

Tham Phra Tat 23/6/02

calibration: compass - 054.5, 234, 054.5, 234
correction = -0.25 / +0.25
dino - -04, +05, -04, +05
correction = -0.5

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rangers - Sombat Lipkukhico, Rungrot
Kerdsuwan, Jaras Phanchu,

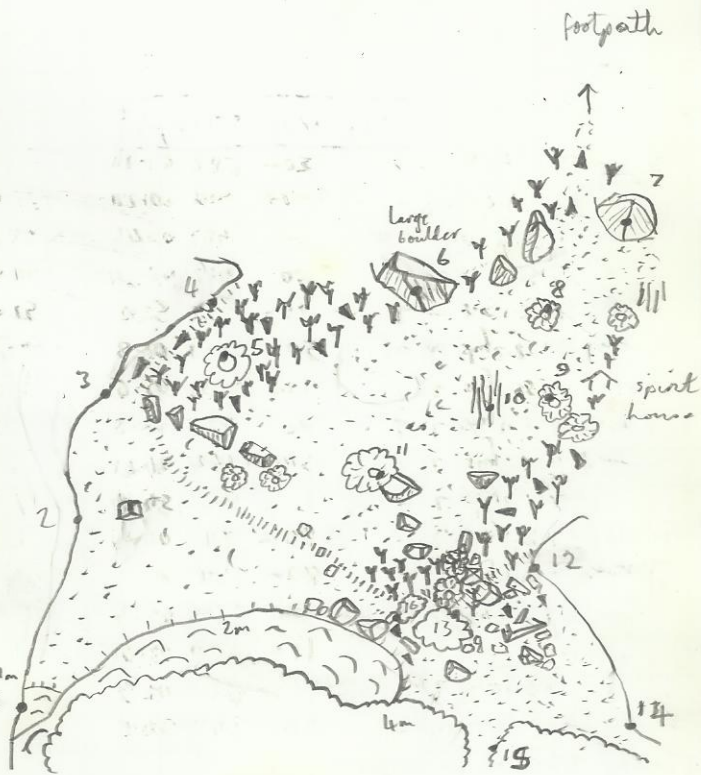
Sunata compass / dino 30m tape BCRA grade 5d

Nophadon Lakhon, Sakda
Pata

WALLS KA0160

Phra Tat entrance area

①



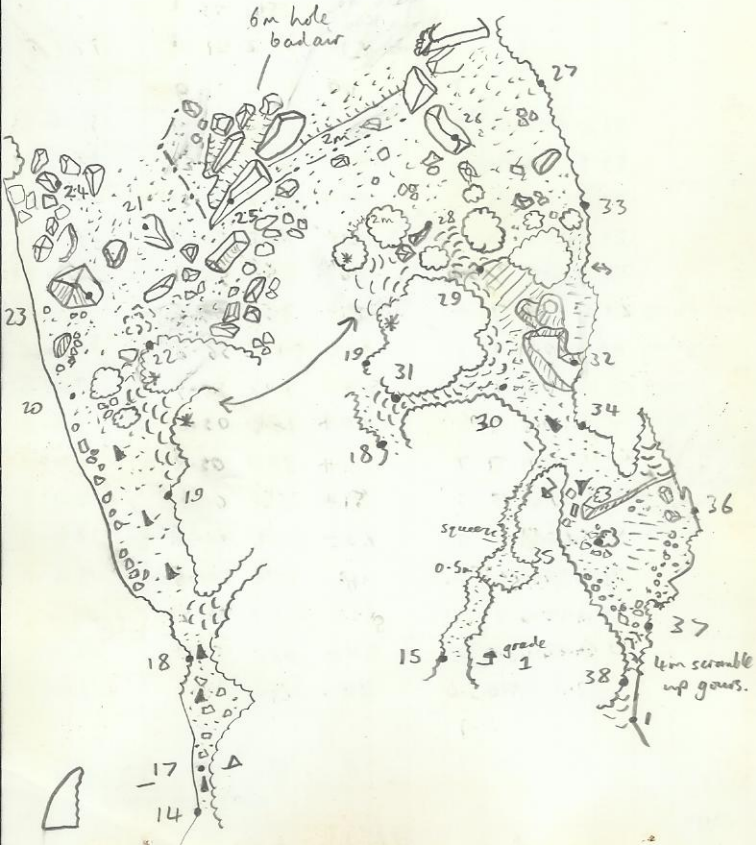
Phra Tat 23/6/02
entrance area.

