

July '98

Ario Log Book

1

If found in Spain, please return me to

Los Espeleólogos Ingleses
c/o Arco Refugio.

OXFORD UNIVERSITY
CAVE CLUB
LIBRARY

If found in Britain, please return me to

Steve Roberts
143 Godstowe Rd.
Wolvercote
Oxford

"In Oxford, we don't have enough slow cavers"

"THE MISSING PAGES"

PATRICK
CHRISTIAN
NANCY
ADAM

O'DONNELL
STAUNTON
SERRANO

CHRISTIAN "Friend of Christian Staunton"

DE ETTO
STAUNTON

NATHANIEL
TIM
LOU
Duo-Boy

MURFORD
GUILFORD
MORRICE

ARIO LOGBOOK JULY 2011

OXFORD UNIVERSITY
CAVE CLUB
LIBRARY

(2)

Expedition Members

Jo "I don't mind ironing men's shirts"	"Whistler"
Richard	Doyle
Alison	Waterfall
Flour "4 tacklebags"	"Loveridge"
Rhys "Optional sausages"	William's
Jonathan "I'm not coming out"	"Cooper"
Huw	Jones
Pat "carefully planned schedule"	Man
Lynn "I wish I could put my hands round something warm"	Mullely
Ler "Choco-light-feature"	Bickley
Martin	Smith
Namie "Mr Alderson has now left the building"	Alderson
Pete	Hartley
Alex	Hartley
Keith "I think I twisted my nob over 1000 times"	Hyams
BILL (with a drawing of a head)	"FORD-SMITH"
"Mad" John "oldest of old lags"	WILCOCK
Bourry	Hallett
John	Sherry
Tom	Toomey
Harvey (Harve) "One crawler is as good as the rest"	Smith
Martin "hairiest of old lags"	Larrett
Lerick	Sayno
Tony "flipper" "Not a matter, just methodical"	Seddon
Gavin	Lowe
Boris "Menthol-flavoured"	Meta Menardii
Dave	Lacey
Rob "fluorescent gear shit"	Garrett
Neil	Pacey
Kate	Lane
Chris "Oh my bum muscles" "Cares for both sides"	Densham
Morris "The Mouse"	Mouse
Beeka	Howson

(3)

Wed 8th July

After a surprisingly early start (given the amount drunk in the bar the night before) large amounts of gear were carried up by Hull, Rhys, JC, Lynn, Richard, Pete, Paul, Fleur, Lev & Jo, leaving Alison to guard base camp. Camp was set up at Ario & a kitchen constructed by ~~some~~ Paul in a tumbledown hut. Jo stupidly decided to do another carry & Alison joined her, everyone except Rich having gone down to base camp. Walked over a ridge to see the moon rising above a very red central massif. Lower down the path we had seen Paul who had told us we might not have any dinner because there were no lighters for the stove. After a few minutes of panic, Alison remembered she had got a lighter. However, we were expecting to have to cook dinner when we arrived at Ario. When we arrived, Richard (who is now my hero) had managed to cook us dinner. Ingeniously, he had used the spark created by short-circuiting a battery to ~~light~~ light a gas stove, & then used that to light the petrol stove. Clever or what? Who needs ~~techno~~ techno-dweebs when you have a practical man?

Jo

P.S. The wonderful dinner Rich cooked us had the disadvantage that the beans were crunchy. He hadn't realised that you're supposed to soak them for hours & then cook them for ages. ~~At the time~~ Not sure whether it was due to the ~~nutritious~~ beans, but the next morning (5:30am → 9:30am) I had the worst case of the shits I have ever experienced. Bring back the technodweebs!

Friday 10th July (The First Trip)

This report is written from the point of view of a novice caver - apparently it will do me good to write up the trip (?!)

We had a fairly late start, mainly because a lot of gear had to be sorted for the rigging. While Fleur, Lev & Paul were sorting this out I hung off Lev's new Sky hook sorting out my SRT kit. It's all brand new since I've never done any underground SRT so most lengths needed changing.

Paul started down 2/7 at about 4 o'clock while we chatted on the surface. Richard and Rhys had helped us carry up the gear and then gone onto the 'starb' to see what was left.

After a while Lev also disappeared as well.

Eventually I was sent down my first descent underground. I had to take a bit of a deep breath to go over the edge but basically it was pretty good. At the end of this ~8m pitch I clipped into a traverse line on a ~~scree~~ scree slope leading down to the 40m pitch to 7th Heaven Squeeze. Fleur followed me down then I had to go over the edge again, this time with a rope hanging off my belt. I didn't notice it on the way down and it made me feel less of a useless hanger on. When I got down to the bottom, into a pit before 7th Heaven, Paul was just squeezing back out. The bottom of his carbide generator had fallen off, onto the only ledge on the next pitch. His back-up was a bit intermittent so Lev went through

the squeeze to finish the rigging of that pitch. When Flew got down we munched on a bit of fudge and chocolate and then she followed Lev with the 4 tackle bags. 2 were left hanging off the rebelay and the others taken down to the bottom. While she was down there I thought it would be a good idea to try the squeeze so I wouldn't be dreading it on my next trip. It took a bit of wiggling and resting I got down to the rebelay and up again fairly happily. The ascent was very long and very bouncy. I spent a lot of time at the rebelay prussiking without actually going anywhere, but I got to the top eventually. Paul followed me up and then I headed for daylight. We sat and admired the view across the mountains as Flew and Lev came up.

As far as I am concerned it was a perfect grip!

Lynn

11/7 Ritts rigged to Sir Graham's Toggles.

- Gear in the cave
- 1 bag rigging gear + ladder } Mr Gripper
- 1 bag 2 x 15m rope
- 1 30m rope loose } Mr Gripper.
- 1 bag 1x10m, 1x5m } → PBBW P.D.

Next trip need ropes, matthews, rope for Pestimists, Sing to Paul + the Balls

DOYLE'S FIRST TRIP IN 2/7 MARK ✓

When I tell you about 2/7, you can forget the depth. You can forget about pushing choke Egbert or rigging details. Forget maillons and thimbles and carbide etc. etc... I'm not talking about the answers, I'm talking about the questions. So here we are in the Cave of the Witches Eye, where the questions get bigger and bigger, and the answers fade out obsolete.

The cave is alive with emotion and feeling. As soon as you step through its entrance it engulfs you with its power. JC, Huw and myself, and Jo, had already had a taste of this power when we peered through the eyehole above the cave's entrance. Something deep within was stirring. Something dark and unnerving. *

The first few pitches provided my first SRT experience underground. I felt as though I was lowering myself into the pits of Hell. After the 7th Heaven squeeze I foolishly dropped my stop down the next pitch. Whoops. Huw was kind enough to retrieve it for me, but JC almost ended the trip there. Fortunately, he gave me another chance.

The rift contained more squeezes and passages, and my light grew dimmer and dimmer. After realising that I'd flooded the generator, I switched to electric for the rest of the trip. JC would rig whilst (helped by Huw), whilst I sat, still, dreaming away. We turned back at the top of Graham's Todger Pitch, and as I prussiked back to reality my awe and respect for the cave grew. I had under-estimated its seriousness, and whether or not I have the determination to probe its soul deeper, time will only tell....

Rich (in a dreamy mood!)

7

12/7/98

Shaft Bashing Around Curicante

JC + Fleur

The aim was to look for entrances on Curicante, as little has been done before and to pop down 48/7, 19/9 and 21/9 which ~~was~~ were all undercanded.

After picking up casing gear from The 2/7 entrance we headed up The Tutuayu - Curicante ridge. We found 48/7 without too much difficulty:

48/7

bearings 083 to Tutuayu
006 to Refugio @ Arica

⊗

Slightly restricted shaft, ~~is~~ balls out into chamber. Pitch is only about ~10m, not the 20-30m in shaft bashing guide. No way on at The bottom.

Next we headed up onto The peak of Curicante, a steep and 'interesting climb'. I decided not to go to the very top as it was all exceedingly exposed. However a lovely view down to Can. But we could find no caves on Curicante itself.

So we headed for the Curicante - Verdabuenza ridge, by an even more interesting route. Very steep. Horrible traverse over big drop. Bigger than I first thought in fact as JC later said we were directly over the deep shaft 9/7 we padded on, but were pretty exhausted so decided to head back. Stepping on the way out:

Un-numbered Entrance

Bottom of small boulder filled gully, to the true right of 3/9

Gaps between boulders lead to small chamber with no way on. Completely choked.

3/9

bearings 020 → Aric
130 → Curcunte

Originally numbered 28/5.

Two shafts adjacent to one another. The lower is deepest, as described in shaft bashing guide. We did not enter this. The higher shaft may be descended for ~ 7m and is a blind shaft. No way on.

Then we staggered back to camp to collapse exhausted + dehydrated. I think spring canyoning is a much safer option. FAL

12/7/98

Returning Casers: A two course meal is excellent.

1. Cabbage Soup ~ Surprisingly Young
2. Lentil + Potatoe Dahl → Also Young

We've gone to the refugio. See you later.

Muchas Gracias, Rhy

Jonathan,

We have taken the ropes to rig down to Rosy Crucifixion. Please bring the ropes for Cemetery Gates onwards. There is 100m of new rope in a tackle bag.

G.

(9)

Lynn to Tony about the meal he'd just cooked.

"Is that the sauce or washing up?"

Ropes in 2/7 at Lead of Pessimists
20, 10, 30, 100 : To rig down to Just Above.

14/7/98 Porting Ropes through Riffs J.C., ~~Rich~~ Doug

Followed the deep rigging team with 2 bags of 100m rope. ^{Doug} Rich coped admirably with the riffs. I sorted out Paradise. ^{Doug} Rich was keen to do down Pessimists, so but I was ^{Doug} less interested. Nice tourist trip.

TONY

Garvin has rigged to top of ROSE CRUCIFIXION. ~~PLEASE~~ HE STILL HAS 100m of rope left. + 1 ladder!

15/7/98:

BILL: "DO WE KNOW WHO THESE IRISH PEOPLE ARE?"

ALISON: "I'VE MET THEM ONCE; THEY'RE SOME PEOPLE FROM IRELAND"

14/7/98 Garvin, Fleur, Martiz S.

Continued rigging the cave from Pessimists onwards to the top of Rose Crucifixion. 100M of rope, some rigging gear & a ladder left at the top of the pitch. In at 10 A.M. out at 12/01 A.M. (a minute late for our ETO (!!!)). This was my first trip into the cave & I was impressed with it's lack of mucky bits (so far) & in general, loose rock. This pitches are also rigged excellently which is a great help as you don't want to be

going deep & worrying about rubs etc on the way out. As we were getting deeper & deeper into the cave I was becoming more concerned about the severity of the return journey through the "tight bits" at Paradise, The Heaven & hole for idiotic anorexic whippets (something like that). I found that it was difficult but would become easier with practice & a certain re-arrangement of ~~the~~ kit, at one point I thought it might be a bit beyond me but maybe a 500M acclimatisation trip is fairly severe? I look forward to the next trip, Marti S.

15/7/98 JC, Lynn, Keith
Street Area 9 Shell Bash / Skash Carry

There are skylights into the main La Jagoda rift, landing on boulders for the S end. I doubt if anyone has ever descended them, just looked from below

Beautiful day for finding caves. We were aiming for some un-descended shells between Covicentre + La Verdunilhange, 19/97 21/98. Climbed on ridge above La Jagoda post 2 obvious deep shells which we presumed dropped into La Jagoda (Does anyone know if this is the cave?) Then onto the rocky ridge above. Started on the left-hand side where most things seemed to end then Lynn + Keith went left (East) and I went West.

I found a small creek amongst rocks which dropped for about 15 ft. Climb down revealed this to be checked at the bottom.

Bearings Aris 3rd, Covicentre 112°. Naved 23/98 but not tagged.

untagged

24/98 - A small vertical entrance that looked like it opened up after a squeeze. Keith didn't fancy the look of it so I climbed down. I managed to get most of my body past the squeeze but there wasn't actually anywhere to go. I could feel all the walls and floor with my feet and there were no obvious holes. As I moved around there were sounds of rocks falling a short distance below me.
Lynn

Location 037 Aris, 114 Covicentre (S Peak) Below ridge on shell and plate.

(115)
The Exciting Find.

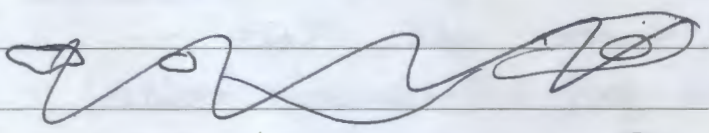
We met just before the summit on the ridge where 3 rocky knolls
surround a depression with many (at least 8) shafts. This
lies roughly halfway between La Vedvallaenge and Coviale, though
on a direct line between the two, though neither are
visible. The shafts lie just below the summit of what is
probably marked EV. 1938 on the Adirondack map.

The first shaft, 25/9A was a large open shaft with a 30
(at least) drop to snow. Our rope was only 40m so we left this.
Down slope was 25/9B, an obvious continuation of the 25/9A rift fault.
This was rigged but a 10m pitch landed on a boulder checked floor
with a small patch of snow. 25/9C was then investigated
which consisted of 2 shafts separated by a rock bridge
accessible by a 32d the hole from a 3rd depression. No way
on beyond snow.

Finally 25/9D was 2d rigged. This was a 10m open shaft
with a snow plug, with access via a higher depression. Above
the snow plug 10-15m of rift/crunch ended in a small
chamber with sky lights. Below the snow a gap between rocks
gave way to a 20-30m pitch. Rocks easily fall down this
pitch and proper carig gear would be sensible for descent. We
left the rope rigged down the snow-slope and belayed above
the pitch, 25/9E.

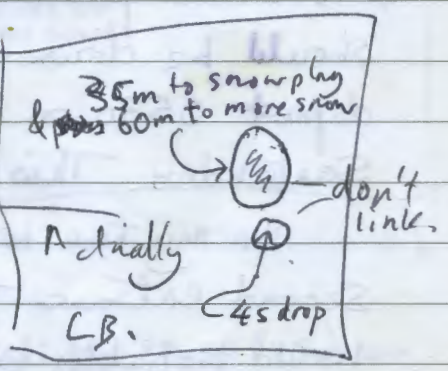
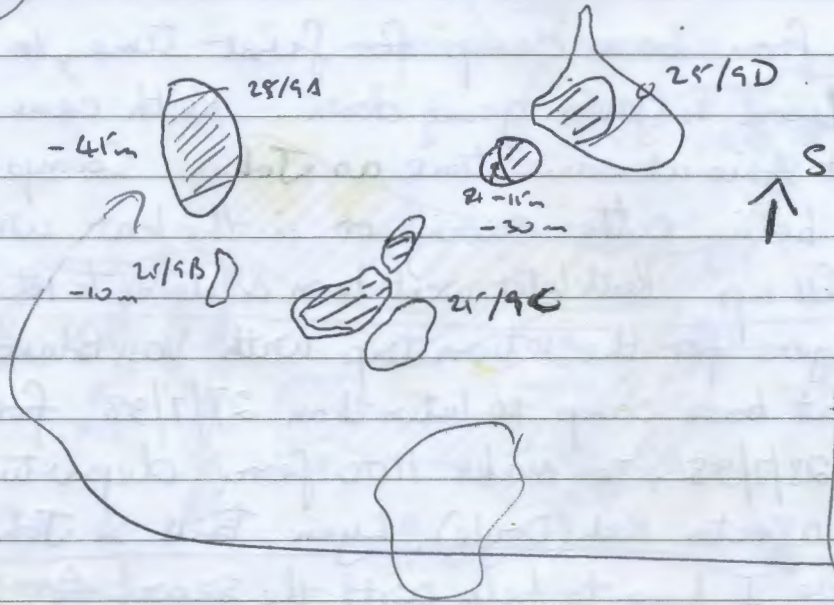
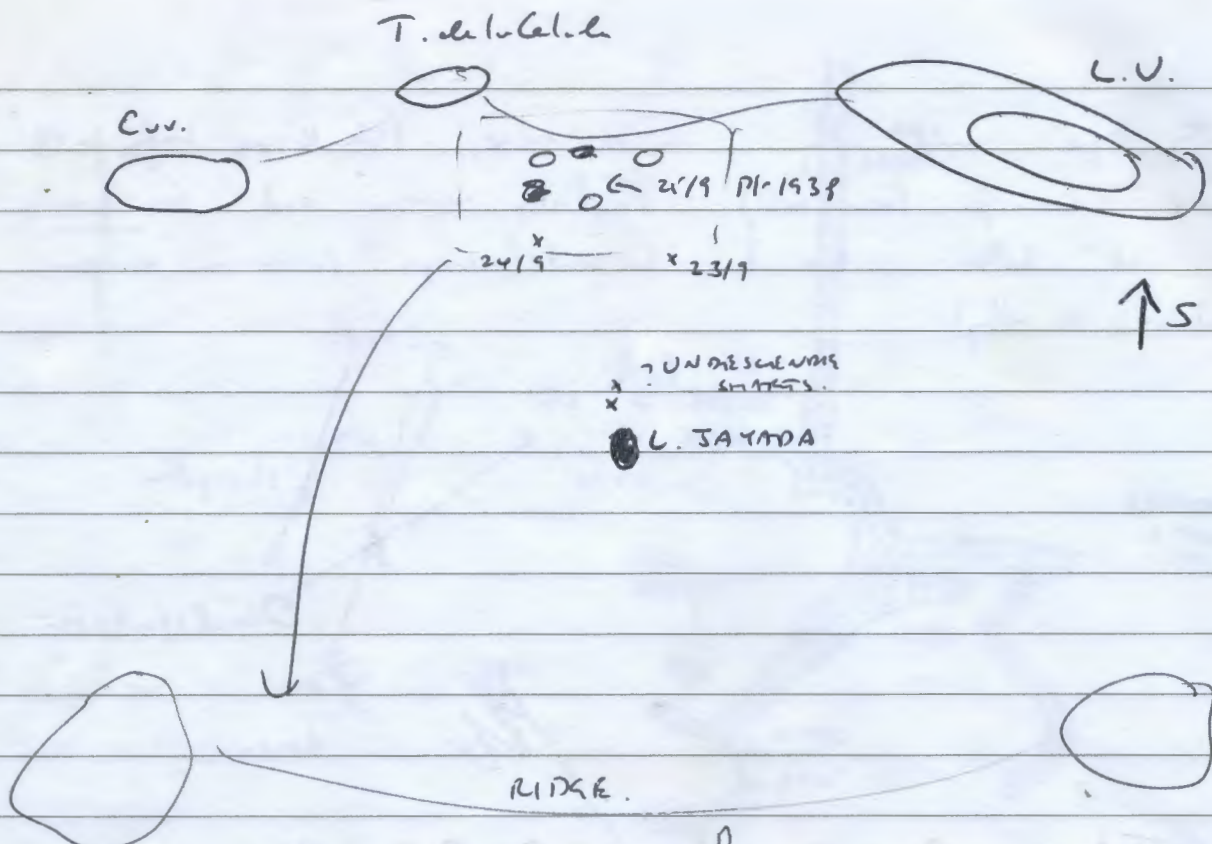
Only 25/9B was rigged, though tags have been made for
25/9A + 9D. A bolt kit would be useful for both in descent
pitches.

A final shaft 25/9F was added ^{to} the west of these
shafts.



SL.

NB See 16/9. Probably Same Caves.

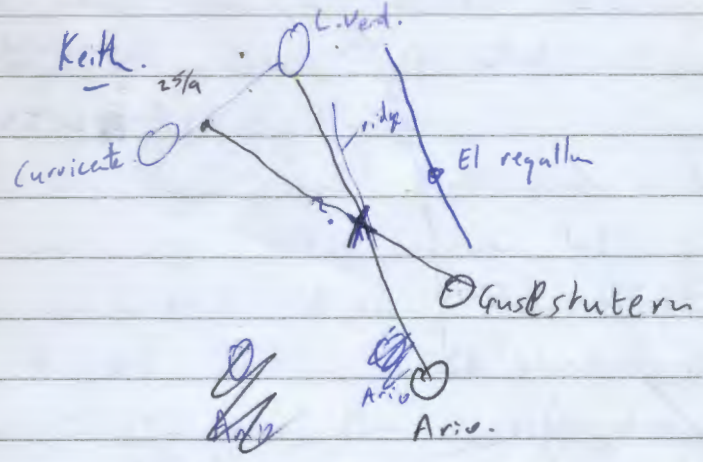


2 Unmarked Entrances

On the way back to the Arco path (base soil 4) from 25/9 I found a couple of unmarked entrances - not huge holes but they seemed to continue (unentered). Unfortunately the location description I'm about to give is so poor that I doubt anyone will be able to find them again. They are on the Eastern side (hardly high up) of the ~~ridge~~ ridge which forms the Eastern side of the ~~valley~~ vega which has El Regallón on its Western side. In a rocky area (ie: not grassy) at the bottom

(B)

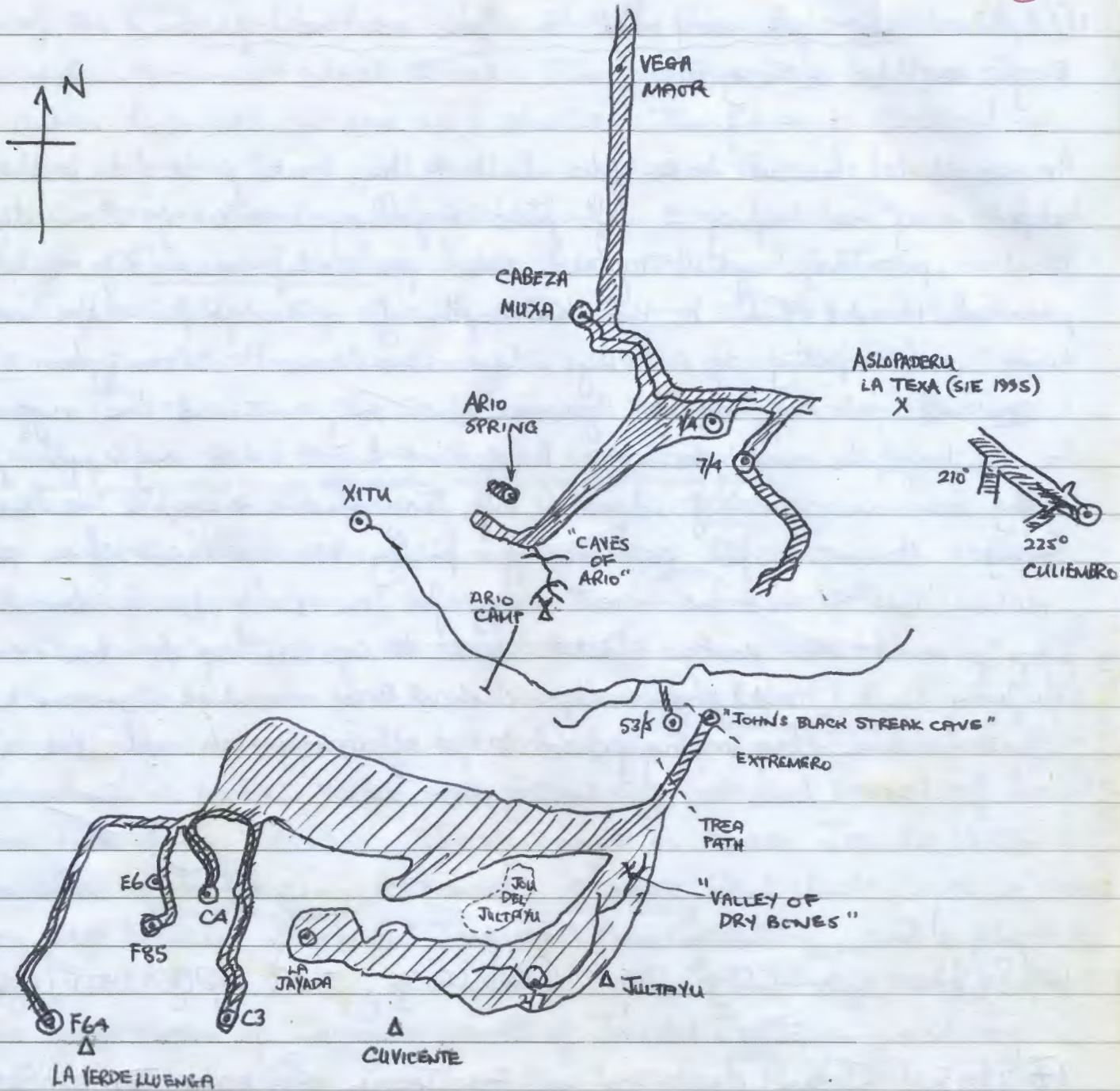
of a rift type small valley in the ridge (like the one leading to the top camp snow plug (nearest one)) its fairly narrow and lies directly along the line between Arrio & La Verdellana (which can be seen at either end of the valley)



16/7/98 John up from base camp for first time, in morning, meeting Fleur, Allison & Gavin going down. Keith came up later & arrived at Arrio at same time as John. Camp was deserted, the rest being either caving, or in the bar waiting for the water to fill up. Keith later went down & intends to return this evening. (Lev please note)

* Note that passengers for the return trip with Van Blanc Travel should be down at base camp no later than 27/7/98, for strict depart 0530 on 28/7/98, to make 1100 ferry departure at Santander. This affects Rich (Doyle), Lynn, Bill & John (driver).

In my time here I hope to help with the search for a second entrance to 2/7. The digs in the "Valley of Dry Bones" would probably enter Postman Pat & be no help in by-passing Choke Egbert. 53/5 has had a lot of attention but has got nowhere despite its very strong draught - it is probably heading for Xitu anyway. Over the other side of Extremero "John's black streak cave" appears to be choked with boulders. Perhaps. the best areas to look are just at the end of Extremero where the drop to the gorge begins, and downstream of the C3/C4/F64 Sumps - I have predicted by dowsing that this cave continues and has the potential to bypass Choke Egbert (see map).



Dowsing reactions obtained over many years (chiefly 89, 92, 95) are shown hatched, and known caves are shown as solid lines. The extremely strong reaction for Xitu, which masks everything else, is not shown above, to prevent undue cluttering. If 2/7 does not drop into Xitu, it may continue under Extremero (but above Xitu) and a corresponding reaction has been found leading to the vicinity of 7/4. This is also predicted to join the waters from Vega Maor, Cabeza Muxa and the "Ario caves", heading towards Culiebro. Note the position of Aslopaderu La Texa (SIE 1995) also.

I hope you like this bullshit,

John

(15)

15/7/98 Jo gets very tired & swears at the rifts
Rhys, Lev, Jo & Tony

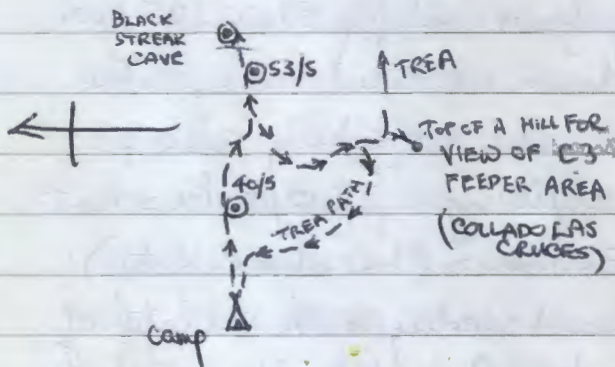
An accidental lie in made the walk to the cave a bit of a bastard, not helped ~~by~~ me having 2 left feet & falling over every 2 minutes. Went up to the eyehole to take some piccies & found a dig site with the potential to add 30m to the ~~the~~ depth of 2/7. Rifts on the way down were pretty OK. Rhys & Lev went down to Armaggon while I shivered at the top of Pessimists pt. Tony continued the rigging to Cemetery Gates and ~~the~~ us 3 headed out. I lost my temper pretty badly at one part of Paradise Rift, and had a 'mare at Paradise Squeeze. However, I felt OK when I finally reached the surface, only to realise that I had no more energy for the walk back. Lev & Rhys persuaded me that I didn't want to go to sleep ~~on~~ the mountain halfway back, and I eventually reached Arco, somewhat incoherent. Great cave - I'm looking forward to a return match with the rifts.

Jo

16/7/98 "Carry on Caving" - A good trip!

17/7/98 John dowsing in Extremes & near Trea Path

Route:



This was an afternoon of mixed results: on the one hand nothing was learnt that was not already known; on the other hand I gained a much better appreciation of the area we have to cover for looking for a second entrance downstream of

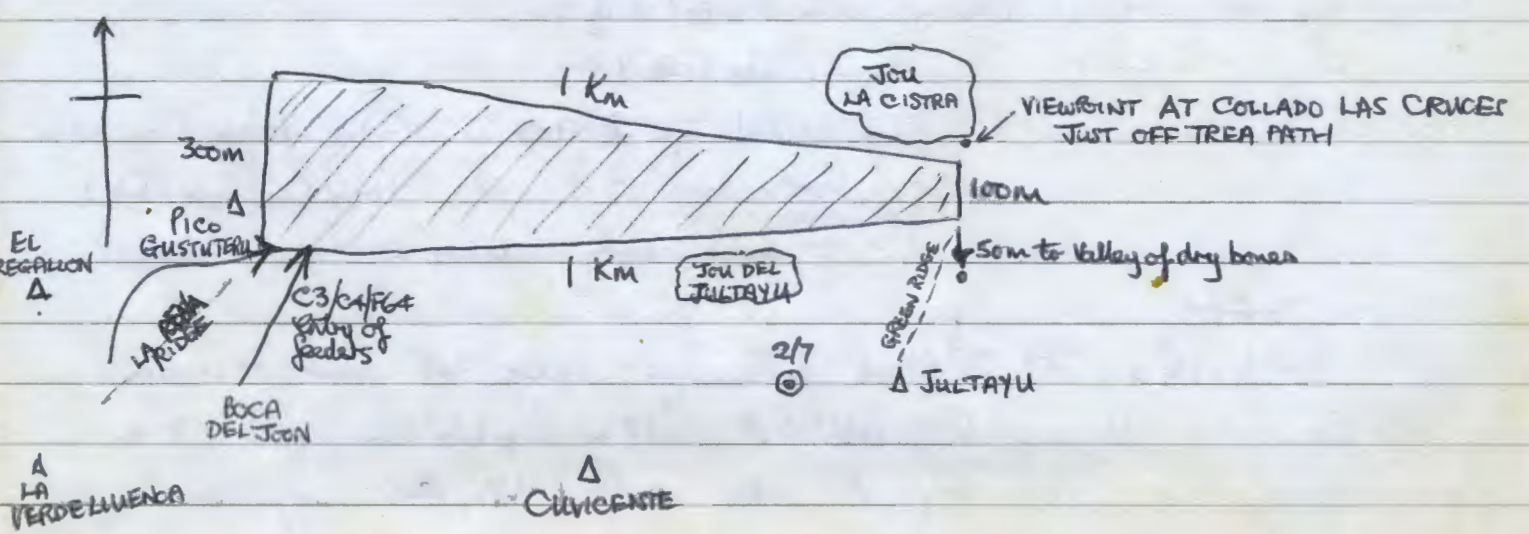
C3 which has the potential to by-pass Choke/Egbert, Black Streak Cave This is right over the reaction for downstream 2/7. It is low in Valle Extremero on its northern side, at the

base of the Cabeza Llambría cliffs, directly below the large dolomite boss and a prominent black streak. The pastores have built a stone wall across its mouth, for use as a shelter. The floor is covered in boulders, obviously block fall from the roof, and there is no obvious way on. There must have been solution, however, for the cave to form. The cliffs of Cabeza Llambría have many solutional features, some of which give the impression of cave entrances - all are blind however. 53/5 maintains its dramatic draught - it was fairly whistling out today. This cave is on the south side of Valle Extremero further up the valley from Black Streak cave, and is separated from it by a transverse ridge ^{A small spring emerges from a rift nearby, and there is a stagnant pool.} in the floor of the valley. 40/5, again used by sheep is on the ~~same~~ ^{west} side of the upper valley. It contains a network of pneumatic passages. None of these seem to have further potential.

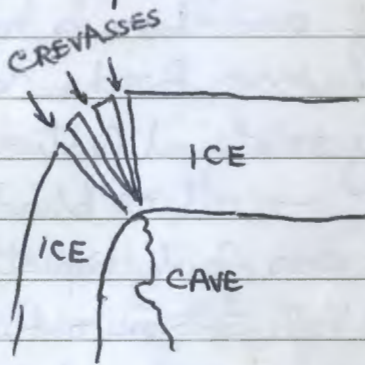
The best place to view the suggested shaft-bashing area below C3 on its way to Culienbro (which will by-pass Choke Egbert) is the top of a hill above a right-angle left turn of the Trea path ^{at Collado Las Cruces} just before it descends to a narrow valley with yellow sign-post and branch of the minor path down Extremero. The view point is above Jou La Cestra.

Dumper "315 mill" on left.

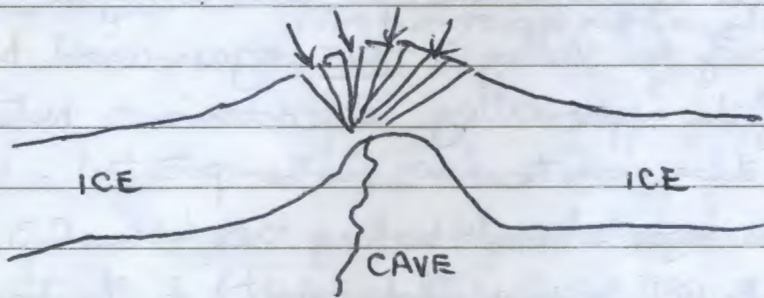
The area is ^{trapezium} ~~trapezium~~ shaped, running almost West-East, with a 300m W long edge between ^{a point 700m north of} Boca del Joon and ^{200m north of} Pico Gustutera, and a short E 100m edge ^{50m} north of the "Valley of Dry Bones". The S long edge runs along the lower slopes of Cuvicente, north of Jou del Jultayu, and the N long edge runs from ^{200m north of} Pico Gustutera to a point ^{150m} N of "Valley of Dry Bones", and S of Jou La Cestra. We are not interested in Jou La Cestra since this concerns Xitu and its tributaries.



Why are the caves in such crazy positions, at the tops of mountains, edges of gorges, etc. We must remember that they were formed in the glacial period, under ice, when the land surface was up to 300m higher.



Ice flowing down into a gorge will have crevasses down which water flows, and thus the cave is on the edge of the gorge.



Caves will similarly be formed where the ice rides over a hill or ridge.

John

17/7/98

Shaffbushy - Area 9

Keith & Pete

① 26/a a, b & c

3 holes at the bottom of the southwesterly (northwesterly) slope of Gurtterera, 1/2 hour from Ario.

Bearings from 26/a a:

Curvicente $\approx 162^\circ$

La Verdellangua 290° (not visible from above - being from just above)

He corners.

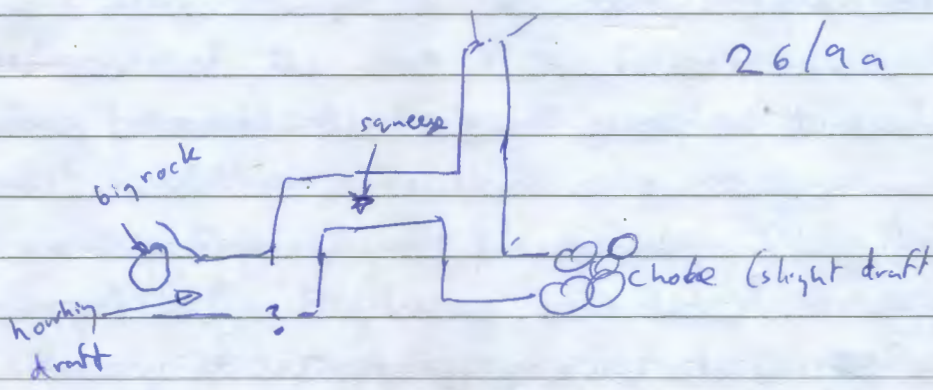
Located in \wedge 2 small rocky depressions

26/a

26/a a

start - \wedge climb down in corner of higher depression to head of 10m pitch in rift. One way at bottom too tight, other way chokes, but

Doesn't can see through & way through may be possible for small determined suicidal cones, but probably not. Slightly drafty. More promising lead is through squeeze ('fun' with gear on - I got pretty stuck!) 1/2 way down the rift. This leads to a second way down the rift which looks ~~very~~ promising - it has a HOWLING DRAFT. This bit wasn't descended (possibly free climbable), but a large boulder was visible on the far side, possibly with a way past. Definitely worth returning to.
 Best rigged.



26/a

26/a b - Hole in opposite corner of depression to 26/a b (possibly same rift) seems choked but not looked at properly.

26/a c - Hole in corner of another very near depression (same rift line). Tight squeezey entrance - unentered. seems to choke but possibly not.

○ 25/a a ("Bridge Pot")

We went to check out the final shaft that Lev had identified yesterday. It lands on the same snow plug as the other shaft - both entrances are

(H)

obviously visible from the bottom. The bridge that isn't
a bridge is a bridge - Bummer.

Keith.

Bill :- What do you call those squidgy things? Your ~~intestines~~ intestines

Bill : There's only one use for a condom - you put it over your head +
blow it up.

