Appendix F - YTIVARG - There, and back again. Sump II, JF-4 Kazad-Dum, Junee-Florentine Karst, Tasmania.

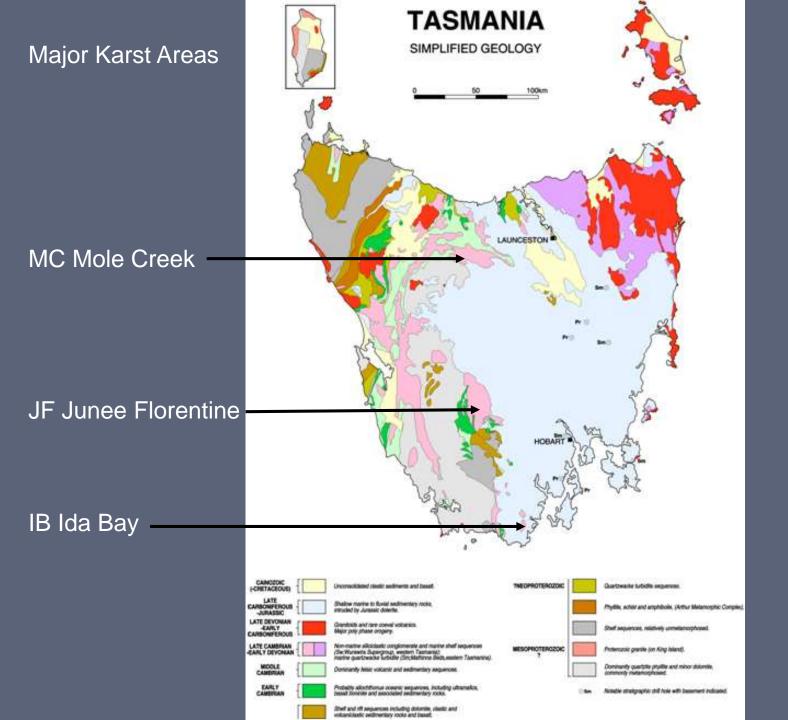


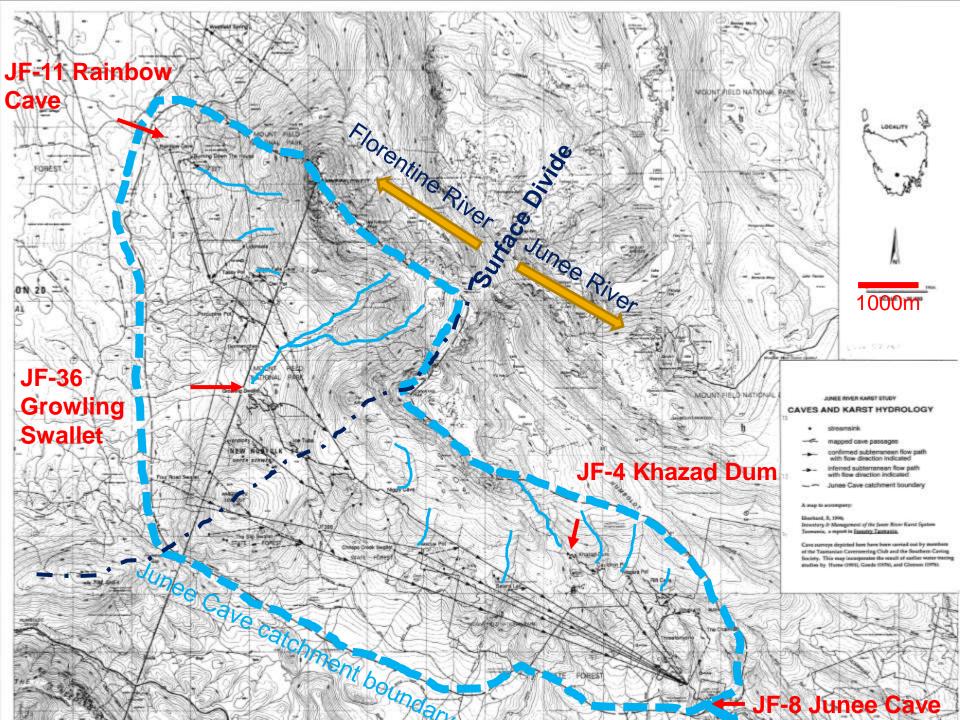




