



"THE SECRET OF GETTING
AHEAD IS GETTING STARTED."

Mark Twain

ARIO 2023 CAVES.

- C4 • (TORCA DEL REGALON) • UTM 30N 342574 4788050
- 27/9 • (BILL'S CAVE) • UTM 30N 342982 4788514
- 53/5 • (RANA) • UTM 30N 344621 478872
- 6/8 • (BLACKFEATHER) • UTM 30N 343088 4788783

OBJECTIVES

"START BY DOING WHAT'S NECESSARY, THEN DO WHAT'S POSSIBLE AND SUDDENLY YOU ARE DOING THE IMPOSSIBLE."

St Francis of Assisi

Find some cave

In case of a callout:

- Assuming enough experienced people at camp, go to find them and determine what has happened
- If not enough experience, phone Sandy (Andrew) Wright (details in pink Emergency Info folder) to ask advice.
 - ↳ If unable to contact Sandy, call Mike Bottomley or Steph Dwyer (+447794 265202, +447816 609423)

A

In case of emergency/accident/injury:

- Assuming enough experienced people at camp and incident can be handled, sort internally (1st aid kit in Daren duon in gear tent)
- If not enough experience, as above
- Emergency info folder has medical details, insurance details and instructions for what to do in case of needing to call local rescue.

NEVER GIVE UP

27/06 Plan

24

Route marking
Entrance rigging
Camp set-up,

Rich
Rita P
Vicki
Shane

Jackets x 3
Sleeping bags x 3
Air-beds x 3
Stove, gas, pan etc. ^{lighters}
Entrance rope (100m)
Tape & cards & mailons
Emergency kit!
tenting?

27/09

Route marking
Entrance rigging
Rigging, stuff (not rope)

<u>Parrell shay</u>	<u>Brian</u>	On ice 2
<u>Steve</u>	<u>Mark</u>	Rope
<u>Reflexion</u>	<u>Rosie</u>	Metalwork
<u>Olle</u>	<u>Vic</u>	Emergency kit
<u>Phil</u>	<u>Phil</u>	ice cream & baking

53/5

Surveying
Mark route

Cocky
Gris
Paulina B

Survey kit
Flagging tape?
Emergency kit
2 short ropes
1x screwgate, 8? mailons

LOS Lamps

Martin (back sack - stove)

Left at 53/5 on 27/6
At entrance
~ 20m rope, 2 short slings,
6 mailons, 2 starlock hangers,
2 screwgates, 1000s
Group first aid kit
Rigged on the rock at pitch

27/06/23 - Bigger Boyer last visitors

- Sleeping bag, mat, insulated jacket x 3
- Stove x 2
- Gas x 3 - 450g, 240g, 240g
- Lighters x 4
- Hot drink (coffee x 17)
- Emergency / first aid kit x 1
- Note book x 1 Pen, 13

~ 20m rope, 2 mailons,
1 deviation screwgate
(BETTER IF SNATCHATE)
+ left in situ at pitch
2 old hangers
1 long deviation sling

1. Show walk each way down
to h at cave.

27/6/23 - C4 Camp inventory

- 5x Toilet roll
- 1x biodegradable ~~bag~~ poo bags
- 2x hand gel
- 1x reel of string
- 1x 450g gas
- 2x 240g gas
- 2x 220g gas full
- 3x 220g gas part full
- 5x 200g bags of nuts
- 2x packets of tea bags
- ~~10x~~ 15 Coffee Sachets
- 2x Stove (1 big, 1 small)
- 1x Pan Set.
- 1x Emergency box
- 1x first aid kit
- 10x tea lights.
- 4x lighters
- 10x Hangers - AT ENTRANCE
- 1x IL of petrol + Pump for MSR Stove.

27/6/23 - Paulina P, Jean-Luc, Viki, Rich, Shane, Bartek

Went to Camp to drop of some gear (full inventory above)
cleared some rubbish, had a watery brew and headed
back out again, also finished marking path to C4 ;

27/06

27/9

Kit left at Darkness My Old Friend:

- 7 maillons
- 3 stainless throughbolts + hangers
- 1 8mm drill bit
- 1 bolting
- 1 emergency kit
- 1 disto
- 1 waterproof notepad
- 1 pencil

(Renken)

Kit left down next pitch

- 2 drill batteries (1 part used)
- 1 drill
- 1 drill bit
- 1 bolting hammer
- 1 tackle sack + crab (Rosie's!)
- Approx. 20m of rope
- 6 through bolts, 6 maillons, 6 hangers

Pitch now known as
"Coffee pot"
→ It keeps on going.

Pitch goes down from
Y-hang after traverse line
up along muddy slope.
There is a tape deviation of
(stainless) a natural. Ends on
ledge (at present)
with rift (big!) below

To do:

- Tie Foot Hang rope to extra bolt (hanger in place) at start of Anio Reality
(needs a tiny length of rope - 1m ish) ✓ DONE 28/6
temporary
- Denig Sound of Silence and reverse rope, replacing the webbing currently acting
as a traverse line.
- Survey starts from cairn and X next to disto

22/06 plan

Ranu capping venture

Pete
Martin
Viki
Banteh
Mark

Aid climbing training

Rida
Paulina P
Jenn Lee
Rocky
Fiona
Rosie
Shane

27/9 a

27/9 b

Rest

Ollie?
Phil?

Fleur
Becka

Paulina B
Shane

← Reuben? →

27/06/23

27/9

Fiona, Ollie, Phil

Headed to explore the foot hang parallel shaft. After several hours was found to be a convoluted route to bottom of the other foot hang side. Another horizontal passage heads off ~ 10m from the top of the parallel shaft. A few bolts placed but soon ran out. A return here needed.

kit left at foot hang:

x1 yellow backpack + crab

~30m of rope

Hammer x1

drill + one battery

x6 mailons

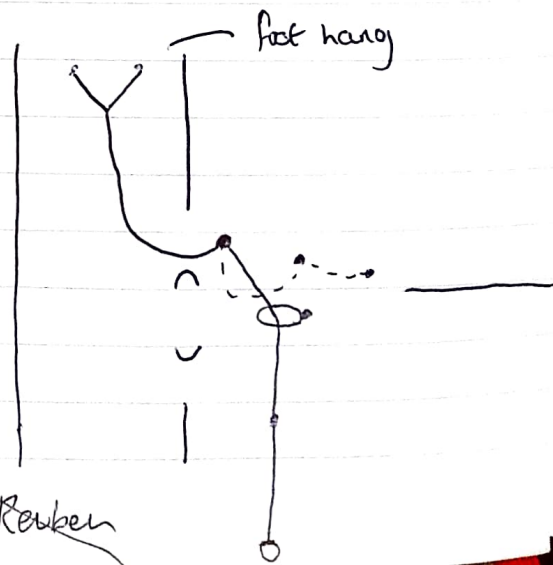
x2 drill bits

x2 tape slings

x13 mm spanner - personal

first aid kit - personal

~~Becka, Mark, Fleur, Banteh, Paulina B, Shane, Reuben~~



27/06/2023 53/5 Becker, Paulina, Rocky.

We headed to survey (mostly) the entrance part of 53/5. We surveyed the part before coffin lids before we exited the cave to take tackle bags and to warm up. Then, we went for coffin lid where Becker and Rocky entered and Paulina waited outside. We surveyed the part before the first pitch and a tiny part down the pitch. However, we headed back soon as we ran out of time. T/U ~ 5h

We left at the cave entrance: (first page of logbook)

28/6/23 27/9 Flew, Becker T/U 5/5h

Checked out the trip - ^{the} capped section was Rne but we found it intimidating remaining SRT kit at the start of the ~~Dino~~ ^{Reality} ~~Reams~~ rift - and high potential for dropping critical items down. The rift seemed to last forever on the way in but was surprisingly swift (phew!) on the return.

Disconcertingly, we could hear Alice + Phil moving the whole time we were in the rift + I was pretty sure they were following us + we'd we stuck trying to pass each other. We left a "cave pearls - cave!" note + checked the head of the next pitch then exited a bit more smoothly than on the way in but adding numerous holes to our overworld [but in fact they were quite far away the whole time, in the parallel rift]

28/6/23, 27/9, 20/12, 2/PhA

2/PhA

29/06 plan

Rana (53/5) survey

Pete
Rocky
Mark?
Becky
Shane D.

C4 - kit to sanctuary, +1 camping to Eoghan Beghan

+ camping

Bartek

Paulina B

Ollie

Reuben

Shane 2/4 pictures pulls out

Cos Lagos

Jean Luc
Paulina P
Rosie
Viki

Leisurely, something

Fleur

Phil

Fiona

Martin?

Aileen

Eoghan

1/7 plan

Home

~~Bartek~~
Paulina

Chilling

Ollie

✓ Reuben

✓ Vicky (capping lesson)

✓ Paulina

✓ Phil

1/7 plan

~~BF = Bartek/8~~

~~Rocky~~
~~Martin?~~

~~Shane~~

~~Eoghan~~

~~Reuben~~

Continue 53/5/BF

53/5 Capping (dnc)

Martin?

Pete

Fleur?

Aileen?

Chris C, Jess, Aileen, Eoghan, Shane, Rich, Martin, (4) 27/9

~~27/9~~ 27/9 53/5

Rosie
Becky
Eoghan

~~27/9~~ 53/5 { Chris
Jess
Survey

BF? { Shane
Phil
Reuben.
Fiona -
Bartek
Rocky

① BF ② 53/5
③ 53/5 survey
④ 27/9

30/06 plan

C4 climbing

Rich

Mark

Jean-Luc

Pauline

Rana + Rana or Rana + Other

Jess

Chris

Foghan

Viki

Rosie

Becky

Black Feather

Bill's Cave Pushing / Suncy

Fleur,

Aileen,

Phil,

Fiona.

In place: 9 Thru bolt, h+m
20m rope.

Drill, batterer, bit,
hammer,
Suncy kit

To take: ~~spare drill bit?~~

6 more bolts, h+m

spare battery

rope-how long?

Spare pencil.

A few krabs.

Rigging tape.

Break

Rocky

Decide AM

Shane

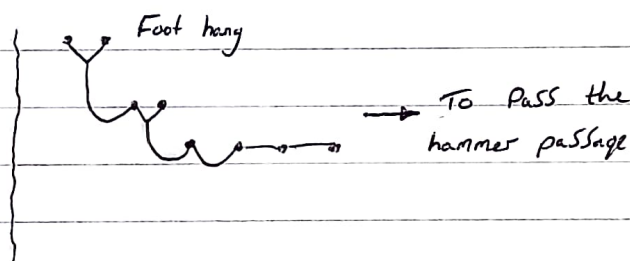
Pete

Pete, Rosie, Fleur, Rocky, Martin, Becky

28/6/23 , 27/9 , Ollie , Phil

7 hr

Returned to Foot hang , Spotted a rift to the left , Bolted across with 2 rebelayS and a traverse line to gain access to the rift , 2 wide ledges above the rift quickly became too tight (10m in) Various different levels in the rift were tried until we reached a corner that continued but with a troublesome rock blocking the way on , Pass the hammer passage was born , as we set to with the drill and hammer , 30 minutes later we were through , up ahead we reached a calcite blockage with a tight Squeeze , 10 m beyond this the passage became too tight to continue.



28/6/23 , 45/9 , JL, PaulinaP, Rocky, Reuben, Rosie , 2hr

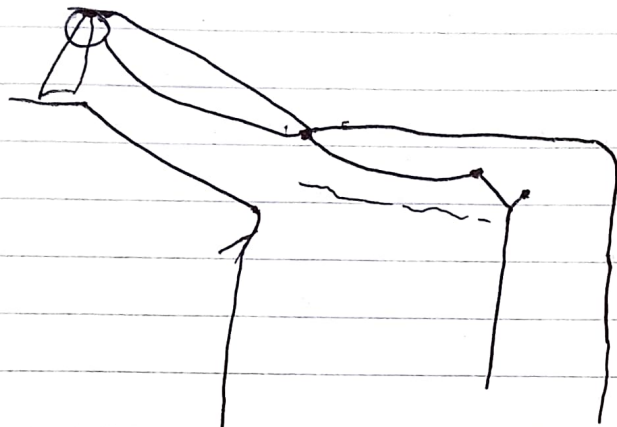
Short bushy trip to large (5m x 2m) entrance en-route to C4, by a large orange tipped boulder. Entrance contains a large jammed block. Rope was belayed to the large jammed boulder, then rebelayed to the roof. A traverse follows around the right side of the Start. From here a 7-bunny drops 4-5m to a rubble floored chamber. Down slope leads to a choke in water worn passage. A strongly drooping hole (0.75m x 0.5m) is found next to the landing of the pitch. This was a 2m crawl to a 1m drop to a grotto of fossil calcite. Doubling back under the crawl leads to a short Squeeze / Climb down. Climb down into chamber, very small squeeze on far side leads to a climb down in another boulder chamber.

Floor seems to choke in both directions, strong draft in one direction. There is another squeeze in this direction, not pushed, although it seems to choke at floor, there is a space above that may go which is not accessible at any other level.

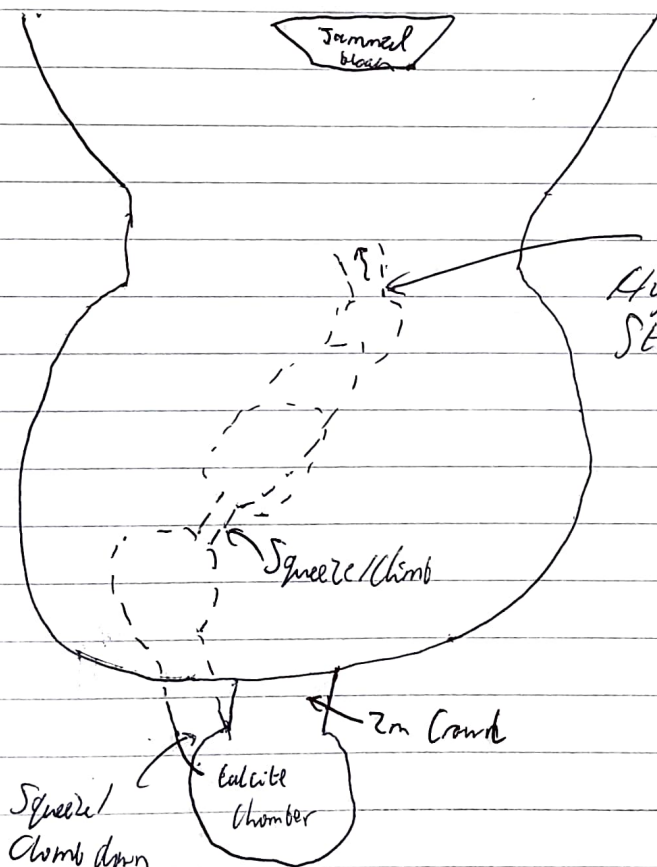
• Nuts + washers left on bolts when denegging

Section

Plan of 45/9, JLU, Rm, 28/6/23



Plan of 45/9, JLU, Rm, 28/6/23



Blocked out lower level,
Higher level may continue,
Strong draught. Draft.

