



**BASELODE**  
ENERGY

**URANIUM EXPLORATION IN SASKATCHEWAN**  
**TSXV : FIND**

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We are in the mineral exploration and development business. It is inherently risky, and all potential investors should be keenly aware of this.

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All currency numbers are in \$CAD unless otherwise stated.



# A Brand-New Uranium Explorer

- Tight Capital Structure: 28.9M shares out.
- CEO James Sykes has discovered +550 lbs. of Uranium including NexGen's Arrow Deposit
- Clear focus on Basement-Hosted Deposits in the Athabasca Basin
- Uranium is at the cusp of a long-anticipated BULL market
- Why Uranium? Please see Baselode's webinar:
  - ['White Lies about Green Energy and the Truth about Uranium'](#)



# James Sykes – CEO Focused on Discovery

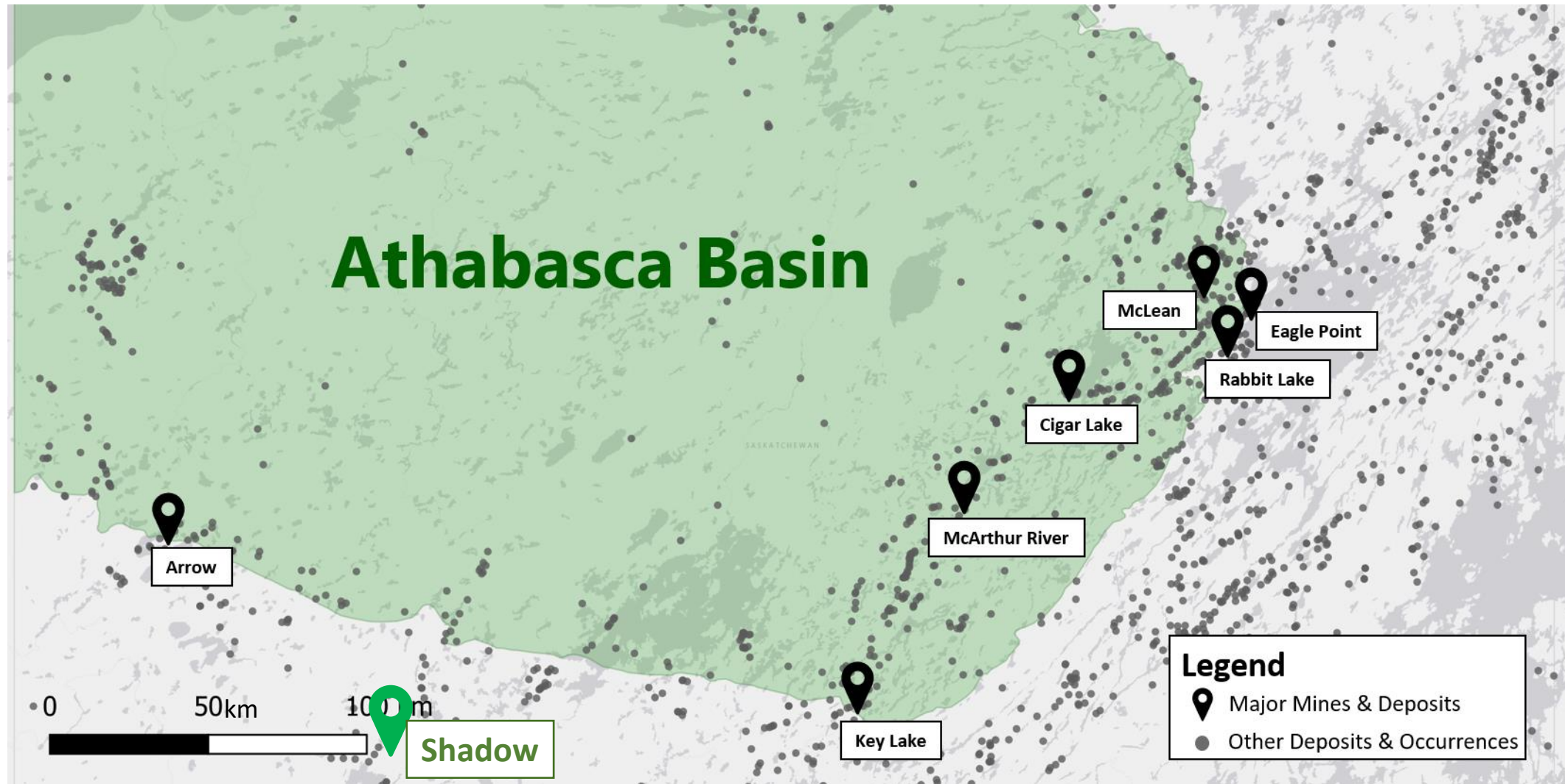
- James is a top uranium geologist in the Athabasca Basin
- Strategy to discover high grade, near surface, minable uranium deposits
- New ideas and interpretations where others are not exploring
- Athabasca 2.0—basement-hosted Uranium deposits
  - Focus on finding the next 'Arrow'

