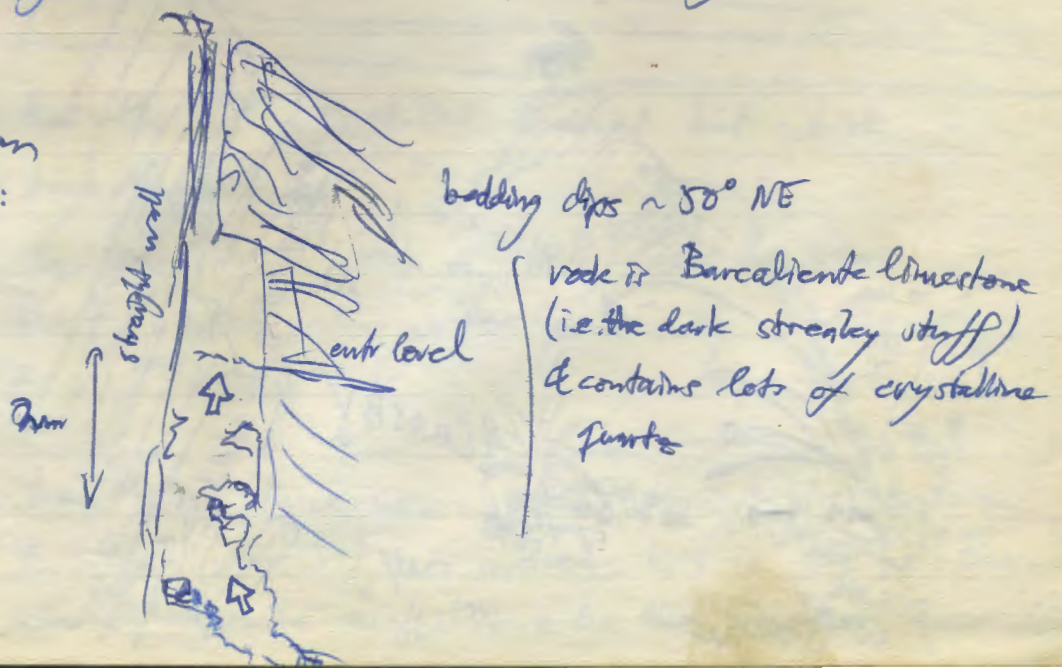


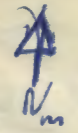
After two guided reconnaissance walks yesterday, set out 10^{am} armed with (1) shovel, 2 lucky crowbars, a bit of string, geologist's compass and good humour to try to unblock some of the corked-up draughting drains. After quick glance at the lowest few holes (and the most obvious ones) Bernhard spotted a promising one and suggested, in German, the 'working name' - M.Y.O.C. Entrance was a little rift on due E-W strike 2m ^(easy climb) deep to cobbles pebbles & earth floor. It's now more than 3m deep (after 3½ hours solid digging - moral: a fiddlebag would have been less apt to keep snagging than my rucksack whilst hauling up 4 dozen loads of rock) and at the bottom you can stick both legs into a descending rift just wide enough for this until you hit a boulder slightly wider. It seems possible to outdig this by going deeper yet, but this would mean shifting again 2-3 times the amount of stuff already cleared.

Gave up on this eventually and rather messily pulled out boulders from another three or four holes, without achieving much. Basically all the other holes have only one solid wall (or roof) and loose boulders on the other side, so digging would involve either enlarging the shotholes preposterously or shoring them up, neither of which seems feasible. - Leaving the valley through the gully at the bottom (E) and descending ~30m further in its continuation, one encounters a 3m high 2m wide hump which still has draughting holes on either side, suffering from the same problem.

M.Y.O.C. x-section
looking due W:



112 Sketch map of (bottom part of) V.O.D.B.



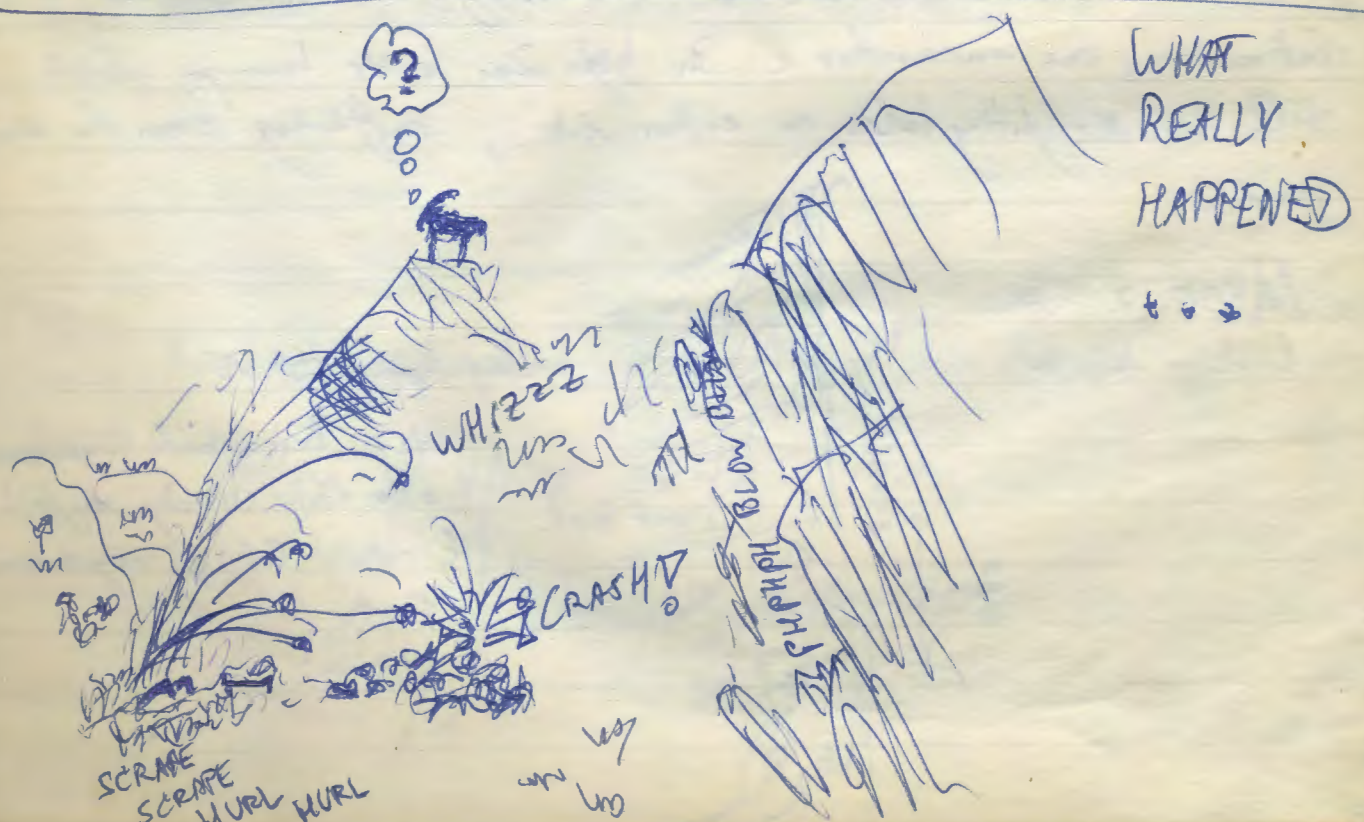
to Johnson path



- Legend:
- dips (degrees) to (bearing)

strikes (bearing)
 - draught
 - (downward) slope
 - cliff or rock face

Spotted ~7 specimens of the blue alpine GENTIANA (but I'm not drawing them into the map).



eg.

Things to be carried down:

empty gas cylinder
rubbish

Things NOT to be carried down just yet:

- one decent length (65m) of caving rope for shaft bashing, and a couple of 20-25m lengths (we've already reached the point where I've got to lend my personal rope!)
- one bolting kit + bolts
- rigging gear (in sensible selection and quantity)

Things to be brought up:

113

one more full gas cylinder
tulipan
oil (for cooking)
milk (UHT)
apples
más peanut butter
canned tomatoes
general veg except peppers...
eggs = huevos
primula
empty rubbish bags
más nocilla ...
lemon juice
bread.

Things not to be brought up:

más stale bread

- One of the things that the '87 Expedition learned but which unfortunately has been forgotten:
- When writing up exploits in area 7/or 8, put the year with the date. Don't head your write-up with a line like "22/7 : 24/7" !
- 10/9 seems to have been used twice now ("Paul's & Harry's Hole", between La Jijada (2/9) & The Wiggly (now 13/9), was marked 10/9 in '87, but the shaft bashing kit seems to describe another cave by this number

Note to those at Ando on 7/8/91

Consider seriously the possibility of walking to Las Bobvias to fill both containers with water. The spring here is being a bit feeble.