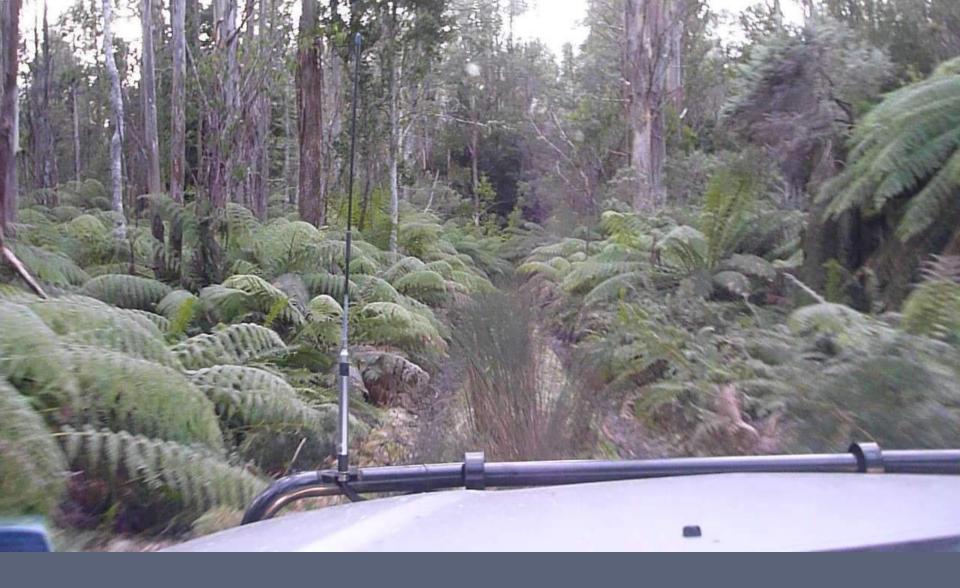
Exploration in:

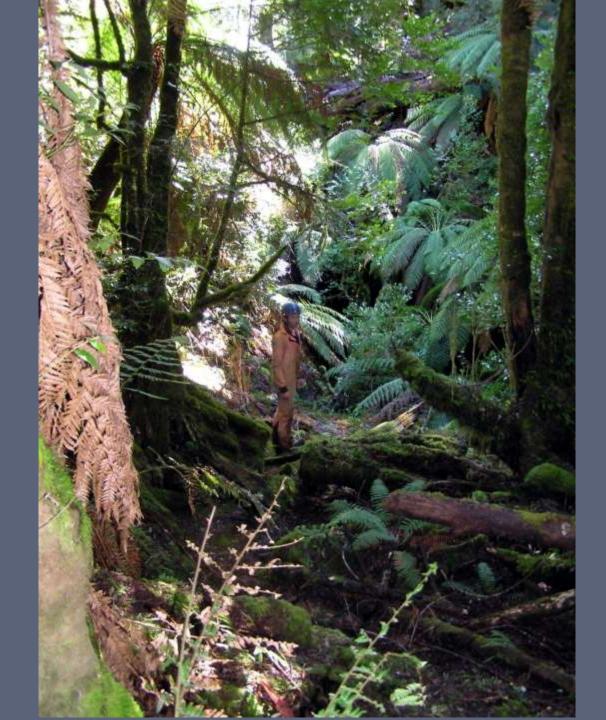
Sump II, *JF-4 Khazad-Dum* Junee-Florentine Karst, Tasmania.











