Junior Explorer of Choice for Uranium in Canada

TSX-V: TUE
FRANKFURT: T4X

TITAN URANIUM INCORPORATED

WWW.TITANURANIUM.COM

February 2009
FORWARD-LOOKING STATEMENT

Statements in this release that are forward-looking statements are subject to various risks and uncertainties concerning the specific factors identified in Titan’s periodic filings with Canadian Securities Regulators. Such forward-looking information represents management’s best judgment based on information currently available. No forward-looking statement can be guaranteed and actual future results may vary materially. Titan does not assume the obligation to update any forward-looking statement. This presentation is not a solicitation by Titan as an offer to sell its securities.
Junior Explorer of Choice
for Uranium in Canada

Advancing Projects to Discovery

Attracting Strategic Partners
Titan Team
BOARD of DIRECTORS

Lloyd Clark  
Geological Engineer
Former Exploration Manager SMDC

Darren Devine  
Corporate finance lawyer
Partner of Debondo Capital

David D’Onofrio  
Chartered Accountant
Tax Manager Smith, Nixon

Robert Hodgkinson  
Corporate finance
Chairman and CEO Dejour

Ami Johannson  
Businessman
Principal Canadian Nexus

Philip Olson  
Geologist
Former VP Claude Resources

Brian Reilly  
Geologist
Former VP AREVA
MANAGEMENT

Phil Olson, MSc., P. Geo. - Chairman & CEO
• 34 yrs exploration and mine geology (SGM, Noranda & CRJ)
• 8 years as SMA Exploration Chair
• Member of MTAMC, SMEGAC and CIM Best Practices

Brian Reilly, MSc., MBA, P. Geo. - President
• 25 yrs mining industry (Ontario MNDM, SER & AREVA)
• 11 years with AREVA
• Uranium experience in exploration, operations, international business development

John Povhe, B.Com. CA. - Chief Financial Officer
• 15 yrs accounting (KPMG, CRJ & MOS)
• 6 yrs mining related experience
TECHNICAL TEAM

Allan McNutt, MASc., P. Geo.- Vice-President Exploration
  • 33 yrs exploration (SMDC, Rio Algom, DMB)
  • Involved in Dawn Lake & Cigar Lake discoveries

John Dixon, MA., P. Geo. – Senior Geologist
  • 30 yrs exploration in Americas (DMB & WGM)
  • International project management experience

Ping Dong, Msc., PhD. – Senior Geologist
  • 25 yrs exploration and research (CRJ & GSChina)
  • Hydrothermal ore deposits expert

Rodney Koch, Bsc., P.Geo. – Geophysical Consultant
  • 35 yrs exploration and mining (AREVA & SMDC)
  • Involved in Kiggavik & Shea Creek discoveries

• 5 full-time Geologists, GIS and support staff
Properties
PROPERTIES: CANADA

Athabasca Basin
• 1.3 million acres
Titan Castle North and South Properties

Drilling by Titan
2006: 5,738m
2007: 2,142m
Total: 7,880m

5 km from AREVA’s Cluff Lake mine (produced 62.5M lbs U₃O₈, 1980–2002)

Adjacent to AREVA/UEX’s Shea Creek property hosting Anne, Colette and Kianna uranium deposits
Titan R-Seven/Rook I Properties

Drilling by Titan
2006: 4,455m
2007: 3,213m
Total: 7,668m

Adjacent to Cameco’s Hook Lake property where drill hole DER-04 intersected 0.25% \( \text{U}_3\text{O}_8 \) over 2.5 metres.
Drilling by Titan

2008: 1,568m

Titan drill hole TBN-08-04 intersected 0.057% U₃O₈ over 0.60 metres.
TOTAL EXPLORATION EXPENDITURES

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<th>Year</th>
<th>CDN$ M</th>
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<td>2009 (Projected)</td>
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Strategic Partners
STRATEGIC PARTNERS

Option Agreements

– Vale
  • $12M over 5 years

– JOGMEC 1
  • $9M over 3 years

– JOGMEC 2
  • $6M over 4 years

– Mega Uranium
  • $5M over 2 years
SUSTAINED FUNDING

Option Agreements = $21M (2009-12)

Working Capital = $5.5M (Unaudited Dec.31/08)

<table>
<thead>
<tr>
<th>Year</th>
<th>Vale</th>
<th>JOGMEC 1</th>
<th>JOGMEC 2</th>
<th>Mega Uranium</th>
<th>UR Energy</th>
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<tr>
<td>2012</td>
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FINANCINGS

- **October 21, 2005**
  2nd Raise
  $3 Million
  @ $1.00 per share

- **December 21, 2005**
  3rd Raise
  $300,000
  @ $1.50 per share

- **June 2, 2005**
  IPO
  $3 Million
  @ $0.50 per share

- **January 31, 2006**
  4th Raise
  $2.6 Million
  @ $1.60 per share

- **August 17, 2006**
  5th Raise
  $5 Million
  @ $1.90 per share

- **March 27, 2007**
  6th Raise
  $9 Million
  @ $2.75 per share
SHARE STRUCTURE

Shares Fully Diluted = 58.3M
Shares Outstanding = 52.8M
Annual Trading Range $0.11 to $0.99

- Float 37.8 M
- Dejour 15 M
- Options & Warrants 5.5 M
TITAN ADVANTAGE

- Uranium expertise
- Advanced projects
- Strategic partners
- Sustained funding
- International JV experience
The End