29/06 C4 kit to take

- | | | |
|---|-------|------------------------------|
| - Extra sleeping bag, airbed + jacket | ✓ | <u>Personal</u> |
| - Breakfasts x 8 | ✓ | |
| - Dinners x 8 (main + custard) | ✓ | |
| - Snacks | (own) | |
| - Bothy | ✓ | |
| - Brew kit (small pan set, stoves x 2, gas x 2, lighters) | ✓ | |
| - Soup; coffee etc. (noodles) | ✓ | |
| - Water bottles? | (own) | |
| * - 8mm nuts (at entrance) | (✓) | |
| * - Pliers? | ✓ | |
| * - Etriers. | (1) | - Thermal |
| - Poo drum. | ✓ | - Bowl, mug, spoon |
| | | - Hat / balaclava |
| | | - Backup lights + batteries? |
| | | - Contacts, radio etc. |
| * - Drills x 2 | ✓ | |
| - 4 batteries (if high capacity) | ✓ | |
| - 12 stainless hangers + through bolts | ✓ | |
| - 12 Carabiners, quickdraws(?) | | |
| * - Rope (from buggar boghar) | (✓) | |
| * - 30 (+?) mild steel through bolts | ✓ | |
| * - 20 hangers | ✓ | |
| - bags for kit | ✓ | |
| * - Drill bits x 4 | ✓ | |
| * - 2 bolting hammers | (1) | |
| - Disto + book + 4 pencils | ✓ | |
| * - 15 mailbags | ✓ | |
| * - tape | ✓ | |
| - 6 mm cord. | — | |
| - Relay devices | (1) | |

Bolting hammer

29/06/23 Flew, Fiona, Phil, Aileen, Eoghan

"Team Huesudy Something"

We wandered through mist to entrance Bill's cave (27/9) to 1) show route to new arrivals and 2) for Fiona to collect some carrying gear.

Plan was a spot of shaft bashing on return.

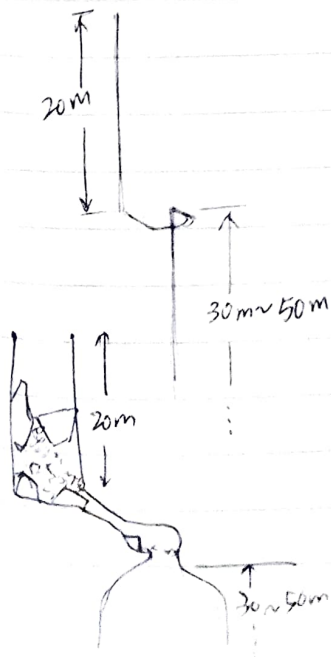
Brief look in entrance to 10/9 looks interesting but needs full rigging to ascertain potential + may well require capping if shaft bashing guide is correct.

Next stop 6/8 Allegedly last visited >30yrs ago with 20m shaft to snow plug.

As descending from 27/9, The entrance is on left side of broad hollow. The main hollow has several shakerholes that all choke and no ^{draught} ~~draft~~ discernable. 6/8 is on steep side of hollow. Fiona descended on 'expedition rig' :-

→ BLACK FEATHER = 6/8

Fiona :- Snow plug in the bottom has melted away, revealing a passage on the left (very short, only ~2m long), leading to an opening just as small as the 6/8 opening on the surface (or maybe a bit smaller). Below is a deep pitch possibly ~~at~~ between 30m ~ 50m deep. I measured it by throwing down a rock and it took ~3 seconds for it to hit the bottom. ($\frac{1}{2}gt^2 \approx 4.9 \times 3^2 \approx 45m$). I did not descend the second pitch because we didn't have enough rope. It's worth taking ~~another~~ another look, and do some proper bolting.



29/06/23

53/5 Survey

Becka, Shane, Jess, Chris, Rocky, Pete

Group 1: Becka, Shane, Rocky: Survey the old route. We descended down the pitch after the now enlarged coffin lid and followed the old route. The route leads to a narrow but high passage. We first surveyed the first layer, which ended shortly. Climbing down at the end, we arrived at a three way junction, where we explored and surveyed each one. The last one ended at a massive pitch, which is rigged with ropes/millions from 90s. The survey trip stopped there, with about 20-30 lays recorded.

Group 2: Chris & Jess: Bolted the handline climb at the start of the new route as a pitch with rebelay at large ledge and traverse line at top to natural thread.

28/06/23 53/5 Mark, Bartech, Paulina, Martin, Viki

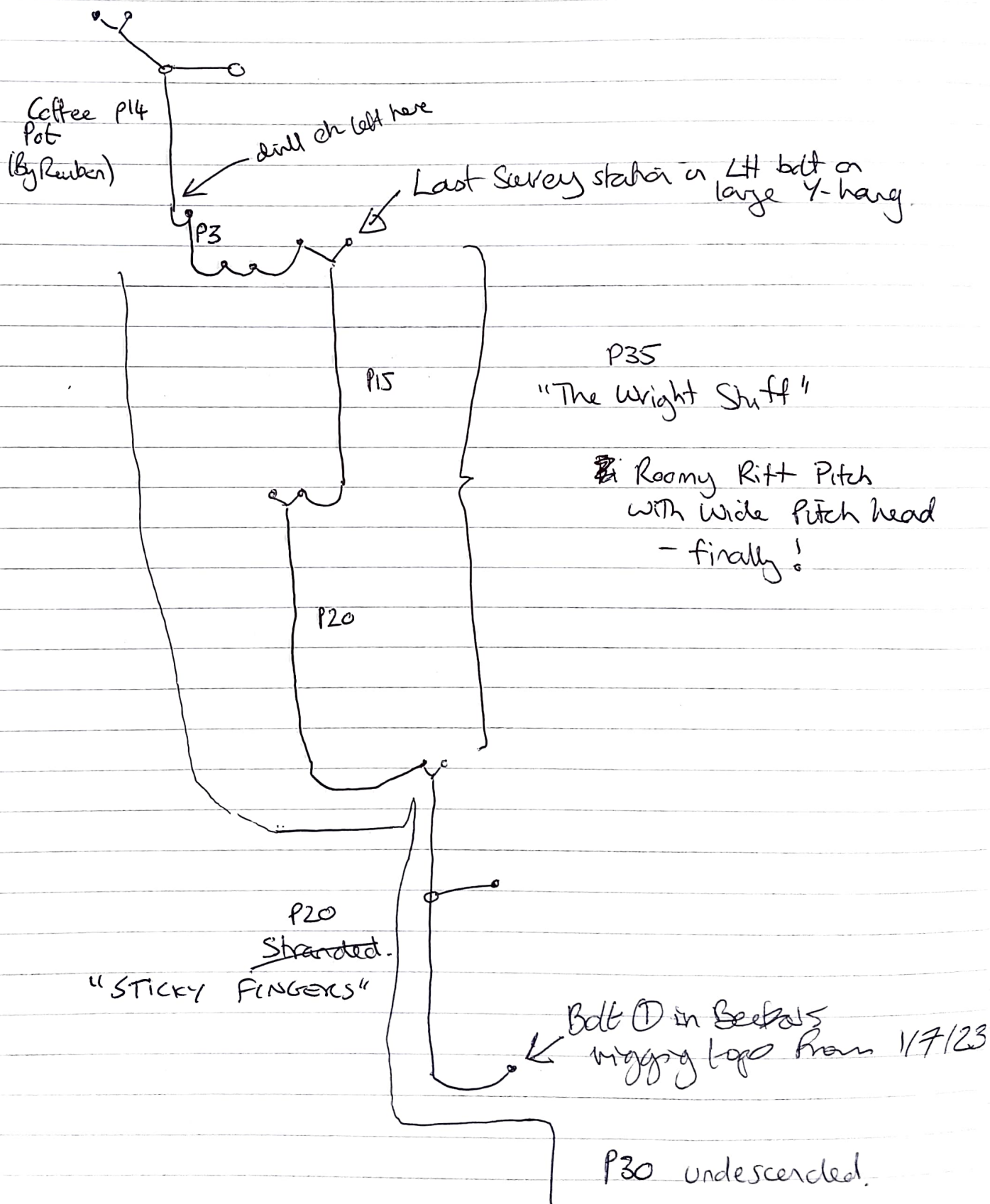
Capped the coffin lid and the boulder immediately after it.
Survived from Pleodactyl pitch to Silence of the sheep and
* Some of the passage after, turning around after a
wet climb just after sandy ledges.

30/06/23 Shaftbashing Pete.

Looked for entrances on the steep hill behind 53/5. Started at the top,
where the Trear Path has a sharp zigzag + descent. Walked to top of
jutting prom, then descended steep grass and crags to arrive
close to 53/5. No significant entrances found in this part of Area 5.

30 June 2023 Bill's cave (27/9)

Fleur, Phil, Arleen, Fiona.



Gear left at base "Darkness My Old Friend"

- bathy
- first aid kit

Gear left at base coffee pot (in tackle bag)

- Drill
- One full battery
- 2 drill bits
- 3 Thru' bolts, hangers + maulens
- 7 hangers → (~~1 thru' 1 maulen~~) maulens.
- 2 screw gate krabs 2 screw gates
- 2 snap link krabs 1 snaplink
- a length of tape

We travelled together to end of Ario Reality then Phil + I (Pleer) went on to the rigging front, leaving Aileen + Fiona to re-rig sand & silence and survey from Darkness My Old Friend.

I abbed down coffee pot, sorted the rigging gear + set off. One bolt took me ~3m down to head of pitch in a wide rift. Entertaining time rigging excessively wide Y-hang. Got a free hang to the 'floor' but rope would not reach so rebelayed in narrowing ~15m down.

Tied a new 58m rope and descended to the floor.

Felt mentally cracked at this point, so called Phil down to rig the next pitch. This was best done from off the floor so I went back up to the rebelay. Phil Rigged another pitch of about 20m to arrive at 30m pitch undershot.
→ Note Phil's pitch needs more slat at rebelay.

Out for late dinner at Refugio + cridgerhen all night.

30/5

S3/5 (RAWA) SURVEY

TEAM: EOGHAN, JESS & CHRIS

ASCENDED NEWLY BOLTED UP-PITCH AND PROCEEDED ALONG NEW ROUTE TO MARK'S SNOOPY-LOOPED FINAL SURVEY STATION CAIRN. SURVEYED FROM THERE ONWARDS UPSTREAM IN A DEEP & HIGH RIFT, UP SEVERAL CLIMBS LEADING INTO A HIGHLY DECORATED CHAMBER, WE BELIEVE THIS TO BE AROUND MARK & SANDY'S PREVIOUS LIMIT OF EXPLORATION, MATCHING A PHOTO OF THEM THERE. FROM THIS CHAMBER WE CLIMBED + SURVEYED UP A FURTHER LEVEL, YET AGAIN HIGHLY DECORATED. THIS LED BOTH WAYS, DOWNSTREAM CONNECTING TO A DRAGGITY INLET RIFT, LEFT OPEN AND UNSURVEYED FROM STATION 35 (LABELLED). UPSTREAM CONTINUED IN BIG RIFT WITH HANDLINE TRAVERSE AT CUE SECTION, TO A CLIMB UP, LEFT OPEN AND UNSURVEYED FROM STATION 31, KIND OF MARKED WITH A CAIRN.

30/05/23

6/8 (Black feather) Bolting

Becker, Rosie, Viki, Martin

Bolted a Y-hang at the surface for the entrance pitch landing on a very loose boulder floor. A short climb down (traverse line rigged) led leads to wedged boulders overlooking the second pitch. A lot of fagg and one failed through bolt later it was decided that this was not a good place to ~~have the~~ rig / descend. After some gardening, a short crawl was revealed leading to a ~~f~~ rishty passage (again with a false boulder floor. This lead to a much better pitch, ~~lead~~ dropping straight into the bottom of a large chamber. On one side was a boulder choke which didn't look promising but wasn't pushed, and on the other, at the top of a very loose boulder slope lead to a series of upward climbs. (Not quite free-climbable). Anyone visiting should be Aware: the bolt immediately before the crawl is NOT SET and should not be trusted.

PLANNING.

2 JULY.

C4: PHIL.

TO ~~STAN BUS(?)~~

BB Steve Big

~~RONALD~~

~~ROCKY~~ Rocky

PASS ME THE HAMMER

27/9: ~~OLIE~~ Survey + detacke.

OLIE

STEVE MUM. (?)

VICKY.

Shane

BOTTOMING (TBC):

24/9: Aileen

BOTTOM FLEUR

~~REUBEN~~ Reuben

53/5 ~~CAPTAIN~~ / review.

PETE.

MARK.

~~ARMY~~ ROSE.

"Resting"

~~Jean Luc~~

~~Paulina~~

Rich

Decide Am

~~Mark~~

~~Rocky~~

NOT CAUING

CHRIS ^{WILL TAKE}
Rope up.

Jess

PETE

TBC

(GOGHAN)

→ (BeKA)

→ (Rosie)

MARK.

