



An Emerging Opportunity

Recovering Minerals and Bitumen from Oil Sands Tailings

AGM Feb 21, 2008

Forward-looking information

This presentation contains forward-looking information that involves various risks and uncertainties regarding future events. Such forward-looking information can include without limitation statements based on current expectations which are based on assumptions and are subject to a number of risks and uncertainties and are not guarantees of future performance of the Corporation. These risks and uncertainties could cause actual results and the Corporation's plans and objectives to differ materially from those expressed in the forward-looking information. These risks and uncertainties are more particularly described and updated by Titanium Corporation's Quarterly Management's Discussion and Analysis filed for the period ended November 30, 2007, on SEDAR at www.sedar.com. Most notably these risks and assumptions include, but are not limited to: the successful removal /recovery of hydrocarbons; changes in worldwide prices of zircon and titanium; fluctuation in exchange rates; legislative, political or economic developments including changes to relevant legislation in Canada; operating or technical difficulties in connection with development activities; requirement for additional funding; development timelines; expected capital expenditures; expected future oil sands production; and the Corporation's expected future production and cash flows. These and all subsequent written and oral forward-looking information are based on estimates and opinions of management on the dates they are made and expressly qualified in their entirety by this notice. The Corporation assumes no obligation to update forward-looking information should circumstances or management's estimates or opinions change.

Agenda

- Introduction
- Oil sands overview & the opportunity
- Overview of 2007
- Strategic plan & objectives for 2008
- Q & A

Creating wealth from waste

**Our vision is to create a new sustainable industry
in Alberta by processing oil sands waste
material into valuable products**



An opportunity to recover more value from tailings

- Rapid growth of mine-based oil sands production
- Recover additional bitumen
- Recover valuable heavy minerals
- Deliver environmental benefits
- Heightened environmental awareness
- Potential to provide an industry wide solution



Oil sands project evolution

- **Phase 1** – Pilot research facility in Regina
- **Phase 2** – Bulk sampling & mineral concentrator pilot on-site in Fort McMurray
- **Phase 3** – Bitumen recovery program

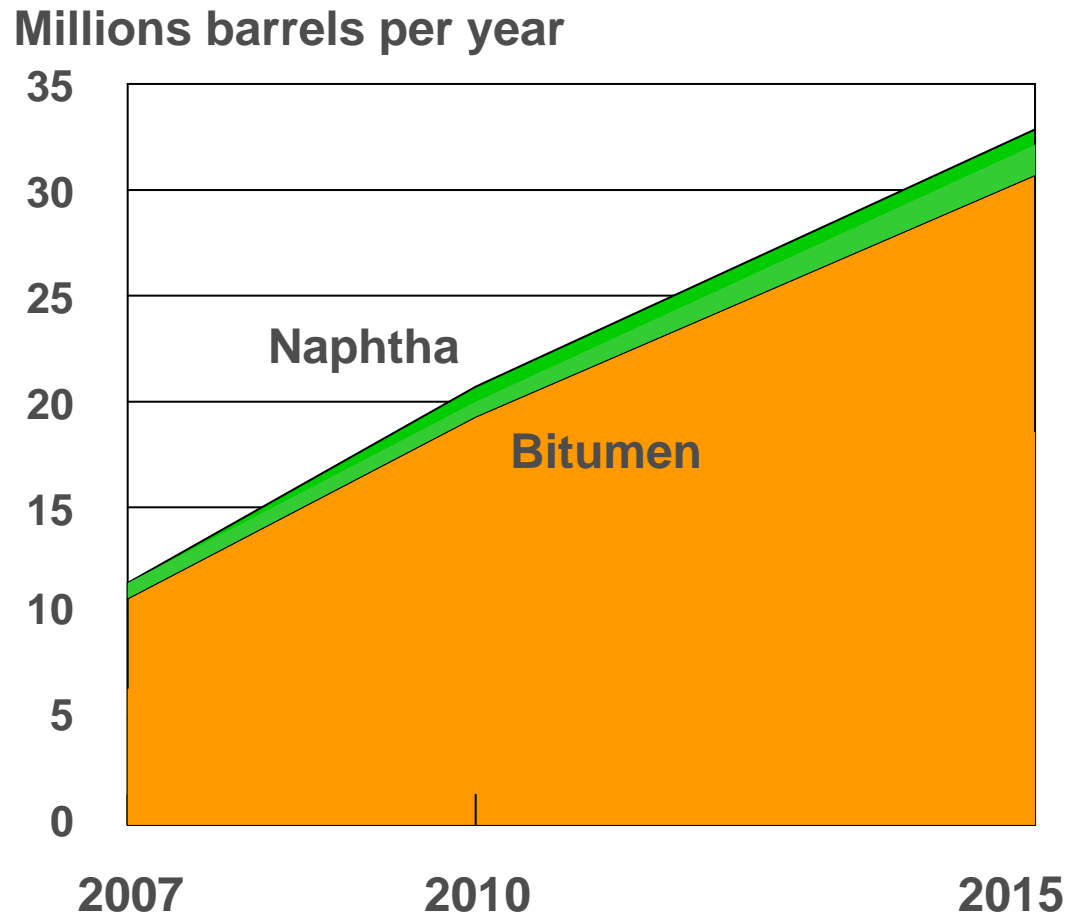
The oil sands industry is experiencing rapid growth