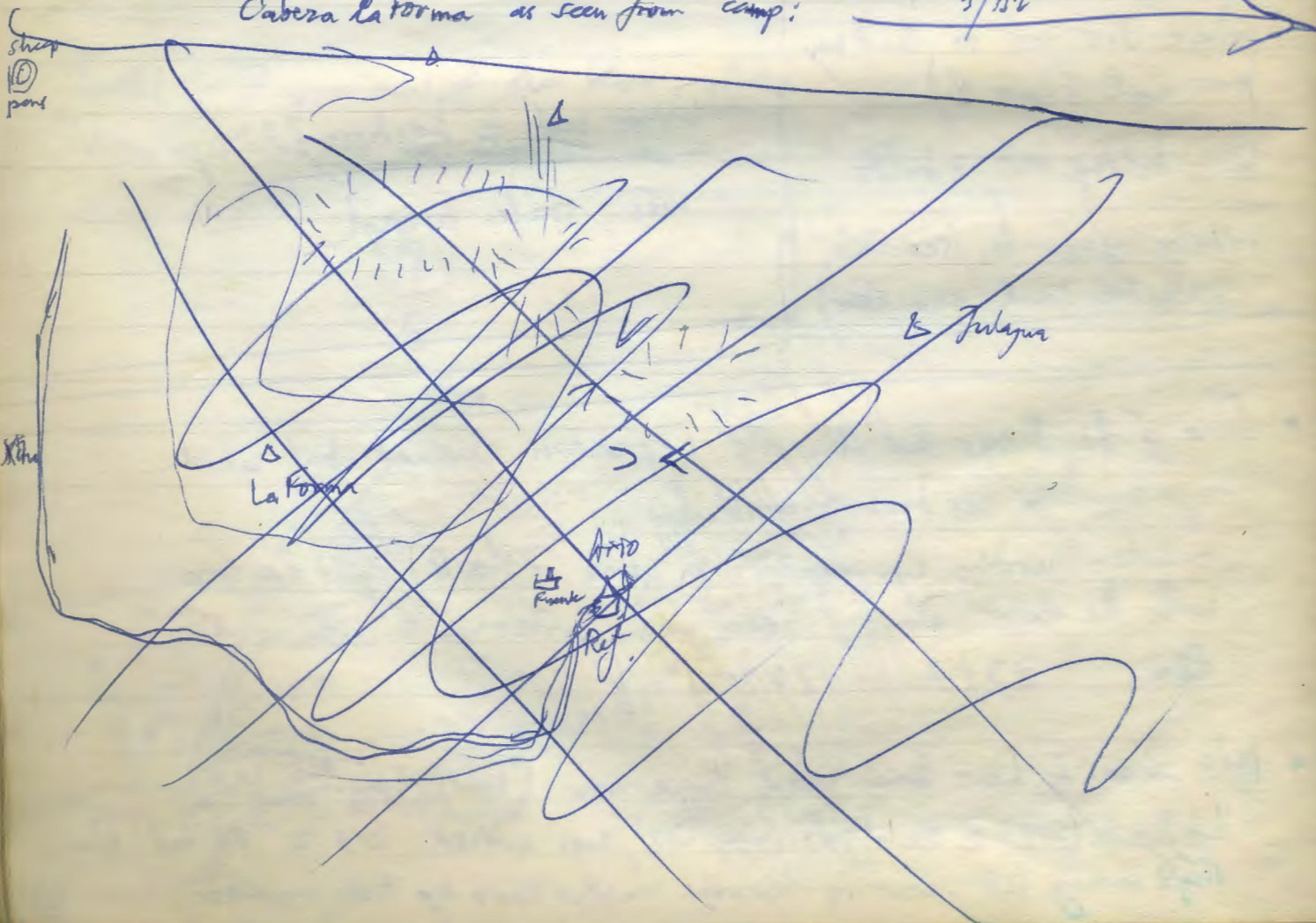
Am considering, G. — [Have now done so, 7/8/91 morning.]