(RICH)

PAULINA

~~JEAN Luc.~~

Reuben

~~Rocky~~

~~SHANE~~

(Fiona)

→ Graham

Martha

Prospect

Goghan

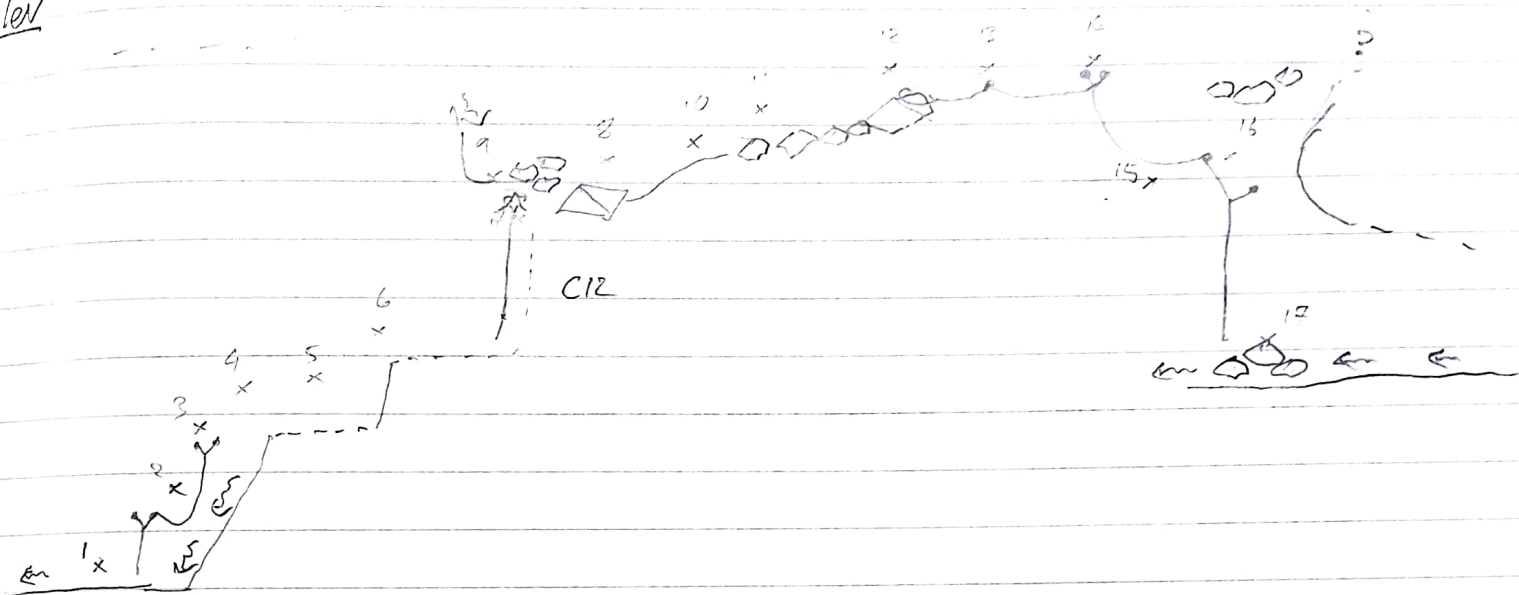
Martin

Jean Luc

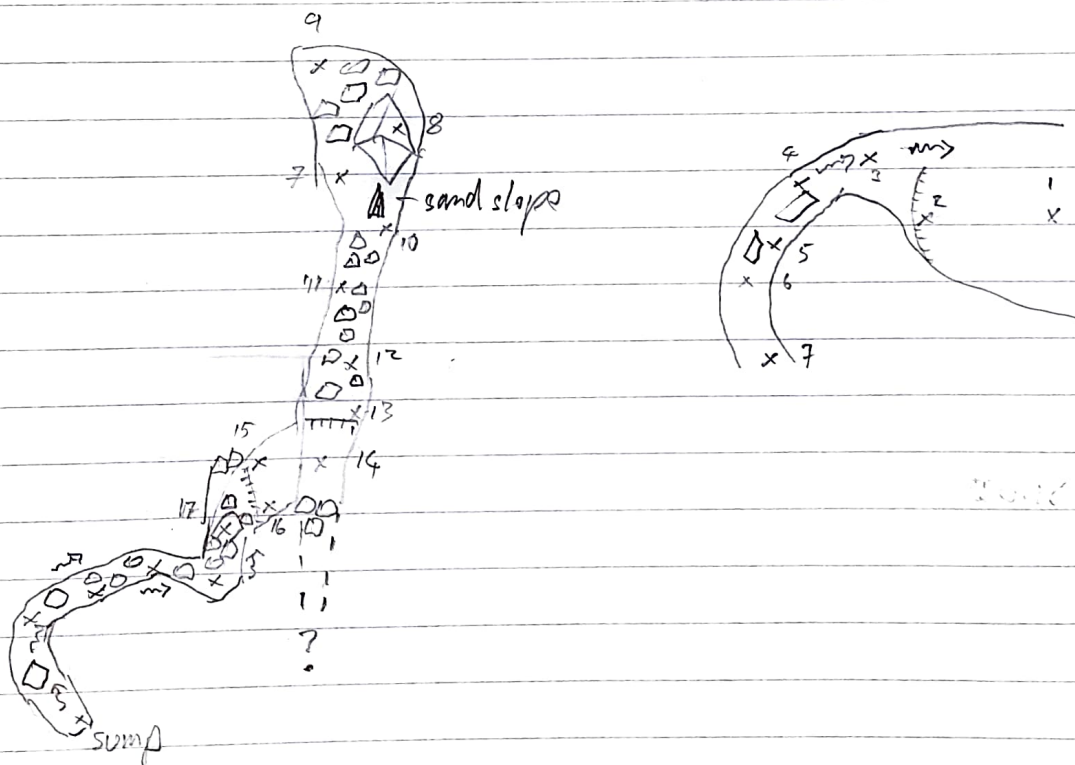
Pauline

C4 upstream (LH branched)

Elev



Plan



01/07/23

Kit at Sanctuary:

- Brew kit, battery, gas, stoves
- Bin bag of gas (~6?)
- Tent (huge)
- Poles (big)
- Dry bag of misc. stuff (food, gaffer tape, loo roll, hand sanitiser) - large tackle sack worth.
- Empty AV bag
- Empty Petrol bag
- Bundle of roll mats

Also 1 bag at top of pitch up to Sanctuary

Bugger Bogner Inventory

Food

- 4x Thai green Curry
- 1x Italian Inspired Meal
- 3x Mug Shat
- 6x Cup a Soup
- 1x Minestrone Soup (makes 1L)
- 1x Thai Soup (makes 1L)
- 2x Custard
- 2x Hazelnut packs
- 3x Almond Packs
- 3x Packs of many tea bags + some loose
- 6x Coffee
- 1x Biscuit Browns
- 2x Mars bars

other

- 1x stove
- 6x lighters
- 6x tacklesacks
- Gas (plenty)
- 1 litre petrol?

NEED

- ✓ Poo Pansen drum
- ✓ Poo bags?
- ✓ Tacklesacks?
- Gas?
- Salads?
- ✓ Breakfast?
- ✓ Desmophon
- ✓ Toilet roll?
- ✓ Buns/breads

6/8 Rauben, Shane, Fiona, Rocky, Bartek (for some time)

We went to 6/8 aka. Blackfeather cave with the intent of surveying and de-rigging. Bartek came along to help and do some photography before he walked down the hill.

- Notes
1. The salient points are that the cave is very loose and one should exercise due care for oneself and others.
 2. There is a crawl over a false floor above the bottom of the 2nd pitch. People moving over this crawl dislodge pebbles from the bottom of the false floor onto the bottom of the second pitch. For this reason I have some doubts about its overall stability. In numerous (every?) places, the walls are extremely friable and peeling off.
 3. There are two potential ways on: at the top of the second pitch, there is a significant draft coming from a hole opposite where the traverse comes in. This is possibly quite small and over more loose rock. Not really sure about the character of the passage. The second potential way on is at the bottom of the second pitch. A climb up over a loose slope leads to a rock climb of maybe 3 or 4 metres. This might be free-climbable, but given the state of the rock I think this would be inadvisable. ~~But~~ Trad gear would make it off - maybe? → Don't trust. However, on the opposite side of the climb holds to not break off. one can clearly hear water dripping into a pool. ← And it looks like there may be a parallel shaft here. The cave was derigged but may be worth revisiting, time permitting.

29/06/23 - 30/06/23 - C4 'the Sanctuary' - Bartec, Paulina, Ollie, Reuben.

Camping trip down C4 to the Sanctuary. Delivering drills, and climbing equipment and others to Sanctuary camp. Rigged the ladder pitch and climbed the waterfall to check the ropes; mostly good, left hand route diversion trashed so many alpinists put in to warn off. Very wet returning down waterfall, noticeably wetter than going up - about an hour time difference. Long prussik to Big Buggar Bogner camp for some welcome food, warmth and rest - 4 am. Another long prussik to surface next morning.

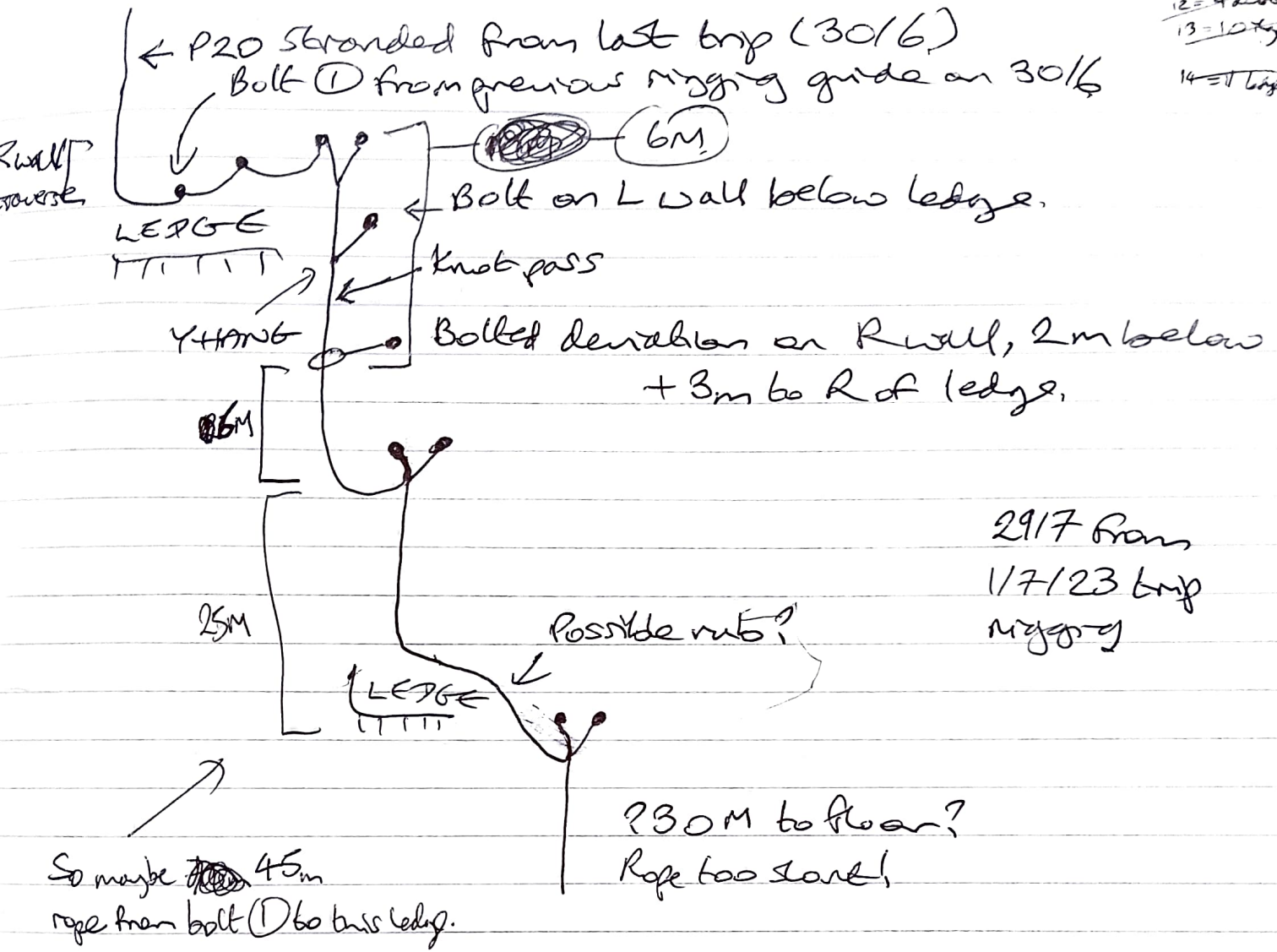
01/07/23 - Martin, Ollie, Vickie, Phil - 33/4 shaft bashing.

An hour walk over to 31/4 to an impressive, large entrance. Strongly drooping but no way on found, all ways on close down but large chamber. Then walked up to North ridge in search of 33/4, an undescended shaft. No luck found in locating despite searching for ~30 mins. Did walk past 3/4 in searching for it but did not explore - though possibly a return worthwhile.

1/7/23 - Becka, Rosie, Eoghan - 29/7 - Pushing + surveying end

Almost a 12 hour trip, 2.5 hours to pushing front, 5 hours back out. We started surveying from 2022 cairn as I couldn't remember where the 30/6 trip had ended (they hadn't had tippex to mark it). Eoghan + I surveyed down to Rosie who rigged a traverse using a short rope that I'd cut off the base of an earlier pitch + then she started on the 50m/60m rope we'd brought in until she was left dangling at least 10m above the floor of a huge rift. Steady log out with Rosie doing the Amb Reality both directions with her SRT Kit on, her personal bag + Eoghan's tacklebag with his SRT Kit + rigging kit. Impressive! She did drop the bag 3/4 through our return of Amb Reality but, SRT Kit removed, she saved the situation + Risted it out of a skinny Reserve. Darkness My Old Friend - rope caught on sharp rock just under Hov - (G)

4 = 8 mls
 12 = 4 mls
 13 = 10 mls
 14 = 11 mls



2/7/23 - Belia, Martin, Jean-luc, Paulina
 prospecting in areas E and F

We had a mellow bundle up to the snow job + the old Top
 Camp area, checking out existing holes + finding a few new
 interesting possibilities.

Way from rope to rubbing
 maybe old deviation at
 top so can't move rope
 from bottom?

1ST/
7

S3/S (RANA) SURVEY

TEAM: JESS & CHRIS

INSTALLED HANDLINE ON CLIMB AFTER BOLTED TRAVERSE, AND
INSTALLED NEW 8mm TRAVERSE HANDLINE ON NEW RIFT
UPSTREAM FROM AHH LEVEL. THEN STARTED SURVEY FROM
YESTERDAY'S STATION 35, INITIALLY HIGH LEVEL DOWNSTREAM THEN UP IN

02/07/23 - 27/9 Survey of parallel shaft + Pass the hammer
- Steve, Vicki, Shame, Olue

Team headed to parallel shaft off of the foot hang. Surveyed "pass the hammer"
passage and the rest. Derrigged and stashed ~ ~~100~~⁵⁰ m rope at top of foot
hang + one balesack + crab.

2023-07-02:

C4, Team: Steven, Fiona, Phil, Rocky.

Steven, Phil, and Fiona went down to the camp
Bugger Bogoor to carry 140 m of ropes out of the
cave with 2 bags, while Rocky enjoyed his long SRT
trip. The cave is still rigged and requires derigging.
The trip went fast (or Rocky (me) went slow), and by the
time Rocky ~~arrived~~ remerged at the top of the monster,
he ~~can~~ could already see light at the bottom. The group
made it back at the refugio before 8:30 pm.

Fiona's view:

o Fiona, Steven and Phil ~~then~~ went pass the monster to the 400m deep
camp site to retrieve 140m ropes. The Monster is a very impressive ~~cave~~ shaft,
~160m deep, with ~12 ref rebelayes.

03/07 planning

Surface

Shane
Fiona
Rocky
Jean-Luc
Martin?

Ollie
(Fleur)
(Aileen)
(Reuben)

} yes
absolutely!

C4 design + camp

Chris
Viki
Rosie
Becka

53/5

Graham
Pete
Phil
Mark
Eoghan?

