mesh covering the BigMat Calf Hole entrance must be over the ole at all times. Goats knock stones from the wall and there has been at least one instance where a hefty rock was only prevented from falling down onto a caver below when it was stopped, mid-bounce, by a well placed foot.

This site is the original entrance into, what now (late 2015), can be called the Sistema de Torca la Vaca, the Torca la Vaca System.
The prefered, back door or top entrance for trips south of the duck/sump is BigMat Calf Hole (site 3916) after it was connecte above the Wasdale Screes in mid-August 2014. A video of the route in from BigMat Calf Hole can be found on the site 391 description page. The first through-trip appears to have been made by a couple of cavers from the Espeleo Club La Grieta in cavers from the Espeleo Club La Grieta in
March 2016 - a well-planned and executed March 2016 - a

In the summer 2015, three other entrances into the system were connected: - a (very) tight pitch from site 4117 Doldy's Cave (including The Langdales entrance, site 3034) drops into Ed's Birthday Passage and
the Cueva Cuba Libre entrance (site 4182). This connects to the end of Deep Rifts Passage so meets traverses and continues into a long crawl before Ed's Birthday Passage is reached. Wild Mare Cave (site 767) is the 6th entrance, where the connection through at the back of the cave is for divers only.

A walled and vegetated shakehole contains a shaft which has been used as a rubbish dump. There are signs of a wall inside the depression and there may be (pre)historic remains / rubbish embedded in the entrance fill.

The entrance climb requires a ladder from a permanent bolt and hanger on the right hand wall.

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The lower levels (Squality Street) are
reached down a hole at the back of the
shaft. The remaining 23 km or so are reached through a hole on the north side of the shaft after the entrance ladder. The upper cave can be described as phreatically enlarged joints, some narrow, others up to 5 migh and 4 m wide. In places there are 5 m high and 4 m wide. In places there are deep rifts or pots in the floor, some formed on the trench. A number of passages art truncated by sandstone collapse or stal, generally where they head out of the hill to the north

During the summer of 2008, leads left from the Easter explorations were "finished off" - these included a number of pits down to water level and linking the 50m Rift back to the p12 at the traverse. The route into the far reaches was found after dropping a tight draughting hole down to Lake Bassenthwaite and pushing through a draughting, 10 m long, out-of-depth, low airspace duck/sump.

## Conservation and Restoration

Some parts of the cave are particularly well decorated and damage has happened to have been broken and mud from hands, fe and caving suits smeared across stalagmites and calcite floors, often unnecessarily. Photographers' Passage has been taped Photographers' Passage has been taped tape as being particularly vunerable. At Red Pike Junction and along the southern
passage at that level advisory routes have been marked with tape and the muddy stal and calcite floor have been partly cleaned up. Some broken stal have been joined back together and the 1.8 m high column in Penguin Passage (which was broken into about 9 pieces) has been stuck back together, mainly outside the cave, and reinstalled (logbook January 2009). (Photos here). A metre-high stalagmite in the northern passage from Red Pike Junction awaits sticking back together.

## Routes to Lake Bassenthwaite

The preferred route from Torca la Vaca to Lake Bassenthwaite is shown on this isometric diagram
Photographers' Passage and Penguin Passage should not be used - there are alternative routes. The aim is to reach 7Way Chamber where the only route to the Lake is to the southwest, down a tight p5 and larger p6 on the southern side of the passage.

- The p12 can be reached through a crawl or c4 to the $S$ of the Garage Party with a lined traverse or, not recommended, missing out the traverse, through Penguin Passage and turning back east and N. If the 1.8 m high stal must be passed, it is less risky (to the stal) to crawl past at floor level. The p12 should be laddered in the wider part of the rift. There has been at least one incident of a caver getting stuck in the narrower part on the descent and requiring a rope and pulleys rescue from above. - At the base of the p12, a climb up to the Pitch Bypass to the west leads to a p8 down into Gour Passage heading S from Paradise Regain'd to 7-Way Chamber. This should be the preferred route as it This should be the preferred route as it bypasses Paradise Regain'd. Alternatively, at the base of the p12, heading north in the
rift leads to a rift to the west which ends at rift leads to a rift the west which ends at
Paradise Regain'd then $S$ through Gour Passage to 7-Way Chamber.
Passage to $\mathbf{7 - W a y}$ Chamber.
- The p12 can be missed out and a route The p12 can be missed out and a r Paken Penguin Passage) to Red Pike junction. A walk to the south ends at a T-junction and a hands-and-knees crawl to the head of a p17 that drops in close to the pitches down to the Lake.

All survey batches, with dates, are shown the table below. Batches in bold have yet to be described.

Batch name
surveyor
$\mathbf{s}$
date

2889_08_0 Entrance 8 upstream
${ }_{2}^{2889 \_08 \_0}$ downstream


| ${ }_{5}^{2889} 0880 \mathrm{~S}$ high level |  | Peter | ${ }_{8}^{28 / 03 / 200}$ |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
|  |  | Dave Bell, Santi |  |
|  |  | $\xrightarrow{\text { Urara }}$ |  |
|  |  |  |  |
| 88_0 | ${ }_{\text {W }}^{\text {Whigh dead }}$ | Peter |  |
|  |  |  | 3/200 |
|  |  |  |  |
|  |  | Neil |  |
| ${ }^{2889} 08$ _0 |  |  |  |
|  | NW sandstone |  |  |
|  |  | Ururutia, | ${ }_{8}^{28 / 03 / 200}$ |
|  |  |  |  |
|  |  |  |  |
| 2889_08_0 | Precariou |  |  |
|  |  | Sa | ${ }_{8}^{28 / 03 / 200}$ |
|  |  |  |  |
|  |  |  |  |
| ${ }_{9}^{2889} 0880$ | dindet |  |  |
|  |  | Bed |  |
|  |  | Laws |  |
| ${ }_{0}^{2889} 088_{\text {_ }}$ | upstream inlet |  |  |
|  |  |  |  |
|  |  | Lawson |  |
| 8_1 | down $p$ to |  |  |
|  |  |  |  |
|  |  | Pete | ${ }_{8}^{30 / 03 / 200}$ |
|  |  | Pati |  |
|  |  | Warren |  |
| 2889_08_ | alternative <br> route <br> Pike | Pa |  |
|  |  | Becka | 30/03/20 |
|  |  |  |  |
|  |  | Toda |  |
| ${ }_{3}^{2889} 08 \_1$ |  |  |  |
|  | $\begin{aligned} & \text { Lloyds } \\ & \text { passage } \end{aligned}$ |  | 31/03/200 |
|  |  |  |  |
|  |  |  |  |
| ${ }_{4}^{2889}$-08_1 | $\begin{aligned} & \text { 177m joint } \\ & \text { choke } \end{aligned}$ <br> extensi <br> extension | Peter |  |
|  |  |  | 31/03/200 |
|  |  | Alasdair |  |
|  |  | Neill |  |
| ${ }_{5}^{2889} 08 \_1$ | small <br> alterna |  |  |
|  |  |  | 31/03/200 |
|  |  | Alasdair |  |
|  |  | Neill |  |
| ${ }_{6}^{2889} 08 \_1$ | extension to <br> 08_03 |  |  |
|  |  | Eagan, | 31/03/200 |
|  |  | Dave Bell, |  |
|  |  |  |  |
| ${ }_{\text {cos }}^{\text {2889_08_1 }}$ | pitch to base resurvey) |  |  |
|  |  |  | 10/08/200 |
|  |  | Neill ${ }^{\text {Alasair }}$ |  |
| -08_1 | to NW sandstochoke |  |  |
|  |  | Eeaan, | 31/03/200 |
|  |  | ${ }_{\text {den }}^{\text {Alasdair }}$ |  |
|  |  |  |  |
| 2889_08_1 |  |  |  |
|  |  |  | $8_{8}^{31 / 03 / 200}$ |
|  |  | Alasdair |  |
|  | Butermere |  |  |
|  |  |  |  |
|  |  | Latimer, Bob |  |
| ${ }_{0}^{2889} 08$ |  | Toogood |  |
|  |  | Jam |  |
|  | Dingle Prin | $\substack{\text { caris } \\ \text { johnn } \\ \text { dol }}$ |  |
|  | ${ }^{\text {Preaty Pushain }}$ | ${ }_{\text {Lat }}$ |  |
|  |  | ${ }_{\text {And }}{ }_{\text {Prind }}$ |  |
|  |  |  |  |
|  | "50m rift" batch 08_37 |  |  |
|  |  | Latatimer, |  |
|  |  | ${ }_{\text {Andy }}{ }_{\text {Pringle }}$ |  |
| 9_08_2 | Whitworth |  |  |
|  |  | Latimer, | ${ }_{8}^{25 / 07 / 200}$ |
|  |  | ${ }_{\text {L }}$ Andimer |  |
| 29 | $\underset{\text { (HL) }}{\text { Whitw }}$ |  |  |
|  |  | ${ }_{\text {Leatimer }}$ | ${ }_{8}^{30707 / 20}$ |
|  |  | Cariste |  |
| _08-2 | LakeBassenthwaite to CU@CC |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  | ${ }_{\text {n }, ~}^{\text {a }}$ |  |
|  |  | james Carisise |  |
| 2889_08_2 |  |  |  |
|  |  | Giledill, |  |
|  |  | Sherringto | 27/07/2 |
|  |  | n, |  |
|  |  | ${ }_{\text {james }}$ |  |
|  |  | Carisis |  |
| -08 |  | Sim |  |
|  |  | Leatimer, |  |
|  | "Team A" |  | 7/2 |
|  |  |  |  |
|  |  | $\begin{aligned} & \text { Bover } \\ & \text { Boogood } \\ & \text { Togod } \end{aligned}$ |  |



| 89_09_0 | Leg up in terminal boulder choke | Phil Papard Mark Smith (Killer) |  |
| :---: | :---: | :---: | :---: |
| ${ }_{6}^{2889 \_09 \_0}$ | E parallel passage to 09_02 \& 09_07 | Johnny <br> Latimer <br> Jude <br> Onions <br> Lloyd <br> Cawthorne | $\begin{aligned} & 12 / C \\ & 9 \end{aligned}$ |
| $\begin{aligned} & 2889 \_09 \_0 \\ & 7 \end{aligned}$ | continues <br> 09_02; end <br> Easter 2009 | Dan <br> Hibberts <br> Bob <br> Toogood <br> James <br> Wood <br> (Rodders) | $\begin{aligned} & 13 / 04 / 2 \\ & 9 \end{aligned}$ |
| 889_09_0 | Hi-level scale, S of Bassenthwaite | Johnny Latimer, Jude Onions (DistoX) | $\begin{aligned} & \text { 04/08/200 } \\ & 9 \end{aligned}$ |
| 89_09_0 | Loop to batch 09_14 | Johnny Latimer, Jude | $\begin{aligned} & \text { 06/08/200 } \\ & 9 \end{aligned}$ |
| $\begin{aligned} & 2889 \_09 \\ & 10 \end{aligned}$ | S ext $W$ and mid (cow11 \& 12) (PART RPLCD by 14_12) | James Wood (DistoX) | $\begin{aligned} & 06 / 08 / 20 \\ & 09 \end{aligned}$ |
| ${ }_{11}^{2889 \_09-}$ | End of middle passage (cow21) (REPLACED by 14_12) | Martin Barnicott (DistoX) | $\begin{aligned} & \text { 06/08/20 } \\ & 09 \end{aligned}$ |
| 89_09_1 | End of W passage (0608091) | Martin Barnicott Andrew Latimer (DistoX) | ${ }_{9}^{06 / 08 / 200}$ |
| 89_09_1 | Sandston Colandar | Johnny Latimer, Jude Onions | $\begin{aligned} & \text { 08/08/200 } \\ & 9 \end{aligned}$ |
| 89_09_1 | SE extension off 09_09 <br> (Ed's <br> Birthday) | Johnny Latimer, Jude Onions | $\begin{aligned} & \text { 08/08/200 } \\ & 9 \end{aligned}$ |
| 2889_09_1 | S and E low level (Vaca61, 62, 63 and 66) | Martin Barnicott, Andrew Latimer (DistoX) | $\begin{aligned} & \text { 08/08/200 } \\ & 9 \end{aligned}$ |
| $\begin{aligned} & 2889 \_09 \_1 \\ & 6 \end{aligned}$ | Cl up at S end (Vaca 31) | ? (DistoX) <br> Andrew <br> Latimer | $\begin{aligned} & \text { 08/08/200 } \\ & 9 \end{aligned}$ |
| $\begin{aligned} & 2889 \_09 \_1 \\ & 7 \end{aligned}$ | Continues east extension low level |  | $\begin{aligned} & \text { 08/08/200 } \\ & 9 \end{aligned}$ |
| 89_09_1 | Continues east extension low level <br> (Vacabarny1) | Martin Barnicott (DistoX) | ${ }_{9}^{\text {08/08/200 }}$ |
| $\begin{aligned} & 2889 \_0 \\ & 19 \end{aligned}$ | ends east extension (2889_09_1 91) | James Wood (DistoX) | ${ }_{09}^{13 / 08 / 20}$ |
| $\begin{aligned} & \text { 2889_09_2 } \\ & 0 \end{aligned}$ | Ends S extension (Vaca 51) | Martin Barnicott (DistoX) Bill | $\begin{aligned} & 13 / 08 \\ & 9 \end{aligned}$ |
| $\begin{aligned} & 2889 \_10 \_ \\ & 01 \end{aligned}$ | Frizington Extensions | Sherringt <br> on, Tom <br> Clayton, <br> Dave <br> Gledhill | 1/4/ |
| $\begin{aligned} & 2889 \_10- \\ & 02 \end{aligned}$ | Big Passage extensions | Rob <br> Grimes, <br> Dan <br> Hibberts, <br> Bob <br> Toogood | 1/ |
| 89_10_0 | La Bella Durmiata off east of Lechuguilla Passage | Diane <br> Arthurs Johnny Latimer | 10/8/2010 |
| 89_10_0 | (tie-in resurvey) | Diane Arthurs Johnny Latimer | 10/8/2010 |
| $\begin{aligned} & 2889 \_10 \_0 \\ & 5 \end{aligned}$ | passage under Room 10: The Learning Support Dept. | Diane Arthurs Johnny Latimer | 10/8/2010 |
| 89_10_0 | Deep Rifts Passage (part 1) | Jude <br> Onions <br> Johnny <br> Latimer <br> Sue Ryall <br> Paul Dold | 15/8/2010 |
| ${ }_{7}^{2889 \_10 \_0}$ | NNW from Guano Chamber (links back to known passage) | Johnny <br> Latimer <br> Pete Smith | 17/8 |
| $\begin{aligned} & 2889 \_10 \_0 \\ & 8 \end{aligned}$ | Deep Rifts Passage (part 2) | Pete Smith Paul Dold | 17/8/2010 |
| $\begin{aligned} & 2889 \_11 \_ \\ & 01 \end{aligned}$ | Push @ south end | Jess <br> Eades Dan <br> Hibbert <br> Rob <br> Grimes <br> Bob <br> Toogood | $\begin{aligned} & 19 / 4 / 201 \\ & 1 \end{aligned}$ |
| $\begin{aligned} & 2889 \_11 \_0 \\ & 2 \end{aligned}$ | Push Suit Wrecker Inlet | James <br> Wood Jon Pemberton | 19/4/20 |
| $\begin{aligned} & 2889 \_11 \_0 \\ & 3 \end{aligned}$ | High Street Oxbow | James <br> Wood Jon Pemberton | 23/4/2 |
| 89_11_0 | Dive @ Buttermere into chamber | Jim Lister Colin Hayward | 18/5/2 |
| $\begin{aligned} & 2889 \_11 \_ \\ & 05 \end{aligned}$ | Extension from Ed's BP under Deep | Johnny \& Jude <br> Latimer | ${ }_{1}^{13 / 8 / 2}$ |


|  | Rifts <br> Passage |  |  |
| :---: | :---: | :---: | :---: |
| $\begin{aligned} & 2889 \_12 \_0 \\ & 1 \end{aligned}$ | Connection to Wild Mare (diving) | Colin Hayward \& Jim Lister | 27/4/2 |
| ${ }_{2}^{2889 \_12 \_0}$ | Upstream Whitworth | Colin Hayward \& Jim Lister | 8/7/20 |
| $\begin{aligned} & 2889 \_13 \_0 \\ & 1 \end{aligned}$ | Wrong Trousers push | Diane <br> Arthurs, <br> Simon <br> Cornhill, <br> James <br> Carlisle | 7/4/2013 |
| ${ }_{2}^{2889 \_13 \_0}$ | Upstream Whitworth and Elephant Sump area | Colin <br> Hayward \& Jim Lister | 31/7/2 |
| $\begin{aligned} & 2889 \_13 \_0 \\ & 3 \end{aligned}$ | Survey check: Bassenthwaite duck Elephant Sump | Johnny <br>  <br> Paul Dold | 5/8/2013 |
| 2889_13_0 | End of <br> Wasdale <br> Screes - up in roof | Johnny <br>  <br> Jude <br> Latimer, <br> Paul Dold | 6/8/2013 |
| $\begin{aligned} & 2889 \_13 \_0 \\ & 5 \end{aligned}$ | End of Deep Rifts Passage | Tom <br> Howard, Ed Harrison \& Paul Dold | 6/8/2013 |
| $\begin{aligned} & 2889 \_13 \_0 \\ & 6 \end{aligned}$ | From <br> 09_07.49 S of <br> Room 10 | Johnny <br>  <br> Jude <br> Latimer, <br> Paul Dold | 6/8/2013 |
| ${ }_{7}^{2889 \_13 \_0}$ | Passage above 'Bathtime' | Johnny <br> Latimer \& Paul Dold | 6/8/2013 |
| $\begin{aligned} & 2889 \_13 \_0 \\ & 8 \end{aligned}$ | starts stn 8A on boulder just to E of Jack's Rake | Johnny <br> Latimer <br> Chris <br> Hibberts Ed <br> Harrison | 7/8/2013 |
| $\begin{aligned} & 2889 \_13 \_0 \\ & \hline \end{aligned}$ | Links S end of Frizzington Exts to start of Ed's BP | Johnny <br> Latimer <br> Chris <br> Hibberts Ed <br> Harrison | 7/8/2013 |
| $\begin{aligned} & 2889 \_13 \_1 \\ & 0 \end{aligned}$ | Under entrance shaft | James <br> Carlisle <br> Tony Rooke | 9/8/20 |
| $\begin{aligned} & 2889 \_13 \_1 \\ & 1 \end{aligned}$ | Wrong Trousers extension | James <br> Carlisle <br> Djuke <br> Veldhuis | 9/8/2013 |
| $\begin{aligned} & 2889 \_14 \_0 \\ & 1 \end{aligned}$ | Hardknott Pass (above Wasdale Screes) up to BMCH entrance | Simon <br> Cornhill <br> Diane <br> Arthurs <br> (over a <br> number of days) | 19/8/2014 |
| ${ }^{2889}{ }^{288}{ }^{14}-$ | Frizzington Series part resurvey and extensions | Simon <br> Cornhill <br> Diane <br> Arthurs <br> (over a <br> number of days) | 27/8/2014 |
| $\begin{aligned} & 2889 \_14 \_0 \\ & 3 \end{aligned}$ | Fanny Bramble Passage | John <br> Palmer Dan <br> Hibberts <br> Bob <br> Toogood | 12/11/2 |
| 89_14_0 | Should Gone to SpecSavers | John <br> Palmer Dan <br> Hibberts <br> Bob <br> Toogood | ${ }_{4}^{12 / 11 / 201}$ |
| 2889_14_0 | Roa Island | Simon Cornhill \& Diane Arthurs | $4^{24 / 12 / 201}$ |
| $\begin{aligned} & 2889 \_14 \_0 \\ & 6 \end{aligned}$ | Let it Snow (near Help Me Lloyd) | Simon Cornhill \& Diane Arthurs | ${ }_{4}^{26 / 12 / 201}$ |
| $\begin{aligned} & 2889 \_14 \_0 \\ & 7 \end{aligned}$ | Maethop Passage | Simon <br>  <br> Diane <br> Arthurs | ${ }_{4}^{29 / 12 / 201}$ |
| $\begin{aligned} & 2889 \_14 \_0 \\ & 8 \end{aligned}$ | Grange-overSands | Simon Cornhill \& Diane Arthurs | ${ }_{4}^{29 / 12 / 201}$ |
| $\begin{aligned} & 2889 \_14 \_0 \\ & 9 \end{aligned}$ | Roose Chamber | Simon <br>  <br> Diane <br> Arthurs | ${ }_{4}^{30 / 12 / 201}$ |
| ${ }^{2889 \_14-1}$ | Loop | Simon Cornhill \& Diane Arthurs | $4^{30 / 12 / 201}$ |
| $\begin{aligned} & 2889 \_14 \_1 \\ & 1 \end{aligned}$ | Gillinggate \& Capt French Lane | Simon <br>  <br> Diane <br> Arthurs | $4_{4}^{31 / 12 / 201}$ |
| 89_14_1 | REPLACEMENT <br> for 9_11 and PART <br> REPLACEMENT for 9_10 and 'Should Have Gone to Surveying School' \& 'Banger No. 5' | Simon Cornhill \& Diane Arthurs | 1/1/2015 |
| $\begin{aligned} & 2889 \_15 \_ \\ & 01 \end{aligned}$ | End of Deep Rifts <br> Passage (no passage detail) | Johnny <br>  <br> Tom <br> Howard | 1/4/20 |
| ${ }_{2}^{2889 \_15 \_0}$ | Should Gone to Survey School (side passages) | Simon <br> Cornhill \& Diane Arthurs \& James Carlisle | 1/4/2015 |


| $\begin{aligned} & 2889 \_15 \_0 \\ & 3 \end{aligned}$ | End of Deep Rifts Passage (15-01 continued) | Simon <br>  <br> Diane <br> Arthurs | 3/4/2015 |
| :---: | :---: | :---: | :---: |
| $\begin{aligned} & 2889 \_15 \_0 \\ & 4 \end{aligned}$ | Doldy's <br> Draughting Rift | Simon <br>  <br> Diane <br> Arthurs | 15/4/2015 |
| $\begin{aligned} & 2889 \_15 \_0 \\ & 5 \end{aligned}$ | West of Pont Aven | Simon <br>  <br> Diane <br> Arthurs | 14/4/2015 |
| $\begin{aligned} & 2889 \_15 \_0 \\ & 6 \end{aligned}$ | Swarthmoor loop | Simon <br>  <br> Diane <br> Arthurs | 14/4/2015 |
| ${ }_{7}^{2889 \_15 \_0}$ | End of Deep Rifts | Pete <br> O'Neill, <br> Dave Dillon <br> \& Tom <br> Howard | 6/8/2015 |
| 2889_15_0 | Out to Cuba Libre entrance (site 4182) | Pete <br> O'Neill, <br> Dave Dillon <br> \& Tom <br> Howard | 6/8/2015 |
| ${ }_{9}^{2889 \_15 \_0}$ | continue batch 15_07 | Rauol Charman, Dave Dillon \& Tom Howard | 6/8/2015 |
| $\begin{aligned} & 2889 \_15 \_1 \\ & 0 \end{aligned}$ | Doldy's Draughting Rift extension | Pete <br> O'Neill, <br> Pete Smith <br> \& Dave <br> Dillon | 13/8/2015 |
|  | Connection pitch from 4117 <br> surveyed <br> (4117-2015a- <br> 01) | Alasdair Neill \& Peter Eagan | $\begin{aligned} & 14 / 10 / 201 \\ & 5 \end{aligned}$ |
| $\begin{aligned} & 2889 \_15 \_1 \\ & 1 \end{aligned}$ | Suit Wrecker Inlet: inlet to south | Bob <br> Toogood, <br> Dave <br> Gledhill, <br> James <br> Wood, Jon <br> Pemberton | ${ }_{5}^{11 / 11 / 201}$ |
| ${ }_{2}^{2889 \_15 \_1}$ | Suit Wrecker Inlet: push end: 'Friday the 13th' | Bob <br> Toogood, <br> Dave <br> Gledhill, <br> James <br> Wood, Jon <br> Pemberton | $\begin{aligned} & 13 / 11 / 201 \\ & 5 \end{aligned}$ |
| 2889_16 | End of Doldy's Draughting Rift (continues) | Simon <br>  <br> Diane <br> Arthurs <br> (not <br> surveyed) | 16/3/2016 |
| $\begin{aligned} & 2889 \_16 \_0 \\ & 1 \end{aligned}$ | Fred Whitton Series (most) | Simon <br>  <br> Diane <br> Arthurs | March 2016 |
| ${ }_{2}^{2889 \_16 \_0}$ | Bolt climb NE of Scafell Aven | James <br>  <br> Anthony <br> Day | 20/3/2 |
| $\begin{aligned} & 2889 \_16 \_0 \\ & 3 \end{aligned}$ | Upstream from Can You Hear the Buzzin'? | Simon <br>  <br> Diane <br> Arthurs | 24/3/2016 |
| $\begin{aligned} & 2889 \_16- \\ & 04 \end{aligned}$ | Code Brown | Tom <br> Howard <br> Alex <br> Ritchie <br> Johnny <br> Latimer | $31 / 3 / 201$ |
|  | Passage | $\underset{\text { Tom }}{\text { Howard }}$ |  |
| $\begin{aligned} & 2889 \_16 \_ \\ & 05 \end{aligned}$ | west of <br> Buzzing Gets Closer | Alex Ritchie Johnny Latimer | ${ }_{6}^{31 / 3 / 201}$ |
| ${ }_{6}^{2889 \_16 \_0}$ | Pitch near Cuba Libre entrance | Tom Howard Alex Ritchie | 28/3/20 |
| $\begin{aligned} & 2889 \_16 \_0 \\ & 7 \end{aligned}$ | Fred Whitton loop | Simon <br>  <br> Diane <br> Arthurs | 24/7/2016 |
| $\begin{aligned} & 2889 \_16 \_0 \\ & 8 \end{aligned}$ | Rynose Pass side passage | Simon <br>  <br> Diane <br> Arthurs | 24/7/2016 |
| $\begin{aligned} & 2889 \_16 \_0 \\ & 9 \end{aligned}$ | Link to Pablo's Peppers Passage | Simon <br>  <br> Diane <br> Arthurs | 24/7/2016 |
| $\begin{aligned} & 2889 \_16 \_1 \\ & 0 \end{aligned}$ | S side of Scafell Aven to $\mathrm{F} @ \mathrm{BG}$ | Simon <br>  <br> Diane <br> Arthurs | 24/7/2016 |
| $\begin{aligned} & 2889 \_16 \_1 \\ & 1 \end{aligned}$ | Whitehavens area down to Tuna Can Corner | Simon <br>  <br> Diane <br>  <br> James <br> Carlisle | 27/7/2016 |
| $\begin{aligned} & \text { 2889_16_1 } \\ & 1 \end{aligned}$ | Whitehavens area down to Tuna Can Corner continued | Simon Cornhill \& Diane Arthurs | 28/7/2016 |
| $\begin{aligned} & 2889 \_16 \_1 \\ & 2 \end{aligned}$ | Mancunian Candidate downstream | Simon <br>  <br> Diane <br>  <br> James <br> Carlisle | 30/7/2016 |
| $\begin{aligned} & 2889 \_16 \_1 \\ & 3 \end{aligned}$ | Shoulder of Mutton area | Simon <br>  <br> Diane <br>  <br> James <br> Carlisle | 30/7/2016 |


| $\begin{aligned} & 2889 \_16 \_1 \\ & 3 \end{aligned}$ | Shoulder of Mutton area continued | Simon <br>  <br> Diane <br> Arthurs | 1/8/2016 |
| :---: | :---: | :---: | :---: |
| $\begin{aligned} & 2889 \_16 \_1 \\ & 2 \end{aligned}$ | Downstream <br> Bathtime / <br> Manc <br> Candidate <br> continued | Simon <br>  <br> Diane <br> Arthurs | 1/8/2016 |
| $\begin{aligned} & 2889 \_16 \_1 \\ & 3 \end{aligned}$ | Shoulder of Mutton area Rib Tickler area | Simon <br> Cornhill \& Diane Arthurs | 4/8/2016 |
| $\begin{aligned} & 2889 \_16 \_1 \\ & 4 \end{aligned}$ | Shoulder of Mutton area | Simon Cornhill \& Diane Arthurs | 4/8/2016 |
| $\begin{aligned} & 2889 \_16 \_1 \\ & 5 \end{aligned}$ | Doldy's Draughting Rift | Simon Cornhill \& Diane Arthurs | 6/8/2016 |
| $\begin{aligned} & 2889 \_16 \_1 \\ & 6 \end{aligned}$ | Frizzington Extensions (Snow Dome) | Simon Cornhill \& Diane Arthurs | 6/8/2016 |
| $\begin{aligned} & \text { 2889_16_1 } \\ & 7 \end{aligned}$ | Resurvey with corrections \& additions: <br> Scafell to Fred W | Simon Cornhill \& Diane Arthurs | $\begin{aligned} & 31 / 12 / 201 \\ & 6 \end{aligned}$ |
| $\begin{aligned} & 2889 \_17 \_0 \\ & 1 \end{aligned}$ | Mard Arse to Shoulder of Mutton | Simon <br>  <br> Diane <br> Arthurs | 28/7/2017 |
| $\begin{aligned} & 2889 \_17 \_0 \\ & 2 \end{aligned}$ | far end of Frizzington | Simon Cornhill \& Diane Arthurs | 16/8/2017 |
| $\begin{aligned} & 2889 \_18 \_0 \\ & 1 \end{aligned}$ | St Bee's Knees | Diane <br>  <br> Darren <br> MacKenzie | 17/4/2018 |
| $\begin{aligned} & 2889 \_18 \_0 \\ & 2 \end{aligned}$ | $\begin{aligned} & \text { Off stn } \\ & \text { 13_07.8 } \end{aligned}$ | Simon <br> Cornhill, <br> Diane <br> Arthurs, <br> Darren <br> MacKenzie <br>  <br> Helen <br> Hooper | 17/4/2018 |
| --- | Lake <br> Bassenthwaite to Cockup @ Cockermouth notes | Jim Lister | 19/8/2019 |
| --- | L. <br> Bassenthwaite thro' Elephant Sump to U. Whitworth sketch | Jim Lister | 19/8/2019 |
| $\begin{aligned} & 2889-21- \\ & 01 \end{aligned}$ | Preferred upstream route to C@CC | Simon <br>  <br> Diane <br> Arthurs | 24/7/2021 |

## Entrance to "Downstairs" - the lower

## stream level and Squality Stree

rubbish-strewn hole on the right at the back of the entrance shaft. A vertical drop of 9 m rigged from unsatisfactory naturals, reaches a lower, rubbish-floored chamber from where a second drop of 6 m (requiring where a second drop of (requiring a rift there is a drippy aven at one end but a mere is a drippy aven at one end but a mud bank in a large chamber. At the base a mud bank in a large chamber. At the base of this chamber is a small streamway reached by a scramble down a greasy muc slope. This has been surveyed both left, upstream (survey batches 2889_08_01 and 2889_08_10) and right, downstream (survey batches 2889_08_02 and 2889_08_09).

Also at Easter 2013, another pitch was followed down 4 m on the second pitch although the stooping height passage seer was not be entered due to the unstable nature of boulders. This was entered and surveyed as batch 2889_13_10 for 22 m in August 2013. The route reaches a boulder slope down to a p5 and a slope down to a

To follow upstream, the second mud bank is climbed and then a drop follows into the crawling-sized, muddy and damp passage at stream level (The Wrong Trousers). This was originally explored to the east for approximately 150 m , still going but very muddy and squalid (batch 2889_08 01)

At Easter 2013 the flat out crawl was extremely wet, being forced through a duck in fast flowing water. In the summer this was totally dry! The crawl emerges into a tall rift with black voids overhead, the main way on is a passage to the left. Straight on a climb up gains a small chamber
(Stn:2889_13_01.1.10). Turning left the passage continues past a squeeze on the right into an enlargement, here the wate emerges out of an impenetrable inlet. Ahead a climb gains a steep rift chamber (Stn:2889_13_01.2.8). At the southern and highest end a passage high up can be seen at the top of a 70 degree muds slope, this was accessed but unfortunately ends in a was accessed but unfortunately ends in
blind alcove. At this level in the opposite direction, a bolt traverse was halted due to reaching a sandstone band

To the southeast a passage ends in a low chamber with a climb up a narrow slot,

## MATIENZO UNDERGROUND site descriptions (printed 19/02/2024)

 Volume 4 - page 112which emerges in the chamber at Stn:2889_13_01.1.10. A climb over a for some distance until digging is needed Heading north from the tall rift chamber, climb up and down then a squeeze to the left passes a cross rift where a T-junction is met (Stn:2889 13 01.1.10). To the right a 1.5 m climb (batch 2889_13_11) continues the mud theme, with 'slippery climbs up the mud theme, with 'slippery climbs small rifts and down boulder choked
passages'. The northern limit is a mud-filled passages'. The northern limit is a mud-filled bedding that continues. Just back from here there is a 6 m climb up into a higher passage
that has not been done. that has not been done.
To the left a slope down reaches a small confluence: to the right a rift meets a dripp choked aven where the rift continues tight, sharp and unpushed.
The whole of the Wrong Trousers is a rather squalid affair! (Wrong Trousers Easter 013 description by Simon Cornhill)
Back in the main chamber, a climb up a mud slope leads to a southern continuation of the main chamber and some stal but it soon closes down leaving only a low draughting dig.

Downstream is more complex than the survey of Squality Street might suggest evels as well as a confusing low section. Squality Street is accessed via a drop down through a slot at the western side of the main chamber on the same tier as the the main chamber on the same tier as the
passage leading to the entrance pitch. The passage leading to the entrance pitch.
route through is to follow the water in confusing crawls downstream until it confusing crawls downstream untir it runs under a very low boulder / bedding. At this
point look up at roof to see very deep point look up at roof to see very deep anastomoses. Avoid getting wet by climbing
out of the water up boulders. This leads to out of the water up boulders. This leads to
another large chamber that is intersected b another large chamber that is intersected b) a high cross-passage, choked at both ends.
Up in the roof here leads to a traverse over Up in the roof here leads to a traverse over
loose boulders (care!) to an unclimbed aven loose boulders (care!) to an unclimbed aven perhaps 50 m or more in height). A dug o
hole to the right allows a drop through, hole to the right allows a drop through, passing under boulders (care!) to regain the
water which then develops into a 1.5 m wide muddy streamway, approximately 7 m high with large mud banks becoming common as the sump approaches. It is worth another look at the sump in dry weather (batch 2889_08_02.) About 10 m before the sump, an obvious inlet enters on the right. This starts as walking passage but soon reduces to a crawl and was left (batch 2889_08_09) at a point requiring a flat-out crawl in water Downstream Squality Street may well be the inlet seen downstream of the sump from

## Eely Mud Eye Chamber

## Entrance to the north

The right hand branch from the entrance (batch 08_04) is easy going rift passage with a few corners and oxbows until a draughting stal blockage is met. There are ways through at floor and high level. The present end is well decorated and the floor is covered in old straws calcited onto the floor. The passage continues beyond a stal blockage.