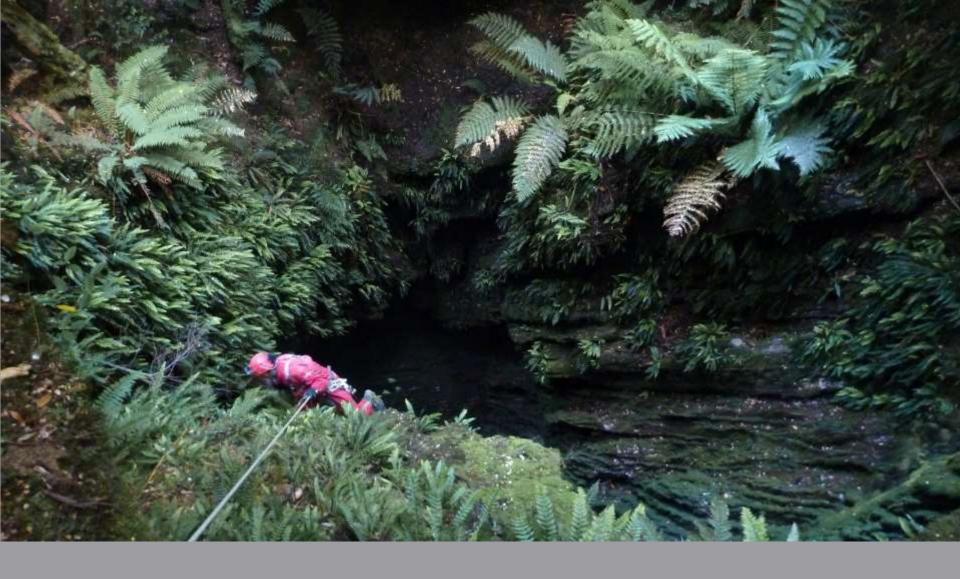




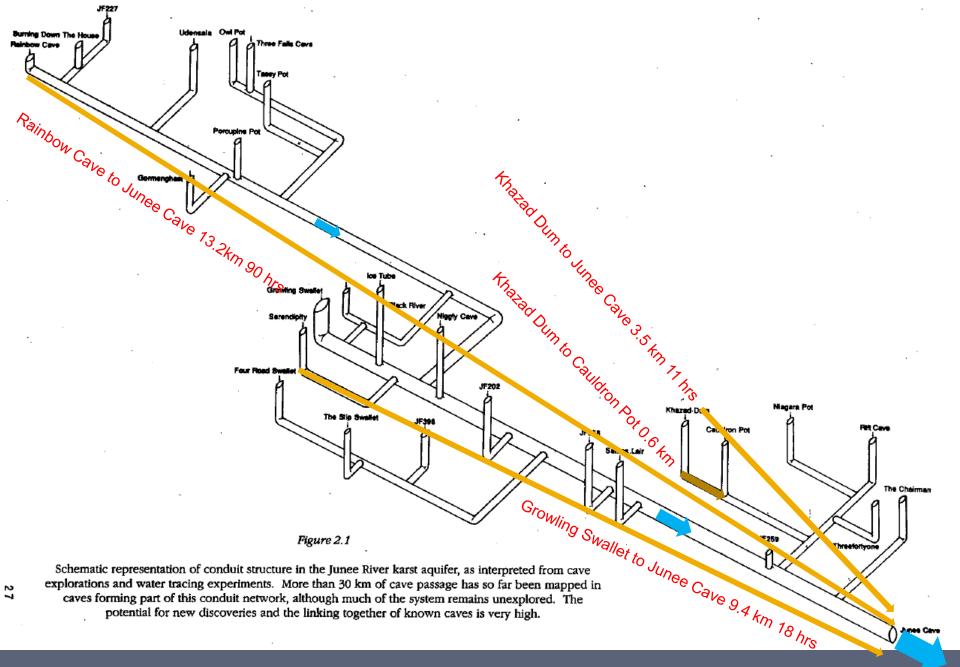


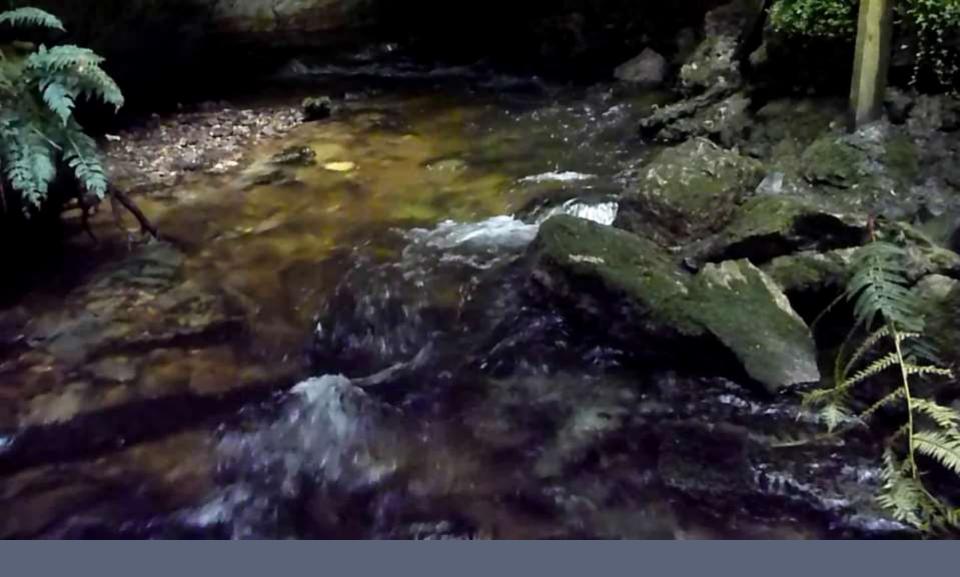






Cauldron Pot

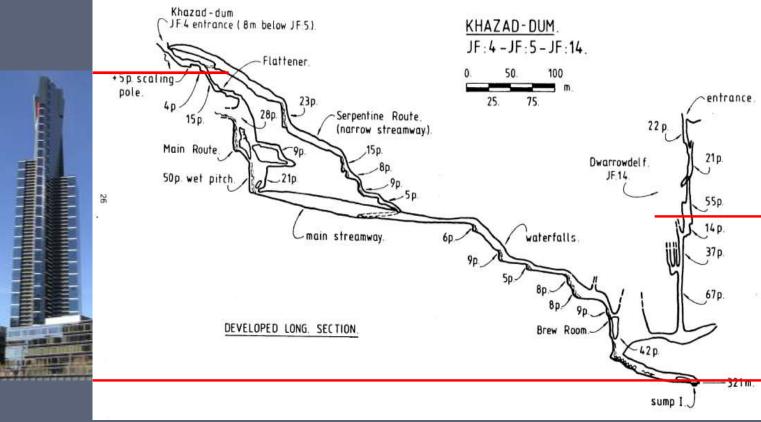






Why?

- Add 50m to cave system depth.
- Open lead.
- · Because it's there.





Eureka Tower Melbourne 298m (Tallest building to roof in Australia)

JF-4 Khazad Dum extended section

Central
Park
Perth
226m to
