

(B2) (F)

Canalizes : sometime sump to choke Gavin & Andy 27/7/97

	x	y	z	EE	Station			
9	10.40	48	-32	28.29	74.06	-26.50	122.54	9
8	4.67	32	6	34.84	79.96	-32.01	131.35	8
7	4.90	335	28	37.31	83.90	-31.52	136.00	7
6	5.77	12	34	35.48	87.82	-29.22	140.33	6
5	7.33	87	5	36.47	92.50	-26.00	145.11	5
4	8.62	358.5	2	43.76	92.88	-25.36	152.42	4
3	16.01	341	0	43.54	101.49	-25.06	161.03	3
2	10.90	28	1	38.33	116.63	-25.06	177.02	2
1	7.33	54	-4	43.44	126.25	-24.87	187.94	1
0				49.36	130.55	-25.38	195.25	0

water sink level -32.2
 sump level -28.2

	left	BTS	Call out
Walking up to	4.40 pm	10 th Wed:	4 pm Wed
Verdellenger right	29/7.	morning	
along ridge			

(9) B13

28/7/97

SNOW PILE → 1460 #

CALIBRATION FAN NEW SET CALIBRATION + 50

F41#2 J.C. ^{Book} ONLY ONLY INSTR. FROM PARTING OF WAYS TO NEAR

STATION INTO NAME.

HEAD OF "70"

				X(E)	Y(N)	Z	CG
0	2.25	20.5	-15	-9.21	-10.24	-45.76	13.93
↓ 1	2.02	98.5	-67	-9.26	-7.66	-46.50	16.18
↓ 2	10.25	149	-81	-5.53	-8.07	-52.96	19.32
↓ 3	6.94	206	-78	-4.71	-9.44	-63.08	20.93
↓ 4	4.17	206 49	+79	-5.33	-10.72	-69.77	22.35
↓ 5	19.40	-	↓	-4.73	-10.20	-61.68	23.15
↓ 6	12.98	-	↓	-4.73	-10.20	-81.08	23.15
↓ 7	26.21	211 44	252.5	-4.73	-10.20	-92.06	23.15
8				6.35	1.28	-118.85	39.10

NB STATION 4 (A TRAPDOOR STATION IN SNOW) WAS FOUND TO BE ABOUT PLACED HENCE SURVEY BACK TO 5 = PITCH BELAY.

CALIBRATION - New SET (Green Tape) . 29/7/97

S. Polaris La. Verd. Compass 147° Class +50

Things we don't need

- Tea, Coffee, Malt
- Beans, Pasta, Rice
- Skines
- Pepper

Things we need

- Bread, Long knife
- Fresh Veg, Uino
- Soaps, Salt
- Herbs & Spices (not Pepper)
- Curry Powder
- Tinned Fruit
- Tinned Tomato & Tomato Puree
- Tuna

BWS

CAVE TEAM DATE & TIME AWAY EXPECTED CALLOUT

D19 Nobby, Flann + Rod 30/7 14:50 21:00 23:00

Can 1 Jim, Lou, Rob 30/7 14:00 02:00 08:00
Alt: Ben, Andy

Surface
Veroblygo-
Cuisage
W3/R1/Photos
Paul, Jo 30/7 15:00 20:00 23:00

.C4 Paul Jo 31/7 11:40 4:00 10:00
(photos) Rhys JC

Tim & Iz ^{near Xitu} ~~2:45~~ 21:00 00:00

Cl4 Gavin 1/8 7:40 23:00 08:00
(breakfast TV)

Ben, Rob, Ali 1/8 10 am
(Richard + Judy)

Andy, Rod 1/8 midday
(Pebble Miu)

Thom, Lou 1/8 2 pm
(Quincy & Blumbo)

NTM Fleur 1/8 4 pm
(15 to 1 & Countdown)

Tom, Alison 1/8 6 pm
(Aussie scraps & Tour de France)

