

# Timberline Grotto

## CAVE TRIP REPORT

COVER SHEET				Date:
Name of Cave:				
1. Background Information				
Name of Cave Grotto/group/club/organization		Permit No	WRNF Order #	
Name of park/reserve where activity took place <b>Example:</b> White River National Forest		Date(s) of trip		
Name of trip leader(s) and names of team		Number of participants (adults/children)		
2. Summary of Key Activities				
Summarize the key activities that were undertaken (e.g. surveying, cave monitoring, recreational caving, explore up-stream cave passage) We also agreed to provide to the <b>White River National Forest</b> additional information in the following areas: * Inventory of newly surveyed areas. * Detailed photos of the gate, ladders, Bolts, ropes in the cave or any man-made hardware in the cave. * Cave invertebrate collecting. * Documenting the up-stream passage. * Bat monitoring observations will be shared with FS and CPW wildlife biologists. * Results of general monitoring for vandalism or other human impacts.				
3. Contact Details				
Name of person(s) who prepared report		Contact phone number		
Email address				
Other:				

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1. Individual Cave Data					
Name of cave accessed (for large caves, indicate the section(s) visited)				Tag number <i>(if applicable)</i>	
Number in party accessing cave		Date of access		Cave entry time	
				Cave exit time	
2. Observations and Comments					
<b>Bats</b> <i>Bats are easily disturbed by human activity. Where possible, keep clear of roosting sites and do not enter maternity sites unless otherwise approved by the Park Authority. Do not shine lights directly at bats and avoid excessive noise and movement when in proximity to colonies.</i>					
Were bats observed in the cave? If yes, describe the specific location(s) in the cave where they were observed.					
What species (if known) of bats were observed and in what number (approximate only)?					
Did the colony/group of bats observed include pups (i.e. infant bats)?					
What characteristics or behaviors were observed? (e.g. bats roosting in colony, individually or flying in and out of passages)					
If no bats were observed, were there any signs of recent activity or previous use (e.g. fresh guano, dead bats)?					
Other observations					

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### Other Fauna

*Caves provide habitat and living conditions for a variety of highly evolved invertebrate species, several of which have adapted to survive in total darkness. Many cave invertebrates are highly sensitive to changes in the environment, particularly those found in water. Other fauna including owl, wombat and possum species are also known to use the twilight zones of caves for refuge and shelter.*

Were cave invertebrates present in the cave? If yes, describe the specific location(s) in the cave where they were observed.

What type of species of cave invertebrates were observed and in what number (approximate only)?

Were owl or other vertebrate fauna present in the cave? If yes, describe the specific locations in the cave where they were observed, their name and/or species and population size.

### Cave Formations, Bedrock, Sediments and Fossil Deposits (Cave Features)

*Caves are among the oldest and most complex structures in the world, containing crystal formations, sediments and fossil deposits which are thousands to hundreds of millions of years in age. These features are irreplaceable and can be easily lost or damaged through human activity. Many caves and features are also of special meaning to indigenous people as sources of inspiration and places of ceremony and shelter. Care should be taken to minimize any disturbance to the natural cave environment and sites of identified cultural heritage.*

Were cave formations in a generally good condition (i.e. intact and not muddled)? If no, describe the specific location(s) in the cave where damage was observed, and the type and scale of damage.

Did you observe any recent damage to other cave features? If yes, describe the specific location(s) in the cave where damage was observed and the type and scale of damage.

Describe any unusual or outstanding cave features that have not been previously reported (e.g. related to the caves mineralogy, sedimentary deposits, paleontology).

Was there evidence of people straying from delineated tracks (e.g. boot prints, muddying or scratching of formations beyond taped-off areas)? If yes, describe the specific location(s) within the cave where this was observed.

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### Cave Infrastructure (including gates, locks, signs, cave tags, artificial anchors, ladders, track markers, fixed ropes and handlines)

*The predominantly wet environment of many caves means that infrastructure such as gates, locks and ladders may corrode, rot or cease to operate over time. Infrastructure may also be damaged through vandalism, or in a limited number of cases, misuse. Care should be taken when using cave infrastructure and any sign of disrepair or damage brought to the immediate attention of the Park Authority.*

Was cave infrastructure in a generally good condition? If no, describe the specific location(s) in the cave where disrepair or damage to the infrastructure was observed, and the scale and type of disrepair or damage. (Pictures Helpful)



Example

Attach photo here:

Could the cave benefit from additional infrastructure? If yes, describe the rationale for the proposed infrastructure and the type required. (Pictures are helpful)

Was the cave free of waste or refuse? If no, describe the location(s) within the cave where waste or refuse was observed and the type of waste or refuse.

### Risks and Hazards

*Cave environments may contain areas of little or no natural light, uneven and slippery surfaces, unstable areas, cold water, deep pools, elevated carbon dioxide levels (foul air), sudden and unfenced drops and other natural hazards. It is the responsibility of people accessing caves to be aware of the risks posed by caving and take the necessary measures to avoid the potential for injury or harm.*

Did your group/club/organization undertake a hazard assessment of the cave prior to undertaking the approved activity?

Were any unusual or unanticipated cave hazards encountered? If yes, describe the specific location(s) in the cave where they were encountered, and the type and scale of hazard (unstable rocks, high levels of CO<sub>2</sub>).

Did any member of the trip party sustain a serious injury (i.e. requiring professional medical treatment) during the conduct of the activity? If yes, describe the nature of the injury, the treatment given and the time and location where the injury was sustained.

Other comments

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### 3. Further Questions

Were any feral animals observed during the conduct of your activity (e.g. pigs, goats, horses, cats)? If yes, describe the type and or species of feral animal, their approximate number and the specific location(s) where they were sighted.

For a newly discovered cave or passage: Please provide a detailed report on your discovery including the specific location of the cave and its significant features and potential values. A basic locality map must also be included as an attachment to the report.

Do you have any comments or requests relating to the conservation or use of the cave accessed?

Questions by Region

### 4. Other Information