# Athabasca Basin – Highest Grades in the World

- **Athabasca accounts for 15% Global Production**
  - Average Grades: ~3.95%  $\text{U}_3\text{O}_8$  Athabasca vs. ~0.15%  $\text{U}_3\text{O}_8$  Rest of the World
- **1%  $\text{U}_3\text{O}_8$  = 22.86 gpt gold (\$1500/oz gold and \$50/lb uranium)**
- **Geopolitically stable, proven mining and infrastructure in place**
- **Athabasca High-Grade deposits are lower-cost operations compared to alternative jurisdictions (i.e. USA)**



# The Athabasca Basin



# Athabasca 2.0: Basement-hosted Deposits

## Basement-Hosted Deposits (Athabasca 2.0)

- “Simpler” geology
- More competent rock
- Easy mineability
- Examples: Arrow, Rabbit Lake, Eagle Point, Uranium City



## Traditional Unconformity Deposits (Athabasca 1.0)

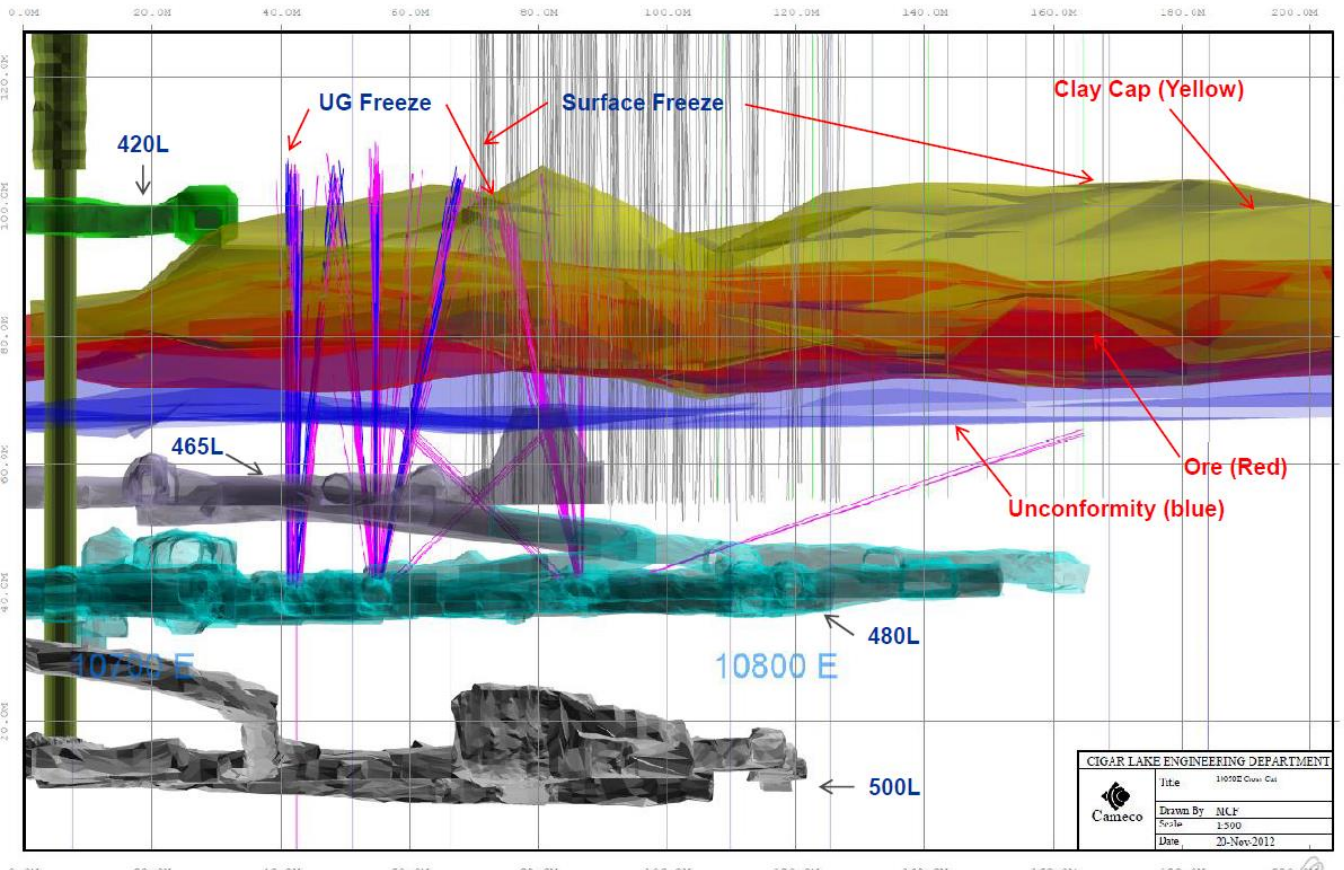
- Complex geology
- Incompetent
- Mine engineering difficulties
- Deeper mines require freezing
- High CAPEX
- Examples: McArthur River, Cigar Lake