Rhys look at the stars. They're all blurred

Rhys (to Bill) - I'll take you, if I'm not going caving the next day

Paul :- ~~Stab~~ Stab, suck + spit it out.

Bill :- I'm touched

Jo - I'm sorry about that, I don't know what came over me.

Bill "Us one of Satan's Drivers isn't it?"

17th July - Riggery to Big Ledge - Garin & Fleur

An efficient trip left camp at 8am (!) and sailed through the rifts to the obligatory pile of tackle bags at the top of Persimists. Taking a couple of bags each we continued down the shafts. Still very impressive, but not as impressive as what was to come. Garin collected another bag in the Crevels: "I might go a bit slowly now as I've got three tacklebags", he still went twice as quickly as me.

You can hear Just Awesome long before you see it. In the small chamber at the end of the Crevels Garin recounted having discovered it and jumping up and down with joy, whilst William muttered 'I say' and comments about the stability of the floor.

Then Garin rigged to the big ledge, whilst I struggled on behind with 3 bags of camping gear. Got myself in a terrible knot at the pitch head, and on the traverse, and the next take off, and the rebelay. I was a mobile tacklebag tuckle.

The main free hang is incredible. If you know where to look you can just make out the waterfall, Garin pointed it out, but I needed my Halogen to see it. This place is HUGE!

Just time for a brew before heading back out. Met JC and Tony at the top of JA. Just Awesome I bought JC my balaclava, almost resulting in tragedy as I then drop my bandana. Thankfully it did not go down JA and was retrievable. Abuse was then exchanged, before heading out to a beautiful sunset. Excellent, I do like this cave. PAL.

(21)

REQUEST

When people take ^{pigs of} carbide into the cave can't be broken up first, please. Some of the lumps down there now are quite large, which is a problem, especially if you have a smaller Malham generator.

Thank you.

18/7/98 A little homily on the subject of water supply and camp hygiene:

Martin's kidney/waterworks problems lead me to believe that he had been drinking too much untreated water - his last words to me were "one reason for going down is to get a decent drink at Bobias spring" (which is safe).

We have improved the water supply at Aris camp in two respects: 1. Use of the second spring first found by dowsing in 1992, when it was in fact dry. This spring is much nearer to the camp, and also this year has a delivery rate twice that of Aris Spring. The original spring has been blocked with stones and a hosepipe leads to a cattle trough. We ought not to leave the water containers there all the time, however, since then the cow trough dries up, and it is in our interests to have the cows drinking lower down than us. Water containers should be wedged with stones to stop the cows knocking them over. Any containers mixed with cow shit must be washed off, and the water in the container then discarded. It is the job of the water-carrier to add a water purifying tablet to the container immediately on return: $\frac{1}{4}$ of a Micropur tablet per 25l container. This is a non-chlorine purifier which takes 2 hours.

2: Fetching snow from the Aris Cave in the centre of the depression. You will see some wires/loops, and also a shovel for the snow. Put it in a tackle bag and then dump it in the large white drum for melting. This (in addition to being our wine cooler) is to be used exclusively for washing up: add one Milton

tablet to a pan of water before boiling it.

Water for water bottles should be taken at least two hours after sterilising the water — if you really want to be sure the water should ideally be boiled, or you can use one Puritab per litre, but some people don't like the chlorine taste!

For most of your water intake (at least 3l per day) you can use boiled water in tea/coffee, soup, cooking, etc. Cold water must be sterilised, e.g. for fruit drinks, with Mornflakes, etc. I actually use the boiled water for the tea on my Mornflakes.

Be frequent with your personal hygiene as well. All cooks and washers-up must wash their hands in disinfectant before beginning their tasks (even if you're just casually making flapjack, or cooking yourself an egg).

Of course you should also wash your hands in disinfectant after a trip to 15/5.

John

16/7/98

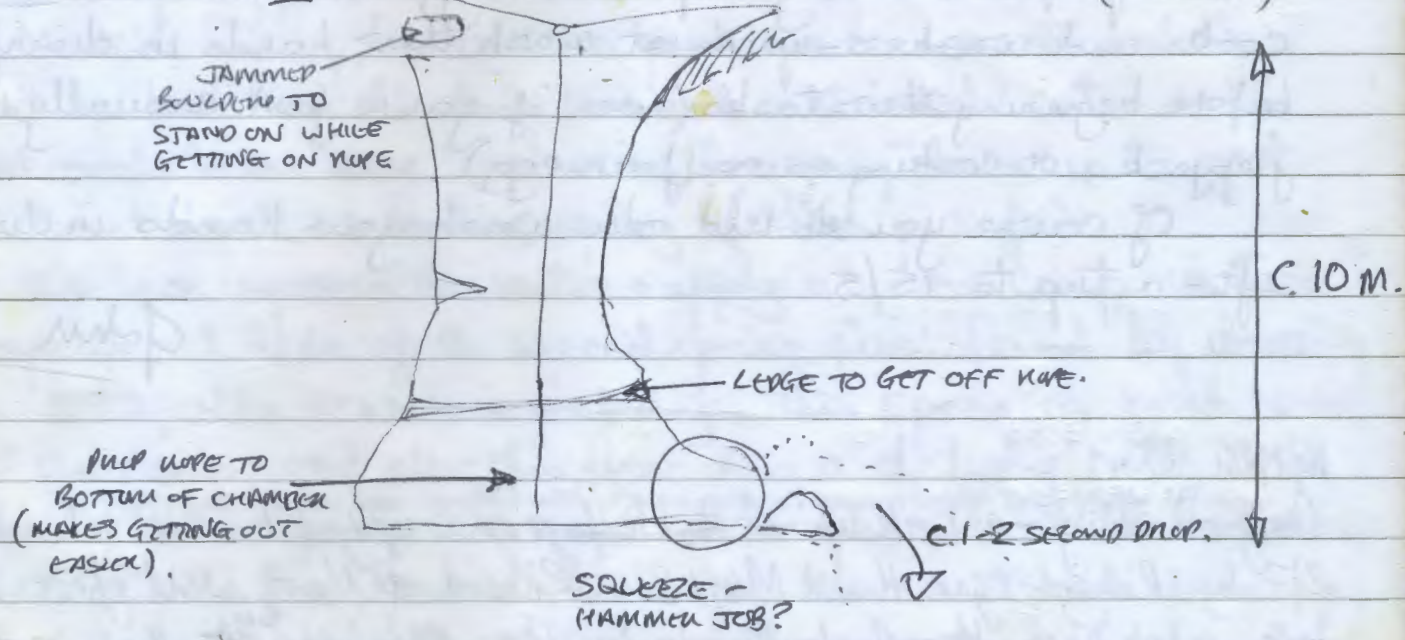
Carry on caring — a write up. 4 tackle bags of camping kit were taken up to 2/F by Richard, Lynn, Huw & Martih S. Richard & Martih went first & took a bag each through to the top of Flying Re-belay. ^{They} We then went back & helped with the other 2 bags. At the bottom of the ladder Lynn decided that she'd head out & Huw went with her. By all accounts they had a good walk up to the top of Jultayn via the witches eye. Richard & Martih decided to "Carry on" into the cave with the 4 bags as originally planned i.e. to the top of Pessimists. ~~We~~ They quickly fell into a routine of Richard going ahead & Martih passing the bags, (ad almost infinitum!). This was thought by Martih to be very efficient & certainly less tiring than trying to stumble along with 2 bags each. At the large climb down we had to link them all together so as not to drop them, Martih was heard to utter "what a carry on" & the trip received it's title. We eventually got there & headed out in time to walk back to trio in the daylight, a large bonus, especially with the lovely sunset & Ceres Gorge filled with pure white fluffy clouds. Richard nearly cracked his

(23)

head open in a fall but said it was all completely controlled - fell that to my adrenal gland. I highly recommend the "passing bags forward in a cascade style" method, it saves not just energy but probably wear & bashing the bags too. Martin S.

18/7/98. SHAFT-BASHING : LYNN, JOHN & BILL (C)

SET OFF WITH A VIEW TO FINDING & INVESTIGATING KETH'S CAVE; DAMMED IF WE COULD FIND IT (THE COMPASS BEARINGS SEEM TO BE PHYSICALLY IMPOSSIBLE!)! AFTER MUCH UP HILL AND DOWN DALE (~~EXERCISE~~) WE EVENTUALLY FOUND A CAVE: A SINGLE SPIKEY PROJ IN A RIFT (C. 10m).



THE PITCH MAY BE FREE-CLIMBABLE, BUT I WICKON TO DO SO WOULD BE DUMB! THE SQUEEZE NEEDS EITHER A SMALL PERSON OR A HAMMER. THERE APPEARS TO BE A DROP BEYOND THE SQUEEZE. WHOEVER GOES NEXT SHOULD PROBABLY BOLT THE PITCH AS MY MUGGING (LEFT IN SITU) IS DOGGY IN EXTREMIS (IT HELD THOUGH!)!

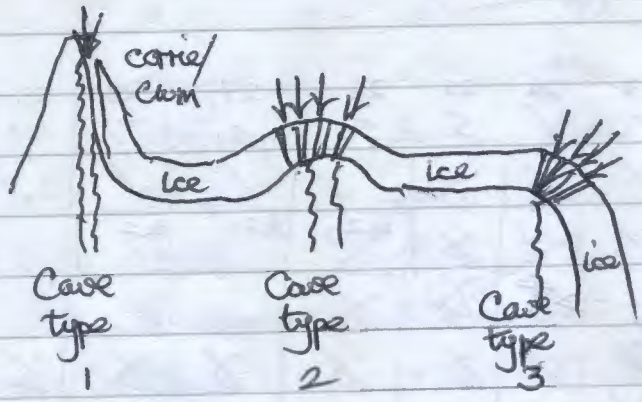
HOW TO FIND THE BUGGER:

IT'S ON THE S. SLOPES OF PICO GUSTUTULO (WITH A CAVERN A FEW M. AWAY -> AVICLO)

- MAGNETIC BEARINGS: CABEZALLAMBRIA 065°
 - JULTAYU: 118°
 - CURVICENTE: 56°
 - LA VOLD: 218°
- } TO BASE OF SHORT CLIMB STRAIGHT UP TO CAVE.

ON THE WAY UP THE VALLEY, JUST ~~BEFORE~~ AFTER THE CLIMB THERE'S A DAMN GREAT BOULDER; PASS THIS AND YOU'VE GONE TOO FAR! (L)

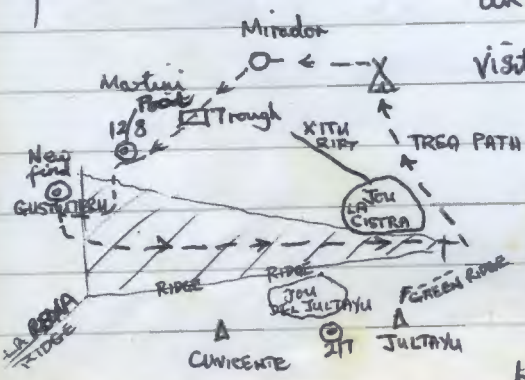
18/7/98 Part 2 of my lecture on Alpine Karst:



The glacier starts as a snow field in a Corrie or Cwm. Water runs down between the near-vertical wall of the Corrie ^{& the ice} to form Caves of type 1: examples are 2/7, F64, F20 and C3. Caves of type 2 are formed via crevasses where the ice rides over a ridge. In our case caves of this type may be found below Jultayu after passing the ridge north of Jou del Jultayu (i.e. on the south side of John's trapezium), ^{on the little ridge below Cuvicente ditto} or around Ico Gustulere for example. Caves of type 3 will occur at the edge of the Caves Gorge. I have already visited the end of Valle Extremo. The cave reaction for 2/7 is strong there but nothing is visible because of scree & boulders. A similar cave/caves may exist down the Canal del Trea. Caves may be found on near-vertical cliffs which will need ropes for access.

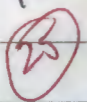
John

18/7/98 Shaft bashing route Bill, Lynn & John. The easy way in was taken (only 1/2 hour) via Lagos path, striking SW from the Mirador on a set of path then up a valley with cattle trough towards the NE flank of Pico Gustulere. In an abortive attempt to follow Keith's instructions, 12/8 was



visited. It is described as 10m to snow plug, 3m climb up as well to reach crant blocked by a single boulder - this may go further? Passing through the NW corner of John's Trapezium we located the new find previously described by Bill (see left). Is this the same as Keith's find? The bearings are not the same, and 290° to La Verdelluenga seems impossible! Is this the same as 1/9? In my view it has potential anyway - temporary rigging left there, but will need both for more permanent exploration. After this

John gave Bill & Lynn a familiarisation trip through his "Trapezium", and the return to camp was made through the "centre line" by an easy path in the valley / possible location of new cave, then via the Trea path back to camp. John



2/7 Trip & portering plan

	19	20	21	22	23	24	25	26	27	28	29	30
	S	M	T	W	Th	F	S	S	M	Tu	We	Th
Paul M *	3	2	2	2	X	X	X	✓	✓	✓	✓	
Lev	2	2	2	2	X	X	X	BL2	BL2	BL2		
Gavin *	0	3 3A	3A	4	4	4	X	X				
Martin *	0	3	3	3	3	X	X	X	X	X	X	X
Richard	DP2	3 3	3	3	3	X			BASE	FERRY	X	X
Fleur	DP3	PA	4	4	4	4						
Rhys	0	PA	X	5/6	5/6	5/6	5/6	5/6	X	X	X	X
Hugh	X	PA	X	5/6	5/6	5/6	5/6	5/6	X			
Debe *	DP2	PA	X	5/6	5/6	5/6	5/6	5/6	X			
Alice	X	PA	X	5/6	5/6	5/6	5/6	5/6	X			
Keith	DP2	X	PS	X	X	X						
Alison	DP2	X	PS	X	X	X	?	BL2	BL2	BL2	X	X
Jo	DP3	X	PS	X	X	✓	✓	✓	✓	✓		
B.11	DP3	X	X	X	BL1	LDG6	BL1	X	BASE	FERRY	X	X
Lynn	DP3	X	X	X	BL1	LDG6	BL1	X	BASE	FERRY	X	X
John (Irish)	X	X	PS	X	X	X						
Tony	✓	✓	X	X	X	✓	✓	✓	✓			

2/7 Schedule of personnel

Primo	In	Out	Parbers	Wlen
Trip 1	J.C.	Fri	Mon	
	Tony	Fri	Mon	
Trip 2	PMM	Sun	Wed	
	Lev	Sun	Wed	
Trip 3	Moffin	Mon	Thur	
	Richard	Mon	Thur	
Trip 4	Gavin	Tue	Fri	
	Fleur	Tue	Fri	
Trip 5	RLys	Wed	Sat	
	Alec	Wed	Sat	
Trip 6	Pete Rich	Thur	Sun	
	Hugo	Thur	Sun	
Trip 7	Tony	Fri?	Mon?	
	Jo	Fri?	Mon?	
Trip 8	? (by Keibl)	Sat	Tue	
	Keibl?			
Trip 9	Paul	Sun	Wed	
	? John (Trish)			

Trip 5	Hew	Wed → Sat
	Rich	Wed → Sat
Trip 6	Rhys	Thurs → Sun
	Alec	Thurs → Sun

Big ledge

BL Trip 1	Bill	? Thur - Sat
	Lynn	? Thur - Sat
BL Trip 2?	Lev	? Sun - Tue
	Alison	? Sun - Tue

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Fri 17/7/98

Shaft Bashing in the Shaft Series 2/7

Maw, Rhys, Alec, Lev.

The rigging guide mentions a couple of leads near Sing to the Devil. Tony said they would be worth a look as they had probably been forgotten about in people's rush for the depths. First we looked at the large hole that is traversed around at the base of the pit. This slopes back into the main shaft. I ended up ~~about~~ almost being able to touch the rope hanging down. The Bells.

Then Alec looked at the parallel shaft to Sing to the Devil. This joins back in to Time to head out.

A fun and efficient if unsuccessful trip.

Maw

18/7/98

Portering in 2/7

Keth, Alison, ~~Rich~~ Rich, Pete

After a hot walk up in the midday sun & a peer through the witch's eye, we headed down 2/7 for myself & Pete's 1st trip down the cave, carrying 2 tacklebags of rope & 2 of camping gear. Got through the squeezes O.K. on the way down (squeezes? what squeezes?) although the ^{top of the} ladder bit proved a bit more fun! Lots of swearing at tackle sacks on the traverses, & an almighty thud as Richard fell off one, nearly pulling Alison down too who was clipped to the same traverse line. My new Pisma decided to be a complete arsefuck as well, unscrewing itself with every 2 steps I took & as a result throwing itself down the final pitch/diamb in the rifts. And then there was the bit where I thought that Alison had gone "downwards" in the rift so I followed as the rift got wider & wider, turning into a pitch (without a rope) - "Am I really supposed to free climb this?" I thought, "Oh well, no-one ever said 2/7 would be easy (or safe!)" Fortunately Richard pointed out the right way to me before I plummeted.

down!

Pumped the tackle sacks at the top of descent. He headed out. The rifts seemed 4 times as short on the way out & before I knew it we were at the foot of Seventh Heaven. Managed to get stuck in the Seventh Heaven Squeeze for quite a while with my gear on. Discovered, after 2 years of caving, the joys of being able to prussick properly - in all this time I'd always had my harness leg loops too tight so that they forced my legs out rather than letting them go downwards - hell of a lot easier now!

Out around midnight - not the fastest trip ever but it could have been worse, certainly a tough cave (think without the shaft series!), but a nice one overall & hopefully it should get easier with practise!

Followed the "levitating Thumper" back to Aris.

Keith

19/7/98 An Administrative Note about water supply.

Last night we had a visit from the "pastor of the goats" who was irate about our using the second spring, and he said it was "only for the animals". Certainly the animals have very little water, and it is best that we do not use the second spring any more.

Aris spring is running slower & slower, but we will continue to use it (several hours to fill a container, and there are hazards of Spaniards using it to fill their bottles, and cows knocking it over/mixing it with shit).

The snow plug in the centre of the Aris basin will continue to be of use until it is all gone. We have been experimenting with filtering this water before sterilising it, and it may prove our mainstay - this should be no new experience since the old top camp & the snow pole camp used snow exclusively.

We have begun to use the supply at the trough called "Martini

24.
Pool"

~~Pool~~. This is 15 minutes away, and the container currently takes 1 hour to fill, total 1hr 30 min/trip. Take the Lagos path to the Mirador, then strike SW on a fair path to the visible valley on the NE flank of Pico Gustatere. There is a trough at the spring. It might be as well to "sign out" for these trips. John

P.S. Aris Spring is only delivering 5l/h today, with much hassle from Spaniards, horses, cows, etc.

Suggestion for dump (at camp?):

(Given that some of the new fismas are dodgy & Paul & Keith have already dropped theirs down pitches already):

- Spare generator (or at least the bottom bit).
- Spare electric lamp batteries.

Gravin - "Dave should be coming out soon, I assume school terms have finished by now"

Richard - "Why, is he still at school?"

Returning covers:

Soup and stew to eat.
Some pasta already cooked.

Thank You!!

PORTERING

- 2 tackle bags of pits at Bottom of Graham's Todgeg ^(Tighean rita)
- 2 tackle bags of rope near end of rifts.

Sorry didn't go any further - cracked covers and lack of time.

20/7/98 Martin has been to hospital, and an X-ray has revealed a kidney stone (Peter took him to hospital in Arriondas). He has a supply of pain-killers and he is driving himself back to Britain! This means that Trip 3 is cancelled. Richard will team up with Huw for Trip 5 (in W 22, out Sat. 25, beway Sun. 26, base Mon. 27 for ferry T. 28, leaving 0530 with John, Bill & Lynn). Peter, Huw's original partner, does not mind taking a later slot.

The Aris Spring is now almost useless. The refugio wooden has noted that we have taken some snow, and says he does not mind us taking a little, but he uses it for cooling his drinks, and if we take a lot it will not last till August. He admits that water supply is a problem, and has protested to the park authorities that the land is over-grazed. He himself drinks none of the water up here, and relies on bottled beer and water! Our best plan is to rely on the Martini Pool Spring from now on.

John

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Plan B

	in	out
Tuesday 21	(4) Fleur & Gavin	
Wednesday 22	(5) Huw & Rich	Paul & Lew
Thursday 23	(6) Rhys & Alee	
Friday 24	(7) Pete & Tom Tony	F & G
Saturday 25	(8) Tom Dave & Tom Harvey	H & R
Sunday 26		R & A
Monday 27		P & T
Tuesday 28	Keith &	D & H

20/7/98

○ 72/5 On slope overlooking Jon la Cistra, about 150m W of normal Juktaya path. Bearings: base of Jon, 0°; Grotto 276°. 2m diameter, 5m deep pit; might have rift leading off at bottom.

20/7/98 Monday Pete, Alec, Huw 2/7 Portering

4 Bags taken in. 4 Bags collected towards end of rift. All 8 deposited at head of Pesamits. In 10:10. Out 1:45.

17/7/97 → 20/7/97 DISCARGUE CAMP Tony & JC

→ What we did briefly on our camp
 Friday. Down cave at 2, at camp by 6. Surprised by general lack of Kik to pick up so thanks to peters. I set up camp / brewed tea whilst Tony rigged the final pitch at JA and drilled Reed or Mine into the London Underground, we'd missed the drilling eye of Armageddon so he had a slightly more grippy time. Whilst Tony rigged I had a patch around the ledge. Had a little look at the uncracked ice on

the far side then decided to see where the
 i-ld' on the near side (Dye found from the shafts)
 came from. One hold more and I was on a ledge.
 Followed the streamy for a short while until it
 petered out but **MORE IMPORTANTLY IT**
LOOKED AN EAST BOLT TRAVERSE TO THE
ST.MTS OR THE CONDON UNDERGROUND; i.e.
 no down 50m, up 50m and on how of the trip
 to the end.

Bo Tony back at 9:30. Susie's stew for supper
 Bad dr ~~12.11~~ .11.

Saturday: Up dr 9 and off down the ice dr 11.
 Rerigged J A 3 to give a superb free-hug from
 pit-way down the wall and no dodgy hanging
 rebays. Pookled up the ladder - Underground to
 2-way (ended with a 2). Tony's big light was
 used to pick out leads at the top. Rerigged
 2-way with 6-7 new bolts and much nicer hangs
 ? HAS ANTONIE FOLLOWED 2-WAY AHEAD ROCK
 LEAVE RATHER THAN DOWN TO THE STREAM.
 THIS COULD BE ROUTE.

Carried on post Primula Pit to look for
 our climb in Postman Pit. Concluded climb had
 been in BOD as we got to the dodgy drift
 at the top of PP with no sign. Well gipped. Back
 to camp by midnight and v. late night.

Sunday = Friday. Headed upstream! Round the L.O.I.E.
 Some construction as to whether to drop the pitch or
 try to traverse as Tony + I had seen hold different
 stories. Went for the pitch, which is only a 7-8m
 drop "TOUCHING CEILING" to a couple of fine cascades
 then 100 → 200m of fine classic stream passage.

(23)

It's really excellent. Someone must go back because it is beautiful. Turned back by deep water, but this looked really good especially as there is a good sort near the W-ly Soup. On the way back Tony divided into an inlet "COAM INLET" in a large channel "COAM COANRA" where the passage continues. Back at the point down stream hit's deep water after 30m or so.

On the return we decided not a few more miles with the big boat then climbed up above Barnes Gyle loop to some windows over SA. Saw lights (Lew + Paul) something like 100m below us. NAUSE THRESH CRUISES BROWN POSTER TO A CONCLUSION. Rashed down to see it Paul + Lew were struggling with us, but they had bigger fish to fry and went off to ~~BB~~. Primula Paul. These lights flickered away at 11pm as we kicked in Breakfast + Pasta + Raven Chili.

* See Page 42

Monday, Sept 8 Up at 8 and on our way out at 10. Thought I'd wait out possibly except not with a bag. Took my line out was out by 1:30, up and on how + 1/2 behind Tony.

S.L.


P.S. I'm off to FRANCE for 10 days or so. Hope everyone has a good time while I'm away. I'll be thinking of you all.

KEITH: "WAIT A MINUTE, ISN'T FLEUR A WOMAN?"

19/7/98 PORTERING TRIP: FLEUR, JO, LYNN & BILL

RELATIVELY EARLY START; BEATEN TO THE TOP OF THE HILL BY LEN AND PAUL WHO LEFT AFTER US. GITS. AFTER LEN AND PAUL HAD SET OFF (CAMPING), WE FOLLOWED.

LOVELY COURSE OF PITCHES, FOLLOWED BY A SQUEEZE, SWEAT. MORE PITCHES, SQUEEZES AND SWEATING FOLLOWED ON FROM THIS, I FINALLY WIMPED OUT AT THE TOP OF GRIPPER PITCH (WAS OUT OF HARDNESS - I ONLY HAVE A V. LIMITED SUPPLY); LYNN AND JO CRAWLED ON WITH THE FOUR TACKLE BAGS, WHILE FLEUR BABY-SAT ME OUT. AFTER THE VARIOUS SQUEEZES, THE ENTRANCE PITCHES WERE EASY MONEY, AFTER THE VARIOUS SQUEEZES I WAS DAMN NEAR SINGING SEPUKANO.

HARDEST CAVING I'VE DONE, BUT ACE NONE THE LESS - THANKS TO MY BABY-SITTERS. 

Jo and I had a really good grip. Neither of us had had good grips last time, but this time we were in control. We didn't have much trouble route-finding and the rest of the rifts went easily even with four tackle bags between us. We had to turn back just before the end of the rifts purely due to lack of time. We had arranged a sub-call-out with Fleur and so had to get out before she came back down the pitches. After Paradise Jo powered full speed out of the cave and I followed. After going through Seventh Heaven in full-ascending gear I would recommend to anyone to at least take off the chest strap. We were completely knackered on the way but, I was too exhausted to even eat. But it was a great grip and I'm looking forward to the next Lynn.

(33)

The caves up on the Verdelluanga / Curruente ridge that JC / Keith / Lynn found (25/a a, b, c, d) have been ~~re-tagged~~ re-tagged. ~~The cave that was~~ The cave that was 25/a a was ~~tagged~~ 25/a c, or possibly 25/a b or 25/a d but has now been reinstated as 25/a a - this being the pot with the bridge that isn't a bridge but is in fact a bridge & may warrant further explanation. 25/a a is also still 25/a c, or possibly 25/a b or 25/a d because the tag for 25/a e (or b or c) which was on what way & is now 25/a a could not be found, & therefore 25/a a is still also 25/a ~~c~~, or b or d. The cave that must 25/a a but was 25/a a for a day is no longer 25/a a but is not 25/a b or 25/a c or 25/a d either, because the tag on 25/a a ^(when it wasn't 25/a a) could not be found for this cave. Hopefully the other 2 caves are correctly tagged. I hope that clears up any confusion.

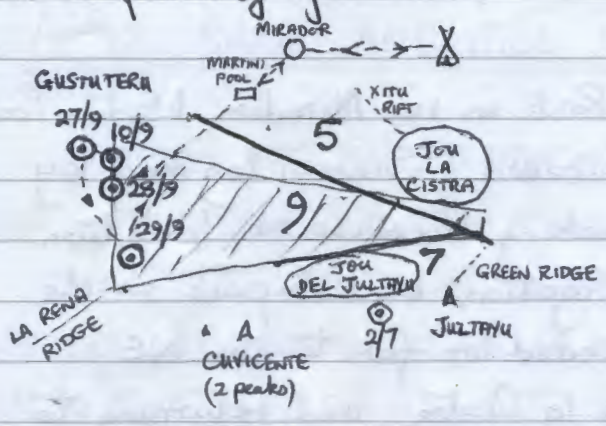
Keith ;
—

Everyone "What have you done to that sheep?"

Keith "It dribbled ---"

Bill (or Olly's totty): "Apparently Nobby's met him and she's very nice."

20/7/98 Shaft-bashing, John, Keith, Rich to Gustuturu / Trapezium. Route in and out was via the Mirador, Martini Pool and round the SE flank of Gustuturu (contouring - a path exists), which takes only half an hour from camp - note the route via Trea path, then Jou la Cistra or Cuvicente flank can take up to 2 hours. The border between Area 5 (Aric) and Area 9 (Gustuturu) is the line between the end of the green ridge on Jultayu and the SE flank of Gustuturu.



Keith's cave 26/9 is still "missing". (see 17/7/98).
 Bill's cave (see 18/7/98) is now numbered 27/9-^(28/9, 29/9)
 Two more leads were found, and 10/9 was happened upon, is re-described below, since it is of interest and not fully ~~described~~ descended.

① 10/9 Below rillenkarran on W wall of rift valley between two rocky shakeholes. Rift valley heads due N-S below summit of Gustuturu, with view N to Lagos path and view S to Cuvicente. Small rectangular entrance into small chamber with very strong draught from narrow squeeze at far end of chamber. Ledge 2m below, and quite large passage continues down, 2s rattle. Obvious second hole above right of entrance goes nowhere. Jultayu 126° mag., Cuvicente 161° & 172°. Cabeza Hambria & La Verdelluenga obscured by walls of rift valley.

② 27/9 Rectangular depression with rift entrance on E side, on SW upper slope of Gustuturu. 10 m pitch in rift to squeeze which needs enlarging. 2s drop beyond this has not been entered. Jultayu 118° mag., Cuvicente main peak 156°, La Verdelluenga 218°. The temporary rigging placed on 18/7/98 has now been removed (see Bill's description)

⊗ 28/9 Large rillenkarran - ringed depression on S slope of Gustuturu, c. 100 m below obvious rock shelter (blind). Small rift blocked by rocks 2m depth. Cabeza Hambria central boss 67° mag., Jultayu 124°, Cuvicente main peak 168°, La Verdelluenga 227°.

○ 29/9 Large rectangular (30m N-S, 40m E-W) bouldery depression with rillenkarran on E slope of La Verdelluenga. Various ways into meandering rift with strong draught. Stones rattle for up to 10s. Cabeza Hambria central boss 63°, Jultayu 115°, Cuvicente 152° & 172°, La Verdelluenga 236°, Gustuturu 350° NO HIT JACKING!! (could be 5/9?) John

(37)

21/7 Martin L & Lenik carry 3rd green tent up following the ICONA warden's observation that 8 tents at Ario + 4 tents at Escina = > 8 tents. Decided to have 1 permanent base camp tent (other small personal tents should be taken down after one or two nights or 'discarded') & to minimize personal tents at Ario (e.g. take them down if occupants are camping in the cave). Good weather for a first carry - cloudy & cool, but not claggy.

Clag appeared with John & Harvey - but only about 10 vacas visibility. We had about 2 vacas vis on the road up from Covadonga after last night's storm, but it turned out nice again at Lagos.

21/7/98 John & Harvey shaft labelling. Route in via Mirador, Martini Pool & Guotutern SE flank. 28/9, 27/9 and 29/9 labelled. Since clag had by then descended ~~we~~ we could do no shaft-bashing because no location bearings could be taken. Interesting navigation by compass on the way out - we could see nothing and ended too far to the NE, ending up by crossing the W end of Jou la Cista, and returning to Camp by the Trea path. On talking with Keith, it was perceived that 29/9 has been incorrectly labelled, but this will be rectified at the next visit. In any case the large daylight shaft with trees where the 29/9 label temporarily rests is of interest (may be Trea la Jayada - will be checked). John

22/7/98 Day 6 of the "IRIS14" expedition, brought the best out in the way of weather.

"ruddy steaming", "it were", having required composure. We find that nature has outwitted us all. We find a slug ebbing down a fine ~~size~~ line of slime produced by his own secretions. An ingenious corruption of human techniques. There ~~is~~ he followed the line of the bread bag to reach the "big ledge" (vegetable box) at - ^{(This is equivalent to -24m for a human).} 10cm. We believe he/she probably traversed down the rift and is now feasting on our vegetables. "The hunt will be resumed later." "your an in mine stergygy boy"

The secret of the case could surely save money next year on new rope. Burn
Is it resistant to rub points?

If anyone goes down to base camp, please could you bring up the antiseptic cream from the 1st aid kit there, for the top camp one doesn't appear to have one bit more in demand up here. (Keep kit)

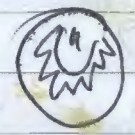
Also Some Dettol for disinfecting hands (we are nearly out) - John

22/7/98. BARRY AND BILL IN 27/9. (X)

FIRSTLY, WE BOLTED THE PITCH: TWO BOLTS MAKE A DOABCE Y-HANG; THINGS NOW A BIT SAFER!

WE: THE SQUEEZE: WITH A BIT OF DIGGING AND BASHING OFF THE ODD PROTRUSION, THIS IS NOW PASSABLE. THERE IS A PITCH THE OTHER SIDE, WHICH IS INTO A MORE OPEN PATCH OF RIFT, ABOUT 10-12 M DEEP(?). IF ONE CHUCKS ROCKS DOWN AND TO THE LEFT, THE DROP IS 2-3 SECONDS.

THERE ARE A COUPLE OF GOOD NATURAL BELAYS AT THE TOP OF THE SECOND PITCH; NEXT JOB: UP AND DESCEND.



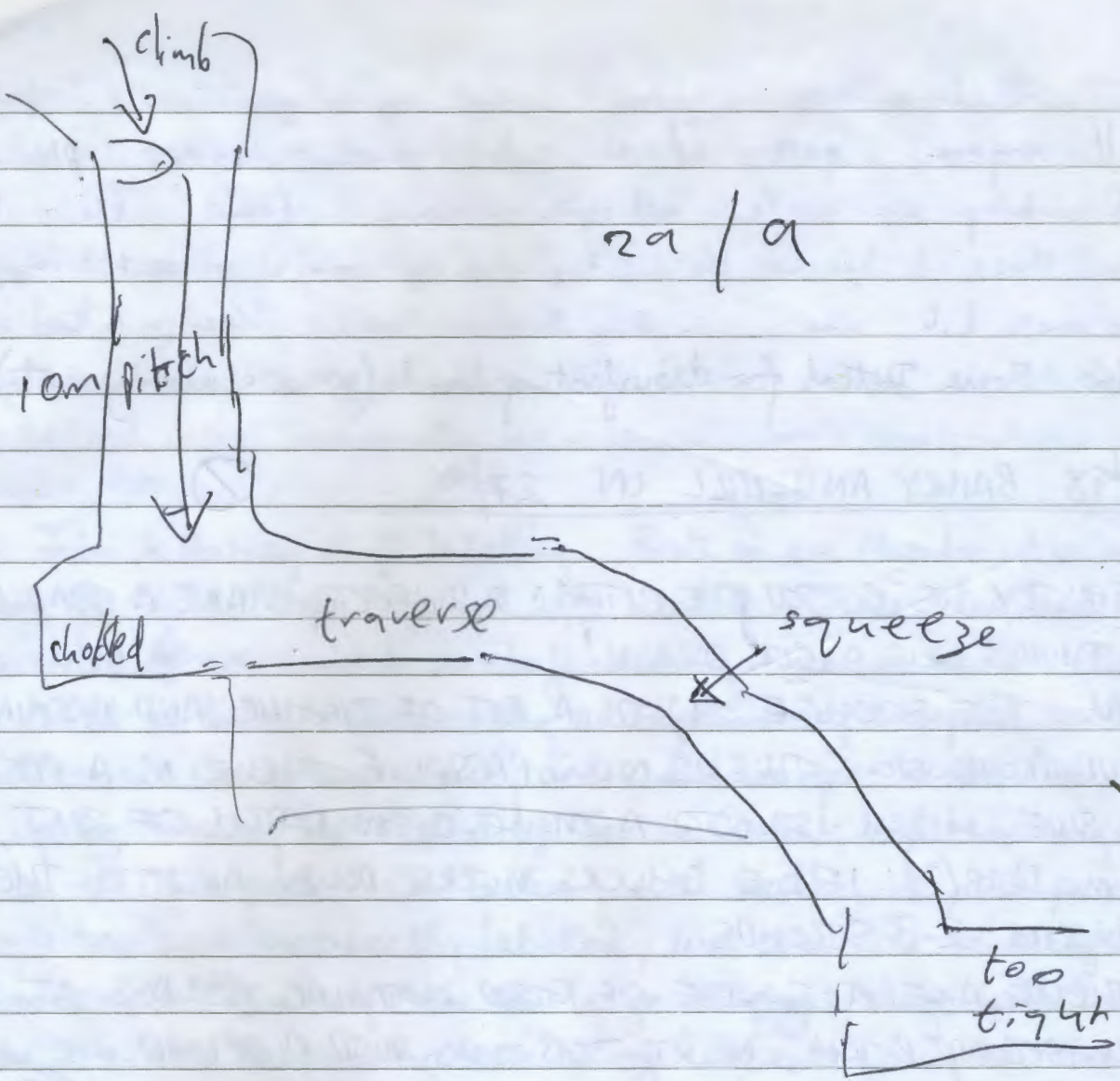
22/7/98

Keith, John & Harvey's excellent adventure (bogus journey?)

29/9 (X)

Went back to the promising pitch hole found a couple of days ago by Keith (29/9). Rigged 10 m pitch/free climb down to bouldery floor. Rift continued over short traverse to a squeeze & tight climb down, with rift too tight leading off from bottom. Nice little came though anyway!

39



2a/a

0 1/9

We then tried to find 1/a, a very promising lead which I found somewhere around there yesterday but couldnt find today.