- Production forecast from 1.2 million BPD to 3.0 million BPD by 2015
- Bitumen losses in tailings increasing from 10 million barrels to 30 million barrels per annum
- New projects planned & expansions underway
- Tailings from mine-based extraction posing environmental concerns

Current mining projects that we are targeting

Company	Mine/Project	Forecast 2010 (bpd)	Potential 2015+ (bpd)
Syncrude	North Mine & Aurora	350,000	-
Syncrude Expansion	Aurora Expansion	-	500,000
Suncor	Steep/Mill	320,000	410,000
Albian/Shell	Muskeg River	230,000	300,000
CNRL	Horizon	110,000	500,000

Bitumen & Naphtha Losses in Froth Tailings: more than 30 million barrels per year by 2015

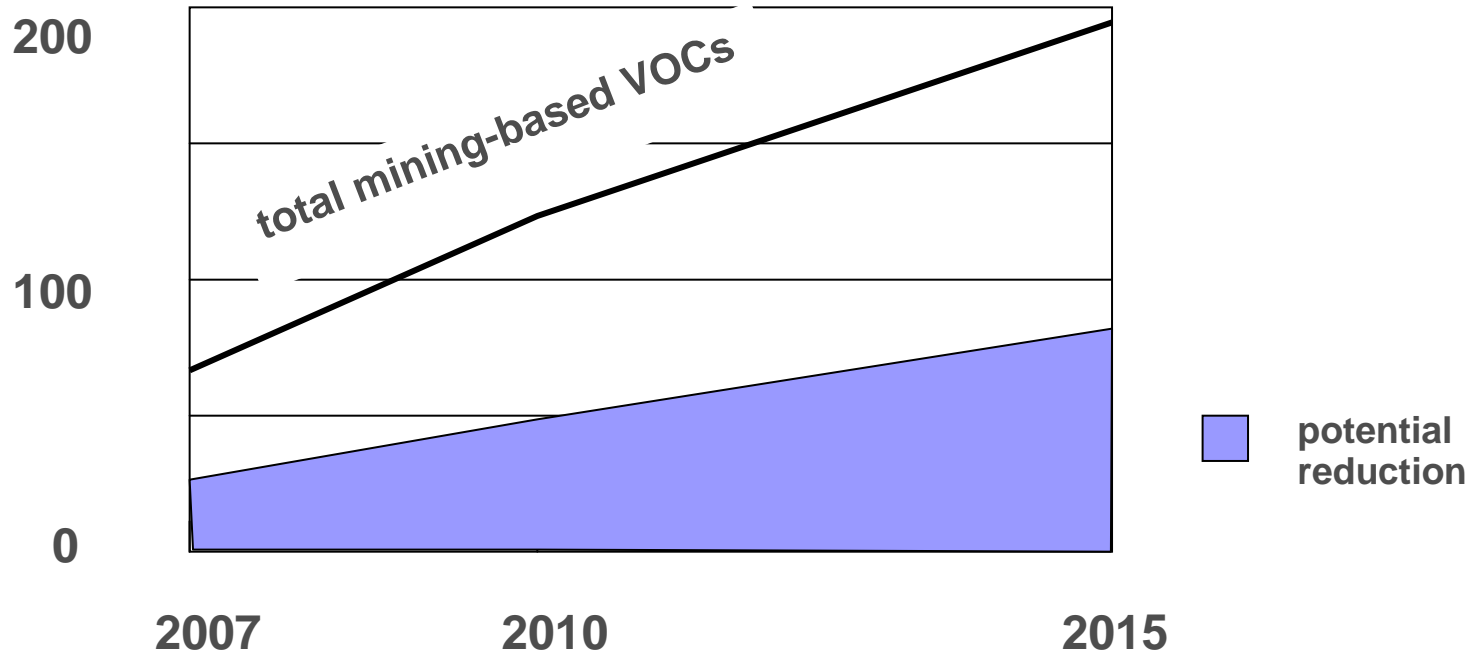


Significant potential for environmental improvements

- Assuming 50-60% recovery of hydrocarbons from tailings
- Substantial reduction of VOC emissions
- Reduction of intensity of CO₂ and NO_x
- Benefits occur at point of production (Fort McMurray)