roof

How?

· Research.

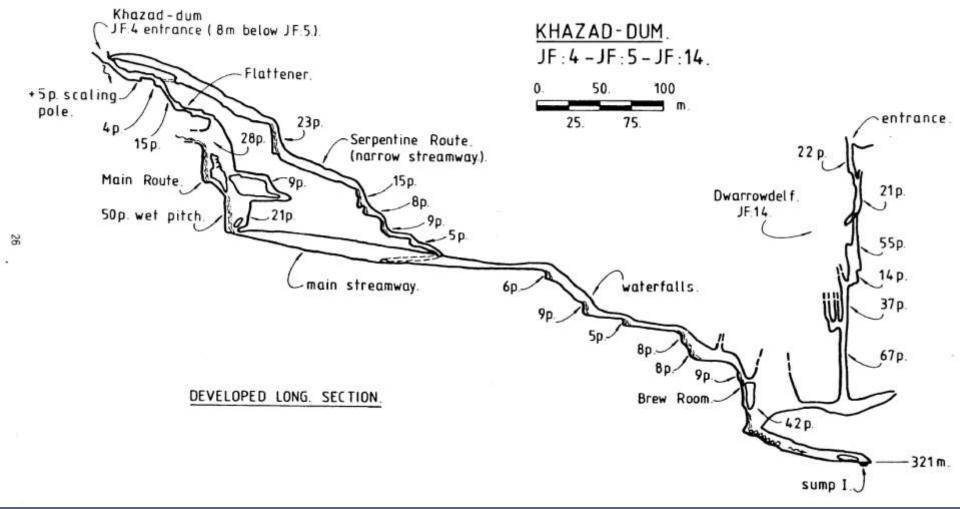
Previous dives

• 1987. Phil Hill. 1 dive. 7 minutes. N direction along rift. Too narrow after 35m.

- 2005. Stefan Eberhard. 1 trip/2 dives. SW direction.
- He "...continued on through small horizontal passage ...The passage curved to the right and appeared to be trending upwards slightly at my furthest point,.. i.e. it's still going ."

