

## DONATE

I would like to make a:

- once off donation  
 continuing monthly donation

Monthly donors: By completing the form below, you authorise the Save Cliefden Caves Association (SCCA) to debit your nominated account in accordance with the Direct Debit Services Agreement.

### MY DETAILS

MR/MS/MISS/MRS/DR .....

ADDRESS .....

STATE ..... POSTCODE .....

PHONE .....

EMAIL .....

### DONATION AMOUNT:

- \$25  \$50  \$75  \$100  \$250

OTHER AMOUNT \$ .....

### PAYMENT METHODS

#### CHEQUE/MONEY

MAIL TO: The Secretary,  
PO Box 420,  
Seven Hills, NSW 1730

### CREDIT CARD

CHARGE MY:  VISA  MASTERCARD  
 OTHER .....

DONATION AMOUNT \$ .....

CARDHOLDER'S NAME .....

CARD NO .....

CARD EXPIRY DATE ..... / .....

CARDHOLDER'S SIGNATURE .....

### DIRECT TRANSFER - EFT

ACCOUNT NAME: Save Cliefden Caves  
Association CBA

BSB: 062199

ACCOUNT NO: 10660776

Please reference your donation for easy  
identification e.g: CliefdenSmith.

### PAYPAL FACILITY

Use the PayPal facility on our website at  
[savecliefdencaves.org.au/donate](http://savecliefdencaves.org.au/donate) to make  
your donation.

- I would like to receive future updates  
about the campaign

Your donation DOES make a difference!

It is vital that you email or post the  
completed form to:

**Save Cliefden Caves Association**  
**PO Box 420, Seven Hills, NSW 1730**

**[campaign@savecliefdencaves.org.au](mailto:campaign@savecliefdencaves.org.au)**

# SAVE CLIEFDEN CAVES



**[SAVECLIEFDENCAVES.ORG.AU](http://SAVECLIEFDENCAVES.ORG.AU)**

Visit our website to find our more at  
**[savecliefdencaves.org.au](http://savecliefdencaves.org.au)**

Got a question? Email us at  
**[campaign@savecliefdencaves.org.au](mailto:campaign@savecliefdencaves.org.au)**

**f** [FACEBOOK.COM/SAVECLIEFDENCAVES](https://www.facebook.com/savecliefdencaves)

**t** [@SAVECLIEFDEN](https://www.instagram.com/savecliefden)

**y** [YOUTUBE.COM/SAVECLIEFDENCAVES](https://www.youtube.com/savecliefdencaves)

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**SAVE  
CLIEFDEN  
CAVES**

# SAVE CLIEFDEN CAVES

## CAVES

Cliefden Caves is one of the most cavernous limestone areas in New South Wales, with over 100 recorded caves. Cliefden Caves were likely formed by rising groundwater dissolving the limestone over millions of years, possibly related to the adjacent thermal spring. They are extremely well decorated containing rare blue stalactites, stalagmites, helictites, columns, and mineral deposits which are an important record of past environments. The caves are also home to six species of bat, two of which are listed as threatened species.



Horseshoe bat species found in Cliefden Caves



Internationally Significant Fossil Hill

## FOSSILS

The invertebrate fossils at Cliefden are internationally recognised as iconic examples of Australia's natural heritage. The fossils are over 450 million years old and are remains of ancient marine animals. At least 62 scientific papers have documented 263 species of fossils in the vicinity of Cliefden, 101 of which are unique to the area threatened by flooding.

## THERMAL SPRING

A thermal spring is located on the Belubula River near the caves. Warm springs rising from Palaeozoic rock (as opposed to those from the Australian Basin) are rare in NSW with only three documented, all in karst areas.

## HISTORY

The limestone at Cliefden Caves was the first discovered by Europeans in inland Australia, being recorded on 24 May, 1815 by surveyor G. W. Evans, only 2 years after the crossing of the Blue Mountains. Caves have been known at Cliefden for over a century and were recorded by Wilkinson in 1892 and Trickett in 1908.

Find out more about Cliefden at [savecliefdencaves.org.au/about\\_cliefden](http://savecliefdencaves.org.au/about_cliefden)

## DAM THREAT

A scoping study by Water NSW published in February 2015 recommends further "in-field investigations in the vicinity of Cranky Rock." The proposed Cranky Rock dams of 700-1000 Gagalitres put forward in the report would flood the Needles Gap with up to 50 metres of water. This will heavily impact on a number of the caves, fossils and the thermal spring. Unfortunately there is no statutory protection afforded to Cliefden Caves.



## WHAT YOU CAN DO

- Write a letter to the Premier and Minister for the Environment
- Write a letter to your local MP
- Write a letter to the newspaper
- Sign the online petition on our website
- Make a donation
- Spread the word amongst your friends