

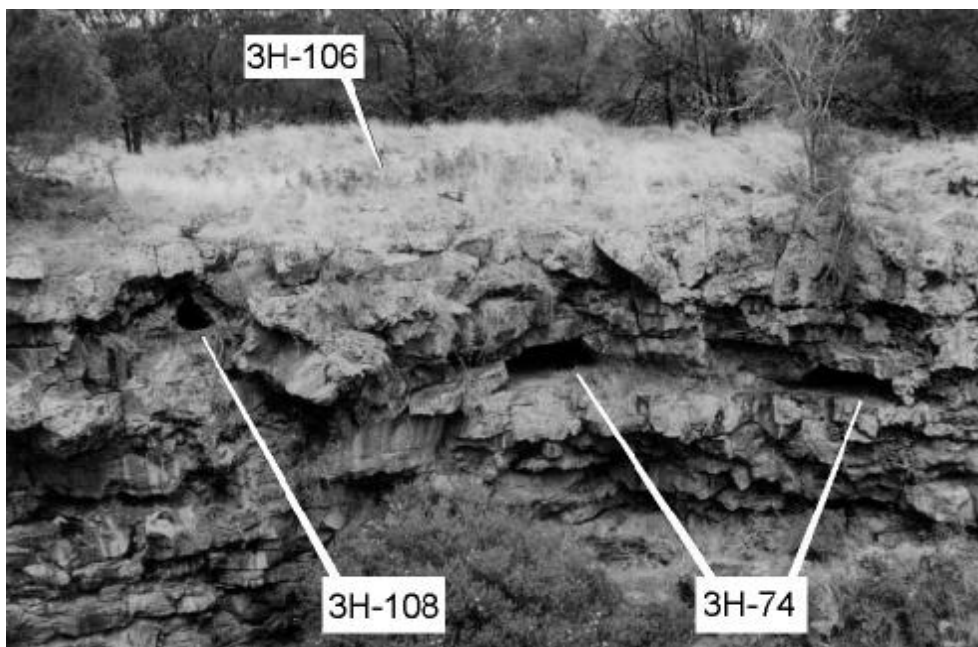
Ref:	Report Date 21-3-2002	Club: FEN	Hours: 2	Name of Cave / Feature: .	Visit Date: 3-3-2002	Cave No: <b>3H-106</b>
Names in Party (Author, Leader): <u>Ken Grimes, Reto Zollinger.</u>					If no number, tick reason New Cave [ X ] Unidentified Old Cave [ ] Can't tell which: [ ]	
Purpose and result of visit: <i>Inspection &amp; survey of a cave discovered by Mark Somers on a CCV/CEGSA trip on 10-6-2000. The cave was completely surveyed and tied to the cliff above H-74. Some photos were taken. A new cave (H-108) was found nearby and surveyed and tied to H-106 (see map).</i>					Area Name: <b>Volcanics (Byaduk)</b>	
					Type of feature (if not Cave):	
Comments/recommendations (if any): <i>Together with H-74 and H-108, this forms a useful reference site for a set of three shallow sub-crustal lava caves that are stacked in three separate flows. See also report on H-108. We also looked quickly at H-74 and sketched the eastern part which was missing from its existing map. H-74 runs under H-106, but it needs a proper survey as we had trouble relating our sketch to the existing one.</i>						
Description: <i>A shallow "sub-crustal" system of several low interconnected chambers. There are two entrances but only the eastern one is comfortable. It consists of several interconnected, broad, but low-roofed chambers that run just beneath the surface. Some sections are very tight and dusty. The floor is mainly earth and some rubble, but with one area of flat pahoehoe lava at section X2. In the second chamber (southern end of section X-1) there is an invasive mound of pahoehoe lava lobes that has squeezed in from a rupture in the wall (photo C0204.10+11). This is the main feature of interest in the cave. The two chambers shown in section X1 are separated by a line of blocks that have fallen out of a roof slot. This fracture is in a sagged section of roof that actually touches the floor in one place (see section X1). In the north-west chamber we found a lower jaw bone of a wombat in reasonable condition (we left it there). This must be fairly old as no wombats have been recorded in the area for at least fifty years. The cave overlaps with the eastern part of H-74, but that cave is about three metres lower and in a separate lava flow. H-108 to the northeast also comes close, but is 2m lower and in a flow lying between those that host H-74 and H-106 (see map)..</i>						
Topo Sheet: Byaduk, 7222-2-2:	Scale: 1:25,000	Best Grid co-ords: 0586061 m E, 5803263 m N (GPS, projection not known)		Parish/Hundred:	Allotment:	
How to get there: <i>About 11m SSE of the cliff above Chocolate Surprise (H-74), a small hole at the edge of a surface mound.</i>				Equipment: <i>Standard horizontal.</i>		

Tick the boxes for selected headings, then write about each in sequence, using the correct numbers and headings.

