

WEDNESDAY 24 FEB

TRAM MAA - UPSTREAM

DISO X2 FROM JAMES

SURVEY RM JAMES / ROS / ESTELLE

NA0147E

①

1 → 2 4.71 322.1 +0.6

① L 0.93 R 0.55 U 1.32 D 1.44

2 → 3 5.16 341.8 -0.1

② L 0 R 0.93 U 0.5 D 1.13

3 → 4 7.62 314.0 +1.5

③ L 0.89 R 0.91 U 0.91 D 1.33

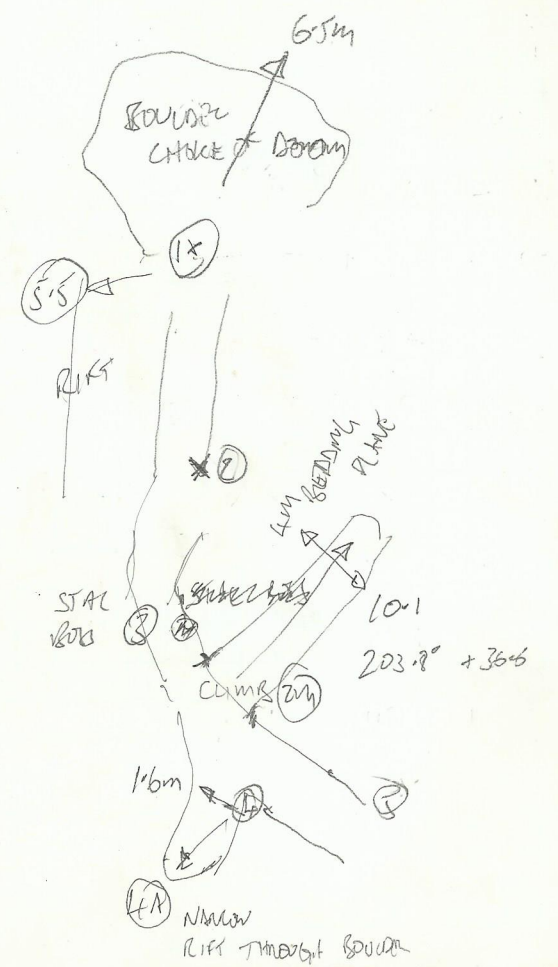
4 → 4A 9.18 348.8 +4.1

4 → 5 4.64 293.8 -4.5

④ L 0.74 R 0 U 3.43 D 1.89

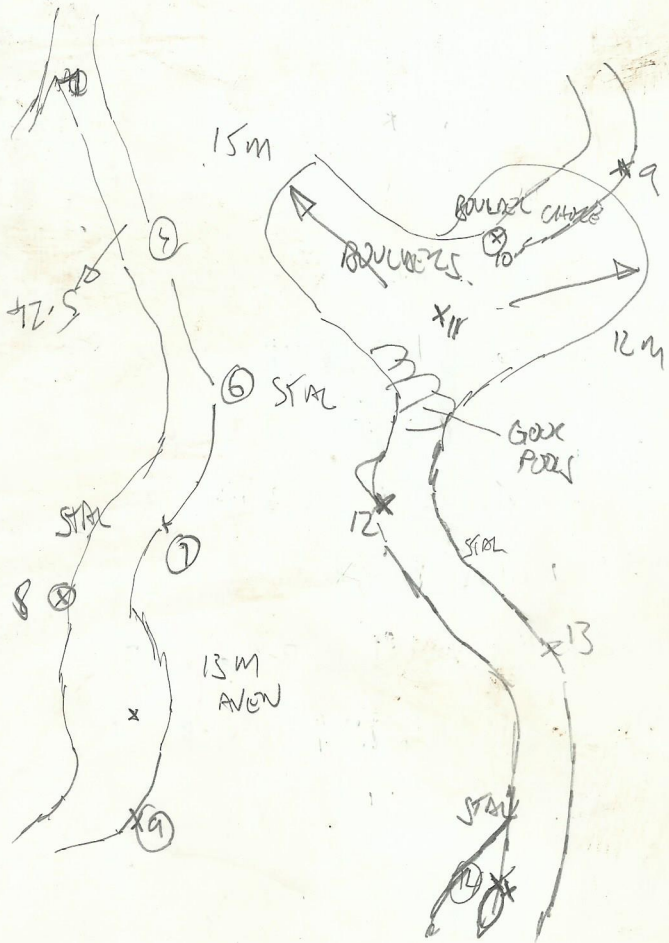
Chartwell

24/2/16 THAM MAA - UPSTREAM



5 → 6	4.98	301.7	-15.1	
⑤	L 0.62	R 0.58	U 0.36	D 1.53
6 → 7	3.39	332.9	-0.4	
⑥	L 0.3	R 0.79	U 3.72	D 0.44
⑦ → ⑧	3.75	323.3	+12.8	
⑦	L 0.3	R 1.8	U 3.5	D 0.49
8 → 9	8.72	278.3	-1.9	
⑧	L 1.63	R 0.59	U 4.91	D 0.94
9 → 10	5.24	320.7	-7.4	
⑨	L 0	R 0.9	U 2.95	D 1.39
10 → 11	3.46	319.2	-0.9	
⑩	L 0.2	R 0.47	U 0.5	D 1.07