SIE (X)? There's also a couple of SIE caves around here (trapezium/bottom of Gustekeras) which warrant further investigation.

0 31/9

Found an excellent drafting dig at the bottom of a shake hole. Removed large numbers of boulders to reveal a promising pitch (drafting). Unfortunately there was one sod of a large boulder that refused to move (though skinny types may be able to squeeze through) easily - I'd nearly

shifted it when the bastard grabbed hold of my crowbar & lobbed it down the pitch! Barnacles → Crowbar needs retreating

Worth going back to with a fresh crowbar. Be aware that the 2 large rocks above the dig are also loose & need knocking down to make the dig / squeeze safe.

Good leads left on the Kusteterna side of the 'trapezium' (area 9):

- ⊙ 1/9 (Previous description: "A large shakehole in the middle of the valley" + no bearings (good, eh?), but apparently has once 1/9 in red paint)
- ⊙ 10/9 (see 20/7/98)
- ⊙ the above dig. (31/9) not yet labelled
- ⊙ ~~27~~ 27/9 (see 20/7/98, 22/7/98)
- ? 26/9 (Keith's first cave - when found again!)
- ⊗⊗? SIE caves.

Also ~~30~~ 30/a¹ - Not worth talking about - shakehole by path, block-filled rift

Keith

People on for underground camp

Pat H - Now

Tony S - Now

Joanne W - Now

Paul M - When recovered from previous trip

Leu B - When recovered from previous trip

John S - After rifts warm up trip

Harvey S - After rifts warm up trip

Dave Looney - When arrive

Narl Pacey - When arrive - after warm up trip

Rob Garrett - When arrive - after warm up trip

Gavin L - Still in cave

Fleur L - Still in cave

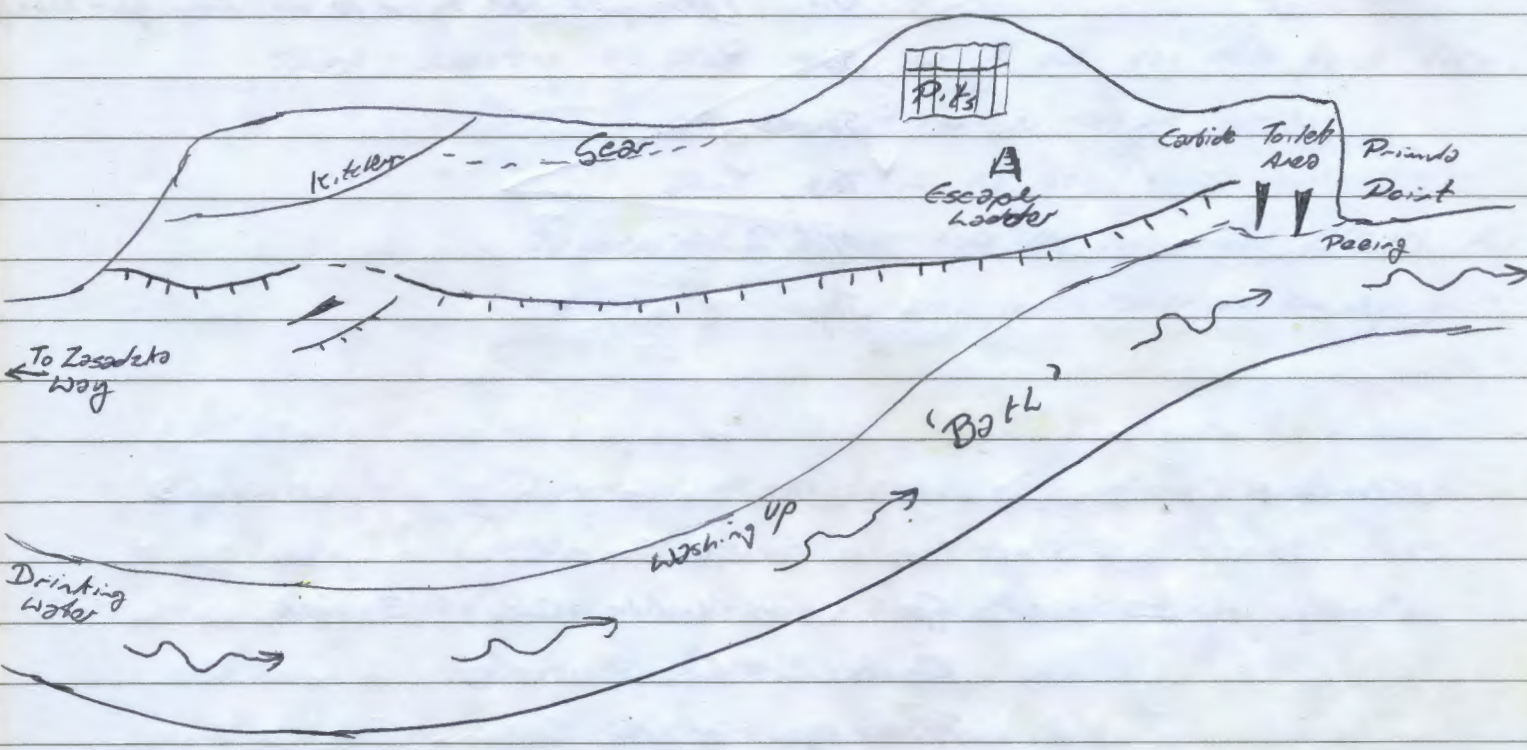
Huw J - Still in cave

Alec H - Still in cave

Keith - Two more warm up trips

Going here soon: Richard D, Rhys W

Primo's Point Camp:



What you should find at camp :-

Pit Set : Bruy Bag, One or Two Deer Soap tag, Aperech/Normal Set, Kairind

Kitchen : Cutlery, Mugs, Plates/Bowls, Pots & Pans, Spider Stoves,

What you should take with you :-

Food : Breakfast : eg Sarnis Sausages & Mash,

(Packet of each ^{between two people} should be a lot more than the average
caver can eat).

Supper : eg Packet pasta things : 3 between 2 is almost
unmanageable, most people could go for 2 between 2.

or Bean feast (2 between 2) with mash/pasta/rice.

(the quick cook rice from the raver nest is horrid!)

cooking normal pasta/fine soup pasta, there is little means of draining
water - so judge it well, and boil it dry!

(43)
Other bits of food:

Canning food

Tinned fruit

Custard (one sachet will feed two)

Oil (else you'll have to use the oil from your tins)

Salt

Sauces

Tea

Milk Powder

Sugar

Cooking gear etc

Gas: ~ 1 litre should do 3 nights

Candles: ~ 6

Plastic bags: ~ 10

Toilet Paper: ~ 1 roll

Carbide

Keep gear dry, especially sleeping bags!

A good system to dry your furry is:

Arrive at camp: strip off, put on thermal, put on furring over top - hang oversuit up to dry.

Go to bed: take off furring, sleep in thermal.

Get up: put on furring

Go caving: strip off: furring should now be dry: put on furring and oversuit.

(Check that you've hung your oversuit in a dry place!)

Other tips:

For the long, put a store with water, food & mugs ~~near~~ to your pit, to help you last in bed longer once your alarm goes.

Toilet needs: Roll the rim of the bag ~~the~~ back lots.

Afterwards, squidge out all air!

Don't pee in the bag!

It helps if you can take the cylindrical BDH's for carrying out - they are easier to emptying.

Drums: Darren drums are for food and other clean things.

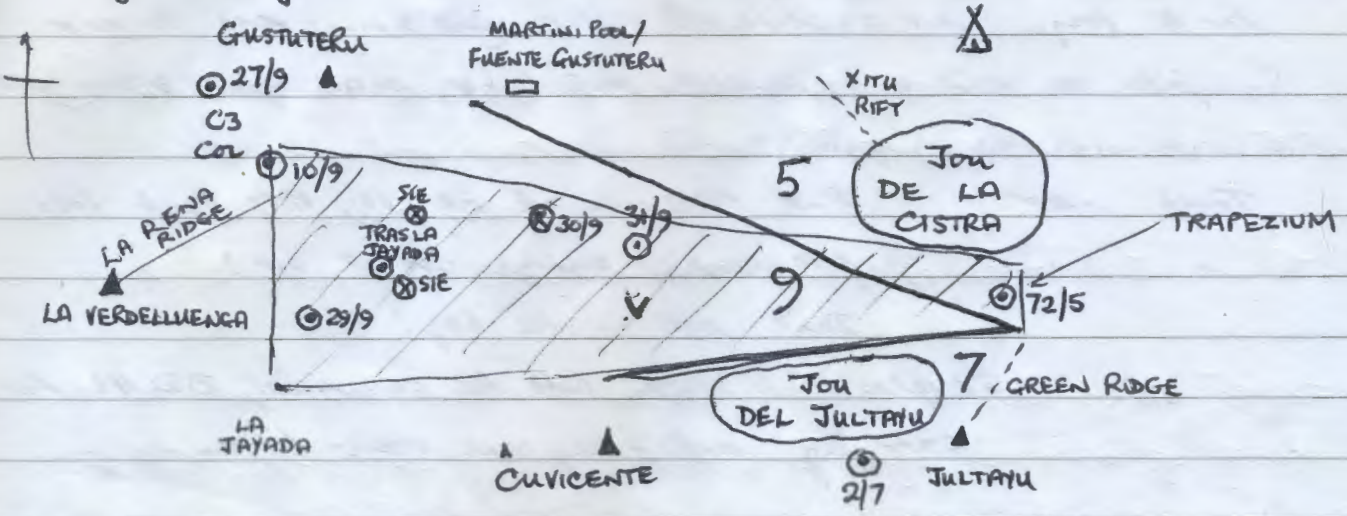
BDH containers are for carbide, spent carbide, & shit.

Aim to be self sufficient including bring out your waste with you.

Paul May

45

22/7/98 Results of Keith's, John's, Harvey's, Bill's & Barry's
Shaftbashing/excellent adventures/bogus journeys/digging



Quickest way in (1/2 hr) is either Lagos path / Mirador / Martini Pool / SE flank of Guatutera, or Lagos path then aim for Cuvicente just past Camp 3 / cross Xitu rift / path direct towards Boca del Joon or C3 col on ^{the} left hand side of the "Valley of La Verdelluenga", which henceforth we will refer to as the "System 4 Valley". The valley lies between Cuvicente and Guatutera, with La Verdelluenga at its head. System 1 is Xitu, System 2 is Cabeza Muxa, System 3 is the Jultayu System (2/7 or Pozo del Ojode la Breja to us), and System 4 is the Valley of La Verdelluenga system (postulated). This System 4 is postulated to take the water from C3/C4/F64/F85 plus Tras la Jayada and the large valley catchment, entering System 3 beyond Choke Fibot, then either falling into Xitu, or continuing over Xitu & under Extremura to join System 2. The dye traces tell us that C3/C4/F64 water goes to Culimburo, which it must do via System 3 or System 4. The postulated System 4 of course takes up the downsided "Trapezium".

It is thought that the 2/7 upper Catchment (still to be explored) is under Cuvicente and extends to La Jayada area. Tras la Jayada looks like a typical Yorkshire Shaft - a long narrow rift with several trees. It must be the focus of a considerable catchment, and it is a pity that it does not go anywhere (or so it is said) after the 300m entry pitch.

Open leads

- ① 1/9 Where exactly is this? The previous description, "in a large shakehole in the middle of the valley" + no bearings, is not exactly helpful, but Keith says he has seen it and it has O.U.C.C. 1/9 in red paint. Martin says it is 300m S of Tras la Jayada, which would put

it on the slopes of Cuvicente and not in the middle of the valley.

(46)

⊙ 10/9 Small rectangular entrance in rift valley high on Guatutera
(see 20/7/98 description)

⊙ 27/9 Bill's cave high on Guatutera, in active exploration
(see 20/7/98 description, being explored by Bill & Jo 23/7/98)

⊙ 72/5 Gavin's find on S side of Jou de la Cistra (see 20/7/98 description)

Other activities

We built a platform at the Mostipi Pod/Fuente Guatutera out of stones & wood to hold a water container under the upper pipe. Leave an empty container there when you go to pick up the full one!

⊙ 26/9 Keith's first cave, still "not yet found"

⊗ 28/9 See 20/7/98

⊗ 29/9 Above Trao la Jayada and in its catchment. Keith's hole no. 2, see his exploration of 22/7/98 to completion. Below prominent dark rift on the slopes of La Verdelluenga. 10m free climb or pitch in meandering rift. Short traverse leads to squeeze, and tight 3m climb down to too tight rift.

⊗ Trao la Jayada, ^{300m shaft.} 30m long rift with trees, Accurate fix
Cuvicente 160° mag & 180° , La Verdelluenga 225° , Guatutera 321° .

⊗? SIE circular shaft with snow plug slightly lower down than
Trao la Jayada
on path from C3 col on left hand side of valley, within 5m of path,
on right of path going down.

⊗ (without hammering) 30/9 Shakehole by path from C3 col down valley
on SW slope of Guatutera, on right of path going down. Climb down
into rift, crawl under surface boulder, looks into hole at top of meandering
rift 1 to 2m deep, too tight. Jultayu 120° , Cuvicente 144° & 169° ,
La Verdelluenga 211°

⊗ SIE? Jultayu 123° , Cuvicente 167° & 182° , La Verdelluenga 229°
Circular depression with rillenkarren benches.

(47)

V Large shakehole with block-filled rift on lower slopes of Cuvicente,
Cuvicente (main peak) 185° Gustuturu 296°

○ 31/9 not yet labelled. Keith's draughting dig
Cabeza Lambria (central boss) 59°, Jultayu 120°, Cuvicente 175° & 185°,
La Verdelluenga 230°
Keith dropped a crowbar here, and it is worth retrieving it.

A lot more work needs to be done on the S side of the Trapezium,
on the lower slopes of Cuvicente and Jultayu, an area of green
hummocky hills to the north of the depression immediately below Cuvicente
and to the north of Jor del Jultayu. It is in this area that "type 2 caves"
may exist which could contribute to System 4.

John

23/7/98 Lynn & Alison in search of 'My Little Rabbit Hole'
After reading through the shaft-boring guide we decided
that 49/5 needed another look at and could
possibly provide a site for our 'Squidgy Caver
Breakaway Camp'. Although the directions seemed
simple enough in thick clay we were
unable to locate it. On the way back after
pottering about we found a large depression
with some promising looking holes. A nice
rift went into the rock but suddenly stopped.
It had a skylight up on the right-hand side but
no leads were apparent. To the right of this was
the top of a rift which Alison looked down.
The sharp climb was not tempting enough to
investigate. Heading back from this depression
I climbed up a vertical side and came out
near two cave entrances. I climbed down
the first to find myself in a chamber.
Alison followed me down but we could see

no way or until she was clins back out. Underneath the entrance was a way on. Starting off feet first I inched myself in and eventually turned round to face a horrible wriggle face first. I reached a sharp left-hand bend and could right myself at the top of a 1m drop. A way on was visible until the battery fell out of my zoom! I shouted to Alison to bring her light to the entrance so I could at least see which way I was heading. But unable to just sit in the dark I was able to work my way out back into the chamber. It looked as though the route on my head towards the other entrance.

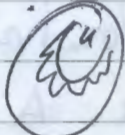
I started climbing down the other entrance but we decided that it was better rigged with a ladder and we would come back another day.

Back at camp we discovered that my first cave was 51/3 and the second 50/3 and that they did indeed connect. Never mind it was fun anyway!
Lynn.

23/7/98. VISITING 27/9: JO & BILL 😊

WENT STRIDING OFF INTO THE CLAG AND GOT HORRIBLY LOST.

BILL IS CLEARLY A FUCKWIT. BY SOME MIRACLE WE NOW GOT BACK AGAIN! HO-HUM, TRY AGAIN MANANA

23/7/98 Peter, John, Barry & Neil's excursion to Penimiro's. Neil's 

descended penimiro's while John and I turned around Peter buried himself waiting. Tough & good's carving I thought despite the swearing, grunting and gear lorn it was a good session allegedly it gets bigger the next time you do it, we were a bit overdue so we didn't get back till

12 o'clock to find kitchen people of Protein and any pretend substitutes of the same. got completely exhausted and drained and I'm trying to recover. returning down a wet claggy mountain is a bit on the fun side of things. Nice one guys and thanks for the babysitting

↳ (tackle sack of rope left at end of rifts) Benny

23/7/98 & 24/7/98 Thursday pm and all Friday suffered an attack of the clag, and so from a shaft-bashing point of view it was a complete waste. However, Bill & Lex managed to navigate to the Martini Pool to get the water.

⊙ 1/9 Martin says this is 300m S of Trao la Jayada, which will probably mean it is not in the System 4, but rather the System 3 area. (No, it is an appendage to System 4) This will be checked, & 1/9 accurately located with bearings. John

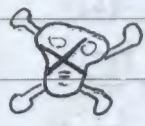
Returning Covers 24/7/98 - 25/7/98

You have a 2-course meal of: 1. soup (asparagus)
2. A lot of pasta, with a small amount of either meat or veg sauce. Note the two saucepans or sauce & not stew. John

Who said to whom: "You might enjoy it more if you expose your nipples!" ... and why?

Is Boris a troglaxene, troglolith or troglabyte?

25/7/98 Dave & Lew Grotty Grotel (70/5 ~~3~~)

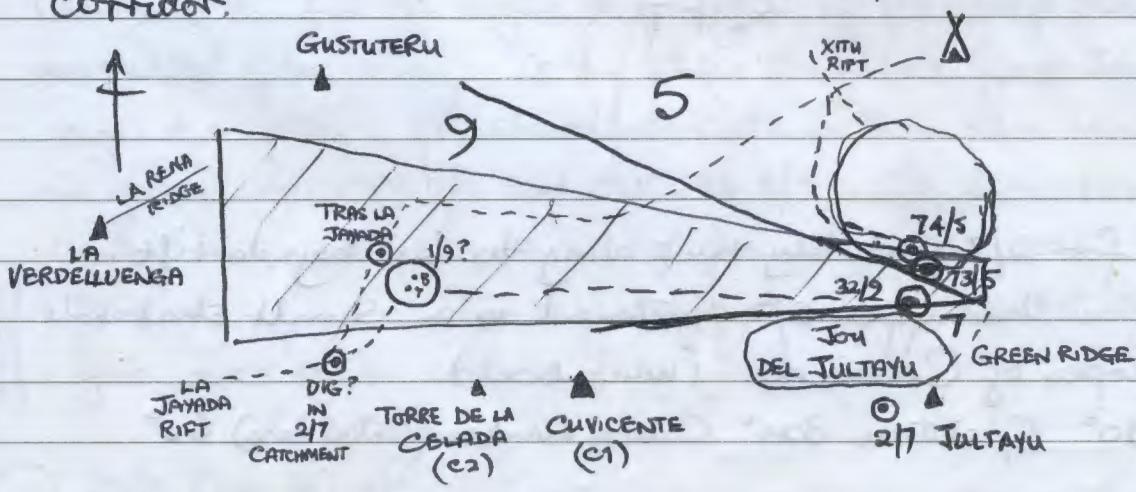


Finished it. Hurrah! A real Lacey-approved trip. My arse is a lot fatter than it was in 1992 so getting to the terminal constriction was five 20mins hammering yielded no results so I forced the squeeze anyway, feeling pretty sure I was on a one-way ticket. The passage beyond actually was bigger for once, so I manoeuvred a boulder into a more awkward position where it wedged making another squeeze. Continuing, I got to a standing position (!) then two 25' climbs down ending - a total choke, thank Christ.

Exiting proved entertaining and included bashing feet first up a 45° slope over a drop (no helmet of course), breathing out broke my chest smaller, and lots & lots of swearing.

Many thanks to Lew who ably supported by walking up the entrance after I'd gone in, and sitting hoping I'd bottomed the cave so he didn't have to go in.

25/7/98 John shaftbashing/dowsing/pottering in the System 4 Corridor.

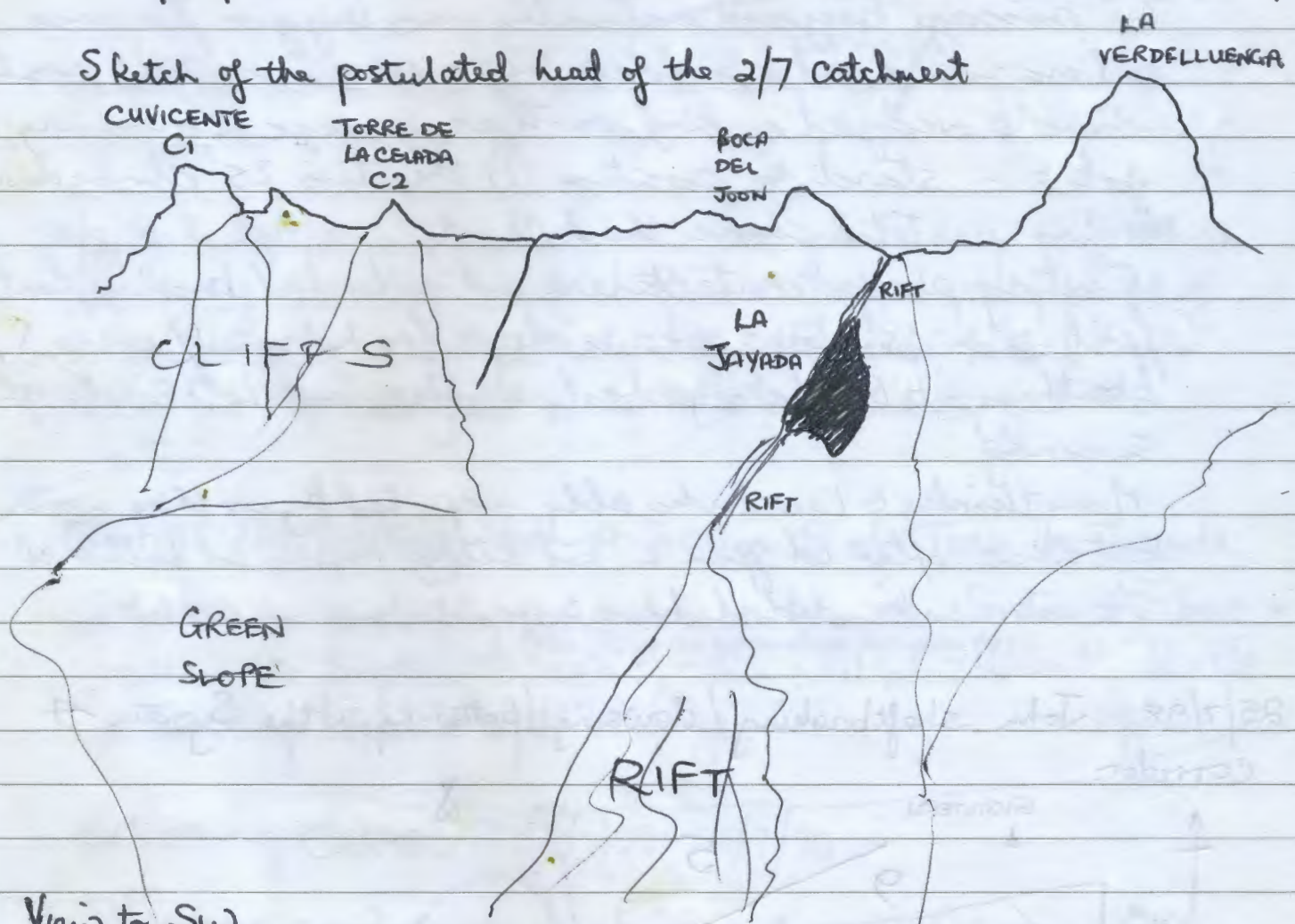


After another visit to Tras la Jayada, I visited the upper 2/7 catchment (La Jayada rift) and located a possible dig (unnumbered) in the 2/7 catchment. Next I tried to find 1/9. I found no markings for

this, but the shakehole is huge (c. 300m diameter) and includes 7/9 and 8/9. On the way back down the lower slopes of Cuvicente and Jultayu along the S. edge of the Trapezium I located a further three sites of interest, which I tagged 32/9, 73/5 and 74/5. All remaining tags (which I have already stamped OUCC) I have replaced in the

stamping kit box in the gear tent, Together with the numerical stamps

Sketch of the postulated head of the 2/7 catchment



View to SW

The catchment for 2/7 probably runs along the La Jayada rift.

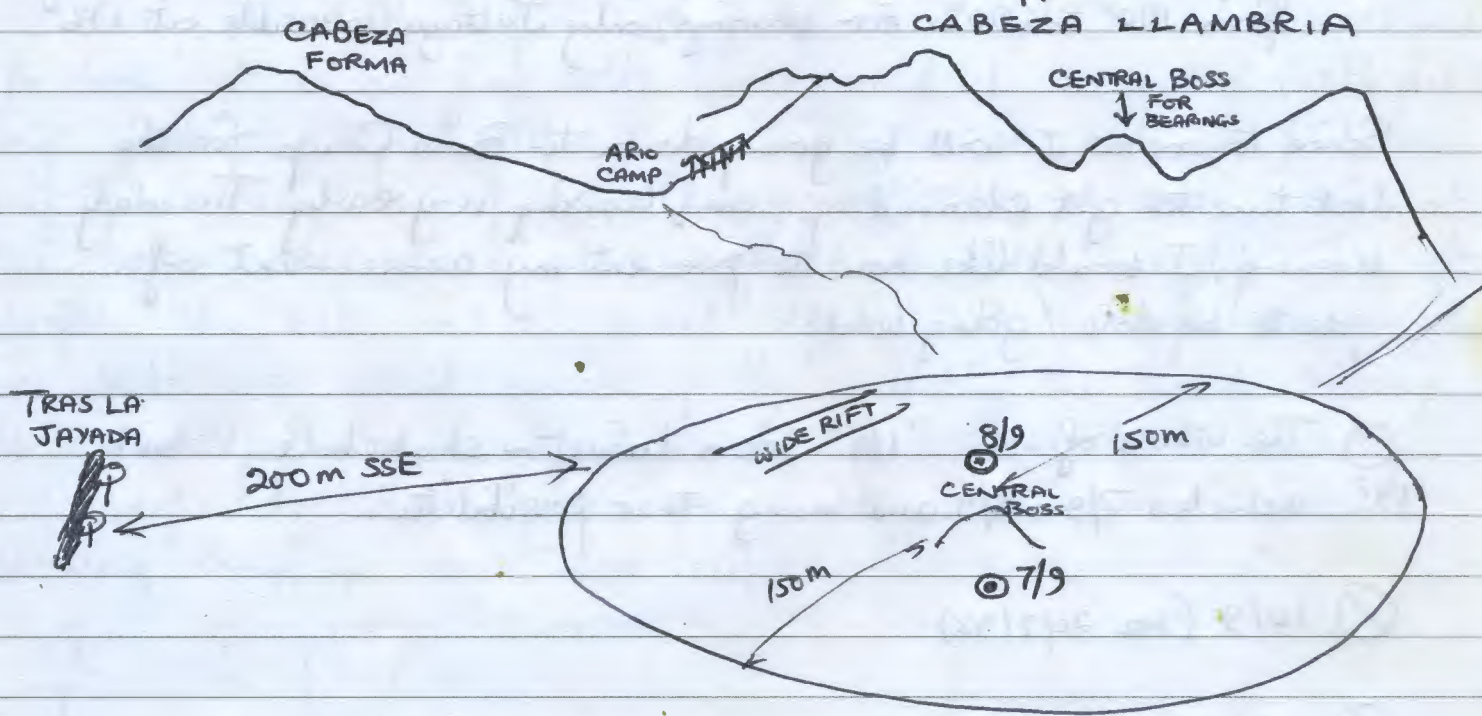
A possible dig in this upper 2/7 catchment is a small shakehole on the upper slopes of Cuvicente (unnumbered).

C1 164° C2 190° Guastiteru 324° Cabeza Llanoria (Central Boss) 60°

These dowsing reactions are separated by at least 300m from the System 4 reactions (the Trapezium, including Tras la Jayada). Thus Tras la Jayada is not really "near" La Jayada at the detailed scale we are dealing with (Tras = near), and the two are in separate catchments.

○ 1/9? + 7/9 + 8/9 + many other possibilities.
from map in Proc 12

I was told by Martin that 1/9 was recorded as 300m S of Tras La Jayada, the 300m deep pothole in which we are definitely interested as it must be part of System 4. What I found was an extremely large (300m diameter) shakehole with a central boss, floored chaotically with roches moutonnées and millekanner, with a wide rift in the N corner. The lip of this shakehole is 200m SSE of Tras la Jayada, and the whole is clearly in the Tras La Jayada catchment. This forms a southern appendage to the Trapezium.



View NNE from south edge of Trapezium.

Location of central boss: C1 172°, C2 191°, LaV 233° Gustatera 316°

Certainly this fits the vague description of 1/9 "large shakehole in the middle of the valley". Is the whole shakehole 1/9? If so, why the vague description. The shakehole contains two other named finds painted in green OUC85 7/9 and OUC85 8/9. 7/9 is c. 10m 120° from the central boss, and 8/9 is c. 10m 10° from the central boss.

|| In my opinion, the whole of this large shakehole should be gone over again with a fine tooth comb.

○ 32/9 (tagged) ♂

on s edge of the trapezium, 2m square entrance below scree slope down from a path leading from Tullayau to the La Verde lluega valley. Entrance leads to narrowing rift with small draft. Could be diggable/persuadable. Entrance too low for bearings, but from path above Tullayau 130°, C1 190°, C2 199°, LaV 237°, Gustatera 299°

○ 73/5 ⤴ Likely digging site in steeply-descending rift at edge of Jou la Cistra, on S edge of Trapezium. Cabeza Llambría (central boss) 65°, Jultayu 143°

○ 74/5 Hole for midgets who like flies and caterpillars. 1m square hole in centre of green depression in Jou la Cistra. In the trapezium. Hole is filled with ferns. Wide millenarian catchment from 190° to 290°. For bearings, only Jultayu is visible at 146°

Since tomorrow I will be going down to Base Camp for the last time to get cleaned up, and leaving very early Tuesday morning, I would like now to present my assessment of jobs to be done / going leads:

○ The whole of the "1/9" 300m diameter shakehole, which includes 7/9, 8/9 and many other possibilities.

○ 10/9 (see 20/7/98)

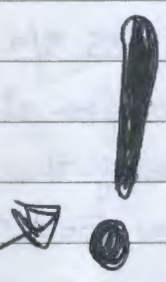
○ 27/9 (see Bill, Jo & Barry description today)

○ 72/5 (see Gavin 20/7/98)

○ 32/9 (see above)

○ 73/5 (see above)

○ 74/5 (see above)



Jobs for Keith to do:

1. 26/9, locate, tag, explore, write-up
2. 31/9, tag, retrieve crowbar, explore, write-up.

I may say that I am very impressed with the way the expedition is being conducted, both with regard to the 2/7 exploration & the search for System 4.

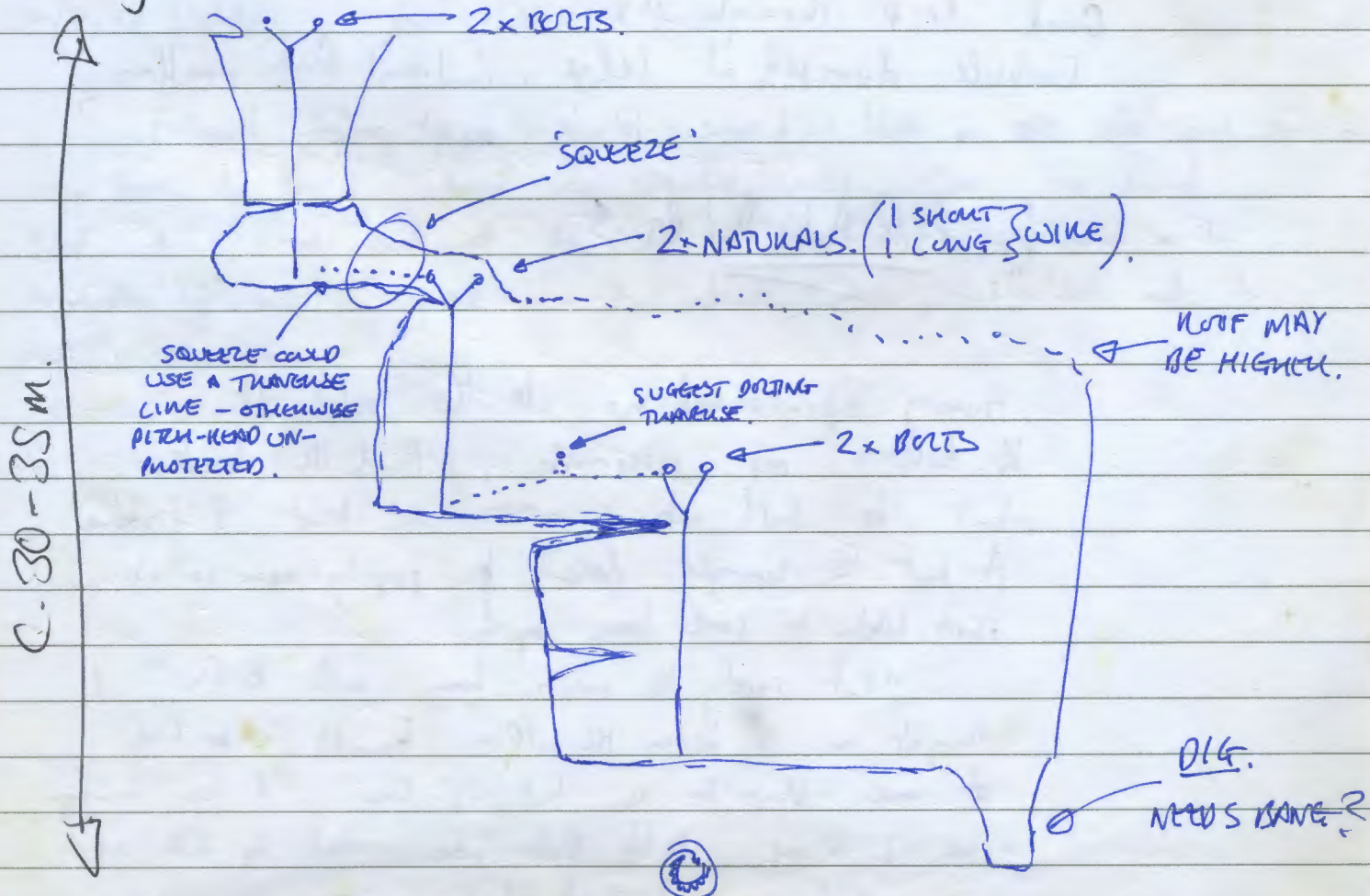
John

25/7/98

27/9 - Bill, Jo, Barry.

Bill rigged the second pitch, while I handed him gear through the squeeze. As he descended, Bill's whoops & general cries of jubilation gave me a little due that the cave might possibly continue. My descent was also punctuated with sounds of happiness, and Barry soon joined us on a rifty false floor.

Barry placed the first bolt of the next pitch, & I the second - for both of us our first bolts underground. I descended (with glee) my first virgin pitch (though it was, of course, not my first virgin, my first cave, or my first pitch). ~~my first pitch~~ A short climb at the bottom leads to a blocked rift at 'shoulder' height. The rift drafts like hell, and a decent effort with a hefty crowbar & /or hilti caps would remove pretty quickly the largish chossy blocks. ~~The~~ The space beyond echos like a big space / chamber & I definitely want to return, probably with someone keen on blowing things up (ie Tim or Lev)



55

25/7/98

Last Night at Top camp: nice hot curry
Nice sunset. I have enjoyed my week
with you all. I do hope 2/7
goes safe caving to you all
Tom Toomey

Thumper ?!

25th / 26th | 7/98

2:08 am

2/7 → Armageddon Ledge. Keith & John.

I'm ~~f**king~~ King knackered!
Good trip though.

Carbide dumped at ledge. Couldn't find marillas
so will have to be next party trip.

WARNING:

Having prossided up to the rebelay at
the bottom of pessimists, I found the bolt
about to fall as it was so loose. I tightened
it but the hanger doesn't fit properly now so it
isn't likely to come loose again.

"But surely the main hng will be fine" I
thought as I began the 70m traverse - to find
out came that for the last 1/2 hour I'd been hanging
on 2 more bolts that were about to fall off -
again, I've been frightened but the hangers are working.

People who value their life might like to check the bolts
are screwed in on their way down. Perhaps some
of the worst culprits (eg: pessimists) could be replaced?

Not that I intend to go back down that
instead of a come for quite a while anyway.

kt

FOUND

A ~~survival~~ survival bag in The G. Grouches.

Its in The porch of my tent if you want it.

Fleur

24/7/98 (belated)

Rob, Dave & Neill.

Followed Dave up - he got us a bit lost in the clay and the
view from the top of Jaltaya was somewhat limited. Good trip though.
Neil and I hiked back at the top of Pessimist's - Dave came on to
Armageddon. We had to queue for the entrance pitches, but still made it
back in good time.

kt

Camp 2 - Paul & Len 19-23/7/98

First camp at Drinka Point,

A hard carry down. 1 tackle bag each through rifts, 2 more each at least of pessimists, and another one each around Armageddon. Got to big ledge to have a brew & pick up another tackle bag of tarrinists.

