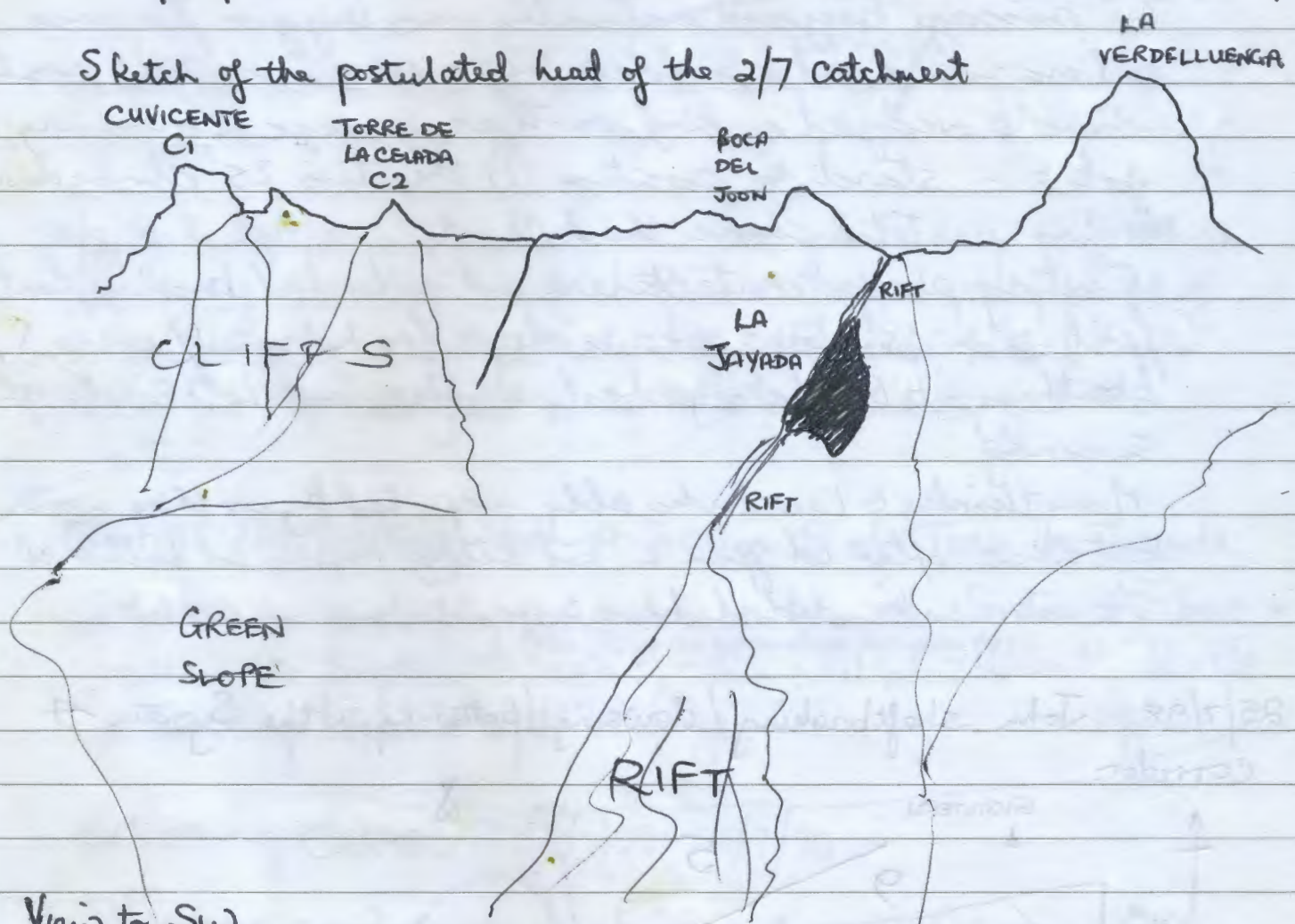


this, but the shakehole is huge (c. 300m diameter) and includes 7/9 and 8/9. On the way back down the lower slopes of Cuvicente and Jultayu along the S. edge of the Trapezium I located a further three sites of interest, which I tagged 32/9, 73/5 and 74/5. All remaining tags (which I have already stamped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