Entrance to Red Pike Junction - the main route in
The route (batch 08_03) starts as a short crawl under the north wall of the entrance shaft (beware of old bones and broken glass) entering a short climb down to an immediate junction. To the right and north lies batch 08_04. Immediately to the left a climb up reaches a decorated bedding at roof level with a narrow trench in the floor The crawl emerges at a right angle bend with another trench. (This has been descended and linked to Precarious Passage via a low tight squeeze, batch start of the $\mathbf{1 8 0} \mathbf{m}$ Rift where it is possible start of the $\mathbf{1 8 0 m}$ Rift where it is possibl
to climb up). A crawl along the left wall to climb up). A crawl along the left wall
reaches a climb down to the left - the sta reaches a climb down to the left - the start
of the Garage Party, $\mathbf{1 8 0 m}$ Rift. The low passage to the right appears to choke. The Garage Party 180m Rift is an almost straight line passage that heads off
at a bearing of 235 degrees. The whole of this passage is easy walking or traversing with a number of side passages along its length.
After 33 m , a 3 m high passage comes in from the north with sandstone in the wa Passage and a large area of sandston collapse. Batches 08_08 and 08_18 are the surveys of this area. Precarious Passage surveys of this area. Precarious Pa
starts as easy walking past unstable starts as easy walking past unstable
formations until a junction is met. Righ chokes quickly but left leads to a large area chokes quickly but left leads to a large ar of unstable blocks. A climb down at the entrance can be bypassed by scrambling
along the left wall but this is loose. The end of this passage has low crawls which could
of lone be dug but has no draught. A passage on the right leads to a large low chamber littered with fallen blocks of sandstone (care, very unstable). Straight on at the junction a short climb up enters a series of
MATIENZO UNDERGROUND - site descripitions (printed 19/022/2024) $\begin{gathered}\text { Volume } 4 \text { - page } 113\end{gathered}$
connecting rifts, staying high ahead leads to
the large low chamber littered with fallen the large low chamber littered with fallen
blocks, or left back to Precarious Passag A climb down through boulders to the right leads to solid rift passage and a 6 m pitch with low crawls and no way on. Across the pitch a decorated crawl leads back to the entrance series past a very tight squeeze.
Fifty metres along this crawl a short, tight Fifty metres along this crawl a short, tight
climb up enters a 4 m dia decorated chamber climb up enters a 4 m dia decorated cha
with no way on. There are a number of with no way on. There are a number of
crawls in this area under blocks but all seem crawls in this area under blocks bungerously loose
The main route continues as walking or clambering past the Anorexic Pornstar, a 3 m high column. The next passage, at Batman Junction, goes off on the south side as Photographers' Passage. This is very well decorated, forcing cavers to twist and crawl around the formations. It eventually emerges part way up the rift in the p12 area. Photographers' Passage has been taped off as the passages at th end can be reached by other routes. The 180m Rift continues up through trench
Two passages set off at roof level on the north side. The first is choked after 5 m with Passage, is initially a crawl decorated with Passage, is initially a crawl decorated with rift, up to 20 m deep (down to Paradise Lost?), and currently ends, full of stal, after 56m.
On the south side, 3 narrow rifts eventually unite. The first links round to the second and continues to a lined, exposed traverse The 12 m , ladder-and-line pitch can now be than at the start of the traverse, rather than at the far end. (At the far end of the traverse, the sandy-floored passage meets up with the route from Penguin Passage.)
The third passage from the Garage Party is at the base of a climb down from a roof traverse level, just after a fine group of stal on a false floor. This leads to an enlarged joint going off to the south - Penguin Passage, and goes past a spot where the narrow passage is divided in two by a 1.8 m tall, repaired column which must be passed (if necessary) with great care and preferably crawling at floor level. (Log book account of repair, January 2009). Other isolated formations are passed as the passage follows the joints until a step down into small chamber and a short crawl to the right. The route back round to the the traverse lies up a lower section to the le with a sandy floor and a left turn into the traverse joint
This latter passage has a high level route, Leg Over Passage (batch 08_43), which heads back towards Red Pike. Leg Ove Passage is entered via a 3 m climb up opposite the end of Penguin Passage. To the east a 4 m climb down rejoins the passage. To the right (west), awkward crawling with one leg in a trench, eventually looks down into the main passage on its way to Red Pike Junction. Part way along the crawl a 3m climb down enters the main passage.
All routes emerge at a junction, Red Pike, tall stalagmites. To the south, just before reaching Red Pike, a 30 m deep pitch has at the base, a rift going through to a parallel shaft coming from above. There is no way on but, halfway down the pitch, a landing on boulders has a second drop to the west which is undescended. [Note F: (PS1) from the survey]. To the north, a short passage "bets a choked 36 m pitch which drops to base level" (batch 08_16 and 08_16a)解 a p8 into Gour Passage to link to step ov base of the p 12 .
Just before the 180m Rift closes down in a mud choke, a passage (batch 08_14) sets off on the left at Bollard Junction over guano turning to the west and ending at an undescended p20 and a visual connection through stal to a big passage, presumably the one heading north from Red Pike.

Top level - north of Red Pike North from Red Pike walking in a 4 m high and wide passage passes between columns the floor and boulders rather suspect in the floor and boulders rather suspect in places with deep pits, some undescended
Some of the stalagmites are also loose Some of the stalagmites are also loose having grown on sand and or decaying sandstone blocks. Where the passage swings to the left, a route up on the east side leads via a handline to a 31 m straight hang pitch which drops into Crap Passage, batch 08_33. The landing is in muddy passage, but apparently not at "base level". Upstream is easy walking to a short crawl and sump, while downstream continues to 15 cm high, muddy, wet and draughting continuation.
There is a small passage going off near to the Crap Passage entry point which may MATIENZO UNDERGROUND site descriptions (printed 19/02/2024) Volume 4 - page 114
be the same feature. [Note A on the survey (PS4/PE4) Ramp up from chamber over a lip
to a 6 m drop on the left to a small chamber with a rock floor. This has a rift about 5 m long and up to 1 m wide with a straight drop 32 m deep, with a pool at the base. Bolts were placed for descent but remains were placed for descent but remains undescended. On the right a cra
chokes. This describes the initial
chokes. This describes the initial
explorations for the nearby Crap Passage.]
The passage heading off to the north
The passage heading off to the north
through a squeeze past stal is surveyed as through a squeeze past stal is surveyed as
batches $08-07$ and $08 \_17$. After 15 m from batches $08=07$ and $08 \_17$. After 15 m from
the squeeze, a 27 m deep pitch on the right has a possible flat floor but is unexplored (note $B$ on the survey). The passage enlarges and swings round to the west. On the southern side, there is a deep rift under boulders that requires gardening (note D ). At the western end, a traverse is negotiated by wedging across the top of a rift. After 15 m a small chamber is reached with a continuation on the right which starts to get small after 10 m (note E). The main route continues north (as a lined traverse??) to a choke with roots and a draught.

Back before the stal squeeze, the
hamber to the west conceals "a deep rift under boulders which requires much ardening" (note C). The western en appear blocked with sandstone collapse anc tree roots. The southern side contains a narrow, undescended $20-30 \mathrm{~m}$ pitch and a 40 m pitch to a choke. The long rift has beer traversed for some distance at a high level and it is likely to connect with the 'narrow sharp rift' south of the Red Pike Junction area. It may be worth while having team at both ends to con

## Top level - south of Red Pike and

 ButtermereHeading south from Red Pike (batch 08_05), a 3 m climb on the western wall enters about 15 m of passage to a choke (said to be a long-term dig when investigated at Easter 2015) with a section of sharp, dry and narrow rift to the right. (batch 08_06). This could link to a rift investigated at the northern end. A 36 m deep pit is immediately encounted on the down into Buttermere, batch 08 19. (See Eldon PC Newsletter, p14). The pitch drops into a high and narrow rift passage. From the bottom of the pitch a mud bank slopes down into deep water. At water level the passage is 2 metres wide narrowing above below. The water is very deep
However, it is possible to traverse the
upstream section (if you have long legs) without getting wet. This ends in a non draughting dig through sand under a low roof. Downstream from the pitch is a swimming section which ends in a sump which cuts under the right hand wall. There are a number of avens in this section (marked on the survey). The sumps were investigated by Jim Lister over Easter 20 Downstream was impossible due to the current at the time and upscount can be less flow. (The logbook account can be found here.)

The downstream Buttermere sump was dived in May 2011 by Jim Lister and Colir Hayward. (Logbook account and blog) couple of metres before the arch leading to couple of metres before the arch leading to
the downstream sump. A duck under a flake the downstream sump. A duck under a flake
( 2.5 m deep) leads to a canal continuation $(2.5 \mathrm{~m}$ deep) leads to a canal continuation
of the Buttermere passage. After 25 m the of the Buttermere passage. After 25 m the
roof drops down to the water again. Ahead, roof drops down to the water again. Al
a mud bank with a boulder blocks the a mud bank with a boulder blocks the
passage (where an eel was seen) but a passage (where an eel was seen) but a
cross rift to the left (west) at this point cross rift to the left (west) at this point
enters a cross rift and surfaces in a pool in one corner of a chamber (Eely Mud Eye Chamber) with rifts leading off. (This second dive is also a short, 2.5 m deep duck.)
The chamber appears to be made up of a series of joined rifts. The floor is a mixture of large boulders, sandy flood deposit formed into soft banks and pools of water al at the same level. Several possible rift climbs have been identified. A sump under the northeast corner wall was briefly inspected without diving kit and thought to offer the best option for future progress. Another potential sump under two large Another potential sump under boulders further east along the same wall (which may be the same sump?) was not looked at. [At the end of the 2011 dive, the centre line of grade 1 survey tached to the cave centre line as batch $\mathbf{2 8 8 9}$ _11_04 (amended 23/5/11) and there
is a sketch and amended sketch of the downstream Buttermere sump end and the chamber to the next sump.]

Diving in April 2012, Jim Lister and Colin Hayward passed the sump at the northern end of Eely Mud Eye Chamber into AGM Bypass, a rifty, bouldery chamber with a number of routes. One of these, the first Vaca - Wild Mare connection, dropped the divers into the furthest rift west in Terminal MATIENZO UNDERGROUND - site descriptions (printed $1902 / 2024$
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Chamber in Cave of the Wild Mare. Further exploration saw the divers passing downstream through the northern 'small sump in the floor' into Terminal Chamber. Another sump in Terminal Chamber was pushed (with 27 m of line) into an enlarged bedding and rift where it was just possible bedding and rift where it was just possible
to turn around in the blind end. A video of to turn around in the blind end. A video of the dives on YouTube can be seen here. A diving blog has also been put online the text wu can be seen here
Upstream Buttermere was also dived in April 2012 and connected to the stream in the Whitworth Series. Diving the
upstream sump in the Whitworth Series can be equipped through the five sumps
from the Wild Mare entrance rather than from the Wild Mare entrance rather than the somewhat awkward carry through Torca la Vaca. (The connection survey is batch 12_01.)
Diving upstream continued in the summer, 2012. Upper Whitworth Sump was passed to a muddy chamber (batch 12_02) and, further on, a large chamber just before the 51m-long Elephant Sump which emerged in Lake Bassenthwaite. The questions to answer at that time are outlined in the summer 2012 dives log. Diving by Jim and Colin was abandoned over Easter 2013 Colin was abandoned over Easter 2013 In the summer 2013, Colin and Jim In the summer 2013, Colin and Jin
finished their programme of dives by finished their programme of dives by surveying Elephant Sump to the bolt on the wall of Lake Bassenthwaite 2889 13 03). The route down and throug the sump and up the other side was resurveyed as batch $2889 \quad 1303$ which revealed an error of just a few metres in the Wild Mare / Cow Pot surveys. A further solo diving visit by Jim Lister in August 2019 (from the BigMat Calf Hole entrance) sketched more detail to this area. This is shown on the survey starting at version 2.30.

The high level route from Red Pike Junction continues with walking passage, 4 - 5 m wide and high, well decorated in places. Roughly half way along, it is possible to hear water down a narrow, choked rift. A few metres further on is a bolt climb on the same wall to an alcove with a narrow rif that may drop down into the Whitworth Series below. (Logbook account, January 2009). Ninety metres south of Red Pike, a junction is met with passages heading off in three directions

- To the west, the passage splits with both routes ending at sandstone chokes that were further investigated in February and April 2018. It is thought not worthwhile to continue digging here to try to cross over the lake to the south passages. The survey at this point is not very accurate (see
sketch). A small stream enters here in wet weather and sinks a short distance back in the main passage.
- To the northeast, after a short climb up, the passage splits with the lower right hand route becoming full of formations and the left hand route passing over a smal unexplored trench and past some nic formations to terminate at a low, mud dig. In wet weather water pours in from a crack in the
- To the southwest, a hands-and-knees passage encounters a 17 m pitch which drops into the chamber southwest of the Way Chamber, close to the route down to Lake Bassenthwaite

Routes from the p12 off the 180 m Rift
The pitch, in a north-south rift up to
about 15 m deep, is at the start of a traverse
There are 4 routes from the bottom of the pitch:
1: Heading north in the rift leads through
Slack Line Chamber to a traverse over an undescended, tight, 5 m deep hole and then a number of climbs down into Paradise Lost, where the route becomes too tigh (part batch 08_11). On the east side of the rift, in the floor of Slack Line Chamber, a route (batch 08_34) leads down into Squality Street via a 6 m pitch. There are Paradise Regain'd The first is a 20 m craw at floor level that emerges in the floor of Paradise Regain'd. The second is a climb to the northeast that enters a rift, passing a window and pitch into the crawl, and then dropping down as an easy climb int Paradise Regain'd. This area is well decorated with columns and pools. 2: Heading south from the pitch base enters a technical route in a rift that eventually emerges in 7-Way Chamber (batches from the 37 and 08_38). This is described from the other direction in "Routes from 7Way Chamber", below.
3: By using the installed handline at the base of the p12, Photographers' Passage can be climbed up into on the east wall. There should be no need to enter this MATIENZO UNDERGROUND site descripions (printed 19/02/2024) Volume 4 - page 116
profusely decorated passage. 4: On the west wall the same handline provides entry to the Pitch Bypass passage Photographers' Passage. If followed the end, this route through well decorated the end, this route through well dec passage emerges up into Red Pike.
However, part way along is an 8 m pitch However, part way along is an 8 m pitch
down into Gour Passage just south of Paradise Regain'd. This way is the is the preferred route" to 7-Way Chamber as it educes caver movements through Pengui Passage, Red Pike and Gour Chamber.

## Routes from Paradise Regain'd

A sloping climb up into the large tube on the north side, with a number of impressive
columns, should be carefully approached as columns, should be carefully approach
the stal may be easily damaged. The Dingle Pringle Pretty Pushing Passage to the north passes through the well decorated section into a mud-floored 3-4m wide, $5-6 \mathrm{~m}$ high joint which ends abruptly a a sandstone collapse after about 70m. On the western wall is a higher level passage that pops out in the northern wall o Paradise Regain'd.
There are a couple of ways to the south out of Paradise Regain'd. There is also red and white tape which is protecting some sensitive areas, eg a cracked mud floor -
please keep to the indicated route(s). After leaving the columns and calcite, Gour Passage, heading south, is $3-4 \mathrm{~m}$ wide and Passage, heading south, is $3-4 \mathrm{~m}$ wide and rather taller with a mud / sediment floor easy walking for about 100 m . At round about the 80 m mark, a bedding plane just above floor level on the right chokes. At the end, Gour Passage enters 7-Way Chamber.

Routes from 7-Way Chamber
The chamber, 10 m or so across with some stal in the middle, has arguably 7 routes off it. The first is the normal approach from the northwest through Gour Passage.
To the northeast is the entry for the $\mathbf{5 0 m}$ Rift. This passage is entered over a false technical after initial walking and traversing in a rift with muddy walls about 0,5 to $1,5 \mathrm{~m}$ wide. The passage is about 5 m deep and 5 10 m high. After passing over a p7 on a roped traverse ( 10 hangers were used on the original exploration), a crawl under a the original exploration), a crawl under a
chock stone reaches the rim of a 30 m high aven and a p18. The pitch takes a bit of water from the aven and the base is flat water from the aven and the base is flat gravel/mud with no way on. The way on is side (about 5 hangers), to reach a dry side (about 5 hangers), to reach a dry passage about 10 m high and 1.5 m wide with some stal formations and a 3 m section with a false floor about 1 m above the floor. The passage continues on to another aven with an 11 m pitch and a continuing passage about 4 m lower across the pitch and about 6 m above bottom of pitch. Up to the right across the pitch a too narrow hole is seen. The passage across can be reached via a pendulum. About 3 m into the passage it is the focal p12.

On the eastern side of 7-Way Chamber are a couple of short, low passages that draught. A larger route exists on the draught. A larger route exists on the
southern side where walking passage becomes smaller at a choke (not secomes sn

The seventh route is an obvious walk down to the southwest where, after a passage split, a roomy chamber is reached with marked station 08_11.34-a start or end point for a number of survey batches. To the
southwest, the chamber ends in a southwest, the chamber ends in a draughting boulder choke which has been looked at with the intention of passing over the Lake Bassenthwaite sump. Between
here and 0811.34 , on the north side, the here and 08_11.34, on the north si
f17 from the middle level drops in.

Also on the north side, a narrow rift enters the Whitworth Series (batches 08_22, and 08_22a) and the Whitworth Challenge (batch 08_42), described below. The Whitworth Series starts as a squeeze down a sharp rift for 3-4 metres then dropping into a small chamber. A crawling phreatic passage runs east-west (west to Whitworth Challenge) with the rift continuing north. The rift quickly opens up 2 m wide and high which is a muddy climb down before closing in to a 0.5 m wide passage. Here running water is heard and a climb up into a 0.75 m wide and high rift leads to the cascade and deep water. leads to the cascade and deep water. Downstream ends after 18 metres at a sump, upstream over a small cascade ends
after 15 metres at a sump in the right hand wall.
The east trending passage from the small chamber at the bottom of the tight rift leads into sand-floored phreatic passages. There are many oxbows and interconnecting parts in this section. The furthermost point is where the phreatic tube breaks out high in
the rift passage above the water. A number MATIENZO UNDERGROUND - site descriptions (printed 19/02/2022
of chocked boulders can be used get in
rift. (Very exposed with approx p10 to
water). Back at the small chamber, and
passage trends south under the main

The south side of the chamber has the only known route down to Lake altered in light of Jim Lister's notes,
2.5 metre high clean washed streamway
with water worn scallops and pools in the next section.)

Code Brown (batch 16_04) is a short 33 m ), rising passage from the Fisticuffs in Botchergate area There are two side passages off to the
east of the low level. The first is batch east of the low level. The first is batch
$08 \_28$, a sumped outlet passage just south 08 _28, a sumped outlet passage just sout
of Cock Up at Cockermouth Chamber. The passage starts off walking-size, passes through pools and over a mud floor to end at a duck after about 100 m and then a sump. Pablo's Peppers Passage (batch 08_29) is also about 100 m long, passes under a 10 m high aven and "ends" at
station 25 and a cairn beyond. This wa station 25 and a cairn beyond. This was
linked into the Wrynose Pass in 2016 (see linked into the Wrynose Pass in 2016 (see below)
On the south side of Lake Bassenthwaite there is a large passage $60^{\circ}$ and a sandy slope gains the south-ward trending upper level (batch 08_25). This starts as walking sized passage averaging 2 3 metres wide and passes a numb
branches coming in that were not branches coming in that were not investigated on first entry but have been
since. (There are a number of parallel rifts, since. (There are a number of parallel rifts,
not just the one indicated on the survey. As one rift closed down too much for easy one rift closed down too much for easy
progress, a short backtrack leads to an progress, a short backtrack leads to an opportune window into the next rift. These
rifts also tend to be different in character rifts also tend to be different in charact
too. One is clean dry sand; another is too. One is clean dry sand; another is
covered in yellow flowstone whilst the next is gnarly scalloped limestone that snags at oversuits.) Easy walking passage has areas of fragile false floor and stall grills which the caver has to pass through and this continues for around 130 m to where a 3 way junction is met. Right / straight on here goes for a further 70 metres and huge aven is met which has truncated the passage. Scafell Aven has a small amount of water entering
and is at least 40 m high and around 15 m in diameter with a stack of piano sized boulders barring the way on to the continuing upper passage on the far side of the aven. It is not advisible for any attempt to traverse around the edges to reach the to traverse around the edges to reac
continuing upper level as this can be continuing upper level as this can be
reached via other routes. There is almost certainly a route down through boulders to certainly a route down through boulders to the lower level streamway. It appears, at the highest level in the aven, there are sign of passages heading parallel to the main route. This would be incredibly difficult to bolt up, as the higher parts of the aven appear to be in an overhanging sandstone band that seems intent on self-destruction. This area is like being in the top of a massive funnel filled with large precariously placed boulders, all poised to move downward taking everything else stupid enough to be there with it. (However, this veranda at the edge of the 40 m high Scafel Aven was where bolting up reached the start of the Easter 2009 2.3km extensions. See below.)
Back at the 3 way junction, taking the left passage leads to a southward trending rift which was not attempted, (probably another oxbow) and a couple of 2 m climbs down to Cock Up at Cockermouth Chamber. Th route is the easiest and quickest way to Cock Up at Cockermouth Chamber from the draughting duck. (See Eldon PC Newsletter, p15)

At the top of the ramp beyond the duck, a high rift has been pushed up to a tight bedding at the top. This continues for more than 30 m . At the start of the ascending rift is a 4 m climb down on the right into a rift. These sections have not been surveyed.
There is another unsurveyed section 40 m further south, on the eastern wall. This starts as a high rift passage with a wet sand floor with initial easy walking leading to a 2 m climb up over a boulder. The rift narrows, requiring a difficult traverse narrows, requiring a difficult traverse at
higher level on mud coated walls with little higher level on mud coated walls with littl
grip. The floor is regained and rift height grip. The floor is regained and rift height
increases with the walls becoming rough an sharp. The floor narrows again requiring sharp. The floor narrows again requirin further higher level but relatively easy
traversing. The rift meets a cross rift and traversing. The rift meets a cross rift and there are possible climbs up in this area wit high avens. Left is too tight. Right leads back to main upper level passage but at a higher level ( 10 m up?) than that in which the rift was entered. This point is difficult ocate due to lack of marked survey points. Ten metres further south is another unsurveyed section to the west. This is described as a very tight and awkward rift. The tube in the roof at the end looks climbable but would require placing a few bits of protection. The passage below is choked with mud from the tube. A passage heading southeast from the end connects back to the main route at a high level window. (See Eldon PC Newsletter, p20). MATIENZO UNDERGROUND - site descriptions (printed 19/02/2024

The main passage continues past here
through an area of false floor and a possit passage to the west with boulders. Just beyond, a unsurveyed route down to the east connects with the streamway. The high level route then slopes down to Fisticuffs at Botchergate, a major and confusing junction.

The Fred Whitton Series (described by
Diane Arthurs and Simon Cornhill) starts 50 Diane Arthurs and Simon Cornhill) starts 50
metres south of Fisticuffs at Botchergate, metres south of Fisticuffs at Botche
station 22 (2889_08_24.22) and was station 22 (2889_08_24.22) and was
surveyed at Easter 2016 as batches 16_01 surveyed at Easter 2016 as batches 16_01
$(1018 \mathrm{~m})$. It can be described overall as a $(1018 \mathrm{~m})$. It can be described overall a
walking passage in the south wall that quickly narrows and reduces in height. complex area of interconnecting rifts and crawls.
The obvious way consists of fairly tight
rifts with holes in the floor level and the occasional sight of water continues for 10 metres ending in a Quaking-style rift. A loop to the south between station 1.7 and 1.17 was surveyed as batch 2889_16_07 for 38m.
Back at station 1.22 a short climb up leads to a sandy crawl and more rifts emerging into the Dodgy Jump Chamber (station 16_01.2.13). An incredibly dodgy jump which is not advised - may be possible into which is not advised - may be possible into
continuing passage which can be entered via continuing passa

From station 16_01.1.10, a 2 m climb up into an obvious passage continues straight into an obvious passage continues straight
ahead through a sandy squeeze and crawls ahead through a sandy squeeze and
(Wrynose Pass) with several side (Wrynose Pass) with several side
passages. One of the side passages heads in passages. One of the side passages he
a straight line to the northeast about a straight line to the northeast about
halfway through the Wrynose Pass. This halfway through the Wrynose Pass. This
ascends for approximately 30 m , ending in steep sandstone boulder choke. (Batch 2889_16_08). A second side passage sets $\left.2889 \_16 \_08\right)$. A second side passage
off north, about 20 m to the east. This
passes through several tight rifts and crawls into Tubular Mud Chamber. Shortly after, a crawl under a boulder reaches the limit, at a cairn, of the Pablo's Peppers Passage exploration. The new link from Wrnose Pass was su
159 m .

The main way, after 100 m , reaches The main way, after 100 m , reache
junction over a deep hole in the floor (undescended. Stn 16_01.3.32). Continuing straight ahead, the rift increases in height to walking sized, sandy floored passage which is heavily decorated with large fossils, The Fossil Fandango for approximately 300 m . Abruptly the passage changes nature: mu covered with flood debris on the walls. A very tight squeeze was forced through to where water sinks into an impenetrable rift. Upstream a 5 m aven was climbed to where water emerges out of a too tight inlet.

Back at station 16_01.3.32 then climbing through a hole in the south wall, a traverse in a deep rift reaches anther junction where right connects to the other end of 'Quaking dym and the passage seen from Dodgy Jump Chamber. Straight ahead, the goin gets easier, past a 2 m climb up, holes in floor to an enlargement where a a climb down a sandy slope on the left reaches what is presume
streamway

Downstream chest deep wading with an occasional swim ends after 50 m with the water sinking under the left hand wall and a climb up a mud slope which is too tight at the top. Upstream more chest deep wading/swimming in bigger passage passes many cross rifts which all interconnect. At a small chamber, Stickle Tarn (station 16_01.4.41), and a climb up over a boulder, the passage continues in the same style, ending at an area of very deep water, Lake Coniston (station 16_01.4.49. A very slippery climb up a silt bank looks down a 2 m vertical drop into the continuation of the canal. This is unentered as the return would require a ladder. This point is about 65 n mancunian Candidate meets the water.

## Fisticuffs in Botchergate a to the 1st Terminal Choke

Don't Be An Idiot (batch 08_32) is a
small inlet (from the far side of the dee water section) which heads west. As there is a pile of apparent cow shot (with straw) at is fed by Stink Pot (site 2907) some 300 m to the southwest and 200 m higher. It can be accessed through a drop down between boulders just after Fisticuffs in
Botchergate, or by a short passage at stream level that cuts through the sharp right-hand corner and connects back to before the out-of-depth section. The route continues as easy walking in a rift passage upstream past an active but too tight inlet on the left. A slippery slither up the steepish mud bank eventually levels out with a very small passage continuing in front. A weak draught is felt. A shovel and a few hours work will answer any questions here. may be an unexplored passage to th MATIENZO UNDERGF
Volume 4 - page 120 terminates at an indeterminate sump and silt bank with a too tight continuation.
The complex Fisticuffs area is further The complex Fisticuffs area is furv
explained with Dave Gledhill's survey explain
To the right (north) of the station cairn in Fisticuffs in Botchergate, a walk over fallen blocks, followed by an easy slope own levels out into easy walking, heading back in the direction of Lake Bassenthwaite, but at a higher level than
the stream passage. This passage is the stream passage. This passage is connects back to the section in the upper series that brought the original survey by
team 'A' to a halt. eam 'A' to a halt.
Straight on (to the west) in Fisticuffs in Botchergate, a careful scramble down ove large boulders leads to a large, wide, boulder-strewn passage that swings round to the left before levelling out and then running parallel with, but at a lower level than the high level passage described below There are numerous ways through this section, but a traverse around the rightsection, but a traverse around the right-
hand wall has proved popular. This lower level passage starts to rise and eventually merges with the higher level passage, which merges with the highet

The main route sets off south from the
The main route sets off south from the
station in Fisticuffs in Botchergate. A station in Fisticuffs in Botcherga
climb up over boulders leads to an climb up over boulders leads to an
ascending rift passage. Walls are solid but ascending rift passage. Walls are solid but
slightly slippery, coming together in places to form a partial floor, but opening up agair to reveal drops below. The rift is climbed by bridging. The top of the rift opens out into a large, level, square section passage with dr mud floor with a few fallen blocks. The end of the passage cannot be seen from this point, lights unable to reach that far, but it is obvious that it enlarges considerably There is also a good and consistent draught blowing towards you. The top of the left hand wall has large amounts of yellow flowstone curtains and stals, but the size of these is hard to judge or appreciate fully due to the sheer size of the passage. The floor of the passage then drops away steeply
At this point, a passage enters from an acute angle in the left hand (east) wall. A careful step over the slope and round the corner leads into a dry, sand-floored, easy and flows passage with numerous white stals rises for a short distance, almost doubling rises for a short distance, almost doubling back in the direction of the main passage, before it levels out and swings slightly to th right. The passage increases in height an width, but a deep rift in the floor with sloping sides of sand precluded further exploration. Note - the initial exploration of the cave found this passage to be drafting outwards noticeably. The second visit found no such draught discernable; outside temperature slightly cooler on second visit. Back in the main passage, an easy scramble down a dry mud and boulder slope against the left hand wall allows the continuation of the now level passage to be explored. The dry mud floor has many suitcase-sized blocks, many of which are covered in flowstone and appear to have fallen from the left wall and/or roof of the passage. Passage continues with steps mud floor swings slightly to the revel, dry mud floor swings slightly to the right and then starts to descend to merge with a passage coming in from the right that has
been running parallel to, but at a lower leve than the passage just described. At the point where the two passages merge, th left hand wall has a series of very well decorated stal \& column pretties which After some 50 metres, passage meets a rge chamber with 2 southward ways on The left fork is an oxbow which loops back into the right fork which is the main way on The right fork is a climb over a crumbly slippery boulder into a 2.5 m wide 3 m high passage. A crawl through a sharp low bedding enters rift up onto big fallen boulders. This the start of Tiptoe with the Two Twits. (A hand line would be helpful here!) A traverse across boulders ends at the foot of a big boulder collapse. (It is not advisable to climb the boulder pile as it's very unstable at the top with zero leads!). the left hand wall and following an undercut the left hand wall and following an undercut Gets Closer. (A passage on the west side Gets Closer. (A passage on the west side
was surveyed as batch 2889_16_05, 48m, at Easter 2016, no description). The end of the crawl is at the top of a 4 m pitch which $i$ an iffy climb down with lots of loose stuff route descends to a number of side passages including an unsurveyed section of tooping maze.
The A590 Vindication Highway starts
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rubble floor. Twenty metres beyond Which
Way to the Cumberland Pencil Factory? and straws. A squeeze up and around a rock-fall leads to a T-junction with a much larger passage. A climb down enters ver
dry and sandy passage with lots of razo sharp gypsum crystals on the walls. A turn left ends at a solid rock wall, whilst right leads along 90 m of high rift passage to a sand/mud choke rising up to roof level. An acrobatic climb leads to a high level passage that definitely continues but from which "return would be virtually impossible unless there was some other gullible person to stand on at the other side". (See Eldon PC Newsletter, p21)
The main route continues as easy romping in $4 \mathrm{~m} \times 4 \mathrm{~m}$ square cut passage with able cool draught (outward) a
constant feature. (This was also commented on in 2016.) About 50 m past an surveyed oxbow on the north, a boulder choke is met which proved a convenient stopping poir
for the surveyors for batch 0824 . The for the surveyors for batch 08_24. The choke has been described as "very large and very horrible bolder pile which included a couple of interesting moves to get down About 40 m back from the choke is a passage on the east side which 'could have up to a kilometre of maze network tc survey' but, when surveyed as batch 2889_16_11_03, was found to 280 m long before it re-entered the main passage a tation B3. This route bypasses the choke and emerges back in the main passage 50m north of Tuna Can Corner. (Befor surveys showed this pas
unsurveyed dotted line.)

A few metres further south, and 5 m up the east wall, a passage heads south (with a window into the main route) past deep pits ben surveyed as boulder pile. This has been surveyed a batch 2889
about 70 m
Opposite station B3
(=2889_16_11_03.29), a sandy bouldery climb continues survey 2889_16_11_03 and is a a mixture of chamber and bouldery floors. Up to the right (south) at statior _03.34 an aven has been climbed for 10 m wnsurva on. Down to the right, the old all routes become too tight
On the west wall and surveyed as batches _-16_11_01 and _02 routes to the me too tight while ahead, a rising boulder slope chokes before reaching th main passage

The choke is passed by following the passage round to the left then climbing up 4 m and then down 4 m . Loose boulders are a hazard and best passed by crossing from lef wall through the boulders to gain the to the continuing easy romp. The cave has a sandy floor and continues in fine style for 130 m to a 90 degree right bend into Tuna Can Corner and, straight on, the Mancunian Candidate
(On 6/4/2022, a short, strongly draughting extension was found to the west of the A590, possibly at the "dangerous
boulder choke ?. This was very loose and soon deteriorated to where the draught came from a tight rift above. The continuation at floor level soon split and degenerated in all directions. Sketch from the log book.)

In the summer, 2016, various side passages north and south of Tuna Can Corner, past Mancunian Candidate, were (re-)explored and surveyed (batch 2889_16_11_08) adding detail to the old survey 2889_08_26

On the west side of Tuna Can Corner an aven comes in with large blocks. The passage doglegs and changes into a tall narrow rift with pools of water - a new feature, and second dog leg is met after
88 m . Here a smaller (still walking size) passage heads south until a draughting stall grill which has been pushed around to the 08 27) At the second der choke (batch 08_27). At the second dog leg the passage becomes even more linear with longer legs a terminal boulder choke is met.