Dave "Now, let's see, everybody has had 200g Pasta per head..." M.
Pauly tasting his first bite of Expedition Aubergine Stew:
"Is this stuff new on expedition?!" Mann

Pauly, 5 minutes & one plate later,

"Can I have some more of this aubergine stuff?" Mann

7/8/91 William, Gerhard = located Pozo Optimista 30/5, on far side of
Cabeza La Forma as seen from camp: 1/11





Entrance is halfway up fracture-controlled gully ~ 80m long on strike 020°, in a fairly even northward-facing slope. Bottom of gully is shalehole 20m long by 5m wide with path running up through it. Above this is open (20m) entr. shaft ~ 6m long 3m wide with inscription on the upper side (cut on the walls) of a boulder on the western brink. A rock bridge separates this from another shaft 4m long by 2m wide nearly blocked by a tree; then (still climbing along the gully) a small shalehole gives rise to a very shallow grassy band between boundary brinks. Top of ridge is 60m uphill from entrance shaft.

magnetic bearings:

from entrance

- Julagua 052°/±8°
- Llorosos 052°/±4° (32)
- hump 1 (see sketch) 037°/±2°
- hump 2: 359°/±0°

from top of ridge above entr.

- entr. 067°
- Julagua 159°
- P^{ca} Jorcada 223°
- Julagua 090°
- hump 1: 039°

~~Calibration~~

from Julagua (4th order station)

- Julagua 182°
- P^{ca} Jorcada 234°

ignore these

(±2° generally)

~~Use grid refs of Julagua, Julayn, P^{ca} Jorcada to work out coord's independent of magnetic north~~

~~all my copies of the coord lists are down at Base.~~

~~Will do this myself soon but~~

SEE ~~REVISION~~ OVER →

¹⁶
NB Optimista ought to have been numbered 31/5 not 30/5 in '82.
The '80 vintage 30/5 is in fact a few yards behind the kitchen tent!

7/8/91

As a result of a general clearing-up unsterminded by WJS & commented on by Dirk, Davel & Gerhard, we now have the new game of "which cover will next bang his or her head against the "suspended vegetation" (D.V.)?"
Previous High Score: D.L. (2), G.N. (1), W.J.S. (1), Pauline (1)

Blas has been asking for the usual deal of trozos de cuerda (bits & ends of worn rope) for himself y los pastores. Don't take candidate bits down to Base too quickly!

7/8/91 WJS & Gerhard - guide foray to area 11 again until stopped by thunderstorm. WJS descended on ladder without overcoat or lifeline by WJS & found choked at bottom level. Looks like choked former shaft but pebbles thrown in don't go any distance.

William "We'd better go back soon, it might start to rain" said so to the accompaniment of the first heavy drops..

→ cont'd from previous page: with compass properly calibrated,
P. Optimista sits at Grid Ref \downarrow \rightarrow (and is lower than Xitu: alt. 1637m at inscription by '88 triangulation)

E 63330	N 89960	A 1590m	($\pm 20m$)
---------	---------	---------	---------------

and the vantage point on the ridge SW of it

E 43295	N 89900	A ~1620m	($\pm 20m$)
---------	---------	----------	---------------

($\pm 10m$)

[G.N. 8/8/91]