# Athabasca 1.0 – Cigar Lake Example

## ► U/G As-Built Isometric – Looking North



## Engineering Nightmare

- Discovered in 1980, Production in 2015
- Freeze walls needed for production
- Water in the sandstone is the issue
- Expensive to build and mine



# Baselode's Discovery Thesis

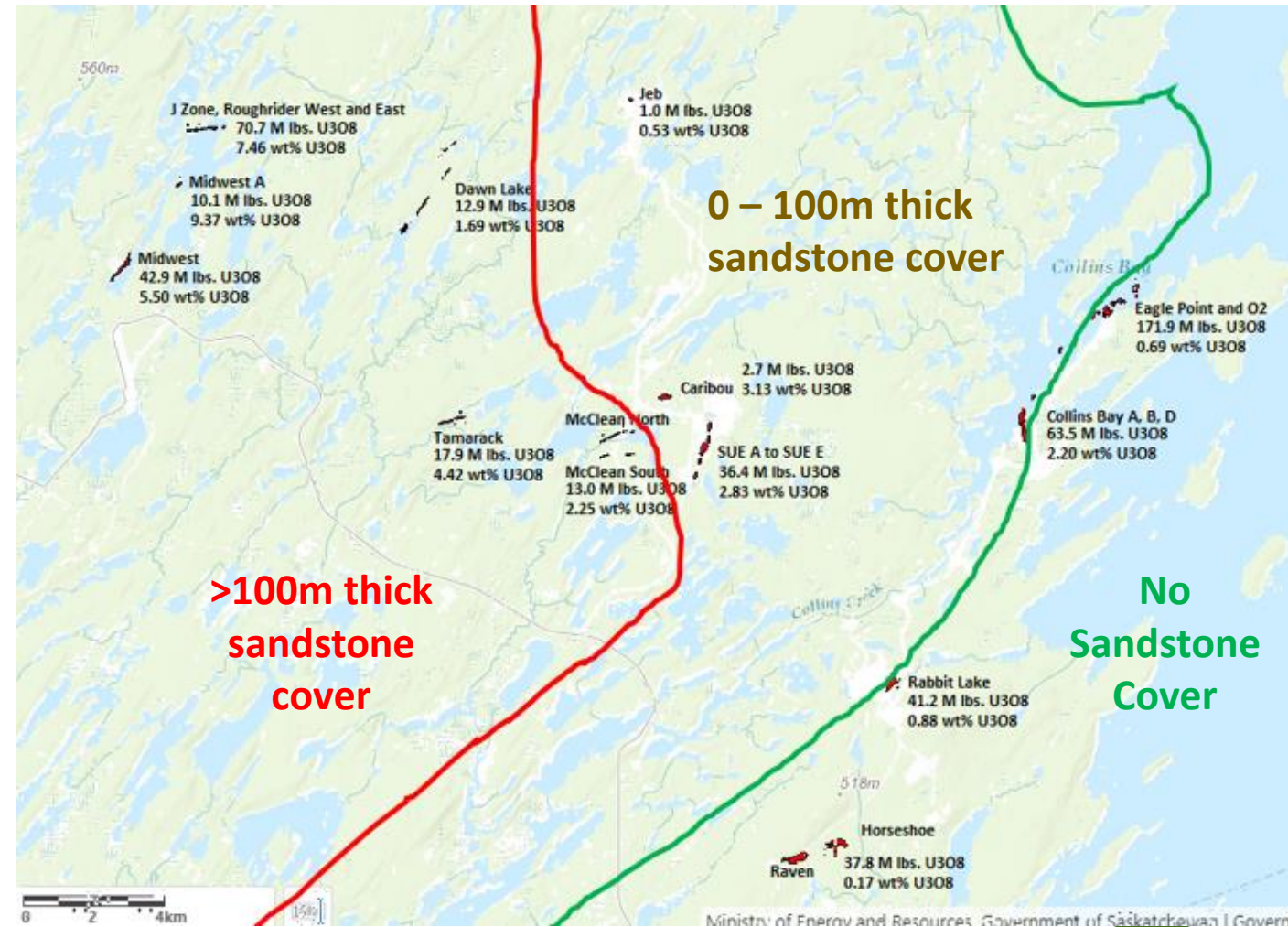
# Athabasca 2.0: Basement-hosted Deposits

- Why is everybody still exploring in the sandstone (Athabasca 1.0)?
- “Unconformity-hosted” uranium deposit is a Red Herring
- The correct term is “structurally-controlled” uranium deposits
- The Athabasca Basin is simply a chemical trap.
- Uraniferous structures were there and active prior to uranium deposition with the sandstone. Sandstone may have helped the progress along