Sub Tim
(BBC 2 Test card)

(4) 2
 B16

Surface Survey, Canalizos → Xitla

Station	↓			x	y	z	
0	50.00	105	1	0.0	0.0	0.0	0
1	50.10	78	1	48.3	-12.9	0.9	1
2	46.30	28	-18	97.3	-2.5	-1.7	2
3	40.2	354	-7	118.0	36.4	-12.6	3
4	50.0	82	-16	113.8	76.0	-17.5	4
5	50.2	78	-4	161.4	82.7	-31.2	5
6	50.2	76	8	210.4	93.1	-34.7	6
7	49.8	93	10	258.6	105.2	-27.76	7
8	26.7	77	25	307.6	102.6	-19.1	8
9	50.1	85	18	331.2	108.0	-7.7	9
10	47.8	42	4	378.6	112.2	7.7	10
11	33.8	70	-1	410.5	147.6	11.0	11
12	20.0	119	-17	442.3	159.2	10.4	12
13				534.2	150.0	4.6	13
				459.0			

station 0 = green O inscription at Canalizos entrance

station 13 = ⊗ inscription at Xitla.

There is a 20x30m stakehole to the north of station 5, within a 150m diameter bore.

coordinates of SIE chamber : (30, 75, -192)

coordinates of date w/ SIE chamber (49, 131, -25)

(79, 206, -217)



B17

OUT ETA Callout

2/8/97 J. C 12:30 Los Lagos 6pm
→ Area E → Areas 9 → Los Lagos 9pm

2/8/97 Huw & Fleur 1:20pm 6:30pm 8:00pm
Dig in F13

2/8/97 Rod & Robby 1:20pm 5:00pm 8:00pm
F96

3/8/97 Fleur NDM 4pm 8pm 11pm
shafts area E/C/S

4/8/97 NDM, Huw, Fleur 2pm 10pm midnight
Canalizo de L #1
(parallel shafts)

4/8/97 JC, AL 2:30 7:00 10:00
E/F Boundary shaft-bashing.

4/8/97 Tim, Ben, Lou & Mod 2:30 going to Refugio.
Returning to Car 3 5/8/97
Returning 5/8/97 to Car 3 tomorrow.

4/8/97 Rob, Rhys 14:30 18:00 20:00

5/8/97 Tim, Lou, Ben, Huw midnight
Canalizo 1 + 3

5/8/97 Jonathan, Ali, Alison 3pm 9pm 11pm.
'JC's bottomless pit' EA

5/8/97 NDM, Rhys 3:00pm 8:00pm 10pm
D19

~~5/8/97 JC, AL, Alison 12:30 8pm 10pm
JC's bottomless pit EA~~

6/8/97 Rob Rhys 3 ET A midnight callout
Canalizo 3 8am

Date	People/Trip	Leave Camp	ETB	Callout
6/8/97	How + Ben Can I Parallel shaft	3:20 pm	12:00	9:00 am 7/8/97
6/8/97	JC + Allison E14	3:26 pm	9:00 pm	11:00 pm
6/8/97	Ali + Lou E14	5p	9pm	11 pm
7/8/97	JC, Tim, Cou CAN III	1:30	8pm	12 midnight At A120.
7/8/97	NTM, Rds D19	3:30	8pm	midnight at A120
8/8/97	NTM, JC Shafts around F96	4-30	8pm	10pm
9/8/97	Canalizers #1 Ben, NTM, Kev, Phys	parallel e main	9pm	midnight
9/8/97	Rds, JC, NTM, Kev Canalizers #3 survey & push & deig		8pm	midnight
10/8/97	JC, Kev Car 3 deig.	4:00 pm	8pm	10pm
11/8/97	Can 1 main shaft deig lib, Kev, NTM	10:30	6pm	9pm
11/8/97	R41 Perig JC, Alison.	11:45	6pm	10pm.
11/8/97	Can 1 parallel push Ben, Phys	11:30		tomorrow
12/8/97	DT push/survey/deig NTM, Alison, Kev	12:00	9pm	11pm
13/8/97	Canalizers de by 1 Rds, Kev	parallel shaft 12:30	?	midnight

B19

I

CANALITHOS III - Streamway at bottom of New Pit "Clustafut"
Tim (Ink), J.C. (Book), Lou (Tape). Inst Set 2 = 54.12 Chino.