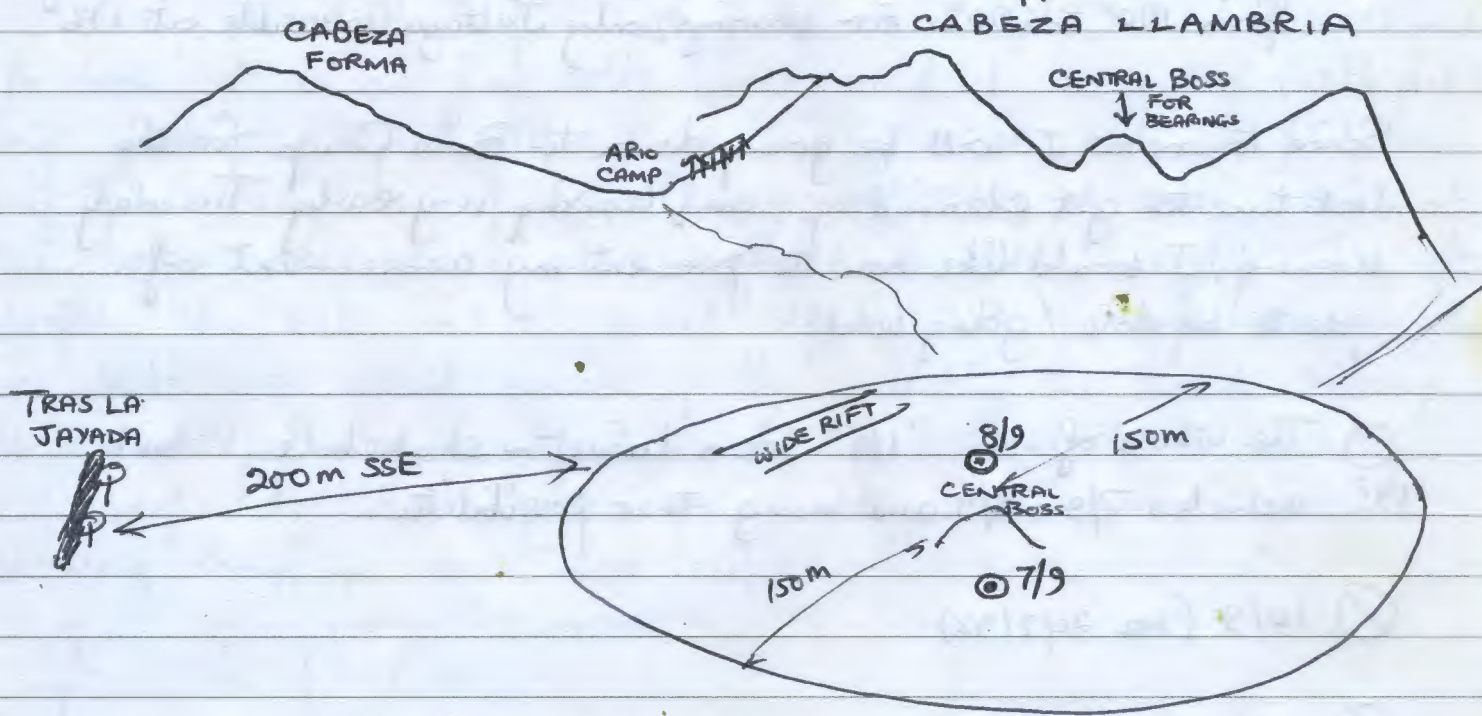
✓ A possible dig in this upper 2/7 catchment is a small shakehole on the upper slopes of Cuvicente (unnumbered).

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)

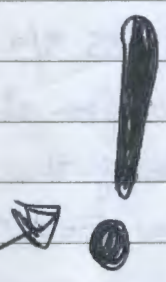
○ 27/9 (see Bill, Jo & Barry description today)

○ 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.