## Shoulder of Mutton

 One way to pass the "terminal" breakdown (batch 08_35), an area of cross-jointed rifts which heads south off Tuna Can Corner. A passage on the right connects to a parallel Many of the leads here were pushed and Many of the leads here were pushed andsurveyed during the summer, 2016. A cairn surveyed during the summer, 2016. A cairn
is soon reached and a climb down on walls is soon reached and a climb down or
made of chert leads to a streamway. made of chert leads to a streamway.
Upstream (Bathtime) has out-of-dept Upstream (Bathtime) ha
water and a tiny cascade.

After about 100 m upstream (a 'very pleasant canal / stream passage'), a small climb on the northeast side enters an inle passage that heads northwest for over
150m to where the passage splits. To the 150 m to where the passage splits. To the Candidate. A drop down near here heads north, downstream to an area of deep wate and possible sump close to Lake Coniston. A climb out on the west wall heads south to meet back up at the passage split. This was all surveyed as batch 2889_16_12 (parts 1 $2,11)$ with a description in the following paragraph.

From the cairn (2889_08_35.13 = 2889_16_12.2.40) the rift drops away and climb down to the Bathtime streamway below is possible, ahead the rift continues. Downstream (east and north) progress can be made for around 100 m without getting wet until swimming in very deep water is necessary, this wasn't attempted as there is
little to hold onto and being buoyant would little to hold onto and being buoyant would
be a benefit. At this point a climb out of the be a benefit. At this point a climb out of t
streamway into a dry high level passage streamway into a dry high level pas
continues, with a side passage that continues, with a
overlooks the streamway further down, fror this vantage point the water still looked ver deep and maybe a possible confluence? Continuing along the dry rift, the passage eventually loops back to the Mancunian Candidate at the top of the climb down into Bathtime.
Upstream Bathtime, at around 200m a sandbank on the left leads to a cherty rift, which runs back parallel to Bathtime, only a few metres away. Eventually this also returns back to the Mancunian Candidate the top of the climb down to Bathtime. Bathtime passage continues in a tall rift for about 200 m where it changes chara at Ankle Breaker Passage with more 1 m Varied and dimensions of 3 m wide and 1 m . varied going leads through a boulder squeeze and then to a boulder run-in. Som careful climbing up ( 5 m ) through the
boulders arrives at a squeeze, The Rib boulders arrives at a squeeze, The Rib
Tickler. The high level route (batch 08_45) has now been regained in a chamber 10 m wide in proper limestone. The way out of th chamber is by climbing up into a short rift, which pops out in a railway tunnel, It Only Hurts When I Laugh, continuing both to the right (north) and to the left (south). The southern route is an $8 \times 8 \mathrm{~m}$ passage but噱 Make Me Laugh, where a traverse about 5 m above the floor is required. (This may need some protection). The continuation is a boulder floored tunnel with more easy romping over boulders which ends in a oulder chamber 10 m ( 25 m ??) in diameter with several promising holes in the floor an large car size hanging boulders above Shoulder of Mutton chamber. On an Easter 2009 trip, the choke was investigated and no way on discovered. (Batch 09_05). The deep rift in the It Only Hurts When I Laugh was linked at low level to the Arse Biter area and surveyed as batch 2889_16_13_26.

In the summer 2016, at station 08_45.1, a tube below the boulder choke in the Shoulder of Mutton led to a crawl in water which opened up - water pooling above knee height. The route leads to an aven (crawl out of the water) and continues in water to a T-junction. The left (east) leads to a widening followed by a 1 m slope into a deeper flatout crawl in water which ends in boulders. The right (west) route continues in awkward, jagged, friable, rocky passage to two avens. The first can be climbed to overlook the second. The aven was too tight at the top. The main water comes down this aven to a watershed

This area around the Rib Tickler and high level passage heading back north to the 1st Terminal Choke was surveyed in the ummer 2016 (batch 2889_16_13_20, _21 back into the Terminal Boulder Choke ack to the werminal Boulder choke some green twine has been laid along the route - and a high level route chokes some
20 m above the floor of the main passage. Batch 2889_16_13_25 follows a rising Batch 2889_16_13_25 follows a rising passage that closes in after 70 m to the northwest. A passage opposite the boulder choke above the Rib Tickler was followe into a crawl which opens up to reveal parallel passage. Both end in a sandy blockage.
The upstream route continues smaller
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through a particularly sharp narrow rift
section, Arse Biter and swimming in a section, Arse Biter and swimming in a rift,
Mard Arse. The current end appears to be above a 7 m climb where the small passage "ends" at station 08_45.60. (The original explorers feel that this may well join up with one of the holes down at the Shoulder of Mutton.)
A trip, supposedly to the Mard Arse area at Easter 2017, may have become 'lost' and discovered new streamway passage. Thi was further investigated in the summer, 2017, when Mard Arse was connected through to the Shoulder of Mutton and surveyed as batch 2899_17_01.
Easter 20092.3 km extensions from Scafell Aven and summer 2009 extensions

Batch 288909 01: Just back from the foot of Scafell Aven is a fixed rope re belayed on two Petzl Long Life hangers. The first pitch of 9 m is free hanging, and leads to a rock platform where the second pitch of 16 m can be reached.
At the top of the pitch you are in a rift full of boulders which you climb the obvious way through to get to the top of the aven. O your left side is a big walking passage
which leads into an aven not far from surface. (This area is perhaps 12 m belo the base of the depression in the road
corner near to sites 3166 and 3286 although both smoke pallets and radio connection attempts failed to make any connection. Straight on takes you across a fixed rope traverse across the top of the aven Immediately on the left is an opening into an aven and pitch with a voice connection below into the streamway. The other side of the aven a walking sized passage can be which has mot been entered Batch 288916 02: On the route to the ear-surface connections (about 20 m from is 5 of the traverse above Scafell Aven is a 5 m bolt climb. The passage at the top looked promising and goes to the edge of a widening over a tight muddy rift, about 5 m deep. This was crossed into an area widely decorated with straws and stal. Although it looked as if it was 'going to go big', the fill
was up to the roof at all sides. It felt there may be a bigger chamber above that could dug up to. A climb down a hole with dripping water reverberating would have meant destroying lots of straws, so this was not pushed.

2889 09 13: Sandstone
Colander. From the edge of the colander 'bowl' a rope is required to traverse across. The colander floor is much stronger than it appears and a 2 m climb out of the other side leads to a N-S trending passage. South ends in a boulder choke, north is a climb up to a roof tube which heads west after a short distance and drops back into the main passage just south of the Scafell Aven. the 2889_16_10 (green level) sets off 3 m to the side of Scafell Aven (about $08 \quad 25.14$ jouth and 3 m down from station 3 m climb into past heading south. Surveyed as batch
2889_16_10, the route ends at a very steep slope to just before Fisticuffs at Botchergate.
Straight on (south) is a traverse over a rift in the floor with a blind passage below. A short climb up over boulders at the end of the passage leads into a large chamber. At the back of the chamber there is a large passage which is the The wayts Lane loop.
The way on is by the entrance to the chamber on the right side through a small a false floor of sandstone and is unstable has the floor of sandstone and is unstable. At the entrance to the passage is a climb down another passage below, which mirrors passage above. Travelling the obvious way on you come to a 3-way junction with right is the way floor: left is unexplored, the far the way on, leading to an aven. At crawl. On the other side of the aven there are two unexplored ways on (anothe possible link close to surface). (There are two leads marked 'continues' opposite the of bolts and a handline or a brass neck would be required to traverse the aven to get to them. Probably worth a look. A good look around this place at Christmas 201 found nothing of interest.)

A short way along the crawl there is rift in the floor, which is an 8 m ladder climb down. Straight on continues and has been
surveyed for 50 metres to a cairn on the
floor. This was further investigated as batch 2889_14_09 at Christmas 2014. The passage to the south is a fairly easy going crawl to a boulder choke with black spaces glimpsed beyond. Perhaps this is the small chamber near the end of the Guano
rift surveyed for some distance but not to a conclusion. It may be that this is th
passage that connects to stn 23? passage tenat connects to stn 23 ?
Going left into a small chamber - Roose Chamber, the only passage exiting it ends in a window overlooking the large passag Batch 28890902: At the bottom of the 8 ladder climb, down the rift, is walking p8 ladder clime, down the rift, is waiking
sized passage which is very well decorated sized passage which is very wel
with dry gour pools in the floor. North mirrors the passage above heading back into a boulder choke in the area of the
last aven. South soon arrives at the head of last aven. South soon arrives at the head of
an 8 m pitch, which drops down into a much an 8 m pitch, which drops down into a mu
bigger north-south trending rift passage. North travels around 500 metres and leads to batches 09_03 \& 09_04 (see below) and ends in a boulder choke. In more detail the north-trending passage starts narrow (not tight) and passes a superb cracked mud floor (traverse around with care) and further on, on the right wall, superb helictites (care). Here, there are a couple of tight rifts in the right wall and straight on passage getting bigger and wider until a ramp up to the left enters a chamber. From here the passage walls and floor are covered
with stal and formations, and it is impossible with stal and formations, and it is
not to proceed without walking on formations. A step up leads out of the pretties and the passage becomes sandy pretties an

After passing the entry point to batch 9_04, the passage becomes bigger still, with holes in the roof glimpsing further large passages (see batch 09_08 below), and the floor is a long abandoned stream way
meandering down the passage. This meandering down the passage. This
continues until a deep rift is encount continues until a deep rift is encountered and batch 2889_09_03 starts. A bolted
traverse (rope removed, bolts are in left hand wall) over a 40 metre pitch (descended with 1 possible lead approx 30 metres down on a mud slope) leads to a mud and boulder run in and a choked rift which is very draughty and drippy.
Batch 236609 08: In the summer 2009, a hole in the roof was scaled up to, using a maypole. A large chamber leads north to a
boulder collapse and south into 2 tall rifts which close down very quickly. From the which close down very quickly. From the
north east end of the boulder collapse, a crawling passage lifts after 10 metres to rift passage with ledges. This ends in aven/ rift passage with ledges. This ends in aven/
pitch above the main passage. There is a pitch above the main passage. There is a
low passage from the aven but this quickly ends in a 3 m by 8 m chamber.

Heading south from the p8 leads, after a few metres, to a big passage on the left ( $\mathbf{1}$ Haverflatts Lane, batch 09_06, see elow). Straight on soon becomes dry and sandy, at a sharp left hand corner there is 10 m deep hole with a good draught. The obvious way on is much smaller stooping and walking - but mostly walking. The passage changes to breakdown and gypsum After about 50 m there are some very impressive formations which are believed to be giant gypsum crystals. On the east side of Lechuguilla Passage, La Bella Durmiata contains fossils and twinkling walls (batch 2889_10_03). About 50 m south of here, St Bee's Knees is a crawling passage that enters an 8 m high rift with a dig at the end (and space beyond) that requires capping. The rift has been climbed to a too tight passage heading off to the northwest. (Batch 18_01, length $=35 \mathrm{~m}$ ) The passage continues south for about 300 m , passing several smaller passages on About 200 m beyond La Bella Durmiata, a About 200 m beyond La Bella Durmiata, a passage heads northeast for about 70 m under Room 10: The Learning Suppor Department (batch 2889_10_05).

Batch 288909 07: A boulder blockage impedes the way on; the route on is under
the blockage into a high chamber with no obvious way on. On the far right of the chamber, a rift is hidden under a large boulder. The passage changes at this point it becomes damp muddy and a noticeable change has occurred. There are numerous both sides of the main drag. It is apparen there is something much bigger under foot, due to holes in the floor. This section of passage ends at a pitch down of abou
which needs a bolt and a ladder. The passage continues at the same level beyond passage
the pitch

At the bottom of the pitch there is a very large, unexplored passage off to the left The way is to the right (south) being through boulders into a roomy passage that oon arrives at a 3 -way junction.
Right (north) is unexplored but very big. Left soon arrives at a rift chamber with a
boulder choke on the right. There are two ways on which arrive at the same place: one through the boulder choke and one followin the left wall through a hands and knees crawl.
The passage becomes much bigger where MATIENZO UNDERGROUND- site descripions (porined $\begin{gathered}1902202024) \\ \text { Volume } 4-\text { page } 125\end{gathered}$
they meet with a sandy floor and gypsum.
There are several passages, which form a There are several passages, which form
of a maze, but all the passages seem to of a maze, but all the passages seem to
meet in the same place. After a climb u meet is a sole in the floor on the left with a
there is a there is a hole in the floor on the left with
big passage below, which needs a ladder. To the right is a climb up into a large passage. After a few metres there is an opening on the left wall, under a dodgy slab. A climb down drops into a roomy pas
with a dry sandy floor. This passage continues to a large block which could b colimbed to a large block was could be climbed over, and the passage can be st
to continue. There are a few high level to continue. There are a few high level
passages in the roof which are unexplore passages in the roof which are unexpl
This was the end of the Easter 2009 This was the end of the Easter 2009 exploration.
09 Batch $2889 \quad 13 \quad 06$ sets off from station 09_07.49. This a a bouldery rift, choked to the north and south, although black spaces can seen to the south parallel to the mair route. This was pushed on 17/4/2018 working through the choke for about 30 to 50 m . More progress could be made. (Description from Helen Hooper: 3m up an unstable choke; 2 m further over stable , diagonally SE drop 1 m to 2 passages; level above initial ascent.) Batch 28891307 sets off from station 09107.57 . It is entered down a 2 m climb into a passage heading southeast. After unsurveyed' - was documented at Easte 2018 - an easy-going, stooping, crawling 2018 - an easy-going, stooping, crawlin passage ending in a dig (batch 18_02) nice amber stal and reaches a big bould nice amb
collapse.
Setting off from station 09_07.25, batch 2889_10_02 (OGB) was explored at Easter 2010. Description to come. It ends in a der choke.
At Easter 2011, batch 2889_11_03 was surveyed as the High Street Oxbow: At
the 'big collapse area / 10 m aven' at the
start of High Street the left hand solid wall can be followed through a rift to a climb down to a crawling zig-zag passage to a breakdown chamber. Most ways head back the main passage. Straight on can be followed as large passage up and down a slope to a corner containing a 24 m high aven and a deep canyon in the floor. Two tubes head off on the right (oxbows) and a climb on the left wall (oxbows). Straight on the passage meets a large choke whe

Around 50 m south of the 4 m ladder pitch at High Street Oxbow, a 'big passage' lead was surveyed at Xmas 2014. This is a welltravelled oxbow back into the main passage. On the opposite side of the passage a smaller oxbow was also surveyed Gillinggate and Captain French Lane (batch 2889_14_11, 69m surveyed). Further down High Street, at the 40 m section of passage north of '2009 summer extensions' there are several roof tubes. Using various combined tactics they were all entered. All were alcoves or quickly choked apart from one. This is on the west side of the main and is a brief hands and knees craw degenerating into flatout. A complex area.

Batch 28890910 (Cow11) (description to come) continued the exploration in the Dan Chamber and beyond at high level into the western passage, then completed as batch 2889_09_12 (0608091). This end is described thus: The passage continues from post / column, passing a choked hole in the r and a steep stone / shingle bank ahead. On passing over bank the continuing walking passage quickly becomes a crawl, leading into a squeeze through boulders into a draughty calcited bedding filled with
stalls. The passage at this point is only $8 "$ to $12^{\prime \prime}$ high.This section of passage is abandoned, not active and has a sandy floor stron
Two other routes lead out of Nearly Dan Chamber: one goes south at high level, the other drops down 35 m to a low level. The high level route batch 2889_09_10 (Cow12) continues south, becomes batch 2889_09_11 (cow21) and ends at possible routes in a boulder choke. The choke was was thought not to be very promising although there are a couple of holes high up that would need a couple of bolts to climb up into
lled Should Have Gone to Surver called Should Have Gone to Survey
School) was resurveyed (again) at Xmas 2014, this time with passage detail and stations marked where up to 12 possible leads go off. (Part of batch 2889_14_12) Also entered and surveyed was a stooping passage - Banger No. 5 - on the east side. Banger No. 5 starts off stooping height but quickly changes to a narrow well decorated rift. At Stn: 2889_14_12.2.12 a 6 m climb up continues unexplored into a cross rift.
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The main route continues in the same manner coming to an abrupt end, where a
climb up gains a larger east-west rift. The climb up gains a larger east-west rift. The
only way on is to the east which continues unexplored. Bolts and a handline may be required. (Banger No. 5 description by Simon 28.5 m in the summer 2017 (where?) but 28.5 m in the
not surveyed.

At Easter 2015, the rift at the end of Should Have Gone to Survey School (with the sound of running water) was dropped on a handline and then a ladder into an area with a very high aven but no way on. The ' 12 possible leads' were also investigated at Easter 2015. Most were short but one entered a well decorated chamber with a climb up into the Should Have Gone to SpecSavers area (see below). The four surveyed extensions appear in batch 15_02 which also repeats ar earlier batch.

Two extensions near to Nearly Dan Chamber were made in November 2014 Fanny Bramble Passage batch 2889_14_03 was entered at an open lead in High Street (station 618). This is about 250 m long - an easy passage with a scree 250 m long - an easy passage with a scree at a boulder choke that looks loose and dangerous to push. The passage contains dangerous to push. The passage contains
some large crystalline formations and some delicate gypsum flowers.

About 100 metres back from the boulder hoke at the end of the southeast passage choke at the end of the southeast passage from Nearly Dan Chamber, a sho on the west wall enters the second
extension - Should Have Gone to extension - Should Have Gone to
SpecSavers, batch 2889_14_04. A couple of squeezes pops up into a large, well decorated passage. This is generally 10 m wide and is truncated to the north and south by boulder chokes. The southern choke was investigated at Easter 2015 when a p7 choked and a 5 m climb up in the choke petered out. About 20 m from the southern choke, a pitch was found (not on the survey) which was 'assumed to drop down in lower passage' - but there is no passage directly below. From the main passage, superbly decorated passages head west terminating in stal chokes. This series has a length of 428 m .

The low level route from Nearly Dan Chamber drops into Henry's Way after Chamber drops into Henry's Way after
climbing down over large boulder's and climbing down over large boun (care
sliding down a steep scree slope (call sliding down a steep scree sope
loose boulders!) (batch 2889_09_15 Vaca66) in a large chamber. In the left hand corner of the chamber, a strong draft leads down to more boulders onto a mud slope and brings you to Henry's Way, a large active passage. On the east wall of NDC passage wall is a large window with a 2 m climb and passage leading off, explored and surveyed as Roa Island (batch
2889_14_05, 89m). This heads back north at a lower level mainly in chambers created out of massive fallen blocks. A p4 has no way on and a p6 has a short length of passage before closing down. At the end a 3 m climb up closes down at a tight rift.
The main passage heads off in a southerly direction following a stream bed with heavily silted mud banks on both sides (approximate dimensions 15 m high, 20 m wide). The stream bed meanders around large boulders. High up on the right (west) 2 oxbows can be found and on the left (east) at approximately 100 meters from Nearl Dan Chamber an inlet enters the main passage. This inlet is approximately 1500
meters long and heads towards La Gatuna meters long
(see below)

After another 100 m or so a side passage heads off to the west. This is Meathop Passage, batch 2889_14_07, length 61 m . The comparatively small route passes a window back into Henry's Way on the left and through a couple of digs ending in a too tight, ascending rift.
Continuing south, and where the route swings to the west, a muddy rift on the south side leads into Grange-over-Sands with an inlet on the east side. The passage continues to emerge back in Henry's Way just before the climb up into Henry's Chamber. (Batch 2889_14_08,140m)

The main passage continues between boulders until it reaches a boulder collapse which can be climbed up over a steep mud/ bolder slope into Henry's Chamber, a lars chamber with a high aven at the easterly end filled with boulders. These form a steep ridge down the centre of the chambe
(batch $288909 \quad 15$ Vaca61; Batch (batch 2889_09_15 Vaca61; Batch 2889_09-16 Vaca31).
Batch 28890915 Vaca62 (description to ) is a side passage to the west.

The route down the rope pitch to the end choke is batch $2889 \quad 09 \quad 20$ Vaca51 Following the right wall of Henry's Chamber leads to the top of the pitch. Natural anchors are found low down round a MATIENZO UNDERGROUND - site descriptions (printed $19 / 02 / 2024$ )
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'stal' boss; just over the edge is a bolt for a
re-belay. The pitch drops for
come?

At Easter 2015, the junctions at 5 Ways
afe were investigated and all the question marks on the survey were found to finish within a few metres. The final choke was found to have no ways on.

## Suit Wrecker Inlet

Part way along Henry's Way a long passage enters on the east side and heads towards La Gatuna. This is over 1.4 km in a
straight line towards the La Gatuna area and straight line towards the La Gatuna area
is survey batches 2889_09_15 vaca63, is survey batches 2889_09_15 vaca63, 2889_09_17, 2889_09_18 vacabarny1,
2889_09_191, 2889_11_02, 2889_15_11 and $2889 \quad 15 \quad 12$
This Suit Wrecker Inlet is entered by scrambling up and down over mud coated boulders for about 25 m until further progress is along the stream bed and the mud coatings disappear. A number of knee deep pools are encountered as the passage a couple of meters wide, weaves its cours to the south east for about 150 m until it turns abruptly north for another 40 m before resuming the south easterly direction steadily narrowing until it becomes only possible to progress sideways. One particular narrowing about 350 m into the inlet causes severe distress to over-suits Thereafter, the passage increases in dimensions to allow relatively comforta dimensions to allow relatively comfortable progression. The passage height remains
around $8 \mathrm{~m}-10 \mathrm{~m}$ from the around $8 \mathrm{~m}-10 \mathrm{~m}$ from the start of the inlet A fure 100 meads to a small chamber where a climb up boulders for 6 m and then back down to the stream-way is necessa-
(It was around this point that centipede(It was around this point that centipede-
type insects were first noticed.) The passa type insects were first noticed.) The passage continues with clean rock floor in the same way for yet another 100 m where anothe small inlet enters from the right. This Bernard passage was pushed for 214 m as batch 2889_15_11 in November 2015. Where this becomes too tight at floor level, a thrutch up and climb over at 5 m height reaches more passage. There are no side passages, but it is tall in places and awkward / hard going

Back in the main inlet, the passage flips north for 25 m leading into another smal end of this section surveyed in 2009. (Tr passage ahead continued showing signs of passage ahead continued showing signs of
getting larger. The water in the inlet had a bad smell (gasoil?). There was a distinct sensation that we were approaching the surface but this was disproved on the next trip)(Batch 288909191 description come
The 'bitter end' of Suit Wrecker Inlet was surveyed at Easter 2011 as batch 2889_11_02 and described thus:

A small pool followed by a couple of small cascades leads through rift passage to a heavily choked floor passage containing lots broken suit wrecker rock on the floor Just beyond, the passage regains the stream and an awkward climb up a small (1.5m) cascade continues in rift passage
streamway / crawling. This eventually ends at Suit Wrecker 3 where a slight tight and sharp climb up leads into a crawling, wide tube passage floored with sand. Right (downstream) leads around a corner to further tight unexplored rift passage. MATIENZO UNDERGROUND sit Volume 4 - page 128

Upstream passes a small tube, also
unexplored. Continuing upstream, climbing
up and heading left and around a corner
through an awkward constriction is Suit Wrecker 4 where the stream can be heard below. The passage continues crawling until a large choke is met. Before the choke, a climb on the right ( 3 m ) reaches a walking / stooping passage. Right leads to the boulde hoke which can be climbed to a shaft heading down left. A passage-cum-void can be seen in the highest point and looks open but could not be entered at the time. Le
the junction continues as a crawl. Right the junction continues as a crawl. Right
leads down a climb ( $2 m$ ) to an unexplore leads down a climb (2m) to an unexplored enters with possible climbs. Straight on entually leads to Suit Wrecker 5 and Suit Wrecked - a very tight rift with two very small ways off which were not pushed. From this end point it took 4 hours to exit o Torca la Vaca, at a steady pace.)
Over a 15-hour trip in November 2015, various question marks were investigate
the area of Suit Wrecker 4. These are the area of Suit Wrecker 4. These are was pushed and surveyed for 591m Friday the 13th Passage. At Suit Wrecker 4 the original way into the choke had collapsed at floor level but a climb up enters the inlet passage beyond. Dry enters the inlet passage beyond. Dry
passage slowly gains height and, after about passage slowly gains height and, after chamber with a stream in the floor. (A route
chambers le chamber with a stream in the floor. (A route leads back at floor level but this is assumed to just rejoin the previous passage.) High evel, meandering stream passage was entered at the far end of the chamber and a junction reached. To the left, a higher level traverse was pushed for a few metres and carried on. The right hand route has been pushed for about 350 m to a boulder choke in sandstone after passing through a choke with a 4 m long straw. From the end, it took 5.25 hours to exit through BigMat Calf Hole.

Batch 288909 04: From station 25b a 7 m high rift passage leads to a large chamber with large boulders on the floor On the left is a 3 m climb to a draughting but tight and sharp crawl. To the right, the way on is via 2 parallel passages which connect floor is passed to a muddy run in where the floor is passed to a muddy run in
way on closes down in a tight rift.
Batch 288909 06: Begins as a 6 m high rift passage, 1 Haverflatts Lane. 15 rift passage, 1 Haverflatts Lane. 15 metres in is a junction. Right continues
trending southwards to a very loose climb trending southwards to a very loose clir
up and over boulders, Help me Lloyd up and over boulders, Help me Lloyd
Passage. From here the roof lowers with Passage. From here the roof lowers with
the floor being covered in collapsed gypsum and calcite from the roof and walls for 150 metres, Kendal Mint Cake Passage. The oof now lowers further into hands and knees crawling, Fryers Passage. Sixty metres of crawling and stooping past large gypsum crystal stalactites (good 0, Thrapher required here) leads to Room , The Learning Support Department, mall chamber with a good draught coming rom a tight rift.
The left route, batch 2889_09_09 has a very good draught and was explored in the station 7 passes over holes and emerges ust to the north of Help Me Lloyd! This is surveyed as part of batch 2889_14_06.) The Guano Chamber, through Jack's Rake ( Guano Chamber, through Jack's Rake (a steep mud climb), then north past the 'large for the 2013 wight acted as the campsite or the 2013 2-night camp. (An account of
the autumn 2014 extensions describes the the autumn 2014 extensions describes climb up towards Guano Chamber at Jack's Rake as collapsing and dangerous.
The climb requires some gardening and the placement of a handline'. The route continues north to link back to south of Scafell Aven and also provides access to Ed's Birthday Passage batch 2889_09_14 The description of this route: Back north at Haverflatts 'T junction, turn left into a narrow ( 0.75 m wide) rift which takes lots of left and right turns until you reach a sandy and boulder blockage. Back 6 metres from the blockage is a very loose climb (care!) up into $6 \mathrm{~m} \times 6 \mathrm{~m} \times 2 \mathrm{~m}$ high chamber with guano on southern floor, the norther passage is unexplored. East passage boulder choke where a large up ending in be seen through boulders below. South from the loose climb up the passage leads to a broke near Jack's Rake into the larg broke near Jack's Rake into the larg passage seen previously. In the main
passage, north follows a sandy floor (pas the 2013 campsite at the 'large boulder'), with a number of oxbows on the left, to boulder pile which can be climbed and descended easily. Next is a crawl through large boulders which can be bypassed by a loft. The two ways meet up and a short hand and knees crawl ends under van sized MATIENZO UNDERGROUND - site descriptions (printed $19002 / 2024$
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boulders which can easily be picked through
to complete the loop back towards the top of to complete th
Scafell Aven.

At Easter 2015, the most western passages around the Pont Aven area were passages around the Pont Aven area $w$
surveyed as batch 2889_15_05. On the same trip, over 200 m were surveyed in loop from the glove junction through Swarthmoor and back to Ed's Birthday Passage. This was first entered in 2010 The drawn up survey has a number of inaccuracies in this area, ie the centre line with all of its loops doesn't lie over the survey correctly in all places.

From Pont Aven (Dingle station 23), heading through the hole in the corner and before the acrobatic rift (traverse line installed $17 / 3 / 2016$ ) to Dingle station 31 , a maze of cross rifts zig-zag in a northerly direction until a small chamber is met, Swarthmoor. Over a pit in the floor the only way on is right, traversing into a cross rift and then squeezing down behind a large slab. The main route continues zig-zagging in a SE direction past numerous small partially explored side rifts, ending at a 4 m climb down. This joins up with already
surveyed passage which also continues in the same manner, but gradually gaining in size and eventually emerging into Ed's Birthday Passage at Dingle Station 47 (Stn: 2889_09_14.47). (Route through In Guano Chamber, a route also heads NW off the NW side of the chamber to eventually reach (after about 150 m ) known passage. This is batch 2889_10_07. From Guano Chamber the obvious passage to the north is entered leading to a stooping and walking size rift with a number of potential leads in the floor. Passage is followed through a couple of ' 1 minute digs' through loose flakes and sand until it reaches a taller, narrower rift with ways on shand right. Left in the rift leads to a tigh sharp squeeze followed by an awkward muddy rift (unsurveyed) which opens into a ger. (Footprints in the cham ave been followed to a survey station marked 27?? on a boulder in a mud floored stooping height passage. (The station did not seem to appear on the big survey in the office and needs further work to sort thi:
out.) Right in the rift drops down into a small chamber with the way on through another 1 minute dig which breaks out int the large north south passage from the top of Scafell Aven.

## Let it Snow

On the northeast side of Help Me Lloyd! Passage, the Let It Snow extension sets off south (part of batch 2889_14_06). Near the end of the 200 m -long passage, a section of dropped ceiling is passed, an area of gypsum flowers met and the passage closes Frizzington Extensions
Near the start of batch 09_09, batch 2889_10_01, Frizzington Extensions, sets off. The southern end of this was tied int known passage near the start of Ed's then became apparent that was some error, as the previously tied in northern end was floating around a great distance from where it has previously been tied into - station 8a in the passage between 1 Haverflatts Lane and Guano Chamber. Work over the summer and Christmas, 2014 clarified the connections.

South from a high level chamber
containing a cairn with a glove on it Pont
Aven (Dingle Stn:23), head down the slope to another cairn with a mouldy station note Stn: $2889-14-02.1 .0$. This is a low ch
which is handy for calibrating a distox. which is handy for calibrating a distox.
Straight ahead the main route heading SE is Straight ahead the main route
reached Stn: $2889 \quad 14 \quad 02.1 .7$.
eached Stn: 2889_14_02.1.7. From here head north up the slope throug a short crawl. A climb down and traverse emerges at Dingle station 31 (2889_09_14.31) at the base of the dodgy climb up back to the way to Ed's Birthday Passage, a handy shortcut out.

Southeast is a complex area of cross rifts some leading to minor extensions. However, keeping to the largest passages keeps you (Stn: 2889_14_02.3.26) is where the original Frizzington survey finished. Ar unobvious left turn continues the main route which comes immediately to a T -junction. This turning is often missed on the way out adding to the 'Frizzington disorientation experience'!

Left, crawling at first, passing some
interesting holes in the floor, enters a small chamber (Far Off Track). At the northern the way on splits. Left and down, a rift passes several deep holes in the floor and roof ending in a climb down (undescended) which is very close to station 3.10 To the right a crawling sized tube heads NNW passing an unsurveyed passage on the MATIENZO UNDERGROUND site descriptions (pinted 1902(2024) Volume 4 - page 130
left through three enlargements, until a
wriggle up and left enters a 'reasonable sized' chamber with a couple of footprints. A convoluted route from here brings you back to dingle station 31 (2889_09_14.31) at the base

Right in the main Frizzington route, following the 'obvious' way on with the following the 'obvious' way on with th
draught in your face (summer 2014) draught in your face (summer 2014),
progress is in a comfortably sized passage progress is in a comfortably sized passage
passing numerous cross rifts, most too smal to enter, constantly clambering up and dowi various obstacles. An obvious side passage on the left quickly reconnects back to the
main route (either side of the Old Man of main route (either side of the Old Man of
Coniston Stn: 3.50). A passage on the wes Coniston Stn: 3.50). A passage on the
side of the route just after the 'squeeze between boulders' at station 14_02.8.7 has been surveyed for 20 m to link across to
known passage as batch $2889 \_16 \_16$.
NOTE: An exceedingly dodgy 1 m high
NOTE: An exceedingly dodgy 1 m high boulder arch at Stn: 3.65 requires a careful moisture beads were seen on the passage walls and, shortly after that, decaying rat (?) poo \& the bones of a rat (?) were encountered.
The rift then narrows with the draught picking up. Eventually a squeeze was forced through a short tube on the left-hand side of the passage, over blocks to several holes looking down into a chamber. A squeeze down and a $3 \times 3 \mathrm{~m}$ wide rift heads off up a corul What You Wish For. Although th roof looks like sand stone, it seems like a oof looks like sand stone, it seems like a passage can be seen near the top. The rock is sound and the aven would make a good climbing project.

Through boulders under the aven, deep holes can be seen giving the impression of false floor. Just back and on the right of the aven, a narrow rift has been descended for 9 m to jammed blocks where a hole down was disto-ed to 22 m . It may be possible to dig out the jammed blocks and descend the 22 m pitch. The rift looks like it would be tightish to start off with but opens out further down. Another good lead but it would require some work

A short distance on, a 2 m climb up enters another area with deep rifts off to the sides Helmet Hunting Horror. The passage continues changing nature. Stepping down over a puddle, the floor is mud covered and gently ascending. A small chamber has bee climbed into, whilst underneath this a low muddy crawl which has the draught coming out of it.

The crawl was pushed in August Cornhill.) d the extension Far Frizzington and the extension Far Frizzington surveyed as batch 2889_17_02. At the end three 13 m pits link at the bottom with no
leads off. leads off.

