



**bhpbilliton**  
resourcing the future

## The Jansen Project

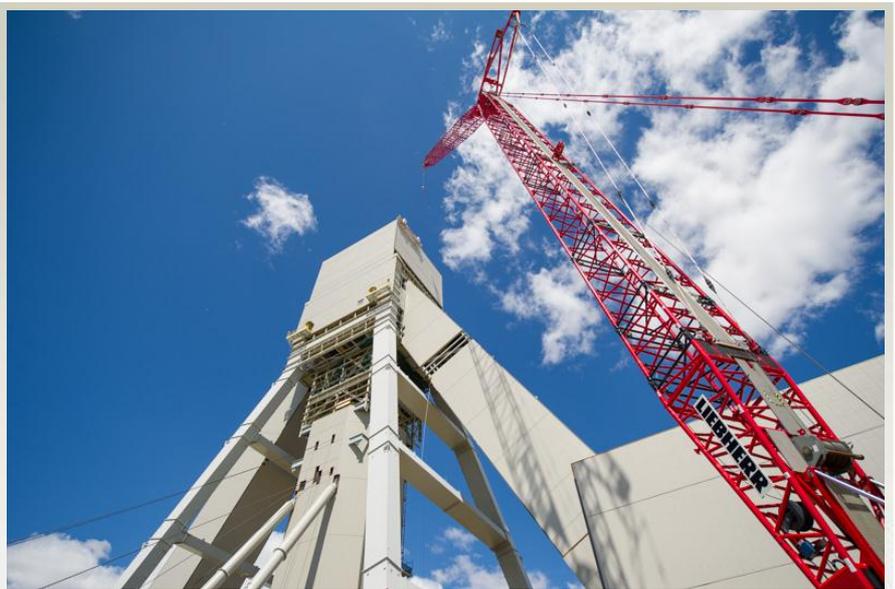


### General

We believe that Jansen is the world's best undeveloped potash resource and is likely to be one of the lowest cost sources of supply once fully developed. Investment in Jansen could underpin a potential fifth pillar for BHP Billiton (our current four key pillars are Iron Ore, Coal, Copper and Petroleum), given the opportunity to develop a multi-decade, multi-mine basin in Saskatchewan. Currently we are continuing to develop the production and service shafts in a staggered manner to mitigate risk and optimise their development. We will continue to modulate the pace of development as we seek to time our entrance to meet market demand, thereby maximising shareholder returns.

### About the shafts

- Two vertical mine shafts are currently under development at the Jansen Project. Both the production shaft and the service shaft will be about 6.5m wide and 1,030m deep. The role of the production shaft is to lift ore to the surface from the mine below, while the service shaft will be used to transport people and equipment.
- To prevent water from underground aquifers from flowing into the shafts during construction, the ground around the shafts has been frozen to a depth of 710 metres. As construction progresses, a liner is installed to keep water out and strengthen the structure of the shafts.
- The shafts are being excavated with Herrenknecht Shaft Boring Roadheaders (SBRs), which are essentially enormous tunneling machines placed on their ends.



**Facts by the numbers**

- **2.6 billion dollars** further invested to continuing to develop the Jansen Project
- **14,000 square feet** is the size of the Jansen Project Gym Complex which includes two squash courts and a golf simulator
- **30 kilometres** of piping is used in each mill at site
- **25** is the number of NHL hockey rinks that the freeze plant has the power to freeze.



● **97 metres** is the height of the permanent headframe on the Service Shaft, making it one of the tallest structures in Saskatchewan



**Community Initiatives**

In November 2013, BHP Billiton signed Opportunities Agreements with Kawacatoose First Nation, Day Star First Nation and Muskowekwan First Nation to ensure First Nation participation in the Jansen Project.

The agreement was the first of its kind in southern Saskatchewan and the first in the Potash industry.

In October 2014, BHP Billiton signed two more Opportunities Agreements with Beardy's and Okemasis First Nation and Fishing Lake First Nation.

**Community quick facts**

- BHP Billiton recently committed \$1-million over four years to fund the rebuilding of the LeRoy, Saskatchewan hockey rink which burnt down last year
- The company globally contributes ~1% of pre-tax profits; employees' time and contributions to registered organisations are matched by the company
- Although we have not produced potash and thus have generated no profits in Saskatchewan, the company and our employees have contributed over 9.4 million dollars to community initiatives in Saskatchewan over the past three years



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