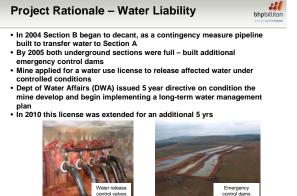


## **Project Setting**

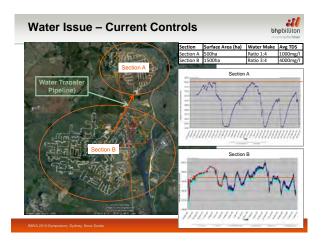
- Defunct colliery in KwaZulu Natal, South Africa consisting of two legally and geographically separate sections
   Mining ceased in Sep 1992 with rehabilitation
- Mining ceased in Sep 1992 with rehabilitation completed in1996 in compliance with the Minerals Act, Act 50 of 1991
- Major items of rehabilitation included: • 80 Ha discard dump, 15 Ha opencast void,
- 25 Ha rail siding • Removal of process plant & associated infrastructure
- Sealing of vertical ventilation shaft & incline shafts
- Closing of cracks and diverting water away
  from the subsidied errors
- from the subsided areas • Aftercare of rehabilitated areas

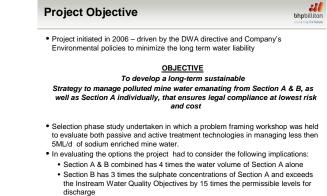
## IMWA 2010 Symposium, Sydney, Nova Scotia

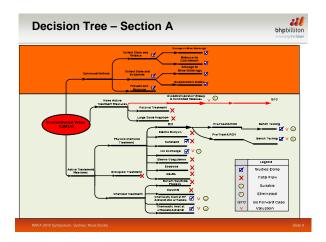




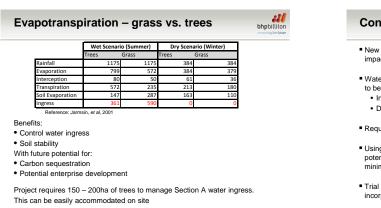
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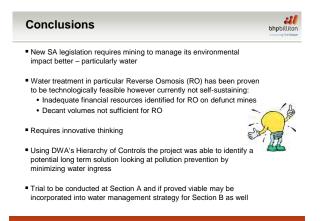




## **all** bhpbilliton Way Forward - Proposal • Trial evapotranspiration at Section A Continue to manage Section B via pumping water to Section A – controlled release Current and Completed Work Proposed Work y areas of high ingress int workings, evapotranspiratio for hydraulic control t e ingress, diversion of clea ehabilitation, remedia racks and s torage underground Extreme events: ontrolled Discharge Controlled Discharge, Storage in mine workings and emergency dams nary Principle С Differentiation Principle "Prevention is better than cure



IMWA 2010 Symposium, Sydney, Nova Scoti









Back-up Slides

**all bhp**billiton