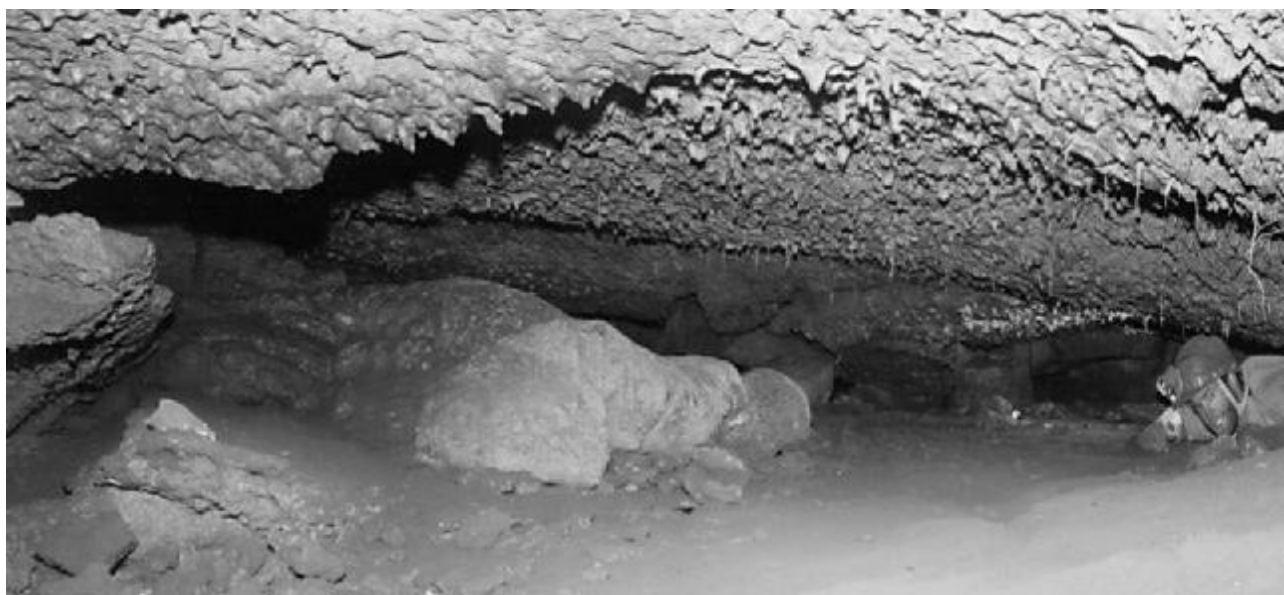
4 Cave type	<input checked="" type="checkbox"/>	24 Hazards	<input type="checkbox"/>	38 Air temperature	<input type="checkbox"/>	Geol. Strata names	<input type="checkbox"/>
5 Rock type	<input checked="" type="checkbox"/>	25 Difficulties	<input checked="" type="checkbox"/>	39 Humidity	<input type="checkbox"/>	Dip & Strike	<input type="checkbox"/>
6 Other entr numbers	<input type="checkbox"/>	26 Degree explored	<input checked="" type="checkbox"/>	40 Moisture level	<input checked="" type="checkbox"/>	Main stream flow	<input type="checkbox"/>
7 Total entr	<input checked="" type="checkbox"/>	27 Prospects	<input checked="" type="checkbox"/>	41 Discoverer & date	<input checked="" type="checkbox"/>	Inflow & Outflow points	<input type="checkbox"/>
8 Entr type	<input checked="" type="checkbox"/>	28 Owner category	<input checked="" type="checkbox"/>	42 Extension discov.	<input type="checkbox"/>	Water composition	<input type="checkbox"/>
9 Development	<input checked="" type="checkbox"/>	29 Present Cave Use	<input checked="" type="checkbox"/>	44 Contents	<input checked="" type="checkbox"/>	Gases	<input type="checkbox"/>
10 Decoration	<input checked="" type="checkbox"/>	30 Present surface use	<input checked="" type="checkbox"/>	45 Species	<input checked="" type="checkbox"/>	Likely archeol. Site?	<input type="checkbox"/>
11,12 Length & method	<input checked="" type="checkbox"/>	31 Damage	<input checked="" type="checkbox"/>	46 Important for	<input checked="" type="checkbox"/>	Age of archeol. material	<input type="checkbox"/>
13-14 Vert Range/method	<input checked="" type="checkbox"/>	32 Management class	<input type="checkbox"/>	47 References	<input type="checkbox"/>	Age of paleontol. Material	<input type="checkbox"/>
15 Largest chamber	<input checked="" type="checkbox"/>	33 Protection	<input type="checkbox"/>	Entr Doline size	<input type="checkbox"/>	Peak tourist count / day	<input type="checkbox"/>
16 Pitches	<input type="checkbox"/>	34 Permission from	<input type="checkbox"/>	Watersheds	<input type="checkbox"/>	Yearly tourist count	<input type="checkbox"/>
17 Horizontal Extent	<input type="checkbox"/>	35 % mapped	<input checked="" type="checkbox"/>	No. Of levels	<input type="checkbox"/>	Conservation rating	<input type="checkbox"/>
18,19 Latitude & Longitude	<input type="checkbox"/>	36 Widest Map	<input checked="" type="checkbox"/>	Accidents	<input type="checkbox"/>	Best area map	<input type="checkbox"/>
23 Entr elevation	<input type="checkbox"/>	37 Entrance Marker	<input type="checkbox"/>	Rescue comments	<input type="checkbox"/>	2 bearings & distances	<input type="checkbox"/>

