

LOGBOOK

Year: 2018

Season: Easter

Logbook pages scanned to jpg then combined into a pdf file using <http://smallpdf.com/>

Juan Corrin, May 2018

EASTOR 2018.

(1)

Thursday, 22nd March 2018 Juan and Penny up and beyond the end of the TV Mast track. Parked at the end then walked down and out past **Torca de Cantones (site 865)** (photo) and on to the first track junction, about 1.5km from the car. Then toiled up the hill being diverted by a small, blocked resurgence just up from the track (**new site 4667**). The water ran off down through brush and wasn't followed to any sink.

We continued to our first objective, **site 1185** in the middle of a walled field. (This was to check out a warm draught and possible dig.) Having not seen anyone for an hour it came as a surprise to find a tractor and 4 farm workers at the hole, distributing pellets (fertiliser?) by hand on the surrounding pasture.

The entrance was gently blowing warm air (IR photo taken; external temperature about 7C) but I didn't venture in over the soggy floored, flat-out crawl.

Then dropped down to visit the **Volcano (site 1391)** for some more IR photos of warm air blowing out. A walk down to pick up the Piluca track soon saw us back at the car.

Juan then went to investigate a couple of features first seen by drone back in February. These are below the track as it passes the pink barn. One feature was found to be an open cave (**new site 4668**) and the second, a pile of branches 6m to the east covering something which has yet to be investigated (**new site 4669**).

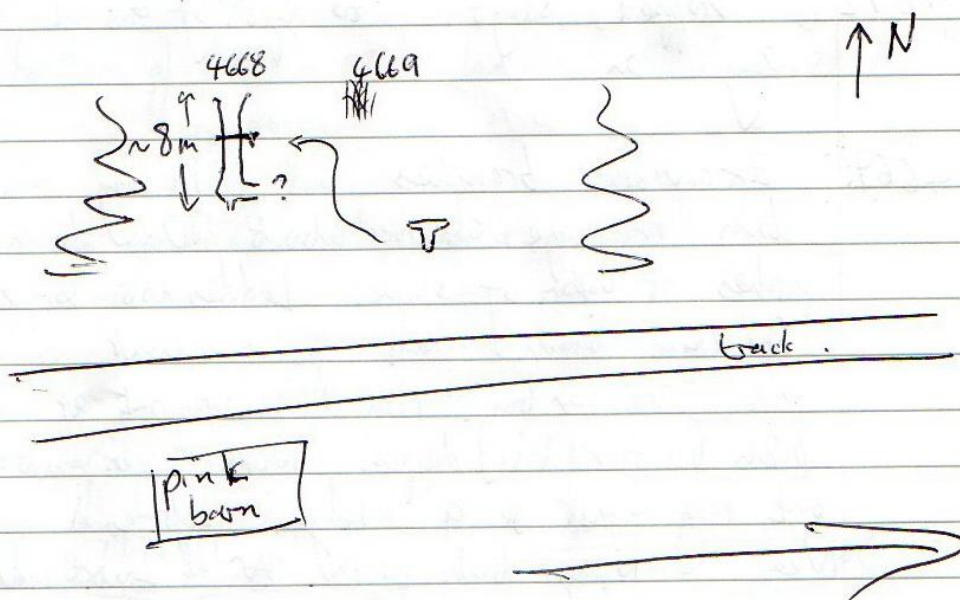
Site 4668 is a slide down into a 1.2m high x 0.5 m wide trench with enlarged bedding at the top which goes for about 8m to a sit-up chamber where it is possible to turn around. The passage becomes too small to straight ahead, into the hill, but continues much smaller and unexplored to the left (east). There may have been a slight warm draught. (Photos)

Grid references for new sites:

4667 resurgence 30T 0450618 4794379

4668 cave 30T 0452091,4794840

4669 hole 30T 0452097,4794840



^{4H}
Saturday, 22nd March 2018 Juan and James returned to the field below the pink barn at the end of the TV mast track. Surface investigations were made more interesting as storm Hugo was passing through.

Site 4668. James pushed on to the left and reached another enlargement (after about 6m) where a small route on the left headed back to the surface and towards site 4669. While James excavated here, Juan went out to uncover **site 4669**. Moving branches caused boulders to collapse down, which were heard underground. In 4668, James dug through to the head of a pitch. An easier way to here may be to descend and open up 4669.

Then out into the storm to investigate other features seen on the drone photo. On the old track that runs down the field, an open hole (**new site 4670**) has orange and white plastic bags and plenty of water coming in through the roof in a number of places. The water disappears in the floor but no attempt was made to dig. Length 4m.

Directly above the branches pitch (4669) is a dig (**new site 4671**) which James spent 10 minutes digging out. This needs more work and properly investigating.

Site 1937 was investigated and the entrance grid reference should be ~~452164~~ 4794895 (moved to the southwest. ⁴
452156 4794898

Finally, a pitch was opened up (**new site 4672**) - but the depth is uncertain as it was too windy to hear rocks dropping.

Grid references

4670 30T 0452129 4794847

4671 30T 0452101 4794834

4672 30T 0452102 4794889

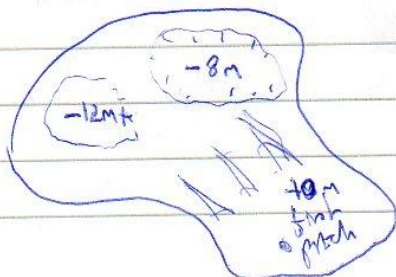
1937 30T ~~0452164~~ 4794895 ⁴
452156 4794898

Sunday 25th March 2018

Juan C, James C.

4672: Dropped shaft to depth of around 12m. No obvious way on.

4669: Excavated branches out of the way and descended down to large chamber about 10m down. Two subsequent pitches at bottom of slope. Ladders not long enough! Right hand branch had floor about another 8m down with fertilizer bag. May be way out at back. Left hand pitch (a fair bit) deeper. Rocks seen about 12m down, but may just be a ledge. Left hand shaft slightly narrower. Need to go back with 2 more ladders.



0980: 449229 4801102 84m Resurgence on left (southern) bank of the river. Position on website seems to be slightly out.

Test: OBA in 3010 on 27 Feb. Positive in 3282 on 1 March (Background test at 3282, 17 - 18 March was negative)

New site 4673 LBT 151: 452919 4793277 395m Small covered shaft.

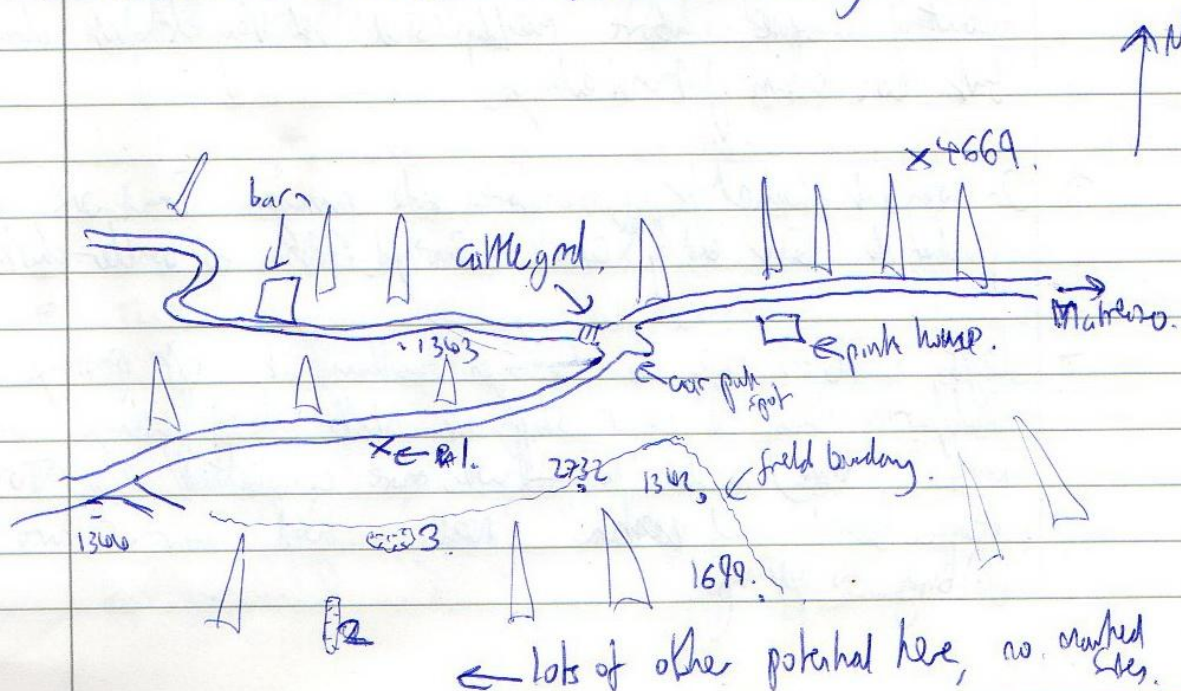
Pete Smith 26/3/18

Monday 26th March 2018

James C.

Cycle ride up the TV Mast track ~~to~~ site car park, then prospecting on hill about - Found several sites of interest:

1. Easy ⁴⁶⁷⁴ dig in side of hill above road into reasonable size passage. Needs 10 minutes with spade to get in.
2. Rift in shalehole in middle of field Steps down to small hole down into possible of chunker below. ⁴⁶⁷⁵
3. Pit at bottom of field, needs ladder. ~~th~~ Can't see the bottom. ^{4678(?)}
4. Other assorted sites. Needs a thorough look!



Tuesday, 27th March 2018

Juan to the pasture beyond and uphill of the TV Mast parking spot to check out the holes James spotted yesterday.

New site 4674 @ 30T 0451910, 4794669 triangular dig into stooping passage. Just up from track. Photos

New site 4675 @ 30T 0451914, 4794601. Rift with orange bags. A dig which may head back underneath. Photos

New site 4676 @ 30T 0451927, 4794561. A 2m deep hole that looks choked. Photos.

New site 4677 @ 30T 0451938, 4794562. A rock-sided depression, about 2m deep, that needs a proper investigation through the brambles. Photos.

Checked out site **1699** - Photos. Site **1342** - photos. **2732** - photos.

New site 4678 @ 30T 0451941, 4794657. Right under the fence and below 2732. A 3m deep hole that looks choked. Photos

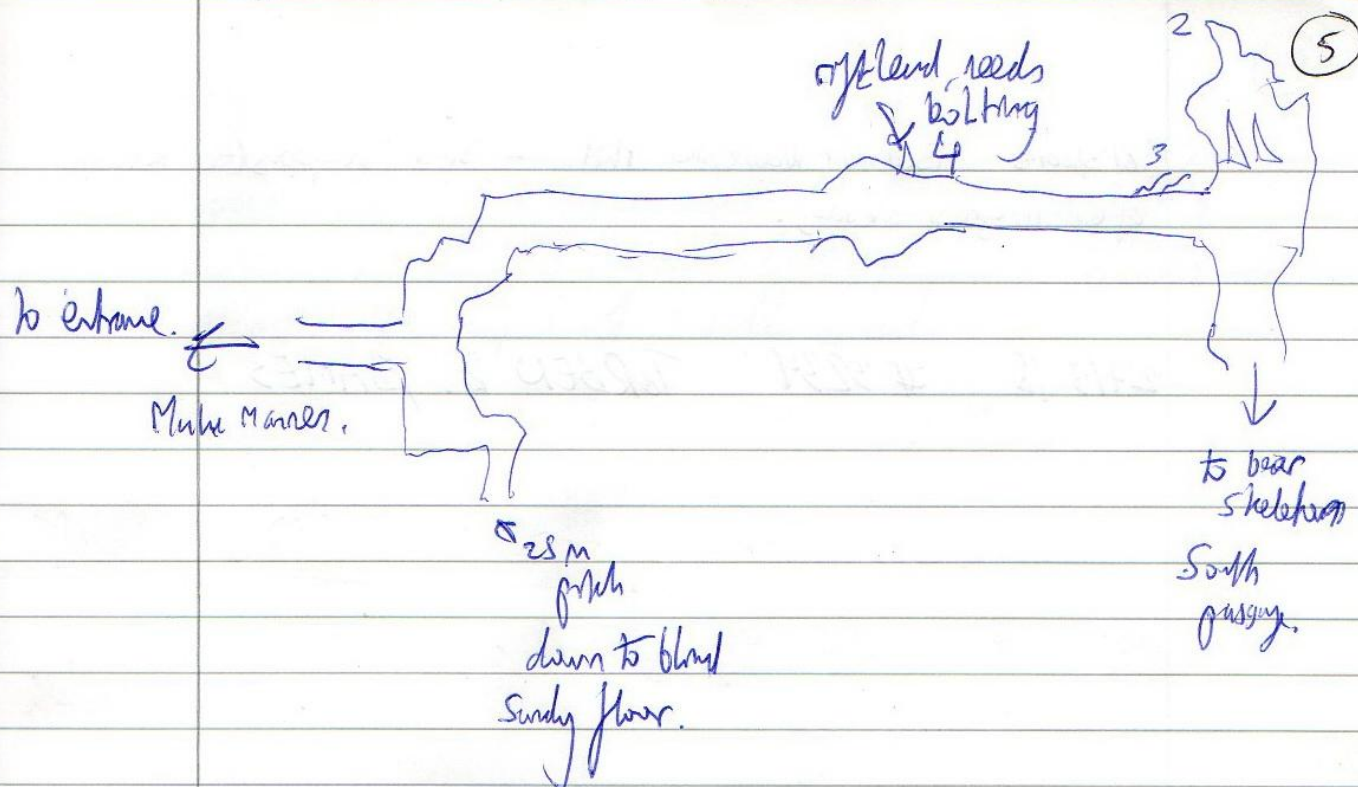
New site 4679 @ 30T 0451926 4794643. Appears to be a covered hole. Photos.

gsc

Llanio 3234: Tarben, James C. 27/3/2018

Went into Llanio to push some leads?

1. 2.5m pitch down with following water was dropped by Tarben but turned out to be blind at the bottom. This is the pitch that was too wet for Peter & Tarben to drop back in January. Reopened and left the 2.5m rope for an ^{coiled up at junction where it had previously been left.}
2. Passages at North East green level near to Branio are well re-looked at. Passage at lowest point that was previously marked as coming down was revealed to be a dig with a small amount of overfall above muddy sand. A very slight draught but not known if it will enlarge.
3. On way out checked for overlooked side passages. Found one new junction at East end of ^{new} Cave. It surveyed 20m to boulder-chute.
4. Left 16m rope & Stunges/Marlinus at off passage level halfway along new shaft at North side of passage. Didn't have time to do this - was more complicated than Tarben remembered and ~~needed~~ needs a good hour or two of bolting to get up.



Wednesday, 28th March 2018

With a lack of a "third man" to safely explore the pitches in site 4669, Juan and James ticked off some of the question marks found at the top of the TV Mast track over the last few days.

The triangular dig (**site 4674**) was opened up in a few minutes and a tight entrance squeeze immediately revealed the passage closed down at a small dig. (Photos)

James descended **site 4678** by the fence to find it choked 3m down. **Site 4679** was uncovered to reveal a very small descending rift – and recovered.

A ladder was dropped down the entrance climb of **site 4677** to a small hole down to a choke 3m down. Total depth about 5m. (Photos)

James climbed down 3m in the narrow, fenced **shaft 4660** to a choke. (Photos)

New **site 4680** has a block part way down preventing a descent. This could be easily removed with a sling / rope. Probable depth is about 4m. (Photos) 0451977 4794582

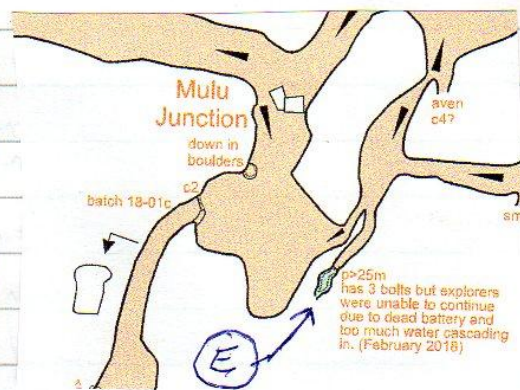
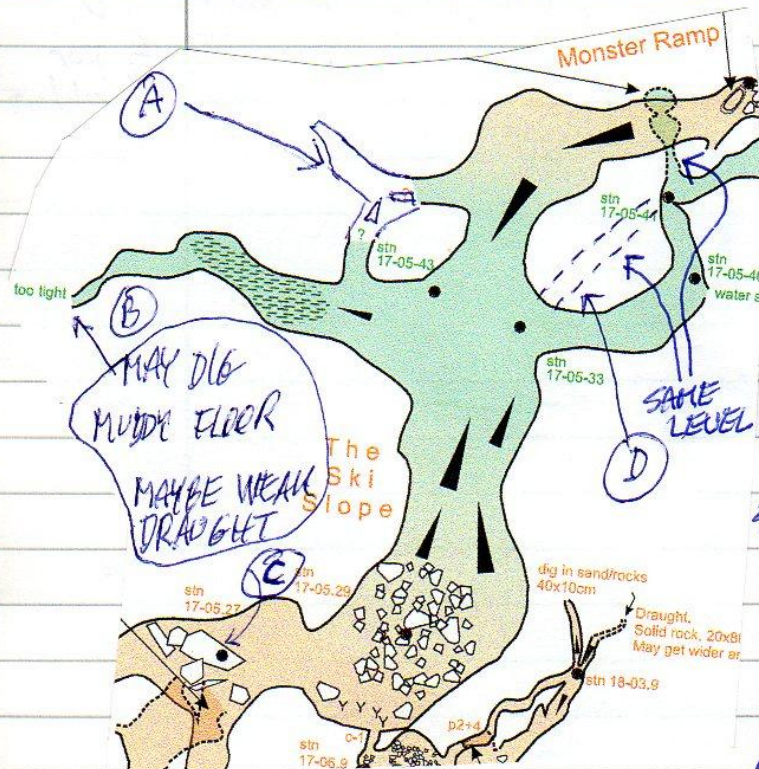
1298 28/03/2018 Pete Smith & Phil Papard

First job was to clear out the rubble at the top of the pitch, left from the last blasting in 2017. Then Pete went down the pitch, about 4m, landing in a small chamber. This is a space between boulders in the roof and shed-sized boulders in the floor. There are several short climbs between these that will probably be the way on. Also there were a couple of passages going up towards the surface.

The pitch still needs enlarging and making safe, then exploration can continue, and a survey done.

28/3/2018. Bill W + Newcomer Phil. - Just happy to return!
after 10 years away.

27/3 18 #3234 TORBEN R., JAMES



(B) There may be a weak draught, but we were stuck on a day with not much chance of draught.

(C) A 2m slope down just E of stn 17-05.27 leads to 28m of horizontal passage. (BATCH 18-07)

(D) A 2m climb up at stn 17-05.41 ~~to the~~, getting to the same level as the N leading passage, there is a SW heading crawl. After 4m the floor drops away, and you can see down a west facing slope, into the main passage. Voice and light connection confirm that it continues to the entrance seen from stn 17-05.33, about 4m up the wall. (See 31/3/18)

(E) The shaft was dropped. 12m down it splits,

⑦



closed entrance of soil or vegetation. Large boulder fall
in to dig site. This was reduced in size with hammer
& chisel. A return is plumped to snapper boulder &
continue dig in floor. *WJF* ✓

1298 Selidesuto - 29/3/2018 Juan, Peter Smith, Phil Papard
Took 2 lengths of Scaffolding pole, clips, wood etc up to
entrance along with capping gear & rope. Made safe top of
pitch with scaffolding etc, & capped out tight section.
Phil & Pete went down to check out chamber & push leads.
No easy way on found & with only a little draught -
on a cool day (13°C) the best place to dig could
not be identified. Will return on a good draughting day
to check out. Cave surveyed.