Deirdre AM

Paulina

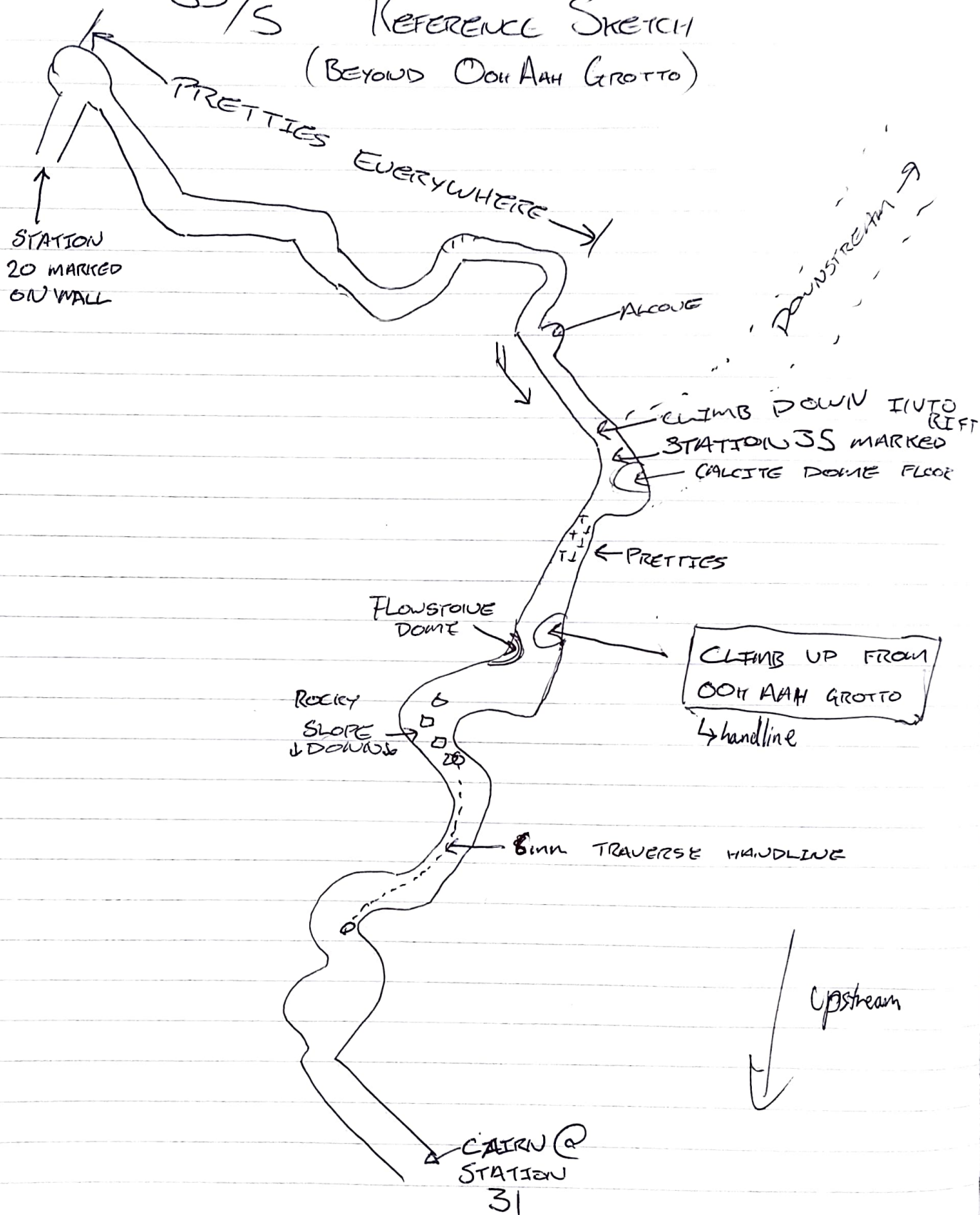
27/a

Rich
Steve B
Steve M

←

Mark, Martin, Pete, Graham, Phil, Ollie, Steve M, Steve B, Eoghan, Rich

S3/S REFERENCE SKETCH (BEYOND OOH AAH GROTTO)



Next 27/9 team - See Aileen + Fleur
with respect to rigging situation - Very almost
at floor, but some adjustments needed

Drill, bits, hammer + 2 batteries in place

4 mailers

4 hangers

3 thru bolts, but one is missing a nut

Need: more tape, krabs, 4 x bolts, hangers, mailers

Also in situ - belting (essential - it is so cold) + first
aid kit.

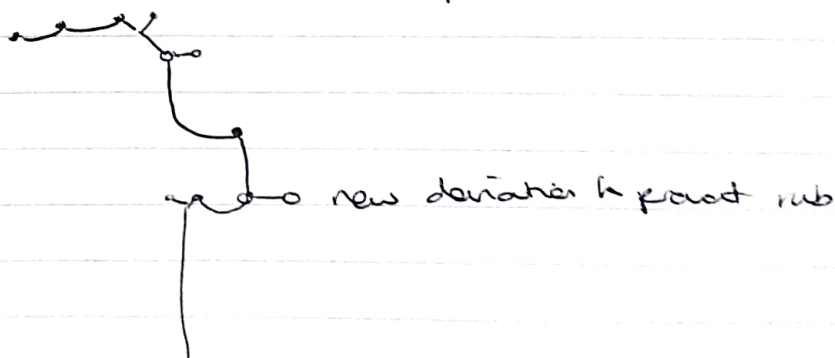
- 2 ropes

2nd July Fleur, Aileen, Reuben 27/9

Steady Journey in, team working 2 bags between
Three in the tricky bits. Aileen forever revising which
was her least favorite pitch head.

Arrived at head of first descent from previous trip
and realised need a little re-rig to remove very low
pitch head and knot pass on side ways swing to deviation

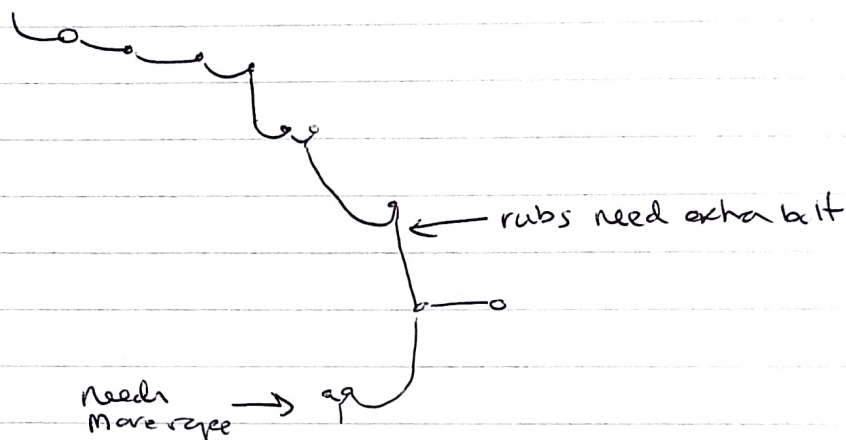
Now rigged:



to large ledge where we collected rest of the gear.

Arleen also added a traverse line to remove 'possible rub' and made a start on new rig to avoid subsequent rub.

From the big drippy ledge:-



15m to floor of large canyon passage
-Woohoo!

27/9 Rich Hudson / Stephen McCollagh

Recce of the cave for bigger people. Couple of awkward pitch heads but doable. Turned back at the capped rift. At the limit for SM but easily modify-able to make easier progress. We were joined by Stephen Macrae and Paula P - They fitted a bit too easy - Hopefully they get to the bottom.

3/07/23, JLM, Martin, Shane, Shortbushing.

33/11 - Ripped 15m pitch from natural to a Choked floor
No draft. No way on.

83/4 - 10m pitch was ripped from a natural as pebble pitch
Anchor. Choked just at bottom. No draft. No way on.

31/4 - Went to remove Martin's last lost property from
a few days ago. Inspected the entrance further,
and found that although the obvious route
up the boulder choke on the RHS leads to a
mud floored fossil passage (as per the Shortbushing guide),
it is possible to see ~~the~~ descending shots below
the choke. With equal measures of stupidity and
ambition, a boulder was moved, and a route
down to the shots is now open. Needs returning to,
of fair draft.

2/07/23 - Paulina P, JeanLuc, Becca, Martin

43°13'56.3"N 4°56'17.7"W - in area E, roughly 1m x 2-3m hole
rock falls for 3-4 seconds

43°13'39.7"N 4°56'42.6"W - large rift rock falls for 1-2 seconds

43°13'39.7"N 4°56'46.5"W - Rift with ledges

43°13'40.8"N 4°56'53.3"W - Slanted narrow rift

43°14'03.5"N 4°55'42.5"W - Small hole rock drops 1-2 seconds

06/07 Plan

Sandwich: 5 bags? 6?
Ropes below camp: 7 bags?

Los Lagos

31/4

C4 Camp

Reuben

Fiona

Phil (home)

Rocky (home)

Shane (home)

Martin

~~Jean-Luc~~

Ollie

~~Fleur~~

Mark

Aileen

Jean-Luc?

Eoghan

↳ Take down rubbish

Collect cave snacks (nuts,
raisins, oat bars, chocolate
bars) - as many as
reasonable

53/5

Steve B

Rich

~~Pete~~

Dawnhill #2

Graham

Fleur

~~Aileen~~, ~~Reuben~~, ~~Mark~~, ~~(Pete)~~, ~~(Graham)~~, ~~Rich~~, ~~Steve Bus~~, ~~Ollie~~
~~Eoghan~~

Steve Muh, Paulina - 27/9 knackered.

Chris, Becka, Vicky, Rosie - C4 exit.

05/07 Plan

C4

Steve M

Paulina

Fleur

Rich

Steve B

Reuben?

Other

Pete

Graham

Fiona

Exiting C4

Mark

Aleen

Ethan

Teen-Luc

Krackered

Becky

Chris

Vicky

Resie

Pete, Graham, ~~Laura~~, ~~Mark~~
Leahy, Fiona, Reuben.

Bags below camp 7 → 4 taken out by others. → 3
Camp bags 4 or 5 4

Above camp. 120
300
180
→ 520 M.

5

Σ 12

C4 6/7

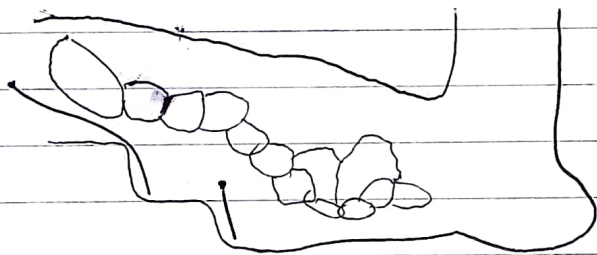
Laura

Pete

Graham.

04/7/23 - 31/4 - Paulina P, Martin

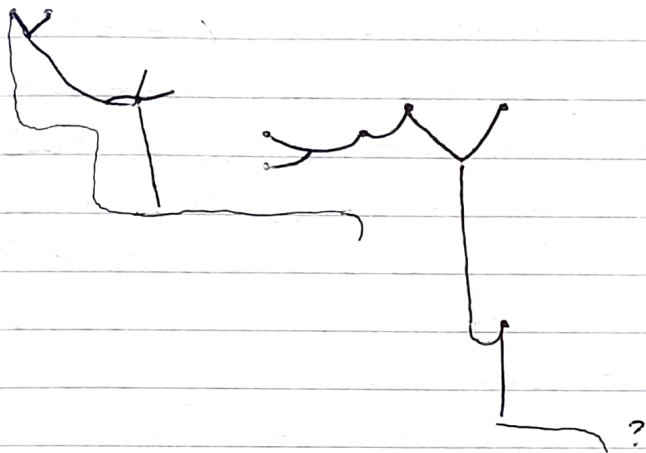
We went to have a look at 31/4 after martin + Co dislodged a boulder from the entrance the other day. A single bolt handline leads to a 3ish metre pitch that leads to a passage that lowers ~~that~~ to a crawl under a boulder roof. After a few metres this leads to a dead end (a pretty area with lots of animal bones) Here you can double back on yourself by climbing over the boulder roof and heading back to the entrance bypassing the pitch. Very ~~rough~~ ^{and} trip but no way on.



03/7/23 - 27/9 - Paulina P, Steve

Our trip initially started with 4 however Rich and Steve turned around at the capped squeeze. After a short interval to rescue a ~~stuck~~ stuck bag Steve and I split from the others and headed down into reality to the most recently bolted pitch. We grabbed some rope and rigged a short pitch with a flake & deviation expecting to reach a bottom. Instead we landed ~~on a~~ in a chamber with another pitch to our left, ahead was a slab leading to another small chamber and pitch. We had some rope left so bolted the initial pitch to the left with a 3 hanger traverse and Y hang. About 5m from the ground I ran out of rope so put in a reelay. This pitch lands on a ledge overlooking another pitch (20m?) we threw a rock and

it seemed to land in a pool... On our way out we put in a ball for a deviation replacing a pre-existing cleve of a flake as there was quite a bit of rub.



27/9 entrance 1620m. On map is ~ 1760m!!
290m
 2/7 Tape worm 1330m 340m.
 2/7 Hole in the Than. ~ 1270m.

Bare Bedda survey 27/9 is ~ 360m deep.

Bare Steve & Paulina survey 27/9 is ~ 360m deep
 plus undercorded p20+

C4 entrance 1900m Correct on map
 C4 sample lake 1340m 560m
Shaft boring guide says C4 is 588m deep

03/07/23 53-5 Eoghan, Graham, Pete

We rerigged the traverse that had "8mm" (actually 6mm) rope with real rope, and added a short rope to one slippery up climb. Then, soon after the traverse, we added a SRT ^{5m} rope to the outward rift climb. At the top of this climb there was a horizontal squeeze of about 3m. Pete hammered this squeeze wider, whilst Eoghan and Graham carried on up a loose and outward climb into a chamber - with several ways on up. They went left, around a muddy exposed step to another short (3m) climb/bridge up. (Pete met them here, once he had got through the 'squeeze'). They also went a bit higher, and had started to survey when they met Pete (@ survey stn 7). Pete took over surveying @ station 10, about half way down the muddy climb. They surveyed back toward the squeeze and Sim pitch down, before tying into survey point 31 at start of traverse the rope was replaced on. No survey drawings for stns 1-10 (only numbers). PT.

02/07/23. Steve. Phil. Fiona, Rocky.

30/06 C4 climbing trip.

Smooth trip down to Sanctuary, arriving at about 4pm. Went with JL to look at Bish Bash Bosch, but very underwhelmed - no clear draught coming in, or any significant amount of water. Having never been up that section of streamway before we decided to go and see how it ended. After some great passage (and some narrow) we arrived at a chamber that had previously been climbed. Up the ropes at the end led to a narrow rift where the water emerged. It looked like it was probably where it had been left before. I had a clamber in the rift which looked enticingly like it enlarged beyond, but looked just fractionally too tight. JL pointed out black space high above in the rift, so I had a go climbing to it. Once there (approx. 12m up) it was clear that a) it would be fine to get through ~~the~~ and b) no one had been through before (lots of loose blocks). JL joined me and we had a quick look around, before realising we would need to survey and finding a drop that would need bolting. ~~Having~~ Having left gear at Bish Bash Bosch we had to return (I'd mistakenly left my rucksack there, so had to reverse prossik the pitch).

