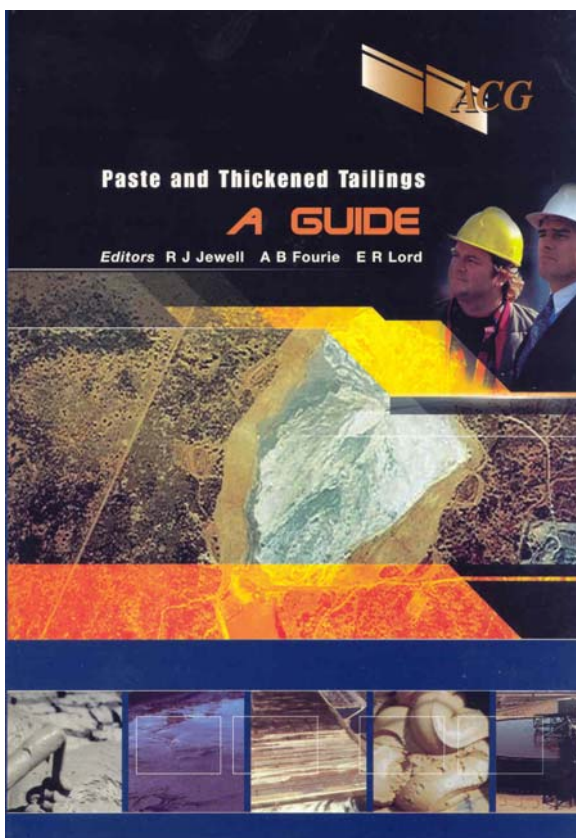


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# **Paste and Thickened Tailings**

## **A Guide (first edition)**



### **PASTE AND THICKENED TAILINGS – A GUIDE (1st ed)**

Paste and Thickened Tailings – A Guide (First Edition) – an ideal reference to provide guidance and advice to those in the industry interested in finding out what is meant by thickened, “paste” or “high-density” tailings and in determining whether the effort of thickening tailings to a density higher than achieved in the underflow of normal plant thickeners can add value to their own operations.

Designed for mine managers, tailings operations, mine engineering and environmental staff, consultants and equipment and product suppliers to learn more about the thickening, transportation and deposition of high-density thickened tailings.

The guide is a key outcome from a series of International Seminars on Paste Technology initiated by Richard Jewell (ACG), Andy Fourie (ACG), Ted Lord (Syncrude Canada) and assisted by Bruce Regensberg of the University of Alberta. The continuation of the seminars that were initiated in 1999 highlights the significance of paste technology in international mining operations.

Whilst the boundaries of paste technology research and developments continue to expand, there exist some current and unresolved issues. This guide features many of the areas

explored at the international seminars, including: the preparation and disposal of paste tailings, economic considerations and land rehabilitation.

#### **Key features**

- An attractive and colourful hard bound publication.
- A unique industry manual in this field.
- Contains contributions from personnel working in this field from around the world.
- Contains detailed photographs and schematics.
- Easy to understand and follow.

#### **Guide Content**

Preface; Section 1: Introduction; Section 2: Key Business Issues; Section 3: Rheological Concepts; Section 4: Material Characterisation; Section 5: The Thickening Process; Section 6: Transport; Section 7: Above Ground Disposal; Section 8: Below Ground Disposal (Mine Backfill); Section 9: Closure Considerations; Section 10: Thickened Tailings Case Studies; Section 11: Glossary; Section 12: Bibliography and Author Index.

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*The ACG acknowledges the contribution of the committees and paper reviewers to the development of this publication.*



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## Paste and Thickened Tailings – A Guide (first edition)

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