

27/8/99 - cave near headquarters

① 47P 0497511 (HQGEOS)
1739584

outcrop of L2 limestone in stream gully

dip \swarrow 330°
 45°

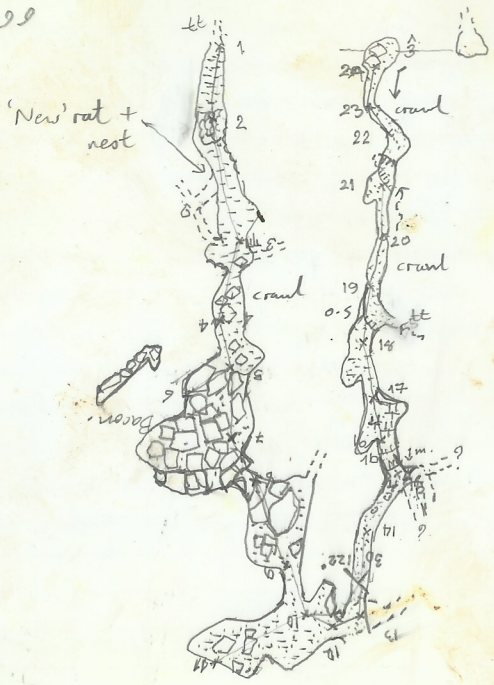
② TK062 47P 0497162
1739945

Small stream side entrance at edge of old field
cave formed in L2 limestones, fossil passages.
+ chambers follow strike, smaller seasonal
passages head down dip. reasonable curtains on
large breakdown slabs in chambers. sloping roofs of chambers.
small popcorn cones
limestone is ^{dark} well bedded with thin slates and
calcareous silt stones. no fossils seen

1 specimen of the cave rat was seen and a
nest of fresh leaves - extends range of species.
medium sized rhinolophus bats (c.10) - not ident.
hairy moths, huntsman spiders, crickets +
cockroaches. porcupine signs + fresh bear faeces.
small white isopods common in cracks, tiny
white mite (?) seen. several long-legged, brown
palpigrade spotted near entrance.

cave floods nearby Cavip Supplies Ltd., Buxton, England roof in heavy rain.

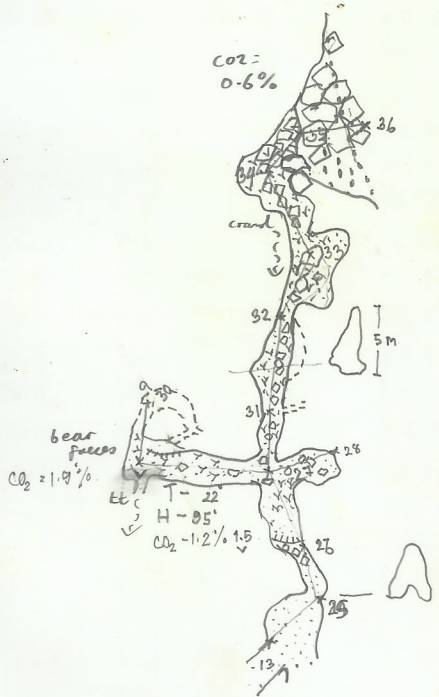
TK062
22/8/99



From	To	D	B	A	L	R	U	D	TK062
2	→ 1	10.0	340	-75	0.2	0.4	0.1	0	22/8/99
2	→ 3	7.09	167	0	0.5	2.0	0.3	0	
3	→ 4	4.10	181	+13	0.3	0.5	0.5	0.2	
4	→ 5	2.46	120	-22	1.0	0.3	0.3	0.2	
5	→ 6	4.74	272	+35	0.5	0.5	0.3	0.5	5
6	→ 7				1.5	1.2	0.4	0.2	
5	→ 7	3.41	131	+2	0.4	1.7	0.3	0.5	
7	→ 8	3.57	090	-36	1.8	4.5	0	1.0	
8	→ 9	4.40	117	-75	3.0	1.0	0.2	0.3	
9	→ 10	6.43	108	+4	2.0	0.5	1.0	1.0	
10	→ 11	6.95	195	+36	2.5	2.5	0	1.0	
11					1.5	2.5	1.3	1.3	
10	→ 12	2.92	066	-21	2.5	1.5	1.0	0	(12)
12	→ 13	2.15	031	-37	0.1	0.5	0.5	1.5	(12)
13	→ 14	1.79	006	0	0.5	0	0.2	0.3	
14	→ 15	2.63	024.5	-10	0.5	0.5	0	0.4	(14)
15	→ 16	2.69	010	-40	0.5	0.6	0	0.8	15
16	→ 17	3.20	020	0	0	1.0	0.8	0.8	
17	→ 18	3.47	236	-31	0.3	1.0	0	1.0	
18	→ 19	4.30	003.5	-29	1.0	0.3	0	0.5	18
19	→ 20	1.87	024.5	0	0	0.5	0.2	0.4	
20	→ 21	2.30	000	-10	0.3	0	0.2	0.4	20
21	→ 22	2.45	011.5	+1	0.8	0.4	0.5	0	
22	→ 23	1.8	334	0	0	0.5	0.2	0.2	22
23	→ 24	3.0	027	-3	0	0.5	0.2	0.2	
24					1	3	3	0	24

CO₂ Ent. 0.6%

TK062 22/8/99



Sta.	D	B	A	L	R	V	D	TK062
13→25	3.4	178	+1	0	0.4	0.3	0.3	22/8/99
25→26	2.7	136	+5	1.5	0	2	0.4	25
26→27	5.84	124	-28	1.7	0	1	0.3	
27→28	4.42	225	+33.5	1.0	1.8	2.5	0.4	27
28				1.5	3.0	2.0	0.5	28
27→29	9.87	035	-15	-	-	-	-	
29→30	4.43	150	+15	1	2	0	0.5	29
30				0.5	2.0	0.2	0.1	30
27→31	4.12	134.5	+2	2	1	2.5	0.4	27
31→32	7.27	168.0	+3.5	0	1.2	5	0.5	31
32→33	3.00	202.5	-16	0	0.5	1.5	0.7	32
33→34	6.05	134.5	-18	1.6	3.0	1.2	0.4	
34→35	3.28	174	+27.5	3.0	1.5	0.5	0	34
35→36	9.89	242.5	+34	1.0	2.5	0.5	1.5	
36				6.0	5.0	1.5	1.5	36 (TK062)

TK062 22/8/29,

- slightly elevated CO_2 in lower parts even with draught.
outlet for water unknown,