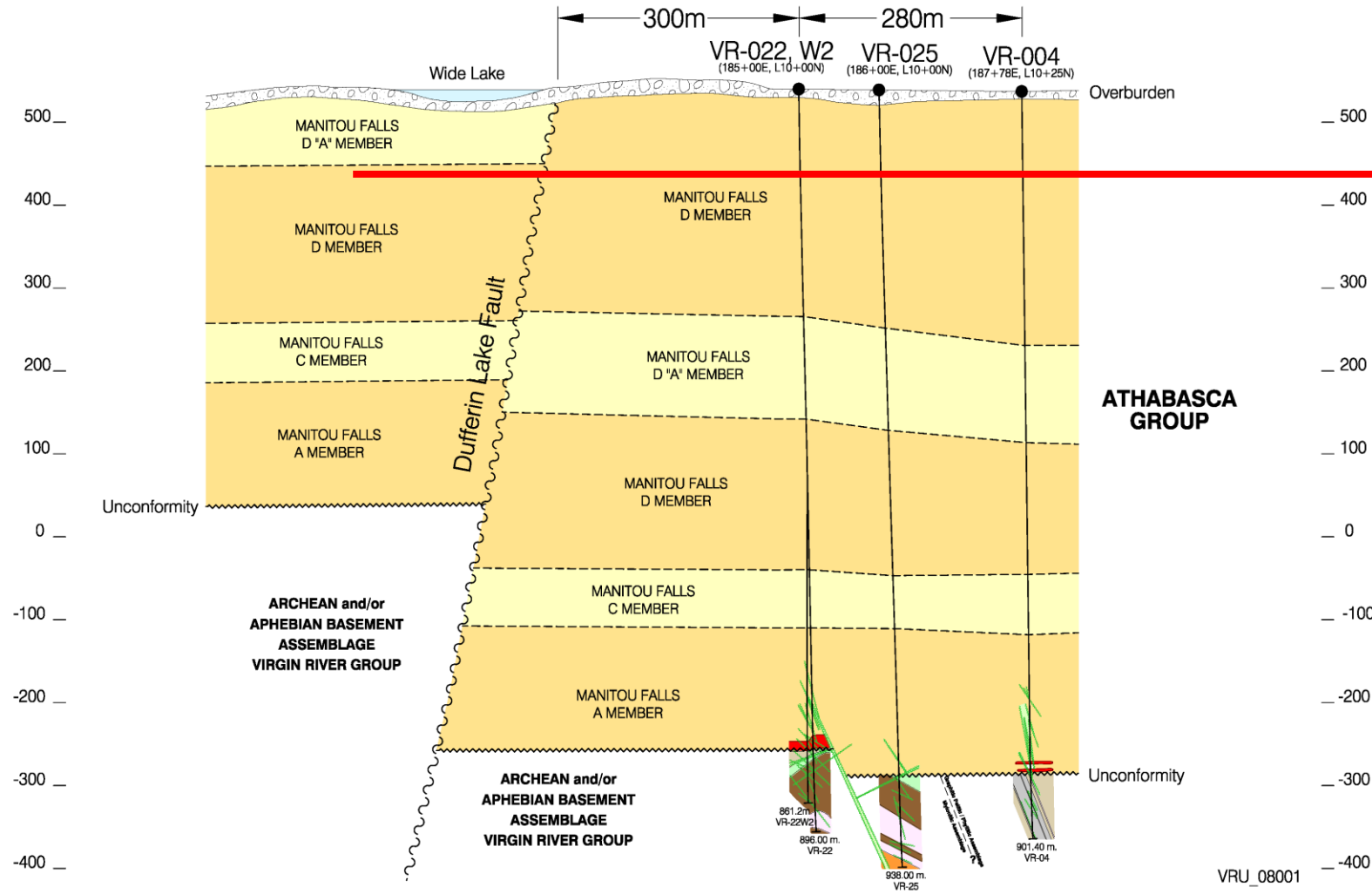


# What type of Uranium Deposit Gets Mined?

- If no sandstone cover, then it's been mined
  - 0 – 100 m thick sandstone is max the target
- WE DON'T WANT SANDSTONE COVER!
- WE WANT BASEMENT ROCKS
- WE WANT STRUCTURES



