



Bent, Broken and Melted, Broken Hill - The Rocks Speak

Brian (Barney) Stevens

Broken Hill geology has fascinated and baffled scientists for over a century. Now many of the secrets have been unravelled.

This book makes the wonders of Broken Hill's rocks accessible to a whole range of people, from the interested amateur, to the student, the researcher and the exploration geologist.

The book includes scientific controversies, challenges to long-held theories and ideas for future research.



NEW BOOK PUBLISHED ON BROKEN HILL GEOLOGY

The NSW Geological Survey project to map the Broken Hill area at 1:25,000 scale began 50 years ago. To mark the anniversary, most of the group involved in the geological mapping and metallogenic study are having a reunion in Orange (easier to reach than Broken Hill).

Coincidentally, one of them, Barney Stevens, has published a book summarising what is known about Broken Hill geology: **Bent, Broken and Melted, Broken Hill – The Rocks Speak**.

Broken Hill in western New South Wales is iconic for geologists, boasting not only the world's largest concentration of Pb-Zn-Ag, but also an incredible example of high-grade metamorphic geology, extensive, well-exposed and accessible. The geology of the Willyama Supergroup has been studied since the late 1800s, creating a massive literature.

The book has a number of aims:

- To summarise what is known about Broken Hill geology for the benefit of future researchers.
- To provide a path through the literature jungle.
- To present in language that can be understood by a wide range of readers, including explorationists, students, interested amateurs and even geophysicists.

The book has 201 pages including 115 photos and diagrams, all beautifully produced by Bennetts Printing from the Blue Mountains. Discussion ranges from the rock types to the stratigraphy, metamorphism, structure and the origin of the Broken Hill orebody. The reference list is extensive.

The book can be obtained from Barney by contacting bhillexpertise@gmail.com, or Abbeys Bookshop in Sydney, Collins Bookshop in Orange, the Broken Hill Geocentre or Under the Silver Tree Bookshop in Broken Hill. Price is \$50 plus \$10 for postage.