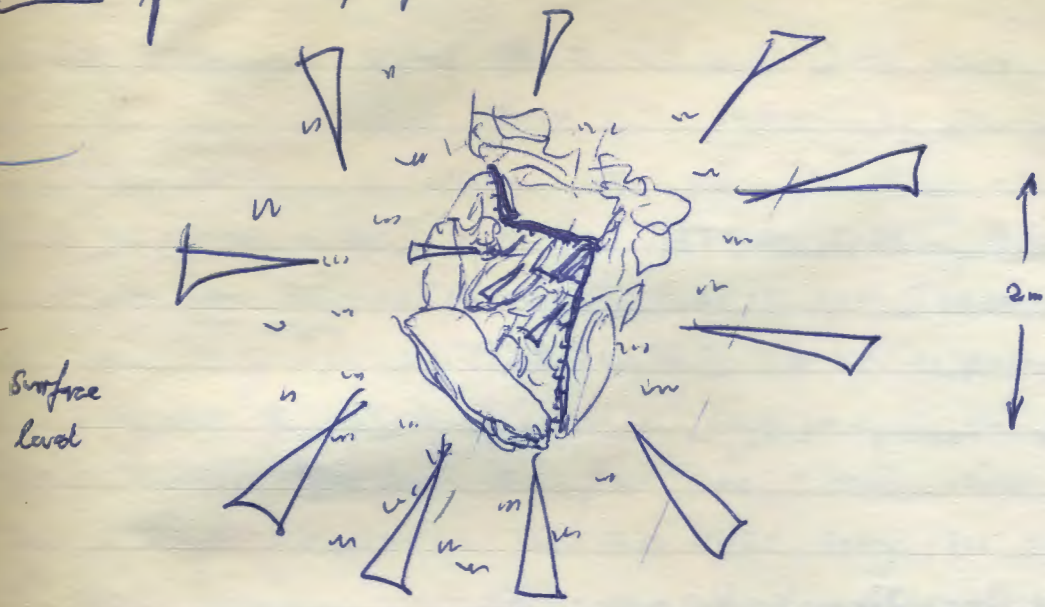
9/11/81

PH

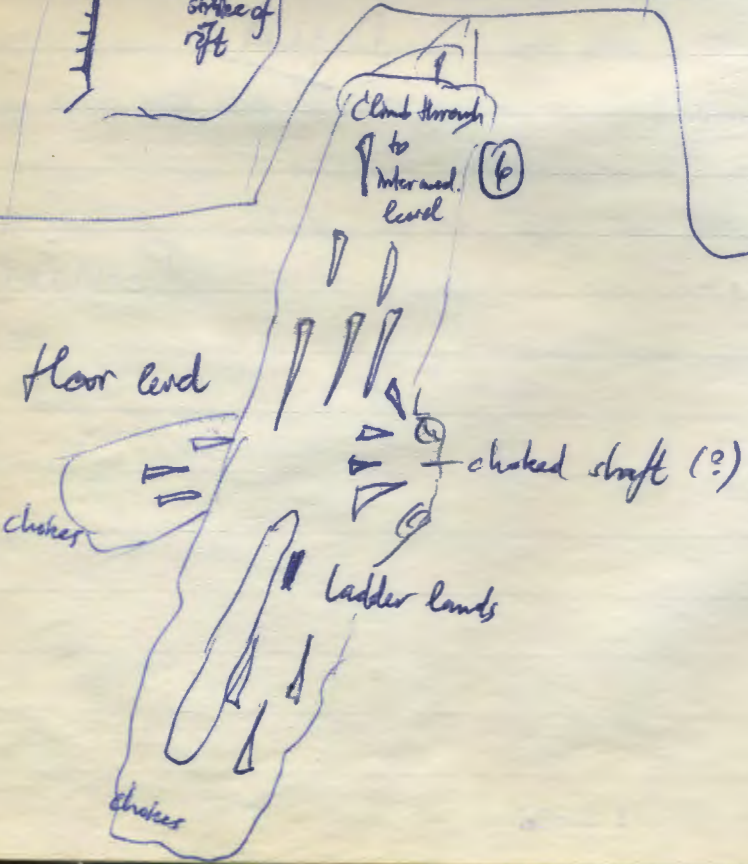
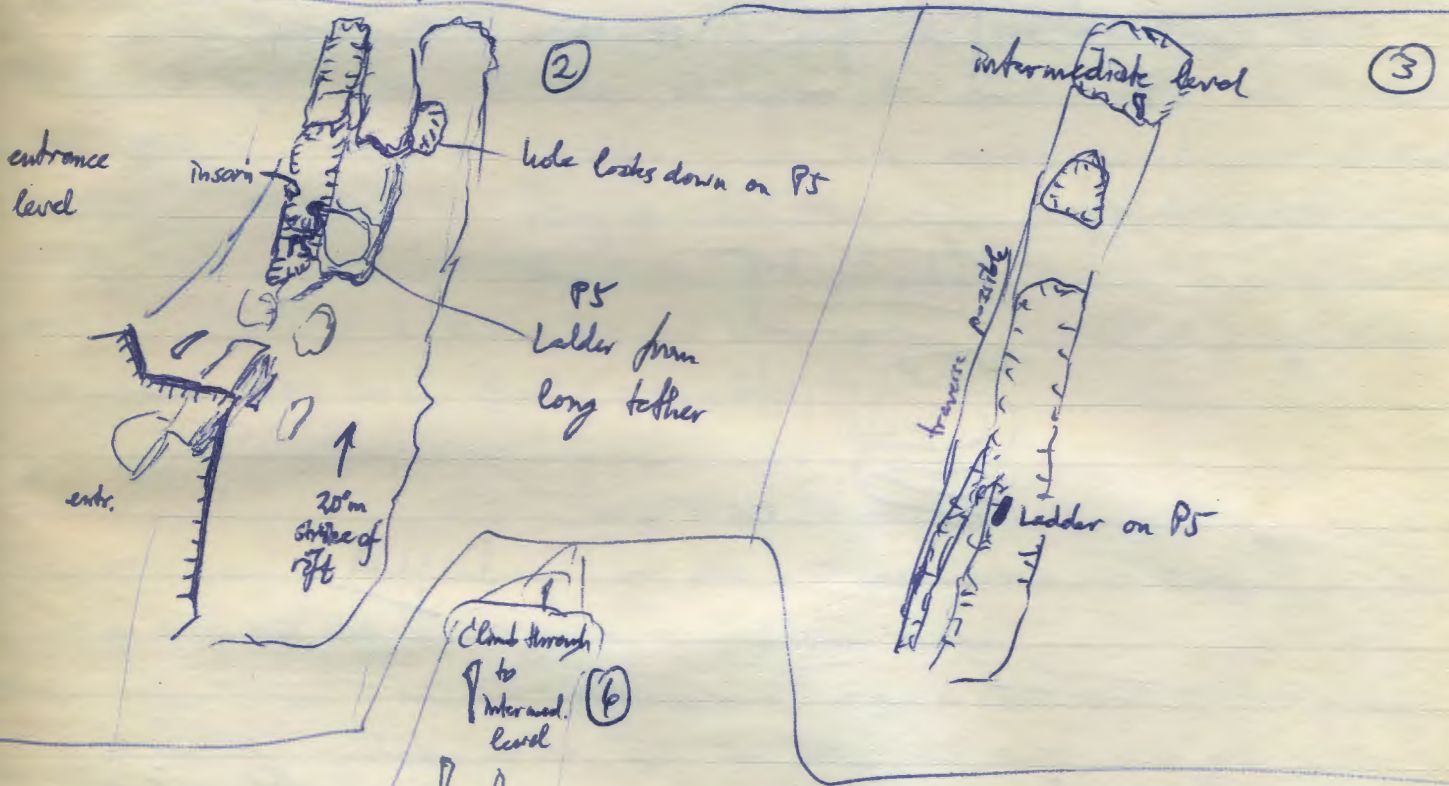
split plan Grade-1