②

stat	D	B	A	L R U D
1→2	7.40	043	-03	- 2.00-71.35 1
2→3	6.20	029	+03	- L 3.01.5 2
3→4	10.80	074	+11	- L 2.01.6 3
4→5	4.00	202	-	- L 4.02.0 4
4→6	11.00	118.5	-08	L L sky 1.4 5 tree
6→7	14.10	118	-06	- L sky 1.8 6
7→8	8.45	278	-	- L sky 1.3 7
7→9	12.10	261	+05	L L sky 1.3 8 tree
9→10	3.60	325	-07	L L sky 1.4 9 tree
9→11	9.50	283.5	+01	L L sky 1.35 10 bamboo
11→12	8.10	172	-05	L L sky 2.2 11 large tree
12→13	7.25	252	-08	L - 3.5 1.7 12
12→14	15.80	214	-09	- L 7.01.6 13
12→15	17.20	234	-08	- 1.40.4.1.8 14
15→16	12.00	014	+10.5	- 1.63.71.6 15
16→1	11.10	289	+03	L - 6.01.7 16

Tham Phra Tat 23/6/02
speleothems

(3)

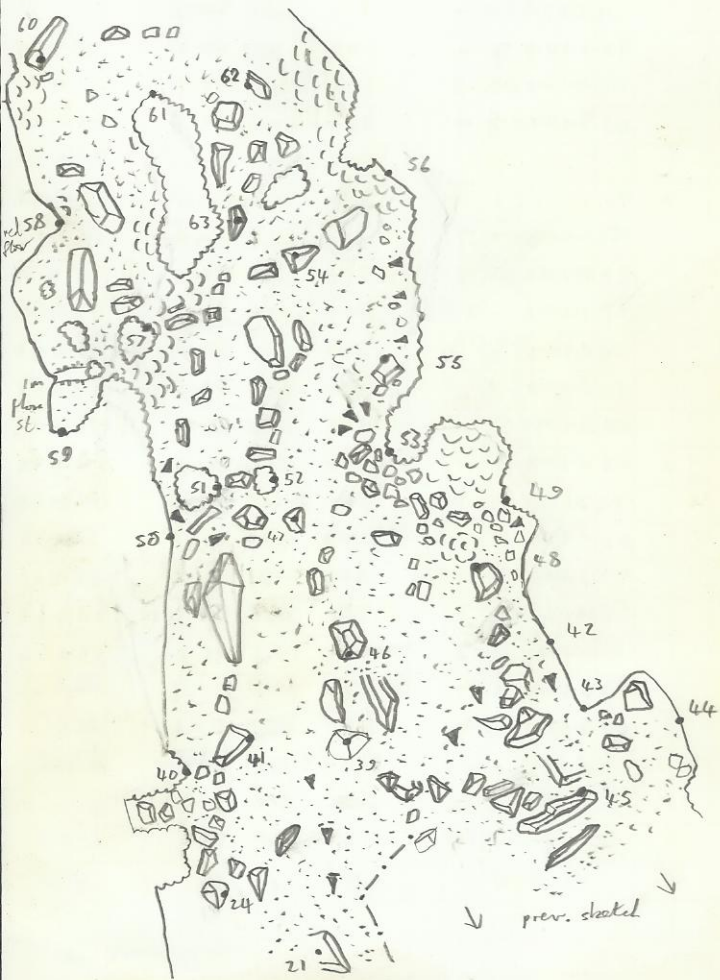


Tham Phra Tat - 23/6/02
speleothems

(4)

stat	D	B	A	L	R	U	D
14→17	3.85	187	-07	0.5	0.5	-	1.25 17
17→18	5.10	216	-11.5	-	0.8	2.0	1.40 18
18→19	13.20	199.5	-11.5	6.80	-	5.0	1.40 19
19→20	9.15	130	-4.5	1.40	1.25	1.7	1.40 20
20→21	18.70	184	-07	L	L	15.00	5 21
21→22	11.90	333.5	+13	L	L	14.01	5 22
21→23	8.30	026	+5.5	L	L	14.0	1.45 23
21→24	10.50	101	+09	7.56	L	9.0	1.5 24
21→25	6.15	284	+01.5	L	L	15.0	1.3 25
25→26	18.95	294.5	+04	L	L	16.0	1.2 26
26→27	8.90	292	+04	-	L	16.0	1.9 27
26→28	11.25	052	+06	4.5	P	10.0	1.55 28
28→29	5.40	321	+12	2.0	2.5	8.00	9 29
29→30	13.95	356	+08	4.7	P	4.0	5.0 1.7 30
30→31	13.35	089	-06	1.1	-	2.0	1.1 31
31→18	4.15	049	+05	P	1.8	9.0	1.65 32
30→32	6.12	237	00	L	-	12.0	1.5 33
32→33	13.40	225	-13	-	-	-	-
33→26	15.56	143.5	-6.5	-	-	-	-
30→34	8.30	309	+04	±	5.3	4.5	1.3 34
34→35	11.75	000.5	-11	L	4.7	6.0	1.45 35
35→36	14.40	288	00.5	-	6.0	1.6	36
35→37	7.05	357	-02	-	4.5	4.00	8 37
37→38	11.50	072.5	+30	1.05	0.40	8.0	8 38

