



**URETEK  
SAVING  
MINING INDUSTRY  
TIME AND MONEY ...**

*We raise, re-level and re-support, moving and sunken rails, hardstands floors and buildings... OH & S issues are addressed...fast and efficiently... with minimal interruption to mine activities!*



*Uretek Ground Engineering re-supporting this two kilometre long conveyor belt system in Western Australia.*



*The cover picture and these photos above and at left show Uretek Deep-Injection work at Newmont Gold's Mine at Bod-dington, South East of Perth, Western Australia. Conveyor belt drive slabs and pedestal footings were treated & resupported. Some of the Deep-Injection work was carried out to more than 12m under the ground .*

**M**ines, particularly in outback Australia, present challenges on a very impressive scale.

Logistics can demand days of driving and freighting of materials. The needs can be unusual, loads colossal, deadlines onerous and responsibilities huge! Uretek meets these challenges on a regular basis.

*The photos below show some of the variety of Uretek work at mine sites - **A.** the electrical transformers at Coal & Allied's Hunter Valley Number 1 Mine Coal Handling and Preparation Plant re-supported and re-levelled **B.** Ravensworth Mine coal loader resupported, **C.** Rock-breaker footings stabilised, Cadia Gold Mine, Orange, NSW.*





With minimal down-time, we raise, re-level and re-support moving and sunken stacker-reclaimer rails, machinery bases, driveways, floors and whole buildings!

- ◆ Safety issues are addressed fast, effectively and economically!
- ◆ Trip hazards and slab movement are eliminated.
- ◆ Trucks & forklifts ride smoothly again.
- ◆ Unique, fast structural resin injection!
- ◆ Machinery base slabs are re-levelled with new, solid support.
- ◆ Costly closures are eliminated, and down-time is reduced to a minimum.
- ◆ Uretek work is fast! We take only a fraction of the replacement time!
- ◆ We can treat one area at a time and work at night, if required.



*Above: At Rio Tinto's Bengalla Mine in the Hunter Valley, this coal stacker-reclaimer rail had lost support due to excess water ponding beneath the rail slabs. Uretek raised, re-levelled and re-supported the affected areas.*

*Below: This stacker-reclaimer rail at the West Angelas Mine in The Pilbara Region of WA was also brought back to level and re-supported; allowing the machine to access the vast quantities of stockpiled iron ore again in safety.*





*At Fortescue Metals Group's site at remote Port Hedland in Western Australia we strengthened the ground at up to 6 metres deep and lifted 1500 mm thick concrete rail index machine slab servicing 2 kilometre long iron ore trains carrying over 200 tonnes per wagon. Raising and releveling the slab restored proper engagement between the index machine gearing and the spline.*



*In the Hunter Valley Uretek corrected the tower base which holds the counter-weight for the coal conveyor system at Integral Energy's Glennies Creek Coal Mine. The conveyor system base structure was re-supported and raised by 390mm. Uretek took just three days to return the system to operation.*



## **Uretek Ground Engineering**

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