

Tham Lawa - In Cave Survey Notes

Entrances / cliff line.

| station | D    | B   | A   |
|---------|------|-----|-----|
| A → B   | 7.30 | 157 | +01 |
| B → 1   | 6.80 | 171 | +04 |
| 1 → C   | 7.62 | 153 | +18 |
| C → D   | 6.68 | 151 | +17 |

Surveyed 13+14/7/95

by Dean Smart +

Utane Timkaew / (C)

using surveyor's compass

dino + fibron tape

BCRF grade 5C.

Locating entrance; triang. bearing  
stat.

1 → my house : 072

1 → bench bottom steps : 048

bench → my house : 133

my house to bend in river : 337

field to knob : 297

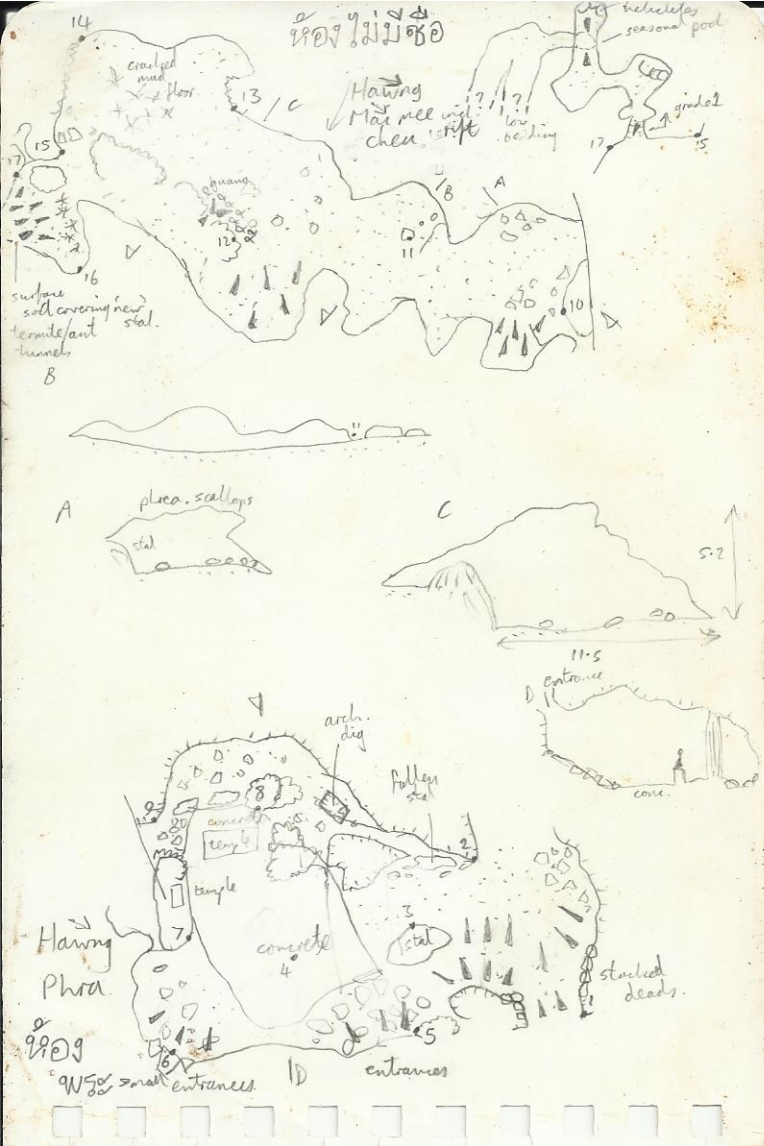
field to bend : 335

field to my house : 190

field to bench : 218



113 steps @ 30cm  
= c. 37m. height  
from ranger station.

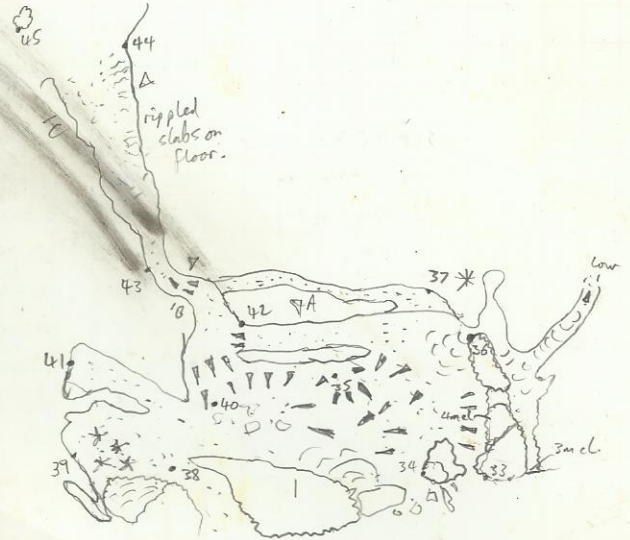
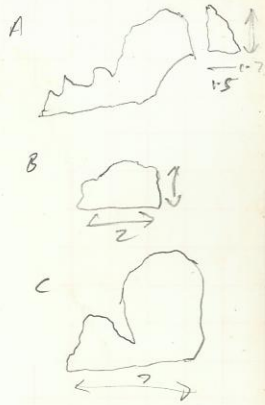