# Genetic Model: Centennial Zone



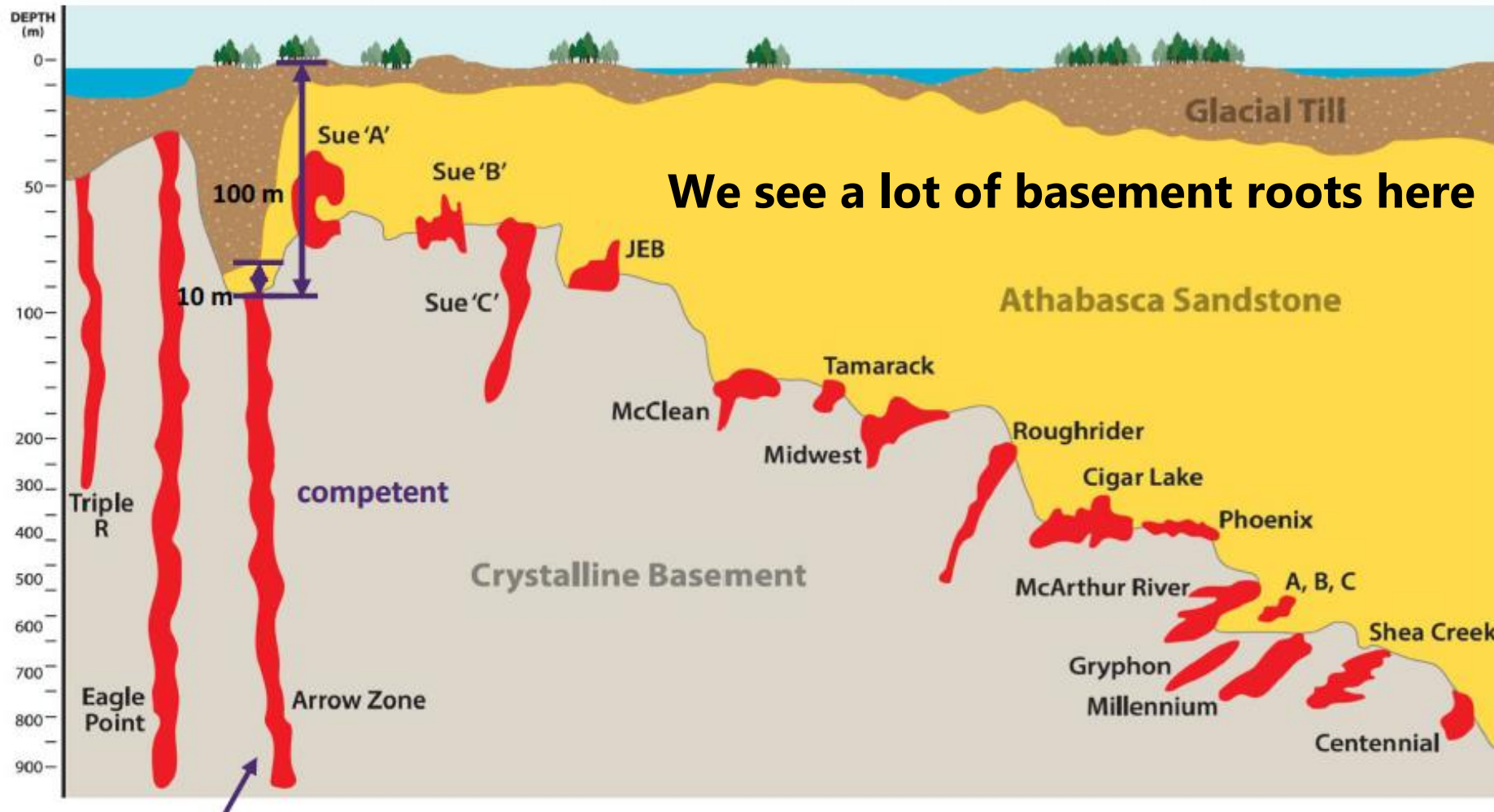
**Maximum open pit design limits for sandstone hosted Athabasca Basin high-grade uranium deposits**

