MINEFILL 2010

Listed below are titles of abstracts that have already been accepted

1. The impact of the use of backfill on the mine design process in narrow tabular platinum mining
   P Kluge, Hatch Africa

2. Innovative Design/Management Strategies for Coarse Paste at Savannah Nickel Mine
   M Helinski, M Revell, M Recklies, Minefill and Metallurgical Consulting, AUSTRALIA

3. Producing Paste from Difficult Material
   M Revell, Minefill and Metallurgical Consulting, AUSTRALIA

4. Influence of Pore Water Suctions on the Shear Strength of Paste Backfill
   M Helinski, Minefill and Metallurgical Consulting, AUSTRALIA

5. Further Advances in Minefill Bulkhead Design
   M Helinski, M Revell, D Sainsbury, D Wines,
   Minefill and Metallurgical Consulting, AUSTRALIA

6. Self-gelling backfill mining techniques by using the phosphorus chemical wastes
   ZHAO Guo-yan, LIU Zhi-xiang1, YAO Jin-rui2, LUO Man2, LI Di-yuan1
   Central South University, School of Resource and Safety Engineering, China ^Guizhou Kailin Group Co., LTD, China

7. System Design And Application Research on Underground Backfill Plant
   Y Bin, W Jianjun, X Xinqi, Beijing General Research Institute of Mining and Metallurgy, China

8. Mechanical Properties of Cemented Rock-Tailings Backfill Material
   Y Xiaocong, G Lijie, W Jianjun, X Wenyuan, Beijing General Research Institute of Mining and Metallurgy, China

9. Experimental study on inhomogeneous property and intensity distribution of fill-body
   Y Xiaocong, X Wenyuan, G Lijie, W Jianjun, Beijing General Research Institute of Mining and Metallurgy, China

10. Cementitous Fly Ash In The Ratio Of The Replacement Of Cemented filling
    W Zhenghui, Jinchuang Co,Ltd, China

11. Paste Slurry Transformation Practice Of Mixing Conveyor Technology
    TBA

12. Research and Practice of Unclassified Tailings Filling for Extra-Large Mined-out Spacies
    ZHANG Chuanxin , Zhao Jiyin, Kuang Yusheng,Sun Hao, Sinosteel Maanshan Institute of Mining Research Ltd, China

13. A new method for test the resistance loss in pipeline transportation of paste filling slurry.
    **Wang jie1, *Yang chao, *Zhang jun,^Wang hong wu,* *School of resources and Environment Engineering, Shandong University of Technology, China, ^Hunan Style Technology Co., Ltd, CHINA

14. Wear Mechanism and Causes of Backfilling Drill-holes Pipelines in Deep Mine
    WANG Xin-min, ZHANG De-ming, ZHANG Qin-li , ZHENG Jing-jing, ZHAO Bin
    School of Resources and Safety Engineering, Central South University, CHINA

15. Mechanical properties of minefill: influences of particle size, chemical, mineral, binder and mixing water
Hla Aye Saw and Ernesto Villaescusa, WASM, Kalgoorlie, WA, AUSTRALIA

16. The behavior of paste fill under dynamic loading and prediction of backfill and backfill stope failure risk in underground methods
Dimitre Antonov, South Dakota School of Mines, USA

17. The design and stability analysis of a Paste Fill backfill method at the Challenger Gold Mine.
Kieran Rich, former from Western School of Mines, Curtin University
Dimitre Antonov, South Dakota School of Mines, USA

18. Three fill stoping methods designed to prevent ground water inrush at the Baixiangshan iron mine, China
[1]*Cai Sijing,* [1]*Wu Di,* [2]*Wang Wenxiao*[2,] [1]Department of Resources Engineering, School of Civil and Environmental Engineering, University of Science and Technology Beijing, China; [2]Gushan Mining Company, Ma-Steel Group, China

19. Regional support solutions for deep level mining challenges
J S Kuijpers, CSIR

20. Adjustment of variables for rehabilitation of an old Hydraulic Backfill Plant at Kamoto Mine
Subhash C Goel; Francisco Yupanqui; Antonio Kanduri; Kutluhan Sayginar
Kamoto Copper Company SARL, SWITZERLAND

21. Improving backfill scheduling through appropriate use of instrumentation
A B Fourie, M Helinski and M Fahey, University of Western Australia, AUSTRALIA

22. Modeling of the Coupled Thermo-Chemo-Mechanical Processes in Cemented Paste Backfill Structures and Application to the Prediction of their Performance,
M Fall and O Nasir, University of Ottawa, Canada

23. Applying ASME Code B31.11 Slurry Transportation Piping Systems, an ANSI Standard
Ken Pearson, Hatch, CANADA

24. Borehole Lining Project
Y S B Lin, K Pearson, E Elkjer, Hatch, CANADA

25. Backfill Practice at Konkola Mine, Chililabombwe, Zambia
**Charles Katongo, *Justin Chola and ~Ackim Mutawa,* *Konkola Mine, KCM, ZAMBIA
~Nchanga Mine, KCM, ZAMBIA

26. Paste Backfill Design Case Study – Idaho Cobalt Project
**Matt Treinen and *Robert Cooke, ^Bill Hasz, ^Guy Jeske,* *Paterson & Cooke, ^Formation Capital

27. Backfilling on a Budget - low capital paste backfill injection for small mines or brownfield site remediation.
**Rob Brown and **Isaac Ahmed,* *Paterson & Cooke, **Golder Paste Technology

28. Stable rock walls in a large open stope at SDGM
Lammie Nienaber, Anglogold Ashanti, AUSTRALIA,

29. Pipeline wear and the hydraulic performance of paste backfill distribution systems
**Maureen McGuinness and ^Robert Cooke,* *Kidd Mine, Xstrata, Canada and ^Paterson & Cooke, USA

30. The Utilization of Paste Backfill Admixtures at Barrick Gold Mines
Trent Weatherwax, Barrick Global Shared Services, Canada, Russ Evans, Barrick Global Shared Services, Canada,Farhan Hafeez, Barrick Kanowna Bell Mine, Australia

31. **A new standard for the planning and operation of backfill systems in Austria**
W Hohl and H Wagner, University of Leoben, Austria

32. **A Unique way of containing backfill**
FRP Pienaar and M Howell, Mining Product Developments (Pty) Ltd

33. **An investigation into the mechanical and microstructural properties of Gelfill**
M F Kermani and F P Hassani, *McGill University, Canada,* I Isagon, *VALE_INCO, Canada*

34. **Self-heating of mine fill and potential mitigation technique**
Arash Zarrasi, Ferri Hassani, *McGill University, Canada,* Ike Isagon, *VALE_INCO, Canada*