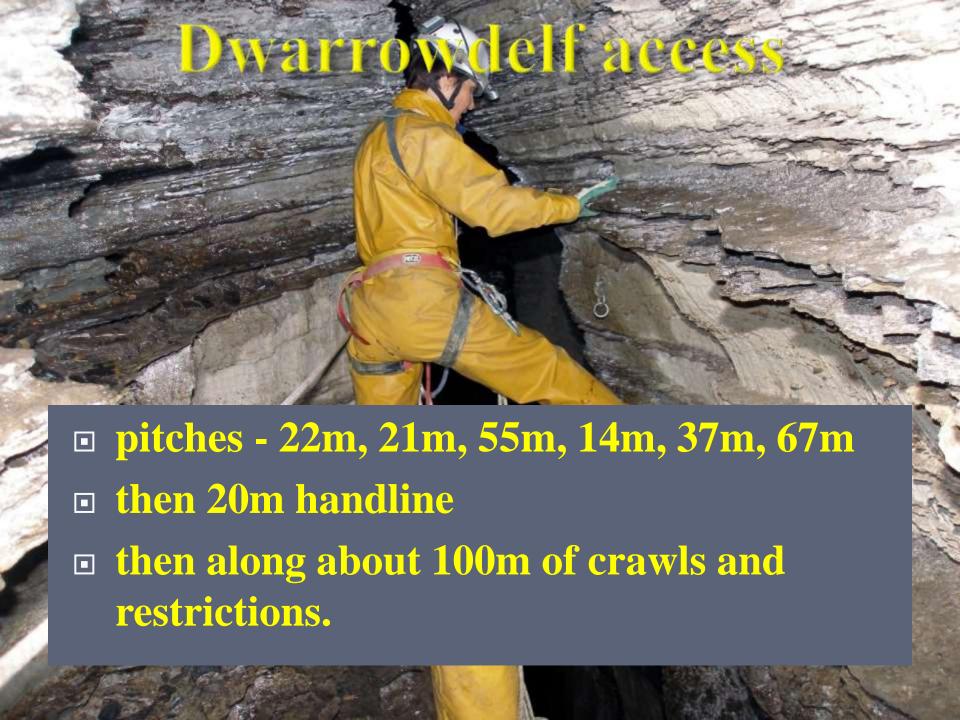
How?

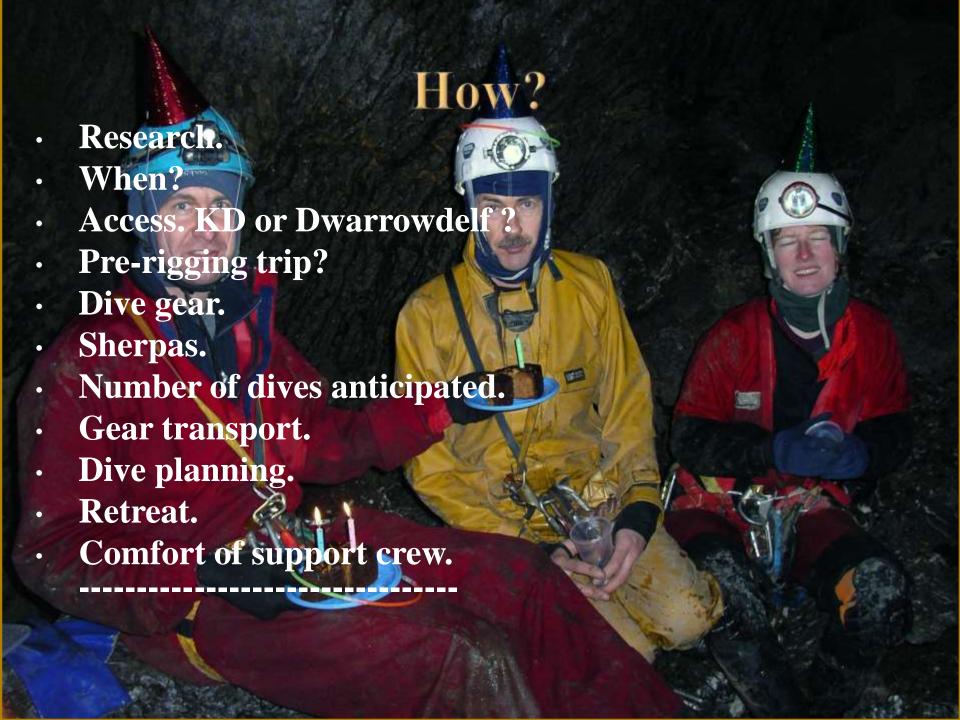
- · Research.
- · When?
- Access KD or Dwarrowdelf?









