

Hua Nam Khies - 23/2/29

(1)

Tham Sasa

entrance chamber 17.20 hrs

air temp = 16.5°

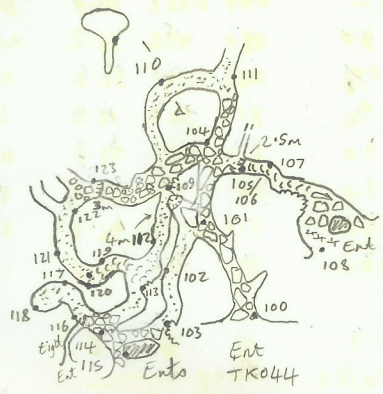
humidity = 95%

at ranger station 17.40 hrs

air temp = 28°

humidity = 57%

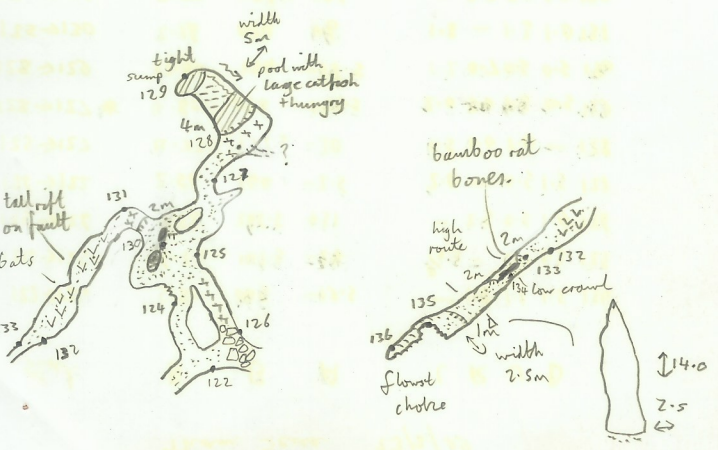
(2)

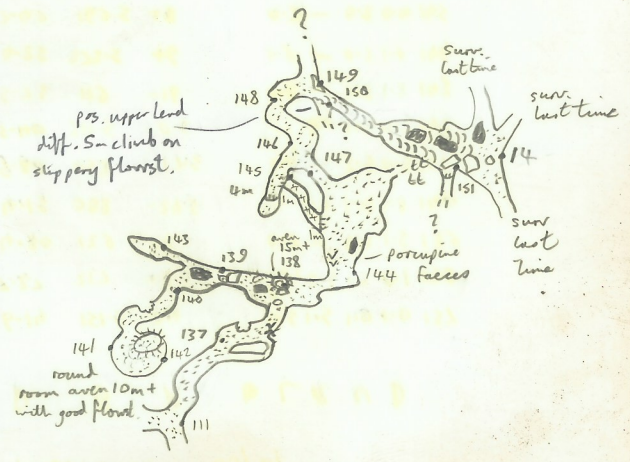


stat	B	B	A	L	R	U	D
100 → 101	5.05	080	-36	1.0	0.5	2.5	0.3 100 E
101 → 102	2.74	352.5	+13	0.5	1.2	2.5	0.3 101
102 → 103	2.85	307.5	-0.5	0.5	-	2.0	0.3 102
103 → 104	5.34	148	-32	0.4	0.3	3.0	0.5 103 E
104 → 105	2.21	275	+18	0.5	1.2	1.5	0.5 104
105 → 106	2.75	00	+90	0.5	-	3.3	0.2 105
106 → 107	2.35	234	+30	0.8	-	0.2	leg 106
107 → 108	6.10	293.5	+40	-	0.7	0.5	0.5 107
104 → 109	3.96	018	-13	2.2	0.4	0.6	0.3 108 E
109 → 110	4.34	145.5	-25	0.5	0.2	1.0	0.7 109
110 → 111	3.29	213	+10.5	-	0.3	1.2	1.3 110
111 → 104	3.70	333	+33	0.5	-	2.0	1.3 111
109 → 112	3.15	337.5	-3	0.7	-	0.4	0.4 112
112 → 113	3.73	315	+11.5	0.5	0.2	0.7	1.2 113
113 → 114	6.14	347	+4	0.5	-	1.6	3.0 0.4 114
114 → 115	4.10	263	+36.5	-	1.8	3.5	1.5 115 E
114 → 116	4.45	067.5	-21	-	1.0	1.3	1.3 116
116 → 117	3.22	096	-3	2.0	-	0.8	1.2 117
117 → 118	4.80	004	-11	0.2	0.1	-	0.4 118
113 → 119	4.29	057	-22	1.8	-	0.5	1.6 119
119 → 120	3.02	359	-30	1.3	1.0	1.0	1.0 120
120 → 121	3.91	006.5	-9	-	1.8	0.3	1.3 121
121 → 122	6.48	171	-7.5	0.5	-	2.0	1.6 122
123 → 122*	2.79	357.5	+30	-	0.5	3.0	2.0 123
123 → 109	5.95	260	+30.5				