**Why do we want to find a mine down here?  
We don't!**



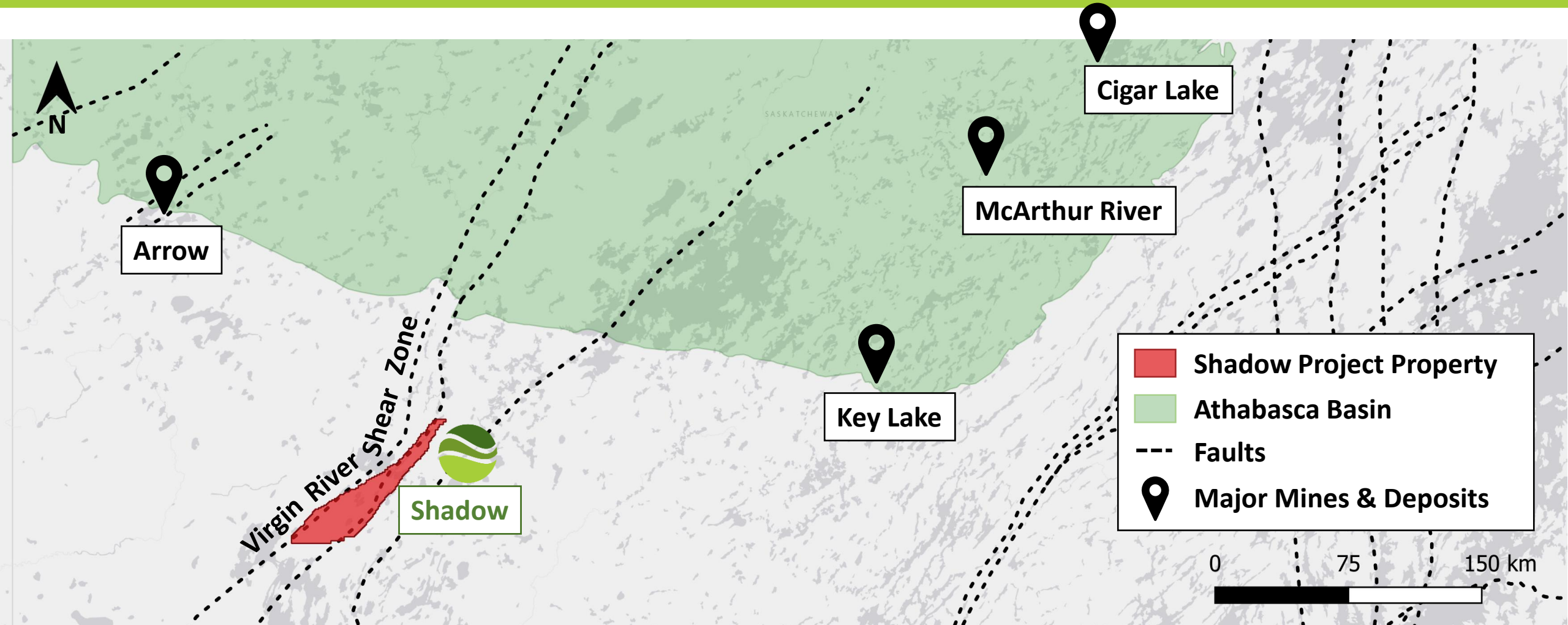
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# Athabasca 2.0: Basement-hosted Deposits





# Baselode's Shadow Project





# Baselode's Shadow Project

- 100% owned with no Royalties
- 41,885 Hectares (418 km<sup>2</sup>)
- Hosts Deep Structures which are critical for Basement-hosted deposits
- Within the Virgin-River Shear Zone – a Massive Structure
- Similar features to:
  - Uranium City Area
  - Eagle Point system
  - Arrow system



# Uranium Content in Athabasca Rocks

## U values in rocks in the Athabasca Basin



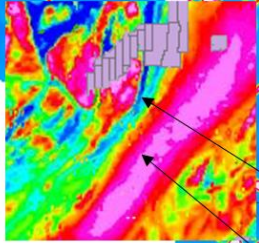
Athabasca sandstones	0.5 ppm
Western Craton	14.2 ppm
Mudjatik and Virgin River gneisses	15.1 ppm
Virgin River schists	18.1 ppm
Wollaston graphitic pelitic gneisses	4.2 ppm
Wollaston pelitic gneisses	3.9 ppm
Wollaston Archean granites	3.2 ppm
Key Lake Archean granite	6.0 ppm

- The basement rocks in this area are naturally enriched with uranium
- Put a structure through a series of original uranium pods, you leach, mobilize and deposit uranium in higher concentrations