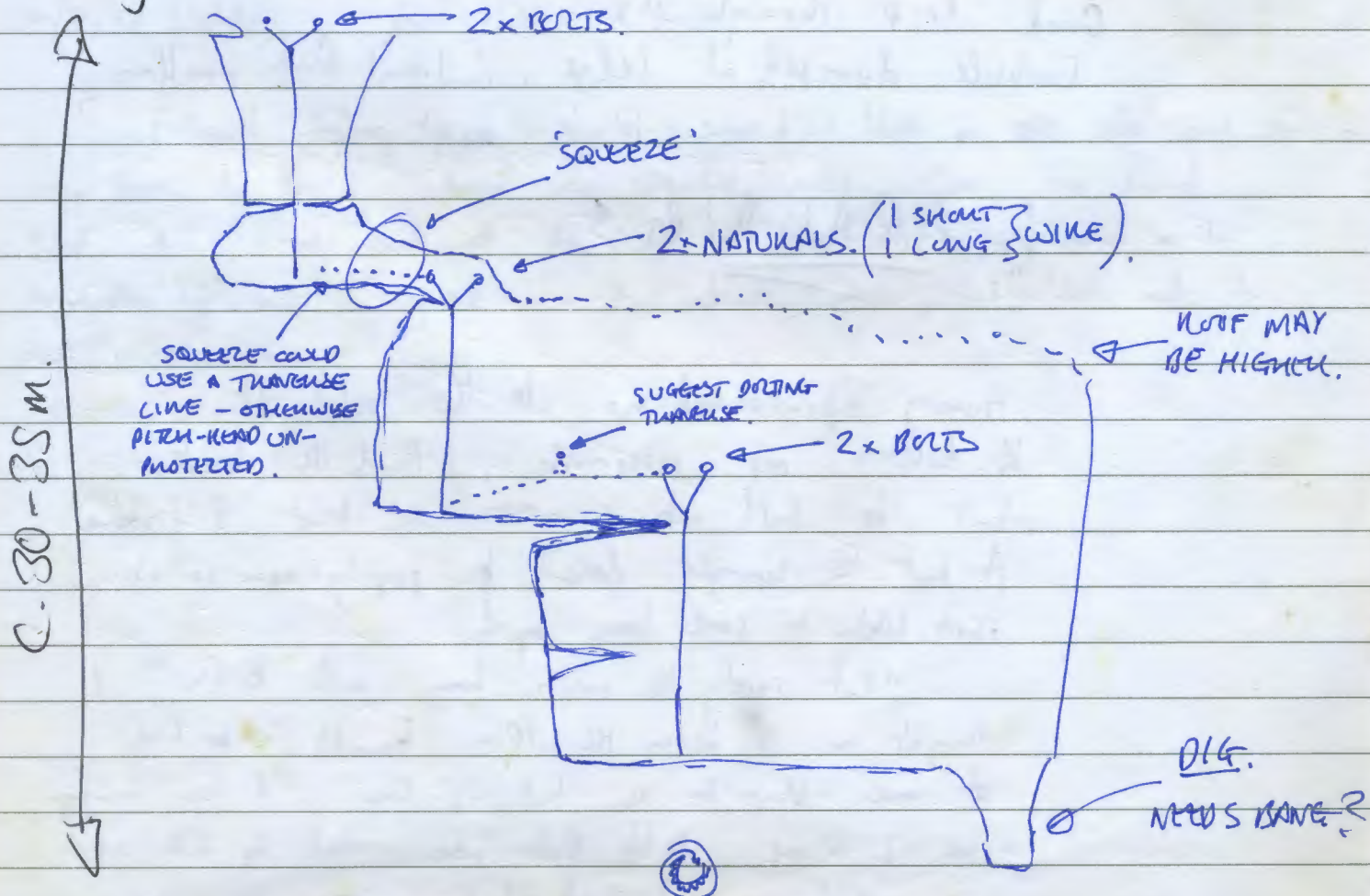
John

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*cking~~ 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 rebely 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 core loose again.

"But surely the main hng will be fine" I
thought as I began the 70m brundle - to find
it 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 by the hangers are wanky.

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 backbag 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 backbag of hammocks.

Set up a haul line from the big ledge to Hebbleton to get the ropes across, and the hammocks; 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.