stat	D	B	A	L	R	U	D
122 → 124	5.80	065	-19.5	-	1.8	1.5	1.5 124
124 → 125	6.25	142.5	-24	$\frac{1}{2}$.5	-	1.7	1.3 125
125 → 126	9.18	265.5	+31	-	2.5	0.5	1.0 126
126 → 127	2.56	344	-2.5	2.0	-	0.5	1.5 127
125 → 127	4.73	173.5	-30	1.5	1.0	3.0	- 128
128 → 127 *	4.80	028	+40.5	2.0	3.0	1.5	0.5 129
128 → 129	11.00	134	-18.5	1.2	0.7	0.5	0.5 130
125 → 130	2.18	074	+6	1.8	-	1.3	1.0 131
130 → 131	3.73	086.5	+36	-	2.3	3.0	1.0 132
131 → 132	15.55	347	+10	0.6	1.0	4.0	0.3 133
132 → 133	3.07	015	-0.5	-	-	-	- 134
133 → 134	3.85	345.5	-73	0.1	0.3	0.3	- 134
134 → 135	14.00	351	-1	-	0.7	1.2	0.1 135
135 → 136	4.49	330	+44	0.3	0.1	10.0	1.0 136

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stat	D	B	A	LRUD
111 → 137	6-14	151-5	+4	0.5 1.5 1.0 1.0 137
137 → 138	7-27	217	+8-5	1/2 0.4 1.9 0.1 138
138 → 139	4-80	129	+2	0.7 - 5.0 1.5 139
139 → 140	4-15	088	-24-5	- 1.0 1.0 1.0 140
140 → 141	5-80	058	-17-5	leg - 3.5 0.3 141
141 → 142	5-40	311-5	-0-5	- leg 10.0 0.2 142
139 → 143	5-73	119	-16	0.8 - 1.5 1.3 143
138 → 144	4-25	272-5	+6	1.9 - 0.7 1.0 144
144 → 145	7-49	169-5	+8	0.7 - 0.2 0.4 145
145 → 146	3-51	206-5	-27	0.3 1.5 1.2 0.5 146
147 → 144*	5-83	003	+8	- 1.3 0.3 0.7 147
147 → 146	4-15	178	+4	- 1.6 0.8 1.1 148
146 → 148	3-20	180	-7	1/2 - 1.0 1.8 149
148 → 149	4-77	246-5	-9	0.6 - 2.5 1.0 150
149 → 150	2-37	328-5	-17	1.3 % 8.0 1.4 151
150 → 151	10-09	258-5	-40	
151 → 14	4-23	220	-25	
		88		
		101		
		91		
		<u>280</u>		

G-PS coordinates

TK034 - 47P 0506546
1702173

TK034a - 47P 0506527
1702213

TK044 - 47P 0506560
1702332

TK045 - 47P 0506578
1702253

TK046 - 47P 0506583
1702381

Tham Seua 24/2/99

(1)