Batch 288909 14: South is 4 m wide by 6 m high passage with huge blocks on the floor. (A passage on the east side here, batch 2889_13_08, meets a Y junction with one route back to the main passage and another to a choke.) Step from block to on the right which leads to a confusing network of dry, sandy crawls which can be difficult to find the way out of.) Climb up the collapse and keep to the left wall and collapse and keep to the left wall and
through the obvious gaps in the boulders through the obvious gaps in the boulders.
Drop down to the base of a high aven with sandstone beds high up. Three or four sandstone beds high up. Three or four
passages down end in sand and boulde passages down end in sand and boulder
blockages. Way on is left and a loose climb through boulders and left to top of chamber Descend chamber and down slot into 2 m high 10 m wide passage. Passage trends south 2 m wide and 2.5 m high with sandy/ ? floor and gypsum crystals. A passage on the see below. Ed's Birthday Passage continues for perhaps 350 m past fin cracked mud floors and gradually becomes wetter

Near station 09_14.78, a draughting passage (Doldy's Draughting Rift) 2015, ending in draughting pitches, traverses and 'several 5 star leads' (batch $15 \_04,55 \mathrm{~m}$ ). This was pushed in the summer 2015 as the 101 m -long batch 2889_15_10. Two traverses are passed then 1-2m high passage with a strong draught. This ended at the edge of a large shaft which goes up and down about 15 m . The character of the cave changes at this point from dry, old passage to black limestone with many fossils. 'Down' at the end look large and may well be possible whilst a further traverse round a corner on the right hand wall on a good ledge staying at a similar level may well be the best way forward. The good draught and lack of any tree roots would indicate that this end is worth a further push. All traverses here have been left rigged but with no spare rope. At the very end, to reach the final survey station (2889_15_10.2.1) a short MATIENZO UNDERGROUND - site descriptions (printed 19/02/2024
(4m) but wide traverse was pushed over with no protection. The next peop
well want a rope on this traverse. (2889_15_10 description by Pete O'Neill) Doldy's Draughting Rift was further pushed (but not surveyed) in March 2016. A rope was installed on the final traverse. The lower level here is blind. A 4 m bolt climb up at the end of the traverse reaches a junction. To the left is breakdown; to the right is a hole in a rift which is worth investigating. Further work in the summer investigating. Further work in the summer
2016 resulted in batch 2889_16_15, at top 2016 resulted in batch 2889_16_15, at top of the short pitch the other side of the big
pit, it all ended in loose boulder choke 51 m pit, it all er
surveyed).

At the end of Ed's Birthday Passage boulder run-in is climbed ending in a $6 n$ high by 1 m wide drippy rift, cold and draughty - the Wasdale Screes. Also at Easter 2015, it was thought that the new discovered site 4117 could link (it did!) and there was a suggestion of a sound connection at station $09 \quad 14.84$

## BigMat Calf Hole entrance and

 Hardknott PassAt the top of the Wasdale Screes - up 5 m , now roped, climb - is a rift at right angles which was the scene of sparodic but intense efforts over 2013 and 2014. When this remote area was revisited during a 2night camp further back in the cave (August 2013), a re-exploration (and survey, batch 2889_13_04) some 17m up in the roc ealed muddy sandstone rocks and surface creatures. Half the 6 -person team came out after one night to pick up a Molephone set. That evening, a success chat between surface and underground teams located a spot on the surface where hammering on rock could be heard both above and below ground. This point @ 307 4486614800476 Alt. 158m (Eur79) on donkey track around a large and deep depression put the hammering caver in the roof just a few metres away. Sites 3905 $3906,3914,3924$ and, the most extensively worked, site 3916 were excavated in the hope of providing an entrance which bypasses Lake Bassenthwaite and Scafell Aven. Site 3916, BigMat Calf Hole, was connected as a second entrance after mor work with molephones, radios and smoke work with molephones, rac
tests in the summer 2014.

The entrance is found up above the original molephone point (now with an installed rope, p12, with care required at the top) through an excavated section. The route to the surface is then through a crawl in a tube and up through scaffolding and another road drainage tube. The (re)survey to the surface is found as part of batch 2889_14_01.
pitch, opposite the of the BigMat Calf Hole in, opposite the Wasdale Screes route
the main system, a wriggle down
through a slot emerges in a chamber
Clambering over giant blocks, a crawl ends
at a trench. Dropping down at the end of the trench, a passage heading NW containing a plug beyond
To the right of the fox skeleton a rift heads off, the Hardknott Pass. It is possible to follow it at floor level or up a 3 m climb. At floor level a crawl passes sever tight sections to emerge in a window overlooking a deep rift

Up the 3 m climb the top of the passage continues as a crawl passing a couple of until it meets in an area of deep rifts, whe until it meets in an area of deep rifts, where
the lower passage emerges, The Baggage Drop. This was investigated in the summe 2016 when a traverse across the Baggage drop deep rift was rigged and the furthest rift was dropped (blind). The passage ove the top of the Baggage Drop was investigated to end at a sandy blockage. The Baggage Drop rift was descended for 13 m to a window onto a 13 m blind pit
A squeeze through a slot to the right steps over a deep pit ( 5 m rope \& 2 hangers removed) to meet another rift. To the right needs bolt traversing, whilst left a travers over two more deep pits ( 15 m rope $\& 4$ bolts - removed) goes up a short climb anc crawl to emerge into an enlargement, El Zaguán - The Hall Way Stn
2889_14_01.3.21. This is an area of rifts intersected by shafts. All of the pits that have been descended are blind
To the northwest two parallel rifts with deep holes connect back together. Southeast from Stn: 2889 14 01.3.21 a well
decorated passage ends at a climb dowr
and then up, with long a blind 14 m deep rift ahead. To the right this area ends in a pretty grotto with bat bones. (Hardknott Pass
area description by Simon Cornhill)


Batches $2889 \quad 10 \quad 06$ \& $2889 \quad 10 \quad 08$. Deep Rifts Passage heads northeast from Ed's Birthday Passage. The first batch heads off east 1.5 m wide by 2 m high. At MATIENZO UNDERGROUND site descriptions (printed 19/02/2024) Volume 4 - page 132
the $T$ junction the right hand passage
connects back to a small window in Ed Birthday Passage. Left at the $T$ junction follows a few turns until it breaks into a wide chamber. In and around this chamber are holes in the floor with passage seen belo
(these have not been investigated). The these have not been investigated). The continuation is a step over a deep rift (needs descending) and into a 6 m high $1,2 \mathrm{~m}$ wide
rift passage. At the first cross rift is a bolted rift passage. At the first cross rift is a bolted traverse heading south (not concluded). The north cross rift has not been pushed and is ell wo look
From here Deep Rifts (part 2) begins. The last 50 m or so starts as a flatout crawl with a squalid, muddy floor but very draughty. One survey point is an upturned stal, 6 high in the mud floor. The passage turns right after a 3 m bedding gets too tight but vision continues for a further 12 m with a good draught. Before the flat out crawl there is a large, pit in the floor (Eddie's Pitch), approximately 2 m in diameter, 35 m deep but blind. Between the deep pit and the crawl a passage goes off on the right (batch 3 m pot before ending to the east with very draughty pots and avens reaching +10 m and -35 m from station 13_05.11. Further investigation at the end at Easter 2015 was surveyed as batches 15-01 and 15_03. surveyed as batches 15-01 and 15 -03
Batch 15-01 needs drawing up. In the Batch 15-01 needs drawing up. In the
summer 2015, a strongly draughting dig summer 2015, a strongly draughting dig
was excavated near station 2889-15-01.08 which eventually rose up (batch which eventually rose up (batch
2889 15 07) between boulders to emerge 2889_15_07) between boulders to emerge
on the surface at the Cueva Cuba Libre on the surface at the
entrance (site 4182).
entrance (site 4182).
Entering through Cuba Libre at Easter Entering through Cuba Libre at Easter
2016, a choked 12 m pitch (batch 16_06) was surveyed, starting at 2889_15_07.4 (= 2889_16_06.3). A rigged 8 m traverse down a loose boulder floor reaches the head of a Y-hang 12 m pitch, blocked at the base. At the head of the pitch, a passage to the right takes a $90^{\circ}$ turn next to the entering
passage. A loose boulder floor heads to a calcited section and finally, on the right, a choked passage. There is no draught in this area and no real leads.

Further work in Deep Rifts Passage in the summer 2015 extended the traverse the north into batches 2889_15_07 and 8889 pitch. About 6 m down the 8 m pitch a 8 m pitch. About 6 m down the 8 m pitch a bedding / rift passage goes off. This has
been followed for about 20 m to an aven with a large pitch below (40m?)

Deep Rifts Passage appears to have missed' site 3300 but has reached the surface at sites 3470 . Sites 3471 and 3472 are nearby.
SRT kit is required to traverse the installed line. At the end of the summer explorations the Cueva Cuba Libre entrance is not recommended as a normal entrance because of the crawls and traverse; BigMat Calf Hole is a less demanding entrance.

Batch 2889 11 05: The only batch surveyed in the summer 2011. This passage sets off from Ed's Birthday Passage and passes under Deep Rifts Passage. Not yet described. Length 86 m

Although the 2006 optical brightener test from the end of the Sumidero de Cobadal (site 1930) to Fuente Aguanaz (site 713) proved that water route, there was a flood episode during the test and, it may be that during normal flow, water from the Sumidero runs through Torca La Vaca to emerge in Cave of the Wild Mare (site 767) which did not have a detector. A number of suggestions as to the source of the water in Torca La Vaca are shown here.

A diagram of the hydrology of the San Antonio - Hornedo - Cobadal area drawn after Easter 2011 can be found here.

Dowsing occurred over the end of the Suit Wrecker Inlet in July 2011. A positive reaction was perceived in the 'correct' place possibly giving some extra credence to the survey. An article about the dowsing carried out around the northwest sector in July 2011 can be found here.

Biological sampling was undertaken as part of a research project at Easter 2014. Over Easter 2018, the Matienzo Karst Entomology Project (led by Tom Thompson) followed up the previous study by collecting bugs, number of sites under a Cantabria-wide permit. The Entomology Project carried out some work in this cave. Traps were retrieved and spot sampling was carried out over Easter 2019. Photos were also taken.

On August 1st, 2018, Pete Smith took
Christophe Durlet (University of Burgundy) Christophe Durlet (University of Burgundy) and Dimitri Laurent (University of Lorraine, Nancy) along with Patrick and Sandrine Degouve to Ed's Birthday Passage to

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investigate gypsum formations in connection with a possible hypogene origin of the
passage. They thought it an excellents taking small samples (mostly broken pieces off the floor). Isotope studies will help
and determine the source of the gypsum. At August 2021, no feedback had been received.

At Easter 2019, a trip to near the southerr end to explore leads found they had all been comprehensively explored

In November 2023, a familiarisation trip entered through BigMat Calf Hole and travelled the route to the start of Suit Wrecker Inlet - presumably for an eventual pushing trip at the end.

Link to entry in the Cave Diving Sump Index.

Reference: anon., 2008c (Easter logbook); anon. 2008e (summer logbook); anon., 2008 f (autumn
logbook); anon., 2008g (Christmas logbook); Corrin Juan, 2009; anon., 2009a (Easter logbook); anon. 2009b (summer logbook); Corrin Juan, 2010 (photos); anon., 2010b (Easter logbook); anon 2010c (summer logbook); León García José, 2010
(Volume 1 and Volume 2) (line survey); Corrin Juan (Volume 1 and Volume 2) (line survey); Corrin Juan,
2011 (photo); anon., 2011b (Easter logbook); anon.,

| Can You Hear the Buzzing | pdf A4 <br> sheet |
| :--- | :---: |

Fisticuffs in Botchergate
Explanatory sketch survey sheets by Colin Hayward \& Jim Lister
Buttermere downstream sump to Batch 2889_11

Line Survey
n area survey :
Survex file : after 2021 summer (Amended magnetic declination December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014.) Hornedo area (after summer 2021. See note for 2889.3 d file above) (Amended magnetic declination解 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014 Therion area file (January 2012) Passage direction rose diagram: 30/6/2018 x

## 2890: shaft

S Vega 30T 4524304794851 (Datum: ETRS89. Accuracy code: G) Altitude 383m Length 9 m
Area position

Updated 4th October 2013
An open shaft with a fence. In 2013 it was described as a "larger fenced hole with a tree. $3 \times 5 \mathrm{~m}$ open shaft and 4 m deep at the deepest point". The position in 2008 was recorded as 30T 4524774795052.

Sites 2890-2895 were first documented at Easter 2008 with a suspect GPS. An annotated map was used to position sites. They were reinvestigated in July 2013. Site codes used during this visit were tied to the original number after reading the old original number after reading the old
descriptions and viewing photographs. This descriptions and viewing photographs. This directions! Sites 2890-2894 now have the new GPS Coordinates; site 2895 was not new GPS coordinates, site 2895 was not seen and it is likely that site 1190 should be further to the east. Site 2891 could also be quite close to its original position rather tha one 15-20m lower. See map in log book $(28 / 7 / 13)$. See also site 3933 and site 3934

Reference: anon., 2008c (Easter logbook); anon., 2013d (summer logbook)
Entrance picture: Easter 2008 : summer 2013 Underground pictures: Video :
Detailed Survey Line Survey Survex file :
x
2891: shaft
s Vega 30T 4523714794867 (Datum: ETRS89 Accuracy code: G) Altitude 387 m
Length 10 m Depth 7 m Length 10 m Depth 7 m Area position

Updated 4th October 2013
When first documented in 2008 this was described as a 9 m shaft, covered with wood MATIENZO UNDERGROUND - site descriptions (printed $19 / 02 / 2024$ )
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In 2013 it was described as a fenced 5 m
pitch to a sloping mud and stone floor. pitch to a sloping mud and stone floor.
There is a tight rift at the base about 20 cm wide leading to a 1 m drop which is not worth pursuing.

Sites 2890-2895 were first documented at Easter 2008 with a suspect GPS. An original number after reading the old descriptions and viewing photographs. This moved the original positions in quite random directions! Sites 2890-2894 now have the new GPS coordinates; site 2895 was not seen and it is likely that site 1190 should be further to the east. Site 2891 could also be quite close to its original position (above) rather than one 15-20m lower. See map in log book (28/7/13), site B02. See also site 3933 and site 3934

Reference: anon., 2008c (Easter logbook); anon., Reference: anon., 2008
2013d (summer logbook) Entrance picture: yes
Underground pictures Undergr Video
Detailed Survey Detailed Su
Line Survey On area surv Survex file

## 2892: shaft

S Vega 30 T 4524 Area position

Updated 4th October 2013
A small shaft covered with wood and rocks. Unexplored in 2008? In 2013, this wa described as an undescended fenced hole which was not worth pursuing. The origina grid reference was 30T 4524764795087.

Sites 2890-2895 were first documented at Easter 2008 with a suspect GPS. An
annotated map was used to position sites. They were reinvestigated in July 2013. Site codes used during this visit were tied to the original number after reading the old descriptions and viewing photographs. This moved the original positions in quite random directions! Sites 2890-2894 now have the directions! Sites 2890-2894 now have th new GPS coordinates; site 2895 was not seen and it is likely that site 1190 should be further to the east. Site 2891 could also be quite close to its original position rather the


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Reference: anon., 2008c (Easter logbook); anon.,
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Reference: anon., 2008
2013d (summer logbook)
Entrance pictures: ye
Video :
Video :
Detailed Sur
Line Survey
On area surve
On area sur
Survex file

## 8893: shaf

 and a possible dig. This shaft was positioned at 30 T 4524564795053 in 2008.In 2013, it was described as a fenced, rifty hole, $1-3 m$ deep with a sloping mud and boulder floor that goes nowhere.

Sites 2890-2895 were first documented at Easter 2008 with a suspect GPS. An annotated map was used to position sites. They were reinvestigated in July 2013. Site codes used during this visit were tied to the original number after reading the old descriptions and viewing photographs. This moved the original positions in quite random directions! Sites 2890-2894 now have the new GPS coordinates; site 2895 was not seen and it is likely that site 1190 should be further to the east. Site 2891 could also be quite close to its original position rather than one 15-20m lower. See map in log book (28/7/13). See also site 3933 and site 3934

Reference: anon., 2008c (Easter logbook); anon., Reference: anon., 2008c
2013d (summer logbook) Entrance picture: yes Entrance picture: yes
Underground pictures Video :

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Detailed Sur
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Line Survey :
On area survey :
Survex file :

X
2895: shaft
S Vega 30T 4523524794837 (Datum: ETRS89 S Vega 30T 4523524794837 (Dat
Accuracy code: A) Altitude 407 m Accuracy com
Depth 9 m
Area position
Updated 5th October 2013; 4 ${ }^{\text {th }}$ May 2016
Water flows into this unexplored 9 m deep shaft in wet weather, and can be heard shaft in wet weather, and can be heard
falling. A large rock now blocks the top of the shaft.

Sites 2890-2895 were first documented at Easter 2008 with a suspect GPS. An annotated map was used to position sites. They were reinvestigated in July 2013. Site codes used during this visit were tied to the original number after reading the old descriptions and viewing photographs. This moved the original positions in quite random directions! Sites 2890-2894 now have the new GPS coordinates; site 2895 was not seen and it is likely that site 1190 should be further to the east. Site 2891 could also be further to the east. Site 2891 could also be quite close to its original position rather than (28/7/13). See also site 3933 and site 3934

The shaft may have been spotted in April The shaft may have been spotted in April
2016 at 30 T 04522984794858 , altitude 2016 a

Reference: anon., 2008c (Easter logbook); anon. 2013d (summer logbook); anon., 2016b (Easter Enbook)
Entrance picture:
Undergr
Detailed Survey :
Line Survey
On area surve
Survex file
x
2896: cave
S Vega 30T 452371 4794924 (Datum: ETRS89 Accuracy code: G) Altitude 365 m Length $2 m$
Area position

A semicircle of rocks are in front of this cave which is a small rift and possible dig.

Reference: anon., 2008c (Easter logbook)
Entrance picture:
Underground pictures
Video :

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Line Survey :
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On area surve
Survex file :
X
2897: shaft
S Vega 30T 4523734794935 (Datum: ETRS89.
Accuracy code: G) Altitude 360 m Accuracy code: G) Altitude 360 m
Area position

A small climb into a cave which needs enlarging.
Reference: anon., 2008c (Easter logbook)
Entrance picture:
X
2898: hole
Riaño 30 T 4514514800581 (Datum: ETRS89
Accuracy code: G) Altitude 130 m
Accuracy cod
Area position
A hole in the undergrowth above site 1805.
Reference: anon., 2008c (Easter logbook)
Reference: anon., 200
Entrance picture: yes
Entrance picture: yes
Underground pictures
Video :
Video:
Detailed Survey
Line Survey
On area survey
Survex file
x
2899: 3 A-tree-goes, The
Riaño 30T 4514974800694 (Datum: ETRS89
Riaño $\begin{aligned} & \text { Act } \\ & \text { Accuracy code: G) Altitude } 158 \mathrm{~m}\end{aligned}$
Area position
(No description)
Reference: anon., 2008c (Easter logbook)
Entrance picture: yes
Video:
Vided Survey
Detailed Su
Line Survey
On area surve
On area sur
Survex file
x
2900: cave
Riaño 30T 451479 4800683 (Datum: ETRS89
Accuracy code: G) Altitude 155 m
h $2 m$
Area position
Updated 26th June 2010
A phreatic roof entrance in the middle of a
field, barely 2 m long.
Reference: anon., 2008c (Easter logbook); anon.,
2010b (Easter logbook)
Entrance picture: ye
Underground pictures
Underground pict
Video:
Detailed Surve
Line Survey
On area sur
Survex file
X
2901: hole
Riaño 30 T 4514544800692 (Datum: ETRS89.
Riano 30 code: G) Altitude 152 m
Accuracy cod
Area position
A slot in the limestone pavement in the
field.
Reference: anon., 2008c (Easter logbook)
Reference: anon.,
Entrance picture: yes
Underground pictures
Video :
Video:
Detailed Survey
Line Survey
On area survey
2902: cave
Riaño 30T 451539 4799683 (Datum: ETRS89
Accuracy code: G) Altitude 177 m
Accuracy cod
Area position
Updated 2nd November 2015
A keyhole-shaped passage in the wall of the
gorge.
Reference: anon., 2008c (Easter logbook); anon.,
2015d (autumn logbook)
Entrance pictures: yes
Underg
Video
Detailed Survey
Line Survey
On area surv
On area sur
Survex file
2903: Church Entrance (Hoyuca
entrance)
Riaño 30T 4515994799753 (Datum: ETRS89.
Accuracy code: G) Altitude 175 m
Area position

Quadraphenia. In the 1990's, one section of passage was inundated with cow shit which by October 2015, had completely disappeared

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Reference: anon., 2008c (Easter logbook); anon.,
2015d (autumn logbook)
Entrance pictures: yes
Video :
Detailed Survey:See site 107
Line Survey
On area survey
Survex file :
Passage direction rose diagram: Four Valleys
System
x
2904: hole
Riaño 30T 452161 4799993 (Datum: ETRS89
Accuracy code: G) Altitude 198m
Area position
```

A site over the end of 89 Cents Tinto in
Cueva Riaño.
Reference: anon., 2008c (Easter logbook)
Reference: anon., 2008
Entrance picture: yes
Entrance picture: yes
Video :
Detailed Survey
Detailed Sur
On area survey
Survex file :
X
2905: hole
Riaño 30T 451615 4799644 (Datum: ETRS89
Riaño 30T 4516154799644 (Datu
Accuracy code: G) Altitude 197m
Accuracy cod
Length 3 m
Area position
Updated 9th May 2009

A hole above the track which has a hands-and-knees crawl ending after 3 m .

Reference: anon., 2008c (Easter logbook); anon., 2009a (Easter logbook)
Entrance picture: yes

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Video :
```

Detailed Survey :
Line Survey
On area survey :
Survex file :
x
2906: sink
Hornedo 30T 448215 4800617 (Datum: ETRS89.
Accuracy code: A) Altitude 175 m
Area position

A sink on the south side of the road, above the depression with site 1164.

Reference: anon., 2008c (Easter logbook)
Reference: anon.,
Entrance picture: Underground pictures Video :
Detailed Survey Line Survey On area surv
x
2907: Stink Pot
Hornedo 30T 4479334800444 (Datum: ETRS89. Accuracy code: G) Altitude 295 m Length 7 m Depth 5 m
Area position Area position

Updated 15th October 2008; 12th May 2012; 27th April 2013; 5th July 2015; 9th May 2018
A sink next to the road, fed from a fuente 50 m away and 5 m higher. This cess pit also takes the run-off from the farm above.

A 5 m pitch belayed to a log over a bodysized slot is bigger below, dropping into ankle depth mud/ slurry there is a possible duck in shit where the water flows. Strangely enough this has not been entered!
To the west it is possible to crouch without To the west it is possible to crouch without crawling in the effluent. The passage continues for around 7 metres, ducking under a boulder which then opens up and is sandy underfoot before coming to an abrupt end. The fauna was of particular interest at Easter 2012 and unsurprisingly consisted of many fat spiders, an enormous toad and a portly salamander.
A visit at Easter 2013 found conditions underground too uncomfortable to push any passage but it was recognised that the hole was easily taking a lot of water. (Cave description by Simon Cornhill)

A visit in April 2018 was abandoned when an endoscope camera broke.

Reference: anon., 2008c (Easter logbook); anon., 2008e (summer logbook); anon., 2018b (Easter logbook) Entrance pictures: yes Underground pictures : yes
Video : Easter 2012 : Easter 2013 (YouTube) Detailed Survey :
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## Line Surve

Updated 15th October 2011; 18th May 2023 (No description). Not found in 2011.
The cave was located in April 2023 when Orux Maps took us pretty much straight there". There is an obvious depression at the top side of a large gorse / shrub area with the entrance at the base of a small rock outcrop

A snug entrance slopes down steeply over earth / mud and agricultural bags to a sit-up area. A short climb down over flowstone enters a rift passage. Another squeeze drops through to the bottom of a pretty rift passage. (Bang wire was found where earlier progression was being attempted earlier progression was being attempted
down at this point.) There is a climb up into down at this point.) There is a climb up
higher passage which was carried out. higher passage which was
[Jess Eades / Martyn Grayson]

Reference: anon., 2008c (Easter logbook); anon Reference: anon., 2008c (Easter logbook); an
2011d (summer logbook); anon., 2023b (Easte 2011d (s
logbook)

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Entrance pictures: April }202
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Underground pictures : April 2023
Video :
Detailed Survey : April 2023
Line Survey :
On area survey :
Survex file : April 2023
2909: cave
2909: cave
Fresnedo 30T 4520134801696 (Datum: ETRS89
Fresnracy code: A) Altitude 175 m
Accuracy code
Area position
A small, unexplored rift at the side of the
road.
Reference: anon., 2008c (Easter logbook)
Entrance picture
Underground picture
Video :
Detailed S
Line Survey
On area survey
Survex file

2910: cave
El Naso 30T 451474 4796880 (Datum: ETRS89 Accuracy code: G) Altitude 355 m
Undergr
Video :
Video :
Detailed Survey
Detailed Sur
Line Survey
Line Survey
On area sur
Survex file
2911: resurgence
A small rising.

## on area surur suruex fie?

## x

2913: shaft
S Vega 30T 4529734794264 (Datum: ETRS89 Accuracy code: G) Altitude 437 m Length 15 m Depth 7 m
Area position
Updated 9th May 2009; 19th May 2022
"An unexplored 4 m shaft." (At Easter 2009, it was not found at this grid reference.)
The rift was explored down a free climb from the northwest side, a sloping climb through vegetation to a choked base about 7 m down from the highest point.

Reference: anon., 2008c (Easter logbook); anon., Reference: anon., 2008c (Easter logbook); ano
2009a (Easter logbook); anon., 2022b (Easter 2009a (Eas
logbook)
Entrance pictures: April 2022 Entrance pictures: Aprii
Underground pictures Video :
Detailed Survey
Line Survey
On area surv
Survex file:
X
2914: shaft
S Vega 30T 453100 4794355 (Datum: ETRS89 Accuracy code: G) Altitude 400 m Area position

An uninspected, narrow shaft.
Reference: anon., 2008c (Easter logbook)
Reference: anon., 2
Entrance picture:
Underground pictures

## Video:

 Line Survey : On area survey : Survex file :
x
2915: shaft S Vega 30T 453100 4794373 (Datum: ETRS89 S Vega 30T 453100 4794373 (Dat
Accuracy code: G) Altitude 400 m Accuracy code

An uninspected, narrow shaft.
Reference: anon., 2008c (Easter logbook)
Entrance picture: Entrance picture: Underground pictures Video: Line Survey: On area surve Survex file

## x

2916: shaft
Barrio de los Urros 30 T 4484074800204 (Datum ETRS89. Accuracy code: A) Altitude 172 m Length 64 m Depth 51 m

## Area position

Updated 15th October 2008; 15th October 2011; 21st October 2013

The site has a powerful draught at times. Exploration and bolting in the summer 2008 were hindered by swarms of flies. Exploration was extended over 5 days as first "not enough ladders" then "needs bolts" then "not enough rope" played their parts. After passing through sandstone at the entrance, a 16 m pitch drops to a mud slope and rock bridge. The following p5 has a narrow pitch head but quickly opens out, landing on sandstone blocks. A p11 with loose blocks all the way down lands at the head of a further drop (p12) and a passage which quickly chokes. The base of the p12 which a flat bottom and a narrow rift.

The site was collapsed - boulders and soil across the top of the entrance - when visited across the top of the
in the summer, 2011.

Other sites of interest in or around the depression over this end of Torca la Vaca include 3594, 3905, 3906, 3914, 3916, 3924 and 3925. Reference: anon., 2008c (Easter logbook); anon.,
2008e (summer logbook); Corrin Juan, 2009; anon. 2011d (summer logbook)
Entrance pictures: y
Underground pictures : Video :
Detailed Survey : pdf file Line Survey :
Survex file : yes (Amended magnetic declination December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014.)

## X

2917: Urros, Cueva de los (E) Zorro, los Gatos y el Frigo Barrio de los Urros 30T 4484004799970 (Datum:
ETRS89. Accuracy code: G) Altitude 169 m

| MATIENZO UNDERGROUND - site descriptions (printed $19002 / 2024$ |
| :--- |
| Volume 4-page 14 |

## Length 1562 n Area position

Updated 15th October 2008; 12th May 2012; 28th April, 5th, 6th, 21st October, 16th November 2013; 6th March 2014; 5t July, 30th October 2
28th January 2019 28th January 2019
ENTRY IS NOT PERMITTED BY THE PEOPLE LIVING IN THE HOUSE ABOVE THE ENTRANCE
In December 2018, an attempt was made by In December 2018, an attempt was
Diane Arthurs and Simon Cornhill to
Diane Arthurs and Simon Cornhill to
negotiate access to the cave: Unfortunately negotiate access to the cave: Unfortunately
the 'incident' from 2008 appears to still be very prominent in the resident's minds who live in the house above the entrance, as they kept mentioning the use of explosives. No matter what we could say, they were adamant that there is absolutely no access to this cave.
This situation feels odd, as when we explored this cave in 2013/2014 having spoken to all of the local residents at the time there were no issues.
It is worth noting that on the owners property there were two new looking signs, one said neighbourhood watch and the other had images of a cctv camera, a police officer's head and a radio mast! This could explain how the Guardia Civil arrived so explain how the Guardia Civil arrived so quickly when we attempted to approach the cave at Easter this year

An entrance with a stone lintel into a manmade fridge leading to a small tube with a continuation. "Requires a dig and a small caver" - excavation commenced in the summer 2008 but was curtailed after request from a concerned woman More request from a concerned woman.
At Easter, 2013, there appeared to be no At Easter, 2013, there appeared to problem with continuing excavations, and nest in the entrance and tics in the grass outside. The small passage was enlarged at a bend, fresh dung (badger?) was seen (and smelled) and walking passage became smaller where the muddy floor rose. A freshly gnawed calf(?) bone in the centre of the passage was the signal for a hasty retreat after taking a photo and video. Two passages appear to head off beyond the leg.

The cave was explored to 1.4 km in the summer 2013 and, in the southwest corner, further explorations to the deepest point (length now 1562 m ) in February 2014 Explorations in February were not ambushed by animals and the new owner of the nearby by animals and the new owner of the nearby by the caving activities.

Description (Simon Cornhill)
A small entrance series leads to an extensive and complicated maze system, currently 1.5 km long and covering the size of a rugby pitch.

The main development is on one level, typically walking, $1-1.5 \mathrm{~m}$ wide and $5-10 \mathrm{~m}$
the high with many junctions
In places the 'walls' are comprised of very large pillars, creating junctions every couple of meters which adds to the feeling of disorientation. The passages have a sandy
floor, a flat sandstone roof and are festooned with a variety of delicate and interesting formations

The northern and eastern areas are close to the surface and eventually choke, end or become too low. The western area which is closest to Torca la Vaca (around 35m above) is bounded by a massive and extensive boulder choke. To the south, and heading into the hill, the cave ends at several well decorated grottos, a small boulder choke and blocked passages

The powerful outward draught throughout the entrance series is unfortunately lost, but the western chokes feel cold and a couple of passages to the south seem to draught slightly.

Entrance Series
The entrance has a stone lintel and pillars leading into a man-made cold store, at the back of which is a small body sized tube ntin cold draught appears to be
continuously emitted. The tube continues for 5 m around several corners to an enlargement. This section shouldn't pos any real difficulty for the 'average caver' now as the tighter corners have been emoved.
To the left in the enlargement is a too low passage which is assumed to be very close to the surface. Ahead, a small inlet enters from the roof, whilst to the right the obvious way on is down a slope to brief stooping height.

A small passage to the left is too low but connects with the known system. Continuing ahead up a short slope is a junction (the limit of the Easter 2012 exploration, wher the freshly gnawed bone was found and MATIENZO UNDERGROUND site descriptions (printed 19/02/2024) Volume 4 - page 142
halted further progress - Bone Junction). Straight on here is too low and assumed to passage continues as a crawl for 10 m , to emerge into a passage of comfortable hand and knees proportions Lucky Thirteen (Stn: 1.13).
his is the end of the entrance series. Let the games begin!

South and West areas
Left at Lucky Thirteen junction and continuing in the same direction, the hands and knees crawl from several places leads to the main system, into I Believe Chamber (Stn: 1.18), where the roof soars up to 10 m high. The main way on from here is in a north westerly direction, passing through Continental Chamber (Stn: 1.23). Between these two chambers is the main complex pillars, creating junctions every couple of pillars,
Continuing north west from Continental over a fallen slab is Keel Corner (Stn:1.30) over a fallen slab is Keel Corner (Stn:1.30).
Straight ahead, the obvious way on passes Straight ahead, the obvious way on passes the Octopus Tentacles eventually leads to a small chamber (Stn: 1.34). Beyond here is the start of the extensive boulder choke: a
slope to the north leads to a higher level in slope to the north leads to a higher level in the choke whilst a crawl to the northwest
leads to a lower level. eads to a lower level.
At Keel Corner heading due south reaches
the Bed Headrest (Stn: 41.5). On the left, at the Bed Headrest (Stn: 41.5). On the left, at
the foot of the bed, an excavated draughting squeeze emerges in a small chamber Meya Teleta (Stn: 103.4). Right closes up after a short distance. Left up a 2 m climb ends wit
a small hole in boulders. Straight ahead a small hole in boulders. Straight ahead down a 5 m inclined slab The Crocadile Slide (handline useful) enters another small loose chamber. Directly ahead a 2 m climb enters an unpleasant area full of large sandstone blocks.
At the end of this chamber over a mud bank is Choss Pit. This 10 m pitch is potentially free climbable but is VERY loose o it was descended in three short pitch ( 25 m rope +7 thrubolts). At the top of these pitches a high level chamber can be accessed with a dodgy false floor ov
drop. Nothing of interest was found.

At the bottom of the pitches a chamber is At the bottom of the pitches a chamber is
formed from massive fallen blocks. Under formed from massive fallen blocks. Under
the pitch is the most interest, a climb down a loose mud slope or crawl \& p4 leads to a slot at the top of a heavily fossilised cross
rift. A snug p7 descends this to a dig at the bottom. Peering through the rift ar enlargement can be seen and rocks rattle down for a few metres. Capping is required Bake any progress. All ropes derigged. rt of Eleventh Hour Passage, several routes head south to a slope up with a loose choke at the top. Ignoring this leads to a short climb up into the well decorated L.O.S.T. Chamber (Stn: 2.10). The obvious way on is to the east, where the passage changes nature to become the very crumbly holes in the floor. The larger hole at the end and to the left of this were both descended to too tight immature streams. This is one o the lowest places in the cave.

Back in L.O.S.T. Chamber, it is possible Back in L. S.T. C.
to climb up at Stn 2.11 to gain a route through the Greyhound Grotto and past the Ice Queen Grotto before heading back nortl to I Believe Chamber. This route is NO recommended due to the very close proximity of delicate formations.