24/2/16 THAM MAA - UPSTREAM ③
 Chartwell



24/2/16 THAM MAA - UPSTREAM

(4)

11	→	12	19.16	292.7	-13.3
(11)	L	5.54	R 5.30	V 5.36	D 0.8
12	→	13	13.65	183.6	-7.6
(12)	L	5.3	R 0.6	V 3.1	D 1.94
13	→	14	11.61	211.8	+3.1
(13)	L	0	R 1.69	V 4.36	D 1.28
14	→	15	3.69	212.9	-8.1
(14)	L	1.73	R 0.84	V 2.15	D 2.19
15	→	16	9.72	268.2	-2.7
(15)	L	0.55	R 2.52	V 3.44	D 1.83
16	→	17	9.79	206.4	+3.9
(16)	L	5.33	R 0	V 3.5	D 1.6

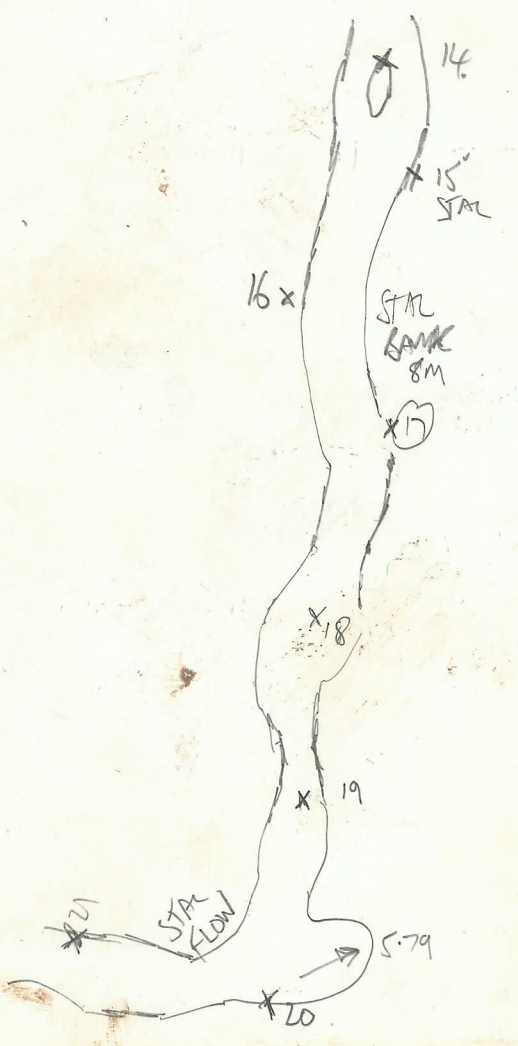
24/2/16 THAM MAA - UPSTREAM

Chartwell

(5)