20/3/18 Shanti Town Dig 2090

Boulder from yesterday capped & removed.
Easy digging in floor. However boulders on right
& left will require stowing. Need to return over
summer hot day to enable draft to be followed
Cormans, Phil P, Peter & Andy.

30/3/2018 603 Near the bar pot

Big Stan, Jim Davies

Dug out the floor of the construction to enter small chamber with
water in the floor. Tight meandering passage leads off for 10m.
Draught possibly from floor but draughting strongly in. Very cold

Friday, 30th March 2018

While the others were finding glory down 4669, Juan wandered off to investigate a hole James had seen earlier. (New site 4681; 30T 451944, 4794766). A 15 minute dig revealed a tight pitch of about 4m. Not all the base can be seen.

About 80m to the southwest is a large, 7m deep, walk-down depression with possible digs at the base of a curved scar. (New site 4682; 30T 451865, 4794718)

Also photos of Sima Roca entrance, 0053 and 4671

30-MAR-2018. 4669. JAMES CARLISLE, BILL NIX,
PHIL GILLESPIE, JUAN.

Went to continue Juan and James' drone lead. Took the extra ladders and James got to the bottom, 3 pitches in total. Collected botting kit and SRT gear. Pitches now belted, total descent 25m. Horizontal passage reached. 'Upstream' not explored as time did not permit, but downstream was surveyed to the next pitch. This was dropped, but wasn't the way on. A side passage and roof level was explored and the latter proved to be the way on. An ~~est~~ estimated 100ft pitch ~~was~~ reached and is drafting well.

Very exciting!!

Surveyed $L = 61 - 6m$ (incl. est. out. pitch)
 $d = 42m$

30-Mar-2018 0077, Rascavieja, Raoul Hidalgo Chorman
Lloyd Cawthorne, Tom Davidson

Looked at the 7m pitch that hadn't been ~~looked~~ gone down. It leads to a crawl up that joins back to the main ~~pitch~~ passage but higher up, & didn't seem like there were easy climbs down to join. Not too exciting. See fig 1. overleaf for ~~diag~~ annotated survey. (Raoul fell over MAAAA!!!)
Saw 2 bats

30/3/18 0071 Mostago Lloyd C.

Rigged entrance pitch for future adventures.



fig 1



0071

0071. Mostaig Phill (Dizzy) Gilliespie, ^{The other} Bill (N.) 31st March 2018.
 Short trip down as far as low Gravel and Sand Saverze.
 A Bit to tight for BN, (Had to dig out 10 years ago to
 allow passage!) May consider returning to dig out to
 more passable size on future visit! (- if appropriate).
 Took a few photos, before around nice slabs/formations.
 returned & exited. Photos also taken on Travese.
 [Original Plan was photo'se pushing ahead.] ✓

71 - Mors tagu - 31/3/18
Llogd & Rooul

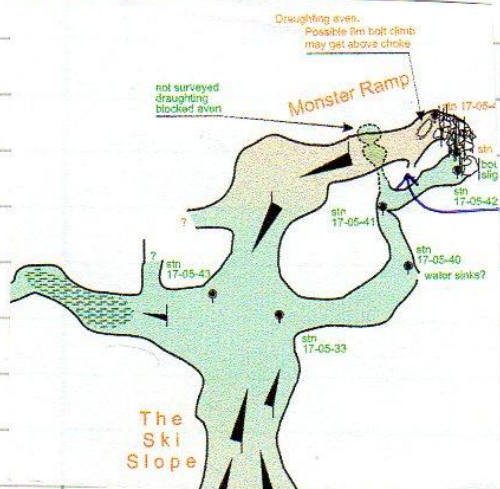
Went down Golden Vord after fitting new sp.H.

Tried to find connection to MUSC - saves east but
did not have survey to know where to push.
Got to rigged traverse A9-88 on survey.

Most importantly, towards the end of
our trip, we found a soul in
distress. This poor poor Cantabrian had
managed to fall upwards of 25m & get still
survive. So, hero of the day: Llogd W Canthone,
put this little dement-in-distress in his oversuit
pocket & prossucked. Prossucked as if it
were a life or death situation, because it
was. Our amphibian friend can now sleep
easy tonight thanks to another outing of
the M.E.F.R.S (Morsjo emergency fog rescue
service).

Llogd

3/3/18 #3234 Torben R, Peter E, Casner



4m climb (3 bolts) for horizontal passage to a p10. At the bottom there is passage towards NE and SW. (See description from 28/3/18)

64m surveyed (batch 18-08)

Torben R.

~~Brana Cueva del 105 - Footles, 31/03/2018~~

1/04/18 1017 - Soek's Lleyd C, Paul & Tom D

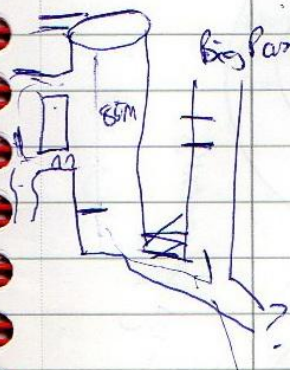
Digging tip, cleared as much as possible, too tight to small to fit in to see of it the rest is large enough. Needs capping.

Lleyd

1/4/18 #3234 Torben R, Peter E, Casner
Napoleon passage. A c4 leads to horizontal passage. Currently a rope left on natural just as a handline. In ~~place~~ the beginning follows the 4m high canyon in the sep. There it is walking
→ continue

Site 4669 - Bill N., Dizzy Gilliespie, James C. 1st April 2018.

FOBS.



Big Passage.

A Second trip to this interesting shaft.
See below.

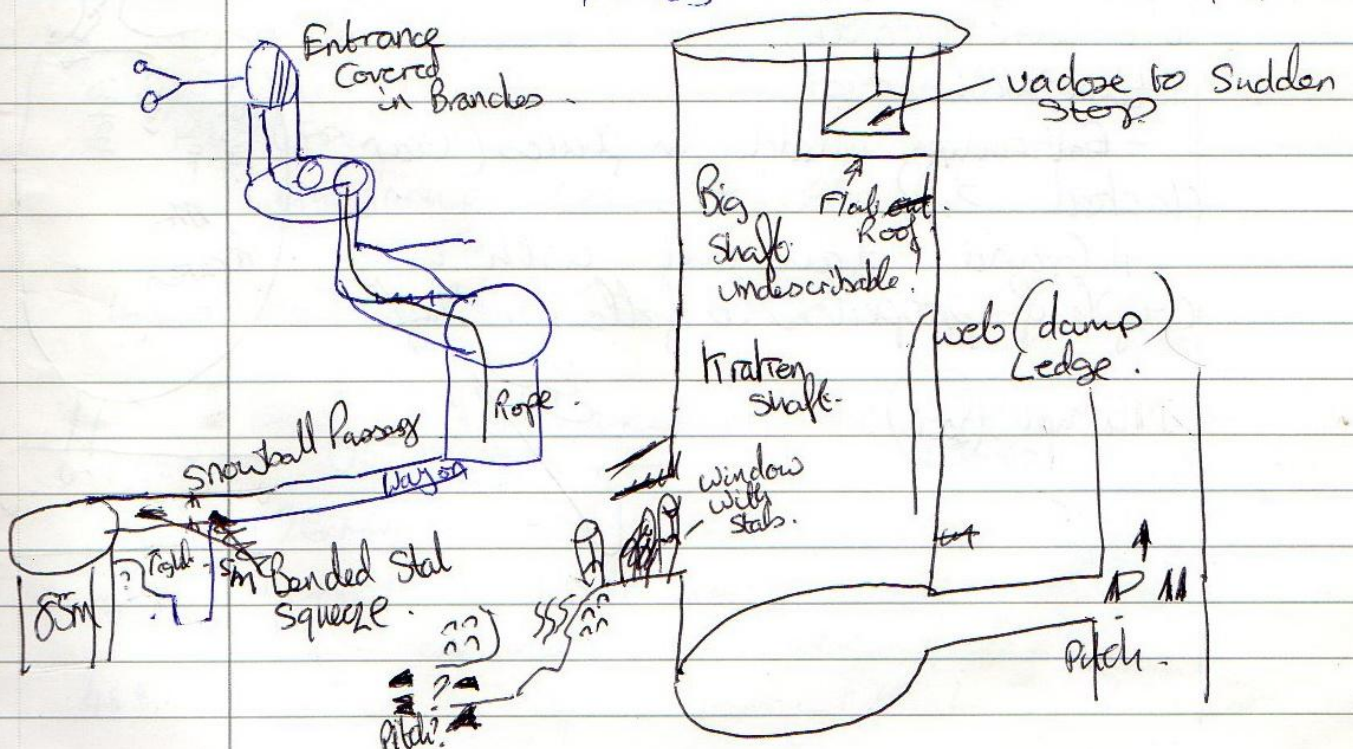
Y4 B #3234 CONTINUED

rose and later crawling before it pops and in a 3m wide passage (battleship tower). Towards E it chokes. Towards W a passage up S and then W also chokes. Straight W there is a 12m drop and a continuation across the shaft.

BATCH 3234-18-09, 170m

Taken R.

Site 4669 - Bill N., Dizzy Gilliespie, James Carlise. 1/04/2018



James C
Phil G
Bill N
Site 4669.

1/4/2018

Descends 3 shafts to a pleasant chamber. A very short crawl into Snowball passage leads to a canyon & pitch to dead end. carrying on over top through Bended Steel Snow leads to 85m Pitch (longer rope required.)

Sunday 1/4/2018 (No Jota)

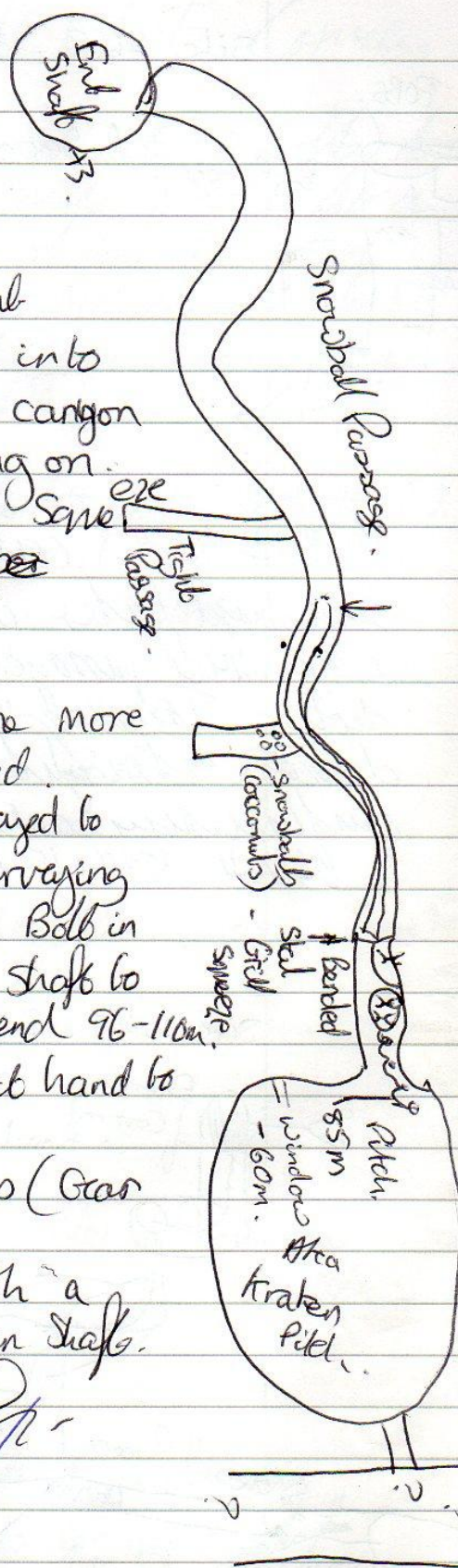
We reorganised Ent Shaft. one more rebelay below first pitch required.

Descend to shaft Bottom & resurveyed to link up with original. More Surveying along ^{snowball} passage to 3 from end Bolt in Kraken Shaft. Br Descended shaft to 85m ^{75m} rope to short. recommend 96-110m to be sure. No other rope close at hand to return with.

- Extremely muddy in places (Gear clacked up.)

A Grand day out with a couple of prospects to follow in shaft.

I'll be back! (Soon)



Sunday, 1st April 2018

Juan & Penny starting the water trace from Alisas. Visited the sinks at 1969, 2035 (photo), 2036, 2037 (photos). Not a huge amount of water at any, but putting the OBA into the steady trickle dropping into 2035 (after more rain) would appear to be the best approach.

Control detectors put into La Riega (0551) stream (at the bridge), Fuente Aguanaz (0713) (photo), downstream of Wild Mare (0767) (first tree upstream of the bridge, and in Comellantes resurgence (0040). Video of Subphone entrance (4536).

For the last resurgence, Christine and Mattias came along.

0105

Sat 31st Mar. + Sun 1st Apr.
Footley, Alistair Smith, Dipen Patel.

A couple of days looking around the North end of Grey Rift just before start of Double Barrel passage. Found open unexplored passage to chambers with mud formations. Dig at end stopped at uphill into loose boulders. Areas with water falling look like possible bolt climb prospects up to same level as Ulanio. Then surveyed all finds plus wet route of Double Barrel to point of very wet bedding. Videos of squallor made.

25 March Sunday. Caves cam.

@ 447554 4795325 shaft under 2 PAVES

4683 with from Kibosha there is a further shaft

↑ 425 shaft a few meters to the east of PAVES
(found since BT PAVES - 2 pressure cones;
full pressure 155 25A/25B.

4684 447525 4795366 same shaft 25c ↑ 440

4685 @ site 3759 there is a tube with 4m west of 3759
(25d) 447580/4795410 ↑ 422

26 March Monday Air/cams.

4686 447331 4796188 shaft in loose boulders (above area) ↑ 313

26 March Monday Full Parker/Nice E

4687 447611 4796332 same shaft looking high (26a)
267 ↑

W
223

↑ 240

4688

447573 4796309 266 circular Depression to S deep

128
27 MARUN

AF CUMIS NIGER RIV

↑ 94

4689

447073 4801577 (27a) 8m long narrow cave,
SITE 30m UNDEE NOW COVERED BY MIXTURE OF STONE
SLABS BARS IN WIDE STONE HAVE FRESH DEATH (28)

944

↑ 172

4690

445601 4800688 (28a) NARROW RIF IN 3m circular

DRUMS

↑ 141

4691

445798 4800710 (28b) SWIFT UNCOVERED BY FRESH
WORK BY J.W. OF TUNIS
WOULD NEED TO CAPPING TO ENTER. RIF NARROW PASS
WAY DOWN WOULD ALSO PROBABLY NEED CAPPING.

↑ 137

4692

445862 4800710 DEPRESSION WITH SHAR ROCK FACE
CONTAINING 2 SHAR TUBES
BASE OF FACE HAS POSSIBLE DISC (28c)

29 MARUN AF CUMIS NIGER RIV.

4693

446263 4801063 (29a) DARKNESS NO WATER 2m
UNDERST IN CUFF FACE. ↑ 144

4694

446395 4801265 (29b) 3m Long Subal. CLEVER
Below South rock face. ↑ 136

4720

NOCS 415

(29c) Subal. NOSE TO TOTAL RIV 1.5m

Born NOCS 446230

4721

NOCS 415

4801272 (29d) STEEP Subal. RIF TOO NARROW

WOULD CAPPING 4m DEPTH.

↑ 105

4695

446237 4801321 (29e) "CUMIS RAY CAVE" A FOSSIL
REMAINS ~~BEHIND~~ ABOVE 40m LONG BY 3-5m WIDE
2m x 10m. SHOWS BRANCH TO LEFT, ~~NO~~ NO PROSPECTS
'SPARK' IN / CUMIS RAY CAVE. WOULD HAVE BEEN A GOOD
TO LIVE / STEEP IN WORK CHECKING FOR ARCHAEOLOGY.

4697 446225 4801320 29F RANGUEEN FEEL
NO WATER 1m x 2m x 1.5. ↑ 104

4698 446120 4801248 29g 5m deep rift can shift under
cliff ↑ 109

SITE 3422 STILL EXISTS DESPITE LOGGING CANALS ARE
AROUND -

30m above pull rope across AF

4699 446025 4800906 30a 2 x 1.7m deep sinkholes
30m down valley is another 1m deep sinkhole ↑ 151m
446039, 4800930 ↑ 145m

4699 446088 4800917 30b LONG SHAF BEHIND CLIFF 9m
DEEP TO BORDERED FURTHER WITH A SUBSIDY DRAGGING AF
AT NORTHERN END. AT OTHER END A NARROW DRAGGING RIFT
NEEDS CARRYING TO GET TO WHERE STONES FALL A FEW FEET

29g ABOVE REVISITED WAY ON IS A DRAGGING DO IN FLOOR

30th ABOVE AF CLIFF

30b AFTER ONLY 4 BOWS TO AF'S "NEW" CLIFF THE
TIP BREAKS OFF AFTER FRATTENING THE DRILL BAST
MORE CARRYING STILL REQUIRED TO PRECISES

~~30th ABOVE~~ 01 ABOVE AF CLIFF

BUILT TO 30b MORE CARRYING GOT AF DOWN A 9m drop. MORE
CARRYING NEEDED TO GET INTO TOP OF ANOTHER 4-SUBSIDY DRAGGING.
ON THE WAY OUT A BOWDEN CAME OUT OF THE SECOND
PITCH WAY (FLOOR OF EAST SHAF) MISSING AF
BUT TESTING LADDER + BEATH. AF SWEARS HE DIDN'T
STAND ON IT!

4702 01 APRIL RUN / NOE.
0445625 4800770 (282) ↑ 155

4703 0445613 4800767 (282) ↑ 156

4704 0445588 4800784 Old ^{↑ 140} DEEP Description to Present

4705 0445565 4800780 Old 2~ DEEP SHAW HOLES
WITH TWIN SHAWTS IN AREA SEVERAL IN DEEP ↑ 151

4706 445588, 4800785 ⁷⁹¹⁴ Old 10m N of Old 1m x 0.4 1m deep
HOLE IN FLOOR CONTINUES ↑ 149

4707 0445302 4800955 Old BIG DEPRESSION WITH AROUND 10
4m DEEP 2m WIDE DEPRESSION TO PRESENT ↑ 152

4708 0445536 4800844 Old DOUBLE SHAWTS WITH
SOUTHERN ONE WITH 1m DEEP SIFT. ↑ 137

4709 0445565 4800834 Old DOUBLE SHAWTS EXTRA SHAWTS
WAS 2 SHAW HOLES 1 DRAINAGE ↑ 137

4618 EXPOSED WOOD IN BOTTOM WOODS NEED CAPS
SPW (+ SHAWTS WOULD BE USEFUL) TO PROGRESS.

MOST OF THE PREVIOUS DAYS REPORTS ARE FROM 2 LARGE
CLEARED AREAS BEHIND + TO THE WEST OF AQUANAZ
FORESTWORK IS ONGOING NOW. LOTS OF BRUSH ON
GROUND WILL OBSCURE SHAWTS HOLES. WORK USING
IF ITS BURNED OFF. LOTS OF TICKS ABOUT HERE TOO.

CMS.C.

4022

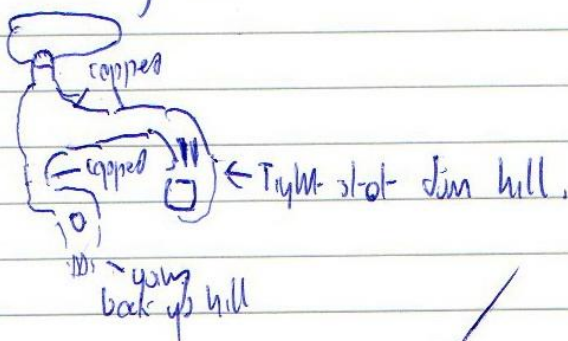
Alex R. & Phil Pappard

2/4/18

A strayley dropting hole that I wanted to come back to. The way in is blocked by a boulder at the bottom of an upward slope. The dropt was on and off, cold, but it could not

We began by attacking the passage leading up to it but this proved too difficult. ~~several~~ ^{decide} ~~cap~~ ^{if it was} made the first section easy going but a lot more work would be required. ^{coming} ^{or going.}

We attacked a small hole in the entrance and made it Alex sized but after squirming my way in I could not find a way on so we called it a day.