117
①

7/8/91



path → shaft



7.8.91

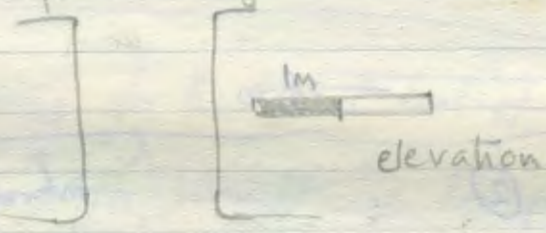
① Tony, Bernhard, David & who went & took some biscuits in Skull Cave.

② ALLRIGHT YOU MAGGOTY LOT, WHO HID THE USED CONDOM UNDERNEATH TWO GREENIES IN MY GENERATOR?

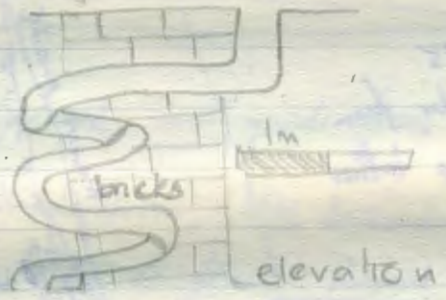
Who put their hairy bras in amongst my clothes?
W.

Skull Cave

The Eft before Tony's hammering:



After hammering:



David



Baa baa ...

Pamine.



Thursday 8 August Tony, Jeany, William, Urs & Dave Lacey
Skull Cave - Detackling & Surveying?

This morning the weather was cold, after raining all yesterday evening, so we got up late. Tony was keen, I managed to kick-start myself into going, Urs wrestled with her conscience & Jeany & Dave Lacey had their arms twisted. The scheme was that Tony, Jeany & I should survey & Urs & Dave Detackle. I had a rough time getting down the Eff. ~~on~~ My prussik bag caught on some stal & I couldn't see how to free it one-handed. Went down the final pitch - 40m climb over rocks. ~~The reason~~ when I thought I'd seen the last of the OVCC Heavy Tuss school of rigging. We duly started surveying, when Dave came down the pitch. He started sorting out the Spagetti at the bottom of the pitch (a 90m rope was used) After an hour's fuffing about, we'd just about surveyed the final pitch, declining Tony's offer to survey the rift at the bottom. At this point a road went past me from Tony's direction. This turned out to be the chiro Oh hugges, climb down & look for chiro, which was denied. After one more leg, the chiro proved to be hopelessly fogged, so we abandoned the survey & concentrated on detacking. Well, what is there to say? Prussiked up last pitch with the 90m rope strung out underneath. The Eff proved to be a little less trouble going out. Out at ca 8 pm. Urs felt worse for wear. Walked up Jalkyca & saw cloud. Tony has a Squalid taste in Caves.