Survey out of Cave from Rising Upstream Song.

	L	O	L	2 (ft)	1 (ft)	2	EG
0							
1	8.79	255	-4.5	0	0	0	0
2	4.15	327	-14	-8.88	-1.49	-0.46	4.77
3	8.78	014	-12	-7.77	1.88	-1.46	9.80
4	3.84	088	-29	-8.69	10.22	-3.28	18.39
5	4.02	105	+15	-2.33	10.33	-8.15	24.75
6	2.12	046.5	+27.5	1.42	9.33	-4.10	28.63
7	7.50	381.5	-26	2.78	10.62	-3.13	27.51
8	2.94	065.5	+3	1.78	17.29	-6.48	34.25
12	6.12	148.5	+10	4.36	18.47	-6.27	37.09
13	5.38	104	+3.5	6.57	12.86	-8.20	43.11
14	5.87	109.5	-15	11.78	11.56	-4.87	48.48
				17.13	9.67	-6.39	54.15

Inst Set 0 = Bolt mark on rock above jump

Inst 8 = Junction between Up + Downstream + Meander.

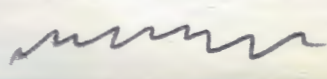
Inst 14 = Known height on wall of pitch bottom opposite meander.

Survey out of DOWNSTREAM from IN PENETRABLE PIT (9B) TO STATION 7 OF ABOVE. SURVEY OF CAVE.

2700 hrs 050

6:20

				X (ft)	Y (ft)	Z	EG
7	3.70	366	-40	1.78	17.29	-6.41	34.25
11	6.05	330	-62	2.50	14.39	-8.53	37.24
10	6.55	0	-90	1.08	16.85	-14.27	40.08
9	3.00	050		1.08	16.85	-20.82	46.08
9B				3.38	18.78	-20.82	43.08



CAN III - Down stream of Bottom of New Pledge

RBA (Block) JC (Intr) New Soudo's.

	DATE	COMP	C/N/O				
7 (= Junction Mr 8)	3.25 3.48	26	-10	17.8	17.29	-6.41	34.25
6	4.44 4.48	60	-12	3.47	20.75	-7.07	38.10
5	3.97 4.01	107.5	-48	7.23	22.92	-8.01	42.44
4	3.19 3.19	31.5	-24.5	9.76	22.12	-10.96	41.10
3	6.79	37.5 3	-4	11.44	24.49	-12.29	48.01
2	2.53	-	-90	11.27	29.46	-12.72	14.28
1	2.88	69	-12	11.27	22.46	-16.25	14.28
0				16.92	30.10	-17.52	16.05

O = PSS in small rock of in 2.1ft above ^{final} ~~day~~ down to stream

O	3.15	-	-90	16.92	30.10	-20.67	16.05
A	15	230	12 +2	5.44	20.46	-20.15	71.04
B							
A	3	050	-2				
C				19.22	32.03	-20.77	17.05
O	4	050	-				
D				19.98	32.67	-17.52	60.05

Too Tight R.M. AT C+D.