After a crash course in disto use we started surveying from a likely looking point at the base of the pitch (including an 'up' reading of 150m!). I put a rope on the climb (much needed) and we surveyed along to the drop we'd found. We ~~app~~ debated traversing over the hole to a possible continuation at the same level, but opted to descend into the space below. 2 short drops saw us (just - with a tape on the end of the rope) back at stream level. ~~As~~ We surveyed the last drop and I left a note on our last survey station. JL asked if I'd looked at the onward passage. I hadn't, but it was pretty big! We decided to have a "quick look" beyond, but after not many corners saw the roof beginning to lower. Not wanting to leave a totally dead lead for another group we confirmed there was a sump a couple of corners beyond, and quickly extended our survey to there. It was a great looking sump - somewhat reminiscent of the upstream Notts sump, but with crystal clear water, descending gently in spacious-looking passage.

We got back to Sanctuary at about 10 pm, pleased to find that Rich + Paulina had finished shortly before (as opposed to being freezing cold from waiting or still 100m up the ropes above). We were very pleased to find some freeze dried meals from 2017, although 1500 kcal of veg ~~with~~ masala still didn't seem enough. We packed up drills, bolts etc. and set off back to camp, arriving at about 2 am. More food followed before finally getting to bed at about 4 am.

The new stuff upstream EG is called 'Look Around You', and ~~appears~~ appears to be the the 'lowest' (main?) stream in the area. Although the inlets below Sanctuary appear to be of equal size, it's clear from Rich's climbing that the Sanctuary water comes from way above, whereas almost all the water from the left hand branch comes from the sump. ~~off~~

06/07 planning

~~SA~~

27/9

Decide AM

Laura
Pete
Graham?
Fiona
Tony?

Aileen
Mark
Becka

Team Luc
Chris

Becka

Mark

Aileen

Paulina

Reuben

Fleur

Steve B

Steve M

Rich

Eoghan

~~Viki has hurt foot (possible
break). She is on Tree Path.
We have gone to help.~~

~~we are back now~~

Viki has hopped back to the Refugio

8:00pm

3RD - 4TH JULY

C4 - SANCTUARY CLEARANCE

BECCA, VIKI, ROSIE & CHRIS

DEPARTED REFUGIO 10AM, UNDERGROUND BY MID-DAY. DESCENDED TO SANCTUARY. DISPOSED OF TENT. POLES ETC. REMOVED. REMOVED ROPE NEAREST WATER IN WATERFALL PITCH. ASCENDED AND STARTED DERIGGING, UP TO THE SANDY TRAVERSE. CAMPED AT BUGGER BOGNOR, ARRIVING 10-11 PM. SET OFF BACK UP AT MID-DAY, PASSING MARK, SEAN-LUC, AILEEN & COGHAN AROUND 2 PM. SURFACED AROUND 3.30 PM, BACK AT REFUGIO 6 PM - 15H

5TH JULY - 53/5

Becca, Fiona, Chris, Viki, Rosie.

After the C4 campy bnp + hauling out big bags we were keen on a gentle day so set off to tie up the survey tying a pitch alternative to the traverse + dodgy climb up through boulders that the previous bnp had done. Becca + Fiona climbed up through the boulders + got to the ~~start of the traverse to the~~ where Rich had already started bolting the pitch down, ~~Rona~~ was meanwhile the survey team started from the traverse + Chris headed up the sketchy boulder climb. Unfortunately he touched the wrong thing + a boulder or two crumbled down towards Rosie + Viki + hit Viki's foot. They started exiting slowly whilst Becca finished bolting the alternative pitch to give us a safe exit. Our rope was used to help Rona over the traverse + they headed out whilst Rona + I had some ambis to squeeze enough rope to get to the bottom of the new pitch (which comes in at the start of the traverse). We got out of the cave + set off slowly, Chris ran up to the refugio to let people know + others came out in force to meet us on the Trea path. Back to the refugio 20:00

Thurs 6th July 9.45am

→ Sandy tasked to contact ushers re arrival at mountain before dawn of tomorrow (Friday)

11.15am Go ahead given by Timothy Ken Steward for ordering helicopter.

~~Full~~ Care review to follow within 1 hour, but will have no further info

11.30am Camp is flattened; Carlotta radios for helicopter.

Fog check. Confirmed OK + flight agreed.

12.45 Depsted by helicopter for arrand

13.00 Confirmed Vici arrived in a park in and awaiting ambulance transfer.

07/07 27/01 to-do list.

- Add safety rope (temporary belay - short rope + crab) to Penit Point. Possibly cut short length from last pitch of old cave.
- ~~Remove~~ Replace all carabiners with maillons (approx. 5)
- Replace alloy hangers with stainless hangers (<5)
- Remove Darkness My Old Friend rope and replace. Cut removed rope at rub point - can be used to re-rig Randolph climb at bottom.
- Add hanger ^{+ maillon} where Y-hang has been bolted ~~by~~ but only rigged on one side. Will need slack from below. Will probably still be some rub shortly below hang...
- Look out for points where rope can be snagged
- Sort top pitch with tackle sack rope-protector. Current thread does give free hang.
- Rig down Randolph bolt climb. Can probably use in-situ spits + natural. Rope currently there + Darkness My Old Friend ropes should be enough.
- De-rig / de dangle whatever seems dippy.
- Bring out drill etc.
- To take:
 - DMOF rope (Bm 30m ish?)
 - 5 maillons
 - 5 stainless hangers
 - 1x drill battery (currently none there)
 - A few slings
 - Chain of 10(?) maillons, hangers (stainless) + through bolts (stainless)
- Min. 2x tackle sacks & probably 3

A second climb above the last survey point led after 9m to a fine caliche pitch head and a small exposed climb through a wide muddy bedding. Again this ended in a small section of rift passage with a possible skippy carver route upwards to a wider area. The area is named "Wipe Your Eye"

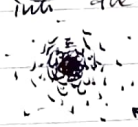
Things to do!

- ۱۳۳۵

08/07

Based on

Very annoyingly



What needs this

If anyone wants

B/7/23 Becha, Mark, Aileen 27/9 T/U 12 hours

Around 2.5 hours to tie putting Ront with 2 more ropes & 10 hangers. Mark ~~as~~ ~~at~~ fettled the rigging en route then rigged down >60m vertical being increasingly thrifty with bolts as he ran low. Meanwhile Aileen & I took photos. We caught up with Mark with 2 bolts left + what looked like an endless series of small pitches still to drop when - what's that? Not one but two sheets of survey paper - we'd made the connection to 2/7! The survey was at the top of a pitch that had been climbed up from the streamway by Hilary Greaves + Lynn Cooper re Maulely in August 2000 up from the Randolph chamber in a passage called Piles of Twenty-Two. We looked around + decided we didn't have time to re-rig the pitch to the streamway so surveyed out + Slogged on out. A Fine trip!

SAT 08 JUL 2023 TONY, FLEUR, LAURA 27/9

HAMMERED SQUEEZES + PITCH HEADS TO ENLARGE TO TONY SIZE TO END OF 5TH PITCH ^(4TH?)

2023-07-08

Kenken, Chris Curry

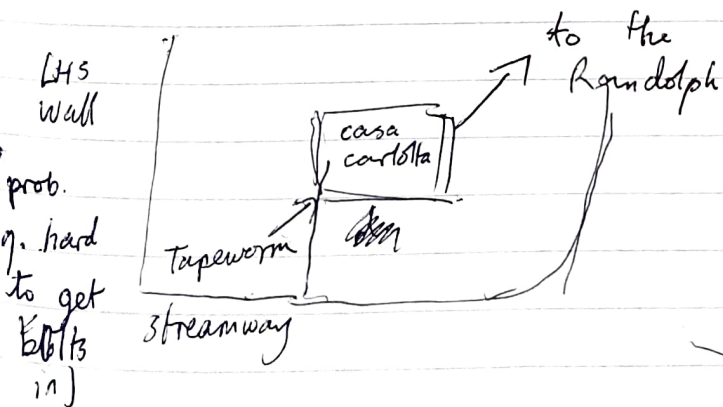
- Went to 2/7 suppy from 27/9. Identified some possible campsites.
- Dedangled wet pitches in 27/9
- Replaced parakeets with mailons
- Replaced some alloy hangers with stainless
- Dropped entrance pitch rope on cord to prevent UP damage to rope.
- TWEAKED RIGGING ON VARIOUS PITCHES

Very rough plan view of the Randolph:
(North unknown) Not to scale

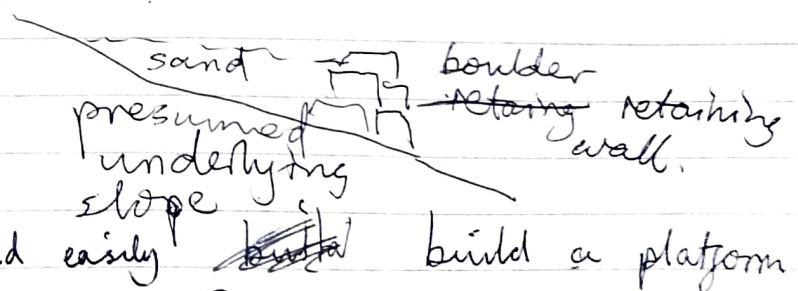


"Casa Carlotta"

Part of the climb down from the Randolph etc. On the R.H.S. of Tapeworm when facing towards the sump. ~~the~~ Sloping sandy ledge. (Deep covering of sand) Seems highly implausible that it will flood $\rightarrow$ too high, plus sand doesn't look like it has seen evidence of flood.



Chris built a retaining wall and was messing around with building a flat ~~flat~~ platform.



- Possible tent ideas.
- Freestanding pop-up tent or



Wedge tent

anchored to RHS wall to with pointy end anchored to

Could easily ~~build~~ sleep 3 or 4

build a platform

Sun 09 JUL 2023

LAURA, PETE, TONY

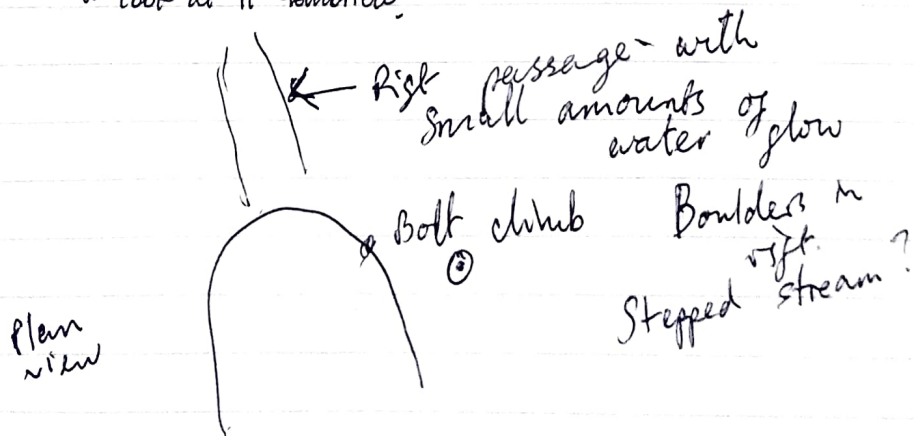
S3/5

T/O ~ 7 HK

We went to S3/5 to investigate where the draught was present. We used rolled up toilet roll (lit + extinguished) to provide a smoke signal to indicate the direction of the draught (vertical & horizontal + direction), which worked better than expected (much easier than trying to judge direction on your hand). Pete drew a diagram (to be added) indicating the location, direction + strength of the draughts. At Smoke went vertically up at the climb up to the aid climbs indicating this is not the way the draught goes, however there is a horizontal draught ~~coming~~ coming out of a small horizontal way on at the base of the climb (~1-2m above the survey paper ^(over dropped) _(to be for Pete + Tony)). I (Laura) followed this for ~12m in a tight rift, ~2-3m above the bottom. At the end ~~to~~ it is too tight (~20cm) but can see through to a larger rift or chamber. Downwards is slightly wider and would enable entry. ~~As~~ As the draught goes this way it would be worth cepping downwards to investigate.

Mon 10 July 2023. Reuben. Fiona. Tony. Laura.

We went to Blackfeather cave. Fiona ~~hired~~ rigged the cave. Reuben did aid climbing at the wall at the far end of the second pitch. Fiona will go out to look at it tomorrow.



PLANNING

TUE 11 JUL 2023

6/8 BLACK FEATHER

LAURA, FIONA, REUBEN, TONY

6+8=14

6 HANGERS + MAILLONS

2 HANGERS

TO TAKE : 14 THROUGH BOLTS

~~BOLTING KIT~~ BATTERY

BOG ROLL + LIGHTER

+TUBE
BOLTING KIT + SPLITS

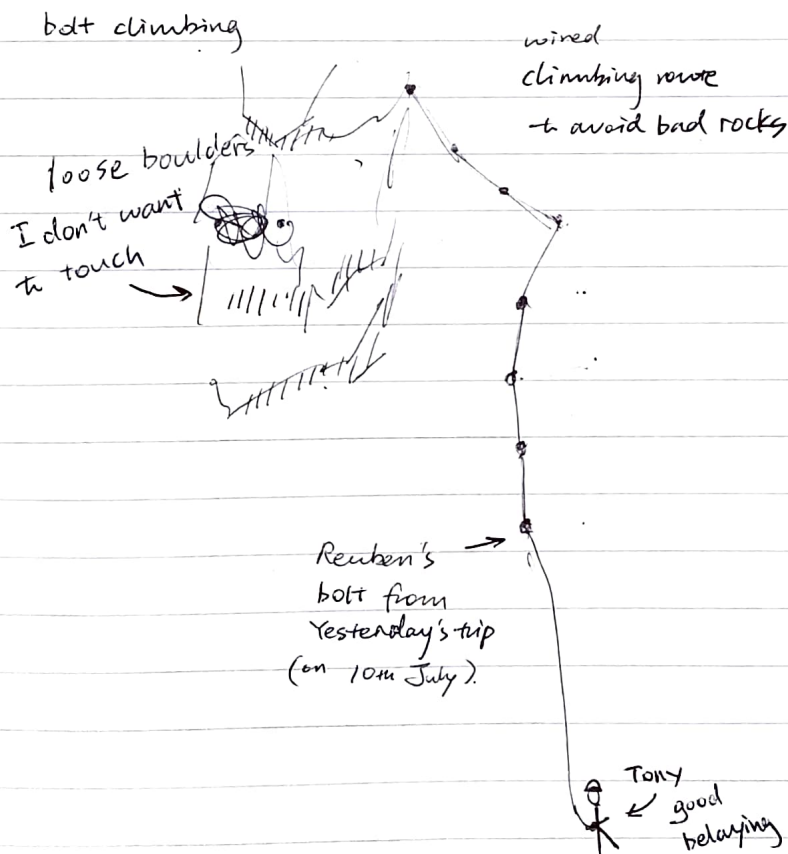
BOG ROLL + LIGHTER

HANGERS + MAILLONS

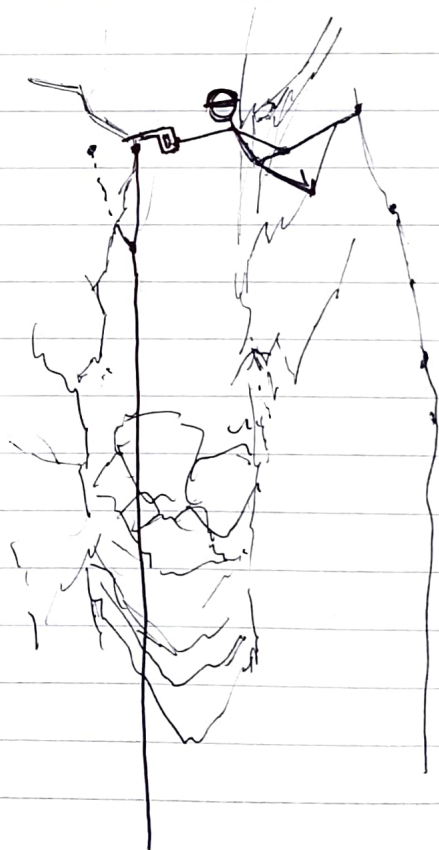
TAPE/SLINGS

HANDWARMERS - LAURA

Fiona's bolt climbing + rigging — Fiona + Tony.



side view



A Y-hang was placed on the opposite wall instead of keep climbing up on the bolt climbing wall.

