



BHP Billiton

Building a world class potash business

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resourcing the future

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Key messages

- **Strong financial position with a long term focus**
- **Targeting potash production of 16 mtpa with room to grow**
- **Jansen Project start up projected in 2015**
- **Leveraging technology to ensure delivery**
- **Port, logistics and marketing plans well advanced**

Diversified by commodity, geography and customer

Aluminium

Aluminium operations across all three stages of the value chain

Base Metals

One of the world's largest producers of silver, lead and copper

Diamonds & Specialty Products

EKATI Diamond Mine, titanium minerals, Potash development and exploration

Energy Coal

One of the world's largest producers and marketers of export thermal coal

Iron Ore

One of the world's premier suppliers of iron ore

Manganese

Operations produce a combination of ores, alloys and metal

Metallurgical Coal

Produce and market high quality hard coking coals for the international steel industry

Petroleum

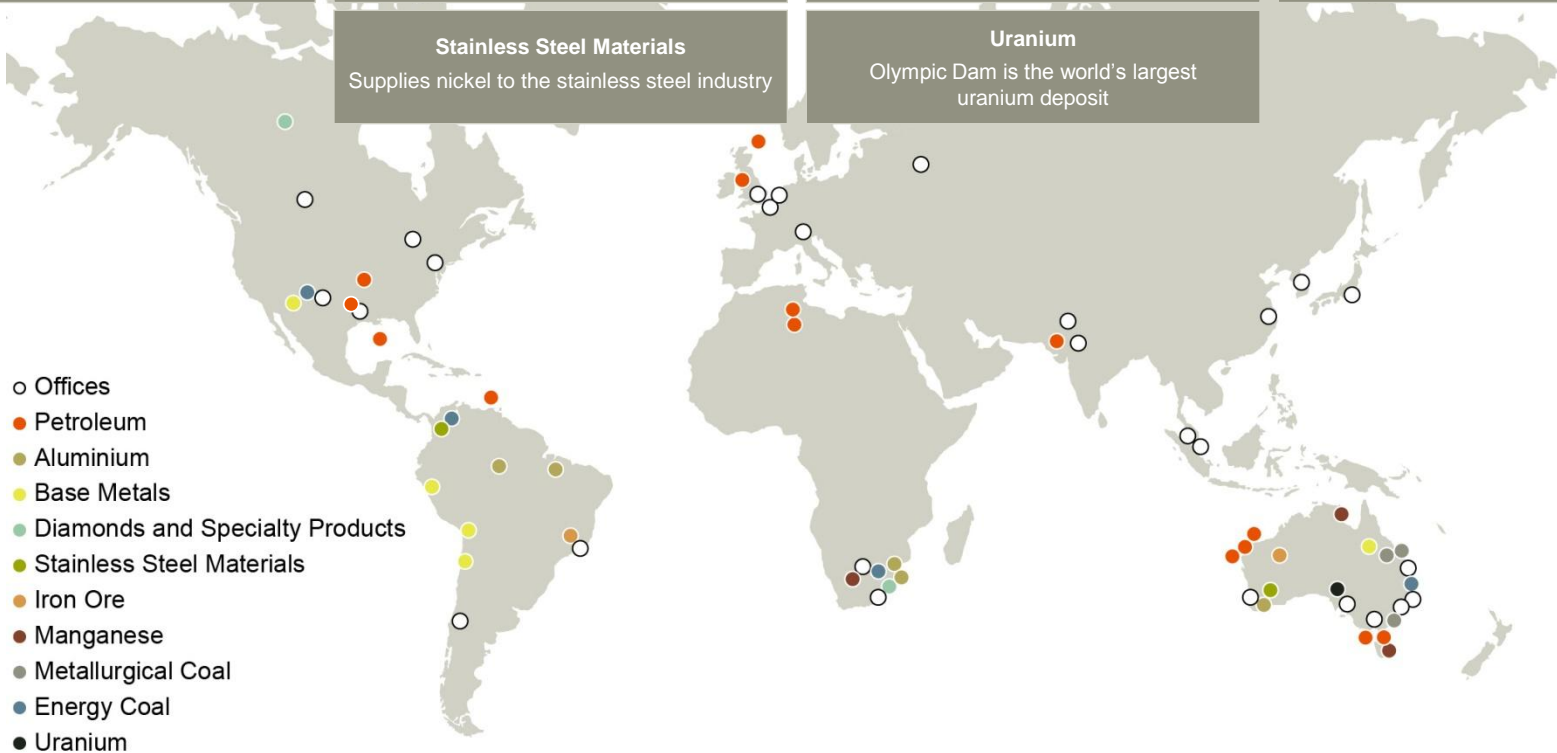
A significant oil and gas exploration and production business