**4: Type** = Lava cave (shallow sub-crustal type)  
**5: Rock** = Basalt  
**7: TotEntr** = 2  
**8: Entr** = Cave type, dry  
**9: Dev** = A shallow "subcrustal" system of several low interconnected chambers.  
**10: Decs** = Some Unusual decs  
**11: Length** = 40m, surveyed  
**13: Depth** = 1m, surveyed  
**15: Chamber** = 6mL, 4mW, 0.7mH.  
**25: Diff** = Extensive crawling  
**26: Deg Exp** = Fully explored, some difficult leads

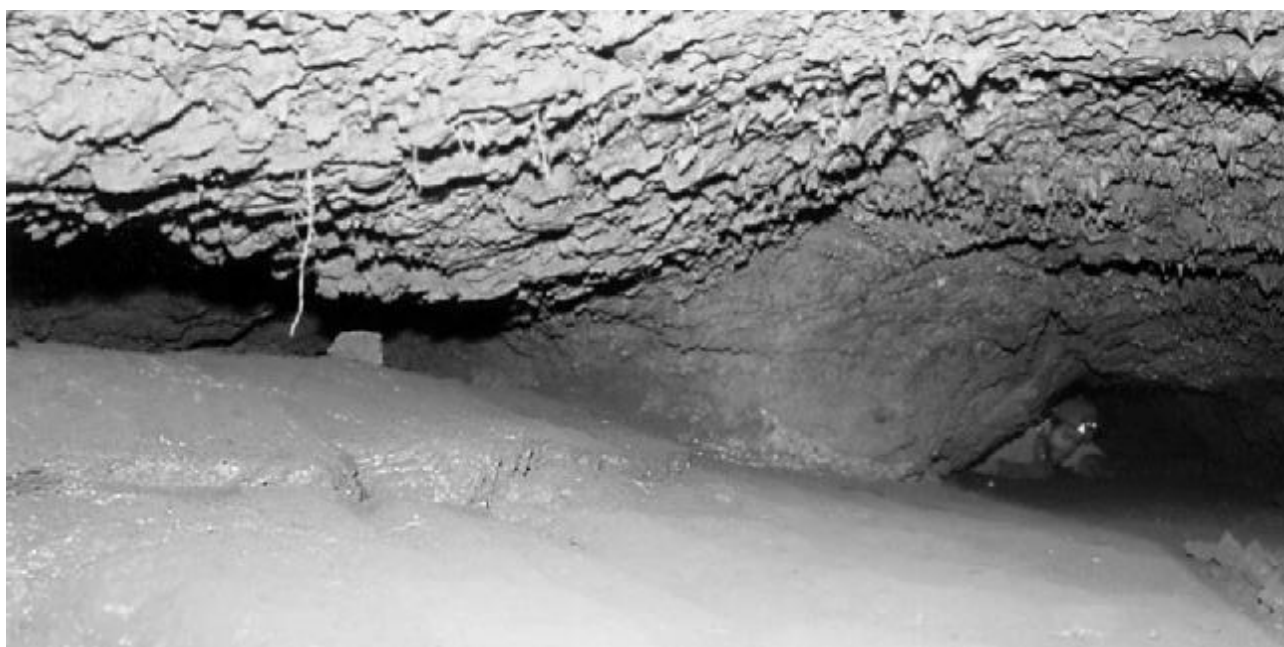
**27: Prosp** = nearby features  
**28: Ownr** = Govt (State Park)  
**29: CUse** = nill  
**30: SUse** = State Park  
**31: Dmg** = no damage  
**35: %map** = 100% mapped  
**36: Map** = herewith, VSA 390  
**40: Moist** = dry (dusty) env.  
**41: Disc** = Mark Somers, CCV, 10-6-2000.  
**44: Cont** = bone  
**45: Spec** = Vombatus sp.  
**46: Sig** = geomorphology



Location of cave, on surface behind the doline cliff. (C0204.24)



Invasive lava lobe (from left) in second chamber, looking NW. (C0204.10+11))



Looking south-east past section X-2. Note rise of floor to pahoehoe flow on left. (C0204.12)