William

P.S. Skull is really a very sweet place and well worth a visit. Everyone should go there and push it and survey it. William [honest]

P.P.S Dave Thornaghan says that it is imperative to get to know all of the 2/7 system. He also has nightmares of the Eff. If Skull cave should prove to be part of the 2/7 system...

If 2466/5 is 10, 2/7 is 12/5 is to xitu, this makes Skull cave take the place of 3/5. How appropriate,

I have read (here the atomic bomb dropped)

AXEL-TAVE equation: $F(X, Y) = \sum_0^n a_k X^k Y^{n-k}$ $a_0 = 1$
 $a_k \in \mathbb{Z}$

$$F(X, Y) = m \in \mathbb{Z}$$

Solutions

$$(x, y) \in \mathbb{Z} \times \mathbb{Z}$$

$F(X, 1) = 0$ has ≥ 3 distinct roots in \mathbb{C}

ξ, ξ', ξ'' three of these

$$F(X, Y) = \text{Norm}(X - \xi Y)$$

$$0 = \underbrace{(X - \xi Y)}_{\text{alg. int. of norm } m} \underbrace{(\xi' - \xi'')}_{\text{alg. int.}} + (X - \xi' Y)(\xi'' - \xi) + (X - \xi'' Y)(\xi - \xi')$$

$$0 = u_1(a_1) + u_2(a_2) + u_3(a_3)$$

$$\mathbb{Z}[\xi, \xi', \xi''] \left[\frac{1}{(\xi - \xi')(\xi - \xi'')(\xi' - \xi'')} \right]$$

$$X^3 - TX^2Y - (T+3)XY^2 - Y^3 = 1$$

$$T \in \mathbb{Z}$$

$$T \geq -1$$

has only the obvious solutions $(1, 0), (0, -1), (-1, 1)$

if $T \neq -1, 0, 2$

(B. THOMPSON, M. MIGNOTTE, 1988)

$\xi, \xi' = \frac{1}{2+3}, -1 - \frac{1}{\xi}$ the three roots of $X^3 - TX^2 - (T+3)X - 1$

units to be considered are $\xi^a \xi'^b, a, b \in \mathbb{Z}$

$$\beta = \frac{\ln 5}{\ln(1+1/5)}$$

would be ridiculously well approximated
by a rational if there were a nontrivial sol'n.

121

After that brief and stimulating interlude ^[intended only for bird's eyes] we must
return to the main story...

Last Detackling trip - 9/8/91

Those present: Dave B, Tony, Jenny, Ewald, Dirk, AQB,
Dave L, David.

In 12 hours or so we Paellaed the rope from Ascension
Pot to the surface and detackled the cave.

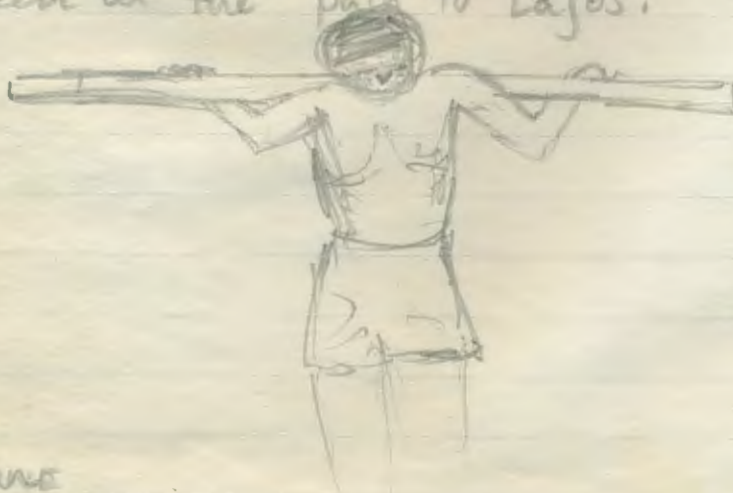
We learnt that

- ① You must pack Daleswear Tacklebags very carefully
if you want to get them out.
- ② Tacklebags & paella don't mix, and it is better to remove
the bags ~~to~~ from the cave beforehand
- ③ 8 is really the minimum number for a good paella.

