

# Risk Assessment for Adventure Caving

Risk	Probability	Exposure	Consequences	Contributing Factors	Severity	Management Plan	Who's Responsible
Slips, Trips	Likely	Continuous	Low	Uneven floor, slippery rocks (in the wet), Dark environment	Moderate	Participants are briefed prior to tour departing. Guide monitors participants throughout the cave. Participants are provided with protective clothing, helmets and head lamps. Participants are to stay in the designated areas and on pathways at all times.	Tour Guide Participants
Panic Attacks	Possible	Frequent	Minor	Tight spaces, Chance of claustrophobia, Animals such as snakes, spiders etc.	Moderate	Participants are made aware of the environment they are going into, there is a guide present for physical and emotional support, guides can direct people to avoid animals. Tours can be modified to suit	Tour Guide

						individual participants requirements.	
Asthma Attacks	Possible	Frequent	Minor	Dry dusty environment, High level of physical activity.	Moderate	Participants are to fill out medical form prior to activity. Any participants with asthma are required to bring puffer and/or other medication on tour. If tour guide notice participants struggling with physical activity they are to slow down the pace of tour.	Participants Tour Guide
Rock Movement / Rock Falls	Unlikely	Rare	Moderate	Some loose rocks in some areas of the caving (majority on the floor). Fig trees roots may cause small rocks to fall from the roof if people shake them.	Moderate	Tour guides are to make participants aware of the areas where there may be loose rocks. Guides also instruct participants not to swing on the tree roots. Tours are not taken into any areas of the cave where there is a high possibility of a rock fall.	Tour Guide Participants
Participants may have medical	Likely	Frequent	Low	Due to the physical nature of the tour some medical conditions or a low level of	Moderate	Participants are made aware of physical aspect.	Tour Guide

condition or low level of fitness.				fitness may cause problems for participants.		Participants are to fill out medical form prior to going on tour. If guide believe participants may struggle they will start with easy challenges and build up to the more physical challenges.	
Participant becomes immobilized due to injury.	Possible	Uncommon	Moderate	Individuals may fall causing injury to themselves. Due to the cave environment individuals may not be able to make their way through the cave with only fairly minor injuries. Individuals may become disorientated due to the darkness of the caves.	High	In the case of an accident a stretcher is available to recover individual from the cave. Local emergency services have had some training in the caves and recues from the cave. Groups of less than three people including the guide are not to go into the cave. Thus if an injury occurs there is at least one person who can make their way back to the kiosk for help while others stay with the individual who has been injured.	Tour guide All available staff Emergence Services
Equipment Failure	Rare	Frequent	Moderate	Equipment may fail during tour. Equipment may be	Moderate	All equipment is logged and maintain	All adventure Staff

				<p>damaged prior or during tour. Participants may bring their own equipment which could be damaged or unsuitable.</p>		<p>by staff. All equipment is checked for any damage before use by guide. Participant's equipment must meet our standards. Capricorn Caves provides all equipment for adventure tours. All participants equipment is used at the own risk of the individual. Guides will demonstrate and explain how all equipment is to be used. Participants may bring their own torches but Helmets will be provided.</p>	<p>Tour Guide Participants</p>
<p>Snake Bites or other animal bites or stings</p>	<p>Rare</p>	<p>Unusually</p>	<p>Major</p>	<p>There is a chance participants may come into contact with snakes or wasp bees and other animals.</p>	<p>High</p>	<p>All guides carry a first aid kit and are required to have a basic first aid certificate. Guides are also to look out for snakes and other animals and try to keep participants away from them.</p>	<p>Guide</p>

Last Revised 29/01/2016