0383 FUENTE DELA ESCOBAR

2/4/18

DP & SI

WENT ON TO PASS THE PREVIOUS CONSTRUCTION TO DO ALL TOO SHORT CONTINUATION, THE WATER COMING FROM STRAIGHTEN FLOWING OVERLAPING TOO TIGHT GOUR. A PASSAGE TO THE RIGHT CLOSED UP IMMEDIATELY. ANOTHER RESONANTIC FIRST TRIP!!

ANOTHER DIGGING TRIP WILL SHOW IF THIS IS WORTH PERSUING.

3/4/2018 - Patrick + Tom. - S. Vega walk

Rediscovered(!!) 0242 (Tablons), 2290, 3679 & Further

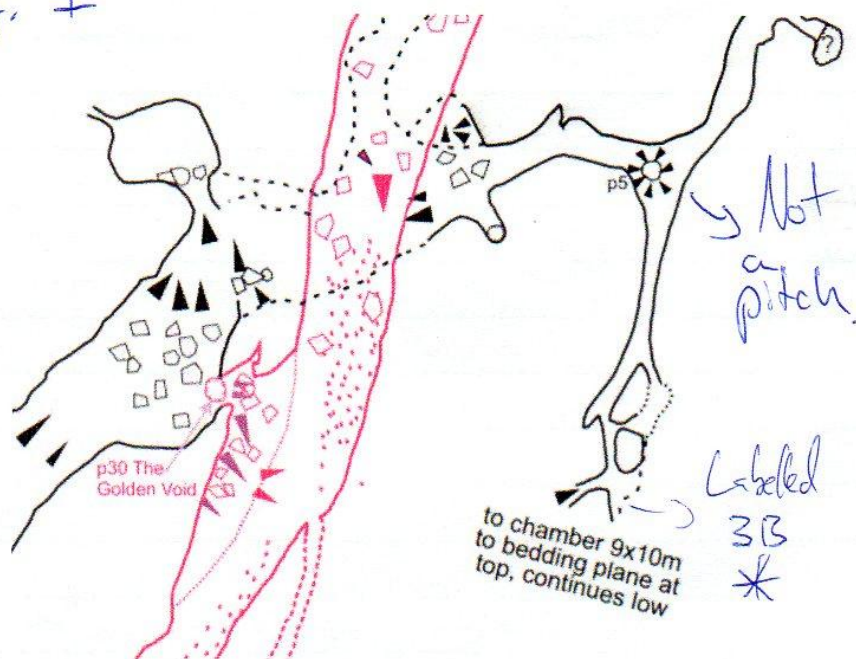
0339, 0331, 1879

2290 - (small resurgence above Tablons (0242)) is on ca. 1m thick sandstone bed @ 350m alt. ie -100m vertical rel. to 4669.

02/04/18 Raul Hidalgo Choman, Lloyd Cauthorne + Tom Davison
 We returned to golden void, this time equipped with a survey.
 Unfortunately Tom decided the second crawl was not big enough so
 Lloyd & I (Raul) pushed onward while ~~he~~ Tom ventured back.

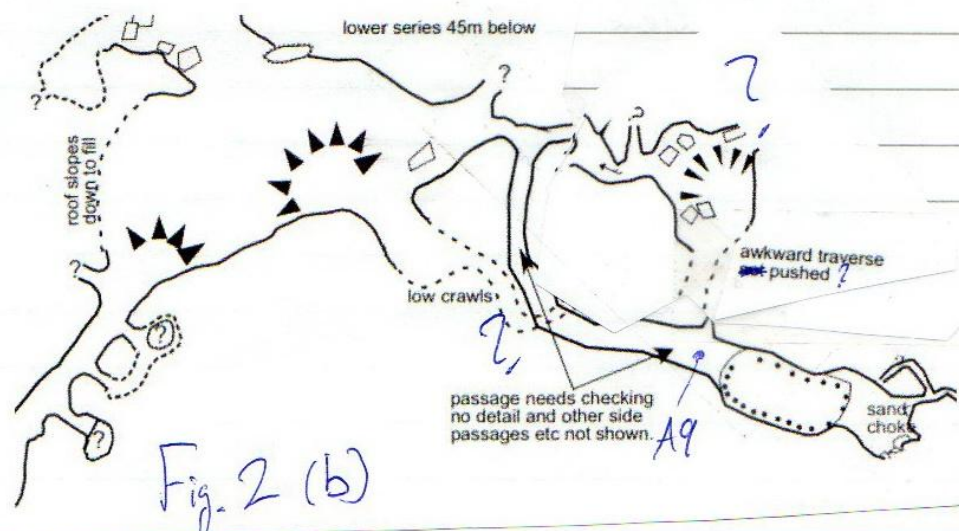
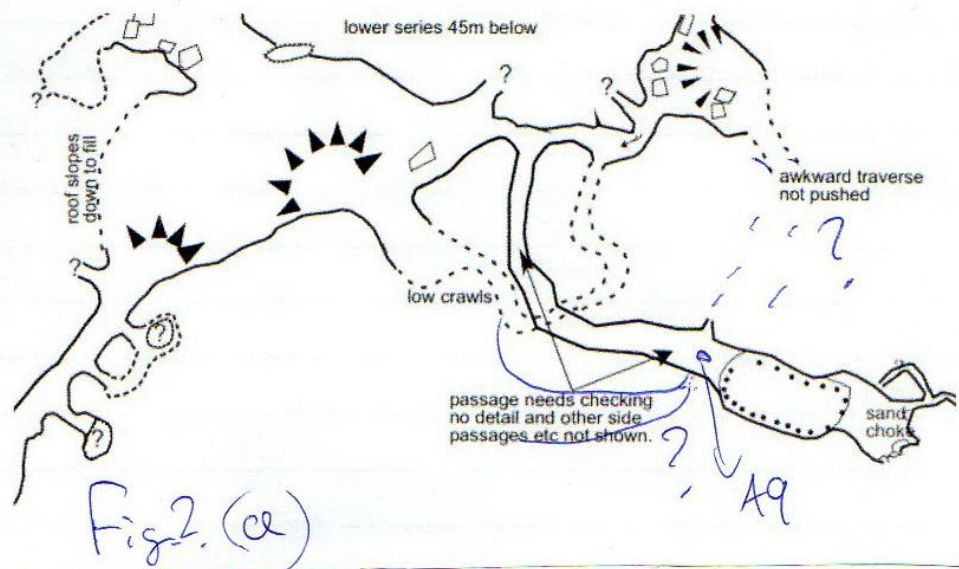
Having a vague idea of where we going from figuring out
 where we were in our previous hike we pushed towards the
 old traverse we found last time. It's worth noting that
 the survey for the area labelled stations p1, p2 etc. so there are
 several pitches ~~on~~ the survey that aren't there, see fig 1

Fig. 1

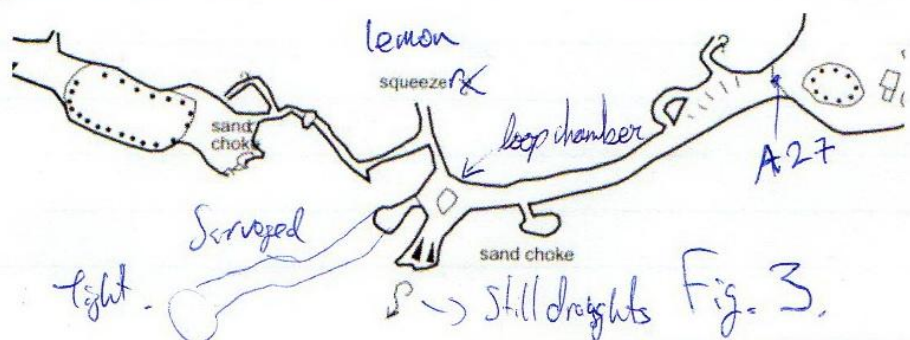


Getting towards the traverse, we were still somewhat confused
 by the survey, as there many passages that loop back on
 themselves, as well as additional passage that don't appear to
 be on the survey. See fig 2a & 2b, for ~~some~~ what we think
 might be going on.

We then got to the loop & confused ourselves, forgetting
 which way we came, & deciding not to go down the big
 easy passage, which was the right way, & went down some

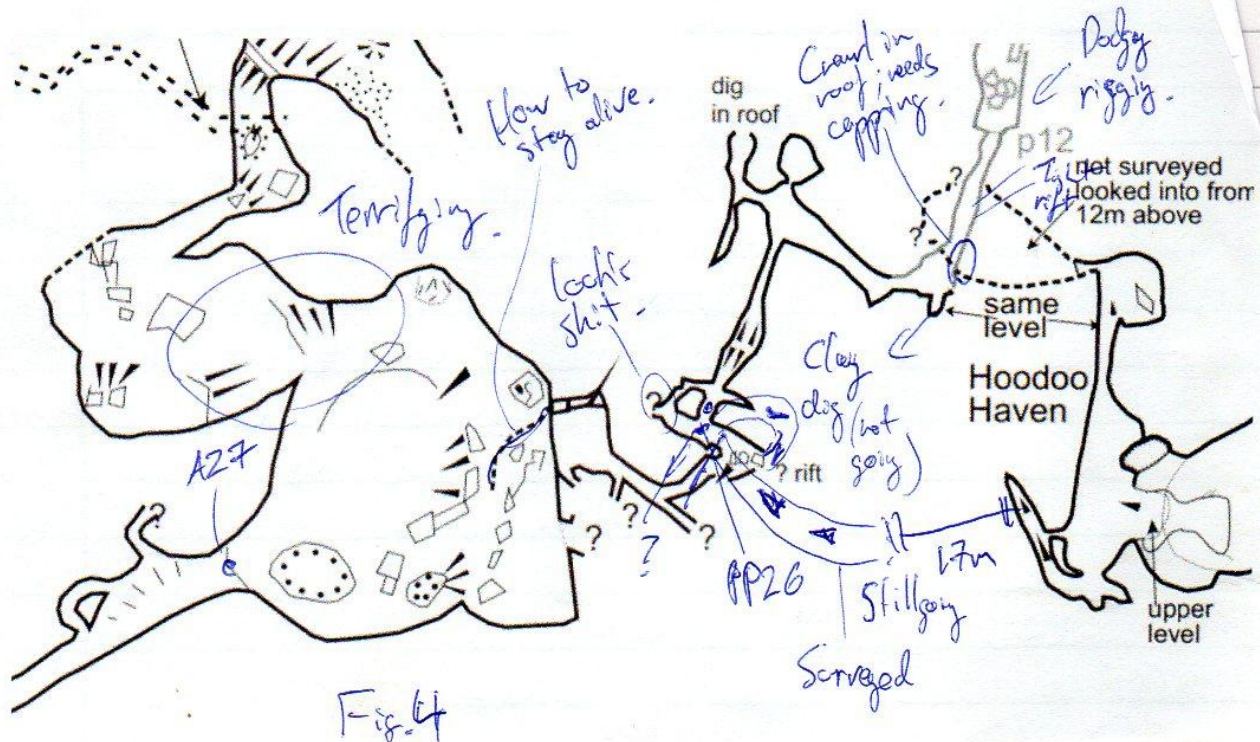


fairly tight unsurveyed passage. Eventually we realised it was the wrong way but surveyed it up to a particularly tight bit, which did look like it was travelled. The question: squeeze just before the loop chamber is also far too small for a person. See fig 3.



We eventually realized where we were & continued the right way, pushing towards where we might break into MSC stuff. Lloyd looked at one question mark that was a clay dig but unfortunately didn't go, while I went down the pitch further on which was pretty sketch. Definitely needs a spit or something there. There's then some pretty exposed clambering, which I wasn't happy doing on my own, Lloyd having not been keen on the pitch.

So we turned around, looking at the ? marks on the survey. Lloyd found a ~~so~~ climb towards the roof, but is blocked with a rock that might need capping. We then looked at another ? that went up into a chamber that appears to have 3 ways to continue. While one didn't go, passages to the south-west, & south east did, as east is where we were hoping to go we surveyed that up to a certain point, the passage starting to go more east. Both passages were ~~r~~ clambery & full of very loose rock but definitely need further pushing. ~~Unfortunately it was getting late so we Dec fig 4 for various annotations~~



Unfortunately it was getting late so we started to head out. This had the fun of Lloyd realizing towards the end of the traverse that he had actually been using the bags donkey dick as a container. We managed to get to the bottom of the entrance pitch at 5 mins before callout, where Lloyd found a salamander which he insisted on including a picture of. See fig 5 for this.



Fig. 5

By Raoul, age 22.6

gx.

4696

~~02/04/18~~

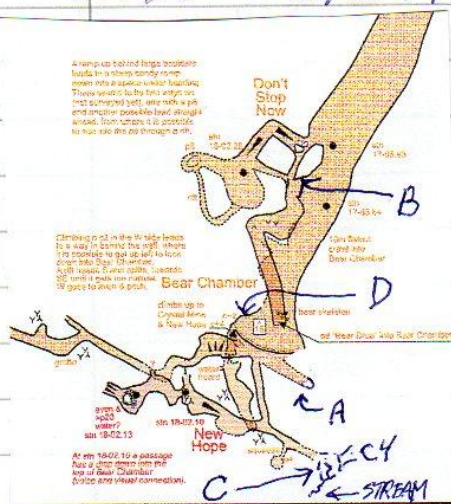
02/04/18 Tom Davison

I went back, with GPS tracking on my phone this time, to look at an entrance I found on the 31st of March - a 0.5×1 m entrance to a 2-3 m shaft which looks like it could continue to the East, located on the South side of El Naso at ≈ 460 m. The entrance is currently covered with brambles + Hawthorne, so needs some pruning before descending.

#3234

3/4 2008

Torben R, Peter E, Cammer



A: Crawling along the rock ridge to the end, there seems not to be a way on.

B: There is a higher passage (Sube heading E). The way up is so steep, the rope ~~is~~

over the rock arch, and jumar up. There is now a hold about 1 m above the arch. We did not push more, as more bolting would be needed.

C: The narrow rift heading E ends at a P3 which can be down climbed. At the bottom there is a small stream flowing from SW and heading NW. Towards NE there is a C4 (need bolts) and possible passage.

D: Under the bedding a 8 m crawl leads to a dig (Hammer, crowbar, maple mallet).

~~Battle~~ Battleship Down:

The P12 was dropped. There is no draught, a rift down may continue.

Above the P12 a traverse (4 bolts) leads to a Ø 3 m chamber/passage with a lot of helictites, but no way on. The roof is clothed with boulders.

Napoleon:

Around 10 m into the passage (after the climb) there are strong draughting holes in the south wall (Too small!).

Torben

3

4669

(25)

11/4/18: Dome Pot, Alex R, Dr Arthur, Si Cornhill, Jane C

Went to drop the big pitch. On the way, Simon checked my bolt placement and swapped out the premier (too short) 7.5m rope with a longer 120m rope. After this, I descended the pitch, ~~which was huge~~ which soon belled out into a very impressive shaft with passages at every level, ~~the~~ Thomas. Like an elevator, it was important to get off at the correct floor!

At the bottom, ~~the~~ several holes all led down to a further shaft series. The first of these was a pitch down a rift of about 15m, followed by another pitch of 35m on a fine shaft. Horizontal passage I bel off at the bottom following a small stream to a chamber. Following the water was too bright and over the top ~~was~~ led to a too bright passage under stairs.

We ~~passed~~ passed out ~~back~~ back to the bottom of the big pitch and Si continued ~~out~~ up to the ~~horizontal~~ shaft passage that Bill Nix had swung into about 15m up off the deck. He tied off a rope and bolted it down so that the rest of us could join him. A passage to the right led off to the right that needs bolts to enter. Ahead and down is a pitch. Left is a point the bolt climb up into a house-stead passage. We didn't have time to pursue these.

On the way out we noticed a shockingly big trunk passage on the second floor of the rift shaft. Dr sent a spray 11/2 m ~~to~~ horizontally along one of these passages.

The upstroke out was quite scary!

porch passage and cover let
enough

NOT TO SCALE

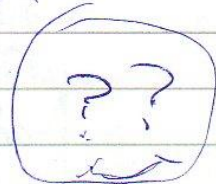
P

BIG
SPACE

"Menswear"
Mr Humphries floor...

Second floor. Are you free?

~~Don't know~~



80m
pith

First
floor

Second floor carpets,
capping mats, travel goods
and bedding
"His and Hers" material, soft
furnishings
Restaurants and teas
going down

↓ pith
to Mrs Slocombe's pussy

pith bottom.

Don't worry if the
sleeves are too long,
you'll find they'll ride
up with wear.

First floor telephones
gent's ready made suits
shirts socks ties and hats
underwear and shoes
cloing up ↑ going up

15m
pith.

34
m pith.

Ground Floor
Perfumery
Stationary & leather goods
Wigs & Haberdashery
Kitchen wear and food
Going up ↑

Captain Peacock's level

Small
Shut passage

PLS 377

(27)

2nd April - Julie B., Andy Q., Pete S. (Team La Via)
- West of Cruz Usano

1. 0824: 12m SHAFT ^{PHOTO} Down TO FLAT BO-OMER FLOOR
no obvious way on, DRAINAGE WATER DISAPPEARS THROUGH ^{down} GROUND.
- 4710 photo 2. 452639 4794026 - 4m crawl over earth floor to small hole. ↑ 482
3. 0822: 5m entrance shaft continues in a second drop of about 10m. ^{photo}
4. 0823: "of little speleological interest"

4711 photo 5. 453077 4794065: Small hole BETWEEN blocks of LIMESTONE 10m PIT to small rift. 8m continuation of PITCH REMAINS UNDESCENDED. ✓

April 4th, 2018 - Ferret & Amata (Entomology)

3721 (Lenny's) & 0288 (Bodegas)

- Set 4 pitfall traps in 3721 throughout cave (entrance, spiderman's, near 3 amigos, and towards back)

- Collected centipede, beetle, and a few spiders in 3721

- Collected a weasel from 0288

Ferret will submit a full report. ✓

April 3rd, 2018 - Footleg, Ferret, Amata

0105 (Rhino), 1630 (Mad Axe Woman), 2 new sites

- No bugs collected, found 2 new holes (one spotted by Amata) ~~one~~ (other Footleg thought was trackside but when we got in det was not!) ^{both new sites on the track.}

4712 - Amata's spot, Footleg dugon abit, is a vertical squeeze, rock drop sounded ~15 ft. Did not descend as no rope. No air.