David

11/8/91

Seen on the path to Lagos:



p.s. Don't worry Gavin,
you don't actually look like
this, it's just I can't draw people.
David

GAVIN LOWE

UK. AC. - OXFORD. PRG. GAVIN. LOWE - ATONING FOR THE SINS OF THE EXPEDITION.

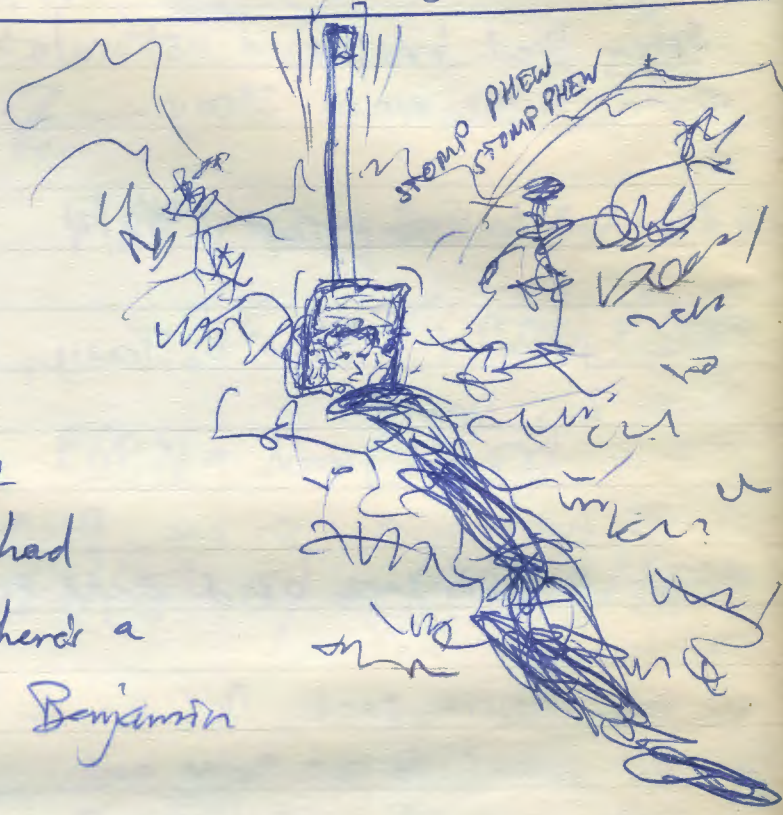
(22) Dirk "There must be some explanation for all my muscles
aching" Vertigo

Negation emb(i)ed: "I haven't not decided not to go down"

Seen also on the path to Lagos:

The David Franklin
Walking Lightning Rod

(Note freshly washed and
combed hair — not in perfect
state, after Somebody Else had
broken his hairbrush) "If there's a
thunderstorm, I'll be killed" Benjamin
Monsieghan



STOP PRESS STOP PRESS STOP PRESS STOP PRESS

New cave discovered on Jutzga.

Location: Walk to 2/2 then continue up to the ridge top
- entrance is obvious

Name: Pozu del ' 30m above 2/7' or 0/7

Description: Entrance scramble down a 3m climb, walk across short boulder slope, climb up 2m climb to ledge.
This ledge has a window into an enormous chamber.
The roof is very high indeed and can't be seen.
The far wall is about 12 miles away, and there is a 14 second drop to the floor of the chamber.

This must be pushed next year.

124
end

64/5 Page 15

66/5 79 + 84 + 84. (92) 97. III
Descript.

Area 5 ←

65/5 Pages 17 + 20. + 21

Area 4 some Page 55 + 61. + 67 → 69 + 108-9
Hayn's 116 (2)

Area 11 Page 59 + 74 → 77 (1/11 or was 30/5 - optomisto 114)
+ 116

Area 10 Pg 60 + 63 → 66 69 Page 71 (Names) etc.

Holes noted from other side of Gorge.

Area 7 Page 97 → 98. 0/7 Pg 123

~~Area 7~~

To get Matteredhorn

Follow tree past junct i Jultp.
+ 300m before to Puerta del Key to (R)
+ fairly visible - Small rock
40cm high

It's on top of big rock + is well
described

Yes it's 'A' Cave WHERE THE FUCK IS IT
W. Hayn or Llambra?
Pg 71 Pg 108/9
10/10 descript Pg 70 the same prob