in ent chamber. 10.30 hrs

air temp 16°C
humidity 89%

13.30 hrs

air temp = 17°C
humidity = 85%

17.00 hrs

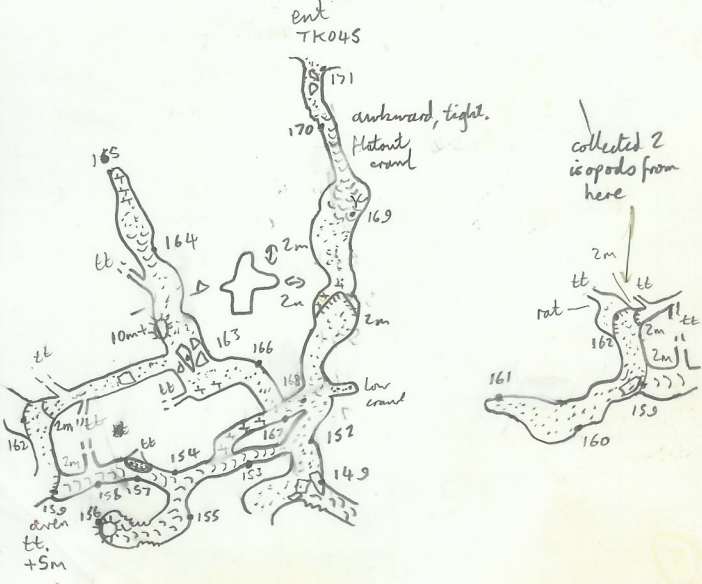
air temp = 17°C
humidity = 90%

18.00 hrs

air temp = 17°C
humidity = 96%

at ranger station 18.15 hrs

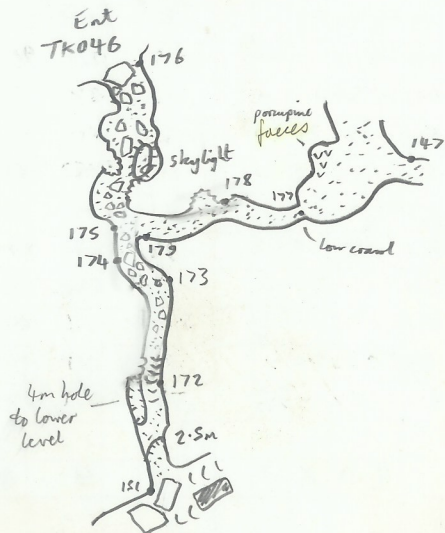
air temp = 22.5°C
humidity = 79%



stat	D	B	A	L	R	U	D
149 → 152	2.45	175	-34	% 0.8	-	2.0	0.8 152
152 → 153	4.40	088	+26	-	0.6	1.5	1.1 153
153 → 154	4.20	126	+45	% 1.2	-	2.0	0.4 154
154 → 155	3.64	043	+36.5	-	1.2	1.8	0.4 155
155 → 156	4.11	139	+34	0.4	0.4	% 1.0	1.3 156
154 → 157	1.86	155	+19	-	0.5	1.8	% 0.6 157
157 → 158	2.88	140	+47	-	% 0.4	0.6	1.0 158
158 → 159	2.50	110	+25	0.2	0.6	1.5	- 159
159 → 160	3.43	103	+21	-	1.1	4.5	0.3 160
160 → 161	3.90	176	00	0.4	-	0.2	0.1 161
159 → 162	2.83	206.5	-38	-	% 0.6	3.2	% 2.5 162
162 → 163	6.61	273	-44	% 1.0	1.0	1.0	0.5 163
163 → 164	7.54	171	+10	0.6	-	0.7	0.5 164
164 → 165	3.73	147.5	+35	-	0.3	-	0.5 165
163 → 166	3.95	305	-26	-	1.2	0.6	0.5 166
166 → 167	2.90	019	-9	1.9	-	0.6	0.6 167
167 → 168	2.14	264	+5	0.4	0.4	-	1.7 168
168 → 152	2.39	351	-2	1.5	0.7	1.1	0.1 169
168 → 169	8.91	228.5	+11	-	0.3	0.1	0.3 170
169 → 170	4.40	208.5	+36	0.5	-	0.3	0.2 171 E
170 → 171	2.31	238.5	+18				

Tham Seua 24/2/99

(4)



24/2/99 Tham Seua

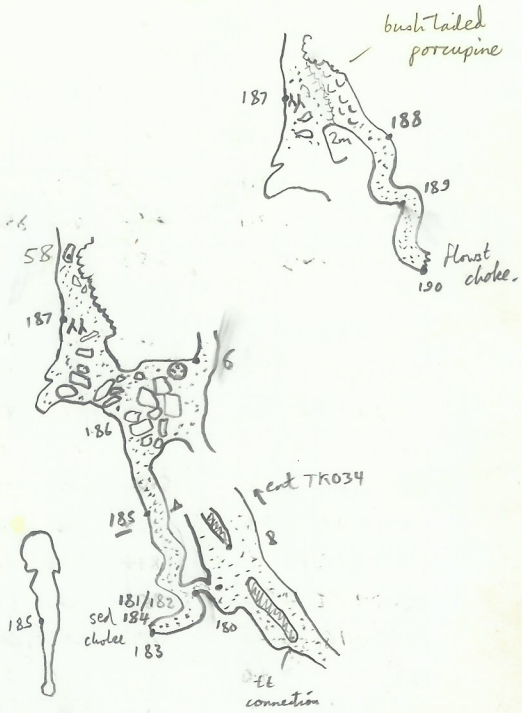
(5)