## North and Central Areas

Back at the end of the entrance series, the hands and knees crawl passes a passas on the left at Stn: 50.1. (Carrying straight on to a stal, a steep bank is descended into walking passage. CAUTION: there is a 6 m deep pit at the base of the slope! This has been descended but un-surveyed, it quickly closes down in all directions. The rest of the
higher level ends in chokes and appears to higher level ends in chok
be close to the surface.)
be close to the surface.)
Taking the left turn at Stn: 50.1 is the
Taking the left turn at Stn: 50.1
main route into the northern area.
main route into the northern area.
Continuing straight on past several sid passages a $T$-junction is met, the way on is to the right. To the left, southwest several low passages are past which connect into the complex area near I Believe Chamber Rising to walking height bear left at the bottom of the slope. Rounding a left corner enters the high Magic Pony rift chamber. It is possible to climb down 13 m in the floor here but chokes up. To the north a passage ends in tight ascending rift which chokes. Taking the first passage on the left (southwest) at Stn:51.6 in Magic Pony ascent on a slippery calcite slope to Parsnip ascent on a slippery calcite slope to Parsnip
Junction at Stn:51.13. Straight on through a couple of crawls bring you back to Eleventh Hour Passage. Possibly the best route from

[^0]the north to south sections in this area. Left at Parsnip Junction and down a slope is a chamber at the end of Magic Pony where several passages end too tight. Back at the junction at Stn:51.15, heading northwest ducking under a hanging boulder, a short climb and acrobatic step over a 3 m a short climb a to acrunation in a series of roof level crawls Stn:37.5. Left and heading SSW round a corner is over Eleventh Hour Passage, which can be seen through several holes in the floor. Part way along this passage heading northwest is the well decorated Coat Hook Corridor. Traversing over several pits, this ends in sandstone
break down. break down.
Back at the junction with Stn:37.5, northeast through a stal squeeze Prison Gates a 10 m pitch is reached. At the bottom of this southwest ends in a sandy blockage.
To the northeast and down a 2 m climb, over To the northeast and down a 2 m climb, ov
a pit, a 4 m climb up and down. (A ladder a pit, a 4 m climb up and down. (A ladder
can be belayed to large thread at the top of the climb). This continues in brief walking passage. A 3 m climb up a mud step and crawl enters No Fractura Way, where cracks in the passage walls get bigger the further in you go, as if they have been ripped apart by a seismic event. This ends at squeeze The Round Window, (Stn:60.19), where the cave dramatically changes nature into a chaotic boulder choke. This is next to Zorro's Revenge Choke. East down a 5 m climb/pitch, a muddy crawl connects into this. Digging and descending numerous holes in both chokes has so far been unsuccessful in locating a way on.

The big boulder chokes are around 70 m horizontally from High Street Oxbow in the high level route in Torca La Vaca and 40 m above it. The top of the, as yet unclimbed, 24 m aven in High Street Oxbow narrows this gap to 16 m above Vaca...

Reference: anon., 2008c (Easter logbook); anon. Reference: anon., 2008c (Easter logbook); anon.
2008e (summer logbook); anon., 2013b (Easter logbook); anon., 2013d (summer logbook); anon. 2014a (January, February logbook); anon., anon.,
2018e (Christmas logbook) 2018e (Christmas logbook)
Video :
Detailed Surve
Line Survey
On area survey
On area sur
Survex file

## 2919: dig

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Miveo:
Metailed surl
On areasurve
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Survex file :
2921: diq
El Naso 30T 451528 4796823 (Datum: ETRS89.
El Naso 30 T 4515284796823 (Dat
Accuracy code: G) Altitude 352 m
Accuracy code
Area position

An orderly pile of stones against a rock face may conceal a cave entrance.

Reference: anon., 2008c (Easter logbook)
Entrance picture: Entrance picture Underground pictures Video: Detailed Survey Line Survey : On area surve
Survex file : X 2922: sink Las Calzadillas 30T 4483884795590 (Datum: ETRS89. Accuracy code: G) Altitude 495 m Area position
A tight, slightly draughting sink under a sandstone lip. The site is next to a larger shakehole.

```
Reference: anon., 2008c (Easter logbook)
```

Reference: anon.,
Entrance picture:
Entrance picture:
Underground pictures
Underg
Video :
Detailed Survey
Line Survey
On area survey :
Survex file
X
2923: shaft
Las Calzadillas $30 T 4484324795888$ (Datum:
ETRS89. Accuracy code: A) Altitude 495 m
ETRS89. Accuracy code: A
Length 58 m Depth 35 m
Area position

Updated 29th April, 10th May; 8th June 2012

This is a large doline with a warm draught in a hole at the cliff edge. There is a short passable drop. A 12 m pitch meets a couple of climbs down and a final p5 into a choked of climbs down and a final p5 into a cho
chamber. A dry streambed crosses the chamber.
[Grid ref of 448583 4796089; ETRS89: 30T 448481 [Grid ref of 448583 4796089; ETRS89: 30T 448481
4795880 put the entrance in the wrong place. Old 4795880 put the
GR used above.]

Reference: anon., 2008c (Easter logbook); anon., Reference: anon., 2008c (Easter logbook);
2012b (Easter logbook); Corrin Juan, 2013a 2012b (Easter logbook);
Entrance picture: yes Underground pictures : yes Video: Video:
Detailed Survey : pdf file
Line Survey: Line Survey : On area survey :
Survex file : yes (Amended magnetic declination Survex file : yes (Amended magnetic declination
December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014.)
x

2924: sink
Las Calzadillas 30 T 4483584795914 (Datum: ETRS89. Accuracy code: G) Altitude 477 m
Area position Area position

A sink which may dig

```
Reference: anon., 2008c (Easter logbook)
Reference: anon.,
Entrance picture:
Underg:
Detailed Survey
Detailed Sur 
On area survey :
Survex file
X
2925: sink
Las Calzadillas 30T 448404 4795946 (Datum:
Las Calzadillas 30T 448404 4795946 (Datum
Area position
A stream sinks immediately next to the
A stre
Reference: anon., 2008c (Easter logbook)
Entrance picture:
Underground pictures
Video :
Detailed Survey
Line Survey 
On area surve
On area surv 
x
2926: shaft
Ozana 30T 4533624794045 (Datum: ETRS89
Accuracy code: G) Altitude 438m
Length 12m Depth 8m
Area position
Updated 9th May 2009
A \(5 \times 2 \mathrm{~m}\) shaft top, close to site 2813 , which MATIENZO UNDERGROUND - site descriptions (printed 19/02/2024)
Volume \(4-\) page 145
```

descends 8 m to a 4 m slope and a muddy choke. Not in the current permit area.
Video :
Detailed Survey
Line Survey :
On area survey
On area sur
Survex file
X
2927: hole
Las Calzadillas 30T 4484134795448 (Datum:
Las Calzadillas 30T 4484134495448 (Dat
ETRS89. Accuracy code: G) Altitude 475 m
ETRS89. AcCl
Area position
A possible walled-up area in a large doline
A possible walled-up atcrop.
below a limestone outcren
Reference: anon., 2008c (Easter logbook)
Entrance pictur
Entrance picture:
Underground picture
Video :
Detailed Survey
Line Survey
On area survey
On area sur
Survex file

## 2928: sink

Las Calzadillas 30T 4483634795193 (Datum: ETRS89. Accuracy code: G) Altitude 478 m Area position

The road drains to a sink on the left of the track.

Reference: anon., 2008c (Easter logbook) Entrance picture

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Reference: anon., 2008c (Easter logbook
```

Entrance picture:
Underground pictures
Video :
Detailed Survey
Line Survey
On area survey
Survex file
2930: sink
Las Calzadillas 30T 4481624794929 (Datum:
Las Calzadillas 30T 4481624794929 (Dai
ETRS89. Accuracy code: G) Altitude 433 m
ETRS89. Accl
Area position

## A doline where a stream sinks.

Reference: anon., 2008c (Easter logbook) Entrance picture
Underground pic
Video :
Video:
Detailed Sur
Line Survey
On area survey
Survex file

## 2931: sink

Camposdelante 30T 4465634799589 (Datum ETRS89. Accuracy code: G) Altitude 213 m Area position

A possible mud-choked sink.
Reference: anon., 2008c (Easter logbook) Entrance picture: yes Underground pictures
Video :
Detailed Survey
Line Survey
Line Survey
On area sur
On area sur
Survex file
X
2932: sink
Camposdelante 30T 4466784799684 (Datum ETRS89. Accuracy code: G) Altitude 198 m Area position

A stream sinks in mud "just above" site 2680. (Note that the altitude puts the site below 2680. ) above site 2680 .

Reference: anon., 2008c (Easter logbook) Reference: anon., 2008
Entrance picture: yes Underground pictures Underg
Detailed Survey : Line Survey On area surve
Area position
A rock-filled shakehole which is a possible
dig.
Reference: anon., 2008c (Easter logbook)
Entrance picture: yes
Video:
Detailed Survey :
Detailed Sur
Line Survey
On area survey :
Survex file :
X
2935: sink
Camposdelante 30T 4465054799721 (Datum:
Camposdelante 30T 4465054799721 (Datu
ETRS89. Accuracy code: G) Altitude 209m
ETRS89. Accur
Area position

A small stream sink needs digging.
Reference: anon., 2008c (Easter logbook) Entrance picture: yes Underground pictures Video : Detailed Survey On area surve Survex file :
x
2936: shaft
Camposdelante 30T 4465434799881 (Datum:
Camposdelante 30 T 4465434799881 (Dat
ETRS89. Accuracy code: G) Altitude 248 m
Length 4 m Depth 4 m Length 4 m
Area position

A 4 m deep shaft choked with mud.
Reference: anon., 2008c (Easter logbook) Entrance picture: yes Underground pictures Video:

```
Detailed Sur
```

Line Survey:
Survex file
x

2937: hole
Camposdelante 30 T 4465594799903 (Datum: ETRS89. Accuracy code: G) Altitude 255 m Area position

A significant depression has ivy-covered trees, a flat mud floor and a small hole at the base of a limestone wall

```
Reference: anon., 2008c (Easter logbook)
Entrance picture: yes
Video:
Detailed Surve
Line Survey
On area survey
Survex file:
X
2938: shaft
Camposdelante 30T 4466594799880 (Datum: Camposdelante 30T 4466594799880 (Datu
``` ETRS89. Accuracy code:
Length 10 m Depth 4 m Length 10 m
Area position

\section*{Updated 15th October 2008}

This is the lowest of 3 sites in a stand of trees. The two other holes in the depression are sites 2939 and 2940
A \(4 m\) vertical drop lands at the top of a small chamber which slopes down to a mud and boulder choked sink. This has been excavated but a lot more work would be required. The skeletons of several small animals are around this lower end of the chamber.
A 5 cm wide, slightly draughting slot on the right hand wall has been enlarged to bodysized. A squeeze through meets a rift parallel to the chamber. A descending slot drops down about 6 m at \(45^{\circ}\), but it requires enlarging.

Reference: anon., 2008c (Easter logbook); anon., Reference: ano logbook)
2008e (summer
Entrance picture: yes
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$$
l
Line Survey
On area survey
Survex file

```
2939: hole
2939: hole
Camposdelante 30T 4466634799882 (Dat
ETRS89. Accuracy code: G) Altitude 265 m
Area position
A "second hole" in the depression, along
with sites 2938 and 2940.
Reference: anon., 2008c (Easter logbook)
Entrance picture: yes
Underground picture
Video :
Video :
Detailed Survey
Line Survey
On area survey
Survex file

\section*{2940: hole}

Camposdelante 30 T 4466644799884 (Datum ETRS89. Accuracy code: G) Altitude 266 m Area position

A "third hole" in the depression. The others are sites 2938 and 2939.

Reference: anon., 2008c (Easter logbook) Entrance picture: ye
Underground pictures
Video :
Detailed Survey Line Survey Oine Survey
On area sur
Survex file:
\(x\)
2941: sink
Camposdelante 30T 4465924800057 (Datum
ETRS89. Accuracy code: G) Altitude 293 m
Area position
A sink full of glass bottles and other rubbish.
Reference: anon., 2008c (Easter logbook)
Reference: anon., 2008
Entrance picture: yes
Underground picture
Video :
Detailed Survey
Detailed Sur
Line Survey
On area survey
On area sur
Survex file
2942: dig
2942: dig
Fuentecil 30T 4463914800325 (I
Accuracy code: G) Altitude 263 m
Accuracy code
Area position
Updated 12th January 2018

A shakehole with a rift slot that needs digging out. (Area corrected to Fuentecil).

Reference: anon., 2008c (Easter logbook) Entrance picture: ye Underground pictures
Video:
Detailed Survey
Line Survey
On area survey
Survex file
2943: shaft
Camposdelante 30 T 4462634799895 (Datum
Camposdelante 30T 4462634799895 (Dat
ETRS89. Accuracy code: G) Altitude 239 m
Length 5 m Depth 5 m
Area position

A shaft in an overgrown shakehole which has been descended for 5 m until choked by boulders.

Reference: anon., 2008c (Easter logbook) Entrance picture: ye
```

Underground pictures

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Video
Detailed Survey
Detailed Sur
Line Survey
Line Survey
On area sur
On area sur
Survex file :
2944: cave
Camposdelante 30T 4462014799812 (Datum
ETRS89. Accuracy code: G) Altitude 240 m
Area position

A cave blocked with rubbish under tree roots on the side of a gully with a spring bed across the entrance.

Reference: anon., 2008c (Easter logbook) Entrance picture: yes Video

\section*{\(\frac{2945: \text { sink }}{\text { Compcritate }}\)} Camposdelante 30T 4463544799731 (Datum: ETRS89. Accuracy code: G) Altitude 200 m rea position

A slot between boulders and a sink in mud with a slumped hole.

Dowsing was carried out upstream of the end of Fuente Aguanaz in July 2011. The reaction enclosed the depression with site 2945. See links below.

Reference: anon., 2008c (Easter logbook) Entrance picture: yes Underground pictures Video :
 ine Survey : Line Survey:
On area survey : Dowsing reactions close to thi On area survey : Dowsing reactions close to this
cave : Dowsing reactions from Fuente Aguanaz through site 2945. (Article about the dowsing carried out in July 2011 can be found here.)
Survex file: Survex file :
x
2946: cave
Camposdelante 30T 4463614799720 (Datum: ETRS89. Accuracy code: G) Altitude 209 m Length \(2 m\)

A hole behind a tree half way up the side of the depression.
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Reference: anon., 2008c (Easter logbook)

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Underground pictur
Video:
Detailed Survey
Line Survey:
Survex file :
x
2947: cave
Hornedo 30T 447852 4801262 (Datum: ETRS89.
Accuracy code: G) Altitude 114m
Length 10m Depth 5m
Area position

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\section*{Updated 22nd May 2015}

A low, draughting entrance with a sandstone roof leads to a 5 m pitch which drops into a 5 m long rift. Daylight is visible, possibly from site 2920. The south end is a narrowing rift with a possible enlargement after 3 m .

There are 6 more small, tight entrances to the south along the same scar.

Reference: anon., 2008c (Easter logbook); anon., Reference: anon., 2008
2015b (Easter logbook)
Entrance picture: yes Entrance picture: yes
Underground pictures Undergr
```

Video:

```
Detailed Survey
Line Survey
On area survey :
On area sur
Survex file :
X
2948: cave
2948: CaVe
Hornedo 30T 4478454801298 (Da
Accuracy code: G) Altitude 115 m
Length 7 m Depth 3 m
Area position

A cave under sandstone drops down with a possible dig at high level which needs checking out on a hot day.

Reference: anon., 2008c (Easter logbook) Entrance picture
Underground pic Video :
```

ailed Line Survey:

``` On area surve Survex file :
```

X

```
2949: cave
Hornedo 30T 447966 4800838 (Datum: ETRS89. Accuracy code: G) Altitude 165 m Area position

Updated 15th October 2011; 28th April 2013
The farmer pointed out a hole in the wood which was not visited in 2008. Approximate position.

The heavily vegetated depression was visited in 2011 and 5 possible holes documented.

a: A low bedding plane about 4.5 m long. Possibly draughting
b: A low level crawl inaccessible due to a boulder and a triangular hole in the floor with a small chamber below.
c: An entrrance leads to a bouldery chamber ?) with a bedding plane and daylight seen on the opposite side
d : A belly crawl of about 2 m into a large chamber which is "boulder filled". Severa possible ways to push but all choked. possible ways to push but all choked.
e: Running water (after wet weather) sinks e: Running water (after wet weather) sink higher up on the SW edge of the hollow. Some boulders were removed and a cave

Two further GPS readings are:
for e: 30T 0448020 4800992; ETRS89: 30T 4479184800783
for a,b,c,d: 0448058 4801065; ETRS89: 30 T 4479564800856

See logbook for more details, including sketches.

Another visit at Easter 2013 revealed three holes close together where the left and centre ones connect. The right hand hole enters a 3 m diameter(?) low chamber via a flatout wriggle. A small trickle of water was uncovered, emerging and sinking in very small slots.

Reference: anon., 2008c (Easter logbook); anon. Reference: anon., 2008c (Easter logbook); an
2011d (summer logbook); anon., 2013b (Easte logbook)
Video :
Detailed Survey
Line Survey :
On area survey
On area sur
Survex file
2950: cave
Hornedo 30T 4480104800834 (Datum: ETRS89.
Accuracy code: G) Altitude 156 m
Accuracy code
Area position
An unexplored cave over sandstone at the
southwest end of the depression, just under
southwes
the road.
Reference: anon., 2008c (Easter logbook)
Entrance picture
Entrance picture.
Video:
Detaile
Detailed Su
On area surv
Survex file:

\section*{2951: sink}
```

Video:
Lineiled Survey
On area surve

```
Survex file :
X
2953: cave
Hornedo 30T 447407 4800825 (Datum: ETRS89
Hornedo 30T 4474074800825 (D
Accuracy code: G) Altitude 168 m
Length 1 m
Area position
A small, non-draughting, 1 m long cave in a
shallow depression
Reference: anon., 2008c (Easter logbook)
Entrance picture:
Entrance picture:
Underground pictures
Underground pic
Detailed Survey :
Line Survey :
On area survey
On area surv
Survex file :
x
2954: resurgence \& sink
Hornedo 30T 4473924800531 (Datum: ETRS89.
Hornedo 30T 447392 4800531 (D
Accuracy code: G) Altitude 217 m
Area position
A rising and sink at the track next to the
farmhouse.
Reference: anon., 2008c (Easter logbook)
Entrance picture: yes
Underground pictures
Video :
Detailed Survey
Detailed Surve
Line Survey:
On area surve
On area sur
Survex file
x
2955: resurgence \& sink
Hornedo 30T 4473134800410 (Datum: ETRS89.
Hornedo 30T 4473134800410 (D
Accuracy code: G) Altitude 226 m
Area position
A rising and sink at the track.
Reference: anon., 2008c (Easter logbook)
Entrance picture:
Underg
Detailed Survey
Detailed Sury
On area survey :
Survex file :
X
2956: resurgence \& sink
2956: resurgence \& Sink
Hornedo 30T 4471294800330 (Datu
Accuracy code
Area position
A rising and sink.
Reference: anon., 2008c (Easter logbook)
Entrance picture
Entrance picture:
Underground pictures
Underground pict
Video:
Detailed Survey :
Detailed Sur
On area survey
On area surv
Survex file :
X
2957: resurgence \& sink
Hornedo 30T 447079 4800322 (Datum: ETRS89
Hornedo 30T 4470794800322 ( D
Accuracy code: G ) Altitude 229 m
Hornedo 30T 4470794800322 (D
Accuracy code: G) Altitude 229 m
Area position
A rising and sink.
```

Reference: anon., 2008c (Easter logbook)

```
Reference: anon., 2008
Entrance picture:
Underground pictures
Underground pictur
Video
Video:
Detailed Survey
Detailed Sur
Line Survey
Line Survey:
Survex file :
X
2958: dig
Hornedo 30T 4480964800940 (Datum: ETRS89.
Accuracy code: G) Altitude 135 m
Accuracy co
Length 2 m
Area position
Updated 28th April 2013

An uninspiring dig in the side of the depression that goes through cobbles to a 2 m long void which is too small.
```

Reference: anon., 2008c (Easter logbook); anon.,
Reference: anon., 2008
2013b (Easter logboc
Entrance picture:
Underg
Video
Video:
Line Survey
On area survey :
Survex filf
X
2959: dig
Llueva 30T 454576 4797984 (Datum: ETRS89
MATIENZO UNDERGROUND -site descripitions(printed 19020/20

``` doline.
```

Reference: anon., 2008c (Easter logbook)

```
Entrance picture:
Video :
Detailed Survey :
Detailed Sury
Line Survey :
On area survey
On area sur
Survex file
2960: shaft
Fresnedo 30T 4527734801010 (Datum: ETRS89
Fresnedo 30T 4527734801010
Accuracy code: G) Altitude 211 m
Accuracy code: G) Alti
Length 4 m Depth 4 m
Length 4m D
Area position
A 4 m deep shaft.
Reference: anon., 2008c (Easter logbook)
Entrance picture: yes
Video :
Detailed Survey
Detailed Su
Line Survey
On area survey
Survex file :
,
2961: shaft
Fresnedo 30T 4527294800905 (Datum: ETRS89,
Accuracy code: G) Altitude 250 m
Area position

A shaft with warm air which bells out and has tight passage at the bottom.

Reference: anon., 2008c (Easter logbook)
Entrance picture: yes Entrance picture: yes Underground pictures
Video
Detailed Survey
Detailed Sur
Line Survey
Line Survey
On area sur
Survex file
X
2962: shaf
Fresnedo 30T 4527844800976 (Datum: ETRS89
Accuracy code: G) Altitude 217 m
Length 14 m Depth 11 m
Area position

A shaft leading to a squeeze under a block into a small chamber with possible digs in the corner. A further crawl leads into a larger rift passage with a pot at the bottom that drops 4 m into too tight fissures

Reference: anon., 2008c (Easter logbook); Corrin Reference
Juan, 2009 Entrance picture: yes
```

Undergro

```
Video
Video :
Detailed Survey
Line Survey
Line Survey:
On area survey
On area survey :
Survex file : y yes (Amended magnetic declination
Survex file : yes (Amended magnetic declinati
December 2013 to align with Eur79 grid and
December 2013 to align with Eur79 grid and
coordinates altered to fit ETRS89 datum, April 2014.
\begin{tabular}{l}
\(x\) \\
2963: hole \\
\hline Ozana
\end{tabular}
Ozana

A draughting out hole in the middle of a doline with a tree horizontal across it. (The doline with a tree horizontal across it.
GPS reading is wrong. MB to place on map).

Reference: anon., 2008c (Easter logbook) Entrance pictur
Underground pict
Video :
Detailed Survey
Line Survey :
On area survey
On area su
Survex file

2964: Not Too Bad Pot
Ozana 30T 4552634794458 (Datum: ETRS89. Accuracy code: G) Altitude 495 m
Length 241 m Depth 195 m
Area position
Updated 15th October 2008; 17th May, 21st June 2011; 22nd May, 5th, 16th July 2015; \(4^{\text {th }}\) May 2016

On the ridge between the doline of site 2963 and "the one behind". At Easter 2008 this was an 18 m (Disto) shaft where a stone with a lucky bounce carries on. The site was first explored during the summer.

The entrance is a 19 m shaft which continues downward in a tight rift. This was passed with the removal of a few rocks to passed with the removal of a few rocks to
access a p5 in a rift. At the base is a clean, access a ps in a rift. At the base is a clean,
water washed floor which leads to the head water washed floor which leads to the head
of a 24 m pitch. This opens up into a grand of a 24 m pitch. This opens up into a grand shaft with a further pitch of 4 m followed b
a small ascent and a squeeze down a 3 m a small ascent and a squeeze down a 3 m
chimney. A meander that stops at a further MATIENZO UNDERGROUND site descripioions (printed 19/02/2024) Volume 4 - page 152
pitch head was capped out during Easter 2015. A 12 m pitch requiring a rope protector at the top (or more capping!) is
split \(1 / 3\) the way down by a ledge and a constriction. Another 10 m drop follows in a meander of small but varying width, landins meander of small but varying width, landing here is blind.

At the foot of the next 6 m pitch is a constricted meander to a p8 with a flat topped spike/flake at the bottom, leading to and another p5. The rift then narrowed to a 10 cm slot, where a stone bounces its way down a large shaft beneath for around 10 seconds!!
This was also capped open during Easter 2015. In all 7 pitch heads had to be capped out over 3 trips to pass this point, taking \(100+\) holes and around 400 caps.
The pitch opens out into a grand 58 m shaft, descended by three rebelays. The first rebelay is 20 m down on the left wall, reached by swinging round over a saddle above a poor ledge. The next two rebelays are also around 20 m apart

Landing at the foot of the shaft a p5 drops down a smallish slot which leads to a constricted pitch head onto a p10 with deviation. From here on down the rock consists of a lot of bi-valve fossils, typical of well-developed caves around Matienzo. A p5 well-developed caves around Matienzo. A p In the wall at its base a small hole drops In the wall at its base a small hole drops
down a short uninspiring choked parallel down a short uninspiring choked pand.
shaft.

Down the final 11 m pitch the cave ontinues into a tight meandering passage, with a lump of rock in the floor preventing entry. Removal of this was attempted with a bolting hammer and short 8 mm drill bit to no avail. A couple of round of caps or maybe plugs \& feathers are required. "It appears caveable beyond this point but would be a tight sideways wriggle."
When it gets wet, it seems that this point is where all of the water flows.
A slight draft was evident all of the way down the cave at Easter 2015. )

At Easter 2016, the campaign to widen the wriggle continued. The cave was found not to draught on a cold day and the last two pitches were wet. The end was snappered over two trips and water reached and a corner which was enlarged to allow a view around it: the route continued for view around it: the route continued for
about 2 m but too tight. It is thought that about 2 m but too tight. It is thought that
"another big digging operation would make "another big digging operation would mak
it yield". A good draught in the summer it yield". A good draught in the summer
might persuade a return. At the final corner might persuade a return. At the final corner,
a lucky toss of a stone drops into a pool with a lucky toss of a stone drops into a pool wit
an echo. The site was derigged after Easter 2016. Reference: anon., 2008c (Easter logbook); anon., 2008e (summer logbook); Corrin Juan, 2009;
2011b (Easter logbook); anon., 2011c (Whit 2011b (Easter logbook); anon., 2011c (Whit
logbook); anon., 2015b (Easter logbook); anon., 2016b (Easter logbook) Underground pictures : 2008:2011:2015 Underground pictures :
(Easter) : 2016 (Easter) Video: Easter 2015 - Capping 1 : Capping 2 : Capping 3 : Longer video of the 4 days capping and
pushing (all on YouTube) : Easter 2016 (YouTube) pushing (all on YouTube) : Easter 2016 (YouTube)
Detailed Survey : \(1: 100\) plan and \(1: 500\) projected Detaion (old) : Easter 2015 survey
section Line Survey On area survey Survex file : yes (Easter 2015) (Amended magnetic declination December 2013 to align with Eur79 grid
and coordinates altered to fit ETRS89 datum, April and coc 2014

X

\section*{2965: shaft} Ozana

An 8.6 m deep rift. (GPS is worng. MB to place on map.)

Reference: anon., 2008c (Easter logbook) Entrance picture Underground pictures Video: Detailed Survey Line Survey Survex file :

2966: shaft
Mullir 30T 4560344794974 (Datum: ETRS89 Accuracy code: G) Altitude 540m Area position

A short, unexplored shaft.
Reference: anon., 2008c (Easter logbook)
Reference: anon., 2008
Entrance picture: yes
Underground pictures

\section*{Video:} Detailed Surv
Line Survey : Line Survey :
On area surve Survex file :
 with several trees in the
continue down the slope

Reference: anon., 2008c (Easter logbook) Entrance picture

\section*{2968: shaf}

Mullir 30T 456034 4794871 (Datum: ETRS89. Accuracy code: G) Altitude 548m Depth 10 m Area positio

An unexplored 10 m deep shaft.
Reference: anon., 2008c (Easter logbook) Entrance picture: ye Underground pictures
Video :
Detailed Survey
Detailed Sury
Line Survey
On area sur
Survex file

\section*{2969: shaf}

Mullir 30T 4557144794905 (Datum: ETRS89 Accuracy code: G) Altitude 590 m
Length 5 m Depth 5 m
Area positio
Updated 15th October 2008; 30th October 2010

A \(2 \times 1 \mathrm{~m}\) shaft top in a rock amphitheatre The site is 5 m deep to a boulder choke Visitors in 2010 found the site covered in brambles and thought it "maybe 2 m deep"
Reference: anon., 2008c (Easter logbook); anon. 2008e (summer logbook); anon., 2010c (summer logbook)
Entrance picture: yes
Underground pictures

A hole at the base of a 1 m quarried scar at the side of a cow track. The rift continues and stones drop for 3 seconds. (Not in our permission area.)

Reference: anon., 2008c (Easter logbook) Entrance picture
```

Underground picture

```
Video
Detailed Survey
Line Survey
On area survey
2972: shaft

A low half tube that slopes down at least 3 m to a small flat floor. There are signs of it being an animal lair both inside and at the entrance. This may be site 1384?

Reference: anon., 2008c (Easter logbook); anon., Reference: anon., 2008c (Easter
2022a (January, February logbook) Entrance pictures: 2008, 2022 Underground pictures : 2022 Video:
Detailed Survey
Detailed Sur
Line Survey
Line Survey:
On area sury
Survex file :
x
2974: Number 1 entrance
(Hoyuca)
Riaño 30T 4516794799778 (Datum: ETRS89 Accuracy code: G) Altitude 174 m

\section*{Area position}

Updated 1st July 2018
The original entrance to Cueva de La Hoyuca.
Reference: anon., 2008c (Easter logbook)

Entrance pictures:
Underground pictures Video:
Detailed Survey Detailed Survey On area surve
Passage direction rose diagram: Four Valleys System
x

\section*{2975: cave}

EI Naso 30T 451840 4796627 (Datum: ETRS89. Accuracy code: G) Altitude 369m Length 8 m
Area position

Updated 7th November 2009
A walk-down entrance slope to a medium size fossil chamber. Close to site 150 and probably one of the other entrances mentioned in that description. Another GPS reading is 30T 4519374796836.

Reference: anon., 2008c (Easter logbook); anon., Reference: anon., 2008
2009c (summer logbook) Entrance pictures: yes
Underground pictures : yes
Video:
Video:
Detailed Survey
Line Survey
On area surve
Survex file :
Survex file
X

2976: shaft
Fresnedo 30T 4523584801064 (Datum: ETRS89. Accuracy code: A) Altitude 278m Length 14 m Depth 14 m Area position

Updated 10th May, 15th October 2008
One of the two shafts (the other is 2977) above site 2414 . This a stream sink shaft which becomes too tight at -14 m .

Reference: anon., 2008c (Easter logbook); pe comm
```

Entrance pictures: yes
Underground picture : y

```
Video:
Detailed Survey
Line Survey
Line Survey
On area survey :
On area sur
X
2977: shaft
2977: Shaft
Fresnedo 30T 4523624801056 (D
Accuracy code: A) Altitude 280 m
Length 18 m Depth 18 m
Area position
Updated 10th May, 15th October 2008
One of the two shafts (the other is 2976)
above site 2414 . This site chokes at -18 m
Reference: anon., 2008c (Easter logbook); pers
comm
Entrance pictures:
Underground pictures : yes
Video:
Detailed Survey
Line Survey
On area surve
Survex file :
x

2978: Ostrich Farm entrance Riaño 30T 4511734799728 (Datum: ETRS89. Accuracy code
Area position

The Ostrich Farm entrance to site 0207. A
The Ostrich Farm entrance to site 0207 . A
dig is required before an entrance or exit dig is required before an entrance or exit can be made. (In April 2000, a team looked
out of this hole and saw ostriches nearby.)
```

$$
\begin{array} { l } { \text { Reference: anon., 2} } \\ { \text { Entrance pictures:} } \end{array}
$$

```
Entrance pictures:
Underground pictures
Underground pictu
Video :
Detailed Survey
Line Survey
Survex file
2979: sink
Secadura 30 T 4563574801840 (Datum: ETRS89.
Accuracy code: G) Altitude 338m
Area position
Area position

A choked stream sink between 2 trees at the down stream end of a gully. The water supply for the farm is taken off further upstream and between here and the road is a cultivated allotment adjacent to farmhouse.

Reference: anon., 2008d (Whit logbook) Reference: anon.,
Entrance pictures:
```

Underground picture

```
Video :
Video :
Detailed Survey
Detailed Su
Line Survey
On area survey
Survex file

2980: cave
Barrio La Mina 30T 4458474799938 (Datum: Barrio La Mina \(30 T 4458474799938\) (Datu
ETRS89. Accuracy code: G) Altitude 246 m Length 17 m Depth 8 m Area position

The GPS location is taken at the entry point into the thicket leading to the entrance. A sloping cave opens onto a 5 m shaft into a sloping cave opens onto a 5 m shaft into a
choked rift with lots of cow bones. There is choked rift with lots of cow bones
no draught on a draughting day!

Reference: anon., 2008d (Whit logbook) Entrance pictures: yes Video: Video :
Detaile
Line Survey
On area survey
Survex file : yes (Amended magnetic declination
December 2013 to align with Eur79 grid and December 2013 to align with Eur79 grid and
coordinates altered to fit ETRS89 datum, April 2014.)

2981: dig
Barrio La Mina 30T 4460984799474 (Datum: ETRS89. Accuracy code: G) Altitude 214 m Area positior

Updated 15th October 2008
Beware of Fresian bull with attidude in adjacent field! The entrance is now walled up and covered with wood from a pallet. The site was first seen as a small draughting hole choked by earth under one of 2 oak trees by a fence. The draughting entrance has been excavated but the way on is too narrow. Floor could dig out but would need to be started back close to entrance.
Underground, at the western end of the rift feature, there are a large number of bottles and rubbish which have entered from a now obscured surface depression. The eastern end is where the draught emerges.

Reference: anon., 2008d (Whit logbook); anon., Reference: anon., 2008
2008e (summer logbook) Entrance pictures: yes Underground pictures : y Video :
Detailed Survey Line Survey : On area surv
Survex file

2982: shaf Barrio La Mina 30T 4458904800077 (Datum: ETRS89. Accuracy code: G) Altitude 239m Length 2 m Depth 2 m Area position

Accuracy code: G) Altitude 234 m
Area position

\title{
Reference: anon., 2008d (Whit logbook) \\ Reference: anon., 2008 \\ Entrance pictures: yes
}

\section*{Video :} Detailed Sur
Line Survey Line Survey On area surve Survex file
x
2984: dig
Cobadal 30T 4475364798956 (Datum: ETRS89 Cobadal 30T 4475364798956 (Da
Accuracy code: G) Altitude 234 m Accuracy code
Area position

Updated 25th October 2016
A possible dig approximately 3 m below an outcrop. Looking up the hill, this site is 4 m to right of site 2983. In the summer, 2016 cleared woodland 300 m to west was inspected but nothing of speleological interest was found.

Reference: anon., 2008d (Whit logbook); anon., Reference: anon., 2008 c
2016c (summer logbook)
Entrance pictures: yes
Underground pictures :
Video:
Detailed Survey
Line Survey
Survex file :
x
2985: dig
Cobadal 30T 4475474798949 (Datum: ETRS89 Accuracy code: G) Altitude 231 m Length 2 m Depth 2 m Area position

A dig, approximately 2 m deep, at the end of a bulldozed track.

Reference: anon., 2008d (Whit logbook) Entrance pictures: yes
Underground pictures Underground pictures Video:
```