4713 - Footleg's was nice decorated and went to a dropp (40-ish ft?) Footleg downclimbed a good bit but couldn't go all way down. No air but det. worth surveying. Neat funky "waffer" soda straws. Amata has pics. ✓

Footleg is getting cooos, leave space for him :)

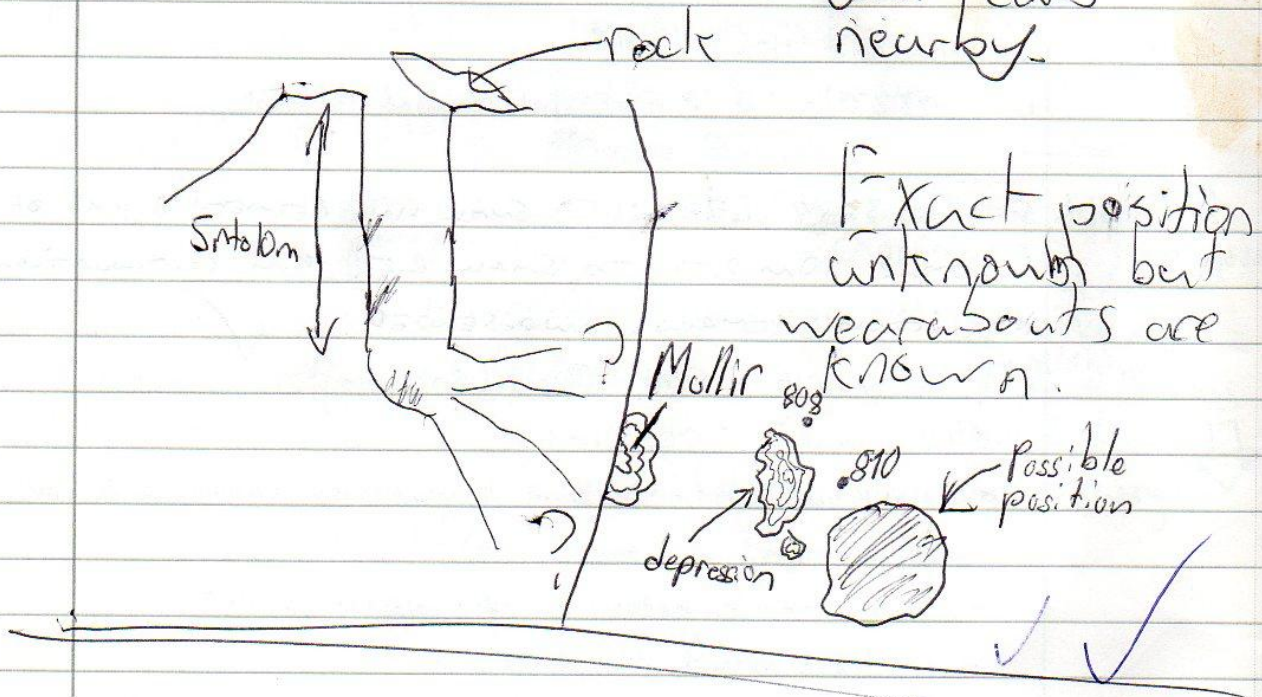
Photos & GPX track in Easter 2018 / Footleg New Sites
Folder on computer's NAS.

4th April

Tom Warren, Matthias Carpenter, Christine Ziebold.

Maybe
May be
#810.

Pitch
5 into London Mullir with possible passage
going off. May be #810, with Mild draughts
Rock above. Very moist and some plants.
Other caves nearby.



Pete Eagan, Carmen & Patrick W.

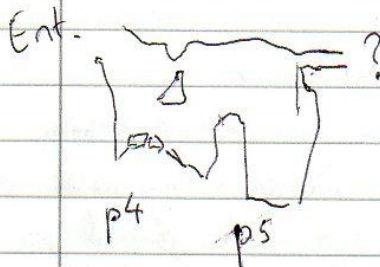
4/4/2018

Tick off w/d shafts S. vega hillside below TV mast

3679 - fenced shaft.
4m - checked ~~OK~~ - no draft

4714
Unrecorded #1 - Below Barn Pit,
Drone?

30T 452302
479 4875



p4 rigged off tree & checked ^{below} but
slide into short passage leads to 3m
climb up onto platform over-looking 5m
pitch into decent size chamber
p5 is checked blind at base (maybe checked)
but small pool here.

(Unrecorded #1 Below Barn Pot - cont.)

Possible way on is crawl across 5m pitch, on top of 1m thick sandstone bed - maybe small draft. Would require 2-3 bolts to protect traverse. Much cave coral on walls around top p5. Short, but nice to find! ✓

Unrecorded #2 30T 452475 4794733
4715 Fenced linear rift 4m long, climb down at W. end - under skylight at E. end. Solid limestone but choked. - no draft. ↑ 440 ✓

Between #1 & #2 is fenced heavily vegetated ~~possible~~ undescended hole, would require gardening (implements). → secateurs

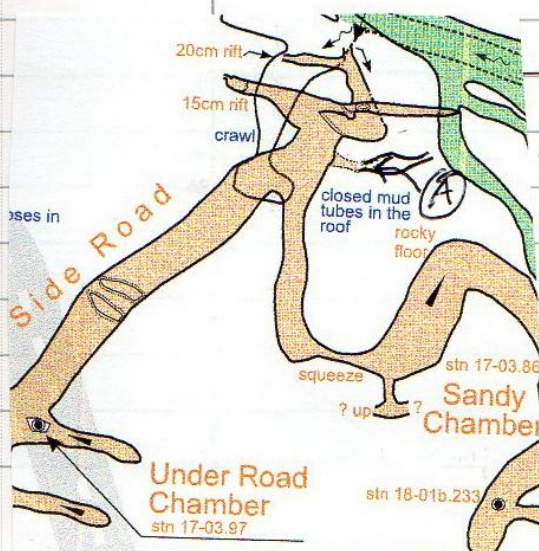
Area around 3933 very large # of ents, close together & rather confusing. ✓

3673 - recorded as old 3m shaft just above fence - choked / too light at -2m. - no draft ✓

3672 - vegetated, fenced hole - 4m to choked - no draft ~~see~~ ✓

3671 - attractive rift - 4m to ~~solid~~ - choked - no draft ✓

END.



3234 4/4 2018

Torrey, Louise, Karen, Marie
Got all the way into Ali Chambers
with lifeline only in the entrance.
Dig at (A) hammered and got a 1x4m
rift that is only 10cm wide at the
E. end.
Pictures + Movie Taken

4/4/18

Juan & Penny collected OBA detectors. (Controls)

Results

0551 La Riega	0713 Fuente Aguanaz	0767 Wild Mare	0040 Comellantes
-ve	-ve	-ve	-ve

OO 7 1 - Mostafá, 4/4/18
Lloyd C, Rowal H.C.

This failure of a trip took two attempts.
The first ended with us discovering a farmer's
controlled fire had burnt our rope!!

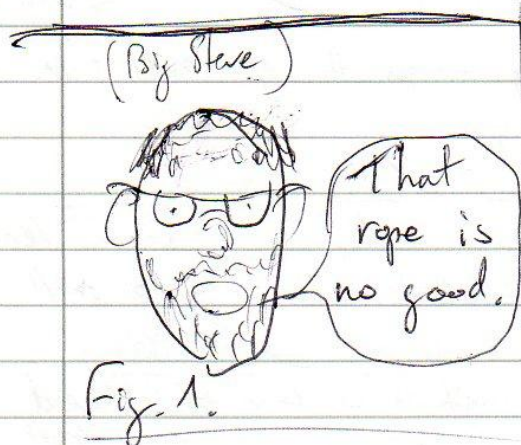


Fig. 1.

pitch.

This rope was promptly
binned by Big Steve.
(see figure 1.)
We re-gathered &
re-rigged the entrance

On the second attempt we found the
cave to be thoroughly smoked; visibility
was poor.

We persevered to the Golden Void. Lloyd
descended this pitch & Rowal did not;

instead he got tangled at the top, had a moment, then declared he wanted to go home - so we did.

the visibility (fair) was considerably better on exit, although still rather B.B.Q.-ish.

On departure the M.E.F.R.S. were called upon once more, this time to save a newt (see figure 2). This fire-bellied

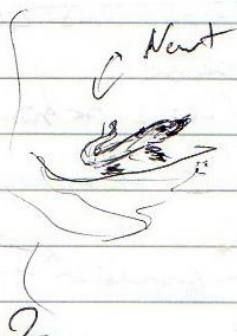


Fig. 2.

fellow was obviously royalty amongst ~~amphibians~~ amphibians. He was very grateful to be

freed from his rocky enclosure, & even more thankful to be left on a suitably shady rock with some water (some fresh any from the advance!). He then granted us 3 wishes, in true magical creature style

he granted us a wish. Next time, if we find cavers measureless, we'll see if he really was a prince amongst frogs.

Llegally 28 1/2 ✓

04/04/18 - Surface bumble on South side El Niseo

Tom Davison

(4718)

I found ~~an~~ an entrance to a shaft today → it's quite tight at the moment (i.e. undescendable), but with a bit of blasting would be around 0.5m round entrance that looks like it opens to a reasonably sized chamber ≈ 5m deep. ✓

~~4718~~

~~4706~~ Gaud REF connection 445588 4800794 ✓

03/04/18 Pull Pavers + NICE FORKED

0446099 4801284 Small hole at side of a small

road covered pavement of SUGARWATER ADJACENT TO HOUSE + ROAD

3m DEEP + DRAINAGE. (03a)

~~0446099~~ 446230 4801272 (03b) 3m from (22) HOLE ALONG DRAINAGE

4722

at same 2m DEEP DIG ✓

↑ 94

4720 ↑ 94

03/04/18 / outcrops

Art + cement near office in 4699 no progress. ✓

04/04/18 New + Pull

0445406 4800413 (04a) WORKED BY TOM'S SURVEILLANCE + OTHERS

UNDER ROAD WAY IN SUGARWATER WITH RUBBER

5m DEEP ROAD. ↑ 198 ✓

4723

4724

0445424 4800946 (04b) TRACKSIDE HOLE 1.2m DEEP UNDER
WATER (WATER FROM MAIN SUPPLY) DIG. ↑ 149 ✓

4725
↑ 1330445340 4800979 (old) Faint course hole large enough
to descend. Sn deep undercut at bottom all in earth.

4726 ↑ 149

0445324 4801027 (old) Rk hole in bank of track 1.5m
deep to snail to get into 0.3m wide at bottom (cave)(old)
4707 extended by nice 2-2.5m wide Sn look 0.75m narrow
with continuation for at least 4m. Drained well first found
not today.

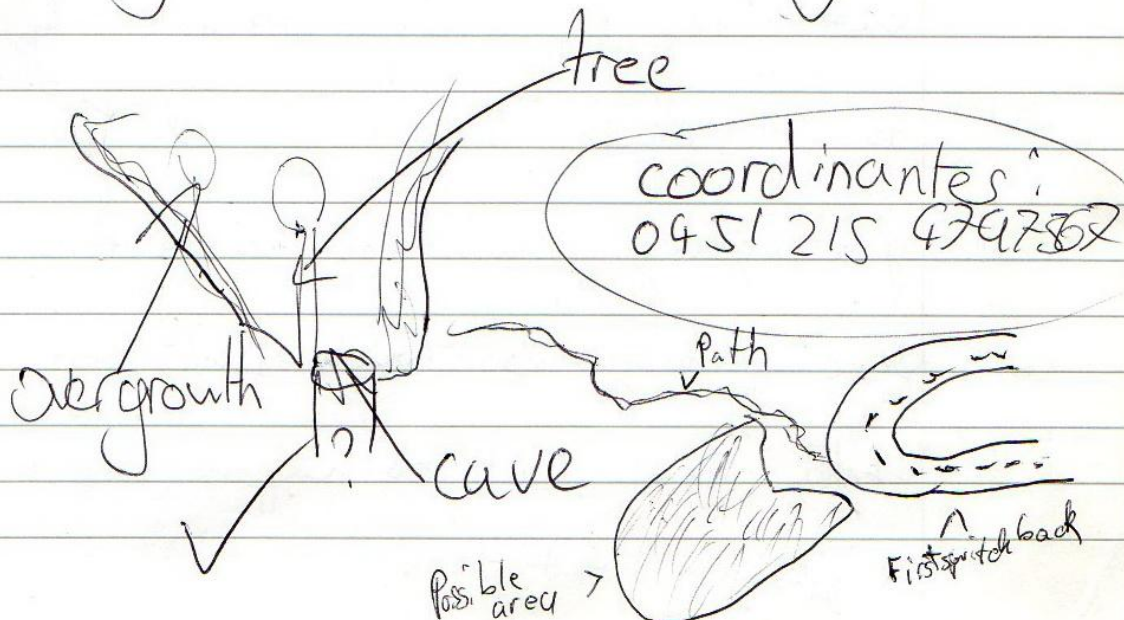
4727 ↑ 141

0445444 4800981 is west side of snakehole containing:-
(old) snail drainage hole against rock wall at
northern end. And,
(old) S end of wall good drainage drains rather away
for several m. Press worth Dumber.

4728 ↑ 133

0445371 4801034 (old) snail drainage hole over 1.5m
deep below obvious undercut higher of snakehole. ✓

4729 ↑ 250

Tom Warren, Matthias ^{Cooper}, Christine Ziebold
5/4/18Cave underneath tree in drossion
may be checked can't get close.

5/4/18 El-Moso Tom Dawson, Llyd Canthone,
Raoul Hidalgo Charman

4696 - Tom's Shift.

Three explorers took it upon themselves to learn about Tom's Shift. The journey was hot. Tom was glistening with a thin layer of sweat on his brow; Raoul had to unzip his undersuit to cope with the heat. We arrived at the shaft, it was sizeable. A couple of refreshing swigs of water later & the boys were ready, ready to get down. Llyd drilled. This ~~intert~~ first (of many) penetration was necessary to do some gardening, as Tom's shift was a bushy shift. Tom went down on his own shift, & gave it a turn.

It's girth was for cleaver after the
hesitant. Tom continued to penetrate.

Once fully enveloped, he did not know how to
continue. He'd folded 5m, in a North by -
North-Western direction the adventure may continue.

However, this would require increasing the gape, &
removing some bad rocks.

Not knowing how to proceed with the endeavor,
Tom asked his comrades for assistance, as there
was room for two. Lloyd ~~joined Tom~~
engulfed the cross. There At Tom's
side, he agreed we could not persevered
today. Reeval. flirted around the river.

1526 - Esmerelda, the ~~large~~ horse, was
enjoying a nice day out with her friends
Torgin, Casper & Bernie. They heard a
noise. "What was that?" asked Casper.

"Some covers please!" replied Targuin.
Barrie (who's hard of hearing) shrieked "Someone's
after a horse!?" "No, ~~of~~ of course -" said
Targuin. "My ~~the~~ main is rather coarse" added
Esmerelda. "Not coarse, of course" stated Targuin.
"I miss the old rare course" said Cesper.
"No, No No, there are some ~~course~~ covers
pointlessly descending a known cave that does
not go anywhere!!!" yelled Targuin. "Some other
idiots already tried in 2000 but did not
get anywhere" ~~also~~ he added. "Oh" said
Esmerelda, "how stage?" ✓

Thursday, 5th April 2018

Juan onto the Cuibija side of El Naso and took a couple of panoramas and video of the hillside which has been partly burnt-off the day before. Photo of 1604 with no surrounding vegetation. New site noted just a few metres to the southeast: 30T 450627,4796809 - this appears to be a shaft choked 4m down. (4735)

Then to site 603 in the Mushroom Field for another drone panorama and also over the Carcavuezo entrance area.

3862

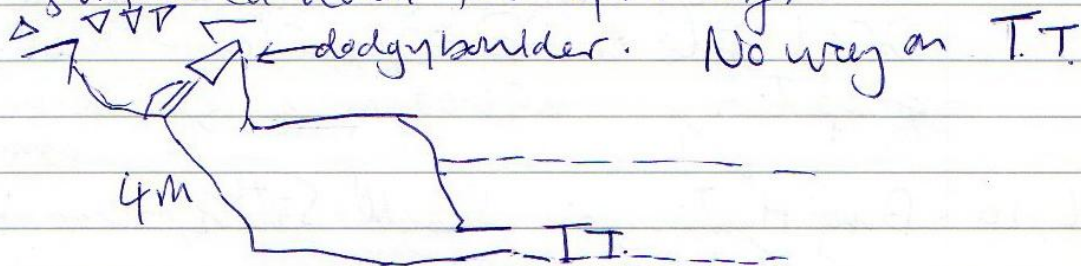
4/4/18

Felipe's Cave

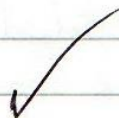
Si & Di

(37)

Boulders ~~at~~ just inside the entrance appear to have dropped. Si gently slithered down the 4m rift.



THE WHOLE ENTRANCE APPEARS READY FOR IMMINENT COLLAPSE. THE TOO TIGHT CONTINUATION LOOKS LIKE A MINUTE 'GARAGE PARTY' IN VACA BUT ABOUT 6" WIDE AND 10 m LONG.



April 5th 2018

RISCO - Ferret & Amata (Entomology), joined by Footleg, Tack, and Dipen

- Placed 4 pitfall traps, ^{spot} sampled spiders, centipedes, mayflies, etc.
- Footleg, Amata, Tack, and Dipen went to "Where are the spiders?"

Photos & video taken by Footleg & Amata

AS

4/4/18

Footleg,
Dipen,
Ali Smith

0081 Plan was to free dive sump at end of SW passage to explore Trident series. But bedding crawl on route to Eastern Series was sumped. So went into Western Series and found link to Light Frigit. Decided it was too late to attempt sump free dive so instead we tied up loose ends of resurvey. Sketched chamber at start of Western Series, sketched Light Frigit area, completed survey of 3rd Fanny passage off Afternoon Stroll and extended when Ali removed boulders

To reach chamber previously reached via Asternoon
Crawl Resurveyed this completely.

Found 3 spiders - 1 harvestman + 2 beetles for
Ferret in linking crawl between Western Series
and Light Fright. All survey data added to
0081 file in Easter 2018 0081 folder on
computer. ✓ 291.07 m suggested not sure new
amount-?

3/4/18

Bug Hunting in Small Sites near Riano
Ferret & Amala

4712
+
4713

Explored Mad Axe Woman, then along lower
track looking for Track Side cave. Failed to
find it but found 2 new sites not open
when last visited this track in 2008. Not surveyed
but GPX track from watch put in "Footleg New
Sites" folder in Easter 2018 on computer. Sites are
where we spent time underground. ✓ already written
up by armwhite

5/4/18

733 Valline Galesia de la Cisterna
Peter E, Peter O'neil, Carmen S, Dave B, Patrick
Easy trip to the man trap ① crawl then
climb down to window into pitch, rigged
from bolt in back wall (still with hanger) and
sling over flake above window.

Crawl starts a few metres above pit
bottom and zigzags to flat out (tight) crawl
to walking stepping passage. To the
left P34? ② (or survey) is 29 metres and
continues but to tight, water heard below
To the right P32 ③ is still going
and open with water seen at larger area
below. Dig at the end of G de la C ④ needs
more work with drag tray + trench tool, way
on can be seen + draught ✓

easy digging
 Dig at slope/chamber (5) ~~needs more~~
 digging possible slight draught. - can see forward 3-4m
 Unusual formations of gypsum to pass enlargement
 flowers need to be avoided as very fragile.

De-rigged and exited cave.
 large pitel needs more bolting.
 Other possible pitel beyond (2) are muddy at the top could be difficult to rig.

14

Added: - (6) = Roof tube connected back into main passage in ca 4m. - Patrick

(40)



733

(3)

(4)

BLANK

Blank

233

(42)
~~42~~

4-4-18

Pringle, Patrick (D), Big Steve + Paul (G).

→ 880 to evaluate digging - not much enthusiasm.
back to 603 to play with Patrick's "endoscope"
camera - acceptable results.

5-4-18

Pringle, Patrick (D) + Paul (G)

(2907) To 'Stink Pot' Patrick broke his camera.

Then onto 4386 Cueva del Palo de la Mesa
and 4620 21 metres to dig
and 4623 and 4615 hole at side of track
except we thought we were finding them
for the 1st time in an area of recently
cleared eucalyptus

6-4-18

Juan, Penny, Pete O'neil, Patrick (D), Pringle
+ Paul (G) returned to above to fix them
+ photograph - a day done by ~~Juan~~ Juan.
we had a go at digging 4620 bit of draught
~~but~~ but not much progress. Pick axe, wheelbarrow
+ shovel job. Photos of 4386, 4620 + 4623

Paul descended 4623 - 3m deep - choked

6-4-18 Hledz Carthorne, Raoul Hidalgo
Chavan & Tom Dawson.

Huganor blunder exploring underground shafts.

399 - 6m shaft choked. Can be rigged
from rotting tree.

3374 - 7m shaft splits ~~into~~ into two, both
choked.