stat	D	B	A	L	R	U	D
151 → 172	4.52	355.5	+54	0.9	-1.0	1.8	172
172 → 173	5.46	024	+12	1.1	-0.1	0.3	173
173 → 174	3.00	305.5	+22.5	-	1.2	0.2	0.4 174
174 → 175	2.05	357	+29	0.1	1.6	1.5	0.4 175
175 → 176	6.08	005.5	+26	1.8	-1.5	0.5	176 E
147 → 177	5.94	280.5	-11	0.3	0.3	0.1	0.1 177
178 → 177*	2.05	129.5	-7	0.3	0.3	1.0	0.5 178
178 → 179	4.31	262.5	-4	-	1.1	0.4	0.9 179
179 → 175	1.76	290	-5.5				

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Tham Seua 24/2/99

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Tham Seua 24/2/99

(7)

stat	D	B	A	L	R	U	D
8 → 180	3.10	021	+14	0.6	ly	-	0.5 180
180 → 181	1.05	082	+17	-	0.4	4.0	0.3 181
181 → 182	1.02	00	+20	0.6	-	3.0	1.5 182
182 → 183	1.85	015	+18	-	0.3	2.0	2.0 183
182 → 184	0.80	00	+20	0.7	-	2.0	2.0 184
184 → 185	3.55	144	-8.5	0.1	0.3	3.0	2.5 185
185 → 186	3.26	137	-17	1.2	ly	0.3	0.5 186
6 → 186	8.38	224	-29	-	1.9	5.5	1.6 187
186 → 187	8.06	132	+19.5				188
187 → 58	3.56	184.5	+21				
187 → 188	7.60	281	+6.5	-	2.0	1.0	1.0 188
188 → 189	6.08	322	-5.5	1.8	-	0.2	0.5 189
189 → 190	4.64	351	+6	1.2	-	0.3	0.5 190

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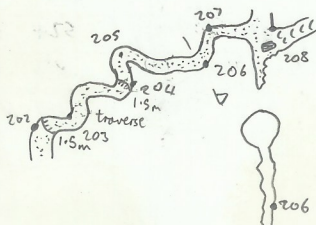
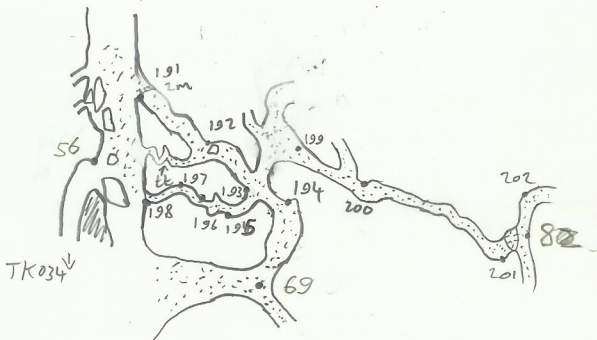
117

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(8)



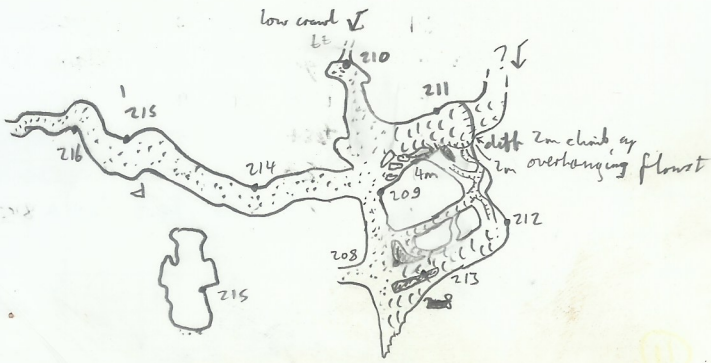
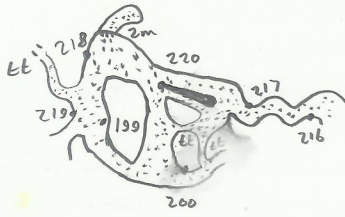
Tham Sewa 24/2/99