Reuben & I (Laura) hand bolted a traverse along the top of the second pitch towards the window. On the other side of the window the rock was very fractured & we could not find any good spit placements (drill not available for through bolts) to descend shaft surveyed. To return with drill & Tony!

TUE 11 JUL 2023 6/8 (BLACK FEATHER) REUBEN (DUMB) + LAURA (BOOK)

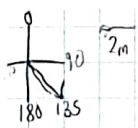
FROM	TO	U	D	L	R	DIST(m)	CURV(°)	COMP	NOTES
Ø2	Ø1	Ø.79	2.38	Ø.63	Ø.ØØ	2.73	-42.8	129.7	
Ø3	Ø2	Ø.44	1.38	Ø.ØØ	Ø.43	Ø.76	-17.1	11Ø.8	
Ø4	Ø3	1.28	19.62	Ø.95	1.Ø3	2.4Ø	13.9	143.2	DRILLER SUSPECT BOTTOM OF SHAFT FOR NOISE
Ø4	Ø5	—	—	—	—	2.43	Ø8.Ø	Ø35.7	Ø5 BY HAND OF REUBEN DISTURBED LINE SURVEY

Ø4 = 140 cm above spit

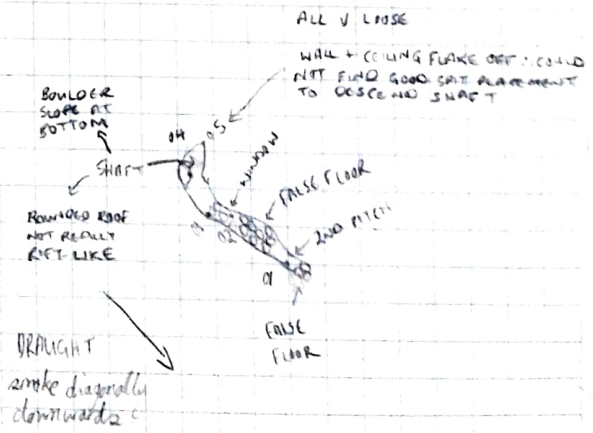
Chartwell

EXISTING
Ø1 IS STATION TO RIGHT OF V-DRAWING AT TOP OF 2ND PITCH
U/D/R IS DIRECTION OF TRAVEL THROUGH CAVE & AT THE FROM STATION
BACKSIGHTS USED

PRO



TUE 11 JUL 2023 6/8 BLACK FEATHER REUBEN (DUMB) + LAURA (BOOK) PLAN



Black feather in Spanish?

After placing the Y-hang, I was lowered to the bottom by Tony ~~and~~. Tony then went up the Y-hang to inspect. After he came down, I went up the Y-hang and keep both climbing

on the Y-hang wall.

not enough bolts
here

The other side

A small
platform

~~one person~~

loose boulders

don't touch

(otherwise ^{will} kill everyone ☠)

o
x

staircase
for - like
water pools
starting up

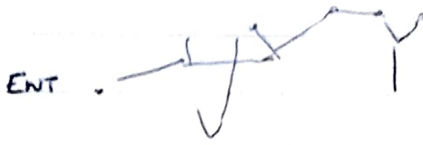
over the other side

The sound of
"water dripping
into a pool"

presumably flat floor?

6/8 12/7/23 RH ADS F2 (reverse)

pc. 22. five bolts placed



Approx 15 hanger required for core. Two hanger in side (rotating thru' bolts)

XITU - INVENTORY OF ITEMS (RE)PLACED IN XITU AT END OF 2023 EXPO (LAURA, 12 JUL 2023)

Food

CUSTARD SACHETS, EXP NOV 2024 IIII IIII IIII

CUSTARD SACHETS, EXP DEC 2023 / JAN / FEB 2024. ~~###~~ ~~###~~ 1

SEMOLINA SACHETS, EXP DEC 2022 / JAN 2023 HHH

INDIVIDUAL SOW SACHETS, EXP 2024

VARIOUS RANDOM SOUP, EXPIRED

PORRIDGE, OATS SO SIMPLE SACHETS, EXP UNKNOWN

INDIVIDUAL MUSEUM, EXP JUL 2024 - JAN 2026 11

FREEZE DRUG MGA'S - PUODINGS, EXP 2018-2019 III

FREZZ ORIGO MEALS - BREAKFAST, EXP UNKNOWN - 2020 III

FREEZE DRIED MOAWS - 500 KCAL SOUPS, EXP 2018-2019 1111

REEZE DRIED MEALS - MAINS, EXP UNKNOWN - 2020 +H+ III

Soog OATS Exp 2017-2018 III

400g PASTA EXP 2018 I.

Sodg PASTA Exp 2019 III

750g PASTA EXP ?

250g PASTA Exp ?

Soog TUP MINE Exp APR 2023 111

* PORRIDGE, OATS SO SIMPLE POT, EXP OCT 2022 / JAN 2023 //

INDIVIDUAL SOUP SACHETS, EXP UNKNOWN ### ### ###

INDIVIDUAL SOUP SACHETS, EXP OCT 2023

INDIVIDUAL SOUP SACHETS, EXP APR 2024

SUGAR SACHETS, EXP ? HHI HHI III

CAPPACCINO DECAF SACHETS, Exp 2018 IIII IIII

CAPPUCCINO SACHETS EXP JUL 2024 ~~###~~ ~~###~~ ~~###~~ "

LATTE SACHES EXP JUL 2024 HIT ~~HTT~~ ~~HTT~~ "

INSTANT COFFEE SACHETS, EXP ? + 2018

HOT CHOC SACHETS, EXP?, III

COFFEE WINTER, EXP? ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ||

DECLAF TCA, EXP NOV 2023, 80

TCA BAGS, Exp?, HUNDREDS

FRUIT TGA 20?

SMASH EXP MAR 2018 HIT //

PEANUT BUTTER EXP ? 1 kg 1

PASSATA 500g EXP JAN 2025 //

INSTANT NOODLES ^{EXP} JUL 2024 1

INSTANT NOODLES EXP DEC 2017 1

BISCUIT BROWNS EXP APR 2020 1

BISCUITS EXP ? 1

340g MILK POWDER EXP 2024 //

ISOTONIC DRINK 650g EXP SEP 2024 1

ISOTONIC DRINK INV. SACHETS EXP JUN 2019 //

375g HOT CHOC EXP OCT 2024 //

500g COFFEE EXP NOV 2023 1

340g HONEY EXP DEC 2023 1

~~SALT~~ (OP

~~HERBS~~
+ SPICES (OPENED) :

SALT < 350g

MIXED HERBS < 18g

AJO Y PEREJIL < 43g

CARMENCITA < 18g

CHILLI (2019) < 47g

BLACK PEPPER < 25g

CHEESE SAUCE MIX EXP NOV 2023 160g (UNOPENED)

TABASCO

CHILLI FLAKES / PAPRIKA / CAYENNE
SMALL TUBS
SACHETS

SPAG BOL SEASONING, EXP MAY 2024 HIT

STOCK CUBES EXP AUG 2023 ~~3~~ HIT HIT HIT HIT HIT HIT HIT

STOCK CUBES UNKNOWN HIT IIII

CURRY POWDER ?

CUMIN

RANDOM SPICE SACHETS

FAKE SNICKERS EXP JAN 2024 ~~|||||~~ ||

FAKE MARS BARS EXP FEB 2024 ~~|||||~~ ||

GRANOLA BARS BOUGHT 2023, EXP ? $39 + 23 = 62$

400g PEANUTS (SALTED) EXP NOV 2023 ||||

500g SULTANAS EXP APR 2024 ~~||||~~ |

200g NUTS + RAISINS EXP NOV 2023 ~~||||~~ ||

~~200g~~ ALMONDS EXP 2010 / 2017 ||

YELLOW DRY BAG OF UN-INVENTORIED FOOD THAT CAME OUT OF XICHU AT START
OF 2023 EXPO

8 x BAG OF HUEL

13 x TENT MEALS

ORRGEN DRUM OF MISC FOOD - UNINVENTORIED BUT PASTA + NOODLES

+ LOTS OF UNINVENTORIED (PROBABLY EXPIRED) FOOD
IN BLUE DRUMS + OTHER LOCATIONS

HAND SANITISER (236ml)	- NO EXP	HHH III
HAND SANITISER (SMALL + OLD)		HHH II
GAS 460g	UNUSED	HHH I
GAS 450g	UNOPENED	I
GAS 220g	UNOPENED	III
GAS 230g	UNOPENED	II
GAS 178g	UNOPENED	II
GAS VARIOUS	OPENED	HHH III
LIGHTERS		HHH TTTT HHH HHHHHH IIII
COMPOSTABLE BAGS		~ 50 (2 1/2 rolls)
VINCO PAN SET		II
TOILET ROLLS		HHH HHH HHH
BAG OF SANITARY TOWELS + TISSUES		I
1 X ALPKIT ALSO PAN (NO LID)	- NOT TAKEN BACK TO UK IN CRROR	I
COW FENCE POLES + ELECTRICAL PARTS (NOT BATTERY)		
CAMPINGAZ SEASON STOVE		I
FUNNEL		IIII
MUGS		HHH III
BAG OF CUTLERY		I
LARGE SPOONS/LADLES		II
WASHING UP SPONGE		III
CHOPPING BOARD		I
BOX OF MATCHES		II
SMALL PACKET OF TISSUES		HHH III
PLASTIC BAGS, BIN LINERS, SANDWICH BAGS, ZIP LOCK BAGS	→ NEED MORE BIN LINERS + ZIP LOCK BAGS	
COOKING PANS		II

TO RETURN TO UK WITH TONY

2 DRILL CHARGERS (ARIO)

1 MOUNTAIN FIRST AID KIT (ARIO)

1 DISTO (ARIO)

1 BOTHY (ARIO)

6 ~~4~~ DRILL BATTERIES (ARIO)

2 YUCPC FIRST AID KITS IN BOXES (YUCPC)

5 ~~6~~ STOVES (ARIO) ~~4~~

BOLTING KIT (YUCPC)

WETSOCKS, TOP + SOCKS (VICKY)

1 BLACK DRY BAG (ARIO)

1 DARREN DRUM FIRST AID KIT (DAVE OTTERWELL)

1 STOVE (YORKSHIRE DALES GUIDES)

1 DMM BUCKET (ARIO)

KRABS, SNAPGATES, OVALS (ARIO) - IN. DMM BUCKET)

1 DRY BAG (GREEN) 1ST AID KIT (YUCPC)

1 DARREN DRUM EMERGENCY KIT (YUCPC)

RED DRY BAG FULL OF DRY BAGS (ARIO)

CANYONING BOOTS (VICKY)

~~BLUE~~ ARIO WATER BOTTLE (LOST PROPERTY)

LOMO GLOVES (LOST PROPERTY) - ROSIE?

BLACK L/S HH TOP SIZE 5 (LOST PROPERTY)

SLEEPING BAG MESH SACK (LAMINA-O THERMIC MICRO) - (LOST PROPERTY)

SUN CREAM (LOST PROPERTY)

~~RANDOM GLOVES (TO BIN)~~

1 x TACKLE SACK TO BE REPAIRED (ARIO)

WALKING BOOTS (VICKY)

COW FENCE BATTERY (ARIO)

1 LARGE STOVE (ARIO)

1 UNMARKED STOVE (ARIO)

DRILL (ARIO)

EMERGENCY INFO FOLDER (ARIO/MARK)

GREEN FOLDER (ARIO/MARK)

LOG BOOK → LAURA TO TAKE TO GIVE TO MARK / FLEUR

XITU

15

~~13~~ TACKLE SACKS

45⁺² ENTRANCE ROUTE MARKING POLY/FLAGS → ALSO CONTAINS 13 STERILISING TABLETS

CAPPING KIT DARREN DRUM - SAFETY GLASSES X3, EAR PLUGS X⁴~~3~~, TUPPERWARE X2,
274+35 YELLOW CAPS, 475 GREEN CAPS, PLASTIC ROD

CAPPING RODS - 2 SETS (2 FIRING PINS + EXTENDERS) + 1 PLASTIC ROD
+ CAPPING MAT

SURVEY KIT DARREN DRUM - 3 RED CHARWELL WATERPROOF NOTEBOOKS → DATA PHOTOGRAPH
+ THEN REMOVED +
STUCK IN LOG BOOK

2 BLACK BUSHCRAFT NOTEBOOKS

~30 HOMEMADE SMALL WATERPROOF PAPER STAPLED SETS (SANDY)

LOTS (100?) NORMAL PENCILS

3 PENCIL SHARPENERS

1 SHARPIE

3 NAIL VARNISH

1 TIPPEx PEN

11 MECHANICAL PENCILS ~~10~~ (0.5, 0.7 + 0.9mm)

LUMP HAMMER X1

1 X TROWEL

5 X BOLTING HAMMERS

*2X CROW BAR → 1 IN 2022 DIGGING TOOLS DRUM + 1 ELSEWHERE (LOOSE?)