CAN III	PITCH	(CLUSTER ROCK)	x	y	z	C-G	
14 (PSS)	11.75 11.75	331	+71	17.13	9.67	-6.39	14.15
15 (RB1)	23.52	341	+87	14.64	14.15	9.50	19.28
16 (RB2)	4.72	032	+63	14.32	11.36	32.39	60.53
17 (Trapball)	4.55	052	-38	11.46	17.18	36.59	62.67
18 (Spanish (L.H.))				13.28	19.39	33.79	66.26

B21

SURFACE SURVEY

CAN I \Rightarrow CAN III

	TAB	COMPASS	CLINO	α (G)	γ (H)	Z	CC
0 (Can 1 Kink)	4	30	130	0	0	0	0
1	25.3	345	0	173	3	2	8.46
2	25.6	300	-28	-4.82	27.44	2	28.76
3	6.7	324	-30	-24.09	38.74	-10.02	17.37
4	1.1	225	-90	-27.8	43.4	-13.4	17.17
5	1.1	225	-90	-27.8	43.43	-14.47	17.17

\therefore CAN III ENTRANCE is 22m W, 43m N + 15m below CAN I

NB CAN III MAIN SHAFT SPANISH END = 70m E + 5m N + 209 dep.
 " " " " = 52m E + 48m N + 225m dep
 relative to CAN I ENTRANCE.

NB 2 CAN I SPANISH END = 40m E + 90m N + 195 dep.
 RISING SUMPS AT AT = 47m E + 140m N + 220 dep.
 + T_{up} SURF AT = 70m E + 170m N + 227 dep.

R41 Pozo Peter Bears Pechtunch. JC+AW
 = Find Pitch (The Ice Spider) + Chamber with Ice Cube.

O = Point in Middle of chamber with good allround view.

	TAPZ	COMPASS	CLINO
O	10	132	-28
A			
B	17	92	-27
C	16	22	-6
1 (from position)	5	282	+6
2	? 45-50	-	+90
3	16.4	219	+55

* !! * BASTARD KNOWS I TRIED TO MEASURE PITCH
 WHEN GYM CAME UNDONE DURING PITCH ESTIMATION
 AS WE → 50m long.

date	cave	who	left	ETB	cellout
14/8/77	DF	Rob NOM	1pm	8pm	midnight

B223 *end*

11/8/97 Canaligos Parrallel Shagt sump by pass

Surrey Ben Loret - Book Rhy William - Inst Set 4

	Time	Compass	Climo	X	Y	Z	EE	
1.	11:00	256	+7	0	0	0	0	1
2	3:50	274		-6.42	-8.83	1.34	10.92	2
3			+33	-9.35	-8.63	3.25	13.85	3
4	4:22	225	-40	-11.63	-10.91	0.53	17.09	4
5	3:14	213	+5	-13.34	-13.54	0.81	20.21	5
6	2:11	197	+46	-13.76	-14.94	2.33	21.68	6
7	6:02	224	+10	-17.88	-19.20	3.37	27.61	7
8	11:55	124	-74	-17.52	-19.44	1.88	28.04	8
9	18:00	-	+90	-17.53	-19.44	19.88	28.04	9
10	13:85	222	+21	-26.18	-29.05	24.84	40.97	10
11	3:04	251	-37	-28.48	-29.84	23.01	43.39	11
12	12:72	168	+30	-26.18	-40.62	29.37	54.41	12
13	8:22	225	+11	-31.89	-46.32	30.94	62.48	13
14	10:27	208	-31	-36.02	-54.10	25.65	71.28	14
15	10:09	112	-5	-26.70	-52.86	24.77	81.33	15
16	2:35	-	+90	-26.70	-52.86	27.12	81.33	16
17	2:6	164	-2	-25.99	-60.36	27.03	83.93	17
18	2:58	199	-40	-26.63	-62.22	25.38	85.91	18
19	8:4	128	-24	-20.58	-66.95	21.95	93.58	19
20	8:15	040	+4	-15.36	-60.72	22.53	101.71	20
21	8:88	067	-11	-7.33	-57.32	20.83	110.43	21

Station 1 = L.O.E at head of 25m (Est) Pitch

Station 19 = Spanish Passage

Station 20 & 21 are along the known rig to enable this to be orientated on the Spanish survey