

TK012-14

23/11/98

(1)

extra GPS, TK012 entrance 47P 0505509
(better reading) 1702168
entrance is on NW side of hill.

* stream running by R.S. comes out of a
cave, flows onto Than Than Lod (TK012-16)
+ sinkhole. From there, the stream flows
on to sinkhole again - exact locations not
known.
- need to return to this area.

L R U D

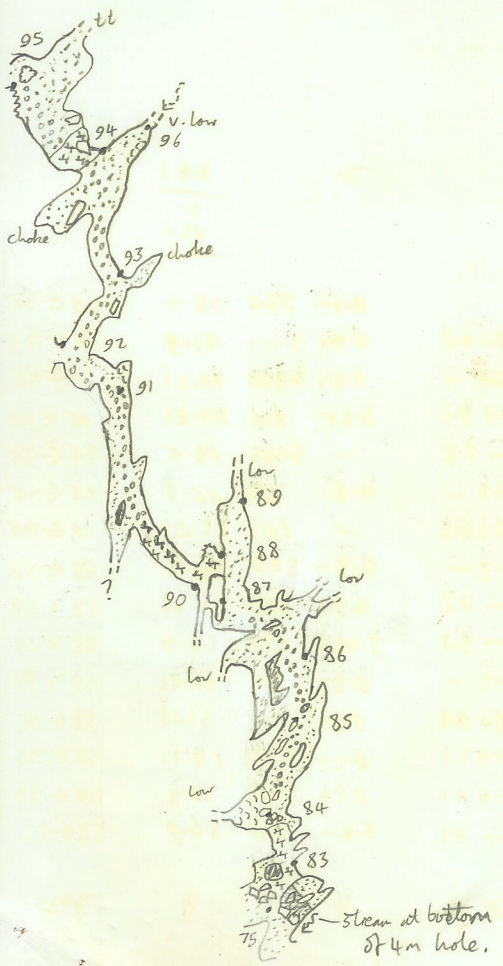
1.0 3.0 4.0 1.5 200

1.0 3.0 1.0 0.3 201

survey entrance TK012:

TK012 ent.	start	D	B	A
choke 201	55 → 200	5.51	087	+5.0
200	200 → 201	8.87	009	+24.5

(2)



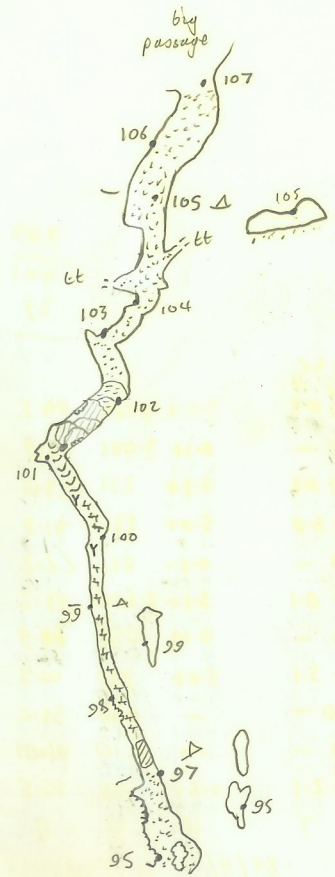
(3)

15
13.9

stat	D	B	A	L	R	U	D
75 → 83	6.09	150	-4.5	1.5	-3.0	1.5	83
83 → 84	8.01	096.5	+2.0	7.0	4.5	3.5	0.5 84
84 → 85	11.49	161.5	+2.0	1.2	4.0	3.0	1.2 85
85 → 86	11.15	170	+3.0	3.0	1.5	2.0	1.3 86
86 → 87	10.50	102	-3.0	-	2.5	3.0	1.2 87
87 → 88	4.35	167	+24.5	1.5	-2.0	1.7	88
87 → 89	16.48	185	+5.0	7.0	-1.5	1.0	89
88 → 90	4.98	043	-8.0	-2.5	2.0	1.7	90
90 → 91	17.23	147	-	2.0	1.5	1.0	1.8 91
91 → 92	6.90	091	-3.0	-2.0	1.2	1.5	92
92 → 93	9.80	185.5	-	2.5	-1.5	1.5	93
93 → 94	13.55	140	+2.5	1.6	1.0	1.5	1.5 94
94 → 95	13.60	058.5	+2.0	-1.5	2.0	1.0	95
94 → 96	6.10	211.5	+5.0	1.0	1.5	0.5	0.3 96
95 → 97	4.85	025	-1.0				97
	139	15	144				