24/2/16 THAM MAU - UPSTREAM

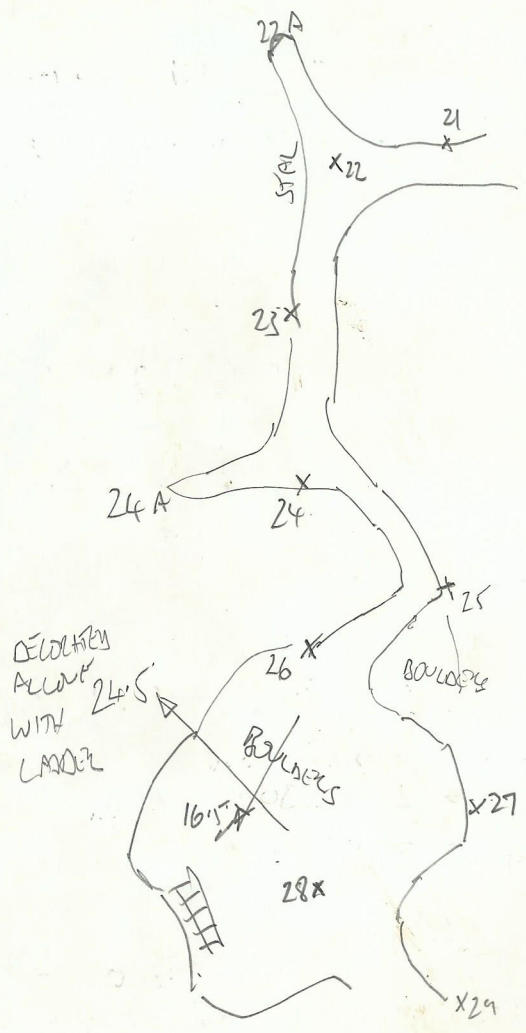
⑥



17	→	18	11.41	288.9	-12.0
①7	L	0.5	R 5.23	U 1.5	D 1.40
18	→	19	6.96	268.6	-2.0
①8	L	2.98	R 1.81	U 1.24	D 0.2
19	→	20	15.61	302.2	+3.3
①9	L	1.28	R 1.68	U 0.63	D 0.2
20	→	21	12.76	028.8	-04.9
②0	L	0.39	R 4.09	U 9.44	D 1.0
21	→	22	4.24	014.4	-0.7
②1	L	1.57	R 0.72	U 6.44	D 0.58
22	→	②2 A	±30m	069.4	+02.7
②2	L	2.42	R 1.42	U 7.78	D 0.72
22	→	23	8.72	314.7	+4.5
②3	L	2.03	R 2.56	U 3.0	D 1.53

THAM MAU Chartwell UPSTREAM ⑦

24/2/16 THAM MAA - UPSTREAM



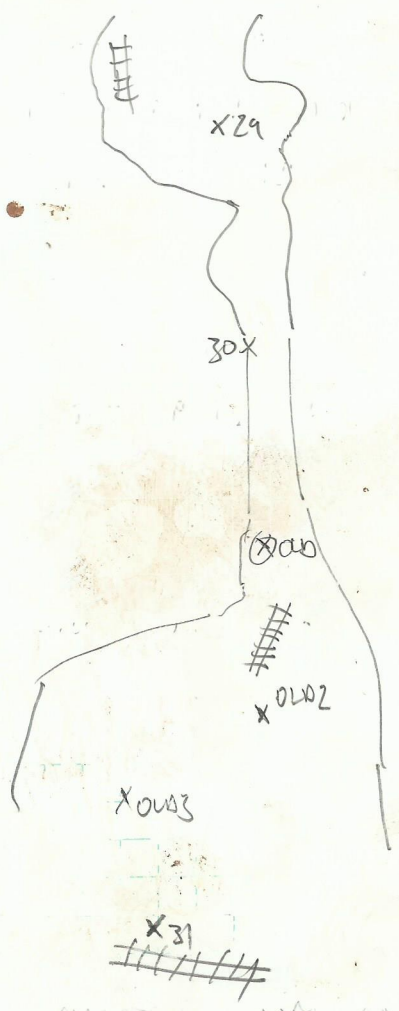
8

- 23 → 24 8.43 258.3 -1.9
- 24 → 24A 6.05 010.4 +1.8
- (24) L 1.19 R 1.27 U 0.41 D 1.43
- 24 → 25 2.69 233.1 -13.9
- (25) L 0.65 R 0.65 U 11.26 D 1.05
- 25 → 26 3.21 330.2 -1.3
- (26) L 1.71 R 1.13 U 2.32 D 0.82
- 26 → 27 8.80 247.4 -2.0
- (27) L 0.81 R 1.57 U 3.69 D 1.13
- 27 → 28 6.33 352.1 +5.5
- (28) L 4.79 R 9.9 U 7.38 D 1.15
- 28 → 29 17.09 258.3 -2.2
- (29) L 7.42 R 9.0 U 8 D 1.57

THAM MAA - UPSTREAM 9

Chartwell

24/2/16 THAM MAA - UPSTREAM



(10)

29 → 30 14.45 282.5 -2.2

(11) L 5.07 R 0 V 7.97 D 1.41

30 → OLD 15.96 238.7 -3.9

(OLD) L 2.67 R 0.96 V 7.66 D 1.17

OLD1 → OLD2 8.50 216.9 +32.2

OLD2 → OLD3 11.80 332.5 +11.3

OLD3 → 31 8.65 245.7 +18.0

[4TH RUNG OF LADDER]

OLD 1 = Emma's stn 9

24/2/16 THAM MAA - UPSTREAM (11)

Chartwell

101 → 102 6.36 263.9 -13.0

(101) L 3.1 R 2.46 U 1.74 D 1.31

102 → 103 6.45 185.5 -8.3

(102) L 6.03 R 1.53 U 2.88 D 1.60

103 → 104 11.84 235.4 -6.3

(103) L 2.37 R 3.22 U 5.9 D 0

104 → 105 1.91 250.4 -38.6

(104) L 0 R 2.21 U 0.99 D 2.02

105 → 106 6.17 238.5 -19.7

(105) L 0.55 R 0 U 1.61 D 0.83

106 → 31 14.66 207.9 +8.7

(106) L 1.2 R 0 U 6.57 D 0.29

24/2/16 THAM MAA - Gate INLET

(12)



(13)

24/2/16 THAM MAA - GOUR INLET

Chartwell