Set up a haul line from the big ledge to Hebbleton to get the ropes across, and the tarrinists; then set up with 5 bags between us along London Underground, 2W, and to Drinka Point. Set up camp, and got to bed about 3 am.

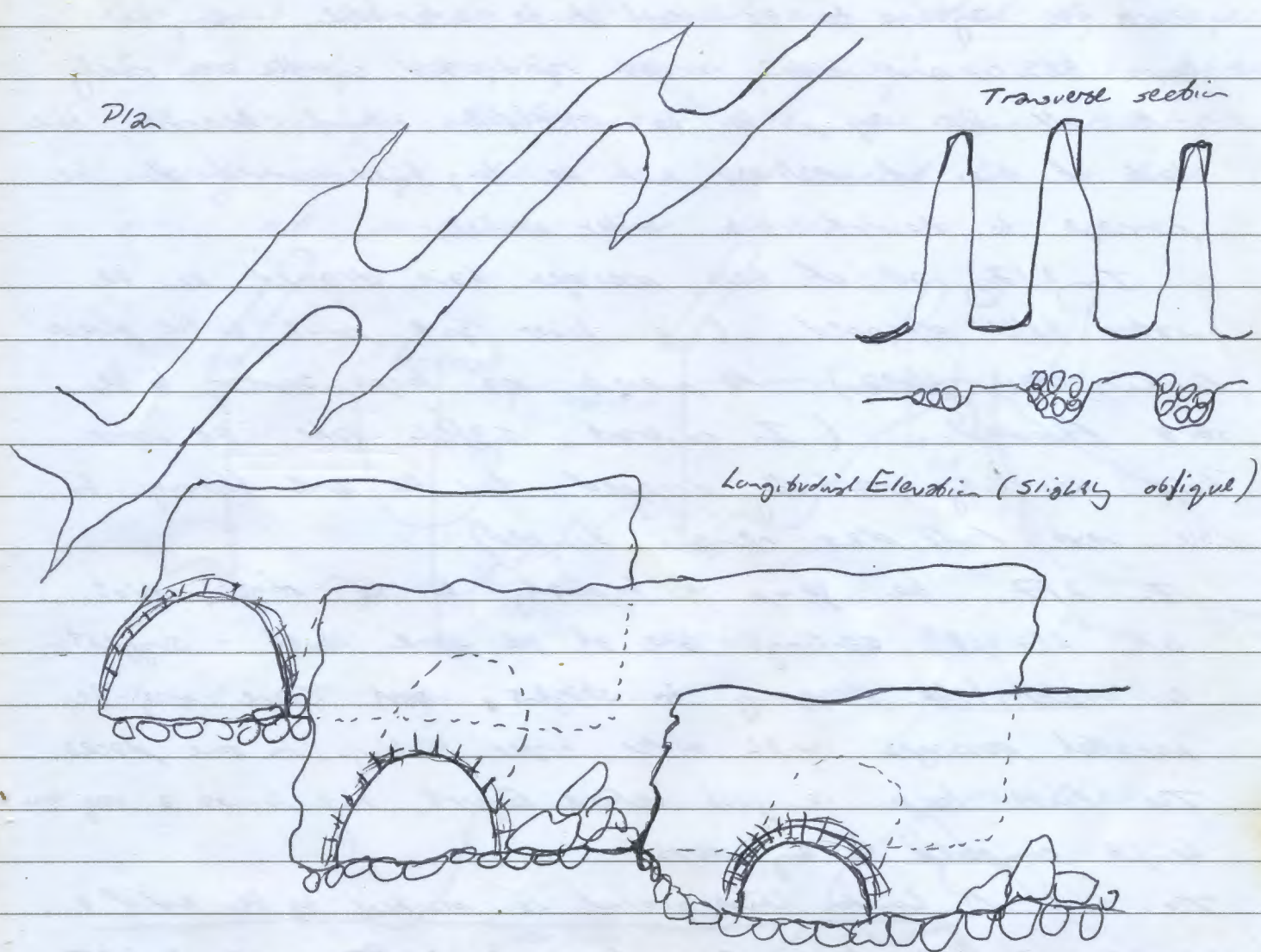
Next day, returned to Hebbleton to collect 4 sacks of rope and rigging gear, then took a climb at Puddingfen. Found that it had been done before - so climbed up to get better idea of what to expect at top end of L.U. Then back down to camp.

Day done, re-rigged ropes from P.P. to Postman Pot, cutting out rope where complicated, and admiring the range of not-quite-knots used. Looked around Postman Pot, with bright light, closing of one lead at top, and finding a new one on the opposite side of the streamway. Spent several hours balking about half way up to it; the next half should be quicker! Back to camp, where Gavin & Fleur were already tucked up.

Up at the late hour of 10.00 am for our journey out, no great excitement had here; slow steady journey, surfacing about 2.05 am, and back to camp at 4.00 am.

Paul

Observations on the Morphology of 217.



Typically, the large passages seem to be made up of a series of tall, 'narrow' (5-10m wide) long straight passages, trending NE-SW, linked by lower, wide, arched roofed passages.

The straights often narrow down abruptly at each end, to tight rifts, and probably ultimately nothing. Some of these ends have inlets coming in. These ^{passages} often are at a 70-80° incline.

The formation of these can be interpreted as a phreatic main drain route, following faults within the rock (the straights), and cutting from one to the next along lesser weaknesses (the loops).

Phreatic passages usually cut upwards; (solution occurs in all

directions, but the floor is often covered in rocks & silt. Along faults, the solution is easier along the west side, so the water quickly cuts its way up to the level of the water table. Along the loops, the upward cutting is less rapid, and so the arch rarely cuts all the way up to the water table, although ~~maintain~~ the back of lines of weakness, and the long lines involved allow the passage to dissolve into wider arches.

In 2/7, all of these passages have drained as the water table dropped, (a lower spill point to the press further down stream). At present, no loops appear to be still flooded. (In contrast, C3/C4 lake, the water table has only partially dropped, and the arch through to the next fault plane remains sumped).

In 2/7, the jump is typically to the right. Not all 'straight' ceilings are at the same level - suggesting a water table dropping in stages, and there may be parallel passages with older, higher ceilings, in some places. The first loop is just before Egbert, and is at a very low height compared to any others.

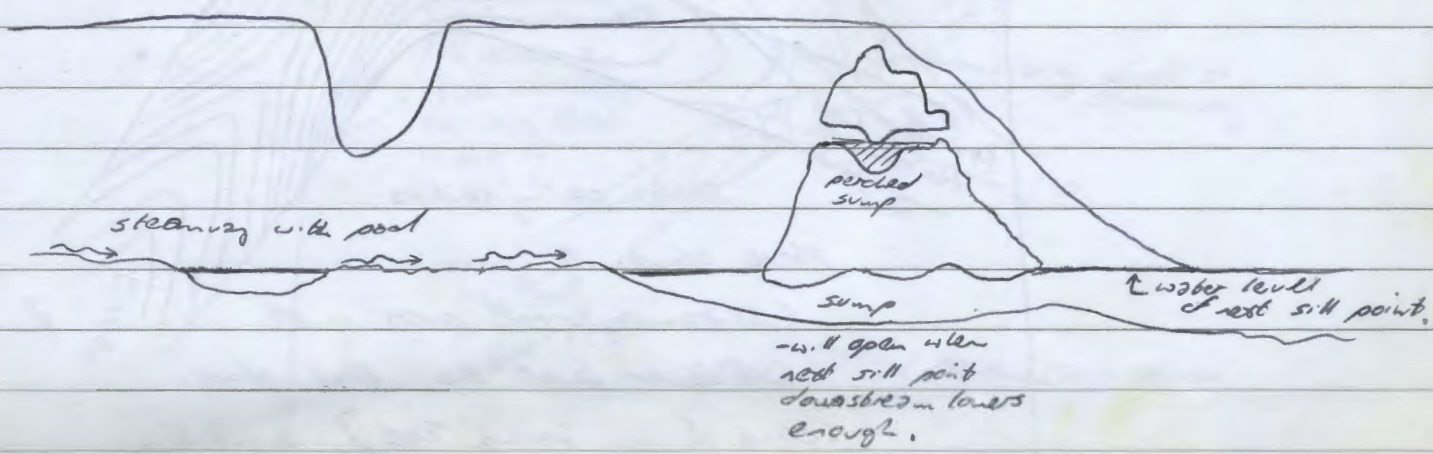
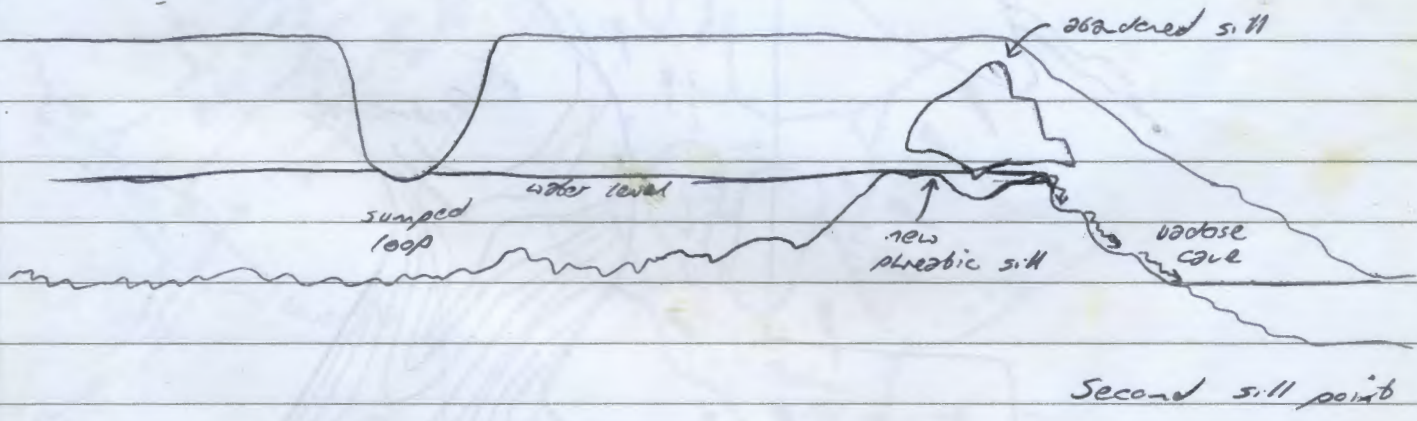
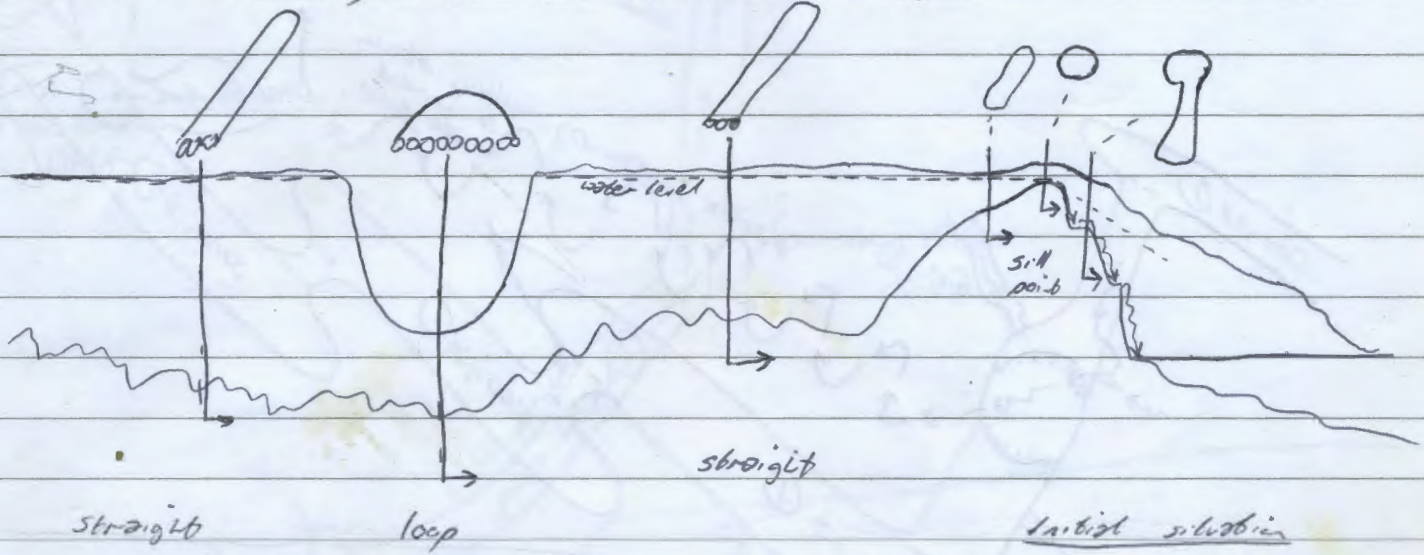
The end of Lander Underground is marked by the end of a straight, and an arch now buried ~~into~~ under boulders. ~~Zorro's~~ way finds a way through these rocks, and breaks out into the loop, before dropping down the next fault plane to the streamway.

Marble arch / Mr Jones probably relates to a lowering of the water table, to an intermediate level; Marble arch is one of the few places in L.U. that looks as though water has flowed in a cascade fashion - more likely that water was following a lower route, such as present streamway, as a press, emerging here as a pool, before flowing through another sump.

At present, we have seen little which could have acted as an spill point for the whole pressure development,

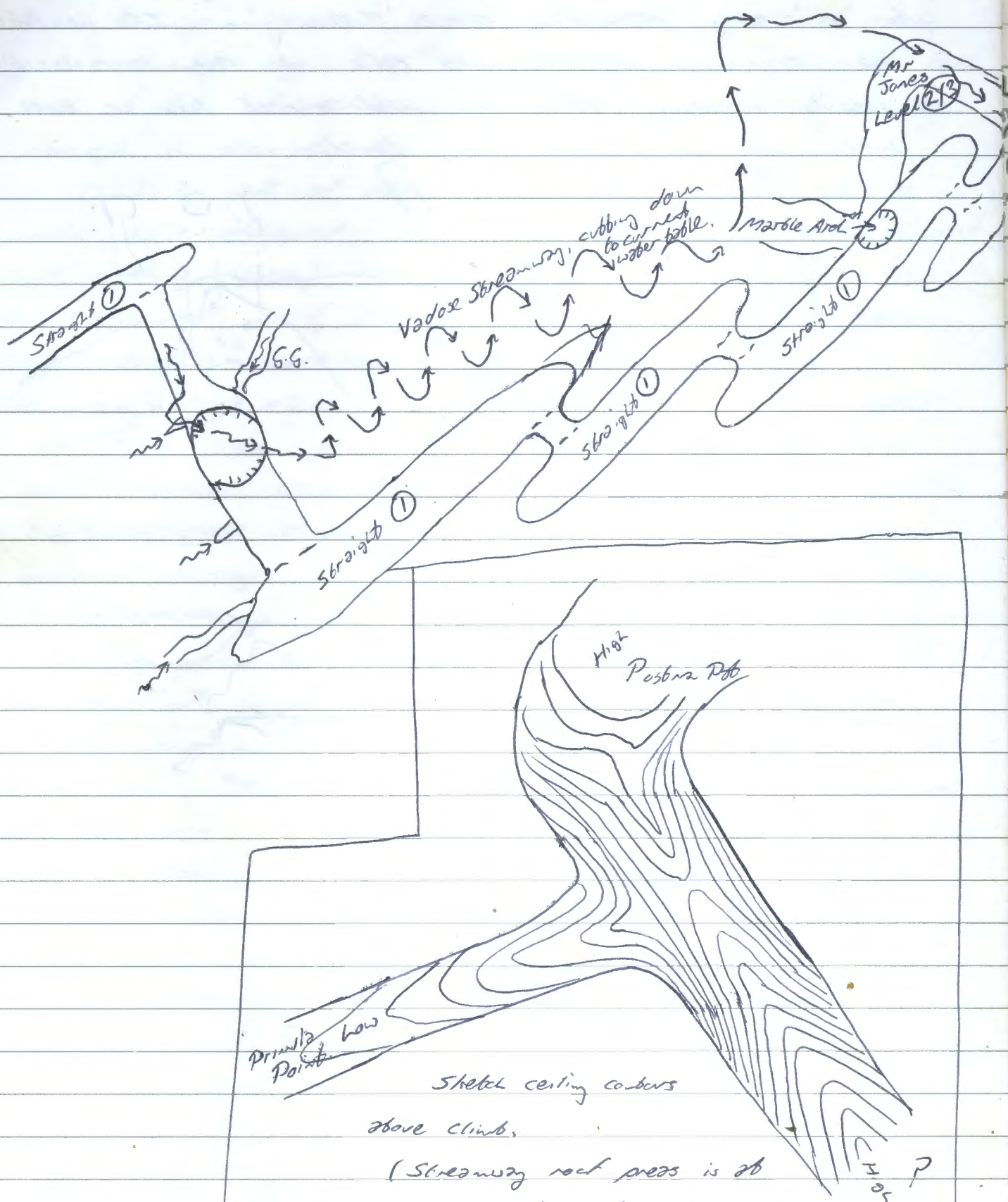
from ~~an~~ ~~initial~~ ~~stage~~

Sill points should be evident as phreatic tubes climbing high, to a point where the water spilled over, marked by a change to a sharply descending vadose 'streamway'. If we believe the dropping of the water table was stopped, rather than a steady dropping, then we would expect two or three such sill points at lower levels.

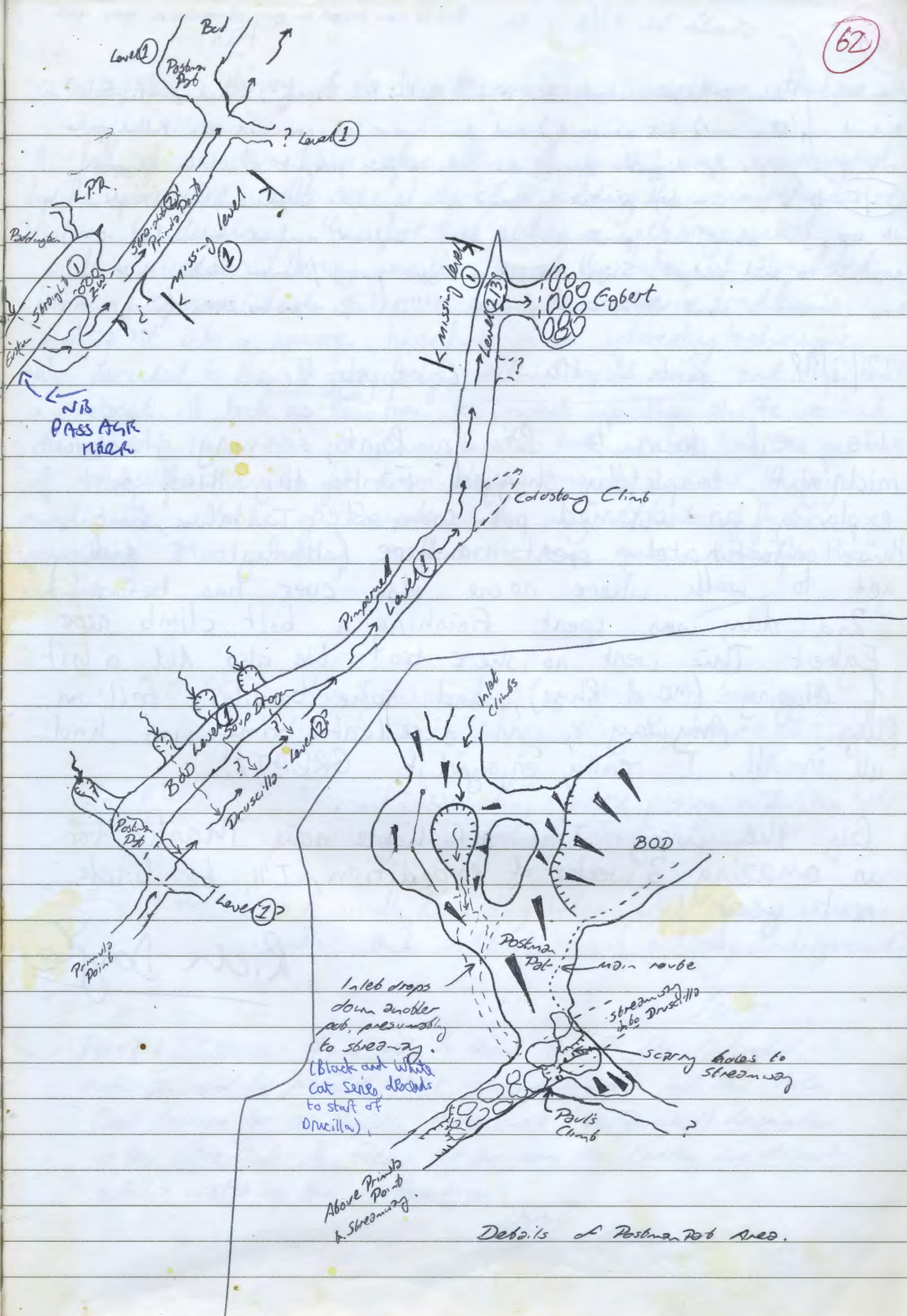


61

2/7 30 far :- (Schematic)



Sketch ceiling contours
 above climb,
 (Streamway rock mass is at
 much lower level than that above
 climb & in Postman Pot), suggesting
 secondary significance.



63

should be 73/5 SL. But is now tagged in grey aluminium a grey rock

once
72/5

26 July. Mark & Luke wandered over to the Martini Pool (spring is marked on 1:25000 National map (blue cover) but unnamed) and then more or less contained it. Pulled rocks out of a couple of diggable places, one looks a fair prospect & will be tagged 72/5. It is a 2m high rift at the base of a shale hole with small pneumatic tubes at top, just about this person size at base. Boulders remained to make rift accessible to said midgets. Slight draught & bigger passage/chamber visible about 2m in. Location is about 50-100m S of 27/5. UTM ref ~ 434G 890W (Just inside DL's Trapezium).

22/7/98 - Rich & Huw's Camping Trip.

We went down to Primula Point, arriving at about midnight, completely shagged. First day was spent exploring an unnamed pot soon after Tantalus, but this unfortunately went nowhere (although I did get to walk where no one else ever has before!).

2nd day was spent finishing a bolt climb near Egbert. This went nowhere too! We also did a bit of digging (me & Rhys), and some boulders fell on Rhys. Anyway, an excellent time was had all in all, I really enjoyed it. GREAT!!

By the way, I'm off home now. Thanks for an amazing 3 weeks of expedition, I'll be back next year!

Rich Doyle

26/7/98 Harvey & Jo have ~~the~~ competence/incompetence attacks in 2/7.

A jaff of over two hours before setting off for 2/7 was compounded by a protracted walk up. I started ~~a~~ holding the incompetence baton by descending the first two pitches ~~a~~ with my central maillon undone. Harvey was then passed the baton at stimulated emission squeeze (which is it). He decided to observe tradition by making it into a squeeze - headfirst is an interesting technique. We descended to the ~~a~~ spiky ledge with whoops & cries, and then beat a retreat. It took us less time to prussik up the shafts we had descended, than to ab. down. It also took us less time to get out of the rifts than to get down them, mainly due to Harvey's inexplicable attacks of competence & my attacks of fast prussiking. Most alarming. A fantastic trip, out in time for the sunset.

Jo

⊗ G0/5 : Location: about 15m around the base of the cliff to the right of 8/5. No draught on 25/7/98.

Was : " A small descending vadose passage ends in a tight squeeze requiring someone small to push it."

→ Now : " A small descending badger hole requiring someone smaller than me (Car) to get entirely underground."

Car

Paul & I (Harvey) should like to thank Car for the splendid entertainment he provided whilst inserting himself into this hole, Paul Brenner for a 'slightly' inaccurate (exaggerated) description of this cave/hole, & Fleur for providing the Poncho we drank whilst watching the performance.

Harvey

65

27/7/98. I'M OFF BACK TO PLYMOUTH. THANK YOU EVERYONE FOR AN ACE TIME - YOU'RE ALL DARLINGS! I WILL CERTAINLY COME AGAIN.



Martin & I went back to tag 72/5, which seems to be just inside John's 'trapezium'. En route, looked at 27/5, where the labelled site is a no hope, but the rift beside it has small drop, awkward to squeeze into under a bridge, which may go somewhere. Certainly, the rift it's in looks like an unroofed bit ~~of~~ ^{of} very old cave, with ~15cm scallops (to N?) & remnants of old stal.

72/5 remained tantalisingly inaccessible - tag above entrance blends with rock so is only visible if grass & heathery slope to W is descended, other 3 sides being steep rock, with vein to S which persists E-W as a grassy route.

Carried on E past 22/5 to a couple of SE @ sites due E of Gustafson, a 45m shaft E and a blocky chamber.

Then uphill in mist to find an unmarked shaft, maybe 20-25m to snow, in rift near one of the paths from Curicote level to Dulcinea, below steep grassy slope up to Dulcinea bowl. Bearings 235 Curicote; 250 La Verdelluengne; 273 La Rena; 311 Gustafson UTM of - 436E 883

We must now return, all too soon, to Wales leaving you our best wishes for further revealing the nature of Cornish Underground. I will be putting together a VRML model of the area (3D computer data on entrance locations + cave survey lines which can be viewed from any angle, have hypertexts inserted to descriptions etc). With luck, this will allow maps to be associated with the shaft bashing guides to make it clearer where things are in relation to each other and get away from perennial problems of mist not allowing bearings, bearing misread or misinformed, confusing descriptions (to left - is it going up or down?)

28/7/98 -

Whilst alone at Ario this afternoon a lone walker appeared from the clag. He said "Are you the Oxford cavers?" "Yes," I replied. The walker then said "I live in Newcastle and I am Ian Benson's housemate". "Oh yeah." I said, and that was that.
Rhyp.

Shutbashing in area 9 - Keith & Fleur

26/a

On the way to 27/a, we rediscovered 26(a,b,c) the 'lost cave' that Bill & John were looking for when they found 27/a.

Bearings are (from just above 26/a a) :

- Verd. 226°
- Curv. 176°
- Ult. 134°

Didn't go back down - remains to be explored.

32/a

Next find was an open shaft, about 1-2 m diameter, 2 second (?) drop. No tag found, so named 32/a. Undescended.

- Bearings: Curv. 154°
- Verd. 240°

31/a

The uninhabited dig in a shale hole (see earlier). After much fun lugging 2 wopping great boulders out of the way, ^{& Fleur wanting them to be thrown on her hand} a ladder was lobbed down the pitch & an unsuitably clad caver inserted into it.

Down 5-7 m to bouldery floor, possibly diggable. Rift leads off but too tight to enter.

Got different bearings to John's previous bearings.

Ours were: Ult. 126°, Curv. 170°
And then on to 27/a to do some proper caving...

(67)

24/7/98 Ave = 2/7

Team = Lynn, Alison, Horrie, Boris, Tom (part time)

Objective = Attach Boris to comeds below

- Complete trip with no hang-ups about efficiency
- Visit the top of Perimists pot

Success criteria • Boris looked 'erie' with his green light stick swinging underneath / above unsuspecting caves

- Regular meet-ups for fudge & chats ensured maximum waiting at pitch bottoms etc.
- Perimists reached.

∴ A good trip!!

Horrie

Bill, on 27/9 :

"I mean its not going anywhere, of course, but its good practice for my rigging. We've just waiting for the next poxy little pitch to end in a boulder choke."

29/7/98.

Good bye all, back to Britain for a week then off to the Verors. Thanks for letting me come on expedition again, its been great. Hope you find the way on. See you in Britain.
Rhy.

PS. Contact me via my parents on 01939 ~~XXXXXXXXXX~~ if you want Danyr-ogof or OFD trips etc.

Markin back again to find a ladder to check out an entrance found ostensibly on way home yesterday. It's down in the valley left of head of Sod 2, by a path (Sod 2 alternative?) and 20m SW of a draughting boulder collapse. It's a serious draft & the hole has a mossy slope down to a drop into - who knows? No markings apparent and interesting as it may lead back to the blank area between the Aris path & Aliseda ...

29/7/98 GSP Harvey & Fleur.

I fancied a project before my next camping trip and this seemed ideal. In the end we did not make it to the bottom of Tumbling Dice, but had an excellent trip - there's some nice cave down there. Things weren't too inefficient, but a little slow as I was rigging (!). The initial pendule gained an awkward rift with an entertaining climb and squeeze then a pitch where I completely failed to find the rebelay and a light fall, where everything went wrong at once. But some excellent ~~for~~ Plasterstone and moormilk formations as well as a little peppery grotto thingy. These little patches gave more entertaining rigging - giant rock bridge, wire round 3 times. Then it was time to head out, the aim to return in the daylight.

Surprised to see Chris + John coming in about 9pm for their camping trip. Tried our best to confuse them about which rope to use at the Head of Flying Reblays ...

An excellent jaunt. Shame about the daylight. PAF

PS - If you want to push this there is a 120m rope and rigging gear for Tumbling Dice at the Bottom of the Blind PA series.

(64)

29/7/98 27/9 ~~Garin + Keith~~ / ~~Garin + Mum~~ / ~~How~~ / Mum + Keith ✓

Trip originally planned for Garin + Keith. When I got up, Garin was hanging around already 15 mins passed his 9:00 am start time, with no sign of Keith. "The early caver gets the trip!" said Garin, so we started out at 9:45.

On reaching the cave I found that I'd left my SRT kit behind. "You'd better run back and get it," said Garin. "I'll stay in and re-rig the 2nd pitch."

On reaching Airo, I collected my SRT kit and bumped into Keith.

"I'll be 15 mins behind you" said Keith.

"Doesn't someone have to guard camp?" I said.

I sprinted back up Lustrum to find Garin still on the surface and about to pack because of a non-working lamp. "I'll send Keith up, if he still wants to come," I said.

I started down the cave on my own, with one tackle bag, collecting another at the bottom of the first pitch. I then re-rigged the second pitch using the bolts Chris had put in yesterday. The one for the deviation must be all of a $\frac{1}{4}$ of the way in.

I reached the head of pitch no. 3 and started getting the gear ready. Keith caught me up. "Is Garin down the pitch?" he asked. "He has gone back to camp." Keith rigged the 35m rope on the pitch and abbed down. Yesterday Chris had bounced on the end of a 25m rope on this pitch. Keith bounced on the end of the longer rope with his feet two feet off the floor. He untied the end knot and touched down.

We landed in a large rift with a small stream. "Upstream" led to a climb so we headed downstream. The 5th pitch descends the centre one of three parallel shafts with the rift continuing beyond in either direction. We soon reached a pitated climb down which had a howling and very cold draft. A well decorated and awkward rift led to the top of pitch no. 6, rigged on networks, 15-20 m. At the base, the stream flows into an impenetrable rift, that I had to rescue Keith's welly from. The rift is very tall and huff way up is a short crawl to a drafting squeeze / s bend - well hammered

but still not possible. At the very top of the rift is a very nice gully. Headed out looking at leads - nothing promising - and did slight rigging alterations in the last/bottom 2 pitches, placed a second bolt at the head of the 5th pitch. Good trip!

Down

27/9 - The missing write ups (the ones that aren't missing.)

18/7/98 → 25/7/98 : Bill & others push some through 3 entrance pitches to chole (above).

27/7/98 : Chris & Keith break through boulder ~~chole~~, leaving a rocky rock which gives the rift its name, "Rocky Horse Rift" into 5m of rift with a pitch through a small hole in the floor. Mud/calcite streamway above the hole gives the 4th pitch its name: "The Chocolate River" (w/20m) ^{Flow or 2 spur} working on the removing (smashing up rocks from the pitch head.

28/7/98 : Gavin finishes along the pitchhead & is later joined by Chris & Keith. Chris rigs next pitch & dangles on a 25m rope about 10m from the bottom. * see note about loose pitchhead on diagram overleaf

29/7/98 : (see above write up). ~~How~~ & Keith return with a longer rope ^(35m) - almost long enough for the pitch. Pitch lands in a big rift with small streamway at the bottom. Upstream leads to a climb into a phreatic that enters a too high rift. Small inlet near the start

(71)

of the upstream lead is small but enterable. Pool of water which goes the inlet to next ("for carbides sake") needs to be couled through if this lead is to be pushed. No. the How nor Keith. Alth like getting wet - so this had still going.

Downstream leads through pretty calcite formations (Keith ecstatic!) to a 6m pitch (~20m). Pitch blind but rift leads off, ~~entering~~ a being too tight in at the end where the death disappears. A small person could probably climb in it, but an awkward S-bend means that it probably needs hammering/chiseling to be doable. Definitely worth noting at the case seems unlikely to end here & there is a good draft - definitely worth hammering. Being might help. Also a possible muddy ~~climb~~ dry vent to the

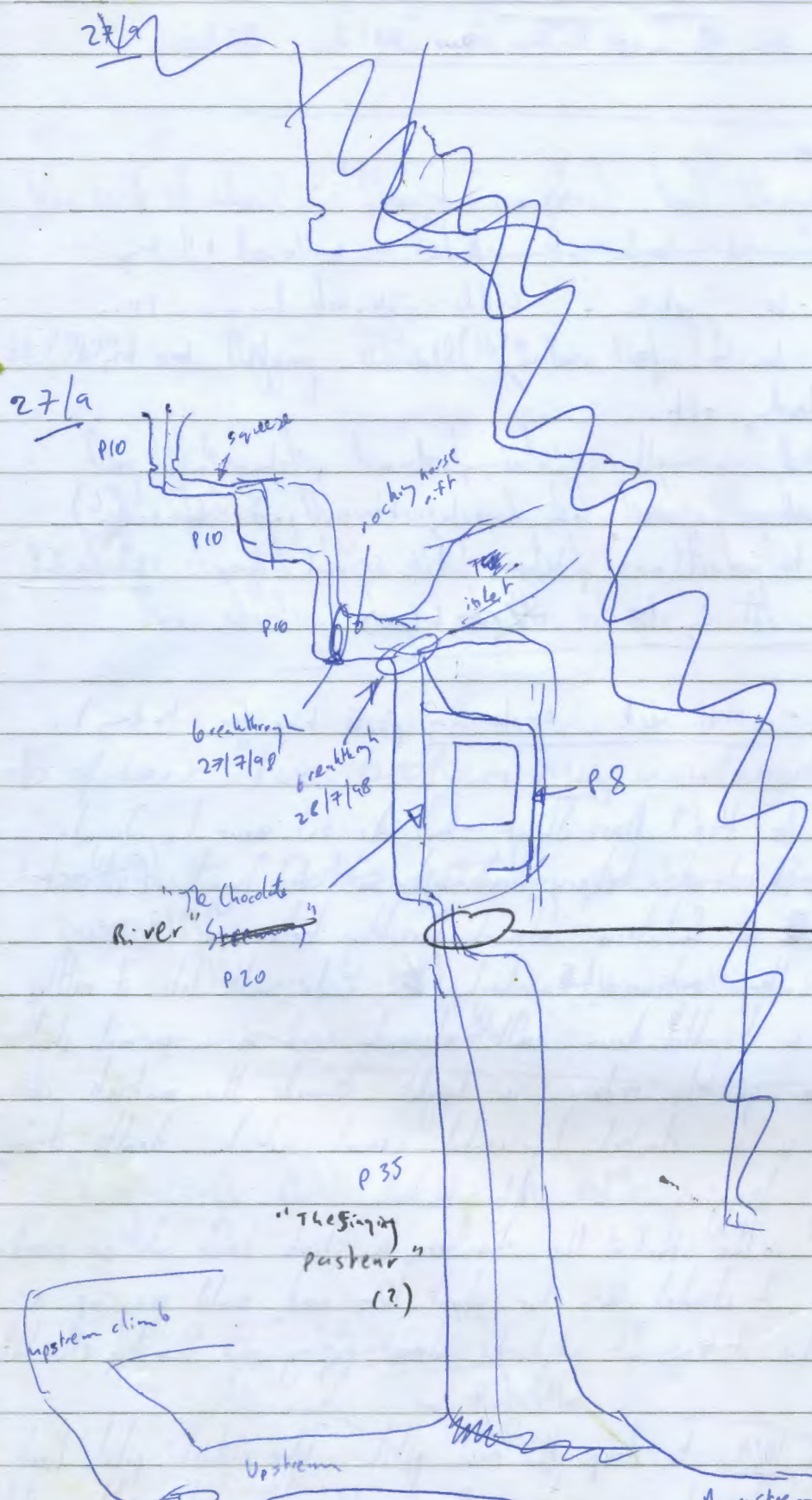
^{squeeze} Keith attempts to squeeze down into base of rift, being over it to shreds & nearly lost. ^{nelly - still possible for small people (could bit near shaft of rift)}. Climbing up the rift on calcite flashings, as "Nocilla Streaming" (brown on one side, white on the other), leads into "China brotha" - probably the most beautiful place I've ever seen in a cave. Crystal pools, "Chinese flowers", lots of huge stalbs & pillars - a gorgeous place. Worth photographing - especially before it gets trashed (which will be a great shame if it does).

Possible way over China brotha? Unlikely?

30/7/98 : How, Alison, Keith return intending to survey, but all climb down 2/7. ~~The~~ Hole in wall of "The Chocolate River" checked - walk across boulders jammed in rift leads to short pitch, from base of which rift can be followed back under boulders, connecting (through tight bit) with base of "The Chocolate River".