Stainless Steel Materials

Supplies nickel to the stainless steel industry

Uranium

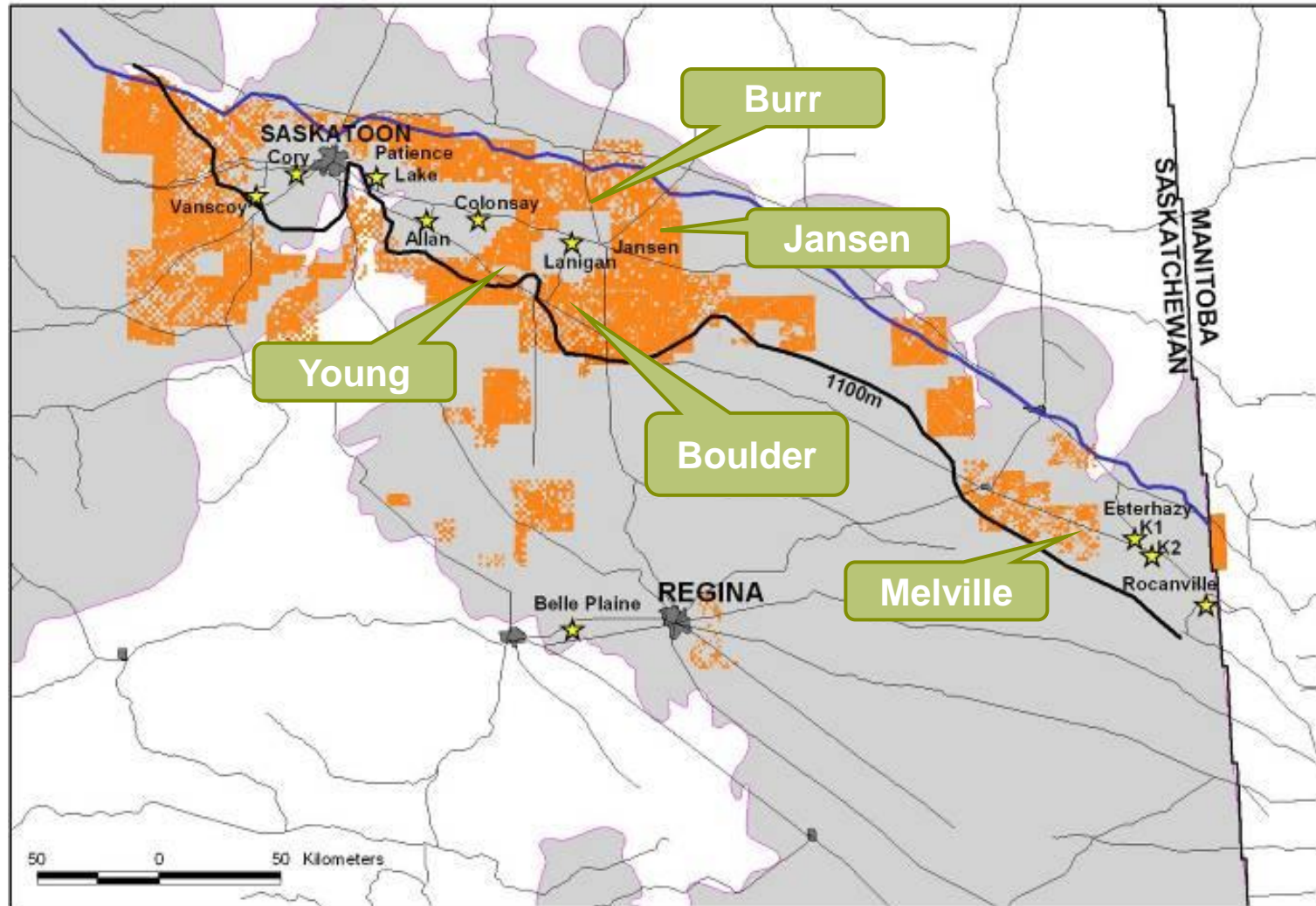
Olympic Dam is the world's largest uranium deposit



Project and Exploration activities are not shown on this map.