1 CHISEL

BAG - WD40 + 3 IN 1 OIL → NEED MORE 3 IN 1 OIL FOR NEXT YEAR

~~9~~ X SHORT ROPES + 18 OLD ROPES + 1 NEW ROPE

1 X DARREN DRUM OF MISC. 1ST AID STUFF (SURVIVAL BAG X1, 2X SAM SPLINT, DETTOL,

96° ALCOHOL X4 [LOOKS OLD], TAPE, LIGHTER, COLD PACK (EXP 2022), EXP. RED
LARGE DRESSING, 3 TAMPONS, ^{NITRILE} GLOVES)

1 X DARREN DRUM OF WEBBING

10+ ROLL MATS

1 X DECATHLON FORCLAZ TENT TREK 100 (2 PERSON)
CHEAP

1 X BEACH TYPE TENT

3 X QUECHUA TENTS (FOOD, GEAR, PERSONAL GEAR)

2 X TARP

2 X UNDERGROUND TENTS

~~LARGE~~ ^{LARGE} DRUM CONTAINING HAND DIGGING TOOLS FROM 2022

2x2 (=4) 25L WATER CONTAINERS

TEALIGHTS FROM 2022

ROLL OF WEBBING

Metalwork

Drum marked: 30 hanger + maillon (OK)
14 hanger + maillon + long through bolt
7-7-23.

Note: have not checked this drum; assumed accurate.

Drum marked "Drill bits, hangers, connectors 2023"

Hangers 2023

~~8x Bosch plus-3 8mm SDS plus drill bit~~

~~3x 8mm 4-flute SDS plus drill bits~~

30 ~~21~~ x stainless bend hangers.

44 ~~31~~ ~~29~~ x stainless twist hangers.

5+ 25 x alloy Petzl hangers (bend)

1 x "lucky" (!) alloy bend hangers.

40 ~~36~~ x alloy twist hangers

2 x stainless ring hangers.

Drum marked maillons

155 ~~130~~ x (in chains of 10)

2 x fat maillons

Drum marked Anchors + drills 2023.

- bag
- Bag of M8 spit bolts. 50-100?
 - 33x "stainless M8 XL stainless steel, short collar"
 - 20x "not stainless very long 8mm x 20"
 - 45x "not stainless steel 8mm long"
 - 50x M8 XL Steel short collar.
 - 38 spits, no cones.

Drum marked Batteries, Candles, GriGri/Pulley

14 x AAA

23 x AA

12 x tealight.

2 x gri gri

2 x rescue pulley

2 x grab.

~~SMALL DRUM MARKED 6mm CORD~~

WIRE
→ REEL OF 6mm CORD + EXTRA
DRUM MARKED 2x BOTTLES

→ RED DRY BAG CONTAINING 1x BOTTLY, 1x SURVIVAL BAG, 1x BUZZARD BLANKET, BAG
OF CORD + CABLE TIE

BAG OF WIRE STROPS → 2022 DIGGING TOOLS BARREL

BLACKFEATHER - 8/6 - SURVEY

1 JULY 2023 // shore / flora / rebar / rocky

F.T.	DISTANCE	COMPASS	CLIND	L	R	UP	DOWN
0-1				0.67	0.98	0.0	13.2
↓			(82.0)				
1-2	12.7	54.0	440.882	1.4	1.7	12.2	0.0
↓							
2-3	2.8	68.0	-83.0	2.3	0.0	8.0	1.1
↓							
3-4	7.2	275.0	-44.4	2.2	0.6	2.3	0.0
↓							
4-5	1.5	330.7	-3.9	0.6	0.5	0.4	0.3
↓							
5-6	2.4	269.0	-0.4	0.8	0.2	3.2	0.7
↓							
6-7	1.6	326.0	(6.0)	0.4	0.0	0.0	2.2
↓							
7-8	2.2	311.1	11.1	0.9	0.0	2.0	2.4
↓							
8-9	2.3	107.2	-46.4	0.3	0.9	0.0	1.2
↓							
9-10	24.0	122.0	-83.7	5.6	2.9	2.3	0.0
↓							
10-11	11.0	66.9	20.3	2.0	2.0	2.0	0.0
↓							
11				1.5	1.5	1.5	1

Chartwell

▼▼ DOWNSLOPE ↓ Direction of slope
▲▲ UPSLOPE ↑ Direction of slope

☹ HOLE IN THE GROUND
⇒ STREAMWAY, WITH DIRECTION OF STREAM

⬢ Rocks - DRAW TO SUIT

T STALAGMITE } GOUGES
⊥ STALAGMITE }

|||| CLIFF / STEP DOWN (TICKS ON DOWN SIDE)
|||| CEILING STEPS DOWN (TICKS ON DOWN SIDE). WRITE NOTE SO ITS CLEAR MARKS RELATIVE TO CEILING.

FLOOR DETAIL

... SAND

--- CLAY

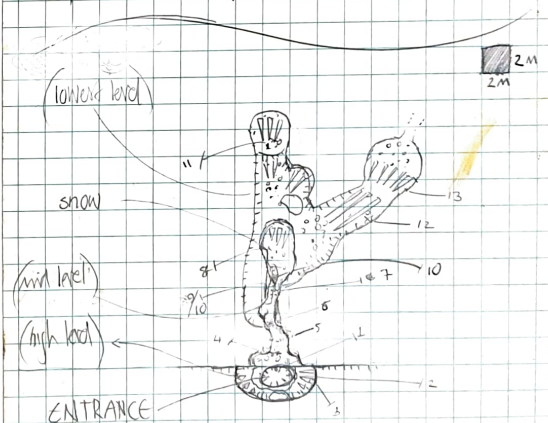
ooo PEBBLES

8/6
ELEVATION
VIEW
(South to North)



Chartwell

F	T	DISTANCE	COMPASS	CLINO	L	R	UP	DOWN
10	12	8.4	185.7	38.4	2.88	0.0	7.9	1.2
12	13	7.8	128	35.4	2.9	0.0	1.5	15



8/6 PLAN VIEW

Chartwell

F	T	Dist	Comp	Clim	L	R	D
7	8	6.35	62.9	+67.1	see last page		8 = near top relay
8	9	1.95	91.0	+26.5	2.5	8.67	9 = <u>12</u>

Chartwell

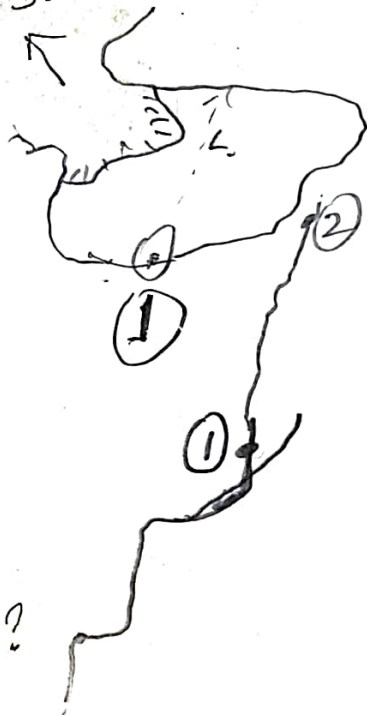
27/9 Bill's Cave, 03 Jul 2023 - Stephen Macnamara
Rolling Poterlowicz

F	T	Dist	Comp	Clim	L	R	D
1	2	6.10	251.5	+80.7	5.84	0	4.55
2	3	24.99	336.2	+87.6	3.72	0.6	
3	4	5.82	122.6	+09.3	0.85	0.64	9.44
4	5	4.52	232.0	+61.1	0	2.7	1.9
5	6	10.30	203.5	+68.5	1.13	0.62	(F) 4.9 (B) 3.60
6	7	21.41	67.9	+88.7	0	5.45	
7	8	6.35			0	1.8	(F) 20.4 (B) 3.5

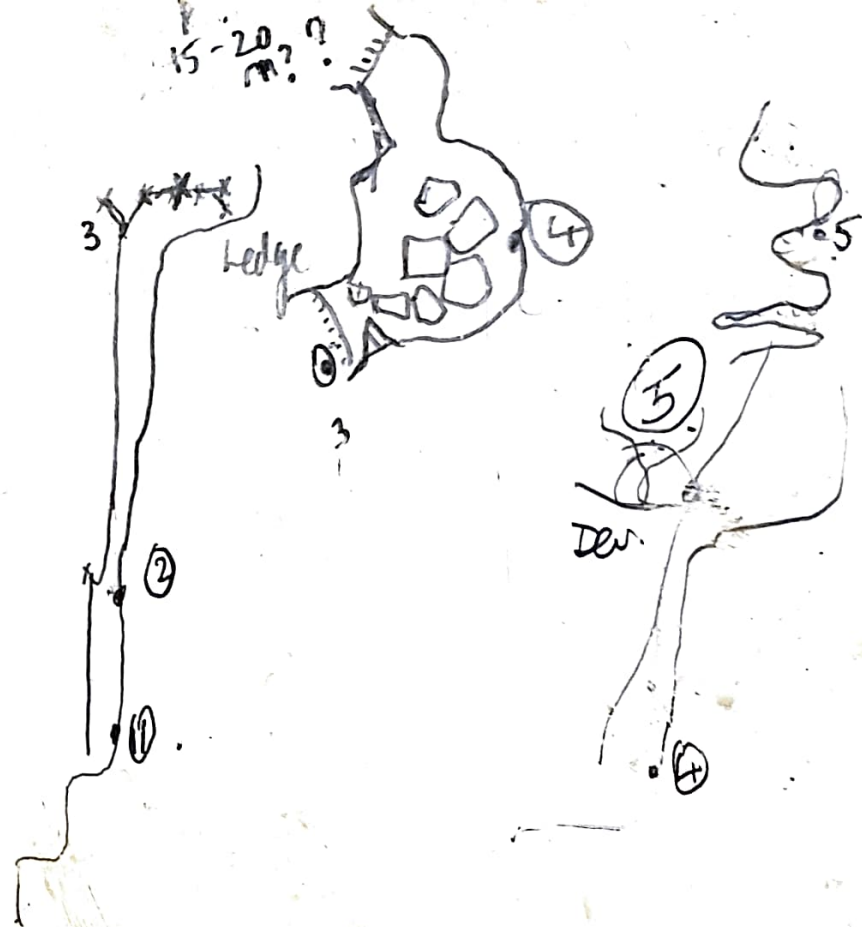
2 = relay
3 = 4 way knot
5 = desc
6 = desc
7 = relay

Chartwell

310.2°



15-20 m?



2x batteries

4 x then, millions longer

soon? designed. Pass me the
lenses.

		DISTANCE	C	M	P	C	L	U	R	UP	DOWN
1	2	5.2	0.4	2	-0.2	0	3.7	1.3	2.7		
2	3	3.2	0.7	7	-12.9	0	1.5	1.8	0.6		
3	4	0.6	0.6	2	-33.5	0	0.5	0.4	1.7		
4	5	2.2	1.6	3	-10.0	0	0.7	5.8	1.0		
5	6	1.1	2.0	2	-6.8	0	0.4	5.4	2.4		
6	7	5.5	1.4	5	-42.9	0.5	0	3.4	1.8		
7	8	3.7	3.1	7	-47.8	1.5	2.3	7.9	6.4		
8	9	7.5	4.5	5	-33.6	0.8	0.5	1.2	1		

9	10	2.85	0.9	2	-54.6	1.3	0.3	4.1	7.8		
10	11	5.40	0.2	9	-69.7	0.7	0.8	2.5	2.1		
11	12	2.88	1.0	9	-32.2	0.7	1.4	1.5	0.9		
12	13	2.70	3.1	8	-39.7	1.8	0.5	3.3	3.9		
13	14	5.11	3.0	0	-0.5	0.3	0.1	1.3	1.4		
14	15	5.17	0.6	2	-50.4	0.8	0.4	5	5.2		
15	16	4.64	3.0	2	-1.2	0.6	0	5.5	1.4		
16	17	4.97	0.3	0	-26.1	0	0.7	4	0.6		
17	18	0.30	0.0	5	-90	1.3	0.4	7	0.3		

Vertical min leg

Chartwell

11 21/9.

Drill

2x bits

1 full battery

1 hammer (working)

IN

DRY BATH

3 then both, fence, mailer

7 malleons

1 zipex, pencil

1 communal first aid

1 dry bag.

Chartwell

between 4 & 5 is inlet to left
back in meter wide Aiff

climb up from (2) ~ 12m

Start cemented cason in
aven
= (1)

STN	DIST	COMP	CLINO	L	R	U	D
1 ↓	5.2	042.0	-0.2	0	3.4	1.3	2.7
2 ↓	3.2	077.7	-12.9	0	1.2	13.2	0.6
3 ↓	0.6	096.2	-33.5	0	0.5	6.4	1.7
4 ↓	2.2	163.9	-10.4	0	0.7	5.8	1.0
5 ↓	1.1	206.2	-6.8	0	0.5	4.4	2.4
6 ↓	5.5	145.4	-42.9	0.5	0	3.4	1.8
7 ↓	3.75	317.1	-47.8	1.5	2.3	7.9	1.4
8 ↓	7.57	045.5	-33.6	0.8	0.5	1.2	1.0
9 ↓	2.85	082.6	-54.6	6.3	0.3	4.1	1.3
10 ↓	5.40	029.8	-69.7	0.7	0.8	2.5	2.1
11 ↓	2.88	109.6	-32.2	0.7	1.4	1.5	0.8
12 ↓	2.70	318.5	-39.7	1.8	0.5	3.3	3.9
13 ↓	5.11	300.5	-0.5	0.3	0.1	1.3	1.4
14 ↓	5.67	064.2	-80.4	0.8	0.4	5	5.2
15 ↓	4.04	302.3	-1.2	0.6	0.2	5.5	1.4
16 ↓	4.97	030.4	+26.1	0	0.7	4	0.6
17 ↓	0.30	000	-90	1.3	0.4	7	0.3
18 ↓				1.3	0.4	6.7	0

Vertical
Legs

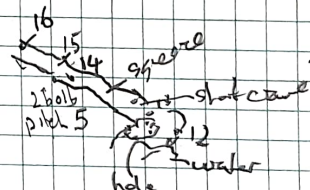
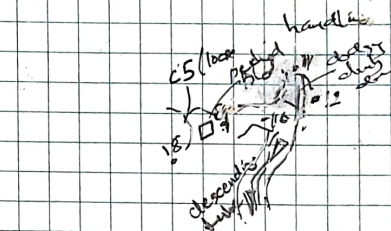
5315 on 3rd JULY 2023

Eoghan Graham Naylor
(later joined by Pete Talling)