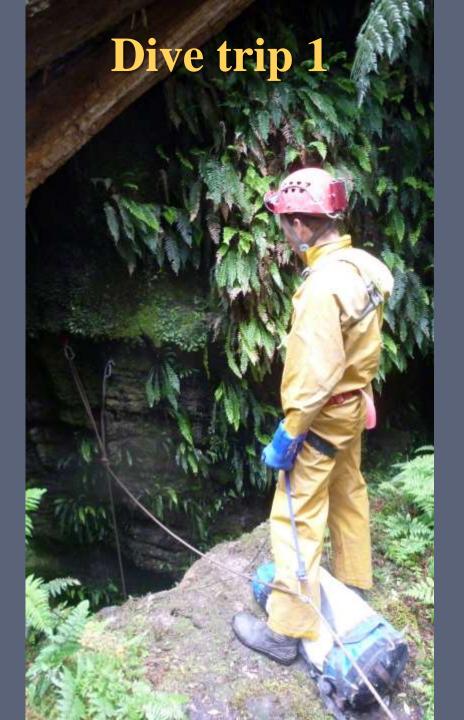




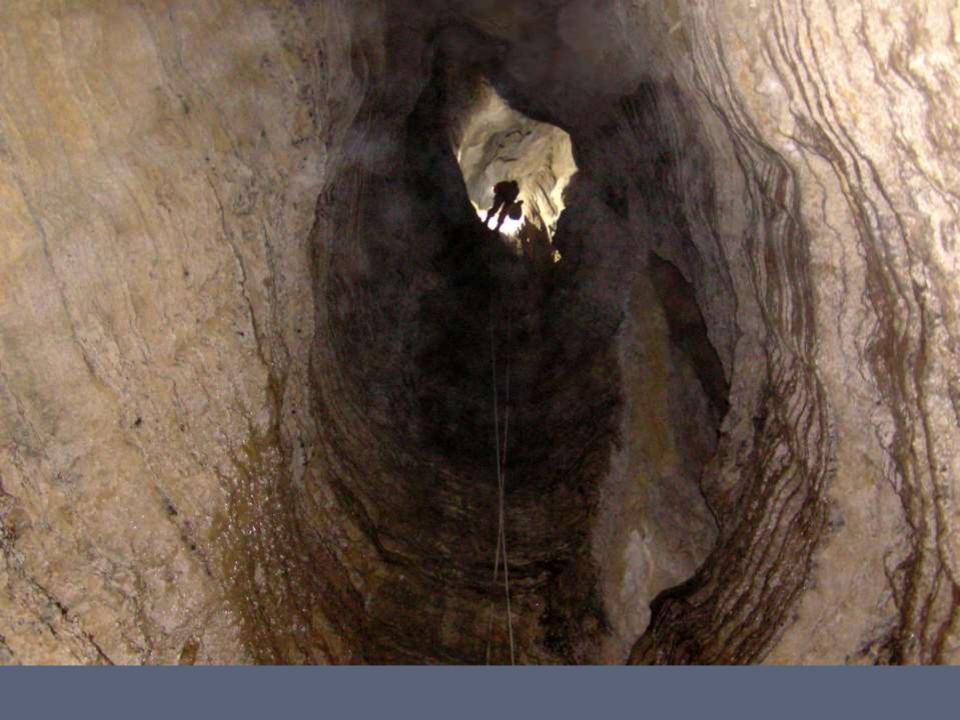












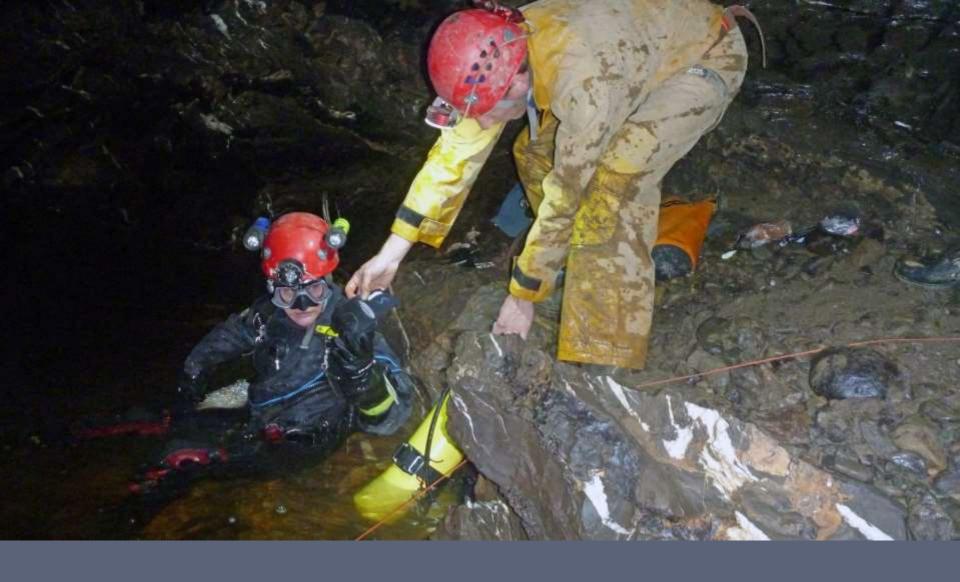






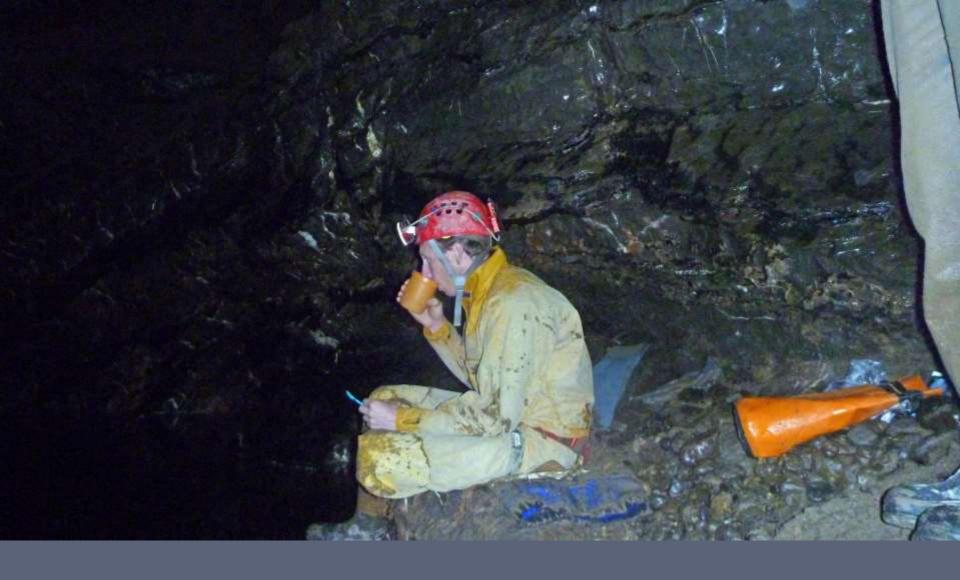














Dive 1

- Pool depth 17m.
- Line buried in deep silt but intact.
- Small passage (0.5m H X 1.5m W) going SW.
- Reached end of Stefan's exploration.
- Water temperature: 6°C.
- Numerous white *Anaspides tasmanie*



Anaspides tasmanie

Dive 2

Visibility in pool cleared to 0.5m again, visibility in side passage still zero.

Added 7 metres new line.

Passage tending upward at 45 degrees,
 narrowing significantly, and lowering.

■ Dive time: 25 minutes.



Dive 3

- Visibility 15 cm.
- Gained 5 m more.
- Unable to fit head through restriction.
- Started systematic search of pool.
- No other leads found.
- Dive time: 30 minutes



- Current passage too small to fit through.
- Walls and ceiling are bedrock but floor is silt and gravels of unknown depth.
- Excavation of floor not impossible.
- It won't be me though.

Surveying - why not?

- Exploration line did not have knots.
- 6°C water temperature limits dive time per dive. Extra dives required.
- Inflow, high silt dive. Very short survey time per dive.
- Skills and fitness required of sherpas limits available sherpas for multiple survey trips.
- Cave does not "go".