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(4)



stat	D	B	A	L	R	U	D		
97→98	5.50	005	+8.5	1.2	-	2.5	1.5	97	
98→99	10.10	017	-	-	1.0	1.5	1.0	98	
99→100	7.35	040	-	-	0.8	1.0	1.6	99	
100→101	5.00	012	+9.5	1.5	-	1.0	1.6	100	
101→102	6.00	130	+1.0	-	1.2	1.5	0.5	101	
102→103	2.88	093.5	+3.5	1.0	-	1.0	0.5	102	
103→104	2.77	138	-5.0	-	0.7	1.0	0.8	103	
104→105	6.14	133	+0.5	0.5	1.5	1.2	0.5	104	
105→106	5.88	152	+3.5	2.0	1.0	0.5	0.6	105	
106→107	6.82	184.5	+1.0	-	1.5	0.6	0.6	106	
107→108	3.40	095.5	+12.5	2.0	1.2	1.0	0.8	107	
					3.4	3.0	15.0	1.6	108
	62								
	104								
	206								

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6



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7

stat	D	B	A	L	R	U	D
108 → 109	16.20	012.5	+13.0	4.5	-	5.0	1.8 109
109 → 110	17.38	321.5	-	8.0	-	9.0	1.5 110
110 → 111	30.00	328	-2.5	7.0	1.0	4.0	1.5 111
111 → 112	11.58	287.5	+1.5	-	4.0	2.0	1.5 112
111 → 113	20.57	232.5	+22.5	8.5	1.5	2.5	- 113
113 → 114	15.68	164.5	+4.5	0.8	0.8	-	1.5 114
113 → 115	6.70	341	+7.5	1.0	1.5	-	1.3 115
112 → 116	15.85	353.5	-	4.5	-	2.0	1.8 116
116 → 117	12.80	303	-2.0	4.0	-	3.0	1.2 117
117 → 118	18.36	299.5	-1.5	1.0	3.0	2.5	1.0 118
118 → 119	18.25	270	-5.5	4.0	3.0	6.0	0.5 119
119 → 120	12.13	300.5	+6.5	3.0	-	4.0	1.5 120
120 → 121	26.70	278	-3.0	-	2.0	2.0	2.5 121 ent
121 → 122							122
122 → 123							123
							230

Use same GPS reading for TK015 as TK012, TK015 is c. 50m to the N.E. of TK012.

206
456

(8) low/10cm STAIRS DRAWN

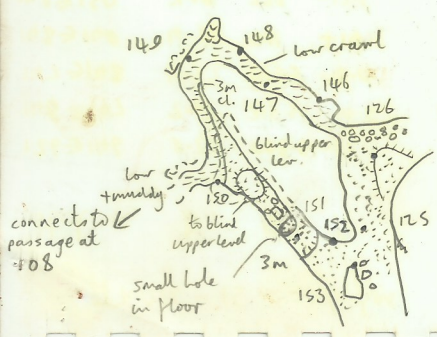


(9)