VOC emission reduction potential

k-tonnes per year



2007 Review: Complete analysis of 2006 pilot program

- Achieved mineral concentrate recoveries in the 98-99% range
- Design improvements made to water and solvent systems
- Traces of bitumen still adhering to sands
- Bitumen removal/recovery integral to mineral recovery

Pilot concentrator on-site in Fort McMurray



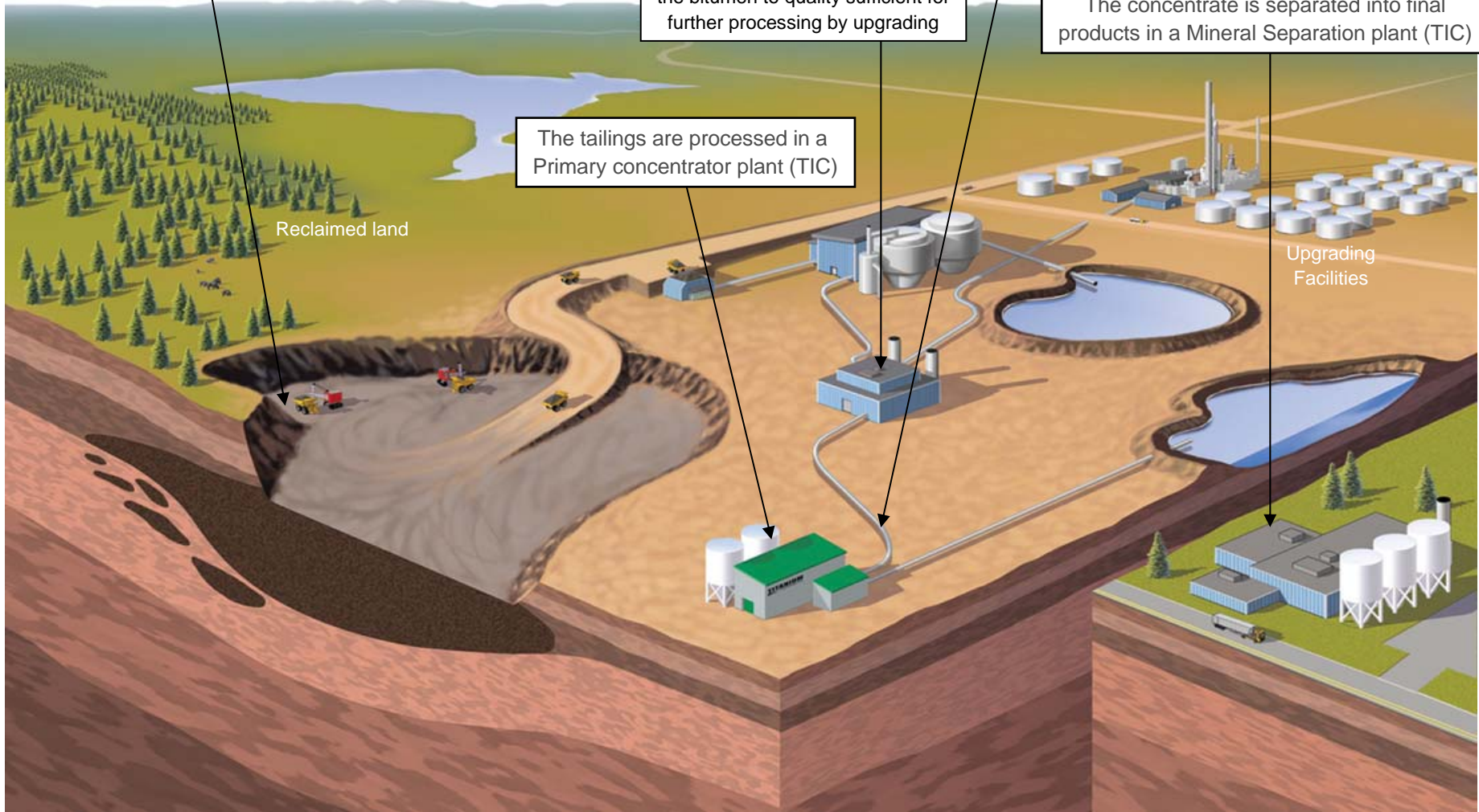
The oil sands reserves are shallow enough to be surface mined; the ore is crushed, slurried and pumped to the primary extraction plant