Possible phreas leading off from near top of 5th pitch (opposite 1st deviation) ~~?~~ ? - needs chiseling. Possibly other leads in the wall of this pitch? Squeeze at end ^{still} well worth hammering as well.

Keith



LOOSE PITCH HEAD

The rock seems solid but is complete shit. Chris advises "not too touch any of the walls" but ~~are~~ more feasible plan is for anyone at the bottom of the pitch to hide downstream - it's surprising how far along the rift ammunition falls at the bottom, so you need to be quite a way round the corner to be out of the line of fire.

"China Grotto"

Limit of exploration - needs ammunition bag

30/7/98 Shatbudi in area 9 - Keith, ~~Hansen~~ Alis

27/9 - see above

10/9 - Squeeze at head of pitch walloped hill by enough to get in. colder chucked down. 10m pitch leads to rocky floor with too bright with lead off.

Ade in wall 1/2 way down pitch with a couple of niches on rocky floor past bones (!) leads to another pitch. 1 1/2 second drop. Undergraded worth returning to. * (see below)

20/9 & 32/9 - still need exploring (note time for today).

~~33/9~~ - Could be 14/9 Bara Shigri - but its not near La Jayada
At end of valley (containing 10/9) on SE side of Gintubera heading towards La Jayada / Cuvicente
On S of Gintubera, almost directly below 27/9.

Large, walk-in entrance, 4m high / 6m wide, with lots of nettles and a tumbled-down wall - obviously used as an animal shelter. Chamber quickly reduces in height towards the back where there is a choked, horizontal crawl which drafts strongly.

Easy digging - I'll be back!

Also, in the roof of the chamber, a climb leads into an ascending tube. I climbed this for about 10m and could see up a further 3-4m. It must be almost poking out the top of the hill.

* A note for anyone going to 10/9 to drop the new pitch. The first pitch head was dug open. I stacked the larger rocks on a 45° slope above the pitch. This needs removing for obvious reasons! We dropped the pitch on ladder + lifeline. There is no rigging in the cave. The rigging could best start from boulders on the surface.

Alis

Note: Flew & Harvey have left a tackle bag of gas and outside at the seventh Heava - its wasn't needed at camp.

Who said of whom? - "They're competent but they're just number twos."

31/7/98 Digging ^{14/9} ~~14/9~~ (14/9 Bara Shigri?) Huw

Dug 3-4m to low arch into open passage. Rift 5m long, 1.5m wide, 1m high and choked. Dug lower end but looks hopeless. Yesterdays strong outwards draft changed to a weak inwards one today.

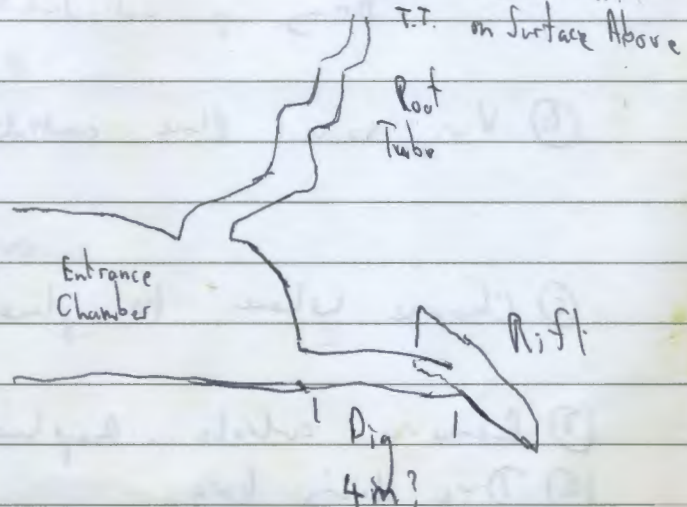
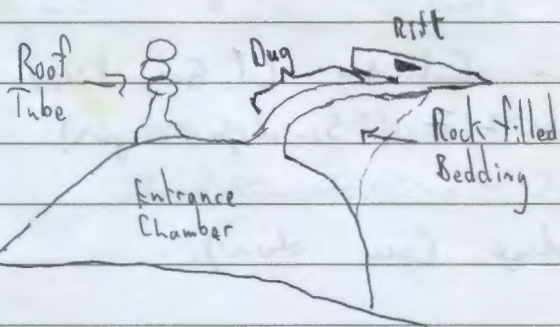
Two absiding slugs at the entrance.

Rob of Lew "I've broken my undergraduate"

Look out: Rob's getting possessive. (and Dave's getting jealous...)

I'm sure there must be something sticky around to fix him with?

Very rough sketch survey of 14/9



(75)

Something to think about: DYE TRACING

→ like know

A plan ① Place detectors for controls

Locations: High priority 217 stream (near Big LARSA)

Culicmbro: a) Above resurgence
b) In resurgence.

Lower priorities: Cain stream

Other confluences e.g. El Noyon Andree.

② Place detectors for samples

Same locations.

③ Place Fluorescein in chosen sites

Options: i) F807: Prime site, ~~great~~ excuse to pirate
but long way away.
No stream found yet.
Big fish commitment.

ii) C3/44 → stream down The Market.
Should be day's rigging trip
Belt could take longer.

iii) New areas, e.g. 27/9

Plan A In near future: i.e. Today if there is a carry.
Bring up additional chemical + lights!

④ Very soon: place controls in Culicmbro (1 Gorge trip)
+ 217 (Sunday's confluence)

⑤ Choose where to place dye (see above).

⑥ Remove controls. Replace with samples

⑦ Dye placing trip

⑧ Remove samples (? if time allows replace).

Survey of Tantalus (2/7)

30/7/98
Δ oc Δ y

Δ z Δ elev

0 ← 1	5.08	125	-25
1 ← 2	3.49	103	-01
2 ← 3	3.35	169	-04
3 ← 4	3.48	150	-52
4 → 5	4.00	000	-19
5 ← 6	6.50	178	+04
6 → 7	3.87	032	0
7 ← 8	5.26	128	-55
8 → 9	2.33	310	+48
9 ← 10	3.66	067	-07
10 ← 11	7.65	172	-22 ?
11 → 12	12.00	134	+06

W2

10 → 13	12.50	315	-07
13 → 14	23.93	—	+90
14 → 15	5.24	222	+82
15 → 16	21.54	052	+84
16 → 17	7.52	305	+80
17 → 18	7.38	288	+45
18 ← 19	5.41 ?	328	-49
19 ← 20	1.00	306	+18
20 ← 21	5.20	263	+15
21 ← 22	29.91	251	+12
22 → 23	6.25	072	-14

Tape - Joanne Whistler
Book/Compass/Climo - Paul Mann

77

	L	2	u	D	x	y	z	exel.
0	0	0	0	0	0.00	0.00	0.00	0.00
1	3.0	2.5	2.0	2.0				
2	1.0	0.2	>5.0	1.6				
3	0.3	0.6	>5.0	1.6				
4	2.5	2.0	~6.0	4.0				
5	0.6	0.6	0.3	2.4				
6	0.8 1.0	0.0 1.0	>5.0	1.8				
7	0.5 0.0	3.0 0.7	>5.0	1.4				
8	1.0	0.7	>3.0	2.15				
9	0.5	2.5	1.2	~3.0				
10	8.0	1.0	~15.0	4.00				
11	0.0	~6.0	~40.0	1.5				
12	2.0	2.0	~40.0	1.5				
13	4.0	4.0	~50.0	0				
14	/	/	/	/				
15	/	/	/	/				
16	/	/	/	/				
17	/	/	/	/				
18	/	/	/	/				
19	/	/	/	/				
20	/	/	/	/				
21	/	/	/	/				
22	/	/	/	/				
23	/	/	/	/				

Furthest part of fissure

Some observations on the Survey.

Repe (dumb) - eye level

Two routes were found from the Pimpernel Streamway, but there is only one set of survey notes on the computer. This may be either the old abandoned route or the new route via Soap-Dragon. Either way, the survey of Tardals has been ^{linked} ~~linked~~ in the in the WILSONS place and needs to be sorted out in C.B.

Pomark Station - Caribis S, car at the station

Base of rope (deviation in)

Horizontal deviation

Bolt

Horizontal lower deviation

Y Long knot

Upper right hand bolt

Lower left hand knot

Boulder near Tardals.

(Rock)

QH 24?

Rock/Carru Near White Inlet.

"You squeeze & I'll screw" - Harvey to Jo

Et in Arcadia ego - Tara, Tone

DYE TRACING 2.

→ Gavin + I will be placing detectors in the 2/7 stream (the where you fall water from to the BIS CEDAR camp) today (2/8/98). These will be controls. We will remove these on Thursday (6/8/98) and replace them with 2 bags for samples.

The plan is to place dye in 27/9 stream (unless a better site arises). ∴ The dye should go in sometime after Thursday, e.g. Thursday evening or Friday (7/8/98). It is imperative to do this relatively swiftly to maximise chances of a positive trace.

We also need controls and samples in Culiebros. ∴ Someone needs to go down to the Gorge (either via Curruwina or from here down the Tree path) and place ~~controls~~ bags.

- A) In or below the resurgence
- B) Above the resurgence

I ideally this would be one party between now and Thursday for controls, a 2nd party on Thursday for samples and a 3rd party sometime towards the end of August for to pick up the samples. If people are not so keen on Gorge trips (stunning walk & beautiful resurgence area!) then only the 2nd + 3rd parties are essential. I'm happy to take a tourist trip down the gorge.

Remember it is in the conditions of carrying in the area that we tell/let ICONA know what dye tracing we are doing.

∴ It is essential that on a shopping / dining trip to CANCUN that someone goes to the KONAC Park's (Warden's) Office on the main street, and Chris Ken know where we are placing dye (ie 27/9 on Guadalupe) + that we are only using FLOURBESCREEN.

J.C.

2/7 Chris & John Wed 29th July + 2nd August (Sunday)

A late start, since the 2/7 monster had eaten all the carbide necessitating a trip to Lagos. Bed at Grimada Point 4 a.m.

Day 1 30th July: Impossible to get much of a lie-in (niggers gets the inner only pit to sleep in & no carry mat) ~~and~~ and we were woken by the heart warming moans from Dave as he struggled into his wet furry to go digging ^(Tomb 3 E) ~~up~~, part of the hot-bedding quartet. Went off to continue Paul's climb on the south side of the river, off Postman Pat. Ramp was too ~~hard~~ ^{hard} to be able to cut steps in it, ~~and too~~ ^{cock to} bolt it (John took a tumble trying to ascend it directly). So we bolted up the right hand wall until the driver expired. So, on enforced early night, gets us back in step with the others.

Day 2 31st July: A record morning with ten people at camp. Tony & Alec had heard (at Big Ledge, news travels fast) about the driver mishap, and came to 'help out' with the climb, i.e. start off again with a new driver. So John & I went off to look at the Colostony choke. Further way in was impossible with ~~at~~ hand tools, so set about hammering rift below. After 3-4(?) hours of hammering, the squeeze down ~~to~~ was very nearly possible. Only one lump need to come off, if anyone can be bothered. Not much sign of a draft.

Surveyed back to Pipperell Streamway to finish off the evening. At camp, Tony & Alec had written, with Tony, wires, hammers, in very big letters: **GO TO THE CLIMB!** Roll on Day 3.

Day 3: An extra day was granted to us by the prefect,

1) demoralised exit by the hot-bad diggers of Tim's Bit.

Continued Paul's climb where Tony & Alec had left off. Found they had done the hard vertical part, now needed only a few more bolts across ~~the~~ the wall and up to the left, to be able to step up a 45° mud sloped phreatic tube! John put in a bolt, and went for the climb, after spending a while summoning up the courage. But no, he peeled off & fell several metres onto his new bolt. He came down, & I had a go.

Looking across at the lip, I could see } } marks left by John's fingers as he fell off. } }

I put in one more bolt, so I could now just get one foot over to his handhold found one more handhold round the corner & was up. More bolts, then

John came up to my new stance & cut mud step up the slope. He put in a Y-hang after c. 3.5m, then I went back to fetch

some rope from Tantalus. Rigged climb properly, then I carried on up the slope to reach ... the top, or at least high up in,

a RIVER CANYON. Seemed like it could be the mainstreamway, but I thought we had been bolting our way away from that

for the past few days. Confused, we came up with a few scenarios.

- 1) It is the mainstreamway, and we are stuped, or just confused.
- 2) It is an inlet to the main streamway, and joins up e.g. at Drucilla
- 3) It is a separate streamway, bypasses Egbert, and drops 500m in wet pitches.

Whatever, the result is sure to be a disappointment. Rigged, dinked over the opposite side of the new canyon, to no way on. Back to it was, back out.

27A 3 August - Beelia + Neil Thu 5 hrs.

Despite both of us being kids Expo Newbies + neither us having been to the cave, we found it within 10 minutes, thanks to the cairn + Huw's directions. Wandered on down to 5th where there was a just lower by deviation for the main hang (30m+) on what looked like a thin, fractured mud bridge. Neil took one look at it + thought sod that. He took it off + we put a rope tector on to protect the slight crev + down the dip. We mistakenly thought this was the bottom so we snuffled around the pretty ~~cooler~~ white chamber + the inlet climb the other side. Then I spotted the next rope, so we went down the 6th (but loose + chossy) + then climbed up the white to a gorgeous decorated chamber (stabs, decorated peels etc) but no real way on, bar a tightish vertical climb ^{+ just before} up from the upper white chamber. Then down to the rift + started squeezing alternated by hammering. Lost the chisel + my coat but didn't really get anywhere, despite headfirst, feetfirst, horizontal, vertical, welly-less, helmet-free etc. Out to lovely evening. I Challenge Lucey to push the rift!

217 CAMPING - FLEUR + HARVEY

A camping trip down 217 when you're 'well paid' is for woories. We decided that if you want real challenge you have to do it without any kind of hardness at all. Fortunately Fleur hasn't come to terms yet with the fact that she's become a hard caver. I have managed to steer well clear of becoming hard.

So David Mumaghan asked if I wanted to camp down 217 and I took the challenge. Did loads of portering trips through the rift, and then got a severe dose of the shoo at the vital moment. It seemed I had missed my chance for ever. Then 6 years later, Jonathan Cooper asks if

I fancy going down 2/7, & I decided that nothing would stop me. It did concern me however that having done hardly any SPT for ages I stood little chance of getting back out. This during the (summer) months before expedition I got into some serious training - i.e. a trip down Brown Hill where Rob & I taught each other climbing songs.

Thus it was that I came to share Fleur's delightful company down 2/7

Items FRIDAY

- Day & rain at Airo => Good to get underground
- Met Rob "what squeeze?" (sart stuck in 7" between - squeeze (the kn))
- Met Lev "Choco-light-texture" Bishop
- Met Dave Lacey & Neil at ridiculous rebels or the hundred
- Met Paul & To on The Big ledge put a dead cave (Alek) at start of London Underground
- Met Tony in London Underground
- Met Chris & John at Primula Point

=> WHAT A WONDERFULLY SOCIABLE CAVE THAT IT.

Also Henry got all excited about 'Just Areson' as predictable + wonderful camp site etc.

SATURDAY

- Looked for climbs up from Havers in Zardakha way. One didn't turn into a climb at all really. One was a 'sporting' climb up, and then Havers decided he'd rather put in a bolt than either 'go over the top' or fall down unprotected. Fleur threw her bright light up the mud slope at the top which disappeared into a muddy tube which appeared to close off. This is the only climb off the Havers line, on the left as you exit the cave, about 2 1/2 bolts along the big line.
- Tourist trip to Choke Egbert, where Havers got all excited again & scampered all over it. (Bit of a pilgrimage really)

SUNDAY

- Surveyed 'Paul's climb' off Postman Pat, (see next page)
- This finishes at head (?) of a rift with sounds of large stream

- Decided that was down rift - needs some rigging to get down / traverse along etc ∴ left rope + rigging gear for next team
- It seemed that we hadn't crossed the main stream way, & hence the stream we could hear was that
- However, entry of survey into computer suggests that horizontal length puts the end point well over the S.E. side of the stream
⇒ SOMEONE MUST GO DOWN RIFT & FIND OUT IF AN INLET ET CETERA!

MONDAY

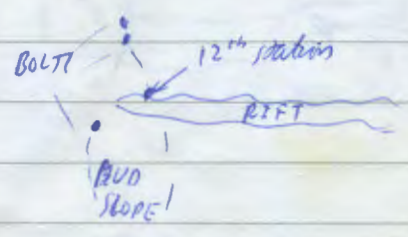
- An experiment to see if Harvey could prossik as far as the surface
- COSTARD ON THE BIG LEDGE!! AMAZINGLY WONDERFUL.
- Got to top of Peninnis in under 9 hours - no stretchers required!
- Entertaining trip through rift with bonus satisfaction of each getting a tackle rack through paradise, & pleasant meet with 2 Irish chaps
- Out by 11pm!!
- Fast walk down hill with Fleur & Harvey mostly intact & only slightly damaged

Many thanks to Fleur for being a smashing guide.

Harvey Smith

SURVEY OF PAUL'S CLIMB OFF POSTMAN PAT
Fleur Lovendge + Harvey Smith ∴ Sunday 2nd August 1

- 1st Station = small crevice by windows into Postman Pat (i.e. 1" time you see up into it as you ascend)
- 3rd Station = 1" bolt on climb
- 5th " = Bolt at base of mud slope
- 12th " = bolt on other side of worst rift



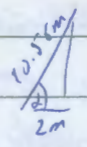
P.T.O.

All survey legs = forward.

85

From last station

Station	L	R	U	D	Distance	Bearing	Vert. Angle
1	1/2	2 1/2	1/2	0	-	-	-
2	∞	∞	∞	2	8.24	205	+19.5
3 ^B	15	15	-	-	9.73	184	+16.5
4 ^B	6	5	-	-	10.56	-	$\cos^{-1}(2/10.56)$
5 ^B	8	0	9	1	3.58	128	+38
6 ^B	3	2 1/2	6	1	12.88	114	+31
7 ^B	5	0	10	1/2	14.19	153.5	+44
8 ^B	5	0	8	3	5.15	141	+57.5
9	6	4	11	0	4.40	167	+49
10	5	0	7	1	6.10	-	+90
11 ^B	0	3	2	1/2	25.28	124	+42
12 ^B	Facing side of cross vlt				8.76	152	+28

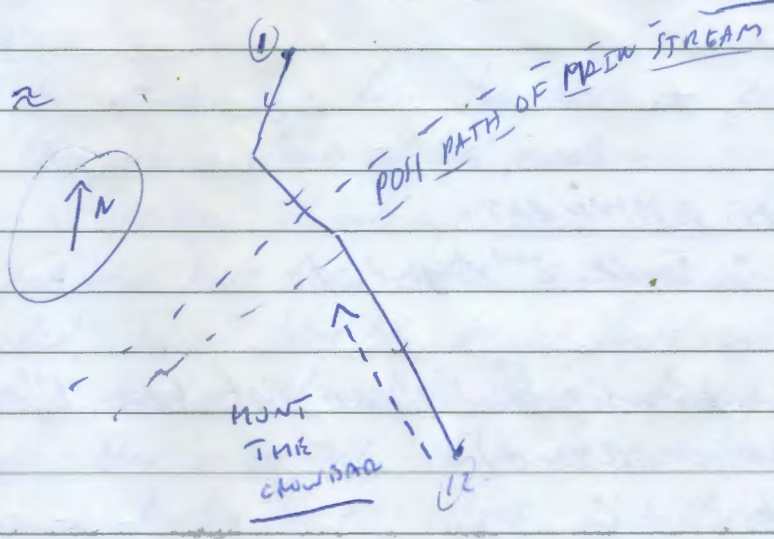


up slope

^B = Bolt

Data entered into computer as PLSCLMB.SVS
 Randomly tied into main, Q177 - but this is a guess!!

Plan view ≈



Survey of Pixie Footsteps
 Notes CJD Inst. John Shery

31/7/98

Station	L	R	V	D	Dist	Compass	Clina
1	0	2	2				
2					15/12	078	-15
3					7/45	094	+14
4					13/70	085	-20
5					5/25	003/5	-8
6					15/45	105	+21
7					5/77	170	+41
8					2/26	259	+31
9					10/3	250	+48
10					3/0	250	0
11					12/45	228	+56
12					3/58	154	+40

12 = 2nd from last below on final traverse of Pimpernell Streamway
 Tied in to main, rd 14 as a guess



(87)

Neil + Becka

4/08/98

Shaft Bashing Area 7 & 9

Walked up to 2/7 to drop off casing gear. From 2/7 walked round and down to 3/7. Continued round on ~~2/7~~ to the low ridge and located 23/7, a 25m shaft on the north side of the ridge. Becka & I found a shaft 10m W from 23/7 and 144° SE to Jultayu. The entrance is a small rift parallel to 23/7 1m wide by 3m long. Stones dropped for 3 to 4 seconds, rattling. Estimated depth around 40m. ①

Continued walking and found 41/7 and 42/7 before heading NW towards Gustutaru. In the valley west of the low ridge found two small entrances beneath the scree slopes, 192° South of Cuicente. First entrance in a rift beneath large boulder. Small chamber, checked solid, not worth re-visiting. The second entrance was found round the back of the same boulder, a small hole which needs excavating and a slight draft can be felt. ②

Walked west across several small parallel valleys. Difficult to locate exactly where we were due to low cloud levels. One valley had a path and a cairn at the north end, ~~in~~ in the lowest part under the left hand wall we found a small entrance around a boulder floor. Gaps in the boulders looked down into a passage, handline useful for the descent. Continued the ^{walk} back up Gustutaru and 27/9. ③

I would say ① most promising (nice obscure entrance) then ③ then ②.

"I'm going through my female teenage years for the first time..."
 "...up to now I've only had to deal with my male hormones" - Harvey

"A stegosaurus - that's not a velociraptor, is it?" - Chris

"That's the good thing about the human body - most of the important things you have two of" - Lew

"That says something about the thing you've only got one of"

Speliology's Best

~~Next 3 pages reserved~~

This page reserved for contributions to this 'song'

Chorus: = Speliologi best lads, speliology, best
(Shag your oversuit)

Verses: Dash your knees in a squeeze.
Thrust your way through the crevices
Slime your way up a climb.
Smoke some dope on the rope
Have a cluster ... in a duck
Relieve your bladder on a ladder
Have your bloke in a choke
~~Get laid on a spade~~ (Quality control)
It's a bitch of a pitch
Have a dump in a nump
Jam your rack in a crack

5/8/98 Becka + Pat 217 Thu 5314

Warm-up for me, beer for Pat, my first trip in to 217, Pat had got to start of rifts before lots of imitating gear - fiddling on + off, but to + from rifts without really going off-route, to our surprise, suddenly end into fissures + space! We had lunch on the ledge 70m down, then I headed back up ^{← u.k. rope down of space!} (cos I thought I'd be going down again the next day on a camping trip although (Pat got delayed) + Pat went to Armageddon Ledge. Met Adam + Chris on flar way down. Out early to sun, nice bright forward trip

6/8/98 Becka Salt-basting all over.
Raid 4/18, SE unworked cave ²⁷¹⁹ 2715 + 2015 but nothing new + nothing brought by + bloody hot.

84

Master Plan Number Two Next.

- A - Photo Trip 2 Nights at P.P. - 2 at Big ledge
Derig from P.P. to B.L.
Carry out 4 pit seats, karimats to some camp
- B - Post Upstream? 2 / 3 nights at Big Ledge
Post Upstream
Carry out any excess carrying gear.
- C - Derig Camp 2 Nights at Big Ledge
Post upstream
Start derigging J/A & lower shafts
- D - Deep Day Derig Derig remaining shafts as far as possible
- E - Rift Packer Derig any more shafts? Packer in 2
stages to base of Seventh Heaven?
Derig shafts to base of Flying Padelage*
- F - Derig G.S.P. Derig G.S.P. / Flying Padelage
- G - Derig Seventh Heaven / Packer Poles Up to Entrance

the

* Packer further if people are keen to do.
in third Packer, or if enough people
to do it in two!

Packer - with 10 people, should be able to packer

- A) Top of pessimists → Black crystal pit (where you climb down then up
again before G.T.P. & Gripper)
- B) Black crystal pit → Base of 7th Heaven

With 13 people, could manage

- A) Top of pessimists → Gripper
- B) Gripper → Entrance.

	Thu	Fri 7	Sat 8	Sun 9	Mon 10	Tue 11	Wed 12	Thu 13	Fri 14	Sat 15	Sun 16	Mon 17	Tue 18	Wed 19	Thu 20	Fri 21	Sat 22	Sun 23
Paul	/	A ^{pp} A ^{pp}	A ^{pp} A ^{pp}	A ^{gl} A ^{gl}	A ^{gl} A ^{gl}	A ^{gl} A ^{gl}	rest	/	E	/	S	/	/	/	/	✓	✓	✓
Jo	/	A ^{pp} A ^{pp}	A ^{pp} A ^{pp}	A ^{gl} A ^{gl}	A ^{gl} A ^{gl}	A ^{gl} A ^{gl}	rest	/	E	/	S	/	/	/	/	✓	✓	✓
Becky	/	A ^{pp} A ^{pp}	A ^{pp} A ^{pp}	A ^{gl} A ^{gl}	A ^{gl} A ^{gl}	A ^{gl} A ^{gl}	rest	/	E	/	S	/	/	/	/	?	coast	coast
Nathaniel	/	A ^{pp} A ^{pp}	A ^{pp} A ^{pp}	A ^{gl} A ^{gl}	A ^{gl} A ^{gl}	A ^{gl} A ^{gl}	rest	/	E	/	S	/	/	/	/	4	ch	ing
Dave	/	/	/	/	C ^{gl} C ^{gl}	C ^{gl} C ^{gl}	C ^{gl} C ^{gl}	rest	E	/	/	/	/	/	/	/	/	/
Rob	/	/	/	/	C ^{gl} C ^{gl}	C ^{gl} C ^{gl}	C ^{gl} C ^{gl}	rest	E	/	/	/	/	/	/	✓	✓	✓
Flew	/	/	/	/	C ^{gl} C ^{gl}	C ^{gl} C ^{gl}	C ^{gl} C ^{gl}	rest	E	/	/	/	/	/	/	✓	✓	✓
Chris	/	/	/	/	C ^{gl} C ^{gl}	C ^{gl} C ^{gl}	C ^{gl} C ^{gl}	rest	E	/	/	/	/	/	/	?	coast	coast
Tim	/	? B ^{gl}	B ^{gl} B ^{gl}	B ^{gl} B ^{gl}	B ^{gl} B ^{gl}	B ^{gl} B ^{gl}	rest	/	F?	?	/	/	/	/	/	/	/	/
Lou	/	? B ^{gl}	B ^{gl} B ^{gl}	B ^{gl} B ^{gl}	B ^{gl} B ^{gl}	B ^{gl} B ^{gl}	rest	/	F?	?	/	/	/	/	/	/	/	/
Gavin	✓	rest	/	/	/	/	/	D	/	E	/	/	/	/	/	/	/	/
Debe	✓	rest	/	/	/	/	/	D	/	E	/	/	/	/	/	/	/	/
J.C.	✓	rest	/	/	/	/	/	D	/	E	/	/	/	/	/	✓	✓	✓
Huw	✓	rest	/	/	/	/	/	D	/	E	/	/	/	/	/	✓	✓	✓
Lev	/	/	/	/	/	/	/	D	/	E	/	/	/	/	/	✓	✓	✓

4 6 6 8 4

S.S.P. to be pushed
27/9 to be surveyed!
(detached unless
photo's needed)

4 Days to
carry down
Hill.
(could be made
5 if required)

Beet Party
Drive to farm
Drive to farm
Party

What Tony, Pete + Anne did - Pixie Bi Steps up Colostony
→ Bolt BUSHY 4CHTS

What Dave + Neil did → Colostony choke
Tim-Bil Rig

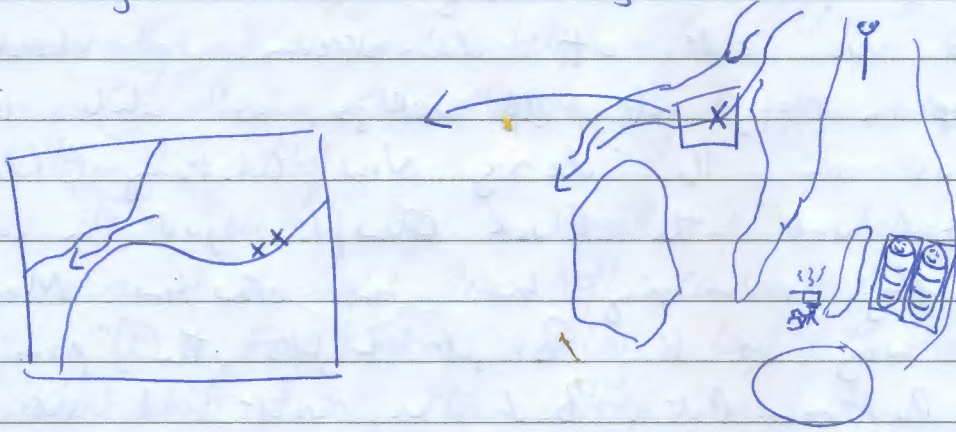
What Lev + Rob did → Tim's Bil Rig

Gavin + J.C.'s Camp 2 → 86 August.

SUN

Day 1 → ~~SUNDAY~~ MONDAY.

Gentle stroll down the cave with a knuckle-bag each. In by 1:30, place 2 dye-detectors in stream by BIG LEDGE camp.

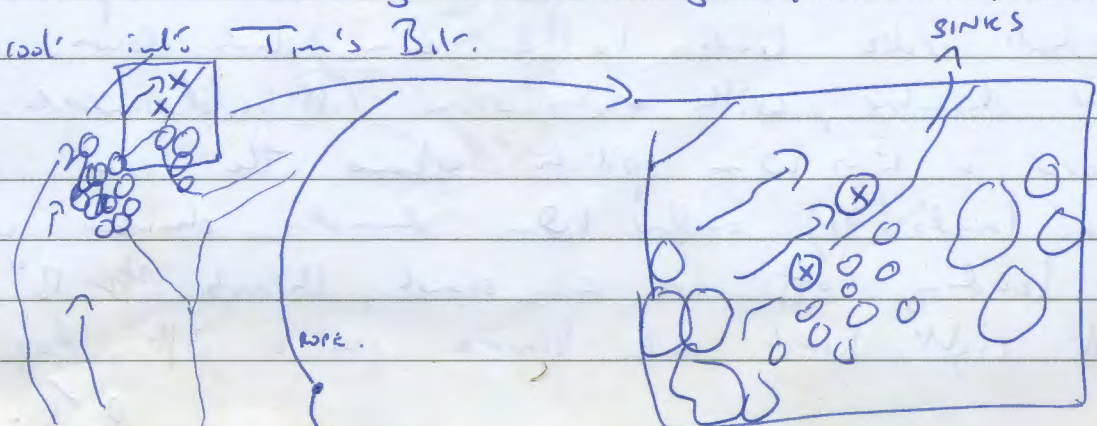


Met John + Chris in London Underground who seemed very happy with life. Met Flew + Harvey at camp who were also pleased with the state of the world.

Day 2 Monday (J.C. Bottom's the cave)

The plan was to hold ourselves at Egbert in the hope that it would give up before we did. Despite Dave's "soft northern woad" and Neil's and Rob's + Lew's appraisal it seemed worth a look. To guard against hypothermia we took brew-kit + survival bags and managed 5 hours of concerted effort before calling it a day. Made 2 → 3m of progress and were beyond the wet puddles, but the roof was getting low with only pebbles supporting hanging debris. Retreated to get longer crow bar.

Placed 2 more dye-detectors near the sink into Egbert. They are in the streamway immediately after the first arch after the roof into Tim's Blr.



013

Met Pete (Barely recovered from his chill & fibre attack) & How at camp who were up for it.

Day 3 ^{TUES} ~~Monday~~ MOUNT THE CROWBAR.

Legend had it that the long crow bar was in New Colony, so we set off downstream to check it out. No sign of it in any of the chigs, so while How & Pete followed us in the derig New Colony (Colony Bypass) we checked out the Flood Overflow just in case. Massive draft, really promising but no crow bar. Maybe it had made its way up to Bright Lights, the "promising" chigs side of Postman Pat. Back we went. I set off to camp for bolting kit + surveying instr. while Gavin set about the chigs, with co-ordinated whistle blowing just in case we were above the main-stream. No audible connection so some hope of new passage.

At the top, not only was there a crow bar but also 2 kudu bags of rope, bolting kit, 6 pits, a cuddly bag and the string section of an orchestra. It was getting late so rather than head back for the Chicks highest we cut our losses and dropped the pitch. This dropped via 3 rebays + numerous divisions to an inlet with water falling into a pool (The sound that sounds like the Main Streamway). At the bottom of "Mount the Crow Bar" there was a pretty 8m diameter chamber. The stream was in about 10m up the pitch and from a narrow rift with a fairly easy traverse level about 5m above this which Gavin overwalked up for about 20m. From the base of a pitch a chute out a shale creek leads to a 2m chute down into a 5m diameter chamber, with an narrow rift downwards. This pops out over a 15-20m pitch where the rope ran out. The Thine lands ^{on} the other 10m diameter chamber with the stream leading off in a clawl, through the 12" deep under a left right hand and traverse over a 3ft deep pool.

P.T.O.

6 August 1998.

Tia, Jo, Len.

Valley of the Dry Bones. A

Another piece of water in Spain --

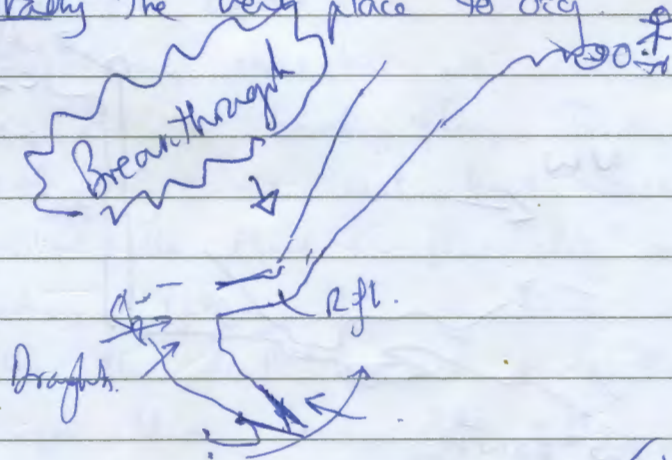
For those who don't know, the valley is full of cold draughting holes, presumably all connected below ~~is~~. The three best options are.

(1) obvious steep sloping dig of pore, to ~~5-10~~ 5-10 m from cliff.

(2) under cliff, ~~is~~ smaller of 2 holes with roaring noise of draught from rift could be dug.

(3) Far end of valley, last of the draughting holes. Start climb down, then steep head down slope into boulder dig.

(1) Tia, Len + Jo dig straight down and 2m later draught opened up to reveal small rift into chamber 3 draughts: one small ahead in rift (could be good to dig here 'cos its ~~at~~ the rift), one ahead and slightly left. Big draught coming from benders. Yuck. Other draught wafts up slope. Sere goes out through fox crawl, and runs to left to what might be another rift. This ~~is~~ Sere went to another hole on the surface. This "rift" is also just visible down slope on the left. This is probably the best place to dig.