Extensive land holding in the world's premier potash basin

BHP Billiton potash tenements (~14,500 km²)

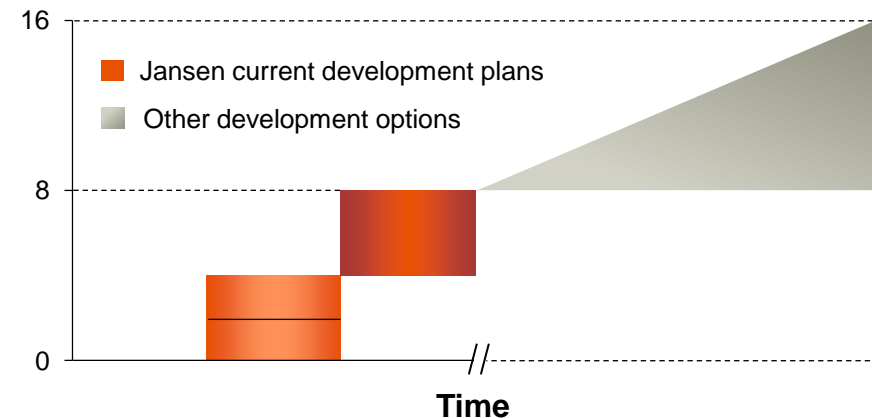


A global potash business

- Based in Saskatchewan with a significant project hub in Toronto
- Intensive project selection and definition process combined with a comprehensive exploration program underpins a commitment to grow this business to 16 mtpa, and beyond
- Total of ~US\$2 billion invested in potash in Saskatchewan in the past four years
- Jansen Project most advanced
- Young and Melville projects are in the concept study phase
- Exploration work is continuing at Boulder and Burr and in other areas
- Logistics and marketing to serve customers around the world well advanced



BHP Billiton potash production profile
(KCl million tonnes per annum)



Note: Conceptual representation of our conveyor belt of growth options.

Jansen Project

- Conventional underground mine
- SNC-Lavalin retained as EPCM contractor
- All shaft sinking contracts in place
- Saskatchewan Ministry of Environment has approved the EIS
- Submission to Board for approval to proceed to execution expected 2012
- First production targeted in 2015
- To be built in stages to grow to 8 mtpa capacity in ~8 years



Jansen Project site, Saskatchewan

Jansen stage 1 project – site (January 2012)

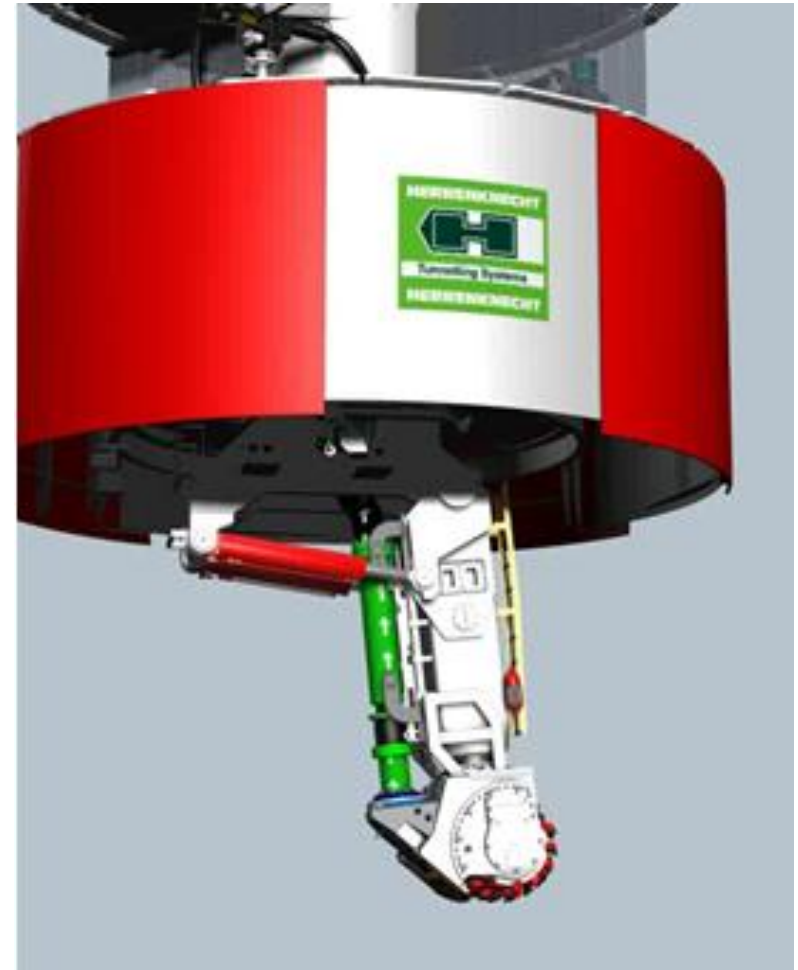
- ~250 people on site
- 89 freeze and monitoring wells have been drilled for the ground freezing program to enable sinking of shafts
- Freeze plant construction completed in August 2011
- Ground freezing commenced in September 2011 and the outside diameters of the shafts are now completely frozen
- Production facilities site preparation commenced September 2011
- Shaft excavation commenced