(9)

stat	D	B	A	L	R	U	D
56 → 191	5.36	039	+18	0.8	-	12.0	0.1 191
191 → 192	5.15	118	+29	-	1.2	12.0	1.5 192
192 → 193	3.60	140	-10.5	0.4	-	10.0	1.3 193
193 → 194	1.85	114	-18	-	0.7	11.0	1.0 194
194 → 69	3.79	197	-34	-	0.6	2.0	0.9 195
193 → 195	1.40	228.5	-38	0.4	-	1.5	1.5 196
195 → 196	1.97	281	+3	0.3	-	1.0	2.0 197
196 → 197	1.75	304	+13	-	0.4	1.0	2.0 198
197 → 198	1.33	255	-20				
198 → 56	4.85	281	-28.5				
193 → 199	1.91	061	+23.5	0.2	0.4	9.0	1.3 199
199 → 200	3.66	138.5	+1	-	0.7	1.0	1.3 200
200 → 201	7.09	126.5	+3.5	0.8	-	7.0	0.8 201
201 → 82	2.87	037	+12	-	0.4	4.5	1.5 202
82 → 202	1.70	346	+4	-	0.3	5.5	1.4 203
202 → 203	3.55	099	-44.5	0.3	-	6.0	0.5 204
203 → 204	2.63	093	+1	0.1	0.2	6.0	0.5 205
204 → 204 *	0.87	165	-17	0.3	-	6.5	0.5 206
205 → 206	2.90	105.5	+11	-	0.3	2.0	0.5 207
207 → 206 *	1.47	245	+1.5	0.0	0.0	9.0	1.0 208
207 → 208	2.34	117	+2				
208 → 208	2.47	01.5	-7				

Tham Sena 24/2/99

(10)



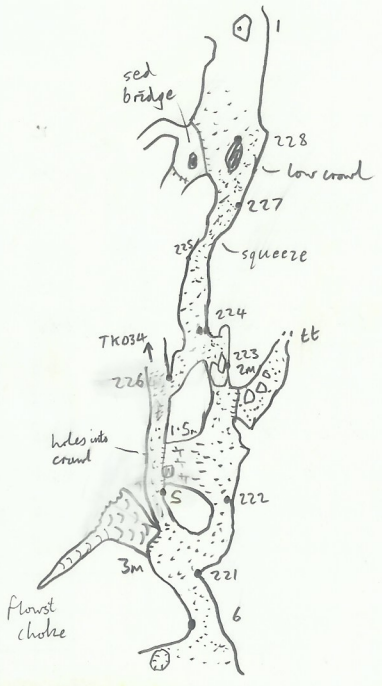
Tham Sena 24/2/99

(11)

stat	D	B	A	L	R	V	D
208 → 209	2.47	021.5	-7	0.7	-	5.0	0.4 209
209 → 210	6.48	015	-3	1.0	0.2	0.3	0.1 210
209 → 211	4.45	072	+32	-	0.6	4.0	0.5 211
211 → 212	5.50	200	+72	-	0.7	1.0	1.0 212
212 → 213	3.95	290	-56	-	0.4	2.0	0.6 213
213 → 208	1.19	322	-37	1.3	-	1.7	1.3 214
209 → 214	5.04	283.5	+15	1.2	-	1.5	0.6 215
214 → 215	6.23	277	+1.5	-	0.5	0.2	1.5 216
215 → 216	3.07	273	00	0.4	-	0.6	0.6 217
216 → 217	2.80	267.5	-16	0.6	-	2.0	0.4 218
217 → 218	4.42	300.5	+1	1.0	-	8.0	1.2 219
218 → 219	2.00	212	-8.5	-	-	-	-
219 → 199	1.24	126.5	-3	-	-	-	-
200 → 220	3.28	352	+6.5	0.5	1.0	0.6	0.6 220
220 → 218	2.77	315.5	-2	-	-	-	-
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Tham Sewa 24/2/99

(12)



Tham Sewa 24/2/99

(13)

stat	D	B	A	L	R	U	D
221 → 6	4.50	031	-4	0.9	-	0.6	0.3 221
221 → 222	3.75	239	+13.5	1.2	0.2	0.2	0.7 222
222 → 223	6.93	179	+4	1.5	-	0.2	1.5 223
223 → 224	2.75	108	-30	1.1	0.5	-	0.6 224
224 → 225	2.00	138	-11	-	0.6	0.2	0.2 225
226 → 224	3.47	182.5	+6	0.5	-	0.3	0.2 226
5 → 226	2.22	154.5	-6				
227 → 225	2.34	002	-5	0.6	-	0.1	0.2 227
228 → 228	3.03	320.5	-10	-	0.6	0.2	0.2 228
228 → 1	7.45	142	+10				