UWS

95

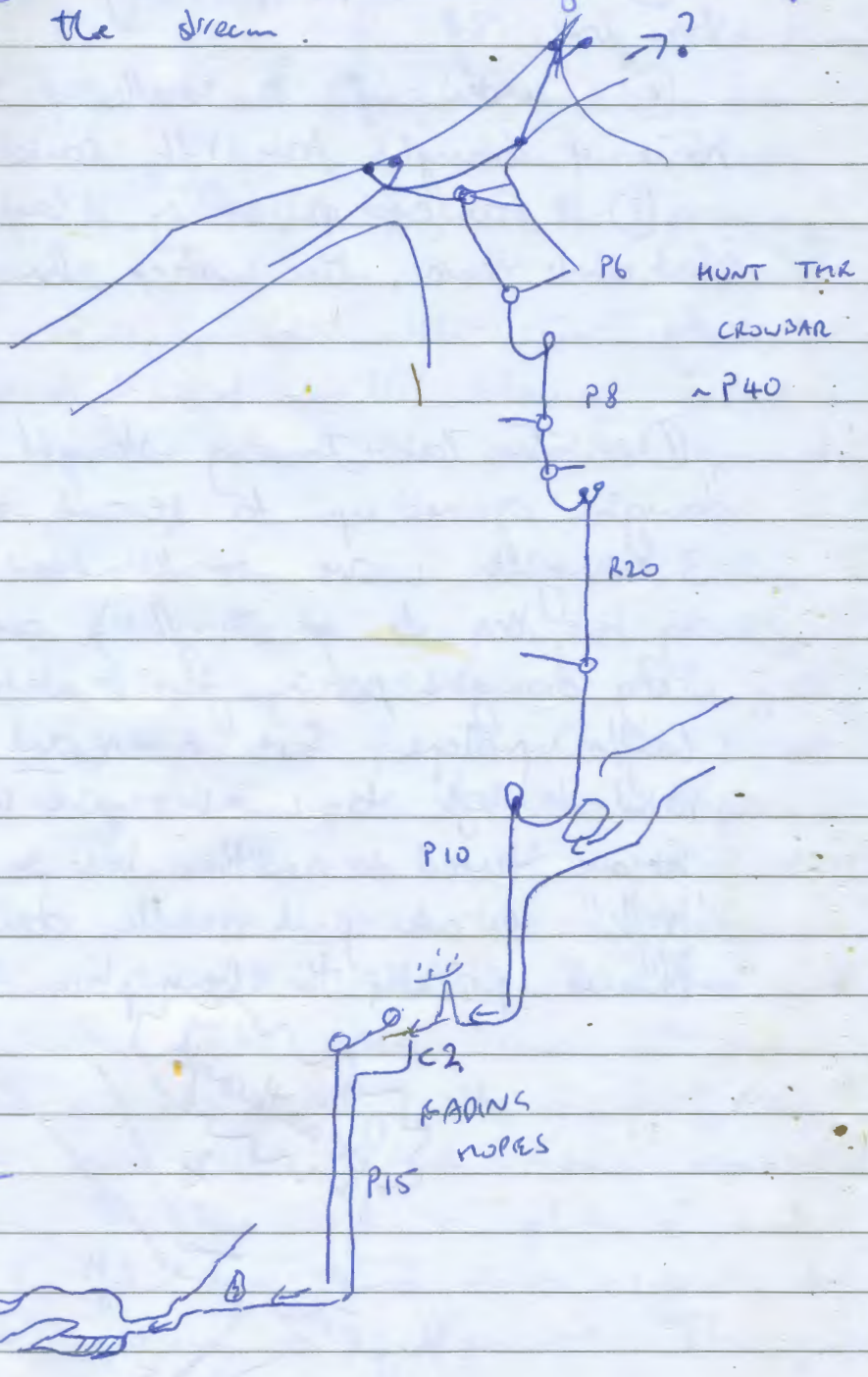
The passage then opens out to walking / traversing for 15 → 20m before a short ascent to the lead of the next (Unclimbed) pitch of 15 → 20m. We'd run out of rope + time, so failed to survey + derigged. The stream, however, is almost certainly an inlet which will meet the main stream at Druseille or Branda Point. Rough compass bearings showed it passed directly underneath the ascending mud-slope process back NW towards the stream.

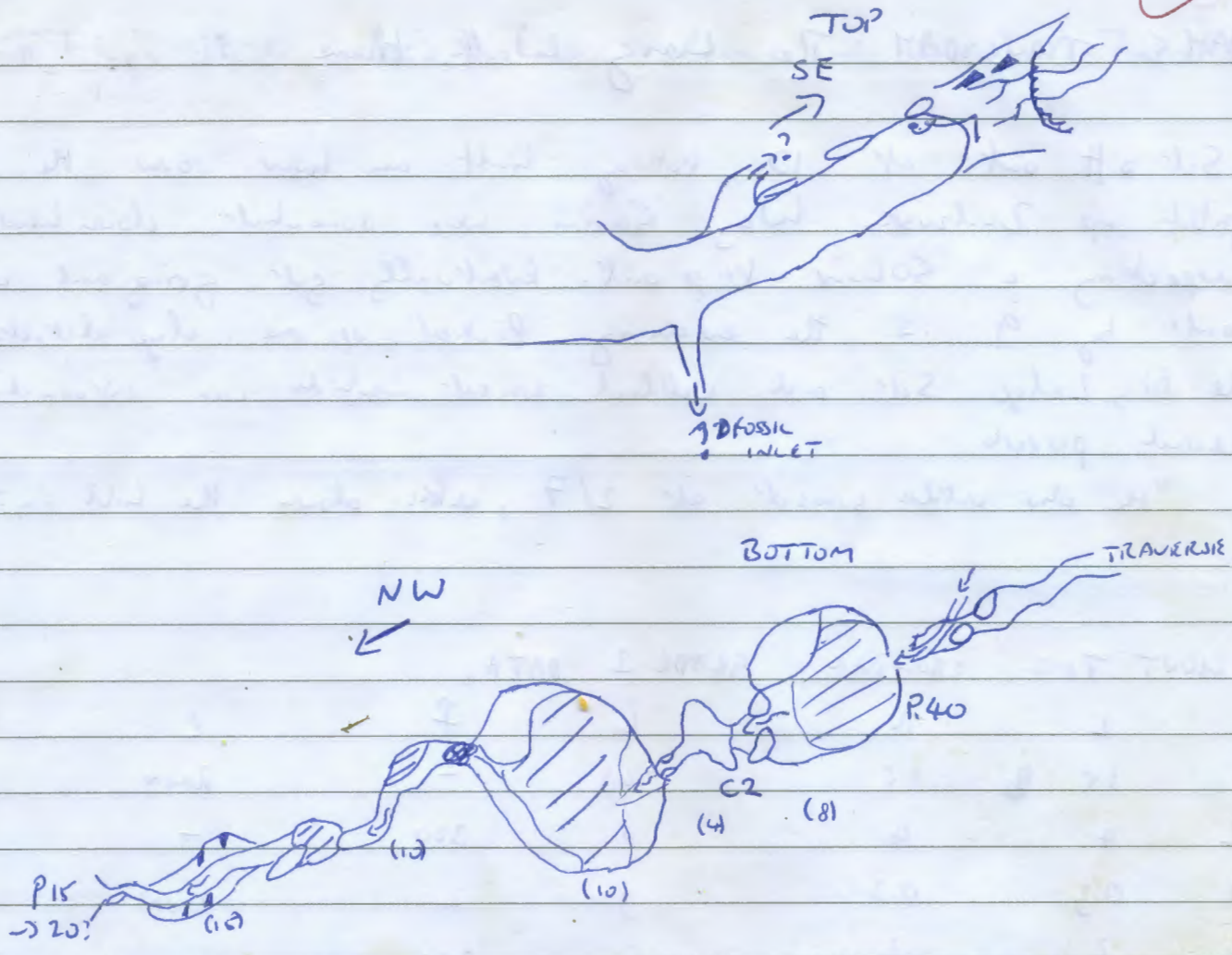
BRIGHT LIGHTS CLIMBS

~~222~~

NW ←

P20? FAWT HEARTS





Back at camp Now + Pete had gone up to The Sloppy dig at the end of Tim's Ditch and was well been surprised not to find us there. They'd collapsed the roof of the dig, got intimidated and given it up for dead.

WORKS

Day 4 Tuesday: The Big Lead.

Armed with the long crow-bar, we set off for the dig in Tim's Ditch for a final fling. Did not look good. Little draft, hard digging, no roof, bad news. Pete + Now meanwhile had revisited the Flood Overflow dig and improved access to the end considerably. Taking it in turns we made about 1cm of progress with the draft intense and the sound of the dream getting stranger. Nice lead, Pete + Now will be putting another 2 days work into it and any other help would be a seriously good idea. Took the chariggered Colostony eyes back to camp whilst Gavin + Now chariggered BAKTI LINTI.

DAY 5 THURSDAY: The Long Walk Home

Set off out at 10, taking half an hour over the first pitch up Zadruska Way. Gavin was somewhat down hearted expecting a 50 hour trip out. Eventually got going and was out by 9 in the evening. Picked up one clay shales from the Big Ledge. Set and watched sunset which was astounding but heard proverb

"He who watches sunset at 2/7, walks down the hill in the dark"

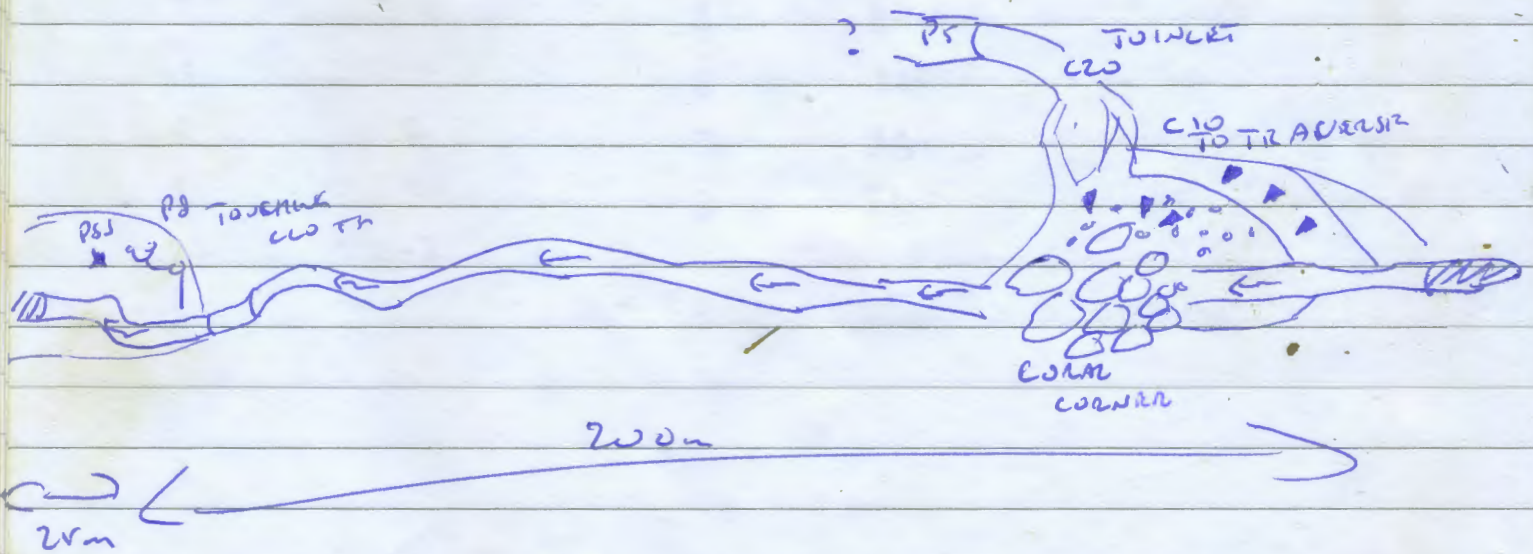
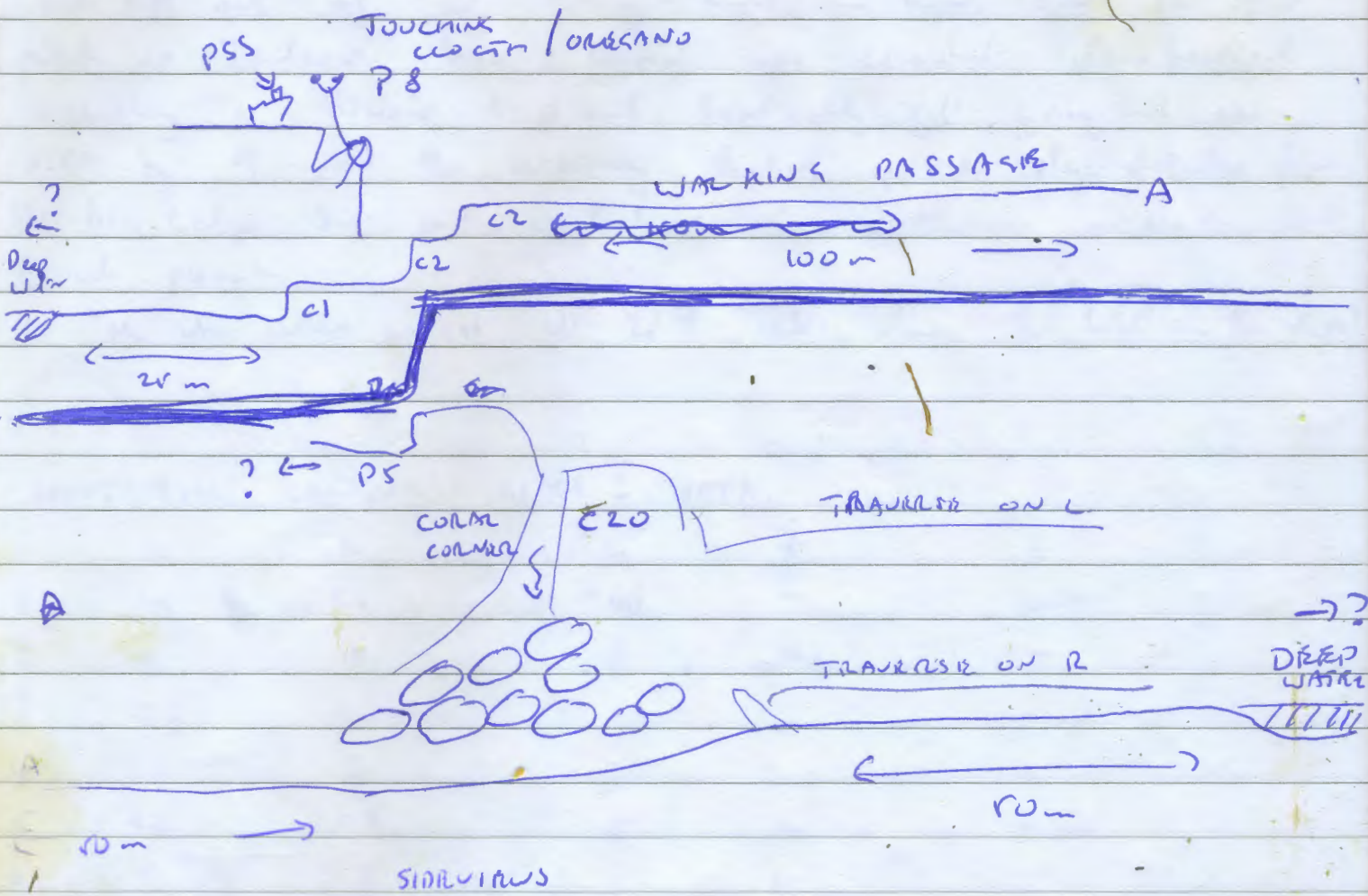
LUNT TIME	CROWBAR		GRADE 1 DATA		
	L	R	L	F	L
1	1.5	1.5	~40	-	DOWN
2	4	4	8	320	-
3	0.3	0.3	3	-	DOWN
4	2	2	5	310	-
5	0.2	0.2	15	-	DOWN
6	5	5	10	330	-
7	.5	.5	4	325	-
8	2	0	4	270	-
9	.5	.5	6	325	-10
10	0	2	7	335	-10
11	2	0	3	340	-45
12	.2	.2			
13	?	?	~15	-	DOWN

Things that Lew. has done in the past 7 weeks.

[Faint, illegible handwriting throughout the page, likely bleed-through from the reverse side. Some faint words like "Lew.", "past", and "weeks" are visible.]

99

P Ass 42 → Sketch of Upstream Push by JC/TON 2/7/97



8/8/98

GONE: I really am going now. Think I'm supposed to -
write some invariable cheery message - but I'm not.
Except: Please may I have the purple, oval, alloy Peden knob
back from off the yellow tackle rack at the top of Humbling
dūe in BSP?

So long & best wishes to everyone,

Harvey

9-8-98 Rob & Lev (also the rebeloh & the frog)

It's very hot today... very very hot.

Anyway, we went off down the valley entrance - it's not
nearly as bad as people make out ^① On the way we looked
at some entrances. Some are worth revisiting! 55/5 is an impressive
rift passage ending at a possible climb. Alternatively, a climb to the right
gives an alternative entrance which may be ascended (needs a rope)
into a promising higher level. Near 54/5 we found ^② 72/5 "cave
del shit and calcite" which is a 1m diameter phreatic that ends at
an easy calcite dig but continues beyond. (30m E of 54/5. Hard to spot,
easiest to see from inside cave!)

We used 53/5 as a base 'cause it is nice and cool and
should ~~be~~ be revisited ^③ Strong draft - the way in is likely to be
upwards until more active parts of the cave are reached. After some
occasional climbing we found nothing of interest but we ran out of water
before obtaining all our objectives. Walking back we found 43/5 44/5 40/5
and discovered that if you make a good flake thing you can get
a brilliant edge across the gorge.

Oh, and I was nearly killed by a large frog (not Lev but a
different one...)

I need some water now... "I'm a rebel" (although in this heat I can't
even spell the word.

Stroke that heat...

① The Valle Extramont starts getting

much steeper just after 53/5

② That makes 3 caves numbered

72/5

Rob ③ A lot of effort has gone into 53/5
without success, and it's dropping
into Xitu anyway

Continued from where Fleur and Harvey had left off. Ripped Tumbling Dice, getting a very nice 60m free hang on the second part. New rigging guide: chalkstone and thread for traverse; Y-hang off 2 bolts; two natural deviations at about -3m and -6m, to get down to ledge; two spike belays for scramble down ledge, then bolt for main hang; natural deviations at about -1m and -3m; spike belay for chamber down rocks at bottom.

Continued down to the rist that stopped us in 1989. It's very different from how I remember, but two hours' hammering saw me through the first squeeze. It's still quite tight, but seemed to get easier every time I did it. It's best done about 1.5m above the stream, going slightly upwards.

The squeeze leads into a small chamber, from where some more slightly awkward rist continues - best done first; at the obvious false floor level, crawling backwards.

Beyond, things get easier: easy rist passage, descending a few short junks. Part way along is a small boulder chise, which can be passed quite low down. I turned back after 240m, as I thought it would be selfish to push too much on my own, and I wanted to leave it doing. The limit of exploration is the top of a 4m junk, which probably needs a handline.

From what I can make out, the passage heads east, following back underneath the chamber at the bottom of Tumbling Dice, and probably ending up roughly directly below the pitch.

I derigged out. Some difficulties in the first GSP rist, as the tackle bags wouldn't fit through a squeeze, so I had to carry them along the top of the rist,

and then lowering them down where it was wider, BTW, rigging a pitch up here avoids the worst of the risk. Dumped one tacklebag + 20m rope at the foot of Paradise. More problems in Paradise, as the remaining bag wouldn't fit through the first squeeze, so I ended up unpacking and dumping 120m of rope in the middle of Paradise, and continuing out with a half empty tacklebag.

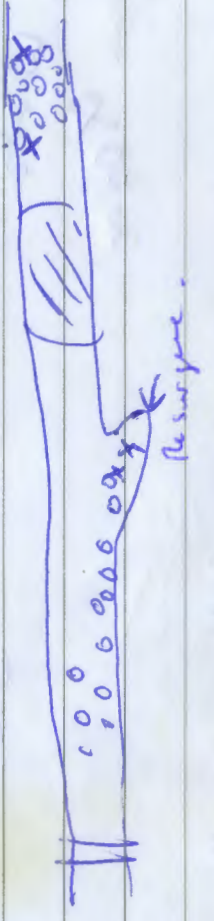
10/8/98 Picing Delectos in Coes Gorge J.C. Rob.

Ambled down the Tree path with Tim + Lou to have a look at Valley of Dry Bones. Nice climbing holes. Took photos of Lou shooting over a Fudge Bar for sponsorship.

Off down the Tree. Rob's legs playing up. Too hot + too many holes to look at. Checked out a few alternatives plus just to the right + below the path as it traverses across the first steep grassy slope. Admitted that I had Reg. Not much shade even A in the trees at the bottom. Up to Cat for a drink then back to Coliboro. Plus 2 upstream + 2 downstream bays.

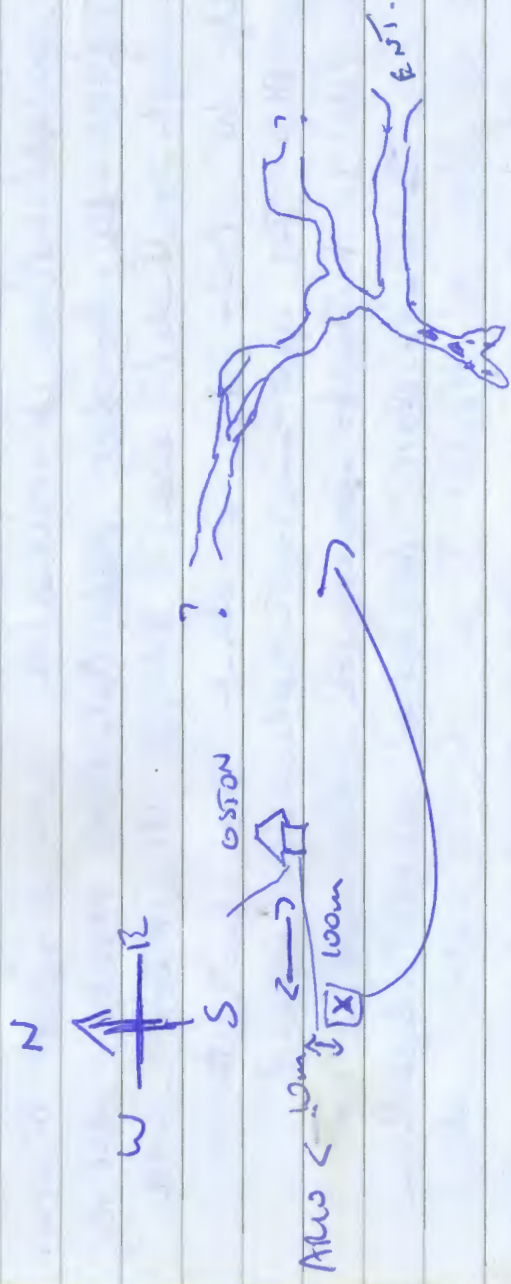
Downstream: 1 tried to wire close to merge. 1 in rocks just before where legends are.

Upstream: 1 in left hand side at start of cascade after the end of the left swim. 1 at end of cascade.



(103)

Came back up the hill via the Oston / Colinton path.
Shade as far as Oston, then bear even at 6:30
Took the path W out of Oston and found a
drinking hole just as we mistook the path. This
started as a sharp body-sized hole into a hole
+ knees crawl in a 45° slanting passage. After 8m
it opens into a rift with lots of led descending.
Down rift a 3m climb ~~and~~ drops into a junction. Right
leads into a flat out crawl after 4m, left where
most of the stuff comes from carries on for 20-30m
before heads at knees crawling between old stacks. Both
ends still open, one with a good drift. But
Went out of our cave so maybe give it
the S16.



Went out of water before we reached the Arion and
nearly died of lead exhaustion.

→ 10/13 at Cave of Oston
The Windy
J.C.

NB. S16 have no problem about us looking at the above
cave.

Expedition Proverbs

"On hot clay, see-saw getting lighter means water
winning out"

Experimental Recipes for three:

"In A Flop": Instructions -

take the remaining ^{contents} of a margarine tub.
melt in a large ~~pan~~ ^{frying} pan.

Add a random quantity of sugar.

Heat until all melted and bubbling nicely.

Get someone else to sprinkle in Marmalade TM.

Keep adding more marmalade until ~~the pan is overflowing~~ ^{you have too many} ~~all~~
panic collectively.

1 person then adds more margarine; 1 person adds more marmalade and
the 3rd person stirs.

Put it down and heat until underside starts to burn.
Turn it over *

Heat the underside.

Allow to cool, then devour ravenously.

(Best served with a sprig of garlic and coloured with fluorescent)

* This step is quite tricky...

Forthcoming recipes: "Porridge by committee"

"Slow omelette"

"Menthol - flavoured sticky spider"

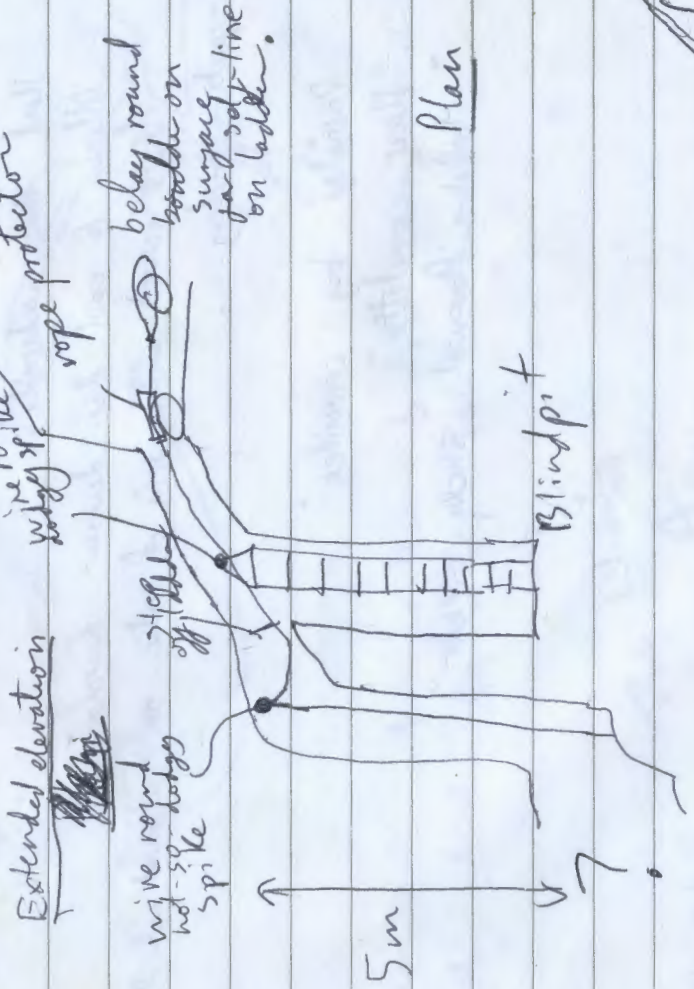
105

Lew & Huv's activities of Tuesday 8/11/8/98

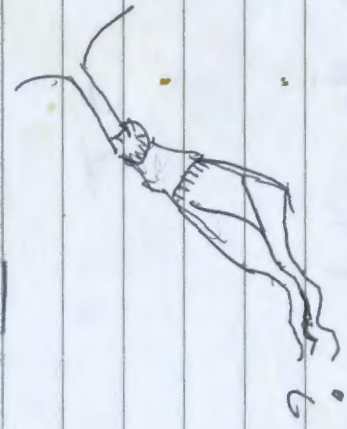
1. I soloed 27/9 & placed the juorescins in the pool at the bottom of the 6th (last) pitch. Very little flow there but hopefully impending storms will sort that out. Huv sat on the surge & waited for me (bad shoulder) lovely pun little trip with nice pretties. My hands are now a nice shade of green.

2. Dropped Keith's "1 1/2 second drop" in 10/9 to just ~6m pitch. Appears to be confluence of 2 inlets. Leads off in NW wood ~3m-4m high rift w/ water at bottom. Various possible traverse levels exist & the one I tried didn't work. I chickened out because it was scary & I was on my own and I could hear thunder on the surge. I'm pretty sure there's a way on there. LEFT RIGGED. Would snag from a couple of bolts.

Grade 1:



Plan



huv

(166)

Hunt + Peters Camping Trip 3rd - 8th August

Day 1. Walked up hill - went down cave, 5' down to Primula Pits.

Day 2. Designed the new Chestnut Club - Pissie Step?
Dig Times Pit - No draft, no roof

Day 3. Still no draft in Times Pit. Dig Flood Overflow. Looked good - strong draft. Pete carried on digging with J.C. Hunt + Cavin designed Bridge Light Stand.

Day 4. Should have headed out but Flood Overflow dig looking very good so decided to stay for an extra two days. Dig until we couldn't force the cold air longer. Hard work. Dig started to head up end of the bedding back into the choke.

Day 5. Carried all designed rope out Primula back to Big Ledge in four ridiculously heavy bags - took 7 hours.

Day 6. Came out of cave - 8' down. Carried two pits back to Big Ledge. Walked down hill.

Dunn

(107)

Photo Trips 7-11/8/98

Friday
Sunday Tuesday

Paul, Jo, Beate, Chris/Wotanoid

Friday - Early start incorporated into Mid Day sun shoot.
Down to Prints Point in ~ 8 hours but not until night.

Saturday - Down to Egbert, photographing on way back at
Print up some company to go to Prints Point,
then up to Big ledge - very tired. Bed 3:30 pm?

Sunday - London Underground, photographing Jubilee Avenue,
working to Euston doing big shots. Left
Chris to go off to Prints Point. Walked
back to Heathrow, taking smaller photos.

Nobby catches us up at Bond Or Ave, then
tells us also waiting for us to go to Jubilee Avenue. Bed 2pm.

Monday - Upstream - up to limit, then plan to
Photograph on way back. Plans unravelled
when Jo picks the main camera into the stream
both way through the first shot. Mostly tourist
back, stopping to take a few more photos
on shot film remains. Look back, very tired!
Bed 1pm.

Tuesday - Out! Upon! Pack 50 backbags and plan to
Pollar across river to far end of Gussow Gorge.
Ready to leave by noon, about to slip into river
when with a gentle bump Gussow Gorge emerges us.
Misunderstanding / poor planning means we have a hard
time holding the heaviest sacks up Jubilee Avenue. Several
things go wrong according to plan, with Nobby taking
the extra backbag on the way to Paradise. These
things go a bit pear shaped, as Jo suffers with bad back

pair. Loose about an hour (A dump 2 toddlers) here, so we don't make it out until the last of daylight; instead we walk down with the assistance of a stern on our heels.

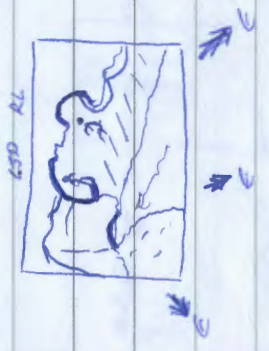
Photos taken:

1) Expert, center view Tim's Bit goes OH

Camera Pmm

Models CTD RL

Flashes JW



2) As above, with Thornton's

3) Steerway wheel turns right into stream

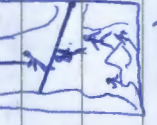
C - Pmm M - CTD F - JW, RL



4) Crossing stream (devotion, cathodic, egg)

C-Pmm

M-CTD, JW, RL



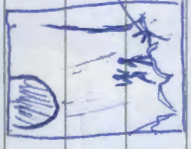
5) Traverse over pool C-Pmm, M-RL F-JW/CTD

6) ~~Traverse~~ Soup Dragon / Bod C-Pmm

M-CTD, RL, F-JW/RL

7) Bright Lights C-Pmm

M-CTD, RL F-JW



8) C-line / Bridges below Postbox, Rd C-Pmm, M-JW F-CTD, RL



9) Traverse over streamway

C-Pmm, M-JW

F-CTD, RL



(104)

9) Pando Point Camp C-PMM F-NM RL

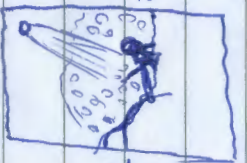
M-CDD, JW, Flow lowering



10) Zoro's to Log Square C-PMM M-JW

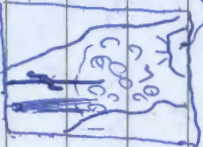


11) Just Awesome Robot



C-PMM M-JW F-CDD/RL

12) Just Above Abseil c-pmm M RL, F CDD, JW



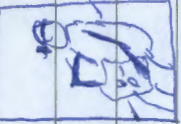
13) Heather



C-PMM M-CDD

F-RL, CDD, JW

14) Sorting tubs (Underground Photographer Bag) C-PMM M-CDD

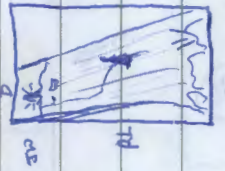


15) Lower Underground (Second Barky Rig) C-PMM M-JW



F-CDD, JW, RL

16) Euster Cloke

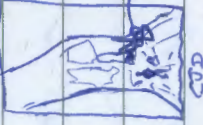


C-PMM

M-RL, JW

F-CDD, JW

17) Poodlyth c-pmm M-CDD F-JW, CDD, RL

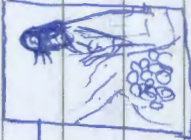


18) Fossil Cave Rearts C-PMM F-JW (C)



19) Riples in pool C-PMM F-JW (C)

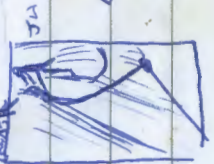
20) Cave Rearts C-PMM F-JW, M-RL



21) Mud Formations - Dead of Alice

C-PMM F-PMM

22) Dead of Alice

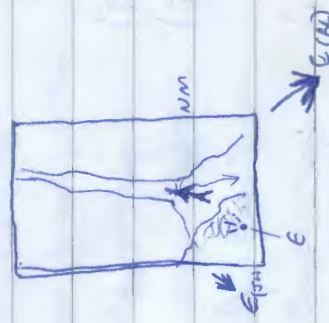


C-PMM M-JW, F-RL

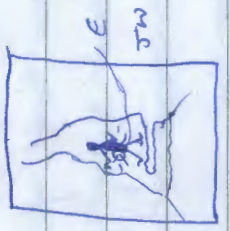
letting soulard being told to pose in the cascade!

(110)

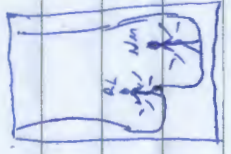
23) Upper Limit C-Pmm M-NM F-JW, RL



24) Dead End C-Pmm M-JW F-RL, MM



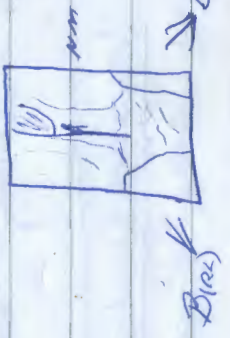
25) Fossil Passage



C-Pmm M-NM, RL

F-NM, RL, JW

26) Exit Beach C-Pmm, M-NM, F-JW, RL



Fish	Speed	Subst	Constr	Noble	Prize/Bolt
A	200	400	N	Egypt - P.P.	②
B	200	400	N	P.P. / J.A. / Kent / Unge	②
C	200	200	N	Local Underground / Assault Bolt	①
D	200	200	N	Only 2 sub.	①
E	200	400	F	But Bracketing / Upstream	③
F	200	400	F	But Bracketing / Upstream	③

LA GROTTTE DES DEMOISELLES



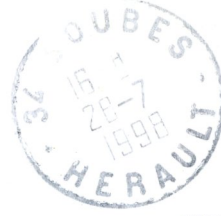
LA GROTTTE DES DEMOISELLES



LA GROTTTE DES DEMOISELLES (Hérault)

Mi 14, Hope you are
having a top time with
plenty of depth. Also
hope about 150 in parking
buried up in Tony's car.
I'm still hang - dill
time in France but will
be back to mt. under
people about soon S.C xxxx

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Tel. : 67 27 65 89 - Reproduction Interditte



HERAULT
1998
TOUBES

Oxford Uni Cave Club

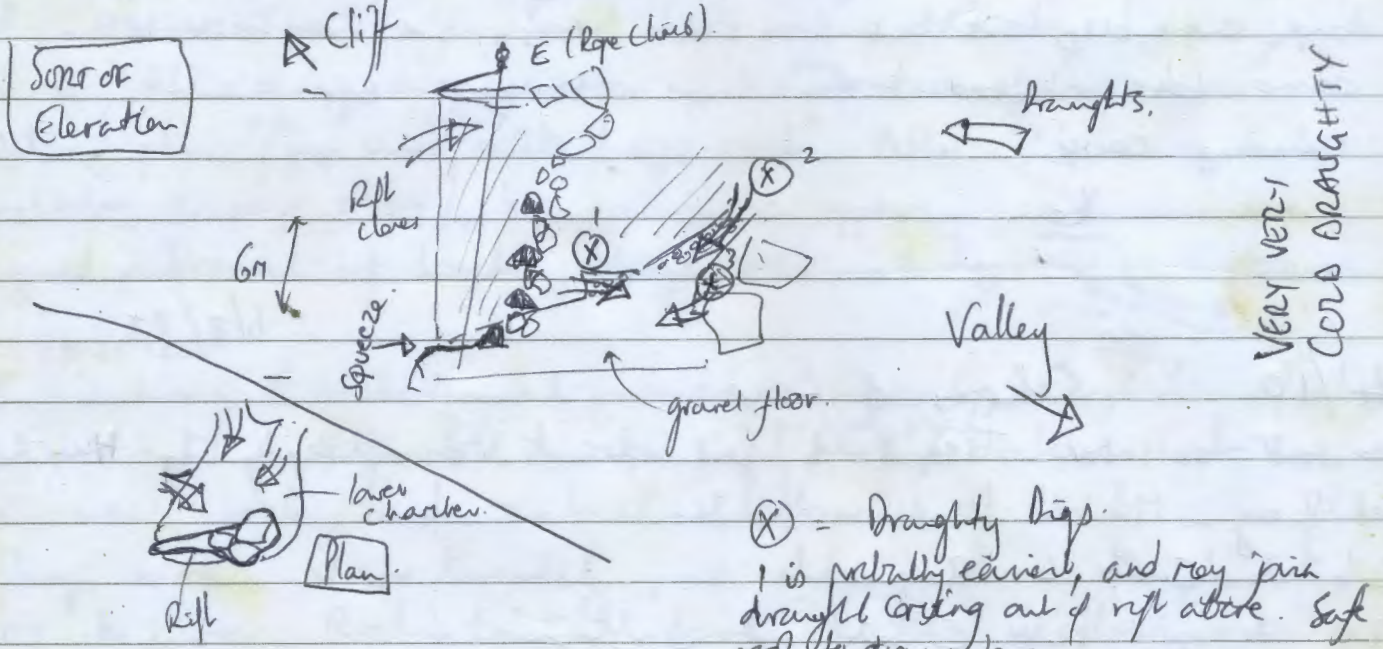
Liste de Correos

Congrés de Oais

HAJUNAS

ESPAÑA

to dig. At the end on the left there looked to be a small black space (very drafty) that could be dug fairly quickly. Unfortunately these very promising digs were not pushed further as some of the chaise above fell down spontaneously. But now it has stabilised the chaise really is not that bad as long as care is taken and the digging is beneath a solid roof with plenty of stacking space in the chamber. You need a handline to get down the rift.