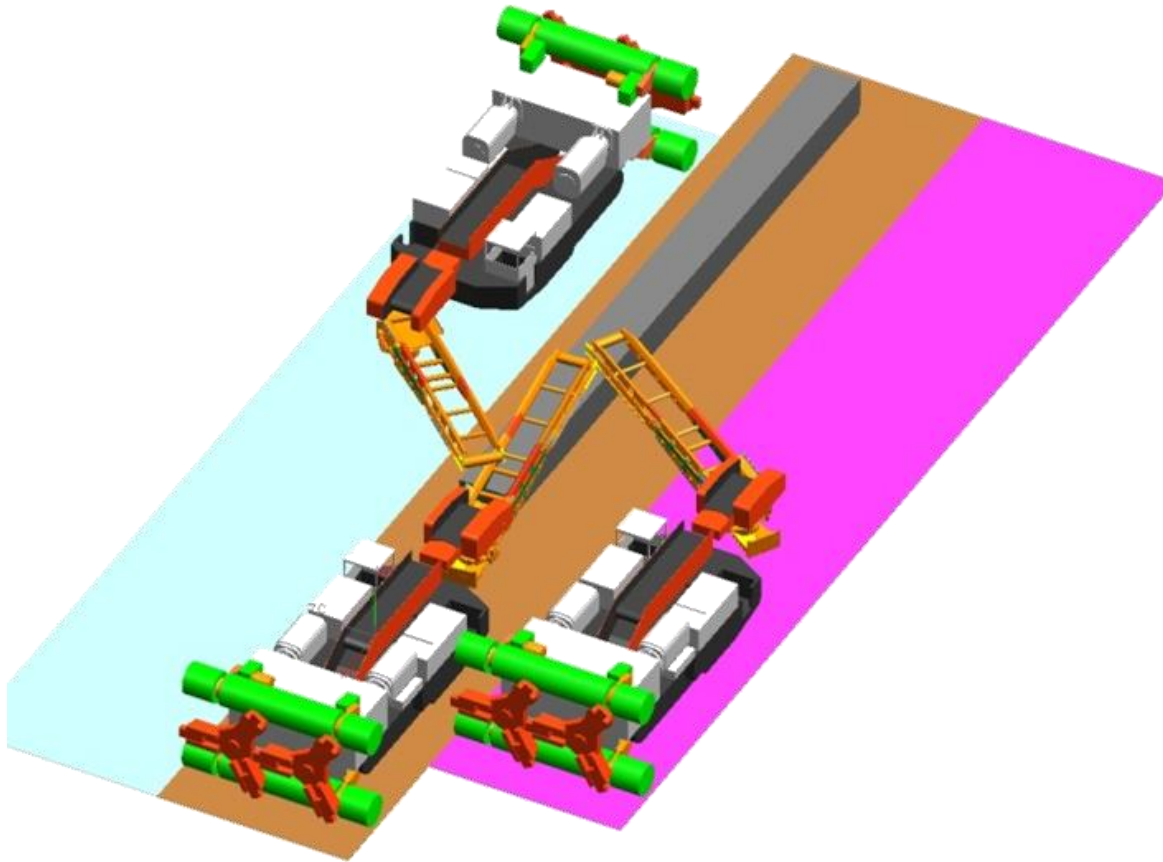
Freeze plant, Jansen Project

Jansen shaft sinking technology

- High sinking rates, expected to average approximately three metres per day
- Step change in safety with the removal of personnel from the shaft bench
- Integrated mechanical excavation, muck removal and ground support installation
- Full exploitation of sedimentary geology through mechanical excavation
- Engineering currently 85 per cent complete, fabrication is well underway
- Planning a full scale test in 1H 2012



Multiple pass mining



- Conveyor design needs to facilitate the goal of keeping the borers producing
- Borer design minimizes the setup time for conveyor establishment
- Highest productivity unit available in the market
- Manages the adjustable height required for the Jansen ore body
- Single pass mining in the vertical plane minimizes safety exposures