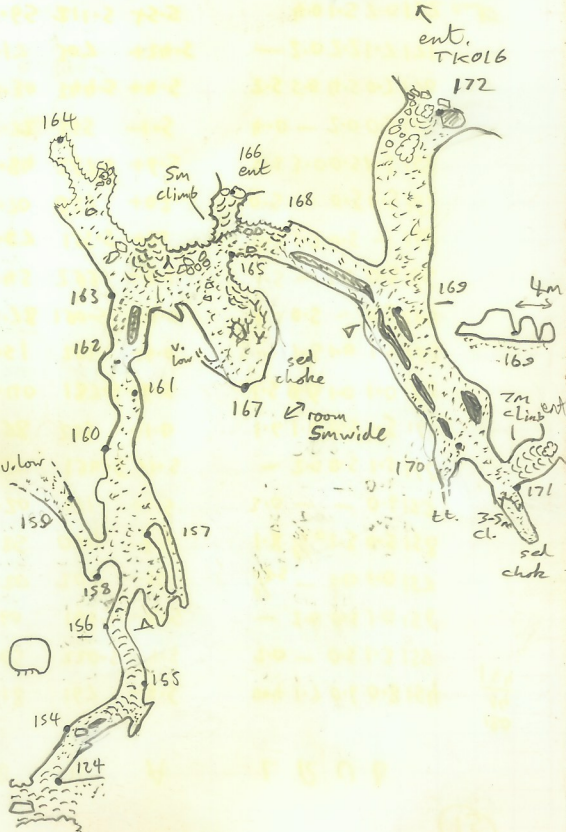
stat	D	B	A	L	R	U	D	
								446
								239
								685
								144
								829
108 → 122	9.94	206	+19.5	3.5	-	3.0	1.6	122
122 → 123	10.94	176.5	41.5	1.5	1.0	10.0	2.0	123
123 → 124	12.30	135.5	-7.0	6.0	-	15.0	0.6	124
124 → 125	26.55	072.5	-1.5	1.0	4.0	4.5	0.7	125
125 → 126	12.20	055	-1.0	4.0	7.0	3.0	1.6	126
126 → 127	21.95	110	-1.5	4.5	-	1.5	1.8	127
127 → 128	23.05	047	-0.5	-	3.5	0.2	1.6	128
128 → 129	7.15	123	+3.0	1/2.0	2.0	-	1.6	129
129 → 130	6.47	050	-6.5	0.5	0.3	-	0.6	130
130 → 131	3.52	041	-4.0	0.3	0.3	-	0.4	131
129 → 132	20.40	175.5	-0.5	-	3.0	1.0	1.0	132
132 → 133	14.44	195.5	-	-	4.0	1.0	1.5	133
133 → 134	18.15	230.5	+1.0	10.0	-	2.0	1.6	134
134 → 135	21.45	155.5	-	10.0	0.2	5.5	1.3	135
135 → 136	13.22	121.5	+1.5	-	5.0	1.5	1.8	136
136 → 137	22.50	143	-2.5	0.4	-	0.1	0.2	137
135 → 138	7.70	168	-1.5	7.0	1.0	0.2	0.3	138
138 → 139	5.30	139	-8.0	1.5	1.0	1.3	0.3	139
139 → 140	7.60	158	-1.5	-	2.0	0.5	0.3	140
140 → 141	11.00	136.5	+1.0	1.2	-	0.6	0.5	141
141 → 142	6.78	140.5	-	-	1.5	1.0	0.5	142
142 → 143	3.13	205	+4.0	1.7	-	0.3	1.3	143
143 → 144	5.65	195	-2.0	2.0	-	0.2	0.4	144
144 → 145	3.90	030	-7.0	0.5	0.5	-	1.0	145
	296							

start	D	B	A	L	R	U	D
126 → 146	9.20	008.5	-17	1.3	-	1.0	0.8 146
146 → 147	2.67	315.5	-10.5	0.2	1.0	0.5	0.3 147
147 → 148	4.22	343.5	-3.0	1.8	-	1.3	0.1 148
148 → 149	4.70	311	+14	2.5	0.5	1.2	1.2 149
149 → 150	7.18	222	-17.5	-	2.0	2.0	1.0 150
149 → 151	13.78	193	+19.5	1.0	1.0	4.0	- 151
151 → 152	7.70	192.5	+34	-	4.0	4.0	1.5 152
152 → 153	8.24	214.5	-41	2.5	3.0	12.0	0.5 153
153 → 125	3.60	094.5	-10				