Instead of setting up the largest ever
Y-hay across the road, we installed two
through bolts. ✓

New Cave (?) 450120, 479944 1

4730
↑ 270 3m shift inside of track - chaps.

Again had to install through bolts as it looked
dodgy -

Highlight of the day was Raoul falling
onto an electric fence. ✓

Photos on computer. ✓ 1 legde

Also having a wander around I found an abandoned
house with what I presume (& hope) was red paint
sprayed & smudged over the walls. I then had a look inside
a wardrobe to find a rope, a syringe & some animal
steroids (dexakipen if you're interested). What an exciting
find!!

Raoul

5/4/2018

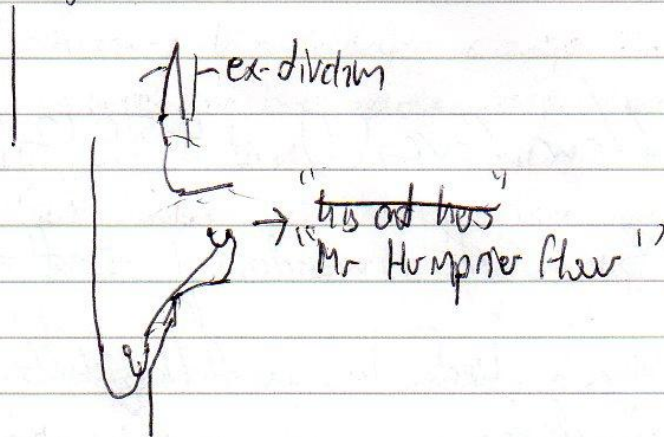
gate

Drone put

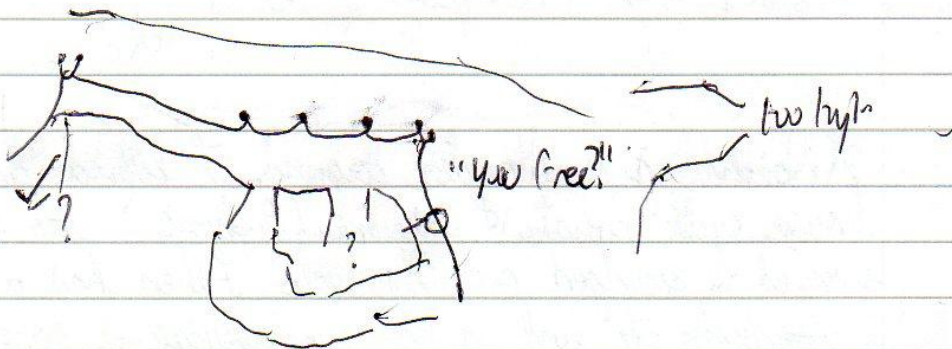
Jones Alex, Si, di "Mr Humphreys Plow"

--Our objective today was the level we noted
~~"his old hers"~~ We yet again enlisted the skills
of Si to swing into the passage.

It took Si about an hour and a half to
swing in by using a spike chisel and put in y-hairs
see below.



Once in after Si's hero work we had a choice
of route. To the right was about 20m of unentered
unfloured passage that likely drops down to "His old
Hers", so we turned left and followed the trunk
passage, which led down a slope over several
hairs until a short pitch. "You free?"



At the bottom the large passage continued -- for a short while. At an over chamber with a short passage above up a difficult climb. The climb leads to a passage that is too tight.

However at floor level a crawl leads to a small streamway in a very wide passage. This appeared that it would continue into the huge trunk passage we expected but again our hopes were dashed as the passage split into several smaller ones, one drafted.

A ruyang hammer and bicycle kicking was employed by Tower and a separate dig chamber by Alex added to the passage length but another too tight passage which needs digging with a hand blocked progress.

On going leads (known)

180°

- A passage (solid floured) to the right and at the same height as the y-hay for the 85m



Plan view

- A passage/further pitch seen 15m down, facing the pitch. At least two large passages/hole here.
- A hole to the right at "Humphrey Flar"
- A ~~on-going~~ ~~traverse~~ on the ~~opposite~~ side of the calcite ramp at "His and Hers"
- A pitch down a rift below the calcite ramp in "His and Hers"
- A possible traverse round the big short of the height at "His and Hers"
- Another small passage about 25m down the big pitch.
- A large passage about 15m down the bottom 35m pitch (possibly connects to known area at the bottom).

6/4/18

Two New Sites on Track Past Biano
Footleg, Badger, Amata, Ferret, Alisto Smith.

4712

4713

Returned to the pair of sites we found the other day to GPS, descend with a ladder and survey. Ali dropped into the first hole and found no floor. Balanced with a foot on a stal a descent was made to where the ladder could be rigged off a column, allowing the bottom to be reached. Choked with mud, but a parallel drop seen past the stal half way down has a good draught. Site 1 = Cave No. 4712, named "Edraith's Hole" Survey length = 19m (15.5m deep)

The second site on the track the other side of Trakside Cane was also explored down several climbs to a too tight rift almost blocked by calcite. Many stals with roots coming out of them. Weakly attached to roof so the slightest touch caused them to fall off. Many already on the floor. Lots of rocks falling down at every move. One narrowly mostly missed Footleg, just bouncing off his knee.

Site 2 = Cave No. 4713, named "Extra Special Pot (ESP)" Survey Length = 6.3m (20m deep)

Both sites surveys + GPS fixes put on computer with photos by Footleg + Amata. 3d file with 4 valleys on computer to show locations.

5/4/18

0252 / 0873 - Jun 1

Went to dig sand/clay out from under phreatic roof. Surprised to see the 873 corrag clearly visible!!! cut a hazel stick to fit torch to and poked it into gap - could see roof continuing. 2 hour dig - 1 metre cube removed. maybe 1 or 2 more visits.

7/4/2018 Pat D + Paul G (Jim D caught us up later). → 880 digging in floor. Down another meter. Still claggy on in but now foot ball sized boulders. Sounds hollower below. No draught ✓

7/4/2018 FENNET (JIM THOMSON), AMATA HINKLE.
REWANA, LOWER ENTRANCE. PUT IN THREE PIT-FALL TRAPS
WATER LEVEL FAULT HEATH. ✓

7/4/2018
collode
0394

Tomes and Alex

We used the new entrance I dug out last year and had a good scout around before proceeding to the main dig in the west drooling.

We took it in turn and used all available stacking space in the small chamber proceeding the dig. On my turn I broke through into flat out passage which required digging as I went. At the end there appeared to be no way on but there was a good echo.

Tome collected this for a good hour or so, now being very difficult to swap again and eventually we broke through after the usual Coriote squaller into a large over chamber. Ahead soon choked but to dig by the left wall and a further dig (easy) would continue the passage. The however prevented us from pushing this bit.

collode by passer

god bank dig required

partially dig.

break through 1

break through 2

over 15m high.

Clayish and squallor ✓

167.67

7/4/18 Si & Di : Bosque 0373

Headed down to the upstream sump. lowered the streamway - removing boulders - and hammered out some of the ceiling in the sump area, sufficiently to create an enticing duck! Donning a little neoprene (hoody!) Si went for a dip. Go-pro video failing - a couple of clips recorded. The other side revealed a 3m continuation over a sand bank going back into a shallower looking sump. possibly able to lower to create a further duck. ✓

7/4/18 7/4/18 252/673 Jim D.

Returned to continue dig under phreatic roof.
2 hr session - now ready to go. Can see nice 1.5m wide way on curving to the right (into hill) for 5m. No particular draught.

Then went to 2½ Fat Ladies to help Patrick & Paul. ✓

7-4-18

VALUÉS

TOM DAWSON, LLOYD LAWRENCE, RAOUL HE, PETER O'NEILL
Trip to finish dropping pit in marked on survey as P32
item ③ (see survey Peter Eugen attached in log book 5-4-18)
in Galeria de la cisterna.

Dropped pit in 3 sections approx 35 mtr deep, at head of 2nd pit we found a old bolt, somebody had been here before (they may have entered via small aven above 2nd pit), they hadn't moved the aven so we had decided to survey and as a result also ended up in new passage.

At the base of the pitch 3 wrap route, ~~up~~ upstream is flat out and wet, this was pushed for only 10m and could be pushed further but no great draught was evident. Down stream info followed for approx 30m until an inlet was reached with a boulder choke and a tight rift downstream continuation which was pushed by Boyd & Pete till it became too tight.

Back at the base of the pitch a uphill dry passage reaches a junction of right & left passages, right goes short distance to slippery rift over T² pitch with small on going passage beyond pitch, ~~not pushed~~ neither was pushed, but no great draught. Left passage was pushed up a climb and through a awkward squeeze by Pascal, and led to some small passage and a 4m pitch which we rigged and descended to some averse and sloping passage which choked, the choke could be pushed with use of a cow bar as it is open beyond a pinch point at the base right hand side.

A fire trap with 167-67 mtrs surveyed and pushed.

Porter ✓

8/4/18

ADDED GPS TO EARLIER FORMS FOR 4720
4721 4722 ~~THESE ARE~~ ARE AROUND A FEW
m OF EARLIER (WIND IS) course
446230 4801272

5/4/18 Pete Smith & Phil Papant
North Vega from Peña de car park - to
check out sites etc

5 April

1. 0812 449680 4795811

(new location)

2. 0819 449626 4795870

(new location, confirm description)

3. 0833 449527 4795853

(new location, first descent - Phil)

5m deep, choke, NO draught

4. 0834 449523 4795865

(new location, confirm description with
undescended 2nd pitch)

5. draughting dig 449447 4795950

4716

new - near ruined barn

6. dig 449586 4795958

4717

stones rattle down hole in shakehole
with small holly tree.

7. 0820 449646 4795889

slightly different location

8

✓

From: james lister <jimp_lister@yahoo.co.uk>
To: Juan Corrin <uzueka@aol.com>
Subject: Draft report
Date: Sun, Apr 8, 2018 1:48 am

51

Auganaz Resurgence Draft report
7 April 2018

Present: Mark Smith, Jim Lister
Broke through choke into chamber.

No way on found in the chamber, except for a tight squeeze blocked by a large boulders, access was attempted using a hammer and chisel.

Way on found at streamway level below choke, half an hour of digging enabled access to be gained to a flat out crawl in water with 4" of air space this lead to a walking size stream passage ending in a large sump.

Climb in roof joined other side of earlier attempted break trough attempt, a series of crawls and chambers lead to a Aven, this was steeply slopping and was climbed for 15+ meters till it became restricted and vertical.

Sump 2B full of organic waste possible wood pulp?
Mold strands hanging from roof.

0252 8/4/18 Jim D & Phil P.

Continued digging in sand port-filled tube, after capping our exit to make entry easy. About 40m of core ending at upward tube - looks like it will meet surface, but all snail shells etc. Needs surveying & Sub Phone to locate. Photos taken.

Needs more work with bar, hammer etc to get up tube to bigger section, draughts.

8/4/18 ~ 880 Patrick D & Paul G.

Continued digging straight down at the end sandy silt & boulders. Still no obvious draught, blind faith keeps us going. Visit from Jim D & Phil P who kindly installed a belt for hauling purposes.

8/4/18 DISC

AFTER A DELAYED START FOLLOWING A DISTURBED FOUR PDS
WE WENT TO CHECK THE LAST LEAD IN DRENOL (0035).
THE ENTRANCE LIRE WAS VIRTUALLY SUNKING THE PASSAGE!
NOT WANTING AN EARLY BOTTLE WE THEN DIVERTED
TO CHECK 1003. THERE IS NOTHING AT THIS
LOCATION OR ON THE SMALL OUTCROPS ABOVE THIS!!!

April 8th, 2018

Ferret & Amata Hinkle

Walk around Torca de Yusa area

Found pit entrance approx 1m diameter, rock drop ~5m to
tumble in soil, looks like cuts into mountain at bottom.

Needs rope or ladder to descend, between two boulders (no major
visual on surface) in tiny dip, won't see unless on top of it.

WGS84 decimal coordinates by Amata: 43.31882, -3.55590

Appears to be about 454924.4, 4796371.6 on visual translation
to EPSG 3043, but do proper conversion of WGS84 to confirm.

No cave sites listed in entire area of cave location on MCPmap,
so definitely a new site.

Just out of area by 18m

454924, 4796370

8/4/18 walk about La Secada Area to try out
Patrick's cave endoscope. Patrick D + Paul G.

First to site 1483 as recommended by Lank.

Scope showed it to be tight for 2m to a block
and even tighter just beyond it. Not a good day for draughts.

Then to 3531 - tiny little opening in corner of
two big faces at 90° to each other. Computer says could
be site 1483 but it's not. Camera GPS 43° 19' 41" N
3° 36' 01" W. No draught. V. tight & choked.

Then to ~~13528~~ 3528 - shallow shaft 43° 19' 42" N

3° 35' 58" W. No draught - no obvious ways on.

Then to ~~35~~ 1172 hole at bottom of 4m deep

Conversion via GPS Utility gives
30T 0454924 4796370

↑ 675 4731

8/4/18

shake hole. Camera revealed nothing as it failed to work! - No obvious draughts

43°19'43" N 3°35'56" W. P1 451446, 479748R
(Olympus Camera GPS)

Then passed site ¹⁵⁰⁵~~4505~~ at side of track just before exiting wood into field. Camera revealed sloping hole for 3m's to larger space. From the camera point of view the only one worth going into. Camera GPS 43°19'42" N 3°35'54" W. P2

451491, 4797450 ✓

SITE: 713 FUENTE AGUANAZ 4/10/18

PRESENT: MARK SMITH, JIM LISTER

~~Geel report~~

BROKE THROUGH CHOKER AT END OF "SPRINK JEAN" PASSAGE, INTO CHAMBER. NO WAY ON FOUND IN CHAMBER, EXCEPT FOR A TIGHT SQUEEZE BLOCKED BY LARGE BOULDERS. ACCESS WAS ATTEMPTED USING A HAMMER AND CHISEL. WAY ON FOUND AT STREAM WAY LEVEL BELOW CHOKER, 30 MINS OF DIGGING ENABLED ACCESS TO BE GAINED TO A FLAT BUT CRAWL IN WATER WITH 4" AIR SPACE THIS LEAD TO A WALKING SIZE PASSAGE IN GOOD ROCK, THE NEW STREAM WAY ENDED IN A LARGE SUMP. CLIMB IN ROOF JOINED OTHER SIDE OF EARLIER ATTEMPTED BREACH THROUGH ATTEMPT FROM CHAMBER, A SUR

72.76m survey.

WATER TRACE - ALISAS to AGUANAZ?

Sinks at sites 2037, 2036, 2035, 1969 at approx 630m altitude.

May have been previously traced to Fuente Aguanaz, the mouth of which is nearly 7km away and at 55m altitude.

Reasonable to assume that OBA should come through in 14 - 21 days?

Relative days from day zero	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Possible (moveable) April dates	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

inject 5 litres OBA at site 1969										1700																
place controls	X																									
remove controls			X																							
remove detectors												X				X			X		X					
place detectors									X		X			X		X		X		X		X				

Possible resurgences																										
0713 Aguanaz			-																							
0767 Wild Mare			-																							
0551 La Riega (Cueva Verde)			-																							
0040 Comellante			-																							

Matienzo team
Anero team

10-4-18 - 880 2½ Fat Ladies, Patrick D, Juan C, Pete O'Neil & Paul G.

Dug down a bit more + hole has now turned under to horizontal section with solid roof about 3m's down. Hollow sounding and some echo in front. No obvious draughts, but a very poor day for such things.

9-4-18

373 Cueva del Bosque - Di & Se

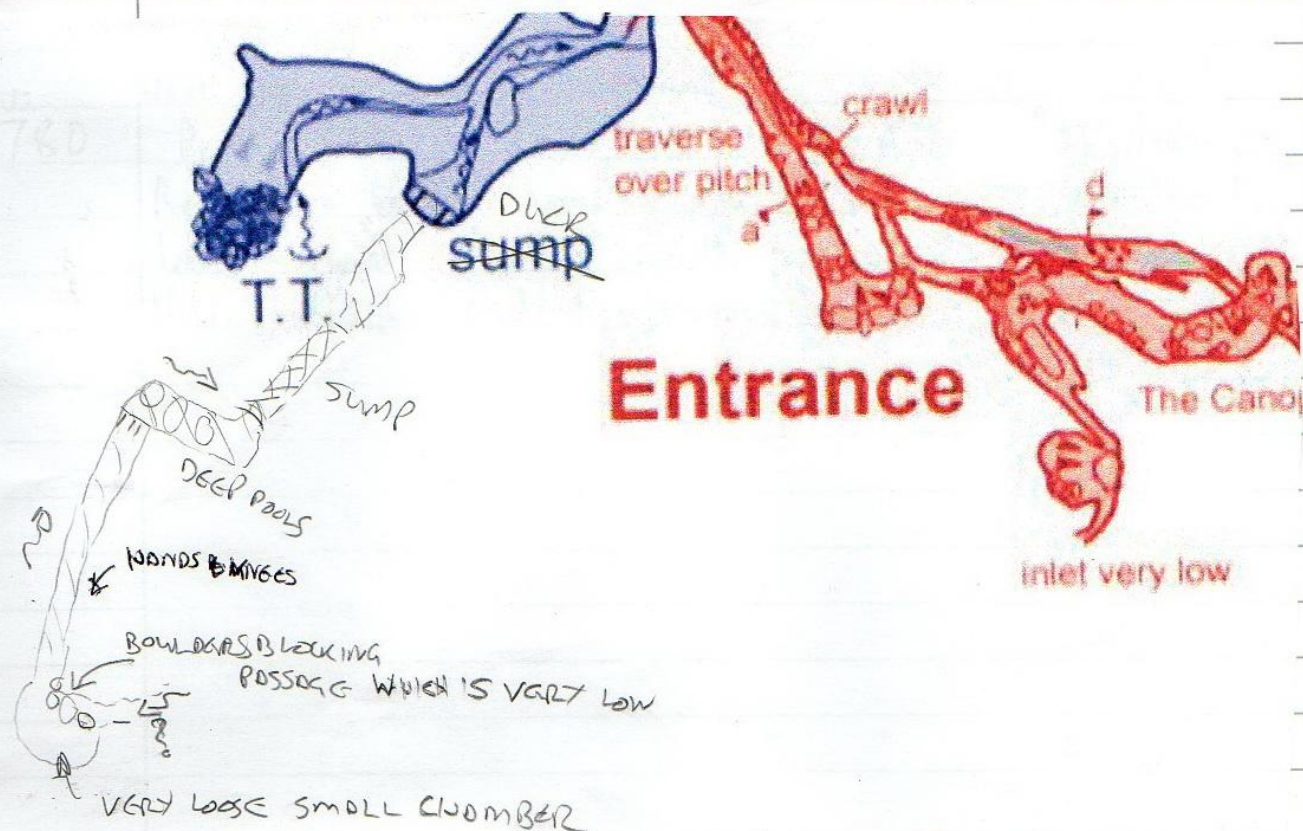
ASWIFT TRIP TO THE BOTTOM SAW A SET OF MINIMAL DIVING KIT ASSEMBLED, SIMON DIVED THE UPSTREAM SHUMP ON A SINGLE 3L CYLINDER PASSING THE SHUMP WHICH TURNED OUT TO BE 6m LONG AND VERY SHALLOW. TWO HANGING FLOKOS WOULD NEED TO BE REMOVED HALF WAY THROUGH IN ORDER TO MAKE THIS A VIABLE FREE DIVE. SURFACING, SEVERAL DEEP POOLS WERE PASSED BEFORE ENTERING THE LOW UPSTREAM PASSAGE. AFTER A BRIEF DUNK THE PASSAGE RISES TO COMFORTABLE HANDS & KNEES PROPORTIONS, THEN ABRUPTLY ENDS

AT A SMALL VERY LOOSE COLLAPSE CHAMBER. THE WAY ON UPSTREAM LOOKS VERY LOW ~~AND~~ BUT IS BLOCKED BY SEVERAL LARGE FALLEN BOULDERS, WHICH WOULD REQUIRE CAPPING AND WOULD POSSIBLY RESULT IN INSTABILITY OF THE LOOSE CHAMBER, 30 m IN TOTAL.