Project description – Stage 1 scope

Mine and plant site

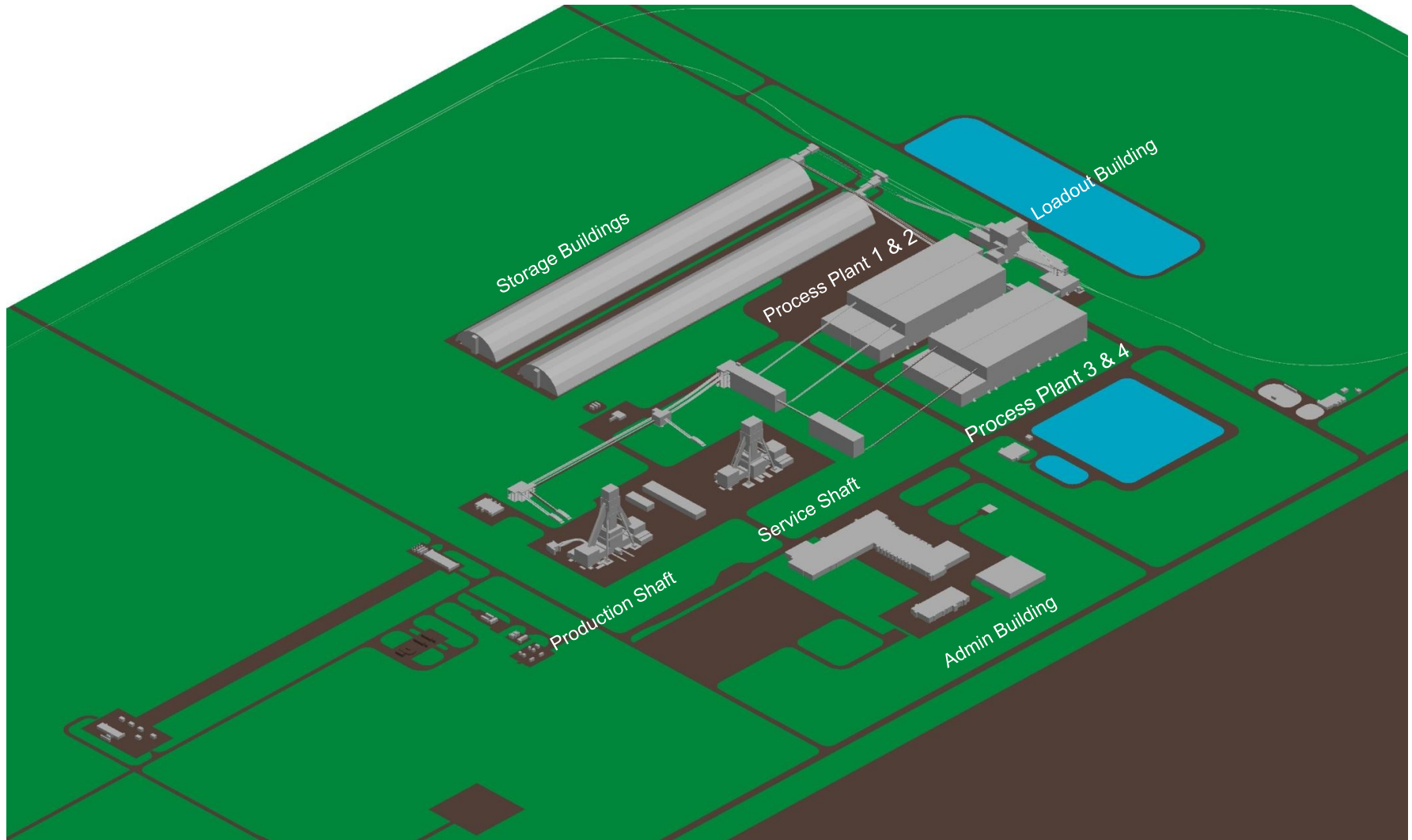
- Two 6.5 metre shafts to about 1 kilometre depth
- Fully equipped service shaft, head frame and hoist
- Six underground borers
- 10,000 tonne raw ore storage
- Tailings management system
- Processing plant
- Partial administration/mine dry/maintenance facilities

Infrastructure on site

- 100,000 tonne product storage building
- Rail loading facility
- Site accommodation
- Utility tie-ins (power, water, gas)



Jansen – complete



Artist's impression Jansen surface structures at capacity

Port, logistics and marketing

- Port of Vancouver, Washington USA, selected as preferred port location
- Permitting process under way
- In discussions with Canadian Pacific and BNSF for rail haulage
- New generation rail cars – continuous loading and unloading to speed up delivery
- BHP Billiton's model includes independent and customer-focused marketing. We intend to market our own potash production



Building a world class potash business

- Great portfolio of projects in Saskatchewan
- Global experience to build capacity for 16 mtpa and beyond
- Jansen is on track to be a modern high capacity mine starting production in 2015
- Jansen and our other potash developments are backed by the balance sheet of BHP Billiton
- Logistics and marketing experience will leverage new technologies to ensure efficient and safe delivery to customers around the world





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