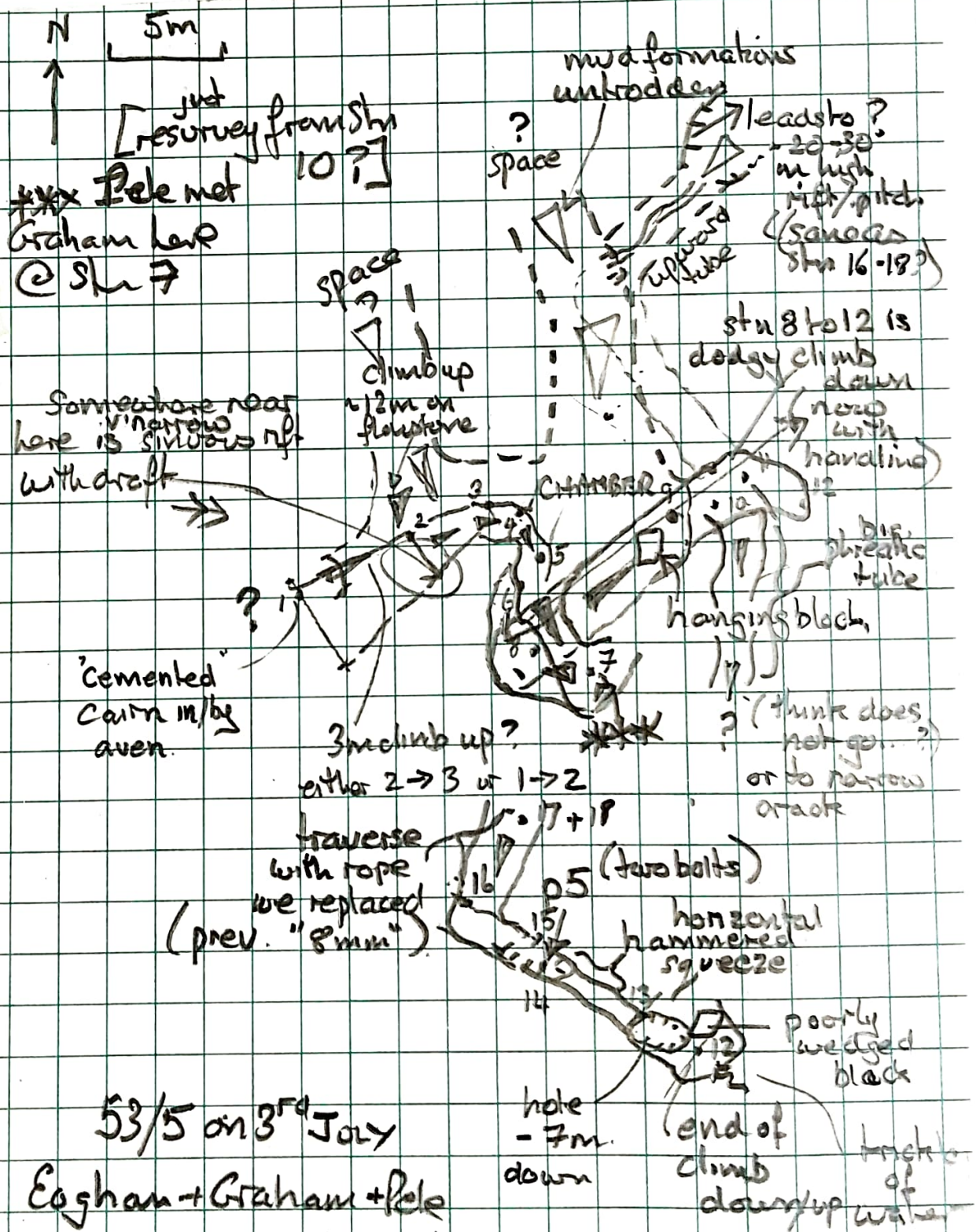
STN 1 is a "pink dot"

STN 18 - small cairn (a start of Lavender
with halimol) (Eoghan's last survey sh.)

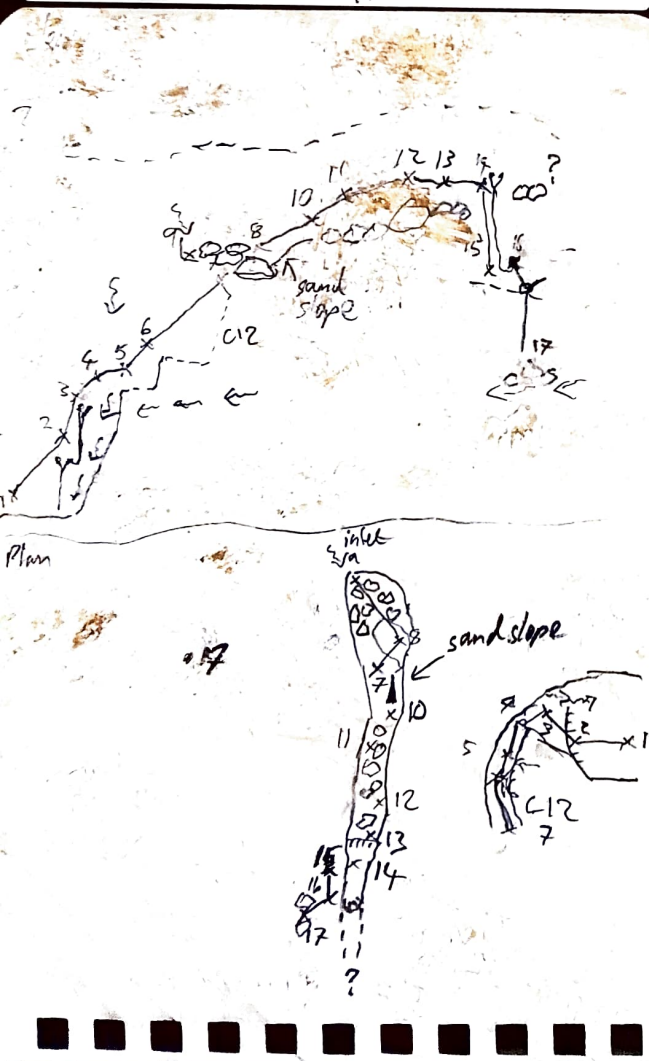
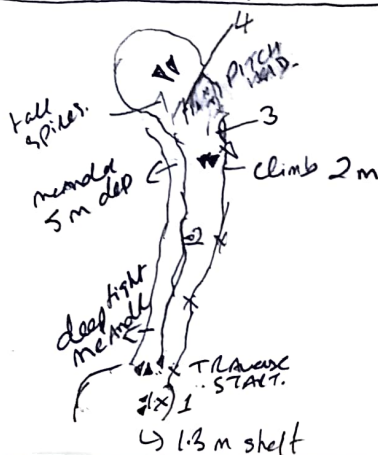
Chartwell



Chartwell



PITCH HEAD LEFT
BOLT IS LAST
SURVEY STATION



27/9
BOOK + DISTO = ALLEN BLANK
POINT = FLORA 2 HAN
SURVEY START = BOTTOM OF INTO
DARKNESS.

FT	D	STAN	COMP	CLIM	L	R	U	D
1	2	6.71	241.1	28.4	2.4	0.3	14.1	1.2
2	3	5.53	240.9	45.5	1.6	1.3	20.1	0
3	4	1.38	240.1	-8.6	4.0	0	13.7	1.4
4	5	13.89	241.6	-85.6	8.8	0.9	10.1	15.7
5	6	2.70	241.4	-30.7	0.7	0.15	13.9	0
6	7	3.58	304.0	9.8	7.0	0	16.5	1.4

Chartwell

COMP	CLINO	TARE	L	R	U	D
270	+45	9/26	4	9	39	2
1/3	286	+73	4	4	9	1
3/4	240	+36	0	1/5	6	1
4/5	184	+29	1	0	1	5
5/6	193	+57	3	23	7	3
6/7	166	+56	14	20	7	6
7/8	054	+31	5	21	0/5	0/5
8/9	311	-13	8	43	3	0
8/10	196	+18	8	31	0	3
10/11	210	+36	3	23	0	0/5
11/12	188	+31	0	8/00	1	0
12/13	205	-02	3	85	0	1
13/14	215	+02	3	09	0	0/5
14/15	281	-77	14	04	5	1
15/16	188	+16	2	13	1	2
16/17	253	-72	13	35	13	10
17/18	184	+26	4	44	1	1
18/19	284	-35	4	23	0	2
19/20	259	+01	5	16	0	1
20/21	241	+17	5	19	1	0
21/22	145	-15	9	00	1	0
22			0	3	1	1

Chartwell

CALL OUTS (+ ETAs)

DATE	CAVE	PEOPLE	PLANS	ETA	CALL OUT
27/6 OUT	53/5	BECKA, ROCKY PAULINA	SURVEY FROM ENTRANCE	12:30 OUT 18:10.	20:00
27/6 OUT	C4 to Buggan Bognor	Rich, Paulina ^B , Viki, Jean-Luc, Bartek, Shane	Set up camp	19:30	Breakfast
27/6 OUT	27/9	Mark, Phil, Reuben, Rosie, Fiona, Ollie	Parallel shaft + bottom	19:30	Breakfast
28/6 OUT	27/9	Becka, Fleur	Survey + push @ bottom	19:00 OUT 18:00	Breakfast
28/6 OUT	27/9	Ouire, Phil	Push parallel shaft	20:00	Breakfast
28/6 OUT	53/5	Mark, Paulina ^B , Viki, Bartek, Martin	Coffin lid + survey	19:30	Breakfast
29/6 OUT	53/5	Jess, Chris, Becka, Rocky & PETE SHANE -	1) SURVEY OLD ROUTE 2) SURVEY FAST TRAVERSE	19:00 18:00	21:00
29/6 OUT	to 27/9 + shaft bash home (areas 8) Fleur, Aileen, Eoghan, Fiona, Phil		Set off 11am. ETA 4pm		7pm
29/6 OUT	C4	kit to Sanctuary, camp on return	Bartek, Paulina ^B Ollie, Reuben	7:30pm 30th	09:00 1st July
29/6 OUT	C4 walk	Mark, Rich (not together)	Drop kit at entrance	16:00	Dinner

Friday 30th June → Bill's Cave 27/9 → Push Colfee Pst

30/6

Fleur, Aileen, Fiona, Phil
(UTM 30N 3429824788514)

ETA 11pm

Callout Sat Brekkie

DATE	CAVE	PEOPLE	PLANS	ETA	CALLOUT
30/6 OUT	6/8	BECCA, ROSE BLACKFEATHER VICKY	RIGAROM SURFACE (UTM 30N 3430884788783)	19:00	22:00 + MARTIN
30/6 OUT	53/5 RAVA	CHRIS, JESS & EUGHAN	SURVEY NEW ROUTE	18:00	21:00
30/06 OUT	04	Mark, Rich, Jean Luc, Paulina P	Sanctuary climbing then camp	19:00 July 1 st	09:00 July 2 nd
30/06 BACK	Prospect War Lann	Pete - Prospecting from 53/5 towards (S) gap between Choke & Eberts Caves		19:00	21:00 Brtch
1/7	27/9	BECCA, ROSE EUGHAN	CONTINUE AT BOTTOM	22:00	8AM 2/7
1/7 OUT	6/8	REUBEN, SHANE ROCKY, FIONA, BLACKFEATHER BARTK	SURVEY FROM SURFACE	20:00	22:00 back
1/7 OUT	53/5	Chris + Jess	Survey New Cave	20:00	22:00
1/7 OUT	53/5	Pete + Fleur	Cave + Surface Support	20:00	22:00
1/7 OUT	33/4	Martin, Phil, Ol', Vicky		20:00	22:00

SATURDAY

2nd July.

Call outs

DATE

~~2/7~~, C4, Phil, Fiona, Steve B, Rocky

ETA

20.00

Call out

Breakfast

27/9 → 2/7 Aileen, Fleur, Reuban.

Midnight

Breakfast

53/5

Pete, Mark, Rosie - ^{re} pitch series of old cave
→ squeeze + new stuff

19.00

22.00

27/9

Steve Muh, Ollie, Vicki, Shane / survey +
detackle ~~to~~ U
"pull the HAMMER".

20:00
(dinner)

Breakfast

2/7

Prospect
Area E
OUT

Leanne, Martin, Becka
Paulina

18.00

21.00

CAVE

PEOPLE

PLAN

ETA

CALL OUT

3/7

OUT

CA

BECKA, CHRIS

PERIG

18.00

09.00

VICKY, ROSIE

SANCTUARY + CAMP

4.17

5/7

03/07

OUT

53/5

Foghorn, Graham, Pete → Main passages survey
Mark, Phil → Pretty inlet survey

19:59

22:00

OUT 21.59

03/07

OUT

27/9 → Becka, Steve, Steve, → 2/7
Paulina

ETA Midnight

Callout
breakfast

03/07

OUT

area 11 Short Bob, JLM, Martin, Eta

18.00

21.00

04/07

OUT

C4

Mark, Owen, Aileen, Jean-Luc

5th July
20.00

Breakfast
on 6th

04/07

OUT

53/5

Steve Bus, Steve Mar, Rich

19.59

Breakfast
on 5th

04/07

3/4

Paulina Potter-Hewicz, Martin

2.6pm

8pm

5 July

Cl Derig Flew, Steve, Steve, Rich, Paulina, Lauren
ETD: Midnight Callout Brettie
OUT 10:30

5 July

Rana Rosie, Viki, Beda, Fiona, Chris
ETA: 7pm callout: 7am

06 JUL 2023

OUT ✓

PICK UP BAGS FROM CL ENTRANCE

LAURA + PETE

ETA 14:00

CALLOUT 18:00

6/7/23 Beda, Aileen, Mark

27/9 - Push at end ETA Midnight

Callout 7/7/23 09:00.

6/7/23 Chris, ^{did not go} Steve, Steve, Graham, Fiona Sorting out upstream end.
ETA 8pm Callout 8:30 am 7/7/23

6/7/23 ✓ Tony - carry from CL Callout after dinner
Back

6/7/23 Laura, Pete, Steve^B, Eileen, Rosie, Ruben → CL carry

7/7/23 Rich Hudson, ~~Steve~~ McCulloch 53/5 OUT
ETA 8pm Callout 8/7/23 8AM

8th July Pete, Fiona - hole 30m up from 53/5.
OUT ETA 2pm Callout 9pm

8th July Reuben Chin 27/9 ETO Midnight
Callout breakfast
OUT

8th July Tony, ~~Reuben~~, Laura, Hammer 27/9
OUT, ETO for dinner
Callout 10pm.

09 JUL 2023 LAURA, REE, TONY 53/5 DRAUGHT CHASING
ETA 18:30
CALLOUT 22:00
OUT

10 JUL 2023 LAURA, REUBEN, FLOWA, TONY BLACK FEATHER (6/8) AIO CLIMBING
ETO 20:00 FOR DINNER
CALLOUT (~~CALLOUT~~) 09:00
GROUP CHAT
OUT

11 JUL 2023 LAURA, REUBEN, FLOWA, TONY BLACK FEATHER (6/8) AIO CLIMBING
+ RIFT TRANGEX
ETO 20:00 FOR DINNER
CALLOUT (GROUP CHAT) 09:00
OUT