RETURNING TO DI WITH THE MIXED NEWS WE LET A SMOKE BOMB OFF TO CONFIRM ALL OF THE DRAUGHT IS GOING UP THE CHIMNEY, WHICH WAS THEN CHECKED AGAIN AS A NO-HOBBLE.

GOING DOWN STREAM ~~FOR~~ ^{IN} A DESPERATE SEARCH FOR GOING PASSAGE, WE PUSHED AN INLET ON THE RIGHT, JUST BEFORE SLIPPERY TURKISH RIVER. THIS TURNED OUT TO BE PARTICULARLY SNARLY, BUT WE PERSISTED ^{SURVEYING} ~~FOR~~ AROUND 116 m UNTILL IT REALLY WAS TOO TIGHT!

THE TRIP OUT WITH DIVING GEAR, EXPLORATION EQUIPMENT, & DERIGGING, ACCUMULATED TO FOUR VERY HEAVY BAGS BETWEEN THE TWO OF US, WE EVENTUALLY RETURNED TO BAR GORMAN SHORTLY AFTER MIDNIGHT, FEELING A BIT TIRED.



9/4/18

SITE
780

Nest to Judges house Name 2 Torca de Corcado
Pete Smith, Phil Pappard, Jim Davis, Pete O'Neil
Re-rigged & bolted some of the pitches, hillie capped
end of possible route, well worth a return looks
good.

Pointed ✓

Site: 713 Aguanéz

Date: 10/04/2018

Present: Mark Smith, Jim Lister

Dived to the air bell in the sump below the terminal choke (entered on the right at water level) at the present end of the main stream way.

Rock pendants were knocked of giving access to a further air surface with a left hand passage leading off for 3 meters to a sharp right hand bend where the sound of loud running water could be heard in the distance.

The water levels were very high! And the passage was too tight with full diving kit on and it was decided to leave it until the summer when it should be fully above water and if necessary capping equipment could be used.

On the way out a passage on the right hand side heading downstream before sump 2 was investigated, (this passage was marked on the survey but not surveyed) it was followed for 90 metres which had previously been explored by Mark Smith until a rift, this was climbed following the water to a tight window, a chamber with a good echo could be seen beyond, but capping would be required to gain access.

A passage on the left was followed and lead back after 30 meters to the main inlet where a light connection was made.

April ^{10th} 9th, 2018

Torca La Vaca - 2889 - Ferret & Amata

Did spot sampling of beetles, centipedes, millipedes, installed 5 pitfall traps throughout upper series. Photography as well. Amata shared the "Helmets Off" concept for Photographer's Passage, learned in Holekite Heaven of Fern Cave in Alabama. As no rockfall risk, helmets are removed to help one be more self-aware of where head is, and in the instance of accidental formation touching, lower risk of break. Amata recommends publicizing such Helmet-off "rule" for these and similar locations. Ferret will submit full ento report later.

April ^{11th} 10th, 2018

StB 00810 - La Cueva - Ferret & Amata

No significant invertebrates to spot sample, but two pitfalls, were set in case of things hiding. Photographs taken. Amata says if any cave has haunted stories, it is this one! Ferret will submit a full entomological report.

10/4/18 0780: Si & Di - Torca de Corcada 77

Extremely wet day and a river was flowing down the first pitch. Continued Pete O's capping quest. Using plug & feathers and caps made our way through the first constriction of stal around the left hand corner revealing a 3m further constriction. Approx 2m depth 30cm wide rift down. Continued capping to reveal a further 4m continuation. Go pro on a selfie stick pushed through. Needs another capping session to see if there is a continuation beyond this. Slight draught. Water was heard thundering away in the distance.

11/4/18 Jim & killer - 0713 Fuente Aguanaz
To check levels & get - dive valves. Killer's was well
underwater, but got it, and Jim's, out - ok.
Water levels up 7-8m or more. ✓

Thursday, 12th April 2018

Patrick Devine, Paul Gelling, Jim Davis and Juan to site 880. A large boulder had dropped out of the wall nearest the entrance where water had dribbled in after the heavy rain the day before. Phil, en route to 252, soon dispatched the block with a couple of hilti cap holes. Jim and Phil went off to 252. The three remaining diggers were clarted up by the thixotropic mud at the bottom but some progress was made along the undercut at the base of the dig.

Juan did a quick centre line in 880.

The sinks for the valley stream were investigated on the way up. The water splits a couple of times and some disappears close to site 1554 (undescended shaft), the remainder further west at or near 351.

Photos of 1554 + 880. ✓

12th April 2018

Alisas water trace. Detector removed and replaced at 0713 Aguanaz (only). Negative.

13th April 2018

Alisas water trace. Detectors removed and replaced at 0713 Aguanaz, 0767 Wild Mare, 0551 La Riega (Cueva Verde), 0040 Comellante.

0713 Aguanaz POSITIVE. Took between 2 and 3 days to come through. Others negative.

Aguanaz to be looked at again 14th April.

WATER TRACE - ALISAS to AGUANAZ?

Sinks at sites 2037, 2036, 2035, 1969 at approx 630m altitude.

May have been previously traced to Fuente Aguanaz, the mouth of which is nearly 7km away and at 55m altitude.

Reasonable to assume that OBA should come through in 14 - 21 days?

Relative days from day zero	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Possible (moveable) April dates	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

inject 5 litres OBA at site 1969										1700													
place controls	X																						
remove controls				X																			
remove detectors													X			X							
place detectors										X		X											

Possible resurgences	0713 Aguanaz			-																			
	0767 Wild Mare			-																			
	0551 La Riega (Cueva Verde)			-																			
	0040 Comellante			-																			

Matienzo team
Anero team

light rain
heavy rain
light rain

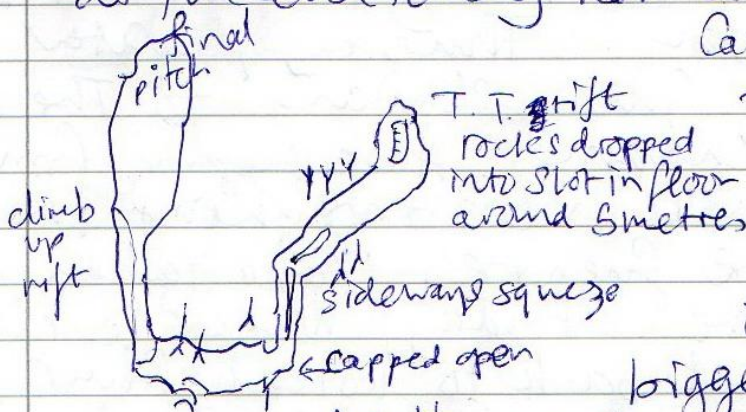
Result: OBA detected at Aguanaz between 2 and 3 days. ✓

12th April 2018 0780

Si + Di

(59)

Water levels lower, no thunderous sound at the end today nor a draught.



Capped and squeezed through to a widening grotto. Slots in the floor about 5 metres in depth. Sounds bigger below.

worth continuing - capping to gain access. ✓

13th April 2018 Wild Mare 0767 Si + Di

Wild, Wild Mare. We could hear the roar of the water before seeing the cave entrance - The aim was to investigate the unweirized inlet which draughts strongly. We didn't make it to this point. We managed to get to the inlet of the 'draughting choked rift' where a large volume of water was coming out. This area, when the silt was disturbed there was a strong smell of rotting matter and cow shit. The way in looked & almost sumped and we were concerned that if 2 sheep had a pee in the field above then the upstream passage would have definitely sumped. ✓

0383

12th & 13th April 2018 Fuente de Escobar ~~0383~~

Si s Di

Visited to see what the impact of the heavy rain would be on Escobar. Thursday, water was rising just below and to the right of the entrance. Also seeping from the small holes throughout the hillside near the fuente. Video taken on Si's phone. Friday, water levels subsided back to normal flow, ✓

Tuesday 3rd April. Andy Bingle, Jim Davis, Juan. VAA 2889
Photo trip with Andy the photographer. Unfortunately, at the pit to the middle (green) level, after Juan had descended the ladders in the wider part of the rift, Andy tried to climb down in the narrower section. He became very stuck and was only freed (after about 45 minutes) by Jim at the top using pulleys and ropes to create enough pull. All out without any photos being taken. ✓

12/4/18 0252 shaft - La Secada Jim D + P. Papard
Survey of cave & dug up to small area with hole to outside & way on dig (brackets) down. Subsonal the hole on surface.

13/4/18 ~~0252 shaft~~ 4732 dig (ent to 0252) Jim D
Digging out - possible entrance next to hole found on 12th. ✓

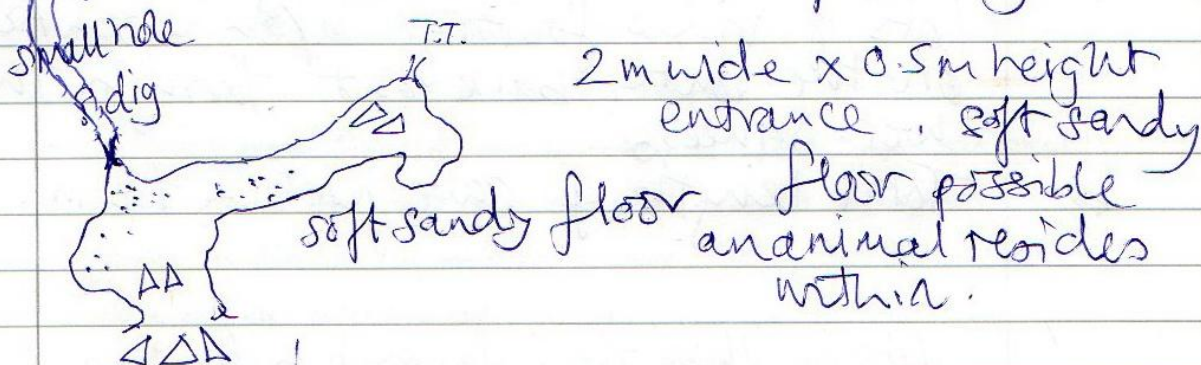
14/4/18 4732 dig (ent to 0252) Jim D + Phil P
Completed dig into 0252, needs more floor (sand & mud) removing. This will give access to dig down in final area of 0252 - strong draught- ✓

2691 Giant Panda Entrance 14/4/18 Jim D, Phil P & Terry
Balls (Stamens) fitted to both sides of tube a rope fixed
through tube for cow's tail. Ok to go down with
cane, but more work needed to fill hole above
~~tube~~ tube & "fome" some gaps on for side ^{rocks} with
one secure in heavy rain etc.

Puerto de Escobar ⁰³⁸³ Si & Di 15/4/18
Accurate Cps : 450873 4800247 133 $\uparrow$ 132

New (old) Cave & Cps - 450774 4800244
#734 EL Recostón Altitude 178

$\uparrow$
166
NEEDS DIGGING
ANIMAL NEST
Roberto led us to ~~an~~ an unrecorded cave
that was well known to the locals of Riano
before the road was built and the
plantations of Eucalyptus trees
His great aunt noted that it was
the 5th bend in the old forestry track.



Fuente de Escobar. 0383

14-4-18 Simon.

SPENT SEVERAL HOURS DEMOLISHING THE
MUD MUD DAM JUST BEYOND MRS SLOWCHAM'S VET
BASSY, LOWERING IT BY AROUND 0.75m. A CALCITE
BLOCKAGE BEYOND STOPPING PROBLEMS.

0383 Fuente de Escobar 15-4-18

D1 & SE

Removed the calcite blockage to continue progress. ~~also~~ Mrs Storam's purse was extremely wet and you need to squeeze through Superman style with one arm forward, one arm down. The 'flat out crawling' widened to kneeling height followed quickly by thigh deep pools to wade through. Walking passage!!! and 2 ways on. Surveiled the left passage which continued with a climb up - the greatest flow of water from this passage. A number of ways on explored and returned to the right hand passage. At the end of the left hand passage lots of red-legged spiders were found and egg sacks. Specimens collected for Ferret. Lots of video footage taken - particularly on the route back out through the wet squeeze.

Total length of cave now 276 m. ✓

Noticed that the information by the 0383 calls this cave Fuente de Escobar.

4734 EL RECOSTON

15/4/18

DE, SE, BIG STEVE

DURING SAND PASSAGE TOWN ANIMAL NEST.
NO DRIFT TOWN/IS NEEDED TO CONTINUE.

Monday, 16th April 2018

Juan with Helen Hooper, Darren Jones, Andy and Emma McKenzie on a tourist trip into Reñada (0048). Water levels high: chest deep in the first lake; waist deep in the second lake towards the Blowhole; stream in the Duck and flowing water at the end of that passage, although this fell while we were in the cave.
Up Stuffed Monk Passage, then to Anastomoses (Pendants) Hall and out of the top entrance. Darren took some photos. Three hour trip.

8

April 12th, 2018 - Ferret, Amata, Terry

10 - hika
15 - fella
14 - flao
13 - ravel
12 - coveron
16 - Gilla

Used our ento permit (good for all of Cantabria) to go to Coveron. 002
We lost Terry (he ran off ahead), in the thick "killer vines" and brambles.
Found Coveron, waited & hollered for Terry ~1 hr. left note, went in. Set
3 pitfall traps, lots sign beetles, no sightings. Took photos. Found
Terry back at the car. Found a pit, WGS84 Ferret has:

4738 43.29507215°N, 3.56158172°W
0454446, 4793736 ↑ 253

April 14th, 2018 - Ferret & Amata

Ilario Cave to set pitfalls and spot sample

5 pitfall traps set, centipedes, millipedes, beetle, and spiders spot sampled
including more that make tiny 1cm³ webs in cracks on the floor
similar to Risco. Very interesting behavior, novel. Took photos.
Goat shed is collapsing but can crawl under plastic "roof". Now
many beehives near entrance, are curious of cavers, anyone allergic
should not go, or be extra careful! Have to pass by many on
path, and right at entrance!

April 15th, 2018 - Ferret & Amata

Attempted to go to Las Hoyas (0072), had GPS point from Big Steve. Track in bad shape, ended up walking ~3 km in (6 up!) Found the sink, looked about right, rigged safety to approach but bottom totally leaf debris filled. Brand new track ~~front~~ almost into it. Suspected filled? Found other caves in area. Took cross country way back to car to go by old point in Orux. Nearby that is a pit that could be it, but too late in day to explore.

April 16th, 2018 - Ferret & Amata

Hike around Cruz de Usano, recent burn made walking easy up high. It is all right on our boundary but we found a few new sites, one looks very nice (~~15m~~ ^{15m} drop, fluted walls, wide open, looks like formed in a fissure). Ferrets put points direct in Orux w/ description & photos. They are all right off track, likely only obvious due to fresh burn (suspect earlier this spring).

WGS84 D.D°

~~43.29507°N, 3.56758°W~~

453729, 4793537

4735

↑ 351

43.29324°N, 3.5704°W - small fluted shaft in bedrock 3m depth

draft, would need digging (mud fill)

4736

↑

43.29557°N, 3.56653°W

~~43.29557°N, 3.56653°W~~

↑ 304

454045, 4799794

15m+ shaft on fault rift, good size,

needs! worth descending & exploring.

Looks like horizontal passage (walking) @ bottom

4737

↑ 332

43.29341°N, 3.56914°W - 12m shaft on faulted rift near

453832, 4793556

forrest track, looks blind.

4732

16/4/18

Tom & Phil. Continued digging towards draught. Had to cap 3 boulders. Then rose sand / small rock fill until roof lifted and ~~beds~~ revealed larger Phreatic roofed passage. In all, about another 40m with some stal, bones, bat droppings and a ? fungus or crystal growth. Draught emits from descending narrow bit which needs small person and a small amount of digging to see onwards. Floor of new passage is 2m above than in 252 and is different - rocks and sand in 4732, sand / clay in 252. There is also a small rubble run in from above with bones. ✓

Selection

351

4740

4746

See over *
for Survey**Tuesday, 17th April 2018**

Juan, Terry, Jim and Penny documenting sites around 0351.

New site 4739 Eastern sink with associated small shaft, 2m deep 30T 452831, 4798027 173m**Site 1554**, Tiny stream sink under 6m high rocky wall in a 20m wide and 10m deep depression. 30T 452813, 4798022 173m

Then to the reported "4 shafts" at site 351.

0351 should now be at 452756, 4798031 173m. 3m spiral down to tiny leaf-covered floor. No draught. Explored by Juan.**New site 4740** 452756, 4798025 173m. 3m deep rift, narrows to 5 inches. Needs lump hammer. Beyond is 3m deep wider rift. No draught. (Terry)**New site 4741** 452722, 4798013 172m deep depression to soil choke with half-metre boulder. (Juan)**New site 4742** 452745, 4798028 175m Twin entrances to u/d narrow rift, 2.5m deep.**New site 4743** 452731, 4798022 174m Two metre deep with bits dropping below (?) in choked floor. No draught.**New site 4744** 452707, 4798021 175m At sandstone outcrop. 9m deep body-sized rift (Terry). Lands at 6m on saddle with N rift 3m deep, choked with sandstone blocks at base. S rift 3m deep chokes with gravel. No draught.**New site 4745** 452685, 4798031 175m 6m pitch followed by 2m climb down in rift to west. After 3m ends at 4-way rifts junction. Ahead and left too small. Right, 3m to low dig into enlargement. No draught. Drippy. (Juan)

Jim then wandered off towards 1064 and found a new hole:

New site 4746 452842, 4797820 174m 30x30cm hole 2m deep (Jim)

Western sink is (4773) ✓

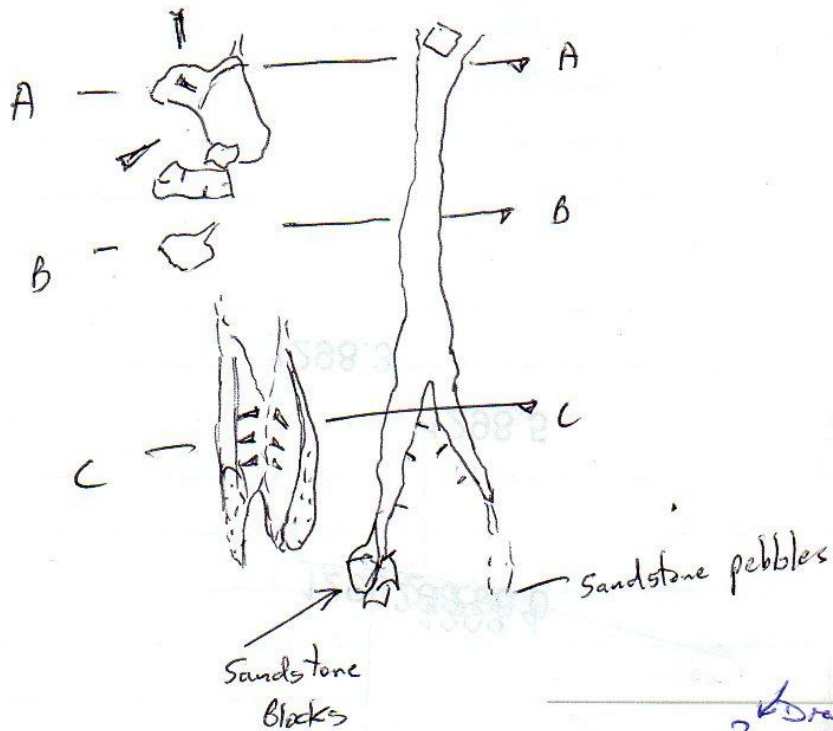
17th April Comillantis detector - ve
Another one not placed. ✓

4744

SITE 4744
(TERRY WHITAKER)

P.