(X) - Drafty digs.
1 is probably earlier, and may have drafty ceiling out of rift above. Soft roof to dig under.

2/7 Tim + Lou

We passed Gavin + bags and take the photo team as we went down. I thought the shaft series was a lovely piece of cave - a bit like ~~canal~~ canals but three times as long. The cave definitely felt different at the crash pad though. As it opened out it didn't feel like any caving I had ever done before. There is, just so much space. I felt quite intimidated observing through it to the big ledge and I hadn't got used to the sound of the water either. It is probably the most spectacular thing I have ever seen and for about half an hour I felt as if we were in another world. A cup of tea and some food was fine enough to get used to - it and as there was no surveying kit to go upstream we decided to go to pinula point to get gear instead. I really enjoyed observing down just awesome and I loved the broken underground. I was very glad we decided to go to pinula point.

It was fun to see Flew + Chris - I think they were quite surprised to see us. We helped pack the camp for a bit + headed back with gear to the big ledge. We set back about one or two in the morning to find Te asleep.

Flew + Chris arrived at camp at 6 am having descended most of ~~the~~ Zasadzka way.

Tom + I left the following day bringing out some gear and eventually got out to find fog. We got back to camp late + tired but it was a brilliant trip and a skinning cave.

Lev.

6/8/98

14/10 Chris & Lev

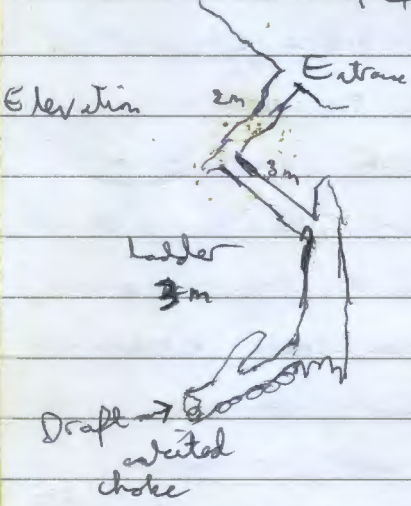
New entrance above Tree Path, just before it drops steeply to Huerta del Rey. Marked with sardine tins.

126° to Cuelo La Repexada

170° to spur betw. Cuelo and Jaltayui

52° to rightmost peak of Cabeza Llambrera.

Alt. circa 1470m.



Walk down Tree Path until it starts to head down towards Huerta del Rey and where continuing straight ahead would take you along the Cuelo La Repexada. Here, head up grassy bank towards a local peak. Entrance just beneath this, under small sloping overhang. Body sized rift drops down to body sized tube, which head down at 45° for 3m where it opens out at top of rift. Walls loose, best to rig

3m pitch as lidder from flake. Boulder slope down to choked drafting choked rift. Diggable.

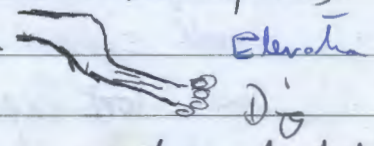
Chris

Edited highlights of Chris' week, 2/7 7th - 13th Aug

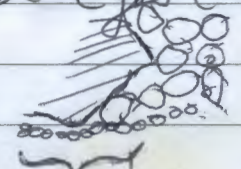
Days 1-3 with PH, JW, RL. Days 4-7 Flew. Day 6 with JC

Spent the first 3 days popping off big flashbulbs for Paul's photography trip, then left to spend a couple of days digging close the Eglert with Flew, swapping places with Nobby when I met in Zasadska way. Primate Point for dinner, Flew had just gone to bed.

Day 4: Flew & I set off early & enthusiastically set to on the Eglert flood overflow. Spent a couple of hours making the dig big enough to work in, then easy digging loose soil ~~from~~ the sloping down "bedding plane" / gap underneath large rock. After 7 1/2 hours work (including 2 soap stops), big rocks were appearing, and some spaces beyond. Dreamt of breaking through the next day.



Day 5: 2 hours of rock removal produced a space big enough to comfortably turn your head. Beyond ... was full of ^{head sized} ~~big~~ rocks. Had some soap, went back, and realised this was at least a couple of days work. Unfortunately, we only had a couple of hours to spare. Reluctantly realised that Eglert was not going this expedition. Cross section of dig:



Draft had increased a lot (poss. due to storm?) and streamway beyond was much louder.

Dig down here

Leaving Eglert at 4pm, decided to use spare time to de-rig. De-rigged for a Primate Point, then were astonished and delighted to meet Tim & Lou as they came down Zasadska way. Made them some tea, they loaded them up with gear to take to Big Ledge. Packed up Primate Point and departed 12-30, weighed down with emotion and a considerable quantity of gear. De-rigged Zasadska way, by the time we reached traverse level we had the equivalent of 9 tackleboxes of gear, one of which I could not lift with one hand. It was 3-30, so we just took the pits and food to Big Ledge at 5-30/6am. Grateful for Tim & Lou helping to carry! By the way, stuffing pits into tackleboxes was a nightmare.

Day 6 PTO

10/9 6 27/9 Pushing Lov & Dave

27/9: Interesting trip in as Dave was using Paul's 'Rapide' rack
6 I'd stolen Mum's SRT kit. Had a look at the right at the
bottom 2 possibilities: 1) Crawl into right 1/2 way up - s-bend impass.
About 15 ft of ~~rock~~ ^{capping}/blasting to widening directed below.
2) Bottom of right: choked. Too much work.

10/9: I hammered & pushed a stupid squeeze into about 20m of
right sloping july steeply downhill. Shotty joined by Dave extra
he found an easier way in. Last few metres (through terrible
rock entry at almost passable squeeze. Needs a few hours hammering
or ~~10~~ caps. Right visibly widens ahead; rocks can be thrown
into deep pool ahead; extra suggests ~~very~~ large chamber/shaft;
perhaps some draft but nothing much. With returning to (especially
with bolting hammering side of squeeze).

Her

Chris "Whats that burning smell?"

Dave "Don't worry, its just my leg hairs"

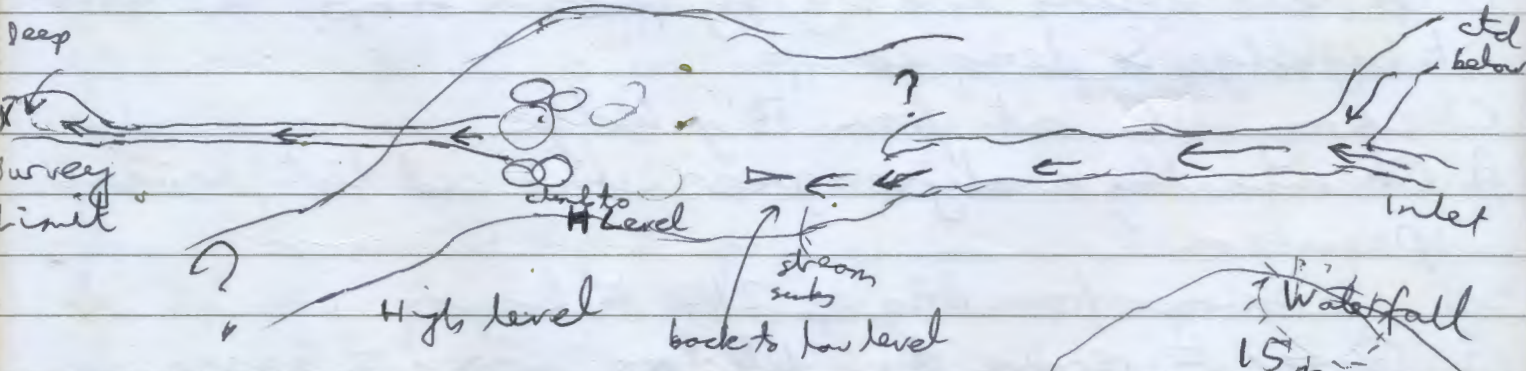
CDD & JC

Day 6 J.C. had come on a solo trip, and when Tim & Lou
headed out, he was short of an Upstream partner. Flew selflessly
chose to spend the day in bed, so that was decided. J.C. & I
surveyed the passage he & Tony had walked into weeks before.
~~Upstream~~ Upstream 2/7 is THE MOST BEAUTIFUL stream passage
I have ever seen. The new esterase's sculpts it's way through
muddled rock to reach a pool, the limit of exploration. J.C. coded
in, I followed, only waist deep, and into a narrow canyon.
200 metres with occasional traversing ended in a large

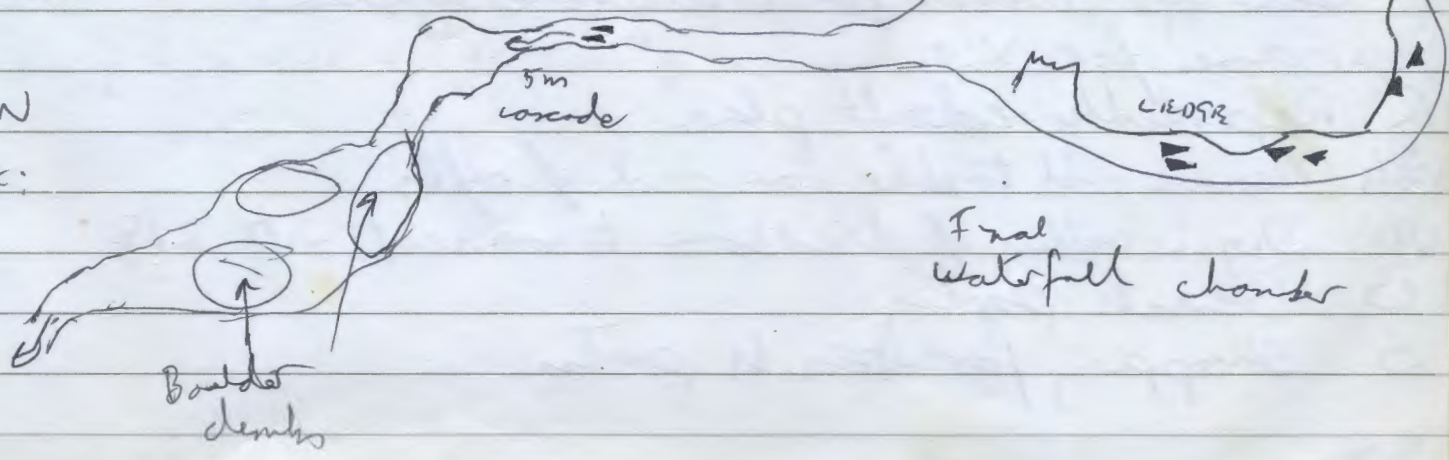
boulder choke, I climbed up left, no good, J C climbed up right, and called me up. We were in a ~22 metre wide passage, big black spaces overhead. Whoopee! we walked down to regain the stream, with traversing around and climbing over large boulders which blocked the stream over the next 100-200m. Entered a chamber with a roar of water, round the corner was a lovely 5m cascade, easily climbable. (Before this, a significant inlet came in from the right, ending at the foot of a short pitch). More lovely streamway then a big chamber with a 15 metre high waterfall dropping straight in. Walked up to a viewing platform complete with balustrade directly opposite, and admired the splendid waterfall, with black space heading off above it. Estimated 2 days hard bolting would reach the top. Fantastic trip, surreal counterpart to 2 days digging to achieve a mere 2 body lengths the previous 2 days in Egbert. Estimated 500 metres passage:

g.d.o PLAN

WAY IN:



PLAN cont:



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Day 7

CD + Flew

Excited, carrying 4 fat juicy tacklebags, leaving 2 at end of rifts. Left JC on his own to bring gear from Zasadika way. Met Dave, Nobby & Lev on their way in to assist.

Chris

	Fri 14	Sat 15	Sun 16	Mon 17	Tues 18	Weds 19	Thurs 20
Paul	WALK	WALK	WALK	73C	73C	73C	73C
Jo	WALK	WALK	WALK	73C	73C	73C	73C
Huw	rest	Big ledge porter + S	2 carry + S	B	B	B	B
Nobby	rest	collect gear from Egbert	O	B	B	B	B
Flew	rest	car C	GSP	B	B	B	B
Chris	rest	collect gear from Egbert	GSP	B	B	B	B
Rob	Derig	A	G	B	B	B	B
Lev	rest	P	X	B	B	B	B
Pete	Derig	73C	73C	B	B	B	B
Becka	Derig	VDB	VDB	B	B	B	B
Dave	rest	Rifts	73C				
J.C.	DL	submit to being carried	R	B	B	B	B

O go down Oliseda. Find dry by-pass to sump. Get through to big ledge & derig camp.

C carry JC out from Big ledge.

A Chemically analyse green slime and distil universal paraceta.

3C 3 carries from Airo or 2/7 to Lagos.

G George to remove dye detectors + carry to base.

P Set up Primula Point telephone system.

X Same for Xitu.

R Repeatedly redraft plan.

Rifts Remove all tackle from end of rifts.

VDB Dig in valley of dried bone to connect with 2/7.

B Beach party.

S Shopping for beach party.

A belated Wik-up of shafting non-existent caves last Thursday (?)

Nobby & Flew intended to go to the Luicase - Lav ridge to find 21/9, an undescended 20m pitch near the western col on the ridge, wherever that is. There are 3 features which could be described as cols including the Boca del Joan; but more of that later.

Firstly though, we were distracted by 14/9, which Flew had been digging. Hauled along, ripped Flew's top, squashed my finger & went down a slot on the 1/4h wall to a crawl to an over & continuing vertical bedding, but no obvious draught.

Following the bearings in SBL was all very well, but we ended up, tho' near something which could plausibly have been the 'western col', in area C rather than 9. C21, an undescended 10m shaft close to C3, became a descended & bolted 10m shaft, after which we descended down a rift to the head of an exciting pitch nearby. Suddenly a bolt materialised on the 1/4h wall, & the cave tunnel into C10, whose cow tag had fallen off.

No luck. A quick dash over the Boca brought us to some large shafts which might, in the company of a ~~mediocre~~ mediocre orienteer, be stretched to fit our bearings. But no. In a shalehole lay - 70m of OUCC rope, the caves were tagged 25/9 a, b, c etc, but turned out to be 16/9 instead. Confused? - so were we. But in any case, 21/9 was nowhere to be seen, & the shaft we went down is still socked with snow. By this time we were too tired & hot to care, & headed back, only to be distracted by 2 squarish entrances in a doline straight down the dry waddy from these 16/9 shafts, about 150 yards away. The one on the true right is kind, that on the left has a pot skylight, which I climbed up & out of, down the hill & back to An, happy to be back in the Picos if unsuccessful in cave-hunting. NJM

Thumper! Thumper!! Thumper!!!

To Next Derigging Team.

Rope has been parcelled to Armageddon Ledge.

You will also find 3 tackle bags. One heavy, 1 medium, 1 light,

A.N.D. 1 Rescue dump (which you may need for foal).

1 Bag of Fat

1 1/2 full size cotainer or cubicle

Also 6 tacklebags, 1 ladder + 1 Diver down at top of Reservoir.

You should take in tackle bags for the jettie etc +

to redistribute the gear in the heavy bag.

J.C.

P.S. The knots are still in the rope off Armageddon.

■ Pete, Rob + Becka. (+ J.C. Too)

14/8/98

Up 7am, set off 8:30 or so, in cave before 10, 2 hrs 10 min down to Big Ledge for noon to meet J.C. packing up camp. Parked out on path then set off with out 5 tacklebags.

Rob + I started pulling immediately with rope from Big ledge, whilst Pete derigged. Met with large amount of rope above Gozamo Grotto which the photo trip had got to there. ^(also discovered an additional really heavy T-section of rigging gear which Pete got with) fairly slow going (lots of catching) at false floor pulled into shafts, got into a fairly efficient system, last person derigging + WD40ing, rest of us spread out pulling. Got to whole pile (huge! Worst deep in the stuff) up to Armageddon ledge - 5 pulls from 66 to Armageddon. 9 pm by then + felt we'd done our stint. Left the heaviest 3 rods at Armageddon

and went off with a sack each. Pete + I got out just before 1, I + Rob 3/4 an hour or so later tottered down. We had feeling of bust after 15 hours effort.

Hi!
Paul & Ken passing by,
stopped for some tea.
Have eaten 2 karrimabs &
a survival bag, + ladder
& much rope

Have a nice trip out -
(you might pass Richard
& Martin on the way) -
we're off to summit
now

~~PL~~
Sunday 8:00

Dave

BIG LEDGE
LOS BOOK

MOST BOATS ARE MODERN
NONE ARE ASKED.
ISA III BOATS WITH
BUT NOT ASKED
OLD 2-WAY ROPES LEFT AT
CAMP BEYOND ENTRANCE
TO 2-WAY

Big Ledge Logbook

Saturday

Dear Paul etc,

Tim - Lou not coming. Met
 Pete & Huw - they gave us 1 set of
 thermats to compensate for the rubbish
 S/bag - they're with the pits. see you
 tomorrow night (N). Nobby | Flew

Hi!

Paul & Leo passing by,
 stopped for some tea.
 Have taken 2 karrimabs &
 a survival bag, + ladder
 & much rope

Have a nice trip at -
 (you might pass Richard
 & Martin on the way) -
 we're off to primitive
 point now

PLL

Sunday, 8.00 pm

JC + Rob etc + M/I

Tuesday 1/7/85

Tim & Lou have gone to
 Primula to dig up
 some gear and the
 survey kit. Back
 about midnight

Tim + Lou etc + M/I

ONLY J & M
 it.
 at exp. of old Primula
 Fancy. coming
 Primula to dig up
 some gear and the
 survey kit. Back
 about midnight

JC GONE TO DERK
 2-WAY 13.00
 NEED HELP
 PLEASE JOIN ME
 BACK BY 22.00

Taken 2 bags
 of pits but no
 room for the
 3 bins.
 See you at
 Aris
Dave

Page B
 2-WAY DERIS
 MOST BOLTS REMOVED
 NONE GREASED.
 J A III BOLTS LEFT
 BUT NOT GREASED
 OLD 2-WAY ROPES LEFT AT
 CAIRN BEYOND ENTRANCE
 TO 2-WAY

Stuff at P. Point

- 4 plates
- at least 4 mugs
- cutlery
- 1x big billy
- 2x medium billy
- zip lock bags
- 100 roll
- 2x army mats
- big orange survival bag
- large pig of carbide
- empty pigs
- spits + wedges (a pot)
- small empty pot
- hammer (for carbide)
- crowbar

GEAR AT THE TWO CAMPS.

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Page B

LEFT AT BIG LEDGE

TIN OF MOUNFLAKES

SALT, TEA, ~~2 PAN MULDERS~~ ^{EATERS}

OIL, PLASTIC BAGS

5 BILLYS, 2 PAN, 3 PAN LIDS

1 PIC CARBIDE

4 KARRI MATS, 1 AROUNDSTRET

5 MUGS, 1 PLATE

- 8 SPOON, 2 FORKS

2 PAN MULDERS

BURBOLL

1 SURVIVY BOOK

4 Coleman Fuel

Cylinders (3rd all)

What JC did on his largely Solo 2/7 Trip.

Tuesday 10/8/98 - The Way In.

Rob went down with the skis by the entrance so the strong drift/carrying team was down to just the one. Plenty of people in the cave so hopefully no problems for us. Met Gavin knocking himself in Paradise and the Philbeam (Nobby, Becca, Jo, Paul) further in the rifts. Staffie on my own, and no sign of Lou + Tim at the Big Ledge camp. I completely misinterpreted their note for "Go down to Primula Point for Survey kit", I read "Go Upstream to Survey".

Off to bed early as it was 10pm to be only slightly disturbed by Tim + Lou at 1:30 am and Chris / Fleur at the beam being derigged Primula Point. Good work.

Wednesday 11/8/98 - Cherry picker's Two

Mary helped Chris / Fleur with the climb Tim / Lou really needed to get out despite my offer of an easy lead upstream. Chris / Fleur were more obliging, especially after I cooked a mega breakfast of pasta / ryeal mix followed by porridge. Fleur fancied a rest day to give her legs a rest, but Chris was up for it. Good call Chris.

Fairly easy going to the ¹⁹⁹² limit where we had the only low point of the trip. Knocked compass/clim so only Grade 3/4. Surveged in as far as Deep Under leaving PSS coins at Cord Corner plus gave a ledge just before the water.

It looked deep, at least chest deep maybe above head height. Chris plummeted it as just over a m so I went for it. Placed across no problem into easy going passage for 200m to a boulder choke. Not looking so good until a dark space loomed above and behind on the right. A big chamber. We ignored the

down stream and end pressed up stream, under 200m or so to a major inlet on the right with the sound of cascades up the main stream. 70m on we arrived at a 10-11m waterfall in a stone chunder. Looked pretty straight forward obstacles to belt/climb. Back to camp for tea à la Fleur.

Thursday - Solo Dering

Waved bye bye to Chris + Fleur and set off London U-ground to clear the last pitch in Zadrucka Way and haul the bags/ropes out. Quite a lot of gear. Much relieved to hear Nobby + Lew singing their way up the London Underground. Ended up with 5 bags + 1 ladder having ditched 2 old ropes at the cairn by the entrance to Z-way. Got all of them to the Big Ledge where-upon Nobby + Lew set off with most of the load on the JA III got derigged. Settled down for a night on my own.

Friday ~ 14/8/98 Dering Day

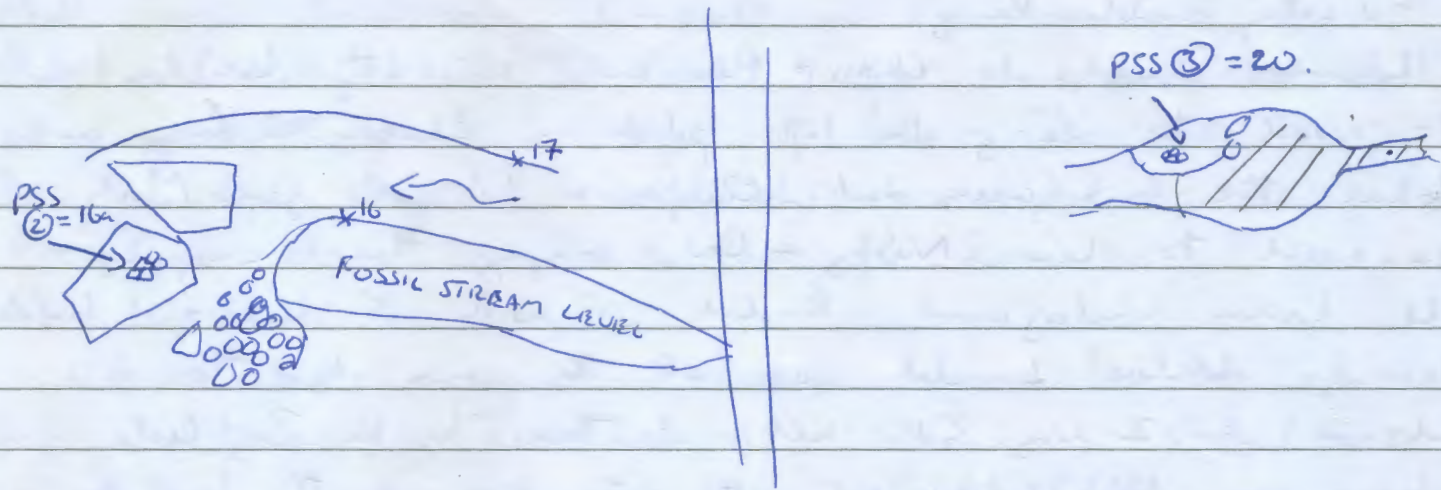
Up at 10:30 and strike packing camp. Horrible breakfast at Raven beds which ended up in the stream. Dering team joined us at 12 and we were all packed by 1.30. Rob + Becca took to the gear and started the Palla from Gasun's Gurd. Me + Peter derigged and hauled the rest of the gear to join the Palla 1P up to Cemetery Gurd. Palla 2 Cemetery Gurd → Rosy Crucifixion. Palla 3 through Peter Floor up to the drappy Ledge. Palla 4 up to the Ledge at the top of the Mandrel, then Palla 5 → Arange Gurd. Abandoned Palla + 3 bags and each carried a bag out.

Balls are gressed from JA II but not below.

225

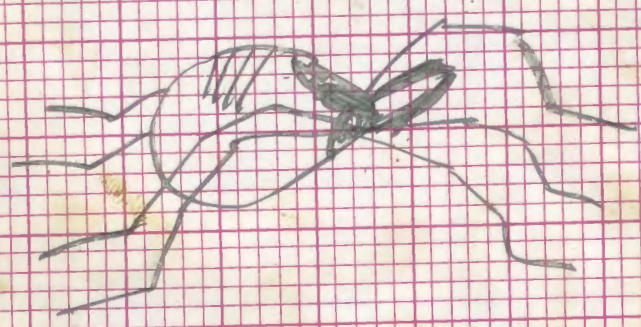
Cherry Pickers Permanent Survey Stations

- (1) 1992 Limb. Bolt in Rock base Tossing Cloth Pit.
- (2) Cairn on Boulder base Coral Corner Chamber drops back into Upstream.
- (3) Cairn on Left hand Ledge bet "Deep Water".



Cherry Pick

What is this? A beakie seen at Big LERKIE CAMP.



Cherry Pickers Data.

	u	p	v	d		f	c
↑ 1	4	3	720	2	6.01	100	+32
↓ 2	2	0	720	9	6.49	290	-70
↓ 3	4	3	720	4	7.00	012	-10
↓ 4	.5	1	720	3	10.06	300	+2
↓ 5	.7	.7	720	1	6.79	310	0
↑ 6	2	.3	10	1.5	11.11	065	0
↑ 7	2	0	10	1.5	10.14	055	0
↑ 8	1	.2	10	1.5	9.88	037	0
↑ 9	1.5	0	10	1.5	8.54	290	+3
↑ 10	2	2	10	0.5	5.05	005	-7
↑ 11	4	0	10	1	7.04	299	-18
↑ 12	0	1.5	715	1.5	12.42	036	-2
↑ 13	0	1.5	715	1.5	23.64	093	-10
↑ 14	2	1	?	4	8.01	069	+3
↑ 15	4	2	2	2	14.68	102	-2
↑ 16	3	0	7	1.5	7.22	095	+26
↑ 16a	$\frac{10}{4}$	9	720	6	6.73	143	-5
↑ 17	0	4	0	1.5	19.49	312	0
↑ 18	3	0	6	1.5	14.33	139	-4
↑ 19	1	2	715	2	15.94	150	-1
↑ 20	1	3	715	2	715	~330	0
↓ 20a	.5	.5	715	2			

} LOOK ABOVE.

} LOOK TO LEFT.

→ Bentley Curve
; Bentley Curve

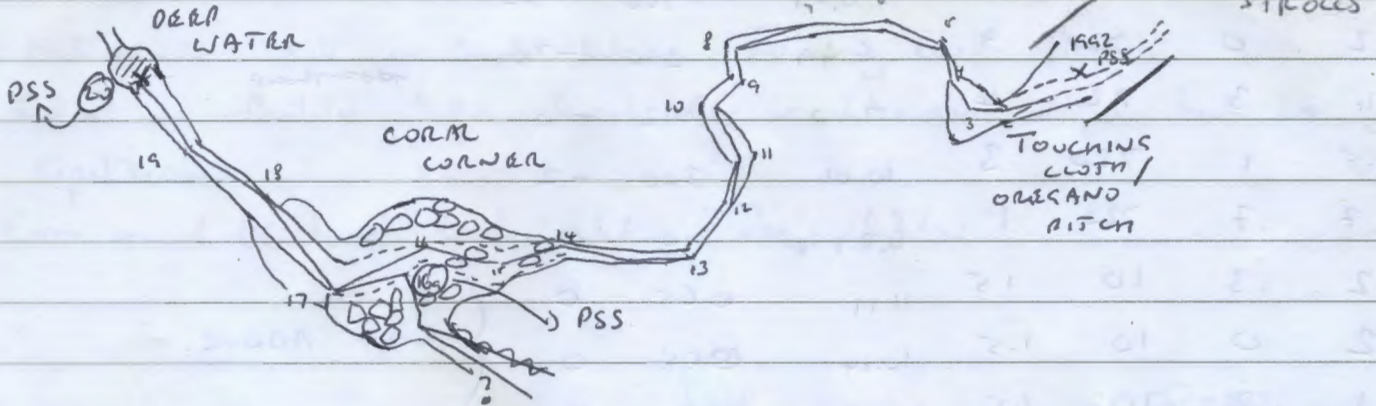
up.c0

P.T.O.

127

Upstream.

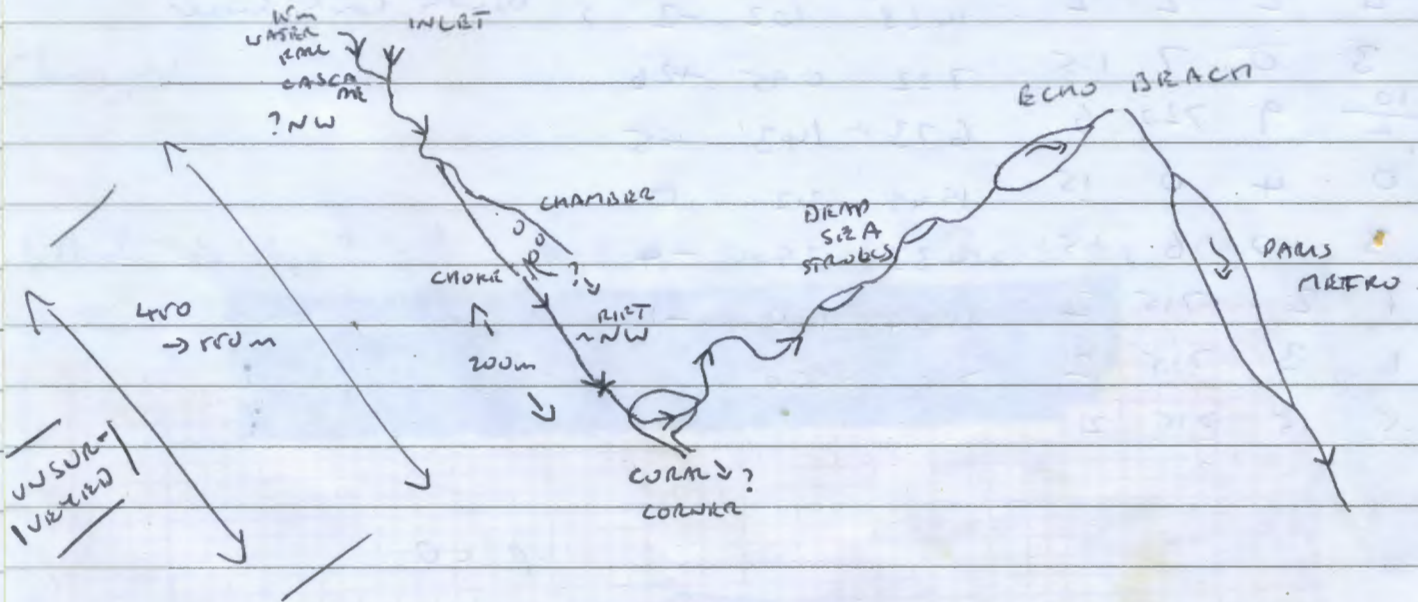
CHEAM-PICKAR'S STREAMWAY

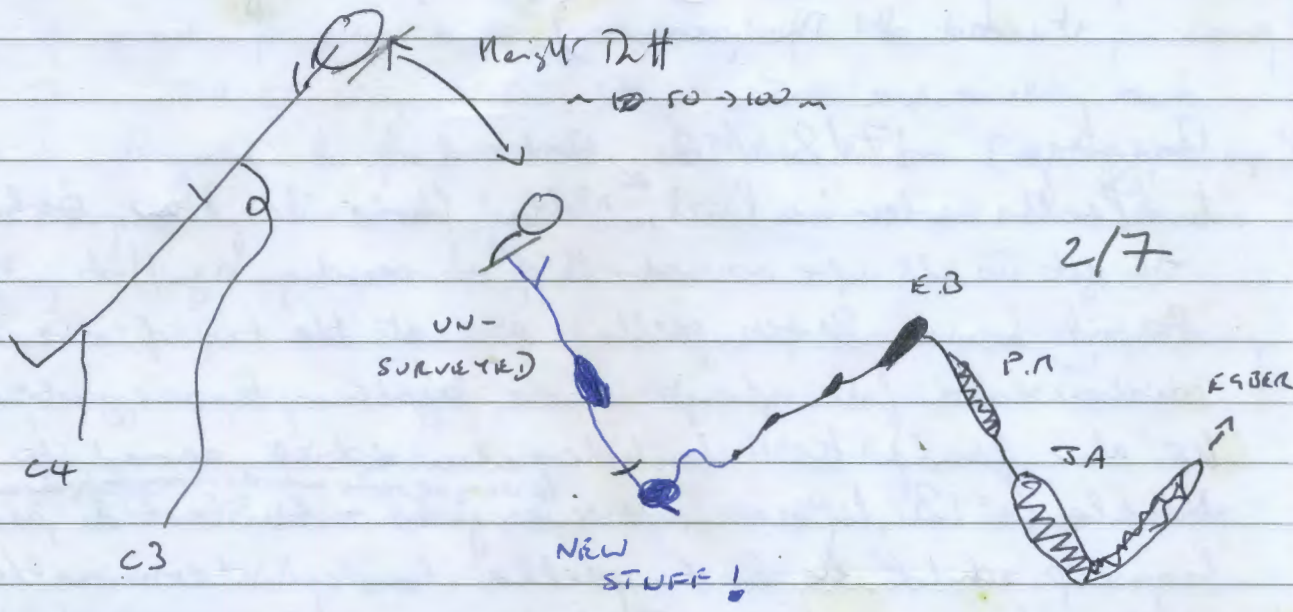


Pushed TONY + SC

SUNWAY (RAMC4) SC + CSI ~ 200m.

CHEAM-PICKAR'S + UNSURVEYED PASSAGE + 1992 STURP.



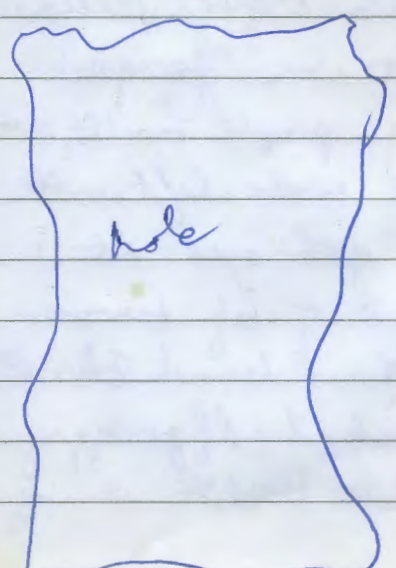


Chris "You can put your hand in"
 "It makes your hands go really sticky" Dawson.

14/10 Chris + Becks

Dug at end choked rift. Caliche rocks were not as crumbly as I'd hoped, but managed to dismantle rock pillar to reveal a hole this big:

But beyond is a space big enough for a cave, and a good draft. Only a caliche pillar + stuff need to be removed



Returning Cavers:

There is curry in The pot - but you'll have to have pasta as The rice is in The pudding, so to speak. Plus, Lew's Brandy flap-jack (if you can chisel it out of The pan...)

Denigging 17/8/98, Front end

In Paella order: Paul, Nobby, Chris, Jo, ~~How~~, Beula, Pete, JC, Rob

It got us all up + roused + 9 of us ready by 11ish. [Denigging]

Found how + Dave's paella pile at the top of the rift, which was a fine day's work by them two yesterday.

We also found the 11 backslashes which seemed to get up to about 13 by the time we got out, started passing bags up whilst the first paella took interminable amounts of time to get set up. Took an hour to pull it through to a bit above Graham's Todger. More buckle-bag hauling ^{at the back}

could paella II get re-acted, slightly more efficient this time.

Next paella II got to bottom of Lable Pot. Third one a bit more stick, only around half an hour to pull it through.

Third one got bottom of ~~Ward~~ Seventh Heaven. The rear-guard ^{from} (ie How when we could rope him in) then

got 10 backslashes to ferry through Paradise Rift, with me + JC getting the relatively easy top + bottom stations + Pete being

the prissy in the middle shuttling up + down the bastard bit with bags whilst Rob trailed behind with his WD40. Paella III

whilst we were doing this only had 5 people + was going v. slowly. We started pushing up + relieving people on it, it

finally all got out but the last few ^{folk} ~~part~~ were left with loads backslashes + rope before Rob finally got out at

midnight. Unsatisfying to get it all done, but by turns rather odd + slow than rather hard work. Pete, Rob + I

barred down the hill to catch up with the debauched denigging party, but found almost everyone had gone to bed - so we

st. ~~hurry~~ ~~was~~ ~~with~~ ~~more~~ ~~over~~ ~~our~~

8-11/8/78

130

What Nobby did last week on his bonus end-of-expedition 2/7 trip

I wasn't even supposed to be here, so the chance to go to the bottom of a legendary cave was eagerly seized. Originally this was supposed to be as part of a photo team, but sudden enthusiasm from Gavin about the overflows dig at Egbot led to a shuffling of personnel for trips & a convenient half-time substitution plan involving Chris & I. Did I enjoy it? Well - Dave said something about expecting to be disappointed the first time he crept down the cave (all these years ago) & being flattered by how wrong he was... I was knocked out; the cave was everything it had been billed as, and more.