Tham Lanna - In Cave Survey Notes

| Station | D     | B   | A   | L     | R    | C    | F    |
|---------|-------|-----|-----|-------|------|------|------|
| 1 → 2   | 9-80  | 234 | -19 | 1-75  | -    | 0-60 | 1-10 |
| 2 → 3   | 6-90  | 139 | +01 | 4-50  | -    | 2-00 | 0-70 |
| 3 → 4   | 8-48  | 143 | -12 | -     | 4-00 | 2-30 | 0-6  |
| 5 → 4   | 9-83  | 189 | -23 | -     | -    | 5-60 | 4    |
| 6 → 4   | 11-35 | 277 | -12 | -     | -    | E    | 1-60 |
| 7 → 4   | 3-94  | 323 | -18 | -     | -    | E    | 1-40 |
| 8 → 4   | 8-61  | 056 | -09 | -     | -    | 4-50 | 1-70 |
| 8 → 9   | 8-16  | 135 | -07 | -     | -    | 3-60 | 1-40 |
| 9 → 10  | 6-26  | 060 | -02 | 3-40  | -    | 1-30 | 2-00 |
| 10 → 11 | 10-11 | 164 | -03 | -     | 2-30 | 2-60 | 0-30 |
| 11 → 12 | 10-33 | 104 | 00  | 5-20  | -    | 0-30 | 0-30 |
| 13 → 12 | 15-70 | 016 | 00  | 4-00  | 7-20 | 3-30 | 0-40 |
| 14 → 13 | 13-80 | 007 | +03 | 11-00 | -    | 1-50 | 1-50 |
| 15 → 13 | 14-10 | 266 | -08 | -     | -    | -    | -    |
| 16 → 15 | 19-40 | 209 | +07 | -     | -    | 2-50 | 2-00 |
| 17 → 16 | 14-73 | 354 | -01 | -     | -    | 2-20 | 1-40 |
|         |       |     |     | -     | -    | -    | -    |
|         |       |     |     | -     | -    | -    | -    |



| Station | D     | B    | A    | L   | R    | C    | F         |
|---------|-------|------|------|-----|------|------|-----------|
| 20 → 21 | 11.51 | 2.07 | +0.9 | -   | -    | 4.2  | 1.5 20    |
| 21 → 22 | 8.83  | 1.37 | -1.6 | -   | 1.8  | 4.5  | 1.20 21   |
| 22 → 23 | 16.16 | 1.60 | +0.2 | 2.0 | 5.0  | 1.70 | 1.50 22   |
| 23 → 24 | 11.10 | 1.61 | +0.2 | -   | -    | -    | 2.3       |
| 24 → 25 | 6.66  | 2.01 | -0.4 | -   | -    | 1.0  | 1.55 24 * |
| 25 → 26 | 12.50 | 2.50 | +0.3 | -   | 8.50 | 4.20 | 1.20 25   |
| 26 → 27 | 7.42  | 3.13 | -0.5 | -   | -    | 3.8  | 1.30 26   |
| 27 → 28 | 26.20 | 1.70 | -0.3 | -   | -    | -    | 2.7       |
| 28 → 29 | 14.60 | 3.05 | +0.3 | -   | -    | 6.0  | 1.20 28   |
| 29 → 30 | 14.78 | 2.08 | -0.7 | -   | -    | -    | 2.9       |
| 30 → 31 | 12.20 | 2.56 | +0.1 | 2.0 | -    | 1.0  | 1.20 30 * |
| 31 → 32 | 16.40 | 0.27 | +0.5 | -   | -    | 9.0  | 1.75 31   |
| 32 → 33 | 15.20 | 0.50 | +1.7 | -   | -    | 4.0  | 2.0 32    |
| 33 → 34 | 15.48 | 3.31 | +1.3 | -   | -    | 1.5  | 2.6 33    |
| 34 → 35 | 13.56 | 3.00 | +0.9 | 8.5 | 5.0  | 3.0  | 2.0 34    |
|         |       |      |      |     |      |      | 3.5       |
|         |       |      |      |     |      |      | 3.6       |



| station | D     | B   | A   | L   | R   | C   | F            |
|---------|-------|-----|-----|-----|-----|-----|--------------|
|         |       |     |     |     |     |     | 35           |
| 34→35   | 14.18 | 262 | -03 | -   | -   | -   | 1.0 36       |
| 36→35   | 14.77 | 197 | -18 | -   | -   | -   | 1.2 1.6 37 * |
| 37→35   | 16.80 | 149 | -12 | -   | -   | -   | 38           |
| 38→35   | 14.54 | 009 | +14 | -   | -   | -   | 1.4 39       |
| 39→38   | 6.13  | 359 | 00  | -   | -   | -   | 4.0 40       |
| 40→38   | 6.11  | 154 | -03 | -   | -   | -   | 41           |
| 40→41   | 11.04 | 227 | -03 | 2.0 | -   | 0.2 | 1.60 42      |
| 42→40   | 6.00  | 148 | -34 | -   | 1.8 | 0.4 | 1.60 43      |
| 43→42   | 11.05 | 071 | +09 | 7.0 | -   | 2.0 | 1.40 44      |
| 44→43   | 28.14 | 135 | +01 | -   | -   | 6.5 | 2.0 45       |
| 45→44   | 11.70 | 054 | -05 |     |     |     | 46           |
| 45→46   | 30.00 | 140 | -04 |     |     |     | 47           |
|         |       |     |     |     |     |     | 48           |