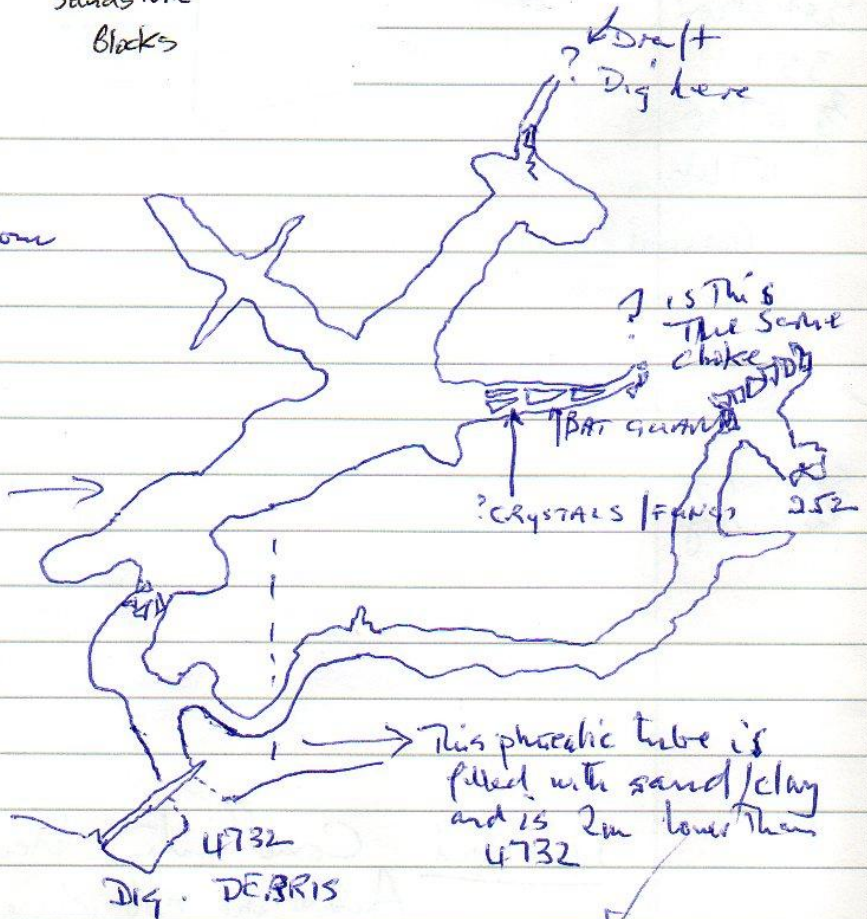
17th APRIL 2018



4732

Tim's survey from
memory.

These Tubes
are 2m higher
than 252 and
has thin calcareous
layer over
rubble.



17/4/18

2889 Torca La Vaca: Big Mat Calf Hole
Helen, Darren, Andy, Si & Di.

Entrance in good order - a small pool of water at the end of the last tube. Bailed to make the squeeze more pleasant!
Great trip to Scafell Aven (top) to show the South Wales team the route through in preparation for a future through trip.
Then headed back to go through no 7 Havenflats lane to take the route south to look at leads around Lechuguilla Passage.
Helen pushed a ~~squeeze~~ crawling passage on the right hand side, heading ~~south~~ NORTH WEST
Surveyed, which ended in a 8m high rift with a dig at the end - space beyond that requires capping. Darren climbed the 8m rift which had a NW too tight passage heading off. Following this

57 metres

57 metres surveyed "St Bees Knees"
Following this headed further south looking at the ramp-choke with big bag & black spaces beyond leaning support. Helen + Andy managed to work through the choke about 30-50 metres.

3m up unstable
choke
2m further over stable
Hood.
Diagonally (SE)
dip 4m to 2
passages. SW
explored for 30+ m
Also higher level
above initial
ascent.

More progress could be made.
Moved on to 'continues & unexplored' passage (Sta. 8) left after climbing boulder.
Surveyed easy going stooping/crawling passage for 52 metres. Ended in a dig space beyond continuing too tight.

Balch 18-01 35m Balch 18-02 52m
Vaca Length = 23783m

gjc

Fuente Aguanaz Site: 713

17,04,2018

Present: Jim Lister

Diving at the site had to be cancelled due to flooding, however conditions improved enough to enable an attempt on the 17th sadly a few days after Mark Smith had returned to his home.

The Diver made a solo trip to the start of sump "3B" following a very strenuous swim! This was at the time the limit of exploration and the diver passed the sump to surface in a pleasant walking size stream way, this was followed for a couple of hundred yards to a further sump "4B" the passage between these sumps contained a possible lead on the right hand side where a short climb up to a tight slot in the wall gave a very good echo!

Sump "4B" was passed and again very pleasant walking size stream way was followed to sump "5B" this sump was dived for some distance but like the previous sumps the visibility was zero and the

diver estimated he was near his turn round time for his air so retreated leaving the line and reel in place for a return in the summer.

The passage between Sumps "4B" and "5B" contains a hands and knee passage coming in from the right with a good stream issuing from it! And also 3 metre wide and 1.5 metre high passage again on the right as you are heading upstream. The latter passage is up a 3 metre climb and is not part of the active stream way, it contains stalagmites and has a sand floor, it was followed in a west direction for ten minutes and could be seen to be continuing for some distance.

Exploration has now been completed till the summer at this location however a surveying trip is planned for the 19th and equipment has been left in until then.

Notes: most sumps contain a 60 cm layer of wood pulp from the forestry clearance taking place in the area.

19th April Jan to Mushroom Field - location of 1064
aerial photos + video for Jim D.
Closer fly towards ~~4567~~ 4657 - still difficult to see into
cave!

19/4/2018 Fuente Aguanaz 713 - Jim Lister
 83.95m Surveyed.

Fuente Aguanaz Site: 713

19,04,2018

Present: Jim Lister

A trip was undertaken to survey the new passage from the Boulder choke to the start of sump 5B in "Sarah Jean" Passage.

The considerable drop in water levels made the swim upstream far less difficult although the bypass still needed to be used as the water was still high although it had receded a metre from the previous trip on the 17th a few days before.

The duck before sump 3B (under the Boulder choke) was carefully searched for Jims missing Go-Pro without luck.

Sump 3B was dived and measured and found to be only 3.6 metres long compared to the 15 metres a few days before, sump 4B had disappeared and was only a long pool of water! (Dive line removed).

The passage just short of Sump 5B was surveyed back to sump 3B using a Distox and Samsung note 4. (Used in aeroplane mode with just blue tooth on to save battery) sump 3B and passage including duck surveyed back to choke using tape and dive compass.

The water in the duck was lowered by a few feet by removing boulders! It could be lowered a lot more! Passage in choke needs surveying still.

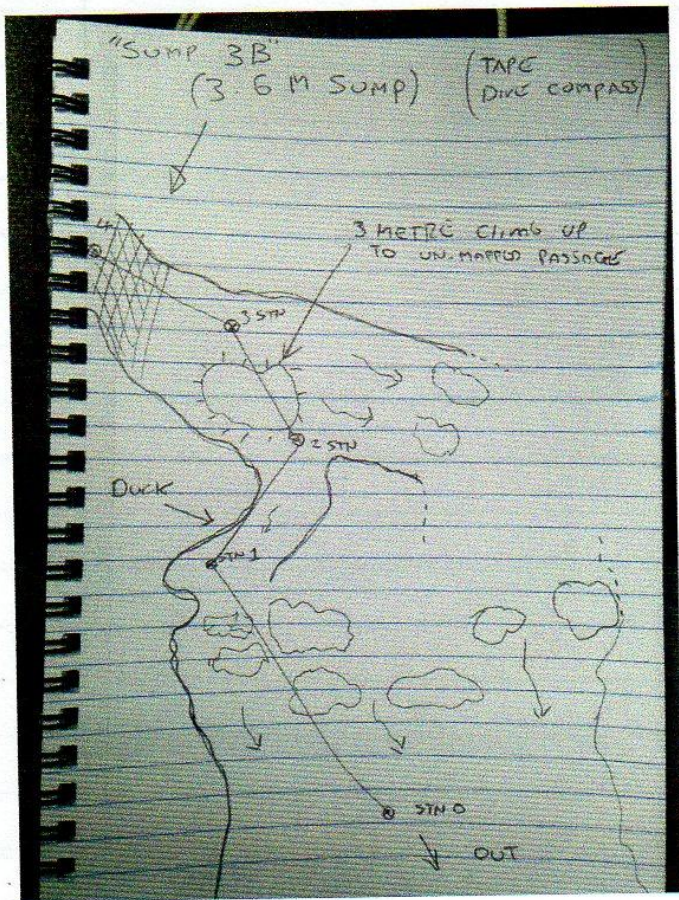
Jim Lister.

Babbles 18-02 + 18-03
 16.6m + 73.4m = 90m

21/4/2018 4747 deep (seemingly) ⁴⁰⁰ black entrance in limestone pavement.
 A lot of grass so didn't descend. ~~Big~~ Medium echo. 453403, 4794123

21/4/2018 Phil P, 4732 (0252)
 Survey of cave a photo of out-let length 82.72m

21/4/18 Juan: Another fly towards 4657. Partly skirted tree to get full shot of entrance but dark inside - so no detail!



Jim Lister
21/4/18
End of
18-03.

08/04/2018

PHIL GOODWIN, BOB CATLEY, JOHN SOUTHWORTH & DAVE MILNER

SITES 4654 & 4655 LOOKED AT FURTHER & NOW INTERLINKED. NO OBVIOUS WAY ON FOUND.

(A) GPS 0442808 4201864 ALT 131. (4748)

HOLE UNDER SMALL CLIFF, ON OPPOSITE SIDE DEPRESSION FROM ABOVE (SITES 4654 & 4655) DUG. APPROX 2m LONG, BUT NEEDS LARGE PLAKE IN ENTRANCE REMOVING. PHOTO JS

SITE 4656 ALSO LOOKED AT FURTHER. POSSIBLY FORMER ICE-HOUSE.

(B) GPS 4479618 4201518 (4749)

RESURGENCE POND, COMING FROM UNDER SLAB FORMING PART OF PRIVATE DWELLING. NO CHANCE OF FURTHER PROGRESS.

09/04/2018

DAVE MILNER & JOHN SOUTHWORTH

SITE 3572 RE-OPENED ENTRANCE, PARTIALLY BLOCKED WITH BOULDERS. DESCENDED 6m ENTRANCE SLOPE, AND THEN DUG OUT ENTRY TO FURTHER 10m OF HORIZONTAL CRAWLING. NO WAYS ON FOUND. ENTRANCE RECOVERED WITH ANGLE-IRON AND BOULDERS LEAVING IT TOTALLY STOCKPROOF.

PHIL GOODWIN & BOB CATLEY
SITE 3569

The pitch to the right of the entrance was descended. A very scrappy pitch which is really a widening of the rift above was accessible for 7.7 metres. The rift can be seen descending for at least 5 more metres in places but is very narrow and not worth the effort of digging.

10/04/2018

PHIL GOODWIN, BOB CATLEY, JOHN SOUTHWORTH & DAVE MILNER

OBA PUT INTO FEEDER STREAM OF SITE 1969 AT 1600. DETECTORS PLACED AT VERDE, AGUANAZ & WILD MARE AT APPROX 1700.
(LA RIGGA) 713 767
551

11/04/2018

PHIL GOODWIN, BOB CATLEY, JOHN GUNN & ROD DALTON

SITE 4606 Bolted from inlet at present mid point for 20m. Crossed pitch at unknown depth. Traverse ended at block in passage. Looks like way on is easier turned back with return trip in mind.

12/04/2012

PHIL GOODWIN, BOB CATLEY, JOHN SOUTHWORTH, JOHN GUNN, ROY TALTON & DAVE MILNER

SITE 2001 - UNABLE TO FIND IN AREA AROUND REFERENCE ~~Q~~ GIVEN

SITE 2007 - DESCENDED. ALL ROUTE CHOICE. LOS REF SHOULD BE 446926 4794767 - 620m

SITE 2013 - DESCENDED. NO WAY ON.

SITE 2038 - PARTIALLY DESCENDED (7m). TO RETURN WITH MORE LADDER.

SITE 2052 - PARTIALLY DESCENDED. TO RETURN WITH MORE GEAR PHOTO PG.

(A) (4750) ALT 628m
- 446847 4794789 2m DEEP HOLE UNDER CLIFF FACE. SLOPES
DOWN WITH NO WAY ON. PHOTO PG.

(B) (4751) ALT 625m.
- 446838 4794800 3m DEEP RIFT UNDER SMALL CLIFF.
BLOCKED PHOTO PG.

(C) (4752)
- 447004 4794676 ALT 638m 6m SHAFT. CHOKE AT BASE

SITE 2002 - DEPRESSION DESCENDED & DOWN SLOPE UNDER LARGE BLOCK, TO
SMALL CHAMBER WITH CALCITE WALL ON ONE SIDE. NO WAYS ON.

13/04/2012

PHIL GOODWIN, BOB CATLEY, JOHN SOUTHWORTH, JOHN GUNN, ROY TALTON & DAVE MILNER

SITE 2889 - DIGGING IN RED, AKE CHAMBER. NO PLANS TO RETURN TO THIS
IN CHORE. DEPTH FROM LIP OF DEPRESSION 12m.

CHANGED DETECTORS AQUANAZ, VERDE & WILD MARE. AQUANAZ DETECTOR
POSITIVE AT 1615 HOURS. (STRONG POSITIVE) PHOTO JS

14/04/12

~~PHIL GOODWIN~~ JOHN SOUTHWORTH & DAVE MILNER.

SITE 2001 - AGAIN, UNABLE TO LOCATE THIS SITE.

SITE 1994 - SITE NOW CLEAR OF SLURRY. 6m DESCENT TO BOTTOM OF DEPRESSION
WITH RIFT LEAD OFF FOR 3m TO SMALL CHOICE END. CHOKE WITH LEAVES
& PLASTIC BOTTLES, BUT TAKING A SMALL STREAM.

(A) - 447148 4794714 605m.
SHORT, 2m LONG, CAVE. NO WAY ON PHOTO JS (4753)

(B) - 447176 4794766 605m.
WET WEATHER SINK IN 3m LONG CHOKE RIFT PHOTO JS (4754)

(C) - 446991 4794753 619m.
6m SHAFT, TOO NARROW, AT BASE OF 2m CLIMABLE ~~CLIFF~~ CLIFF.

~~PHIL GOODWIN~~

(2)

(D) 447083 4794843 607m (4756) 73
3m SHAFT, IMMEDIATELY UNDER LARGE BOUNDER. CHOKED AT BASE. PHOTO DM

(E) 447074 4794939 555m (4757)
VERY NARROW 2m RIFT SHAFT IN BASE OF DEPRESSION ON EDGE OF WOODLAND. PHOTO DM.

PAUL GOODWIN & BOB CATLEY

SITE 2038 - Shaft bifurcated by boulder bridge @ 5m: uphill side; descends 5m to rift ~~is~~ - ~~followed~~ sloping floor followed for 5-6m too tight for SRT equip'd caver needs digging.

downhill side: descends 12m to choked ^{floor} in shaft. Continuation possible at side through easy hole in choke. Boulders roll for several seconds estimated 40-60m. Needs further work.

SITE 2052 - deep rift descended to 40m - caver jammed - rift continued several metres to what appeared to be a shelf boulders fell for a considerable distance further.

15/04/2018

DAVE MILNER & ROY TALTON (4748)

SITE 08 (A) - RETURNED TO THIS DIS AND INITIAL FLAKE REMOVED. MORE WORK REQUIRED, BUT IN A MUCH DRIER WAY. NO FORWARD PROGRESS MADE.

JOHN SOUTHWORTH & JOHN GUNN 448391 4801894 ALT 148M (4758)

(A) LARGE VOLUME STREAM SINKING BELOW ^{2M} SANDSTONE ^{BED} WATERFALL INTO POOL WHICH DRAINS AWAY IN A LOW VERY TIGHT PASSAGE, REQUIRES ANOTHER LOOK IN DRY CONDITIONS. PHOTO JOHN GUNN

16/04/2018

DAVE MILNER, JOHN GUNN & ROY TALTON (4759)

SITES - 1561 & 1251 - TOURIST TRIPS DOWN WALK TO MINE & BOTH MINES.

JOHN SOUTHWORTH

0445105 4799602 ALT 188M (4759)

(A) WALK DOWN BOULDER SLOPE FOR APPROX 6M TO CHOKED OUTLET AT LOWEST LEVEL, FULL OF TREE BRANCHES

(B) 0445113 4799664 ALT 216M (4760)
UNDESCENDED RIFT 1M X 3M AND 3.5M DEEP. SEEMS TO CHOKED.

16/04/2018 (CONT.)

PHIL GOODWIN & BOB CATLEY
4606

Pitch crossed on last visit was descended, 10m deep. Flowing water in bottom - flow towards main junction. Passage upstream too tight to follow, downstream too small.

Passage at top of pitch too tight to follow in SRT kit.

Consideration of geology suggests that this is an inlet to the main system and the way on is downwards at or near the main junction.

Digging at main junction into visible chamber ^{in floor,} ran out of battery power before the opening could be enlarged enough for caver access.

17/04/2018

JOHN SOUTHWORTH, JOHN GUNN, ROY TALTON & DAVE MILNER
SITE 3234 - TOURIST TRIP.

DETECTORS REMOVED FROM VERDE (0951), WILD MARE (0767) & AGUANAZ (0713)
AGUANAZ STILL POSITIVE, OTHER TWO NEGATIVE. LESS STRONG THAN 13TH.

PHIL GOODWIN & BOB CATLEY
SITE 4606 - Las Grietas.

Far reaches derigged back to descent after first traverse even though a tightish way on can be seen at root level.

Capping continued and broke through to small chamber 3m by 2m. Through crack in at far end can be seen a bigger chamber with flowing water. Very good draught.

18/04/2018

DAY OFF IN SANTANDER

19/04/2018

JOHN SOUTHWORTH & DAVE MILNER

~~4759~~ 4759

16/04 (A) - SOME DEBRIS REMOVED, BUT NEEDS FURTHER WORK. GOOD DRAUGHT. PHOTO JS

16 (B)

SHAFT ON BANKING COVERED WITH FIVE POSTS. 3.5m 4760
WITH NO WAY ON AT BASE. PHOTO JS

(A) ~~4761~~

ALT 210
0445131 4799630 6m SHAFT IN BRUSH FILLED 1/6 DEPRESSION - ~~PHOTO JS~~
CHOKED PHOTO JS (4761)

(B) ~~4762~~

ALT 144
0445130 4799614 3m ~~SHARP~~ TWIN DROP UNDER LIMESTONE FACE,
15m FROM BARN. ENTRANCE NEEDS ENLARGING. NO PHOTO

(4)

(4762)

19/04/2018 (CONT)

PHIL GOODWIN & BOB CATLEY - ANISAS
SITE 2038

Bob descended to floor at 17m, and made rock safe at edge of deep shaft. After several attempts with lowering a weighted torch down the shaft the bottom was not reached at 140m making the shaft over 150m in depth altogether

Cave C. ~~447025~~ 447025 4794755 615 (4763)

Below this point is a 20m cliff with a chimney descending to a shaft with vertical sides of about 5m. The bottom is covered in leaves and measures about 5m by 3m. There is a black 'chink' in one corner that needs further investigation.

Cave D 447009 4794737 618 (4764)

~~At~~ 2m deep linear feature with hole at least 2m deep.

Cave E 446992 4794754 611 (4765)

Three shafts in shakelole not descended probably all connect at 4-5m down. Needs digging.

20/04/2018

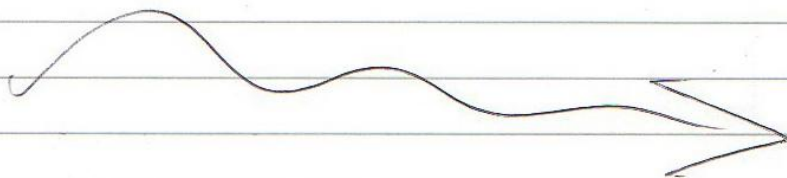
JOHN SOUTHWORTH & JANE MINNER - LAS CALZATILLAS (4766)

(A) 0447562 4796041 ALT 481m.

