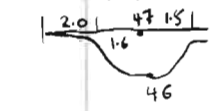


T HUGHES
T JARRATT
R BLAICE
M MIDLEN
1008.579 944.702 -68.064 43
* STREAM SECTION L or R = LOOKING DOWNSTREAM.
STN 43 = Roof of Butchers' Arse.

LEG	DIST	CLNO	BRG °M	H DIST	ΔE	ΔN	ΔZ	E	N	Z	STN	FIELD NOTES
43 - 44	3.7	+14	28	3.590	+1.685	+3.170	+0.895	1010.264	947.872	-67.169	44 ✓ 1	INCAVE LH WALL 0.5 off floor. 0.4 WIDE ROOF = +1.5m (narrow rilt)
44 - 45	4.7	-25	32	4.260	+2.257	+3.613	-1.986	1012.521	951.485	-69.155	45 ✓ 2	R/W wall nose adj to pitch head. } BLACK PUDDING POT
45 - 46	8.4	VERT DOWN						1012.521	951.485	-77.555	46 ✓ 3	ROOF 0.4 off floor on wall. } 
46 - 47	1.6	-14	50	1.552	+1.189	+0.998	-0.387	1013.710	952.483	-77.942	47 ✓ 4	ch wall, 4H edge of 'rilt' 0.4 off floor.
47 - 48	3.6	-22	124	3.338	+2.767	-1.866	-1.349	1016.477	950.617	-79.291	48 ✓ 5	R Wall ↑0.2 ↓0.4 ↔0.4.
48 - 49	1.9	-15	108	1.835	+1.745	-0.567	-0.492	1018.222	950.050	-79.783	49 ✓ 6	L Wall ↑0.9 ↓0.9 ↔0.5.
49 - 50	1.6	-52	157	0.985	+0.385	-0.907	-1.261	1018.607	949.143	-81.044	50 ✓ 7	P head nose nose ↑1.5 R wall.
50 - 51	6.7	VERT DOWN						1018.607	949.143	-87.744	51 ✓ 8	P Bottom (0.1 off floor)
51 - 52	0.6	±0	65	0.600	+0.544	+0.254		1019.151	949.397	-87.744	52 ✓ 9	Edge of drop.
52 - 53	1.4	VERT DOWN						1019.151	949.397	-89.144	53 ✓ 10	Bottom of drop / floor.
53 - 54	1.2	±0	75	1.200	+1.159	+0.311		1020.310	949.708	-89.144	54 ✓ 11	edge of drop / rilt to water. d. 0.7 wide depths = 93.454 = -306.6 R
54 - 55	1.2	-20	128	1.128	+0.889	-0.694	-0.410	1021.199	949.014	-89.554	55 ✓ 12	nose of rock at edge of sump pool. 0.9 to WL. 3.0 to far side sump / 14
55 - 56	6.5	+5	127	6.475	+5.171	-3.897	+0.566	1026.370	945.117	-88.988	56 ✓ 13	R Wall at base 0.9 ↓ 2.0 ↑ 1.0
56 - 57	6.0	+2	148	5.996	+3.177	-5.085	+0.209	1029.547	940.032	-88.779	57 ✓ 14	L Wall 0.8 ↓ 0.2 ↑ 1.5
57 - 58	2.7	+4	96	2.693	+2.678	-0.281	+0.188	1032.225	939.751	-88.591	58 ✓ 15	Roof 1.0 ↓ R 0.5 L 1.0
58 - 59	8.6	-3	124	8.588	+7.120	-4.802	-0.450	1039.345	934.949	-89.041	59 ✓ 16	L Wall ↑ 1.5 0.25 ↓ 0.5 ↑ (+ air bell)
59 - 60	10.5	+3	88	10.486	+10.480	+0.366	+0.550	1047.825	935.315	-88.491	60 ✓ 17	R Wall (cur) ↑ 1.0 ↓ (0.6w to 2.4) ↑ 1.4
60 - 61	10.0	±0	178	10.000	+0.349	-9.994		1050.174	925.321	-88.491	61 ✓ 18	L Wall (0.5 ↑ 0.3 ↓) 1.2 ↑ 1.2
61 - 62	4.8	±0	137	4.800	+3.276	-3.510		1053.450	921.811	-88.491	62 ✓ 19	L Wall (0.4 ↑ 0.3 ↓) ↑ 0.5 1.5
62 - 63	7.8	-1	114	7.799	+7.125	-3.172	-0.136	1060.575	918.639	-88.627	63 ✓ 20	R Wall (rock) (0.3 ↑ 0.4 ↓) 0.8 ↑ 1.5
63 - 64	6.7	-5	231	6.675	-5.187	-4.201	-0.584	1055.388	914.438	-89.211	64 ✓ 21	Face of sump w/ level water level 5.5 to v/s sump = 1.24 rise

100.20m. + 2.0 - R.P. Bot + 35m v/s sump
+ 3 - v/s sump pool
+ 7 - avon (60-61)
12

TOTAL 112.2m
This page 35
147.2m = 482.9
TOTAL PASSAGE LENGTH TO SUMP I. = 1341 ft.
OF WHICH 1094 ft. DISCONNECTED IN 1991
+ (v/s sump I to v/s sump II + avon est. 250 ft)
ESTIMATED TOTAL = 1600 ft
found 1350 ft in 1991