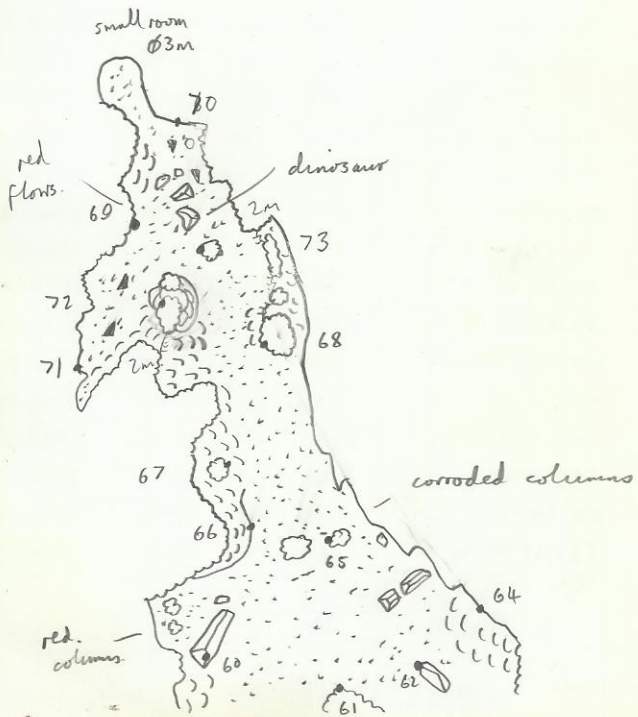
5.20
5.40.5
3.35
1
38 →



stat	D	B	A	L	R	V	D
21→39	17.75	167.5	+07	L	L	20.0	1.1539
39→40	11.60	082	+06	-	L	15.0	1.540
39→41	6.20	101	+02.5	L	L	20.0	0.941
39→42	24.50	248	+04.5	t	-	20.0	1.542
42→43	10.20	318	-25	L	-	25	1.543
43→44	16.25	294.5	+10	L	-	25	1.0544
43→45	11.25	011	-05.5	L	L	25	1.7545
39→46	7.12	186.5	+06	L	L	20	1.6546
39→47	18.20	160	+03	L	L	20	1.2047
47→48	15.25	271.5	+05.5	L	L	20	1.5048
48→49	15.00	229	+19	L	-	15	1.2049
47→50	14.70	069	+13.5	-	L	12	1.550
47→51	8.25	101.5	+10	-	L	15	1.151
47→52	5.50	157.5	+03	L	L	15	1.452
47→53	13.00	206.5	+05	L	-	12	0.553
47→54	21.00	167	+01.5	L	L	12	1.054
54→55	8.75	291	-05.5	L	3.0	12	1.155
54→56	29.50	213.5	+07	L	-	9	0.956
54→57	15.00	074	+03	-	6.3	10	1.557
57→58	13.80	123.5	00	-	8.0	3.5	1.458
58→59	25.00	344	+00.5	2.0	1.0	7.0	1.259
58→60	21.70	161.5	+01	4.1	L	4.0	1.3560
60→61	12.30	281	-03	L	L	9	1.461
61→62	9.35	254	-02	L	L	9	1.362

Tham Pha Tat end bit 23/6/02

(7)



Tham Pha Tat end bit 23/6/02

(8)

stat	D	B	A	L	R	U	D
62→64	12.35	242	+12	L	-	6	0.9 64
62→65	14.90	164	00	3.0	3.5	5	1.7 65
65→66	11.25	108	00	-	L	4	0.6 66
65→67	16.80	129	+6.5	4.8	12.5	3.5	1.6 67
67→68	15.95	194	+00.5	11.5	-	3	1.2 68
68→69	18.70	150	00	-	9.6	4.5	1.5 69
69→70	16.50	228	+08	9/4	3	4	0.8 70
69→71	24.90	024	+03	1.4	-	1.0	1.8 71
69→72	13.10	021	+04	-	4.8	2.5	0.7 72
69→73	8.50	334	-04	8	2	5.0	1.3 73

Erewan National Park 22/6/02

Tham Phou Tat

geology - breccia, faults + bedding
speleothems - large flowstone +
columns, popcorn, red dissolved
+ corroded

fauna - crickets, hairy moths, Bats -
vespertilionid, Hipposideros sp.
small huntsman spiders

culture - local villagers hiding from Burmese
army.

impacts - braing floor throughout
dirty speleothems, some broken

managements - 1) raised trail + viewing platforms
throughout
5) interpretation 2) electric lighting (minimal +
guides with torches)
3) access footpath
4) clean dirty areas of cave

Tham Phra Tat Gradel sketch
Dear 22/6/02.