Detailed Sur

```
Line Survey



X
2986: dig
Cobadal 30T 447563 4798937 (Datum: ETRS89 Accuracy code: G) Altitude 228m Length 4 m Depth 4 m Area position

Updated 26th June 2010
A 4m deep, draughtless dig against bedrock About 3m left and 3m above is site 2987.

Reference: anon., 2008d (Whit logbook) Entrance pictures: yes
Underground pictures Underg
```

Detailed Sury

```
Line Survey:
\[
\begin{aligned}
& \text { On area surve) } \\
& \text { Survex file }
\end{aligned}
\]
Survex file :

X
2987: cave
Cobadal 30T 4475614798928 (Datum: ETRS89 Cobadal 30T 4475614798928 (Da
Accuracy code: G) Altitude 229 m Accuracy code
Area position

Facing the hillside, 3 m left and 3 m above site 2986, a small cave runs off under a sandstone bed.

Reference: anon., 2008d (Whit logbook) Entrance pictures: yes Underground pictures Video: Detailed Survey Line Survey
On area surv Survex file :

X
2988: Dos Perros
Camposdelante 30T 4467944799020 (Datum: Camposdelante 30 T
ETRS89. Accuracy code: G) Altitude 205 m Length 30 m Depth 12 m Area position

Updated 15th October 2008; 27th September 2012; 22nd May 2017

The entrance is in a cleared depression behind a barn and is probably a cold store. In June 2008 the situation was the draughting dig had been enlarged to the top of a 12 m pitch. Unfortunately, the top of pitch was a collection of large loose blocks "supported" by several larger blocks which had little visible support. It was felt a safe descent was not possible yet from the point

MATIENZO UNDERGROUND - site descriptions (printed \(\begin{array}{r}19002 / 2024 \\ \text { Volume } 4-\text { page 15 }\end{array}\) suicidal. ignored or didn't realise the "risk baggage" and passed over the top and down the far side. At the base, a small streamway on sandstone is met. At a T -junction downstream goes 3 m to a sump while downstream goes 3 m to a sump while upstream chokes. In August 2012, in a very dry summer, both up and downstream areas were looked at again with "inconclusive" results.
At Easter 2017, the downstream sump was checked and, although the passage continues, it is far too narrow. The length and depth above are an educated guess.

Link to entry in the Cave Diving Sump Index.

Reference: anon., 2008d (Whit logbook); anon., 2008e (summer logbook); anon., 2012d (summer logbook); anon., 2017b (Easter logbook)

Detailed Surve
Line Survey:

\section*{Area position}

A small fenced shaft drops into a parallel shaft where daylight enters between surface boulders. The 4 m deep shaft is blocked by boulders and quite narrow. The site is located a few metres from site 2990.

Reference: anon., 2008d (Whit logbook) Entrance pictures: yes Underground pictures Video: Detailed Survey Line Survey On area sur :
Survex file :
x
2994: cave
Las Calzadillas 30T 4474034796934 (Datum: ETRS89. Accuracy code: G) Altitude 304 m Length 3m Area position

Updated 19th September 2019
A short, choked fossil passage by the side of the road. This has been dug to an overtight, descending rift and has been written off.

Reference: anon., 2008d (Whit
Reference: anon., 2008d (Whit
logbook)<I>Updated 19th September 2019</I> Entrance pictures: yes Underground pictures Video:
Detailed Survey Line Survey Survex file :

X
2995: cave
2995. Cave Las Calzadillas 30 T 4474384797132 (Dat
ETRS89. Accuracy code: G) Altitude 273 m Length 18 m Depth 10 m Area position

Updated 16th October 2008; 19th September 2019; 8th January 2020

The entrance is below the road in a mass of thorn bushes with a tree. The site
draughts well. A rift goes to \(T\) junction after a couple of metres. The left route rises and almost certainly going to a surface feature almost certainly going to a surface feat
(see below). The right passage can be (see below). The right passage can be
followed down over boulders in a narrowing followed down over boulders in a narrowing rift becoming about 10 cm wide and droppin
another 4 m . The draught is not felt at this another 4 m . The draught is not felt at this point.
Back towards the entrance there are small holes under boulders in the rift.

Facing uphill there is a possible cave entrance to the left which may just be a large boulder covering a rift.
Further digging was carried out in the entrance rift in the summer 2019, but it became too tight.

Site 5004 is 5 m to the north. Reference: anon., 2008d (Whit logbook); anon.,
2008e (summer logbook); anon., 2019d (summer logbook); anon., 2019e (autumn' logbook) Entrance pictures: yes Entrance pictures: yes
Underground pictures Video:
Detailed Survey Line Survey On area surve
Survex file :

X
2996: cave
Las Calzadillas 30T 4474144797271 (Datum ETRS89. Accuracy code: A) Altitude 265 m Length 3 m

\section*{Area position}

Updated 29th April 2012
The entrance is below the road almost opposite site 1815. A low cave entrance has been walled up and need digging to progress. Both this and site 1815 were draughting out in reasonably warm weather.

The site was excavated at Easter 2012 but more work is required.

Reference: anon., 2008d (Whit logbook); anon. 2012b (Easter logbook) Entrance pictures: yes Underground pictures : yes Video :
Detailed Surve
On area surv
Survex file

\section*{2997: caves (2)}

Length 55 m Depth 21 m
Area position
```

Updated 16th October 2008; 7th November

``` 2009; 28th April 2013

This shaft started off as a fist-sized, draughting hole and was excavated to a 5 m climb down with the draught coming out of a hole to the south east. (This was las hole to the south east. (This was
In the opposite direction, the passage slopes In the opposite direction, the passage slopes
down into a decorated chamber then levels down into a decorated chamber then levels
out to the head of a 7 m pitch. At the base a out to the head of a 7 m pitch. At the base steep calcite slope drops to a pool and calcited end.

\section*{Reference: anon., 2008d (Whit logbook); anon.,} Reference: anon., 2008d
2008e (summer logbook)
Entrance pictures: yes
Underground pictures : yes
Video :
Detailed Survey : pdf file
Line Survey
On area survey :
Survex file : yes (Amended magnetic declination December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014.)

X
3002: shaft
N Vega 30T 4496784796206 (Datum: ETRS89. Accuracy code: G) Altitude 319 m Depth 3m
Area position

A 2-3m deep, undescended hole under a limestone slab.

Reference: anon., 2008d (Whit logbook) Entrance pictures: yes
```

Underground pictures

``` Video : Line Survey: On area surve Survex file
x
3003: shaft
La Secada 30T 4533274797947 (Datum: ETRS89. Accuracy code: G) Altitude 350 m Length 15 m Depth 3 m Area position
The entrance is under a small outcrop close to the supposed position of site 0512. A 3 m slope leads to a 3 m vertical (laddered) drop into a circular chamber ( \(5 \times 4 \times 2 \mathrm{~m}\) high) with lots of flowstone but no way out.

Reference: anon., 2008e (summer logbook); Corrin Juan, 2009
Entrance pictures: yes
Underground pictures: yes
Video: Video:
Detailed Survey : sketch Line Survey Survex file :
x
3004: Aldi, Torca
La Secada 30 T 4533124797966 (Datum: ETRS89. Accuracy code: G) Altitude 342 m Length 64 m Depth 13 m Area position

Updated 25th October 2016
The excavated entrance is below the track and opposite a green bath. The 13 m entrance shaft opens up into a fine, decorated chamber, 15 to 20 m across with a ridge across the centre. One side goes down to a pool approximately \(5 \times 4 \mathrm{~m}\) and very deep when there has been recent wet weather. It was thought to be a possible weather. It was thought to be a possible
dive but when the hole was re-explored and dive but when the hole was re-explored and
surveyed in the summer, 2016, the pool was surveyed in the summer, 2016, the pool was
\(1 \times 1 \mathrm{~m}\) and not deep. The entrance was also \(1 \times 1 \mathrm{~m}\) and not deep.
enlarged at that time.

Link to entry in the Cave Diving Sump Index.
Reference: anon., 2008e (summer logbook); Corrin
Juan, 2009; anon., 2016c (summer logbook) Reference: anon., 2008e (summer logbook);
Juan, 2009; anon., 2016c (summer logbook) Entrance pictures: 2008:2016 Underground pictures : 2008:2016 Video : entrance (YouTube) Line Survey :
On area survey
Survex file : yes
x
3005: cave
San Antonio 30T 4465104801233 (Datum: ETRS89. Accuracy code: G) Altitude 146 m
Area position Area position

A dig in a field across the road from the farmhouse. The farmer keeps the draughting hole covered.

Reference: anon., 2008e (summer logbook) Entrance: anon., 2008 Underground pictures
Video : Video :
MATIENZO UNDERGROUND - site descriptions (printed 19002/2024

\section*{Detaile s s suru}

\section*{Reference: anon., 2008e (summer logbook)} Entrance pictures: yes Underground pictures : yes
Video:
Detailed Survey
Line Survey
On area sur
Survex file

\section*{3007: shaf}

San Antonio 30T 4466574801399 (Datum: ETRS89. Accuracy code: G) Altitude 114 m Length 5 m Depth 5 m Area position
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Updated 22nd January }201

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A short drop onto a block with a tight, 3 m drop which apparently chokes. An alternative position is ETRS89: 30T 0446643 4801395 Altitude 115m. of the road. Any sink on the other side of the road has not been seen

The cave was first entered at Easter 2010 then, in ignorance, in the summer.

A tight crawl goes for 10 m to where a flowstone constriction was removed. This is followed by a flat out squeeze in water into a low, 3 m diameter chamber where it is just possible to sit upright. After a squeeze over blocks, the passage continues in the same manner as the entrance, but rather more aqueous. After approx 10 m there is a widening sufficient to allow turning round, before narrowing again, at which point the way on is prevented by a long fin of rock running vertically down the centre of the passage, making further progress impossible at present (except for Mandy Foo perhaps?). The passage appears to contine for a further The passage appears to contil
\(10 \mathrm{~m}+\) and out of line of sight
\(10 \mathrm{~m}+\) and out of line of sight
On a warm Easter day there was a very
strong outward draught with water flowing
out throuhout length of visible passage
Passage is at approx 90 degrees to the road is running south into the hillside
seemingly straight towards site 3118 (Alum Pot).
Beware of rotten wooden lid by the entrance and rusty nails sticking out of where it used MATIENZO UNDERGROUND site descripioions (printed 19/02/2024) Volume 4 - page 162
to be secured - easy to kneel on these although most of them have been bent over

In the summer, the cave was explored "through flatout to a cross rift", with the length about 25 m and continuing.

Reference: anon., 2008e (summer logbook); anon. 2010c (summer logbook) Entrance pictures: yes
Underground pictures: yes Video : Detailed Surve On area surve Survex file :

A steep-sided valley broadens out and the mall stream sinks against the side of the hill. A couple of small holes at sinks level have been investigated but water appears to filter away in the cave floor. There are rifts in the jungle above that need investigation. In April 2017, the site was found to be very overgrown. Six months later, the stream above was investigated. It splits into several discrete feeders, one of which ends at the small resurgence, site 4605 .

In October 2017, an inconclusive water trace was carried out along with some collection of water chemistry data. On 27th February, 2018 optical orightening agent was injected into this site brightening agent was injected into this s
and detected at site 3282 on 1st March.

The site was visited in October 2018 when The site was visited in October 2018 when water conditions were low. It was possible
to enter the sink and exit 5 m away in the to enter the sink and exit 5 m away in the
same scar. The next cave along has a visua same scar. The next cave along has a vist
connection with a fourth cave. All these connection with a fourth cave. All these
caves are choked with farm and domestic caves are choked with farm and domestic
rubbish and have a total length of about 25m Reference: anon., 2008e (summer logbook); anon
2017 b (Easter logbook); anon., 2017 d (autumn logbook); anon., 2018d (autumn logbook) Entrance pictures: summer 2008 : testing and
tracing the sink, October 2017 tracing the sink, October 2017 nderground pictures
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Video

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Detailed Surve
On area surve
Survex file :
x
3011: shaft
San Antonio 30T 4467664801288 (Datum: ETRS89. Accuracy code: G) Altitude 108 m Length 33 m Depth 17 m

\section*{Area position}

Updated 27th September 2012; 6th October 2013; 21st May 2023

A 3.3 m pitch drops into a 4 m rift which chokes to the northeast. The way on is through an excavated chicane into larger passage. At the end a 12 m circular pitch drops into a tight rift with a strong draught and good echo. This will require a lot of work to enlarge. In 2012, some digging occurred in the boulder choke
In August 2013, a dead cow was blocking the entrance. By April 2023, the cow had disappeared to be replaced by a blockage of timber, a large tree trunk and tyres.

Reference: anon., 2008e (summer logbook); Corrin Juan, 2009; anon., 2012d (summer logbook); Corri anon., 2023b (Easter logbook) Entrance pictures: yes
Underground pictures : yes
Video:
Detailed Survey : pdf file
Line Survey
Survex file : yes (Amended magnetic declination Survex file : yes (Amended magnetic declinatic
December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014
\(x\)
3012: CTB, Cueva San Antonio 30T 4467394801238 (Datum:
ETRS89. Accuracy code: G) Altitude 107m Length 40m

Updated 7th November 2009; 6th October 2013; 6th January 2018; 7th January, 20th May 2023

There are three entrances close together in a rock outcrop around the side of a depression. The left hand two choke almost immediately but the third starts as a low crawl changing quickly to hand-and-knees MATIENZO UNDERGROUND - site descriptions (printed 19002/2024 \(\begin{aligned} & \text { Volume 4-page } 163\end{aligned}\)
and then walking in a \(1 \times 2 \mathrm{~m}\) passage. The
cave ends in a chamber. cave ends in a chamber. In the summer, 2009, the terminal dig was excavated for 2.75 m to enter a 12 m west, a 4 m climb up enters 8 m of inlet passage.The main passage drops down to the east to a blocked sink. Both ends of the la level are blocked with boulders. Total lat s about 20 m , but it Th't been surveyed.
The area was described as having "more lurry" in August 2013.

In October 2022, five capping and clearing trips made progress to and beyond a left hand corner to a T-junction where the tight section was passed into a rift. Maximum width 600 mm , height about 3.5 m for a length of 3 m to the left and 2 m to the right.) At these points the roof drops to less than a metre high and passage narrows to on-your-side crawling. The draught comes from the left and, some 2 m into the narrow section, looks like a diggable continuation to the right. The draught is intermittent, at times stopping and then returning strongly.

Further digging took place on two days in April 2023 when digging at the end
continued small: "an on-the-back forcinc move allowed a view round a bend - another low arch round the corner followed by a mini aven and then, after a couple of metres, more lowness. It needs someone small to dig or a fair bit of capping." - Phil Parker

Reference: anon., 2008e (summer logbook); Corrin
Juan, 2009; anon., 2009c (summer logbook); Juan, 2009; anon., 2009c (summer logbook); anon., 2013d (summer logbook); anon., 2022e (Christmas Entrance pictures:
 Underg
Video. 2009 Detail
2009 extensior
Line Survey:
On area survey
Survex file : yes (Amended magnetic declination December 2013 to align with Eur79 grid and
coordinates altered to fit

3013: cave
San Antonio 30T 4471054800967 (Datum: ETRS89. Accuracy code: G) Altitude 121m Length 2 m

The GPS is on the down valley edge of the depression. A slot in a big, deep depression with a slight outward draught. A block was removed but the way on was too tight

3014: cave out of the entrance
A couple more trips extended the hole to a reported 100 m length and 30 m depth. The site is complex and needs surveying.

A visit in December 2018, "in our regular clothes" logged: A small pit in the floor of the entrance chamber appears to draught and appears to have had digging efforts in this area. The stal area previousl
photographed has already been broken through and appears to continue. Echo still apparent, but doesnâ \(\epsilon^{\text {TM } t ~ g o ~ a n y w h e r e . ~}\) Sound just reverberates in around you

Over 4 trips in October 2022, some tigh sections were enlarged and the cave reinvestigated. Marks from previous explorers were seen but no new passage was entered. Noted were
1: At the junction below the 4 m pitch a short, steep, body-sized slope of shifting cob was investigated with the hole a the base draughting. This could be dug out and / or capped.
MATIENZO UNDERGROUND site descripioions (printed 19/02/2024) Volume 4 - page 164

2: Under left wall is access to a hands and
knees crawl not investiaated "on threat of being entombed". This lead had not been entered by the previous explorers. [2022 account from Alf Latham]

Reference: anon., 2008 e (summer logbook); Corrin Reference: anon., 2008e (summer logbook)
Juan, 2009; anon., anon., 2018e (Christmas logbook); anon., 2022d (autumn logbook); anon., 2022e (Christmas logbook) Entrance pictures: summer 2008 : December 2018 Underground pictures: summer 2008 : December 2018
Video : Detailed Survey : sketch before extension Line Survey : On area surve Survex file :
x

3015: cave
San Antonio 30T 4468084801310 (Datum ETRS89. Accuracy code: G) Altitude 105 m Length 6m Area position

Updated 1st December 2011
The entrance is under a wide undercut and leads into a 6 m diameter chamber. A dig in a shakehole in front of the entrance was carried out between boulders in November 2011, reaching a depth of about 3 m , but the project needs lots of work to continue further.

Reference: anon., 2008e (summer logbook); anon. Reference: anon., 2008e
2011e (autumn logbook)
Entrance pictures: yes Entrance pictures: yes
Underground pictures : yes Video:
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Detailed Surve

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Line Survey :
On area survey
Survex file.
X
3016: shaft
3016: Shaft
Riaño 30T 4509854799710 (Datum: ETRS89
Riaño 30T 4509854799710 (Datum
Accuracy code: A) Altitude 192m
Length 5 m Depth 5 m
Area position
A choked narrow pot which was the scene of a calf rescue in July 2008

Reference: anon., 2008e (summer logbook) Entrance pictures: yes
Underground pictures : Video :
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Detailed s

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Line Survey : On area surve Survex file :
X

3017: dig San Antonio 30T 4473174801395 (Datum: ETRS89. Accuracy code: G) Altitude 110 m Length 2 m D
Area position

A 2 m deep diggable hole next to a tape and wire fence. There is no draught.
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Reference: anon., 2008e (summer logbook)
Entrance pictures:
Underground pictur
Video:
Dine Survey :
On area survey :
Survex file
x
3018: shaft
Fresnedo 30T 453923 4801842 (Datum: ETRS89.
Mccuracy code: G) Altitude 152m
Area position
Updated 6th October 2013

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This narrow shaft is found in the top corner of the wood near Slaves' Cave and Freedom Pot. It was explored in 2013 down a very tight shaft into a chamber. A drop enters a 20 m long, decorated passage that finishes in a tight rift.

Reference: anon., 2008e (summer logbook); anon., Reference: anon., 2008
2013d (summer logbook) Entrance pictures: yes Untrance pictures: yes
Underground pictures: yes
Video : Video: Detailed Survey : Line Survey On area surve
Survex file :

X
3019: hole
Fresnedo 30T 453921 4801852 (Datum: ETRS89. Accuracy code: G) Altitude 149 m Length 2 m
Area position
Updated 6th October 2013

\section*{2013. The passage goes in 2 m to a possible, non-draughting dig} non
Reference: anon., 2008e (summer logbook); anon., Reference: anon., 20086
2013d (summer logbook) Entrance pictures:
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Underground picture

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Video :
Video:
Detailed Survey
Line Survey :
On area survey
On area sur
Survex file
3020: dig
\(\frac{3020: \text { dig }}{\text { Fresnedo } 3074536374801791 \text { (Datum: ETRS89. }}\)
Fresneco 30045633
Accuracy code: G) Altitude 117 m
Acuracy code
A good, draughting dig which requires
permission.

Reference: anon., 2008e (summer logbook) Entrance pictures: yes
Video :
Detailed Survey
Line Survey
On area survey
On area sur
Survex file :
3021: Michelin, Torca de
Camposdelante 30T 4462054798367 (Datum
ETRS89. Accuracy code: G) Altitude 120 m
Length 10 m Depth 6 m
Area position

Updated 15th October, 1st December 2011; 12th November 2022; 7th January 2023

The site is in a depression with trees. The draughting entrance is a dig in tyres and mud against bedrock. Digging in the floor reached a depth of approx 6 m but the main draught is from the uphill side (closest to site 3022). To get along here will probably require a couple of days work. More tyres are visible in the fill. The entrance has been covered with tyres. Note there is a milking herd in this field so the dig needs to be left stockproof.
In November 2011 the crawl was excavated to a tight left hand bend to a small boulder-filled chamber which requires major capping work. There was a good major capping work. There was a good In Oct
In October 2022, work was not continued as the farmer could not be contacted for digging permission. Nothing was found in the adjacent woods nor on a walk along the streambed to the Duck Pond Sink.

Dowsing was carried out in the vacinity of site 3021 in July 2011 and reactions indicate that they may be passage underneath, possibly associated with Fuente Aguanaz See links below.

Reference: anon., 2008e (summer logbook); anon. 2011e (autumn logbook); anon., 2022d (autum logbook); anon., 2022e (Christmas logbook) Entrance pictures: yes Underground pictures : yes

\section*{3022: hole}

Camposdelante 30 T 4462814798300 (Datum ETRS89. Accuracy code: G) Altitude 148 m Area position
A hole in a shakehole below the road, filled with farmer's bags and with no draught.

Reference: anon., 2008e (summer logbook) Entrance pictures: yes
Underground pictures Underground pictures Video : Detailed Survey Line Survey
On area sur On area sur
Survex file

X
3023: dig
Camposdelante 30T 4473664797681 (Datum ETRS89. Accuracy code: G) Altitude 218 m Area position

A small draughting dig over debris. This hole would really need permission to excavate.

Reference: anon., 2008e (summer logbook Entrance picture: yes
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Underground pictures

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Video:
Detailed Sur
Line Survey
On area survey
Survex file

3024: cave Moncobe 300 4454714798249 (Datum: ETRS89 Accuracy code: G) Altitude 129 m Area position

Updated 19th September 2019; 4th November 2021; 19th May 2022

These multiple entrances are in the middle of the west side of the depression. [More ail to come from Chris Camm]
The site could not be found after 2 hours of jungle-bashing in the summer 2019 nor in the autumn 2021, although an entrance was found, partially filled with material washed in by flooding
AT Easter 2022, the area behind this lost site was investigated and 3 adjacent draughting holes were found. See site 5190

Reference: anon., 2008e (summer logbook); Corrin Juan, 2009; anon., 2019d (summer logbook); anon
2021d (autumn logbook); anon., 2022b (Easter ogbook)
Entrance picture: yes Underground pictures Video :
Detailed Survey
Line Survey :
On area survey :
Survex file : yes (Amended magnetic declination December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014.) X
3025: diq
Seldesuto 30T 4490654794208 (Datum: ETRS89. Accuracy code: G) Altitude 440 m
Accuracy code
Area position
A small draughting hole in a hollow by a tree and track.

Reference: anon., 2008e (summer logbook) Entrance picture: yes Underground pictures Video: Detailed Surve On area survey : Survex file :
x
3026: diq
Riaño 30T 450986 4801346 (Datum: ETRS89. Accuracy code: G) Altitude 157 m Area position

Updated 6th October 2013; April 2023
The entrance to this excavated site lies below a cabaña in a field, at the top of a shallow gully feature. The strongly draughting entrance originally closed in to a dig over fill with a strong draught. Two points in the entrance were dug, one of which broke through under a sandstone bed into a reasonably sized chamber, with the draught coming out of floor at several points.

A likely-looking draughting slot in the floor was attacked and, after digging through a was attacked and, it was decided to take out a large shale bed, it was decided to take out a large
boulder. This allowed a view down of 2-3 boulder. This allowed a view down of 2 .
through a small gap in boulders. Whilst through a small gap in boulders. Wh trying to remove some of these an overzealous prod resulted in a bit of a ollapse. The hole is now calming down. This area draughts out strongly. (No length iven).
A further visit in 2013 confirmed it is a major project.
A look around the area in April 2023 found nothing new.

Reference: anon., 2008e (summer logbook); anon 2013d (summer logbook); anon., 2023b (Easter obook) Entrance picture: yes
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Underg

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Video

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Detailed Surv

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Detailed Surv

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On area surv
Survex file
x

3027: cave
San Antonio 30T 4457514801847 (Datum ETRS89. Accuracy code: G) Altitude 79n Length 12 m
Area position

Updated 9th May 2009; 30th Novembe 2016; 22nd May 2017

Two entrances on the east side of a large depression, on the side opposite the barn. The first, lower site is choked after 2 m with no draught. The second hole has been used by an animal, draughts well and has a boulder and mud floor that was dug for about \(2-3 \mathrm{~m}\) to a point where passage splits The site was revisited in 2016 when the entrance crawl was dug out. More digging is required. The site description (at October required.
2016 ) is:
A 3.5 m crawl reaches a junction.Â The right
hand branch (too narrow without digging out
more floor) goes 1 m to a T -junction. The left more floor) goes 1 m to a T -junction. Th
hand branch is a 1.5 m low crawl which needs more floor removing. The passage is seen to continue for at least another 2 m , to where the roof lifts.
At Easter 2017, the crawl was extended to a junction where the right branch closed a junction where the right branch closed
down after 3 m and the left was pushed for down after 3 m and the left was pushed for
5 m but it became too tight, although with a 5 m but it beca
good draught

Reference: anon., 2008e (summer logbook); anon.,
2009a (Easter logbook); anon., 2016d (autumn logbook); anon., 2017b (Easter logbook) Entrance picture: yes
Underground pictures Undergr
Video :
Detailed Survey Line Survey On area surv
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Survex file

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\section*{Area position}

A collapse feature in the base of shakehole.

Reference: anon., 2008e (summer logbook) Entrance picture: yes Underground pictures
Video:
Detailed Survey
Line Survey: Line Surve Survex file

\section*{3029: cave}

Moncobe 30T 4454544798174 (Datum: ETRS89. Accuracy code: G) Altitude 135 m Length 17 m Area positio

Updated 6th October 2013; 25th Octobe 2016

A short cave with a good draught. A 3.5 m crawl into the bottom lefthand corner of a chamber with floor dimensions of \(8 \times 6 \mathrm{~m}\). The chamber is quite low and slopes upwards. To the right, along the bottom wall, an antechamber is entered with signs of animal activity and ending at a narrow, gently draughting continuation, which is a possible dig.
At the top left corner of the main chamber, a way off to the left leads horizontally to a 45 deg slope downwards, 3 m forward to and down. Round the corner is a small chamber and a diggable hole in the floor with a
and a diggable hole in the floor with a
draught. This has been excavated requiring
\[
\text { more work. This was visited in April } 2019
\]
when the "drop at the end" was enlarged to
\[
\begin{aligned}
& \text { reveal small passage. However, it is "too } \\
& \text { much work to continue". }
\end{aligned}
\]
It was suggested \((27 / 7 / 16)\) that the whole area needs another look to clear up previous errors.

Reference: anon., 2008e (summer logbook); anon. 2013d (summer log Entrance picture: yes Underground pictures Video : Line Survey
On area survey
On area sur
Survex file

3030: dig (Ants In My Pants Moncobe 30T 4454544798174 (Datum: ETRS89
Accuracy code: G) Altitude 140 m Accuracy code: G) Altitude 140 m Length 4m

Updated 25th October 2016
This is on the ledge above the base of the shakehole containing sites 3028 and 3029 . There is a slight draught.
A description from 27/7/2016 states that the hole has a low entry into a 1 m deep tightish rift between 15 cm and 40 cm wide,

Updated 25th October 2016
This and site 3030 are on the ledge above the base of the shakehole containing sites the base of the shakehole continht draught.
3028 and 3029 . There is a slight A description from 27/7/2017 has a slight A draught from a stone-floored, low crawl 2 m draught from a stone-floored, low crawl 1 m . long by 1 m wide and maximum 0.7 m high. A hand-sized rift at the back on the left is
the source of the draught. The floor at the the source of the draught. inspiring.
rear may dig but it is not

It was suggested \((27 / 7 / 16)\) that the whole area needs another look to clear up previous errors.

Reference: anon., 2008e (summer logbook); anon. 2016c (summer logbook) itrance picture: yes Underground pictures Video :
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Detailed Survey

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Detailed Sur
Line Survey
Line Survey :
On area surv
Survex file :
x
3032: dig
Moncobe 30T 4454614798113 (Datum: ETRS89, Accuracy code: G) Altitude 140 m
rea position
Updated 25th October 2016
A climb / slide down of 2 m drops in under a large boulder into a tiny space with the draught coming from the north side infill. Not a good prospect.

Reference: anon., 2008e (summer logbook); anon., 016c (summer logbook) Entrance picture: yes Video : Detailed Surve
Line Survey : Line Survey Survex file :

3033: cave

\section*{Moncobe 30T 445471 4798249 (Datum: ETRS89} Accuracy code: G) Altitude 123 m ength 60 m

Updated 4th November 2021
This hole is in the middle of the west side of the depression. A short way above the the depression. A short way above the
entrance is another hole through which ligh entrance is another hole through which
enters the chamber reached inside this enters the chamber reached inside this
cave. The site has been enlarged. (No lengt given).

A new visit in 2016 found the entrance blocked and the inside with pristine mud slopes. This suggests total flooding of tghe base of the depression, perhaps from below The cave, comprising mainly development in among very large boulders and some bedrock was thoroughly examined at that time, both at floor level and upwards into some interesting situations - but there is nc prospect for future major extension. The overall length including climbs is not in excess of 60 m .

See 3024. Both sites could not be found in the autumn 2021, although a tight vertical rift was discovered that needs caps to access a possible enlargement.

Reference: anon., 2008e (summer logbook); anon Reference: anon., 2008 c
2021d (autumn logbook) Entrance pictures: yes Underground pictures : yes Video: Detailed Surve On area surve Survex file : ETRS89. Accuracy code: A) Altitude 163m Length included in site 4117, Cueva del Ciervo Area position

Updated 15th November 2008; 9th May, 7th November 2009; 15th October 2011; 23rd May, 4th October, 3rd November 2015; 30th June 2018

The Langdales is now (September 2015) one of the six entrances to the Torca la Vaca System. The link is down a broken 35 m pitch (p15, p10, p10) from the linked site 4117 (Cueva del Ciervo) which connected to Ed's Birthday Passage in the summer, 2015

An area of large sandstone blocks with numerous draughts from the floor. Four holes have been investigated but not all properly documented.
"Langdale 1" is a rift at the west end of the boulder pile which enters a 3 m diameter MATIENZO UNDERGROUND - site descriptions (printed 1902/2022
chamber. There is an intermittent good
draught from a low sandy bedding on th draught from a low sandy bedding on the
right hand side. This needs further work as there appears to be a 5 m drop beyond.

Additional material supplied by Dave Gledhill Either drop down 2 m upper entrance squeeze through the lower floor level entrance to emerge in a chamber formed under very large sandstone block.
Immediately in front, floor slopes down
towards what looks like top of a shaft, but is blocked with sandstone boulders. Short squeeze down shows this to be totally choked with no draught. Right hand wall of chamber is undercut, revealing a low gap
that can be squeezed through after that can be squeezed through after excavation of the dry mud/sand floor. Tight squeeze under wall to a larger round low chamber ( 4 m diameter?). There is a hole approx 40 cm diameter in the middle of the floor. Late August in the evening of a warm sunny day, this was emitting a good steady cool draught. Hole looks down into top of a rift ( 5 m , possibly more ?). Rift narrows at this depth and has a few fallen blocks, but seems to continue down after this point. Rift looks as though it continues round to th left and access from this point would probably be easier. Floor of chamber is covered in dry sand/mud and the are over the rift is more than likely false floor. Walls of chamber covered in old-looking, dry, white calcite.
[First entered by me during prospecting on 26/7/08.
Described it to Mr. Pringle who went back the Described it to Mr. Pringle who went back the
following day. Person unknown SRT'd entrance at
this point ( 2 m abseil?)]

This site was further confused at Easter 2009, when it given the number 3167, no here, including a sketch survey which add to the measured survey (in preparation) The grid reference above is also disputed the cave could be 100 m further down hill to the southeast - a definitive grid reference is required. Note that both the 2 m upper entrance and the squeeze through the floor level entrance are on the eastern side of the fallen block and so not visible from the track leading to site 2916
The low entrance goes into a chamber with a boulder roof and a slope up to the left and a dig in the floor. The way on is to the right: a low crawl which opens up into a rift passage with a climb down into the rift. The rift narrows ahead (unsurveyed) and the way on is on the left into a high rift with a climb over jammed boulders. At a cross rift, left goes 2 m to an 8.3 m blind pit. Right goes a large descending rift before a squeeze How high aven chamber with no way on. However, there is a large space visible in the right hand wall 6 m up. There are numerous cross rifts, most close quickly and some survey ban be foubows. (Additions to the

In the summer, 2009 the pitch in the floor immediately after the squeeze under the immediately after the squeeze under
wall from the entrance chamber was dropped and found to be blind with a gravel floor in a 0.8 m wide and 4 m long rift.

Additional material supplied by Dave Gledhill There is an obvious fault running downhill from The Langdales, and this contains a number of interesting sites which are wel worth looking at. Unable to GPS due to extensive tree canopy, but the 2 sites of interest are approx \(30 \& 50 \mathrm{~m}\) down the hill from Langdales. The first is a small
depression that appears to be a swallet at times, although dry when we've seen it. The depression is full of sandstone blocks from which emits a strong cold draught on a warm day. We removed copious amounts of boulders and got down to limestone walls, although still full of boulders. Easy digging but will need scaff bar etc to shore up. Originally noted this spot at Easter last - as did Andy Pringle - I left cairn as marker which he found. Second spot is an obvious which he found. Second spot is an obvi rectangular shakehole rather similar to
entrance of Torca La Vaca, but about \(1 / 10\) th entrance of Torca La Vaca, but about \(1 / 10\) th the size. Very, very strong draught out from
small hole (8") in right hand corner (when small hole (8") in right hand corner (whe viewed from uphill). Several hours spen digging clay bank away from hole with limited success. Needs bigger shovel. Looks like a tight rift at present but further excavation will allow better view to see if \(i\) widens or can be persuaded. These two areas really do draught very strongly, much more than The Langdales does, but will need quite a bit of time \& energy to go further They do appear to be in the correct place though.

A surface survey to tie in these sites was carried out in 2011

\section*{link was through the hole in the right hand} wall mentioned above. Reference: anon., 2008e (summer logbook); anon
2009a (Easter logbook); anon., 2009c (summer 2009a (Easter logbook); anon., 2009c (summer
ogbook); anon., 2011d (summer logbook); anon., 2015b (Easter logbook); anon., 2015d (autumn logbook)
Entrance pictures: yes
Underg
Video:
Detailed Survey : 1:200 (only main line Detailed Survey : 1:200 (only main line
surveyed) Logbook scan of text and sketch : See surveyed) Logbook scan of text and sketch: Se
also Cueva del Ciervo or the Sistema de Torca la laca survey
Line Survey
On area survey
Survex file : yes (only main line surveyed) (Amended magnetic declination December 2013 to align with Eur79 grid and coordinates altered to fit Passage direction rose diagram: 30/6/2018

X
3035: sink
Hornedo 30T 4477594801131 (Datum: ETRS89 Accuracy code: A) Altitude 125 m
Area position
An approximate grid reference. A sink taking the stream from the road and Luis's farm area. The overhang cave at the west end of area. The overhang cave at the west end of diging into. There is a draughting dig at th digging into. There is a draughting dig at the The rest of the depression was too overgrown to enter.

Reference: anon., 2008e (summer logbook) Entrance pictures: nderground pictures Video:
Detailed Survey Line Survey On area surve Survex file

\section*{x}

3036: shaft
Mullir 30T 4553834794512 (Datum: ETRS89 Accuracy code: G) Altitude 510m ength 4 m Depth 4 m Area position

Updated \(4^{\text {th }}\) May 2016
A tight, choked rift with no draught.
Reference: anon., 2008e (summer logbook); anon 2016b (Easter logbook) Entrance pictures
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Underground pictur

```
ideo
Detailed Survey
On area surve
Survex file :
X
3037: cave
Mullir 30 T 4556814794970 (Datum: ETRS89.
Accuracy code: G) Altitude 584 m
Accuracy code: G) Altitude 584 m
Area position

A 50 cm square hole that "leads nowhere".
Reference: anon., 2008e (summer logbook) Entrance pictures: yes Underground pictures Video: Detailed Surve
Line Survey : On area surve Survex file

X
3038: shaft
Mullir 30T 4559964794935 (Datum: ETRS89 Accuracy code: G) Altitude 552 m Length 15 m Depth 15 m Area position

A 15 m shaft with a choked \(3 \times 1 \mathrm{~m}\) base
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Reference: anon., 2008e (summer logbook)

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Reference: anon., 2008
Entrance pictures: yes
Underground pictures
Underground pictures
Video: yes
Video:
Detailed Survey
Line Survey :
Line Survey
On area survey :
On area sur
Survex file :
x
3039: shaft
Mullir 30T 4560424794904 (Datum: ETRS89
Mullir 30 T 4560424794904 (Datu
Accuracy code: G) Altitude 542m
Depth 30 m
Area position

An undescended 30-40m deep shaft, hidden under a fallen slab, that needs widening.