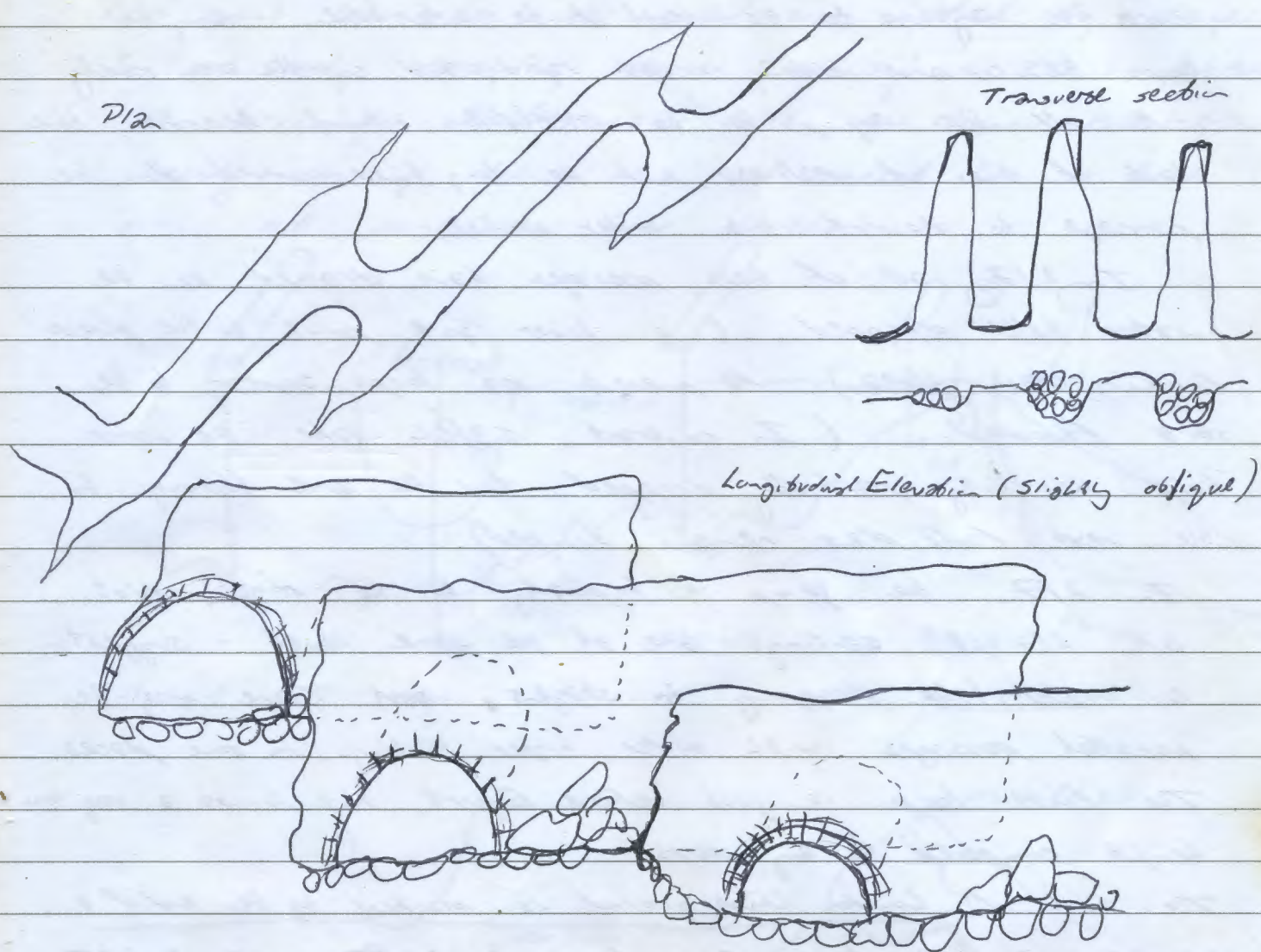
Next day, returned to Hebbleton to collect 4 sacks of rope and rigging gear, then took a climb at Puddingfen. Found that it had been done before - so climbed up to get better idea of what to expect at top end of L.U. Then back down to camp.

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 bailing 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 cuts 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 ~~sometimes~~ 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 ~~under~~ 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.