SMALL HOLE UNDER TREE IN NEWLY BURIED BANKING. 6m SLOPING DESCENT TO TOP OF PITCH (DESCENDED TO THIS POINT). PITCH ESTIMATED TO BE 7m TO FLOOR, BUT STONES SOUNDED TO GO A LITTLE FURTHER. SLIGHT 'YRAUGH' PHOTO DM

(B) 0447532 4795062 478m (4767)

SMALL, STRANGELY YRAUGHING HOLE IN 'DEPRESSION' - SERIOUS 'YIE'. PHOTO DM



Amata's photos 0002, 4712, 4713, 0086, 3721, 0288, 3234, 1630
0048, 2889

20/04/2018 (cont.)
PAUL GOODWIN & BOB CATLEY

SITE 4606

Chamber observed on last visit entered via 3m pitch. Chamber 2m x 3m water entering from south east leaving in the opposite direction. Silt on floor suggests low flow. flow marked with mud - observed in deepest pitch.

Flow from NNE inlet flows SSW towards deep pitch. Confluence not seen. It is conjectured that the flows seen are percolation water ~~entering~~ using an existing hypogenic system and there is no deep, large cave accessible from this system

De-rigged - nuts left on bolts for hangers

WARNING the environment is aggressive towards Aluminium hangers etc.

21/04/2018

JOHN SOUTHWORTH & JANE MILNER

SITE 15/04 (A) RE-EXAMINED THIS LOCATION. WATER LEVEL SLIGHTLY LOWER. OUTLET SMALLER ON CLOSER INSPECTION. A) DIGGING PROJECT. BIG

PAUL GOODWIN, JOHN SOUTHWORTH, BOB CATLEY & JANE MILNER
4592

SITE ~~4606~~ - LOOKED AT & DECIDED IT WAS A SERIOUS Dig.

20/04/2018 (A) -

~~4768~~ superseded.

Obvious entrance in hill side. Follows rock wall through boulder filled shaft for 15m to chamber with no obvious way on.

22/04/2018

PAUL GOODWIN, JOHN SOUTHWORTH, BOB CATLEY & JANE MILNER
LAS CALZADILLA.

SITE 4624 - PHOTO JS

13m OPEN SHAFT DESCENDED. NO WAY ON

(A) 0447284 4795066

(4769)

7.5m CHOCKED SHAFT IN BOULDER (DESCENDED) PHOTO JS

(B) 0447389 4795082

(4770)

7m SHAFT. NO WAY ON AT BASE

PHOTO JM

(C) 0447426 4795051

(4771)

8m SHAFT - UNDESCENDED

PHOTO JM

(6)

22/04/2018 (CONT)

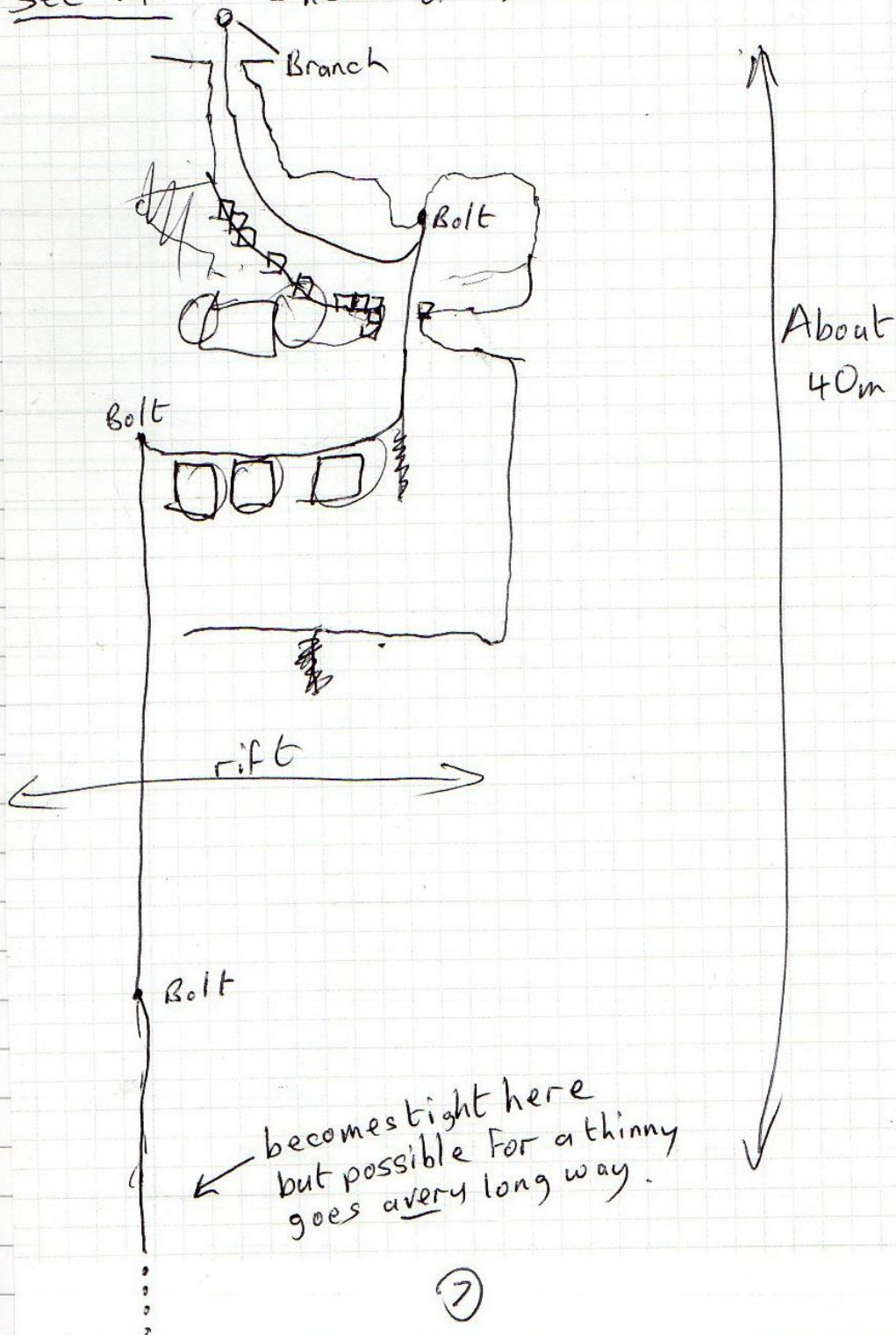
(77)

(4772)

(D) 0447404 4795092 - VIKES JS

IMPRESSIVE LARGE OPEN SHAFT, APPROX 20M ACROSS, WITH LARGE ROCK BRIDGE PART WAY DOWN. DEPTH OF SHAFT 25M. NO WAY ON FOUND.

See 14th Sketch of 2052



From: Phil Papard <papard@easynet.co.uk>
To: 'Jim Davis (Work)' <info@managerie.co.uk>
Cc: 'Juan Corrin' <uzueka@aol.com>

Subject: Site 0252 - 4732

Date: Fri, Apr 27, 2018 9:27 pm

Attachments: 252 planv3.pdf (1277K)

Jim

Attached is the survey of 0252 etc. When I did this final bit, it was a warm day and the cave was draughting strongly. One bit I am not sure of is the rift opposite the "run-in" passage. I climbed up this to about a 3m climb down into a bigger area. I did not go down as a) I was by myself and b) I was not sure if you went down this climb? You will see I did a survey leg down the drop and show it dotted with a "?".

Phil

From: John Southworth <direct.station.limited@hotmail.co.uk>

To: Juan Corrin <uzueka@aol.com>

Subject: Re: Matienzo write up

Date: Mon, Apr 30, 2018 1:15 pm

Hi Juan

4766

20/04/18 A depth 18m

Small hole under tree in newly burnt banking . 6m sloping descent in standing height passage followed by a 2m tight vertical squeeze to the head of a 10m pitch into well decorated chamber 2m x 6m , choked with calcite .

Cheers

John.

From: Rupert S <r.skorupka@btinternet.com>

To: Juan Corrin <uzueka@aol.com>

Subject: April 2018

Date: Mon, Apr 30, 2018 11:44 am

VALLINA APRIL 2018

Made a 10 day visit between 19th to the 29th in the hope of hitting a fine weather window which had eluded me in march and january. Weather on arrival was hot and dry so hopes were high to be able to make some progress at last. The intention was to camp overnight between sumps 5 and 6 , to allow more to be done without wasting time and air on leaving each day.

On the first trip down it was soon clear that the residual water levels were very high (from a winter of continuously poor weather), the Rio Rioja being well above normal, but clear. It was decided to wait a few days and see if the levels dropped. The problem is not about being able to dive or make progress down the streamways as this was possible. It is more about being able to safely carry the heavy load of a rebreather down the very sharp and potholed passage between the sumps 5 and 6. Also, making the same journey without damage to my drysuit or even myself, as the passage is treacherous with a high flow (all the waters from Vallina 1 and 2 combined).

After several quick trips to the start of the R.Rioja, it was clear that the water was not really dropping in level even though the weather was fine. Even a small amount of rain quickly caused the level to rise, whereas normally it would have made no difference. This was assumed to be because the ground was so saturated. Jim had a similar problem at Aguanaz, where a single days rain caused the water to quickly rise by several metres.

The time passed where it would be worthwhile to set the rebreather up for a series of dives and conditions hadnt improved, so no diving was done.

A couple of other jobs were completed ;

- my sleeping bag was recovered from the Catalan Bypass and bagged up with some extra gas, then weighted ready to pass the sumps.
- the rope on the D.Dutch was swapped for a new one.
- the first short pitch was re-rigged. This was done by placing 3 bolts to allow a hang down a hole, which bypasses an awkward bit of thrutching, to drop straight onto the head of the original pitch. It saves a few minutes each way and the hazard of falling down the hole.

Rupert

From: dave-d <dave-d@wavey.com>
To: Juan Corrin <uzueka@aol.com>
Subject: Re: Matienzo
Date: Sun, May 13, 2018 10:16 pm

Site 4657

Hi Juan,

It is just possible that I sat in that right hand recess. Possibly on 13th Aug 2015 as I've some pictures of a wet day. I think I made a note in the logbook to the effect that I didn't find any drafts or much of interest, perhaps an animal burrow in a recess. However, it could easily be another one I sat in. Could you mount a pointy torch to the drone and fly close to the entrance?

Cheers
Dave

p.s. Yesterday I played with OpenDroneMap, and a drone.

Hi Juan,

Might be possible to approach down gully to the right, or a straight ab down in front. Certainly less jungle bashing... I wore a caving suit on approach. There was a ledge system running across below the recesses.

I'm not planing on a visit this year, and a second set of eyes is always better. Probably find something I stepped over.

Had another 10 minutes of drone time, and I agree with you - not sure on a use for the 3d mesh/model. The human mind seems good at processing a fly by video, especially in low sunlight to show ground features.

One possible use, may be, is to import the mesh into GRASS and QGIS. Takes much processing and you already have DEM data.

Cheers
Dave.

From: dave-d <dave-d@wavey.com>
To: Juan Corrin <uzueka@aol.com>
Subject: Re: Just a thought
Date: Wed, May 16, 2018, 10:08 pm

4657

On 16/05/18 18:19, Juan Corrin wrote:

> Yes. Very good. The bumps around the entrance seem to be the same. You presumably climbed up from the bottom? Cave length about 6m?

Yes, scrambled up from below. Yes, it was about 6m.

> Can I link to this video from the web site description? I'll also take a screen shot for a photo, if that's OK.

> Yes, of course you can link it, even copy it if you want.

>

> The 4211 site looks interesting. For droning: possibly best to either walk round on the ledge or 2 below - either on or 1 ledge above the Cueva Chica level; or on the ledge above and fly out.

> You must have spotted it from below - were you on the ledge below or on the more broken ground further south?

> We were on the ledge, mainly because we had approached from above and were retreating in much the same way.

On way back from 0083 Cueva Chiva, facing in to La Colina, went up leftwards and then up rightwards above 0083, onto the ledge below big roof. Getting on the big ledge system means passing a sort of pinnacle.

So, a drone would be ideal to see if 4211 is or isn't a recess. And examine the whole face if you have the time and batteries.

Cheers
Dave.

From: Peter Smith <smith_peter2004@yahoo.es>
To: Juan Corrin <uzueka@aol.com>; Phil Papard <papard@easynet.co.uk>; Big Steve Martin <big_stevemartin@hotmail.com>
Subject: Pollution in Aguanaz
Date: Tue, May 22, 2018 9:10 pm
Attachments: reply pollution aguanaz 18-5-18.pdf (106K)

Good evening all

We've had this reply from the Environment dept. Basically they say that they know the water's polluted with cow shit so they treat it. And they've passed the information on to another water authority.

Cheers, Pete

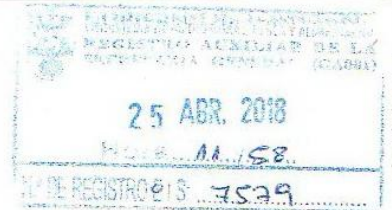
Letters follow



DIRECCIÓN GENERAL DEL MEDIO NATURAL

CONSEJERÍA DEL MEDIO RURAL, PESCA Y ALIMENTACIÓN

25 de abril de 2018



Contaminación en la cueva de la Fuente del Aguanaz (Entrambasaguas)

Muy señores nuestros

Les escribimos en representación de la Expedición Espeleológica a Matienzo, Cantabria. Este mes, en el curso de nuestras exploraciones de la cueva de la Fuente del Aguanaz (Entrambasaguas) autorizadas por la Consejería de Educación, Cultura y Deportes, unos compañeros y miembros de dicha expedición han observado en una de las galerías de la cueva una gran cantidad de materia orgánica, la que llega a formar una capa de unos 60cm de espesor. Parece que esta materia orgánica procede de la superficie encima de ese punto de la cavidad de más de 3 km de desarrollo. Las coordenadas de dicho punto son (ETRS89) x: 445.878; y: 4.800.616, donde la galería está a una profundidad aproximada de 100m por debajo de la superficie. Debido a que la galería comunica con el río, consideramos que existe un riesgo serio de contaminación de las aguas subterráneas que afloran en la Fuente del Aguanaz, utilizadas para el consumo humano.

Phil Papard, Juan Corrin y Peter Smith (en nombre de la Expedición Espeleológica a Matienzo)

ACOMPaña A ESTA CARTA:

- Un plano de la cueva de la Fuente del Aguanaz, sobrepuesto a un mapa, señalando la posición de la materia orgánica
- Otro plano de la cueva, superpuesto a una foto aérea.
- Una muestra de dicha materia.

Contacto: Peter Smith, La Secada, Matienzo, 39812 Ruesga.

942 619930, smith_peter2004@yahoo.es

Reply over.



GOBIERNO
de
CANTABRIA

CONSEJERÍA DE UNIVERSIDADES E INVESTIGACIÓN,
MEDIO AMBIENTE Y POLÍTICA SOCIAL

DIRECCIÓN GENERAL DE MEDIO AMBIENTE
SUBDIRECCIÓN GENERAL DE AGUAS



C/ Lealtad nº 24. 4ª Planta
39002-Santander
Tlf.: 942.20.23.57

18 MAYO 2018

N.º DE REGISTRO (S. XL 01)

ASUNTO: EXISTENCIA DE MATERIA ORGÁNICA EN LA CUEVA DE LA FUENTE DEL AGUANAZ.

En relación con su escrito de fecha de registro 9 de mayo de 2018, por el que ponen de manifiesto la existencia de acumulación de materia orgánica en una de las galerías de la cueva de la Fuente del Aguanaz, ubicada a unos 100 m por debajo de la superficie y cuya procedencia previsiblemente sea de la superficie por encima de la cavidad, desde esta Subdirección General de Aguas previo agradecimiento por la información facilitada, procedemos a informar lo siguiente:

Es de conocimiento general que las prácticas agrícolas ancestrales utilizan el estiércol animal como abono orgánico, con la finalidad de acondicionar el suelo mejorando su contenido de humus y la estructura micro y mesobiológica del suelo, debido al contenido de nutrientes en el estiércol, si bien este varía dependiendo de la clase de animal, su dieta y el método de almacenamiento y aplicación.

Así pues cuando dicha práctica se realiza en zonas de marcado carácter kárstico, como es la zona que nos ocupa en cuestión, es frecuente que parte de ese abono finalice en los sistemas subterráneos como el que nos describen en su escrito. Hasta la fecha no ha sido posible establecer un sistema eficaz para identificar e impedir los puntos de entrada de estas escorrentías y evitar los efectos sobre los posibles acuíferos afectados.

Centrándonos en la Fuente del Aguanaz, como bien saben, este afloramiento es el origen del Sistema de Abastecimiento de Agua Potable Autónomo denominado Plan Hidráulico Aguanaz, el cual abastece a los Municipios de Entrambasaguas, Marina de Cudeyo, Medio Cudeyo, Ribamontán Al Monte, Ribamontán al Mar, Solórzano y Riotuerto.

Conocedores de esta problemática y ante la imposibilidad de evitarlo y de eliminarlos, a la estación de bombeo del Aguanaz se la dotó de un sistema de detección en continuo de amonio en el agua bruta, por lo que se realiza un control permanente de las condiciones organolépticas del agua que llega a la Estación de Tratamiento de Agua Potable ubicada en el Bº de San Antonio, donde se somete el agua a un tratamiento de potabilización, incluido desinfección, antes de ser puesta en servicio a los depósitos de los distintos Municipios a los que se les suministra agua desde estas instalaciones, cumpliendo con los preceptos regulados al efecto por el REAL DECRETO 140/2003, de 7 de febrero, por el que se establecen los criterios sanitarios de la calidad del agua de consumo humano.

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**GOBIERNO
de
CANTABRIA**
CONSEJERÍA DE UNIVERSIDADES E INVESTIGACIÓN,
MEDIO AMBIENTE Y POLÍTICA SOCIAL
.....
DIRECCIÓN GENERAL DE MEDIO AMBIENTE
SUBDIRECCIÓN GENERAL DE AGUAS

Liébana
Cantabria
Año Jubilar

C/ Lealtad nº 24. 4ª Planta
39002-Santander
Tlf.: 942.20.23.57

Por todo lo expuesto y al carecer de competencias sobre el dominio público hidráulico, ya que estas son ejercidas por la Administración Central a través de la Confederación Hidrográfica del Cantábrico, procedemos a dar traslado de copia de su escrito a la mencionada CHC, para su conocimiento a los efectos oportunos.

Santander, a 18 de mayo de 2018

EL SUDIRECTOR GENERAL DE AGUAS



Fdo. José FERNANDEZ RUIZ

smith_peter2004@yahoo.es

From: Peter Smith <smith_peter2004@yahoo.es>

To: Juan Corrin <uzueka@aol.com>; John Southworth <direct.station.limited@hotmail.co.uk>

Subject: OBA test

Date: Tue, May 22, 2018 9:10 pm

Hello Juan and John

I did a test from the small sink at 3566. The OBA went in on Saturday 12th May, and there was a clear positive at 3282 on Monday 14th. There was some moderate rain between those two days. I had a detector in the River Riaño near the bridge at 449.529 4.801.033, and that remained negative. I also did a background check before, and both detectors were negative. Then detectors left in from the 14th to the 19th were also both negative. So it seems that all the OBA went through with that rain (or it got diluted and was undetectable?).

The man at the "Beer for 1 euro 20" bar told me about a kind of resurgence in the middle of the river where it divides round some sort of bank, about 300m down valley from the bar, and when the river is high, you can see a difference in the colour of the water. So perhaps it's a story that needs checking out in the search for the missing resurgence.

Cheers, Pete

MATIENZO CAVES PROJECT