Titanium Corporation (TIC) would intercept froth treatment tailings directly from the pipeline

The froth treatment plant cleans the bitumen to quality sufficient for further processing by upgrading

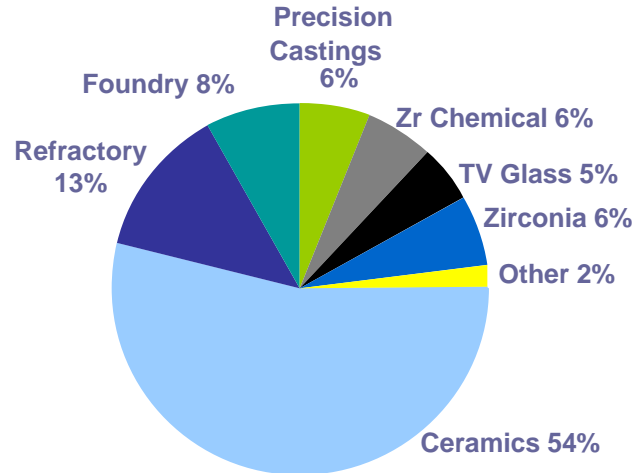
The concentrate is separated into final products in a Mineral Separation plant (TIC)

The tailings are processed in a Primary concentrator plant (TIC)

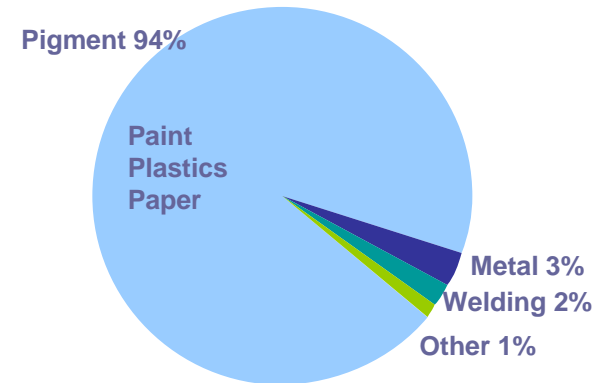


Markets for zircon and titanium are global...and growing

- Worldwide demand for heavy minerals growing steadily
- Demand/prices for zircon remain strong, particularly in Asia



Global consumption of zircon: 1.25 million tonnes/yr



Global consumption of TiO₂: 5.91 million tonnes/yr

2007 Review: Complete oil sands resource study

- Daily pipeline samples taken in 2005, 2006, 2007
- Analyzed oil sands drill core samples from current and future 10-year mining plan
- Correlated 2005 pipeline samples with drill core samples
- Third party resource study in 2008

2007 Review: Agreements with business partners, customers and stakeholders

- Formed cooperation agreements with Asian partners
- Gained Government support and direction regarding R & D
- Expanding oil sands relationships

2007 Review: Initiate financing to support commercial development

- Further R & D work on bitumen required before commercial development
- Initiated lab test work on bitumen removal & recovery
- Engaged outside research experts such as CANMET and SRC
- Developed multi-stage R & D program

An exceptional team with expertise in Oil sands, Minerals, Finance & Capital Markets

- **Scott Nelson**, President & CEO
- **Gordon Pridham**, Executive Chairman
- **C. Bruce Burton**, Director
- **Malcolm Macpherson**, Director
- **Brant Sangster**, Director
- **Eric W. Slavens**, Lead Director

Victor Wells, Chief Financial Officer

George Duguay, Corporate Secretary

Niel Erasmus, VP Production Operations

Dr. Salustio Guzman, VP Marketing & Technology

John Oxenford, VP Oil Sands Operations

Business review and strategic plan completed

- Comprehensive review and analysis for next stage of project
- Identified challenges and opportunities
- Multi-plant scenario very attractive
- Developed multi-stage bitumen R & D programs to commence in 2008
- Engaging additional international research experts

Path to commercialization – 2008 forward

- Execute bitumen recovery programs
- Access Government support for R & D
- Complete mineral technology work & market testing
- Complete bitumen recovery & pilot testing
- Final feasibility, financing, and construction

An exciting opportunity has emerged

- Canada's oil sands are growing rapidly
- The integrated recovery of minerals and bitumen represents a new expanded opportunity
- Potential to deliver important environmental and economic benefits
- Titanium Corp is leading the development of new sustainable technology that would be applied industry wide

Annual and Special Meeting

Exchange Listed: TSX-V: TIC

Shares Outstanding: 56 million

Cash Position: \$20 million

www.titaniumcorporation.com