64
222
286

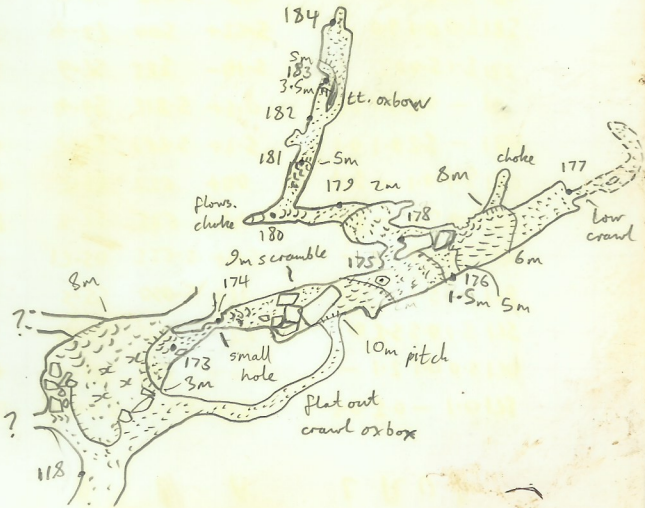


GPS-47P OS05594
1701949
on West side of hill.



stat	D	B	A	L	R	U	D
124→154	6.18	167	-8.5	0.4	1.7	0.6	0.8 154
154→155	9.65	220.5	-4.5	2.0	-	0.5	1.3 155
155→156	3.60	168.5	+8.5	-	2.0	0.5	1.0 156
156→157	2.20	209	-10	1/3.5	-	1.0	1.0 157
157→158	5.85	074	-8.5	1.8	1/2.0	1.3	0.5 158
158→159	2.20	171	+1.5	3.0	-	-	0.6 159
157→160	10.10	194.5	+1.5	-	2.0	0.5	1.5 160
160→161	3.98	223	+1.0	1.6	1.0	0.5	1.3 161
161→162	5.40	187.5	-6.5	1.5	0.6	1.0	1.0 162
162→163	5.51	201	+6.0	-	1.5	1.0	1.5 163
163→164	14.78	190.5	+4.0	1.0	0.5	-	0.3 164
163→165	11.45	299	+3.5	1.5	-	3.0	0.8 165
165→166	6.57	195.5	+36	0.2	1.2	0.5	- 166
165→167	14.70	037	-02	0.5	-	0.3	0.3 167
165→168	4.84	267.5	+6.5	0.5	3.0	0.5	1.3 168
168→169	19.72	355	-1.5	4.0	-	2.0	0.5 169
169→170	15.30	344.5	+4.5	2.5	5.0	4.5	0.7 170
170→171	5.17	307	+24.5	-	2.0	2.2	1.7 171
169→172	17.65	211.5	45.5	4.0	1.5	2.0	172 ent
172→173							

180
786
966
747
1748



stat	D	B	A	L	R	U	D
118 → 173	11.03	315.5	+13	3.0	3.0	-	1.0 173
173 → 174	5.88	321	-9.0	-	1.2	1.0	0.5 174
174 → 175	15.54	027	-27	1.0	3.5	5.0	1.5 175
175 → 176	5.35	050.5	+11	4.5	-	3.5	1.5 176
176 → 177	17.50	359.5	+1.5	-	0.5	0.2	0.2 177
175 → 178	3.75	329	-14	0.8	-	2.5	0.6 178
178 → 179	7.33	239	+40	1.5	-	1.0	1.5 179
179 → 180	7.25	197.5	+2.5	1.0	1.0	2.5	- 180
180 → 181	4.65	318.5	+3.0	0.5	1.5	3.5	- 181
181 → 182	6.75	333	+41.5	-	2.0	4.5	1.3 182
182 → 183	4.27	005	+27.5	-	0.6	1.0	0.3 183
183 → 184	7.30	359.5	-24	-	0.5	0.2	0.1 184

97
 966
 1063
 782
 1845