It even had, for extra value, two members of the Australian Olympic sailing team watching & photographing a slightly damaged Fleur get changed in the shelter. 'Is this going to be the deepest cave in the world?' they asked. 'Of course' we said. 'We've honed our techniques since 1992, when we were last here'. 'That's a coincidence' they said. 'We were last here in '92, & the caverns said the same thing then, too...' Plus for change -

My acclimatization trip saw me thru the after-sally, but I was gripped all the way down the shafts - if there was such a thing as an extra-hard lock I would have met it all the way down. The shafts are awesome, JA is JA, & the LU is staggeringly large. Bloody hell - not being able to see the walls or roof is a bit disconcerting when you have to find your way back alone the following day.

Fleur enjoyed showing no sound. Even so, it's a long way to the bottom when one of you has harness injuries & the other is going deeper than ever before. Glad to see the photo team at camp, we packed them on their way & spent what we could of the next day digging the (overflow) chute, long enough to be encouraged by it - see elsewhere for more recent developments. The half-time whistle came too soon, & refuelled by fine custard I passed Chris & met the phototeam @ Kenthrow, where I fell asleep.

Day 3 - I was gassed. My limited appreciation of the upstream passage didn't do justice to its manifold charms, especially to the bit marked by JC Flay, which is lovely. Did some modelling at the upstream limit which was sadly possibly ruined by the dumping Paul's camera in the stream with a well-carried welly. Circumstances conspired against the photographer all day, but we managed to get some good snuff done, & a reasonably early night. Most of the best food seemed to have gone to PP with Fleur, but a full pack of sausages each for myself & Paul,

(131)

albeit with pants always tucked with limited resources, saw us well primed to negotiate a tricky bit of passage from the big ledge to Cemetery Lakes, a carry up the shafts & a fiasco in Paradise before sneezing homewards. 80 hours underground - longest ever. - 80m - deepest ever. Probably the finest cave I've ever seen in ANO - the final touch was a nice lunch in the break room yesterday, paid for by Flew as the price of defeat in the summer 98 Dept Challenge. Thanks. NJM

Captain's log - Stardate (Tuesday) 18/8 6 a.m. Pete/Huw


We have been mysteriously transported in the night up from Lagos by some alien force. Huw claims to be sober and has disappeared up to 2/7. Pete claims to be still drunk and is trying to remember anything at all about last night.....

Tuesday 18/8 8 a.m. Pete

Still no recollection from last night; Still drunk. Heading up to 2/7 to bring ropes down to Amo.

Tuesday 18/8 10.30am Pete

Sober again half way back from 2/7. What a hangover!
No sign of Huw - must have gone to Lagos direct.

Klingons on the stern 

WE ARE LEAVING ARIO ON WEDNESDAY, THESE LEFTOVERS (POTATOES AND EGGS) ARE FOR YOU

WE WILL BE PLEASED IF WE CAN TALK WITH YOU BEFORE WE GO BACK TO BARCELONA. ASOPLADERO LA TEXA - 837m

WE HAVE FOUND THE MUXA STREAMWAY SUMPED AT -800m.

S.I.E 17/8/98 20:00 h

→ The SIE will be at the Refugio this evening if we'd like a drink and ^a chat.

Also I can not find a surveying tape. Can I be brought back up from base.

18/8/98

~ 4 o'clock approx → Last carry from 2/7

Rob: "I still blame Nabacha for my funny shits!"

(133) * We can also look at the Windy Cave of Ostrom
13/10 or 10/12 or whatever.

Surprising News:

The SIE will not be returning to their area of the Picos next year and have invited us to investigate leads they have left in La Texa. This year they dropped into the Cebexa Nueva stream at around -800m but the stream quickly soured at both ends. A fossil passage at around -750m led to a way over the down-stream sump and reached ~~the stream~~ ^{the post} again at -837. They left the end as a duct (low airspace ~ 1 foot) above deep water. This may soup, as they could not see to the end but thought they had running water.

They have left their ropes in the cave, except for ~~some~~ ^{some} through the rigging may differ from our own techniques.

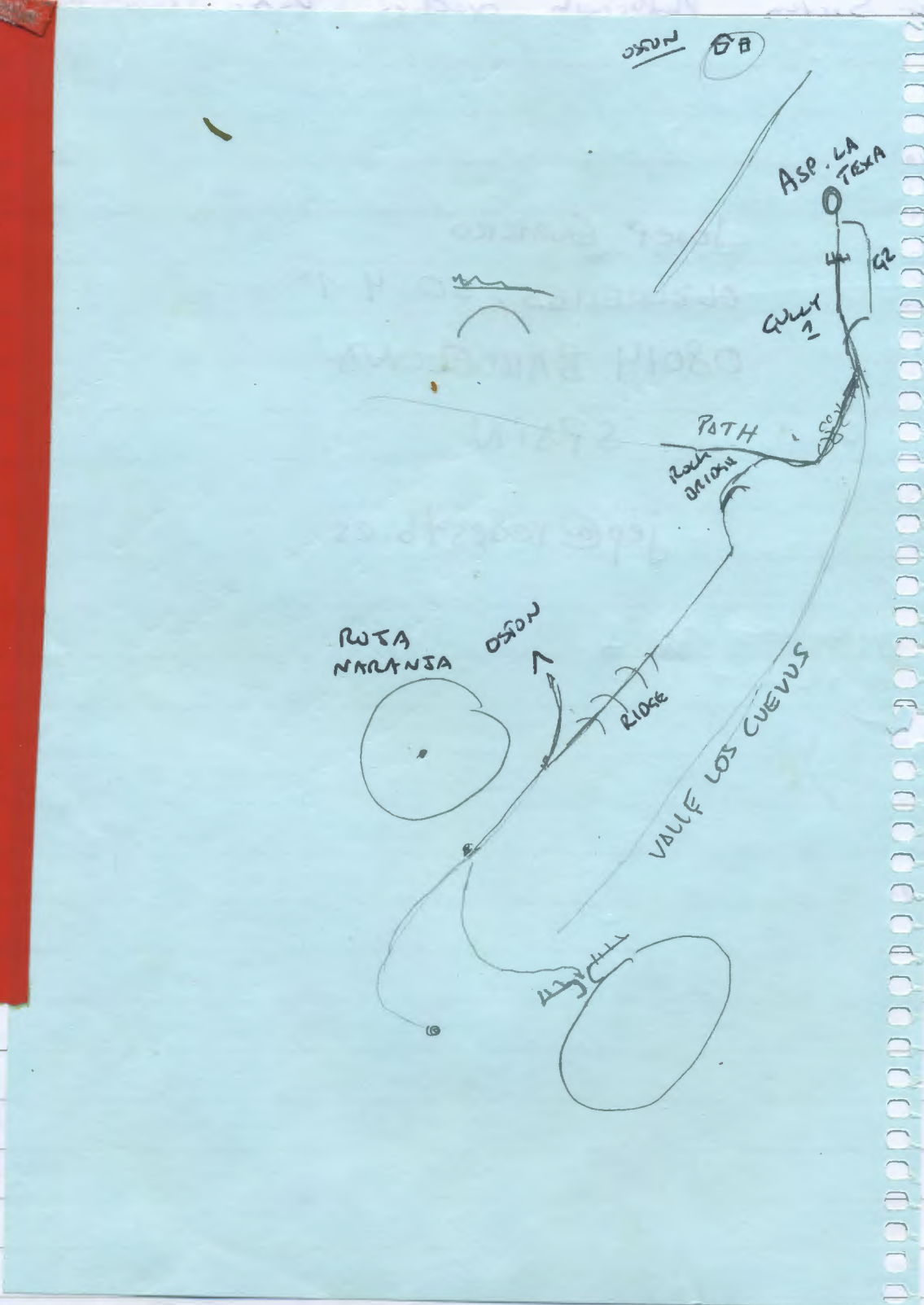
- 600 (camp) to bottom : Bolts, hangers + ropes in place.
- 300 → 600, the ropes up pitches but hangers are out Bolts in No Hangers → Need to drill thru this
- NB 9 mill bolts on these pitches
- 100 → 300 : Bolts, hangers + ropes in cave. Ropes Mainly Bent
- Extreme ^{2 pitches} : Unrigged. Dulle → 400
9 mill → 400+

They estimate that it will need ~~the~~ ^{all} the of rope + 120 hangers but most of this is in the cave.

Josep will email me the Survey details plus send any other useful stuff by post.

Directions to cave: Take Ostrom path from Aetopia. At Las Silas de Ostrom where path turns left continue along ridge overlooking Llanos Las Cuevas (on right). A rockbridge is made a few hundred metres along this ridge which is a good marker on the way back. At the end of the ridge a gully is made which can be drilled down to a point where it gets dodgy. The cave is not far below this and can be reached by traversing right into a

second gallery. Ostron is in view to the NE as you approach the cave. * Also Xavier the warden would show us where it is. See sketch.



- Things to ask Josep for :
1. Survey (1997/1998)
 2. Rigging Guide
 3. Survey data
 4. Whole area Survey data.
- } err John.
Pybus

Things to do

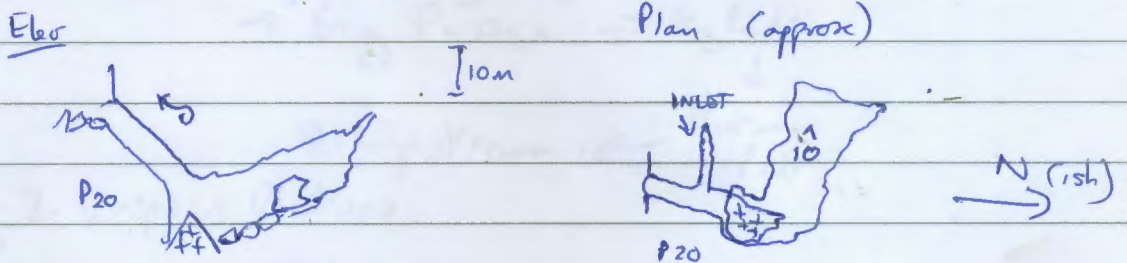
- 1. Denis 27/9
 - Deni. Survey, Photograph practices, Denis. Carry to Amb/Lagos
 - ? Not 50 (Dye calibration).
- 2. Pick up Coliubros Dye detectors
 - ? Could be combined with walk down Ostra path + location of La Taxa
 - ~~? Less as late as possible~~
 - Could be picked up from Ceramãna
- 3. Tidy up trash can
 - ? Paul has offered
 - Pete on way back from area D.
- 4. Denis 10/9. → Sec 1

27/9: Chris, Becka, Rob.
 Trash: Paul + Lew + Pete

Walked across D area approximately 200m north of Aliseda. Caves mostly BarCahéuk dipping 45° N.

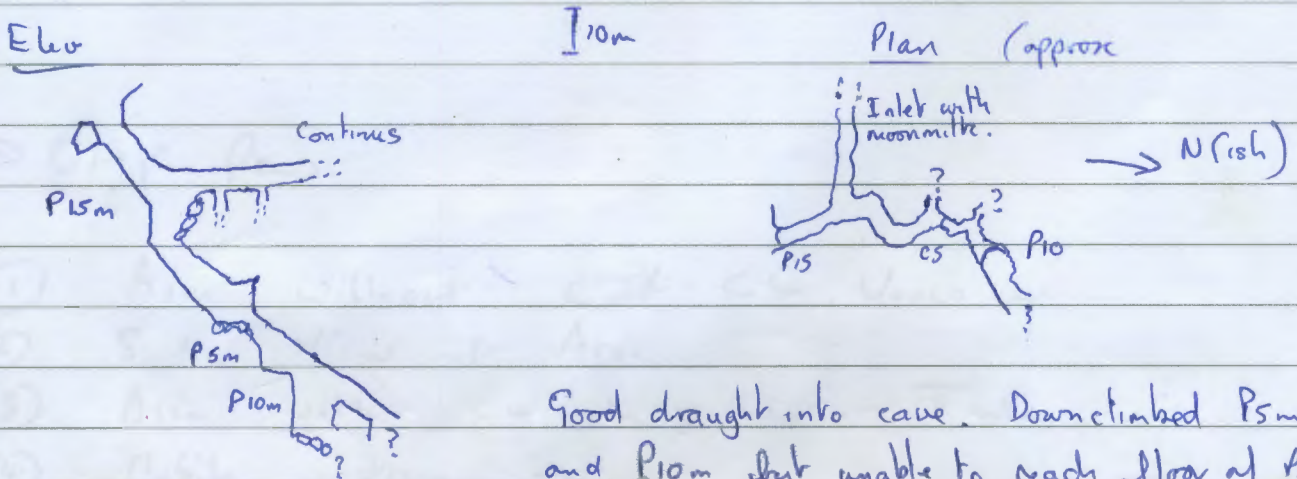
D16

Originally found 1997 but not descended. 20+m pit to snow plug and choked chamber with inlet. Possibly connect with draughting squeeze in D17



D98

New cave. Unmarked. Worth a look in '99. Location - (from Aio) follow Aliseda path to cairn for Top camp; turning North (away from top camp) cave is situated in direct line of sight to small peak and 250m north of cairn. Entrance - where grassy ridge marks lapiaz is a group of down dip entrances.

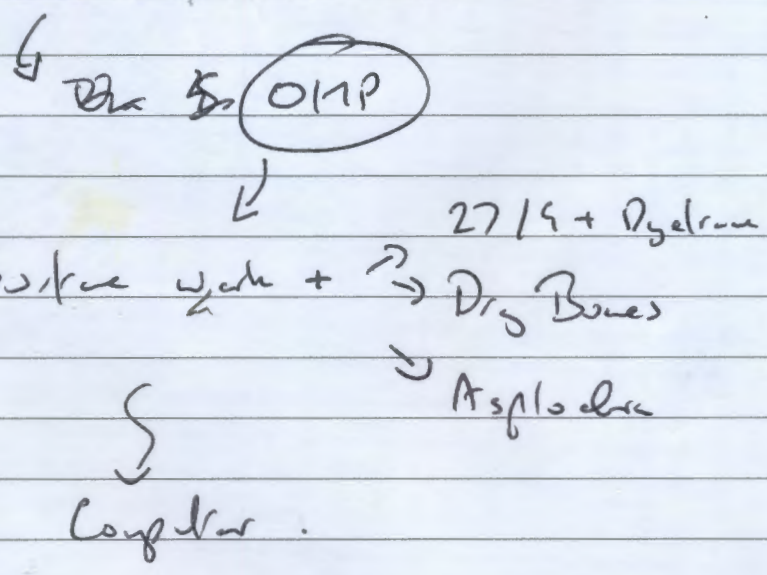


Good draught into cave. Downclimbed P5m and P10m but unable to reach floor of P10. Appears to continue as pitch (maybe?)
Sizable cave. Best so far = D

BCRA Talk.

- INTRO → ONP 1 Area Overview
 - ONP 2 Side View
 - ONP 3 Area with C3/C4 + 217
- ↙ Why go to 217

Slides → Sidr scene, Lugs, Curries, Aris, Jullago
 → Survey Entrance + 217
 → Survey → Leads
 → Big Passage → Eglade
 ↓
 → Upstream ← Podman
 Pad
 2 trips + photos.



→ ONP Pass

- ① Area without C3: C4, Vases or
- ② Side View of Area
- ③ Area with C4 etc + Water-Tale.
- ④ Mobile upstream passage
- ⑤ Downstream (lower sp.)
- ⑥ Asplodes.

Rob S
 Dave L
 Neil P
 Lev B
 Paul M
 Jo W
 Chris D
 John S
 Alex H
 Tony S
 Steve L
 Harvey S
 Peter H
 Mrs J
 Gavin L
 Cristina S
 Rebecca L
 Keith H
 Anna W
 Maria L
 Lenit L
 Rlys W

	Tue	Wed	Thur	Fri	Sat	Sun	Mon	Tue	Wed	Thur	Fri	Sat
Rob S	H							R	R	R	R	R
Dave L	H							R	R	R	R	R
Neil P	H							R	R	R	R	R
Lev B	H							R	R	R	R	R
Paul M	H							R	R	R	R	R
Jo W	Z							R	R	R	R	R
Chris D	Z							R	R	R	R	R
John S	X	8						R	R	R	R	R
Alex H	X	8						R	R	R	R	R
Tony S	X	9	8.1					R	R	R	R	R
Steve L	X	10						R	R	R	R	R
Harvey S	X	10						R	R	R	R	R
Peter H	X	10						R	R	R	R	R
Mrs J	X	11						R	R	R	R	R
Gavin L	X	11						R	R	R	R	R
Cristina S	X	11						R	R	R	R	R
Rebecca L	X	12						R	R	R	R	R
Keith H	X	12						R	R	R	R	R
Anna W	X	12						R	R	R	R	R
Maria L	X	12						R	R	R	R	R
Lenit L	X	12						R	R	R	R	R
Rlys W	X	12						R	R	R	R	R

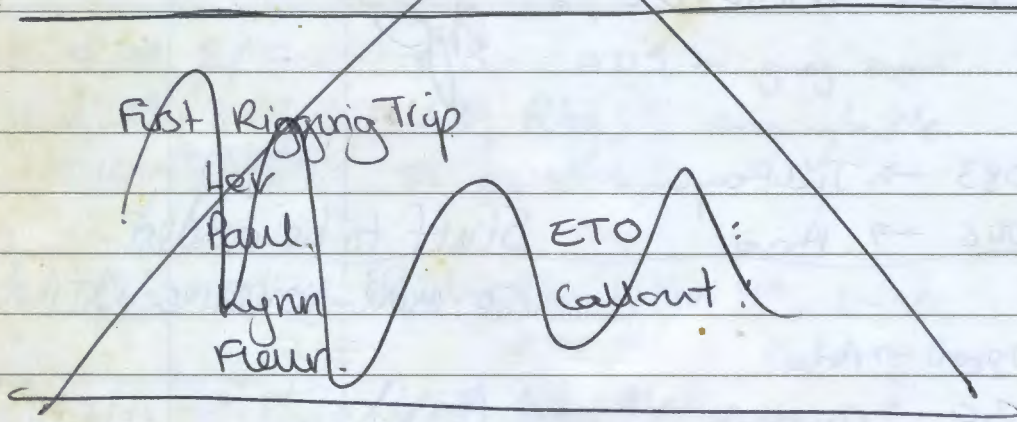
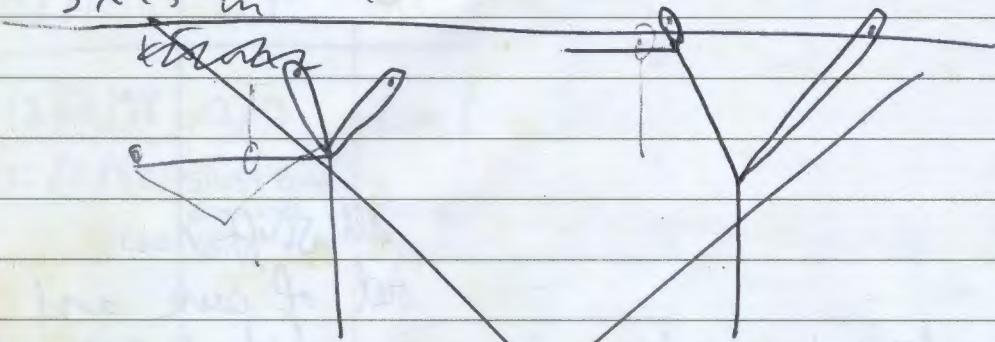


(BL)

Gear at Ario.

Which h/b, white Case?

- 200 m 10mil Edelrid
- 20 m 10mil Edelrid.
- 20m " "
- 20m " "
- 20m "
- 40m 10mm ed.
- 3x15 m " "



gear at Ario cont'd.

155m		2 x 35 m	10mm	Ed.
155m	Beal.	1 x 25 m	10mm	Ed.
15 m	10mm ed.	2 x 15 m	"	"
2 x 40 m	"	2 x 20 m	"	"
20 m	"			
4 x 5 m	"			
25 m	"			
30 m	"			
3 x 10 m	"			

(B2) 10 B
5 Y

Stuff still at stash 10/7/98

Rough list.

wood tent peg	wood tent peg
Mornflakes x11	Boxes x4
lots of mugs	red bin
some plates	large tyre
lots of cutlery	k'mat
fy pan. 2 bowls.	Rubbish
wash up lig.	

all stuff now out of cave and in shakehole.

~~brush~~. towel etc.

! NO CARBIDE!

Rhyo

48/7 083 → Juktayu
006 → Ario

Stuff to be added to mini-~~rescue~~ rescue kit

3/9 020 → Ario
130 → Curicaito

~~Pentils~~
~~Bulbs & jets~~
~~carbide~~
~~Sam's parts~~

###

###

23
45
20

(B3)

Times back to Aris!

Date/Time	Cave	Who	Doing What	E.T.O.	Col Out	Safe
10/7/98 13:00	2/7	Paul Mann, Fleur Lowridge, Len Bishop, Lynn Mully	Rig entrance/ riffls	10/7/98 22:00	11/7/98 07:00	✓
10/7/98 13.08	N/A (STASH)	R. Doyle, Rhys	Collecting kit	20:00 10/7/98	22:00	SAFE ✓
11/7/98	2/7	J.C., Jon, Rich, Huw	Rig Riffles	22:00	07:00	12/7/98 ✓
12/7/98 12/7/98	2/7	Len, Paul, Rhys, Alison JC, Fleur	Rigging	01:00 18:00	07:00 22:00	13/7/98 ✓
						Shaft Bashing around Curiente 48/7, 19/9, 21/9
14/7/98 14/7/98	2/7 2/7	Gavin, Fleur, Martin JC, Rich	Tickets find on Riffles	23:59 22:00	07:00 07:00	✓ ✓
15.7.98 15.7.98 15/7/98	2/7 2/7	JW ADS → gang down LSB, Rhys JC, Keith, Lynn	carrying tackle	05:00 00:00 18:00	09:00 07:00 22:00	✓ ✓ ✓
						Shaft Bashing Area 9.
16/7/98 16/7/98	2/7	Rich, Huw, Martin, Lynn LSB, Bill, Alec	Portering Gear	23:00 23:00 19:00	07:00 23:00	17/7/98 ✓ ✓
						shaft bashing JC's holes
17/7/98 17/7/98	2/7 2/7	Gavin + Fleur Camping at Big Ledge Big Red + Mine, 2nd look by Upstream?	Rigging → JA JC Tony	Midnight Monday Afternoon	07:00 21:00	18/7/98 ✓ 20/7/98 ✓
17/7/98 17/7/98	2/7	Len, Rhys, Alec, Huw Keith, Pete	shaft bashing in shaft-series	Midnight 21:00	07:00 Midnight	18/7/98 ✓
						shaft bashing in local vicinity
17/7/98 17/7/98	2/7	Rich, Alison John, Extremes/Trea Path area	s/bashing	17:00 18:00	18:00 19:00	✓ ✓
						Dowsing

Master plan

34

Thursday 18/7

Friday 18/7

Huw
Rich
Lynn
Martin

Portering bags

Grain + Fleur rig JA
Jonathan + Tony To camp

Saturday 18/7

Jonathan + Tony rig JA, Zasaska way.
Pete, Alec, Keith, Alisa more portering

Sunday 19/7

Paul + Lew
Jonathan + Tony

Camp in to Prinsda At
outlet upstream

more portering

Other people:

Huw
Fleur
Grain
Pete
Alec
Jo

~~Monday 20/7~~

Monday 20/7

Paul + Lew rig to Egbert

(85)

Gear situation 16/7/98

End of lists bag w/ 140m (JA)
 bag w/ 160m (ZW)

FFF bag w/ ladder + some rigging gear (little)

base of Com Gates bag 100m (ZW)
 bag 35m + rigging (JA)
 bag rigging gear

Amargedon climbing rope + 50m + maulons (Dead or Alive)

Blue sack: 40m 10mm ed.
 carbide

Black / yellow sack: 35m 10mm ed
 30m 10mm ed.

People to camp.	Last day caving
Martin :	Thurs eve. (pref Wed)
Rich	Sun
hynn. ?	Sun
Rhys	Week tues
Bill ?	Sun →

Camps, In Ch : Monday (out Tues) - Martin +
 Tues (out Fri)
 Wed (out Sat)

Date/Time	Cave	Who	Doing What?	ETO	Call out	Safe?
18/7/98	2/7 (P2)	Rich, Keith, Alison, Pete	Lugging in Gear	11 pm	07:00 19/7/98	✓
18/7/98	Ario Area Area 985 John's Trapezium	Lynn, Bill, John	Shaft Bashing	9 pm	Midnight	✓
19/7/98	2/7 (P3)	Porter Jo, Lynn, Fleur, Bill	Portering	9 pm	07:00	20/7/98 ✓
19/7/98 Sun	2/7 (2)	Paul M. Lev B.	Camp 2 - Primula Point	2:00pm Thur 23/7/98	19:00	Thur 23/7/98 ✓
19/7/98	Trea/Extremes Pulch	Huw / Rhys	Shaft Bashing	7:00 pm	Midnight	✓
19/7/98	Martini Pool	R. Doyle	Collecting Water	4:30 pm	8 pm	✓
20/7/98	Martini Pool	Gavin	Digging/Water	11:00am	noon	✓
20/7/98	2/7 (P4)	Alec, Huw, Peter	P4	8:00pm	8am	21/7/98 ✓
20/7/98		John, Rich, Keith	Shaft bashing Gustatera then S ridge of John's Trapezium			
		along Frank's of Curvicate & Juttyer, Trea path back		20:00	21:00	✓
20/7/98	above Cista	Gavin	sunbathing	18:00	20:00	✓
21/7/98	2/7 (4)	Fleur & Gavin	Fur	21:00	23:59	✓
				24/7/98	24/7/98	
21/7/98	Gustatera/ Trapezium	John, Harvey	Shaft bashing/ labelling	19:00	20:00	✓
21/7/98	Tangor	John, Barry	Trea pull/lamping	17:00	19:00	✓
22/7/98	Area 9 (clear 1/2)	Keith, John ie. Gustatera/Trapezium + Harvey	Shaft bashing/ visiting C3 lake	9 pm	11 pm	✓
22/7/98	2/7 (5)	Rich, Huw	Camp Primula Point Camp Big ledge	Sat. Afternoon 25/7/98	Harvey to Legos → Ario Midnight 25/7/98	✓
22/7/98	27/9	BILL & BARRY	BOLTING/SHAFT-BASHING	C. 20:00	22:00	✓
23/7/98	2/7 (6)	Rhys & Alec (jobs need done) + Tony	camp prim point.	Midnight Sun 2359 26th	Fam MORT	✓
23/7/98	2/7 (P5)	Keith, John, Barry, Peter	Tourist/porter rifto (+ estimates?)	10 pm 23/7/98	Midnight 2359 23/7/98 7 am 24/7/98	✓
23/7/98	27/9	Jo & Bill	Shaft bashing	9 pm	11:59 pm	✓
23/7/98	49/5 Martini Pool	Alison + Lynn HARVEY (MTP)	shaft bashing collecting water	7 pm	9 pm	✓

B7

Gear situation 20/7/98

Bags prepared by P3 140m rope
 60m rope
 2x pit sets } (4 bags)
 ~~Between~~ GTP
 and end of rist
 at end of rist

Bags prepared by P4 2x pits, etc
 food, carbide, etc
 crowbar, first aid } 4 bags
 at end of rist

Fleur and Gavin to take P4 bags + some rope (5-bags) (Tues)

Rick and Huw to take rest of bags (8) + food + carbide + ^{gas} ~~karimats~~
 + 2 plates, mugs, spoons (Wed)

Rhys and Alec to take food + carbide + karimats + 2 plates, mugs, spoons
 + gas + rope + survey gear (Thurs)

LOW HAS BORROWERS

Please return to Dave Lacey

Hares has lent { Stop, Steel snap link web (oval Faden),
 Foot loop Jammer (purple),
 Carstairs + 2 blue screw gate webos + Jammer (purple)
 Chest jammer,
 Harness + 2 mailon

Fleur web

Date/Time	Where?	Who?	Doing What?	Estimated time of return (+date if different)	Call out time (+date if different)	SAFE?
24/7/98	2/7 (P6)	Tom, Bono Lynn, Alison, Harvey	P6	23:59	Poro X 25/7/98 ✓ 28/7/98 Fam/x	
24/7/98	2/7 (T)	Reke, Tony (AKB)	2/7	28/7/98 Tues 7pm	29/7/98 28/7/98 Wed/am	
24/7/98	2/7	Dave, Rob & Neil	Down to Pessimists	23:00	07:00 25/7/98 ✓	
25/7/98	2/7 (P7)	Keith, John	Down Armageddon	Midnight	07:00 24/7/98 ✓	
25/7/98	2/7 (P7)	John, Billy	banking	midnight	midnight	
25/7/98	19 search then Trapezium S. side & Jude la Costa S. side.	John	shaft bashing/ dowsing/ pottering	19:00	21:00 ✓	
25/7/98	Grotty Ground	Dave, Lew	Self-mutilation	16:00	19:00 ✓	
26/7/98	2/7	John Harvey	P7 TOP A REASON	13:00	07:00 27/7/98 ✓	
	Between Custlers & Dultaya	Martin & Louie	looking out for anything of interest	18:00	20:30 ✓	
27/7/98	2/7 Piroula Point	Dave, Neil) hot Rob, Lew ✓ bedding!	pushing on to Culibro...	Midnight, Sunday 23:59, 2-8-98	07:00 Monday 3-8-98 Rob, Lew OUT ✓	
	Custlers - Dultaya	Martin & Louie	wandering	18:00	20:30 ✓	
27/7/98	31/9, 10/9 & others	Keith & Lyman	shaft bashing	20:00	22:00	
27/7/98	31/9 then 27/9	Keith, Chris, Gavin	Finding 4th masky site	10:00	Midnight ✓	
28/7/98	27/9	Gavin, Chris, Keith		19:00	22:00 ✓	
28/7/98	31/9	Fleur (Keith)	Keith on logs - 17/9 km		17:00 ✓	
Tues 28/7/98	2/7	Paul & Joanne Chris Cyril & Bill Lew 9a	Camping pp. - Tactiles Revised	Sat 31/7/98 Midnight Sat Midnight	Sat 1/8/98 Sun 9:00am Sun 21/7/98 9:00	
29/7/98	2/7	Fleur & Harvey	Riggug GSP	22:30	07:00 ✓ 30/7/98	
29/7/98	27/9	Gavin & Huw & Keith Martin & John	Eating Fudge Martin's car @ Sed 2	18:00 18:00	22:00 ✓ 20:00 ✓	
29-7-98	2/7	Alec & Tony	Camp @ ledge	Sat 31st Sun AM/pm	Sun 2nd @ 09:00 ✓	
29-7-98	2/7	Chris & John	Piroula Point	Sat midnight	Sun 09:00 ✓	
30-7-98	27/9 / Shaft Bush Custlers	Huw, Alison, Keith	Check leads/ Hammer Terminal squeeze Shaft Bush 10/9, 32/9, 26/9	22:00	24:00 ✓	
31/7/98 Friday	2/7	Fleur + Harvey	Fun @ P. Point	23:00 3/8/98 Monday	07:00 4/8/98 Tuesday	
31/7/98	33/9	Huw	Digging	20:00	22:00 ✓	
31/7/98	15/5	Pete	Grapping	21:15	22:00 ✓	

34

- 1
- Sun 2 Pushing camp in
- 3
- 4
- 5
- Th 6 Pushes out(?); photos in
- F 7
- S 8 photos back to BL
- S 9 photos out, upstream team in
- 10.1 derig back to BL
- 11 push upstream
- 12
- 13
- 14 **D** Start derigging from Bigledge
- Sat 15
- 16
- 17 Everything derigged
- 18 Carrying
- 19 "
- 20 "
- 21 Leave Lagos, beach
- Sat 22 Driving
- Sun 23 Ferry

DATE	Where?	Who?	Doing What?	Expected time of Return (+Dite if diffmt)	Call Out Time (+Dite dr). Friday 7/8/98
2/8/98	2/7	Gavin, JC	Digging in Esbert (Ushi)	Thursday 6/8/98 3pm	Friday 7/8/98 7am ✓
3/8/98	2/7	Huw, Pete	"	Thursday 6/8/98 Evening Sat Eve	Friday 7/8/98 10am ✓
3/8/98	27/9	Neil, Becka	Digging	Monday 3/8 Evening	Tuesday 10am ✓ 4/8
3/8/99	2/7	Nancy, Pat, Adam, Christian	Tourist (upto call fr. 16)	Tuesday 2-3am	Tuesday 9am ✓
4/8/98	2/7-27/9	Neil, Becka	shaft bashing Area 9	Tuesday Wednesday Evening 10pm	Th Wednesday 9am ✓
5/8/98	2/7	Pat + Becka	Tourist/trip to end of aff/stat of overnight pieces LAND	Wed 5/8 8pm	Thurs 6/8 9am ✓
5/8/98	2/7	ADAM + CHRIS	"	THURSDAY 6/8 9pm	FRIDAY 7/8 7am ✓
6/8/98	21/9 and Area 9	Fleur + Nobby	Shaft bashing	6pm	9pm ✓
6/8/98	Adriano's tree path	Chris + Lev	shaft bash	7pm	9pm ✓
6/8/98	Eye hole → 2/7	Harvey	Collecting tackle from 2/7 entrance	7:30pm	10pm ✓
6/8/98	Valley Dry bones → Tree path →	Tim, Jo, Lou	Digging/ shaft bashing	8pm	11pm ✓
6/8/98	Area 9, Road 27/9	Becka	Shaft bashing + walking	8pm	11pm ✓
7/8/98	2/7	Paul, Jo, Becka	Photo	Tuesday 11/8/98 8:00pm	Wed 12/8/98 7:00am ✓ (Includes National)
		Chris	Photo → Dig	Tuesday 11/8/98 8:00pm	Wed 12/8/98 - Will Fleur ✓ as tele
7/8/98	2/7	Tim, Lou	BL 1pp/ BL	MONDAY 10/8/98 9pm	Tuesday 11/8/98 7am ✓
7/8/98	2/7	Nobby	RLITS	8:30pm	11pm ✓
8/8/98	2/7	Fleur	→ PP Digging	wed evening 12/8	thursday 13/8 7am ✓
		Nobby	Digging then out with phototeam	tues 11/8 8pm	wed 12/8 7am ✓
8/8/98	Dry Bones	Tim, Lou, Rob, Lev	Digging Max	8pm	10:30pm ✓
9/8/98	2/7 (GSP)	Gavin	Rig, push, dig	8pm	midnight ✓
9/8/98	Tree path, extremity	Lev, Rob	shaft bashing	8pm	11pm ✓
9/8/98	Dry Bones	Lou, Tim	digging	10pm	11-30pm ✓
10/8/98	Cotwick	JC, Rob	Dye-bags	10pm	9am Tuesday ✓
	Dry Bones	Lev, Tim, Lou	Digging	? ✓	? ✓
	Julligan	Pete	Cung	? ✓	? ✓
*11/8/98	2/7	Tim, Lou	Having fun	Wednesday or Thursday night	Friday 8am ✓
11/8/98	2/7	Gavin	Digging	7pm	midnight ✓
11/8/98	27/9/10/9	Lev + Huw	27/9 Placing dye 10/9 Pushing	7pm	10pm ✓
11/8/98	2/7	J.C.	Upstream/digging	Friday 14-8-98 7pm	Friday 14-8-98 11:30pm ✓

(B11)

(If Possible). Can there be 4 spec pits at the Big Ledge. If this is likely to be inconvenient then no worries as Me/Rob will carry on to Primula Point.

* → Tomorrow's plan

Early: You. → Bourne + Carry

* Almost as early Tim + Lou.

Arrive Big Ledge. Survey upstream.

Stay at Big Ledge Tuesday ~~evening~~ night

Off with bags on Wednesday.

* Later: Me + Rob.

Planning to go down to Primula Point to ~~or~~ ~~Bolton's~~ ~~deris~~

But my stay at Big Ledge depends on Pitt's option / convenience.

B12
end

12 Aug	2/7	P.H. Lev	Paradise. deng	7 pm Wednes	Thursday
17 Aug	27/9 10/9	Lev, Dave, Rob	Push	10 pm	Midnight
13 Aug	2/7	Dave, Lev, Nobby	Big ledge Kerig	0600 0200, 14/8	1200 0800, 14/8
14 Aug	2/7	Rob, Becka, Pete	deng	0527	1600 ✓ 15/8/98
15 Aug	2/7	Lev, Dave	deng	Midnight	0800 am.
15 Aug	14/10	Chris, Becka	deng	9 pm	10 pm
16 Aug	2/7	Pete, Hans, Paul, Jo, JC, Rob, Becka, Chris, Flew, Nobby	deng	0000 1000	0800 / 17/8
19 Aug	27/9 e 10/9	Becka, Chris, Rob	Survey 27/9, Deng 27/9 e 10/9	0200 at Lagos	0800 20 Aug at Lagos
11	Area D	P.H.	D16	7 pm ✓	N/A. ✓