Reference: anon., 2008e (summer logbook) Entrance pictures: yes Underground pictures ideo :
Detailed Survey Line Survey On area surve
Survex file :

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\section*{August 2011 exploratior}

A support for the large boulder was

At the top of the 6 m pitch Dan traversed over to descend thr

The aim is to return to survey (the length / depth above is very much a "guestimate"), take a few photos, and possibly descend the take a few photos, an
left hand scary pitch?

Reference: anon., 2008e (summer logbook); anon. 2010c (summer logbook); anon., 2011d (summer 2010c (su
ogbook)
Entrance pictures: yes Entrance pictures: yes
Underground pictures: yes Video : yes Detailed Sur
Line Survey Line Survey : On area surv
Survex file
```

X

```

3042: cave San Antonio 30T 4458284800854 (Datum: San Antonio 30T 4458284800854 (Datum
ETRS89. Accuracy code: G) Altitude 128 m Area position

A small choked rift with no draught.
Reference: anon., 2008e (summer logbook) Entrance pictures: yes nderground pictures Video : Detailed Surve On area surve Survex file
x
3043: holes
San Antonio 30T 4458354800891 (Datum: ETRS89. Accuracy code: G) Altitude 127 m Length 5m Depth 3 m Area position

The route to this site leads into the wood on a track, down to a \(T\) junction, a left turn and the depression is on the left. The track goes round 2 sides of this large feature. A short path has been cut to a 4 m climb down into a gully. There are a couple of noteable features including a very narrow slot (approx 10 cm wide) in the bottom of the depression. Elsewhere in the bottom is a body length crawl to a slightly draughting small hole in boulders where stones fall about 3 m .

Reference: anon., 2008e (summer logbook) Reference: anon., 2008
Entrance pictures: yes
Underground pictures

\section*{Video:} Detailed Surve
Line Survey : Line Survey On area surve
Survex file
Survex file
X
3044: shaft
Las Calzadillas 30T 4477244795396 (Datum: Las Calzadillas 30T 4477244795396 (Dat
ETRS89. Accuracy code: G) Altitude 427 m ETRS89. Accuracy code:
Length 8 m Depth 2 m Length 8 m
Area position

The entrance is situated approximately 20 m to the west of site 2992 at the base of the to the west of site 2992 at the base of
same scar, in a corner with a large, slipped block above. The entrance is now recovered block above. The entrance is now reco
with 3 boulders. A drop of 2 m enters passage approximately 6 m long. The north passage approximately 6 m long. The north
side is all boulders with daylight entering side is all boulders with daylight entering part way along the eastern side. The floor is stalagmited boulders and there is little or no draught.

Reference: anon., 2008e (summer logbook) Entrance pictures: yes Underground pictures : yes Video :
Detailed Survey Line Survey Survex file :
x
3045: cave
San Antonio 30T 4458964801786 (Datum. ETRS89. Accuracy code: A) Altitude 110 m Length 3 m Depth 2 m Area position
(The grid reference above is from the SigPac photographs).
This site is in the same depression as site 3046 and is the lower of the 2 caves. The length is approximately 1.5 m to a small drop with no draught

Reference: anon., 2008e (summer logbook) Reference: anon., 2008
Entrance pictures: yes
Underground pictures Entrance pictures: \(y\)
Underground pictur
Video : Detaile Line Survey On area survey : Survex file :

X
3046: cave
```

$$
\begin{array} { l } { \text { Length 2r} } \\ { \text { Area posit} } \end{array}
$$

```
Updated 26th June 2010
(The grid reference above is from the SigPac
photographs)
This site is in the same depression as site
3045 and is the higher of the 2 caves. The
length is approximately 1.5 m with no
length is
draught.
draught.
Site 3410 is the pot in the base of the
shakehole.
Reference: anon., 2008e (summer logbook)
Entrance pictures: yes
Underground pictures :
Video :
Detailed Survey
Line Survey :
On area survey
Survex file

\section*{3047: dig}
\(\qquad\) Accuracy code: G) Altitude 112 m
On area sur
Survex file :
3049: sink
Hornedo 30T 4488394800352 (Datum: ETRS89.
Accuracy code: A) Altitude 114 m
Length 7m
Area position

The grid reference above is an estimate. This is a sink with about 7 m of sloping passage which is too tight to enter.
```

Reference: anon., 2008e (summer logbook)

```
Entrance pictures: yes
Underground picture
Video
Dideo:
Line Survey
On area surv
Survex file.
x
3050: dig

3053: hole El Naso 30T 4504694797052 (Datum: ETRS89, El Naso 30T 4504694797052 (Dat
Accuracy code: G) Altitude 414 m Accuracy code
Area position

A draughtless hole in a shakehole.
Reference: anon., 2008e (summer logbook)
Entrance pictures: yes Entrance pictures: yes Underground pictures
Video:
Detailed Surve
Line Survey:
On area survey:
Survex file
x
3054: dig
La Secada 30T 4515634797528 (Datum: ETRS89. Accuracy code: G) Altitude 173 m
Area position Area position

Updated 25th September 2023
A possible dig next to the path at the base of undercut limestone. This was "written off in July 2023.

Reference: anon., 2008e (summer logbook); anon., Reference: anon., 2008e
2023c (summer logbook) Entrance pictures:
Underground pictures :
Video:
Dideo :
Line Survey :
Line Survey On area surve
Survex file :
x
3055: cave
Hornedo 30T 448594 4800492 (Datum: ETRS89 Accuracy code: G) Altitude 114 m Length 3m
Area position
A small, excavated rift, about 3m long.
Reference: anon., 2008e (summer logbook)
Reference: anon., 2008 e
Entrance pictures: yes
Underground pictures :
Underground pictures
Video:
Detailed Survey
Line Survey
On area survey :
Survex file :
X
3056: shaft
La Collada 30T 4481304799363 (Datum: ETRS89 Accuracy code: G) Altitude 385 m Accuracy code: Length 50 m Depth 40 m Area position

Updated 28th April 2013
First discovered at Easter, 2008 but not recorded. The draughting rift is in a small recorded. The draughting rift is in a smal
depression and goes 5 m to a drop of depression and goes 5 m to a drop of perhaps 10 m . The site drops between for a total of about 40 m depth. or a total of about 40 m depth.
At Easter, the site was mentioned as having an inaccurate location but the GPS reading was almost the same as that given above. I was also re-explored but no good digging places were found.

Reference: anon., 2008e (summer logbook); anon. Reference: anon., 2008
2013b (Easter logbook)
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\section*{Entrance pictures: yes}

3058: diq

\section*{A tight slot that needs enlarging.}

Reference: anon., 2008e (summer logbook) Entrance pictures: yes
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Video:

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Detailed Sur
ine Survey:
On area surve
On area sur
Survex file
X
3059: shaft
Ozana 30T 4533934794082 (Datum: ETRS89.
Accuracy code: G) Altitude 420 m
Length 7 m Depth 7 m
Area position
Updated 9th May 2009

A tight entrance to a 7 m choked pit with the route divided by a jammed block.

Reference: anon., 2008e (summer logbook); anon., 2009a (Easter logbook)

Updated 7th October 2012
A 5 m deep hole on the left hand side of the path, covered with railway sleepers. The hole was explored down to the choke (with no possibility of continuing) in February 2010. Marked AD-4.
```

Reference: anon., 2008e (summer logbook);
ADEMCO, 2012

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Entrance pictures: ADEMCO, 2012 pp13-14
Entrance pictures: ADE
Video :
Detailed Survey : from ADEMCO, 2012
Line Survey
On area survey
Survex file :
x
3063: cave
Llueva 30T 454271 4798951 (Datum: ETRS89
Llueva 30T 454271 4798951 (Datu
Accuracy code: G) Altitude 434 m
Accuracy code: G) Altitude 434 m
Area position

A \(1 \times 2 \mathrm{~m}\) passage which has a sediment choke after 3 m .

Reference: anon., 2008e (summer logbook)
Entrance pictures: Untrance pictures: Underground pictu Video : Detailed Surve On area survey Survex file
x
3064: dig
La Secada 30T 4516474797510 (Datum: ETRS89. Accuracy code: G) Altitude 170 m
Area position

Updated 25th September 2023
A horizontal rift with two connected holes This was "written off" in July 2023.

Reference: anon., 2008e (summer logbook); anon. 2023c (summer logbook) 2023 c (summer log
Entrance pictures Underground pictures Video:
Detailed Survey
Line Survey On area surv
Survex file :
x
3065: dig
Fuentecil 30T 4469174800185 (Datum: ETRS89. Accuracy code: G) Altitude 290 m
Area position

Updated 30th October 2010
A small hole by the side of the road.
Reference: anon., 2008e (summer logbook)
Entrance pictures: yes Entrance pictures: yes Video:
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Detailed S

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\[
\begin{aligned}
& \text { Detailed Surve } \\
& \text { Line Survey: }
\end{aligned}
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\[
\begin{aligned}
& \text { On area surve } \\
& \text { Survex file }
\end{aligned}
\]

Survex file :
x
3066: digs
Hornedo 30T 4481584800061 (Datum: ETRS89 ccuracy code: M) Altitude 225 m

Updated 28th April, 6th October 2013
These holes are in the obvious doline behind the post boxes at the side of the road. One dig is in the centre of the depression, the other on the edge by a small rock outcrop. More work was carried out in the summer, 2013. Reference: anon., 2008e (summer logbook); anon
2013 b (Easter logbook); anon., 2013d (summer logbook)
Entrance pictures: yes : summer 2013 Underground pictures
```

Video:Easter 20.

```
Line Survey :
On area surve
Survex file :
X

3067: digs
Barrio de los Urros 30T 4485854799596 (Datum:
ETRS89. Accuracy code: G) Altitude 318 m ETRS89. Accuracy code: G) Altitude 318 m Length 10 m Depth 5 m
Area position
Updated 25th January 2013
Two draughting entrances in a small rock escarpment above the road. The inwardly draughting site was entered and excavated on New Years Day 2013. A 5m climb down enters an enlargement where digging occurred in various locations. There was no obvious way on. The 2 entrances are joined

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Reference: anon., 2008 f (autumn logbook)
Entrance pictures: yes Entrance pictures: yes
Underground pictures Video: Detailed Surve
Line Survey : Line Survey On area surve
Survex file :

X
3073: cave
Hornedo 30T 447484 4801087 (Datum: ETRS89 Accuracy code: G) Altitude 122 m Length 3 m Area position

A \(3 m\) long sloping cave to a draughtless choke.

Reference: anon., 2008 f (autumn logbook) Reference: anon., 2008
Entrance pictures: yes Entrance pictures: yes
Underground pictures Video: Detailed Survey Line Survey On area survey : Survex file :

X
3074: dig Hornedo 30T 4473254801176 (Datum: ETRS89, Hornedo
Accuracy code: G) Altitude 130 m Length 6 m Depth 4 m Area position

This site started as a 2 m deep draughting hole in boulders, under a rock wall at the western end of a shakehole. It now has western end of a shakehole. It now has steps down over mud covered boulders with a vertical drop of about 4 m to a mud a boulder floor. It cuts back under the southern side by about 2 m to a wall. The roof and sides leading here are boulders, as is the floor. The dig will be a major undertaking to make further progress.
```

Reference: anon., 2008f (autumn logbook)
Entrance pictures: yes

```
```

Underground pictures

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Video:
Detailed Survey
Iine Survey :
Survex file :
x

3075: shaft
Hornedo 30T 4474184801198 (Datum: ETRS89. Accuracy code: G) Altitude 123m
Length 5m Depth 5 m
Area position
This (unexplored?) rift is approximately 3 m deep with stones rolling down a slope, maybe the same again. There is no draught.
```

Reference: anon., 2008f (autumn logbook)

```
Entrance pictures: yes
Underground pictures
Video:
Detailed Survey
Line Survey
On area surve
X
3076: dig
Hornedo 30T 4474874801180 (Datum: ETRS89
Hornedo 30T 4474874801180 (D
Accuracy code: G) Altitude 115 m
Area position

A draughting dig in boulders.
Reference: anon., 2008 f (autumn logbook) Entrance pictures: yes
Underground pictures Video:
Detailed Surve Line Survey On area surve Survex file
x
3077: shaft Hornedo 30T 447496 4801197 (Datum: ETRS89. Accuracy code: A) Altitude 117 m Length 3m Depth 3 m Area position

These are very small narrow rifts, 3 m deep with a slight draught, situated about 15 m NE of site 3076.

Reference: anon., 2008 f (autumn logbook) Entrance pictures: yes Underground pictures Video: Line Survey : On area survey Survex file
x
3078: dig
Hornedo 30T 4475174801181 (Datum: ETRS89. Accuracy code: G) Altitude 115 m
Area position

A draughting, sloping hole under boulders.
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Reference: anon., 2008 f (autumn logbook)
Entrance pictures: yes Entrance pictures: yes
Underground pictures : Video Detailed Survey Line Survey On area sui On area sur
Survex file

\section*{3079: holes} Hornedo 30T 4474484801137 (Datum: ETRS89. Accuracy code: G) Altitude 120 m Area position

Three small holes which are all choked
Reference: anon., 2008 f (autumn logbook) Reference: anon.,
Entrance pictures: yes Entrance pictures: yes
Underground pictures Video :
Detailed Survey Line Survey : On area surv Survex file

3080: dig

\section*{Hornedo 30T} Accuracy code
Area position

\section*{Updated 28th November 2023}

A steep sided shakehole, surrounded by brambles, contains a rock face with an brambles, contains a rock face with an
undercut blocked by peaty leaf mould. undercut blocked by peaty leaf mould Worth a quick dig.

Some digging was carried out in November 2023 through soil and rubbish.

Reference: anon., 2008f (autumn logbook); anon Reference: anon., 2008f
2023d (autumn logbook)
Entrance pictures:
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Underground pictur

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Video
Detailed Survey
Line Survey
On area survey
Survex file:
Survex file

3081: cave shaft where the way on down is currently shaft where the way on down is current
blocked with boulders. A clean washed blocked with boulders. A clean washed
passage appears to be approx 3 m below

At Easter 2010, two trips capped out boulders in the parallel shaft/rift to allow a descent of about 6 m into its lower section. This was choked in one direction, in the other, after getting over an enormous flake/block, it ended almost immediately with an extremely narrow continuation some 3 m above the floor. There are no plans to return to this.
However, back in the chamber at the bottom of the pitch a draughting narrow rift (possibly passable by an extremely skinny "skinny") appears to enlarge to caveable size passage after 3 m . Definitely worth some effort. Also there appears to (possibly) be a way heading north at roof level of the chamber, horizontal (from the rope) or chamber, horizontal (from the rope
vertical bolting required for access.

The cave requires surveying.
Reference: anon., 2008f (autumn logbook); anon., 2009a (Easter logbook); anon., 2010b (East

3082: dig ETRS89. Accuracy code:
Length 3 m Depth 15 m \(\xrightarrow[\text { Area position }]{\text { Length } 3 \mathrm{~m}}\)

The cave entrance leads to a narrow, vertical rift, maybe \(15 \mathrm{~m}+\) deep.

Reference: anon., 2008 (autumn logbook) Entrance pictures: yes
Underground pictures Underground pictures : Video :
Detailed Surv Line Survey Survex file :

X
3084: dig
San Antonio 30T 4473854801567 (Datum ETRS89. Accuracy code: G) Altitude 69 m Area position

\section*{Updated 9th May 2009}

This site is in the bottom of a gully, just outside a field, and has a very cold draught coming out of holes in boulders. There is evidence of an intermittent stream in the evidence of an intermittent stream
channel below - it looks like a flood overflow.
After a good poke around in boulders, an After a good poke around in boulders, an entry was made about 3-4 mabove th
lowest point at which any water might lowest point at which any water might
resurge. A very low gap back to the right resurge. A very low gap back to the right
(facing up gully) is visible. This gave the (facing up gully) is visible. impression that the water comes from
higher up the gully, running under boulders higher up the gully, running under boul
at low level. Worth checking in a flood. at low level. Worth checking in a flood.
Other holes have been opened up slightly Other holes have been opened up slightly
higher in the gully. The top hole seems mos promising, but requires some engineering work to get further down amongst boulders The draught here is very strong even on a cool day outside.

Over Easter 2009, there were several visits, engineering works commenced. In the promising top hole a shaft was sunk for about 5 m to a point where we felt we had reached bottom.
The draught seems to be coming from the right part way up the hole under a large right part way up the hole under a large
boulder. An attempt has been made to ge doulder. An attempt has been made to get down the back of this boulder and that may still be the way to go. A small flood pulse come through at one point and the dry channel start to run. There was not a lot of water on this occasion, but the draught and general location still make this a worthwhile dig.

Reference: anon., 2008f (autumn logbook); anon., 2009a (Easter logbook) Entrance pictures: yes Underground pictures
```

Video:

```
Detailed Surve
ine Survey
Cine Survey:
Survex file :
X

3085: cave
San Antonio 30T 4473794801518 (Datum:
ETRS89. Accuracy code: G) Altitude 87 m ETRS89. Accuracy code: G) Altitude 87 m Length \(2 m\)
Area position

This low cave is in the east side of the gully and goes in 2 m .

Reference: anon., 2008 (autumn logbook) Entrance pictures: yes Underground pictures Video :
Detailed Surve
Line Survey:
Line Survey
On area sur
Survex file :
X
3086: hole
San Antonio 30T 4473804801489 (Datum ETRS89. Accuracy code: G) Altitude 95 m Area position

A small hole down under bedrock. Five metres to the south is site 3087

Reference: anon., 2008 f (autumn logbook) Reference: anon., 2008
Entrance pictures: yes
Underground pictures

\section*{Video :}

Detailed Survey
Line Survey. Line Survey On area survey : Survex file :

X
3087: hole
San Antonio 30T 4473684801484 (Datum ETRS89. Accuracy code: G) Altitude 93 m Area position

No description. Site 3086 is 5 m to the north
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\section*{Entrance pictures: y} Unders Video Detailed Survey Line Survey On area sur
Survex file :

\section*{3088: dig}

Aornedo 3074475514801572 (Datum: ETRS89. Accuracy code: G) Altitude 116 m Length 4m Area positio

Updated 25th September 2023
A small entrance where the passage floor would dig out. The passage goes 4 m to drop. The site draughts in when caves lower down in altitude were draughting out. In August 2023, the floor was dug out but the moderately draughting passage was to the moderately draughting passage was too a small drop.

Reference: anon., 2008 f (autumn logbook); anon.,
Reference: anon., 2008f
2023c (summer logbook)

3089: shaft
Hornedo 30T 447719 4801589 (Datum: ETRS89 Accuracy code: G) Altitude 97m
Length 25 m
Area position
Updated 25th January, 28th April 2013
The entrance is in a shakehole that has been used as a rubbish tip. A 2.5 m vertical climb used as a rubbish tip. A 2.5 m vertical clir down lands on a rubble floor which then doubles back underneath for approximately 14 m down a rubble slope to a narrow chamber about 5 m tall with a restricted exit. A very small person or some engineering work is required to progress. At this poin rocks can be thrown down the slope and round a corner for a few metres. In January 2013, a few rocks were removed then, at Easter 2013, a 5m deep, body-sized rift drops to a bouldery slope which needs stabilising.

Reference: anon., 2008 f (autumn logbook); anon 2012 f (Christmas logbook); anon., 2013b (Easter logbook)

\section*{Entrance pictures: yes}

Underground picture
Video: Easter 2013
Detailed Surv
Line Survey
Survex file :

3090: cave
Hornedo 307 4476654801593 (Datum: ETRS89 Accuracy code: G) Altitude 100 m
Area position
Updated 9th May 2009; 25th January 2013
A short dig through soil and clay gave
access to a hands and knees crawling which consists of several interlinked phreatic consists of several interlinked phreatic
passages on the same development horizon. passages on the same development horizon. There are 2 small ( 15 m deep?) shafts to, as yet unreachable, lower levels. One prospe was not pushed as it might have taken 5 minutes to dig! The site needs further work. (Estimate of length to come).
At Easter 2009, attempts to get down the shaft were thwarted by small dimensions. A dig across the top of this shaft into a continuation has been started, and then put on hold until another attempt on the shaft by someone smaller. The 5 min dig proved to be over optimistic.

In January 2013, the "most amazing forest of mushrooms growing from the rotten wood laying across the pitch" was seen

Reference: anon., 2008f (autumn logbook); anon. 2009a (Ea
Entrance pictures: yes
Underground pictures
Video:
Detailed Survey
Line Survey :
Line Surve
Survex file

3091: shaf
Hornedo 30T 4476724801562 (Datum: ETRS89 Accuracy code: G) Altitude 99m
Length 8 m Depth 8 m

Updated 12th November 2022
Rocks have been removed from a partly choked drop to reveal an 8 m shaft with a ledge at 6 m . An impossibly tight phreatic tube crosses the shaft at 6 m . There is no prospect of digging this prospect of digging
In October 2022, a "fresh dig" was pursued for a few hours. There was " a slight draugh for a few hours. There was " a slight draug incentives forthcoming".

Reference: anon., 2008f (autumn logbook); anon.,
2022d (autumn logbook) 2022d (autumn logbook)
Entrance pictures: yes
Underground pictures
Video:
Detailed Survey :
Line Survey
On area surve
Survex file :
x
3092: dig
Hornedo 30T 4476774801555 (Datum: ETRS89 Accuracy code: G) Altitude 98 m
Area position
A small, draughtless cave entrance with a horizontal roof. A possible dig.

Reference: anon., 2008 f (autumn logbook)
Entrance pictures: yes
Underground pictures
Video:
Detailed Survey
Line Survey
On area surv
Survex file :
x
3093: dig
Hornedo 30T 4477114801522 (Datum: ETRS89. Accuracy code: G) Altitude 100 m
Area position
A possible cave blocked by small rocks and worth a quick dig.

Reference: anon., 2008 f (autumn logbook)
Reference: anon., 2008 f
Entrance pictures: yes
Underground pictures : Underground picture
Video: Detailed Line Survey : On area surve Survex file :
x
3094: shaft San Antonio 30T 4472784801608 (Datum:
ETRS89. Accuracy code: G) Altitude 64 m Depth 3 m Area position

\section*{Updated 28th April 2013}

The entrance is approximately 3 m off the road on the right side looking uphill. A road on the right side looking uphill. A vertical to 45 deg angle to very low sandy crawl. There are bags of rubbish in the bottom of the hole.

\section*{Reference: anon., 2008 f (autumn logbook) Entrance pictures: yes}
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Undergro

```
Video :
Detailed Survey
Line Survey
On area sur
Survex file
x

3095: cave
San Antonio 30T 4473034801644 (Datum ETRS89. Accuracy code: G) Altitude 60 m
Area position Area position

A short cave by the side of the road leads to a choke.
```

Reference: anon., 2008f (autumn logbook)
Entrance pictures: yes
Underground pictures
Video:
Detailed Survey
Line Survey
On area survey :
X
3096: cave
3096: cave
Hornedo 30T 4473944800928 (Datum: ETRS89
Accuracy code: G) Altitude 154m
Area position
A small cave entrance under sandstone. The
rift is approximately }1.5\textrm{m}\mathrm{ high with
rift is approximately 1.5m high with
l
Reference: anon., 2008f (autumn logbook)
Entrance pictures: yes
Underground pictures
Video:
Line Survey
On area survey
Survex file :
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Description from 2008: A hole by the side of Description from 2008: A hole by the side of the road under a slab, below a short walle

\section*{On area surve
Surrex fulc \\ \section*{S}} X

\section*{3103: cave}

Barrio La Mina 30T 4460234800115 (Datum ETRS89. Accuracy code: G) Altitude 225 m
Area position Area position

This site is located between twin shakeholes in the valley bottom. A narrow drop into the cave entrance which is covered with boulders. The passage is quite tight but goes on and draughts. It needs a thin person to progress.

Reference: anon., 2008 f (autumn logbook)
Entrance pictures: yes Reference: anon., 2008
Entrance pictures: yes
Underground pictures : Underground pictur
Video : Detailed
```

Line Survey On area survey :

``` Survex file :

X
3104: rift
Barrio La Mina 30T 4459064800087 (Datum: Barrio La Mina \(30 T 4459064800087\) (Dat
ETRS89. Accuracy code: G) Altitude 238 m Area position

A narrow rift in the left hand side (looking uphill) of a sunken lane. (Up on the bank uphill) of a sunken lane. (Up on the bank
above this is a small rock-sided shakehole above this is a small rock-sided shakehole
with mature trees in it. There is no way on here.)

Reference: anon., 2008 f (autumn logbook) Entrance pictures: yes Underground pictures Video : Line Survey: On area surve Survex file :

\section*{X}

3105: cave
San Antonio 30T 4454574801115 (Datum:
ETRS89. Accuracy code: G) Altitude 102m Length 150 m Depth 15 m
Area position

\section*{Updated 25th September 2014}

Entry to this site is possible from the north side: 2 sides of the shakehole are cliffs. A short dig allowed entry by the side of a large boulder, giving access to a large breakdown chamber under the 2 cliffs. A downstream passage with a strong outward draught can be followed down a climb to a point where i splits in two. One route leads to a choke which would be difficult if not impossible to dig, whilst the other route is currently blocked by a stal column. Both these passages draught out.

In July 2014, a downward exploration of the boulder choke in the entrance chamber the boulder choke in the entrance chamber
was undertaken, but further progress will was undertaken, but further progress will
require careful digging. Two bolts have beer require careful digging. Two bolts have beer
placed in the "big rift beyond the entrance" placed in the "big rift beyond the entrance"
to ease climbing in and out. An area beyond further awkward climbs was examined and there appears to be more passage than the 2008 sketch (below) suggests - similar horizon and similar features to Regato, nearby, and Cueva Laberinto. The site should be surveyed.

Reference: anon., 2008 (autumn logbook); anon., 2014c (summer logbook) Entrance pictures: yes Underground pictures : autumn 2008 : summer Video
Detailed Survey : sketch of the downstream area Line Survey :
On area survey
Survex file : through boulders to an opening that requires digging. In the summer 2013, it appeared to need a lot of work to clear back the vegetation to get to the entrance.

The site draughts but it needs careful digging with a shovel to progress. Loose boulders.

Reference: anon., 2008 f (autumn logbook); anon. 2013d (summer logbook); anon., 2016b (Easter
logbook) (November 2015 logbook account pasted here) Entrance pictures: yes Underground pictures Video :

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\section*{Line Survey \\ On area sur}
Video :
Detailed Survey
Line Surve
On area surve)
Survex file

\section*{3109: cave}

\section*{San Antonio 30T 4467814800822 (Datum:} ETRS89. Accuracy code: G) Altitude 160 m Area position

This hole above site 3108 is reached by a short climb up from the base of a cliff. The short climb up from the base of a cliff. The
passage goes only about \(2 m\) to reach a blind passage goes only about 2 m to reacl
pot, beyond which a small chamber pot, beyond which a small chamber
(unentered) can be seen in the continui (unentered) can be seen in the continuing passage The grid references for sites 3107-3111 need separating out

Reference: anon., 2008 f (autumn logbook) Entrance pictures: yes (with other sites) Underground pictures :
Video:
Detailed Survey
Line Survey
On area surv
Survex file :

\section*{3110: hole} San Antonio 30T 4467814800822 (Datum: ETRS89. Accuracy code: G) Altitude 157 m Area position

Site 3110 is the third of 4 holes ( 310 3108,3110 and 3011) looking from left to right at the base of a small cliff The grid references for sites 3107-311 need separating out. There is currently no description for this site.

Reference: anon., 2008 f (autumn logbook) Entrance pictures: yes (with other sites) Underground pictures
Video :
Detailed Survey
Line Survey
On area survey Survex file

\section*{3111: hole}

San Antonio 30T 4467814800822 (Datum: ETRS89. Accuracy code: G) Altitude 157 m Area positio

Site 3111 is the last of 4 holes \((3107,3108\), 3110 and 3011) looking from left to right at the base of a small cliff. The grid references for sites 3107-3111 need separating out. There is currently no description for this site.

Reference: anon., 2008 (autumn logbook) Entrance pictures: yes (with other sites) Underground pictures

Updated 12th November 2022
```

Detailed Sur
Line Survey:

```
On area survey
Survex file :
X
3113: dig
San Antonio 30T 4468564801067 (Datum:
ETRS89. Accu
Area position
Ar

The entrance is under a small rock face. The site draughts in on the left side and would dig.

Reference: anon., 2008 f (autumn logbook) Entrance pictures: yes nderground pictures Video : Line Survey Line Survey:
On area surv Survex file

\section*{x}

\section*{3114: resurgence}

San Antonio 30T 4468334801049 (Datum ETRS89. Accuracy code: G) Altitude 157 m Area position

A small resurgence over sandstone with a tufa deposit and small blind undercut below

Reference: anon., 2008 (autumn logbook) Entrance pictures: yes Undergr
Video : Video:
Detailed Survey Detailed Su
Line Survey On area surv
Survex file :

X
3115: Hombre, Torca del Cobadal 30T 4477914799321 (Datum: ETRS89 Accuracy code: G) Altitude 355 m Length 62 m Depth 55 m

\section*{Area position}

Updated 19th November 2008; 7th November 2009; 28th April 2013; 6th March 2014; 22nd February 2017

A couple of days were spent looking for this site in the summer, 2008, and it was eventually shown to us in the autumn. The 8 m wide shaft is best approached from above, where a large holm oak and 2 smaller trees are obvious landmarks on the south side of the peak. A faint track enters the eucalyptus wood below the two small trees and meanders down to the top of the shaft. It may well be that the track will need a machete to clear it. The stand of trees around and in the hole are slightly taller than the surrounding jungle. The February 2014 trip placed a Y hang for a free hanging pitch, avoiding rub points.
The entrance, with lots of vegetation, is on a fault/joint running 153 deg - depth 55 m . The shaft drops through a sandstone bed but opens out about 5 m down to a chamber some 15 m across with very old stal. It looks as if the cave developed below the sandstone and the roof collapsed to give the present entrance. The entrance pitch rope is belayed to the oak tree in the shaft and one further bolt is needed to get to the bottom of the entrance pitch/chamber. Fron here the shaft drops over two blocks that here the shaft drops over two blocks that have "dammed" up the loose rubble to a clean shaft of some 35 m to a mud and rock level floor with the small amount of water from drips) seeping away.
A strong joint / small fault runs through the pot and there is a small passage headin 153 deg. It may be just possible for a very small person to make some progress along this, but there was no draught and it looked a poor prospect. The poor prospect was excavated in February 2014 but only a smal length of choked passage was entered. The site was surveyed at that time.

There is no sign of any way on downward but the best prospect now may be to sink a scaffolded shaft into the floor.

The first exploration may have been by The first exploration may have been by
cavers from Santander in the 60's. It was first mentioned to Matienzo cavers in March 1997 by the mayor of Entrambasaguas.

Reference: anon., 2008 (summer logbook); page
from 2008 (autumn logbook); anon., 2008f (autumn MATIENZO UNDERGROUND - site descriptions (printed 19002/2024
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$$
\begin{subarray}{c}{\mathrm{ videoic}}\\{\mathrm{ petaile}}\end{subarray}
$$
Metailed Sur
Line Survey
On area sur,

```
\(\times\)
3118: Alum Pot
Fuentecil 30T 4466044800952 (Datum: ETRS89.
Fuentecil 30T 446604 4800952 (D
Accuracy code: G) Altitude 188 m
Depth 30 m

The GPS location is the southern end of large feature from where entry can be large feature from where entry can be
gained. The site is a large, open pothole gained. The site is a large, open pothole
with sheer walls on 3 sides and a steep with sheer walls on 3 sides and a steep
slope at the southern end. The depth is slope at the southern end. The depth is
approximately 30 m . Under a waterfall, in approximately 30 m . Under a waterfall, in
the middle of the western side, a very short the middle of the western side, a very
route down amongst boulders can be route down amongst boulders can be
followed to a boulder choke. To get on followed to a boulder choke. To get on
further is going to take some engineering
work. work.
Looking back up the slope out of the open hole the way out is up the left side. A few metres before reaching the top a traverse to the right across the slope gives access to a small opening on the south west slope/wall of the open hole.
(This site was found in November 2008 and reported in the Easter 2009 logbook).

Reference: anon., 2009a (Easter logbook) Entrance pictures: yes Entrance pictures: yes
Underground pictures Video:
Detailed Survey
Line Survey
On area surv
Survex file :
x
3119: dig
San Antonio 30T 4469354801343 (Datum: ETRS89. Accuracy code: G) Altitude 117 m Area position

A choked shakehole with a tyre. (This site was found in November 2008 and reportec in the Easter 2009 logbook).

Reference: anon., 2009a (Easter logbook) Reference: anon., 2009
Entrance pictures: yes Entrance pictures: yes
Underground pictures Video: Dideo:
Line Survey Survey : Line Survey On area surve
Survex file :

X
3120: rift
San Antonio 30T 4469674801379 (Datum: ETRS89. Accuracy code: G) Altitude 106 m Length 2 m Area position

A mud-choked small tube-cum-rift with evidence of animal denning. (This site was found in November 2008 and reported in the Easter 2009 logbook).

Reference: anon., 2009a (Easter logbook) Reference: anon., 2009
Entrance pictures: yes
Underground pict Underground pictures : yes Video: Video :
Detailed Survey : Line Survey On area surve
Survex file :

X
3121: shaft
San Antonio 30T 4469624801405 (Datum: STR Antonio 3014469624801405 (Datum
ETRS89. Accuracy code: G) Altitude 102 m Length 8 m Depth 8 m Area position

An excavated shaft which descends to a small chamber with a possible continuation beyond a boulder blockage. (This site was found in November 2008 and reported in the Easter 2009 logbook).

Reference: anon., 2009a (Easter logbook) Reference: anon., 2009
Entrance pictures: yes
Underground pictures Untrance pictures: yes Video : yes (6Mb wmv file)
Detailed Survey : Detailed Surv Line Survey On area surve
Survex file :

X
3122: cave
San Antonio 30T 4470794801285 (Datum: ETRS89. Accuracy code: G) Altitude 94 m Length 10 m Area position

Updated 7th November 2009
Drop down the entrance where the passage heads left to a small chamber. Just before this on the left is a crawl to a small hole with this on the left is a crawl to a small hole a draught. Down from the entrance, in
blocks, the way on appears to enter \(3-4 m\) blocks, the way on appears to enter 3-4m
of passage. Needs work! of passage. Needs work!
(This site was found in Nover (This site was found in November 2008 and reported
in the Easter 2009 logbook). MATIENZO UNDERGROUND
\[
\begin{aligned}
& \text { Reference: anon., 2009a (Easter logbook); anon., } \\
& \text { 2009c (summer logbook) }
\end{aligned}
\]

\section*{3123: shafts}

San Antonio 30T 4466764801714 (Datum: ETRS89. Accuracy code: G) Altitude 95 m Length 30 m Depth 23 m Area position

Updated 9th May 2009
Twin shafts unite further down. A 10 m shaft was descended at Easter 2009 into a chamber with lots of rubbish. Any way on is completely obscured by a foul smelling mess.
The length of 30 m is an estimate based on 23 m depth. The twin shaft was not noted to connect, but probably does connect, but probably does.
(This site was found in November 2008 and reported (This site was found in Nover
in the Easter 2009 logbook).

Reference: anon., 2009a (Easter logbook) Reference: anon., 2009
Entrance pictures: yes Underground pictures : y
```

Video:

```
Video:
Detailed Survey
Line Survey :
On area survey
On area sur
Survex file
3124: cave
San Antonio 30T 4467744801696 (Datum:
San Antonio 30T 4467744801696 (Datum:
ETRS89. Accuracy code: G) Altitude 113m
ELRS89. ACC
Length 15 m
Area position
The cave entrance is low but enlarges
quickly to 15 m of walking passage. This
quickly to 1 mite choke with no noticeabl
ends in a calcite choke with no noticeable
draught.
(This site was found in November 2008 and reported
in the Easter 2009 logbook).
Reference: anon., 2009a (Easter logbook)
Reference: anon., 2009
Entrance pictures: yes
Underground pictures: yes
Video :
Detailed Survey
Line Survey
On area survey
On area sur
Survex file
3125: hole
San Antonio 30T 4472714801378 (Datum:
ETRS89. Accur
This hole is in a heavily vegetated shakehole
This hole is in a heavily
and needs a description
(The site was found in November 2008 and reported
in the Easter 2009 logbook).
Reference: anon., 2009a (Easter logbook)
Reference: anon.,
Entrance pictures:
Entrance pictures:
Underground pictures
Video :
Detailed Survey
Detailed Sur
Line Survey
On area survey
On area sur
Survex file

\section*{3126: cave}

\section*{San Antonio 30T 4472714801378 (Datum} ETRS89. Accuracy code: G) Altitude 101 m Area position

A short cave which needs a description (The site was found in November 2008 and reported in the Easter 2009 logbook).

Reference: anon., 2009a (Easter logbook) Entrance pictures: yes
Underg
Video :
Detailed Survey Line Survey On area surv Survex file

3127: shaf
Coterón las Llanas 30T 4518934798772 (Datum: ETRS89. Accuracy code: A) Altitude 446 m Depth 5m Area position

A small shaft covered by rocks at the side of the road. The top has been dug out but it is the road. The top has
too small to progress.
too small to progress.
(The site was found in November 2008 and
(The site was found in November 2008 and
Reference: anon., 2009a (Easter logbook)
Reference: anon., 200
Entrance pictures: yes
Entrance pictures: yes
Underground pictures
Undergi
Detailed Survey
Line Survey
On area surv
Survex file :
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This shaft is in the corner of the junction tracks and is only a few metres from site 3081 (a cave with a 30 m deep shaft). This narrow shaft is approx 10 m deep. By April 2009, the area had been cleared and this shaft is currently lost under the muddy track.
(The site was found in October / November 2008 and excavated and reported in the Easter 2009 logbook).

Reference: anon., 2009a (Easter logbook) Entrance pictures: yes Underground pictures Video :
Detailed Survey Line Survey Survex file :

3129: Symmetry Pot
Cubija 30T 4496764796706 (Datum: ETRS89 Accuracy code: G) Altitude 425 m Length 18 m Depth 12 m

\section*{Area position}

A depression perched high above the middle f the underground survey loop of Simas del Picón and Torca del Regaton. The boulderfilled entrance shakehole emits a strong, warm draught in the winter. When excavated, the hole revealed a 10 m deep drop to a slope into choked rifts. One tiny rift appeared to carry the draught. The hole has been re-filled with the spoil.

Reference: anon., 2008g (Christmas logbook);
Reference: anon., 2008 g (Chris
anon., 2012e (autumn logbook)
anon., 2012e (autumn lo
Entrance pictures: yes
Underground pictures: yes Video : warm draught
 Line Survey On area survey Survex file :

3130: shaft
Muela 30T 4544284796359 (Datum: ETRS89 Accuracy code: G) Altitude 775 m Area position

A squeeze under slabs to an unexplored \(3 m\) drop.

Reference: anon., 2009a (Easter logbook) Entrance pictures: Underground pictures

\section*{ideo}

Detailed Surve
On area survey :
Survex file :

\section*{X}

\section*{3131: shaft}

S Vega 30T 4529494794238 (Datum: ETRS89. Accuracy code: G) Altitude 433 m
Depth 4 m Depth \(4 m\)

\section*{Area position}

Updated 19th May 2022
From 2009: "An 8 m long rift with trees, probably about 4 m deep. Unexplored." In April 2022, the site was described as a open \(8 \times 2 \mathrm{~m}\) rift with trees growing inside. Detritus floor. Small, stoney floor soakaway at north end. No draught
A second hole was noted, 10 m to the south. See site 5161.

Reference: anon., 2009a (Easter logbook); anon., Reference: anon., 200a
2022b (Easter logbook)
Entrance picture: April 2 Entrance picture: April 2022 Underground pictures Video:
Detailed Survey
Line Survey Line Survey On area surve
Survex file

X
3132: cave
N Vega 30T 4499624795948 (Datum: ETRS89. Accuracy code: G) Altitude 243 m Length 3 m
Area position
Updated 7th November 2009
A 4 m deep, vegetated shakehole with 3 m of passage going off at the base that becomes too tight.
on area surve
Survex file
\(x\)

\section*{3133: shaft}

N Vega 30T 4497124796136 (Datum: ETRS89. Accuracy code: G) Altitude 283m Area position

An undescended hole in the side of a shakehole that appears to drop 3 m to earth.

Reference: anon., 2009a (Easter logbook) Entrance pictures: yes
Underground pictures
Video :
Detailed Survey
Detailed Sur
Line Survey
On area sur
Survex file

\section*{3134: cave}

N Vega 30T 4497084795932 (Datum: ETRS89 Accuracy code: G) Altitude 299 m Area position

A small cave in a shakehole. The way on is visible but some digging may be required.
```

Reference: anon., 2009a (Easter logbook

```
Reference: anon., 2009a
Entrance pictures: yes
Underground pictures :
Video :
Detailed Survey
Line Survey :
On area survey
Survex file

\section*{3135: shaft}
N Vega 30T 4497114795927 (Datum: ETRS89
Accuracy code: G) Altitude 299 m
Area position

A rift with a good stone rattle.
Reference: anon., 2009a (Easter logbook) Entrance pictures: yes nd picture
Video:
Detailed Survey :
Line Survey
On area survey
Survex file

\section*{3136: shaf}

EI Naso 30T 4509674797137 (Datum: ETRS89 Accuracy code: G) Altitude 415 m
Depth 4m
Area position
Updated 18th September 2021

An unexplored, 4 m deep rift. In August 2021, the site was inaccessible due to "angry horses".

Reference: anon., 2009a (Easter logbook); anon.

\section*{Ditalea dur
Line surver}

\section*{Updated 18th May 2011}

A small, excavated entrance that drops to a choked floor 4 m down.
```

Reference: anon., 2009a (Easter logbook); anon.,
Reference: anon., 2009

```
Entrance pictures: yes
Underground pictures
Underground
Video : yes
Detailed Surve
Line Survey :
On area survey:
Survex file
x
3140: shaft
El Naso 30T 450970 4796525 (Datum: ETRS89.
Accuracy code: G) Altitude 480 m
Length 10 m Depth 10 m
Length 10 m
Area position

Updated 18th May 2011
An open hole next to the junction of two barbed wire fences. A 5 m pitch drops onto boulders which need removing to open up the next 4 m drop to more boulders. Two metres further down an apparent floor is seen

Reference: anon., 2009a (Easter logbook); anon., 2011b (Easter logbook)
Entrance pictures: yes
Underground pictures : yes Video:
Detailed Survey : sketch
Line Survey:
Line Survey
On area surve
Survex file :
x
3141: rift
El Naso 30T 4511394796964 (Datum: ETRS89. Accuracy code: G) Altitude 398m Length 4 m Depth 2 m Area position

A \(2 m\) deep and \(4 m\) long rift
Reference: anon., 2009a (Easter logbook)
Reference: anon., 2009a
Entrance pictures: yes
Underground pictures :

\section*{Video :}
```

Detailed Surve

```
Line Survey: On area survey : Survex file :

X
3142: resurgence \& sink
EI Naso 30T 4512194796796 (Datum: ETRS89. EI Naso 30T 451219 4796796 (Dat
Accuracy code: G) Altitude 414 m Accuracy code
Area position

\section*{Updated 17th February 2022}

A tiny resurgence and sink.
Reference: anon., 2009a (Easter logbook); anon., 2022a (January, February logbook) Entrance pictures: January 2022 Underground pictures Video:
 Line Survey On area surve Survex file : 5 m aven.
Reference: anon., 2009a (Easter logbook); anon., Reference: anon., 2009a (Easter logbook); ano
2012b (Easter logbook); anon., 2020d (autumn logbook)
Entrance pictures: 2012, 2020 Underground pictures Video :
```

Line Survey

```
On area surve
Survex file :
x

3144: cave
Muela 30T 4549674796289 (Datum: ETRS89. Accuracy code: G) Altitude 637 m Length 8 m

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\section*{Updated 28th May, 16th October 2011} A walk-in cave with a "stream" of goat shit at the foot of the northern cliff of the Hoya de Yusa.

Reference: anon., 2009a (Easter logbook); anon. Reference: anon., 200
2011b (Easter logbook)
\[
\text { Muela 30T } 4552664796494 \text { (Datum: ETRS89. }
\]
Accuracy code: G) Altitude 593m
\[
\begin{aligned}
& \text { Accuracy } 50 \text { e } \\
& \text { Length } 5 \mathrm{~m} \\
& \text { Area position }
\end{aligned}
\]
\[
\text { Updated 5th November } 2011
\]

A cave exposed by the track excavations. A crawl to passage containing stal with secondary growth formations.
Reference: anon., 2009a (Easter logbook); anon.,

\section*{3146: cave}

A small resurgence just below the house
which can be explored for about 1.5 m before it gets too tight.

Reference: anon., 2009a (Easter logbook)
Entrance pictures: yes Entrance pictures: yes
Underground pictures : Video : Detailed Surve
Line Survey: Line Survey: Survex file :
X

3151: cave
El Suto 30T 450152 4800183 (Datum: ETRS89. Accuracy code: G) Altitude 210m Length 8 m

The entrance to site 3151 is in a walled The entrance to site 3151 is in a walled
enclosure and leads over debris into a enclosure and leads over debris into a
hands-and-knees height chamber / passage A row of stal down the centre leads to where A row of stal down the centre leads to wher
the floor slopes up to a flat out crawl and the floor slopes up to a flat out crawl and way off to the left. There is a slight outward draught.

Reference: anon., 2009a (Easter logbook) Entrance pictures: yes
Underground pictures : yes Video:
Detailed Survey : sketch Line Survey Survex file :
x
3152: cave
La Gatuna 30T 4502804800255 (Datum: ETRS89. Accuracy code: A) Altitude 205 m
Area position

The grid reference is an estimate.
An enlarged joint in the undergrowth leads to a partial roof of fallen blocks then widens out to about 2 m with stream-washed debris in an open section before ending at a point where it drops down under a large boulder into an on-going passage. There is no draught.
```

Reference: anon., 2009a (Easter logbook)
Entrance pictures:
Inderground pictures
Video:
Detailed Survey :
Line Survey
On area surve
Survex file :
x
3153: Escalón, Cubio del N Vega 30T 450303 4795844 (Datum: ETRS89 Accuracy code: A) Altitude 197m Area position

```

Updated 27th September 2012; 24th
November 2013; 19th January, 2nd, 5th November 2013; 19th January, 2nd, 5 t
February 2014; 23rd May 2015; 3rd February 2014; 23rd May 2015; 3rd
December 2016; 8th January 2020

The grid reference is an estimate. The passage lowers from hands-andknees height to a crawl. After 12 m the floor had to be dug out for access to a final 3 m section on the left.
A few human bones were found when the site was discovered in 2009. In 2012 it was seen that animals had dug out more bones and permission was obtained from the Cantabrian authorities to collect these and other human remains in the cave in 2013. I January 2014, when the final length of found on the surface in a small chamber at the end.
The anthropological study by the Aranzadi The anthropological study by the A
Science Society (San Sebastián) has identified a minimum number of five adult identified a minimum number of five adul individuals and one child. Other remains
found in the cave include a few flints and found in the cave include a few flints and
small potsherds.

The definitiv
The definitive article about the finds in the cave was published near the end of 2016 in U ibe Antropologia-Arkeologia no. 67,
La cueva sepulcral calcolítica del Cubio
del Escalón (Matienzo, Cantabria) y el modelo de las pequeñas cuevas sepulcrales en Cantabria by Peter Smith, Jesús Ruiz Cobo, Anabel Sanz, Lourdes Herrasti, Ignacio Castanedo Tapia and Juan Corrin. The full article can be downloaded. Reference Smith P et al, 2015 has a summary of the archaeological work carried out within 2004-2016 and a table of radiocarbon dates.

Reference: anon., 2009a (Easter logbook); anon., Reference: anon., 2009a (Easter logbook); an
2012d (summer logbook); Corrin Juan, 2013a; anon., 2013 e (autumn logbook); anon., 2015b (Easter logbook); Smith P et al, 2015; Smith Peter (Easter logb
Entrance pictures: yes
Underground pictures
Underground pictures : bones found 2009 : more ones discovered 2012 : exca
2013 : femurs, January 2014
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$$
\begin{array} { l } { \text { Video : Excavations November 2013} } \\ { \text { excavations January 2014 (YouTube)} } \\ { \text { Detailed Survey : February 2014, p} } \end{array}
$$
Detailed Surv
Line Survey :

```
On area sur
Survex file

3154: dig
On area sur
Survex file

\section*{3156: dig}

3158: cave

Reference: anon., 2009a (Easter logbook)
Entrance pictures: yes Entrance pictures: yes
Underground pictures Undergr
Video :
Detailed Survey Line Survey On area surve
Survex file :

\section*{x}

3160: shaft
Secadura 30T 4559324798666 (Datum: ETRS89. Accuracy code: G) Altitude 244m Length 14 m Depth 14 m Area position

A boulder was removed to allow access and the stepped shaft was found to be 14 m deep to a choke. From the bottom there is no visible connection to the nearby site 3159 despite the rifts sharing the same alignment.

Reference: anon., 2009a (Easter logbook) Entrance pictures: yes Video:
Detailed Surve
Line Survey : Line Survey :
On area surve On area surv
Survex file :
X

3161: shaft
Secadura 30T 4559264798679 (Datum: ETRS89. Accuracy code: G) Altitude 240 m Accuraty code: G ) Altit
Length 3 m Depth 3 m Area position

A 3 m deep, blind shaft with a tree growing out of it.

Reference: anon., 2009a (Easter logbook) Entrance pictures: Underground pictures Video: Line Survey : On area survey : Survex file :
x
3162: cave
Secadura 30T 4559584798653 (Datum: ETRS89. Accuracy code: G) Altitude 245 m Length 4 m

\section*{Area position}

A 4 m long walk-in cave.
Reference: anon., 2009a (Easter logbook) Entrance pictures: yes Underground pictures Video : Detailed Survey Line Survey Survex file :

X
3163: shafts
Secadura 30T 455895 4798613 (Datum: ETRS89. Secadura 30才 4558954798613 (D
Accuracy code: G) Altitude 263 m
Area position

A large shakehole with rock outcrops around the side. In the east side of this feature is an open shaft with a good outward draught. It is possible to see a clay floor with possible passage running off both north and south. The shaft has been descended and further information has been requested.
Within the same depression are another couple of short choked shafts 3 m to the south of the open hole. These are not worth south of the open hole. These a
site numbers in their own right.

Reference: anon., 2009a (Easter logbook); anon., 2012e (autumn logbook) Entrance pictures: yes
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Video:

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Detailed
Line Survey:

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On area surve
On area sury
Survex file :
X

3164: dig Accuracy code: G) Altitude 259 m Depth 3m
Area position

A possible dig where holes go down through loose boulders, rocks falling about 3 m .

Reference: anon., 2009a (Easter logbook)
Entrance pictures: Entrance pictures: Underground pictures Video: Line Survey: On area survey : Survex file :

Length 16 m Depth 16 m
Area position
A small shakehole has a tree covered in mistletoe. The shaft is covered with boulders. The top is an extremely tight squeeze past a boulder with no stance below and return is only possible with surface and return is only possible with surface team assistance. The shaft is a free hang
with the ladder briefly touching a loose slope with the ladder briefly touching a loose
of hanging death. The original explorer of hanging death. The original explorer
descended to where he thought he could see descended to where he thought he could see that the bottom was blind. At this point he was he a rock. He was assisted out and the hole re-covered.

\section*{Reference: anon., 2009a (Easter logbook)} Entrance pictures: yes Underg!
Video
Detailed Survey Line Survey
On area sur Survex file

\section*{3166: dig}

\section*{Hornedo 30T 4481214800756 (Datum: ETRS89.} Accuracy code: G) Altitude 145 m Length 13 m Depth 7 m
Area positior
Updated 7th November 2009; 29th January, 30th October 2010; 28th April 2013; 6th January 2018

A dig at the base of a sandstone cliff, in a depression down below the road junction This site is perhaps 10 or more metres above passages to the north and above Scafell Aven in Torca La Vaca, site 2889 Station 13 in batch 2889_09_04 comes close and also station "three" in batch 2889_09_01. (See Vaca 3d file).

Excavations started at Easter 2009 and continued on a number of occasions over continued on a number of occasions ove the summer. The dig is now at a st where scaffold pole is holding up a sandstone block above a small chamber at the end of an excavated crawl. Bouldery space can be seen beyond but further stabilisation is required - the situation afte some December 2009 work. A very good draught now comes from the site.

The site was surveyed to the nearby house corner the summer, 2010. It was revisited at Easter 2013 and some boulders were pulled out from the flat-roofed chamber at the bottom of the hole. The very loose shaft parallel to this was also descended and the site described as "an interesting but loose cave"

Site 3286 , a draughting dig in a cold store is located at the other side of the depression, beneath a house, and it also has potential.

Reference: anon., 2009a (Easter logbook); anon. 2009c (summer logbook); anon., 2009e (Christmas book); Corrin Juan, 2010; anon., 2013b (Easter Entrance pictures: Easter 2009 : summer 2009 Underground pictures
Video : Capping
Detained Survey : sketch plan and elevatior Line Survey:
On area survey:
Survex file : yes (mostly surface survey to tie in Survex file: y ys (mostly surface survey to tie
house corner) (Amended magnetic declination house corner) (Amended magnetic declinatio,
December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014.

\section*{3167: cave}

\section*{thermoluminesence dates}

The entrance to site 3255 lies 6 m to the northeast.

Reference: anon., 2011a (January, February ogbook); anon., 2011e (autumn logbook); ano 2012c (Whit logbook); Smith Peter et al, 2014 Smith P et al,
Miriam, 2016 Entrance picture : yes Underground picture(s): yes Video: yes (updated)
Detailed Survey : yes, with site 3255 Line Survey On area survey
Survex file : stand alone (Amended magnetic Survex file : stand alone (Amended magnetic
declination December 2013 to align with Eur79 gric and coordinates altered to fit ETRS89 datum, April 2014.) with site 3255 (Amended magnetic declination December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014

X
3168: cave
Hornedo 30T 447438 4800869 (Datum: ETRS89 ccuracy code: G) Altitude 160 m Area position

A small cave entrance under a sandstone bed just uphill from site 3081. A small maze of phreatic passages with 2 ways on, both phreatic passages with 2 ways on, both oo small

\section*{Reference: anon., 2009a (Easter logbook)} Entrance pictures: yes Underground pictures
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ideo

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Detailed Survey
Detailed Sur
On area surve
Survex file
x

3169: dig
Hornedo 30T 4474544800877 (Datum: ETRS89 Accuracy code: G) Altitude 160 m
Length 2 m Depth 2 m
Area position
This site lies above site 3168 on a very steep bank. A rift has been excavated but is still too tight to enter. The hole is 2 m deep and \(2 m+\) long and may just be a slif feature

Reference: anon., 2009a (Easter logbook) Entrance pictures: yes Underground pictures Video:
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Detailed Sur

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Line Survey
On area surve
Survex file :
X

3170: cave
Hornedo 30T 4472184800616 (Datum: ETRS89 Accuracy code: G) Altitude 158 m Accuracy code
Length 39 m
Area position
Updated 7th November 2009; 18th May 2011

The site is located in the bottom of an enormous depression. Torca El Hondo lies upslope 500 m to the southwest and the depression aligns to the joints in the depression aligns to the joints in the
entrance passages of Torca La Vaca, 1 km to the northeast A sandstone bed is visible the hottom A the dopression a the bottom of the depression above the cav entrances. A gully comes in from the northwest, cutting this bed. This point is probably above the terminal chokes. Twin entrances quickly unite underground and there is evidence of stream sinking here in wet weather. A strong draught goes into the choke at station 8. (See 3170.3d survey file). A smoke test showed no sign of smoke coming back out of surface boulders. This site may well repay digging either underground or on the surface but may not be a quick prospect.
In the summer, 2009 some survey work was carried out to find the best place to dig. Further excavation is required.
At Easter 2011, when Torca de Peña
Encaramada was extended and surveyed close to this cave it was revisited but there were no fresh insights into digging prospects.

Reference: anon., 2009a (Easter logbook); anon., 2009c (summer logbook); Corrin Juan, 2010; anon., 2009c (summer logbook)
2011b (Easter logbook)
Entrance pictures: yes
Underground pictures : yes
Underg
Video:
Detailed Survey
Line Survey
On area survey :
Survex file : yes (Amended magnetic declination December 2013 to align with Eur79 grid and
coordinates altered to fit ETRS89 datum, April 2014 x is below the sandston
blocked by rubbish.

Reference: anon., 2009a (Easter logbook) Entrance pictures: yes Underground picture Video :
 Line Survey On area surv Survex file

\section*{3172: cave}

Hornedo 30T 447466 4800939 (Datum: ETRS89. Accuracy code: G) Altitude 150 m
Length 3 m Depth 3 m
Area position
A 3 m drop into a cave entrance in a recently cleared area. The cave has a sandstone roof and draughts out very well but gets too small.

Reference: anon., 2009a (Easter logbook) Entrance pictures: yes
Video :
Video:
Detailed Survey
Line Survey
On area survey
On area sur
Survex file

\section*{3175: Patterdale Pot}

Entrance pictures: yes
Underground pictures
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Reference: anon., 2009a (Easter logbook); anon.,
Reference: anon., 2009a
Entrance pictures: yes
Underg
Video:
Detailed Sur
On area survey :
On area surve
Survex file :
3177: shaft Hornedo 30T 4475124800376 (Datum: ETRS89. Hornedo
Accuracy code: G) Altitude 297 m
Depth 5 m
Area position
A rift covered by a large slab. It appears to be about 5 m deep and 4 m long with no

``` draught.

Reference: anon., 2009a (Easter logbook) Entrance pictures: yes
Underground pictures Undergr
Detailed Survey : Line Survey On area surve Survex file :

3178: quarry
Camposdelante 30T 4474524799867 (Datum: ETRS89. Accuracy code: G) Altitude 413m Area position

A quarry with possible holes on site.
Reference: anon., 2009a (Easter logbook)
Entrance pictures:
Entrance pictures:
Underground pictures
Video :
Detailed Survey Line Survey
On area sur Survex file
x
3179: cave
Hornedo 30T 447996 4801245 (Datum: ETRS89. Accuracy code: G) Altitude 110 m Length 5 m

\section*{Area position}

Updated 30th October 2010
A sandstone outcrop with undercut which has remnants of some form of 'industry'. A small drystone wall with opening into an area approx \(3 \mathrm{~m} \times 5 \mathrm{~m}\) containing two long log trestle tables and a tea chest. In the far right of the undercut is a small drystone wal past which the undercut continues further under the outcrop for approx 5 m before swinging left and closing up completely. No swinging left and closing up completely. No
signs of draught on a hot day. Old animal signs of draught on a hot day. Old animal bones on floor. No dig potential.

Reference: anon., 2009a (Easter logbook); anon., 2010c (summer logbook) Entrance pictures: yes
Underground pictures : yes Video:
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Detailed S

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Line Survey :
On area surve
Survex file
3180: sink Camposdelante 30T 4468994799566 (Datum: Camposdelante 30 T 4468994799566 (Da
ETRS89. Accuracy code: A) Altitude 198 m Area position

\section*{Updated 7th December 2015}

A sink area which was examined in November 2015 when all leads were found to be choked.

Reference: anon., 2009a (Easter logbook); anon., 2015d (autumn logbook) Entrance pictures: yes Underground pictures Video : Detailed Survey
Line Survey:

\section*{On area surve} Survex file
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\section*{3181: cave}

A small shakehole on the edge of a field or the south side of a small wood. A small lov cave entrance runs off towards the wood. Unexplored due to dead animal resting in bottom of depression. May need digging to get in and appears to be used by animals.

\section*{Reference: anon., 2009a (Easter logbook}

\section*{Reference: anon., 2009
Entrance pictures: yes \\ }


Detailed Survey Line Survey On area survey Survex file

3182: shaf

\author{
Fuentecil \(30 T 4464744800883\) (
} Accuracy code
Area position

Collapse feature a short distance from the large Alum pot type hole. A rift around a large Alum pot type hole. A rift around a metre wide and
sandy floor, but the fill is in excess of 1 m sandy floor, but the fill is in excess of 1 n deep.
Reference: anon., 2009a (Easter logbook) Entrance pictures: yes Underground pictures
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Video:

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Detailed Survey :
Line Survey :
On area survey
On area sur
Survex file

\section*{3183: shaf}
Ozana 30T 4535384794083 (Datum: ETRS89. Accuracy code: G) Altitude 408 m Length 14 m Depth 8 m

3185: cave

Underground \(p\)
Video:
Detailed Surve
Line Survey: On area surve x
3187: resurgence
3187: resurgence
 Accuracy code
Area position

A water supply with a wall built round it and A water supply with

Reference: anon., 2009a (Easter logbook) Entrance pictures: yes Underground pictures Video : Detailed Survey : Line Survey On area surve Survex file :
x
3188: diq
La Gatuna 30T 4499214798295 (Datum: ETRS89. Accuracy code: G) Altitude 365 m Area position

Updated 7th November 2009
An easy draughting dig in a rift half-filled with mud. In the summer 2009 (when there was no draught) this was partially excavated to where the roof could be seen to lower. Lots of work required.

Reference: anon., 2009a (Easter logbook); anon., Reference: anon., 2009
2009c (summer logbook) Entrance pictures: yes Underground pictur
Video : Video: Detailed Survey
Line Survey: Line Survey On area surve
Survex file:

3189: shaft
La Gatuna 30T 4497404798266 (Datum: ETRS89. Accuracy code: G) Altitude 389 m
Depth 5m

\section*{Area position}

An unexplored 5m shaft in brambles
Reference: anon., 2009a (Easter logbook)
Reference: anon.,
Entrance pictures
Underground pictures

\section*{Video :}
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Detailed Sury

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Line Survey :
On area survey :
Survex file

X
3190: cave
La Gatuna 30T 4501014798263 (Datum: ETRS89. Accuracy code: G) Altitude 381 m Length 5m Area position

Updated 26th April 2020
A body-sized tube to a mud slope where rocks continue rolling
The hole was the scene of a calf rescue on 14/4/2020 when a thin vecino entered the \(14 / 4 / 2020\) when a thin vecino entered
hole as part of the rescue. There is no continuation.

Reference: anon., 2009a (Easter logbook); anon., 2020b (Easter logbook)
Entrance pictures:
Underground pictures Video :
Line Survey :
On area survey : Survex file :
x
3191: Hepatica Hole
La Gatuna 30T 4501464798293 (Datum: ETRS89. Accuracy code: G) Altitude 389 m Length 81 m Depth 50 m Area position

A collapse at the base of limestone scars. Removing boulders reveals a \(1 \times 0.5 \mathrm{~m}\) shaft top, widening out where stones rattle down for 8 seconds. The shaft is 15 m deep landing on an unstable slope of boulders to the head of the final 27 m pitch. At the base a chamber with avens quickly closes in.

Reference: anon., 2009a (Easter logbook) Entrance pictures: yes Underground pictures Video :
Video:
Detailed Survey : yes
Line Survey
Line Survey
Survex file : yes (Amended magnetic declination Survex file : yes (Amended magnetic declina
December 2013 to align with Eur79 grid and coordinates altered to fit ETRS89 datum, April 2014.

\section*{\(\frac{3192: ~ d i g}{\text { La Gatuna } 30}\)}

A narrow, undescended slot below a scar. The site was not found in August 2013, but was found draughting slightly in November 2014. It appears passable for a couple of metres if the entrance is opened up

Reference: anon., 2009a (Easter logbook)
Entrance pictures: yes Entrance pictures: yes
Underground pictures Video: Detailed Survey Line Survey On area surve
Survex file : Survex file X
3198: shaft
Riaño 30T 4523114799742 (Datum: ETRS89. Accuracy code: G) Altitude 234m Depth 4 m Area position

A 4 m deep, probably choked, shaft in a clinty area up behind a single storey building.

Reference: anon., 2009a (Easter logbook) Reference: anon., 2009
Entrance pictures: yes Underground pictures Video :
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Detailed Surv

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Line Survey :
On area survey
On area surve
Survex file :
x

3199: cave
Riañ: CaVe 452160 4799727 (Datum: ETRS89 Riaño 30 T 4521604799727 (Datu
Accuracy code: G) Altitude 235 m Area position

Updated 7th November 2009
Entry is through collapsed sandstone boulders to a steep slope down. The right is boulders to a steep slope down. The rig
too tight, but the left route, through an too tight, but the left route, through an
eyehole, drops into an enlargement, all ir eyehole, drops into an enlargement, all in sandstone blocks with no obvious way on It's been described as not a very safelooking place.

Reference: anon., 2009a (Easter logbook); anon., 2009c (summer logbook) Entrance pictures: Underground pictures
```

Video:

```
Video:
Detailed Survey :
Line Survey:
Line Survey :
Survex file :
x
3200: shaft
Cobadal 30T 4493814798563 (Datum: ETRS89.
Cobadal 30T 4493814798563 (Da
Accuracy code: G) Altitude 345 m
Length 6 m Depth 6 m
Length 6 m
Area position

A 6.2 m deep shaft to a hollow-sounding floor. A 2 m tight rift to the right has a draught coming out. A bit of digging revealed lots of bones and a few large rocks which may need a cap to shift.

Reference: anon., 2009a (Easter logbook) Reference: anon., 2009
Entrance pictures: yes Underground pictures : yes Video :
Detailed Survey
Line Survey On area survey Survex file

X```


[^0]:    MATIENZO UNDERGROUND - site descriptions (printed 19002/2024 $\begin{gathered}\text { Volume 4- page } 143\end{gathered}$