# Shadow Project Geophysics

## Airborne Radiometrics

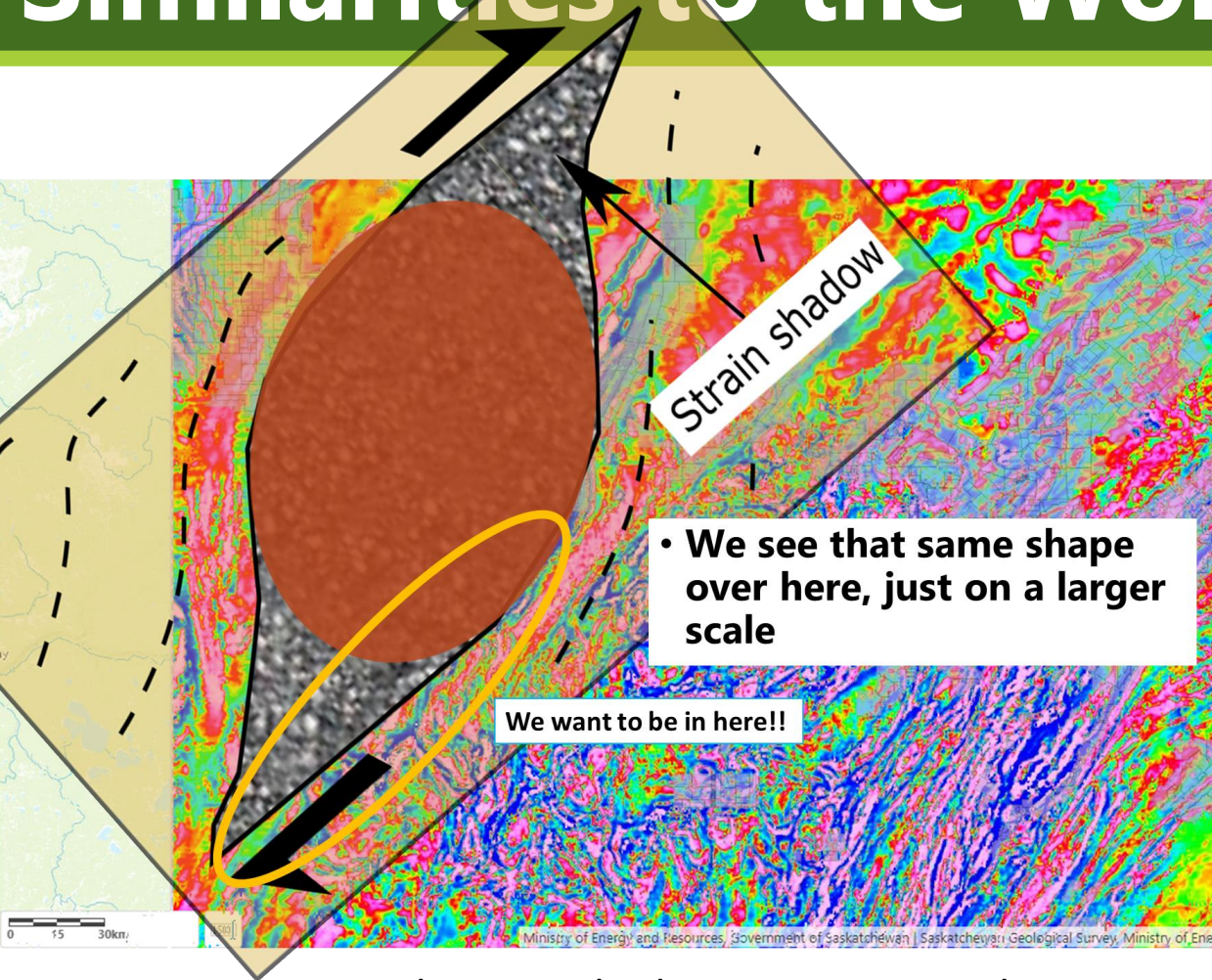


- Notice large “anomalies” within the eastern big block. This correlates exactly with the pink magnetic feature.
- These anomalies are large compared to most of the other anomalies across the Basin within the same survey. And their peak values are within the 97<sup>th</sup> percentile. Potential!!
- The western big block is the main structural domain and other lithologies (greens and blues)
- The two properties are roughly separated along the main fault.
- If the pink rocks are fertile with uranium, and they become incorporated within a major structure, there's a good chance that that uranium has been deposited along the structure

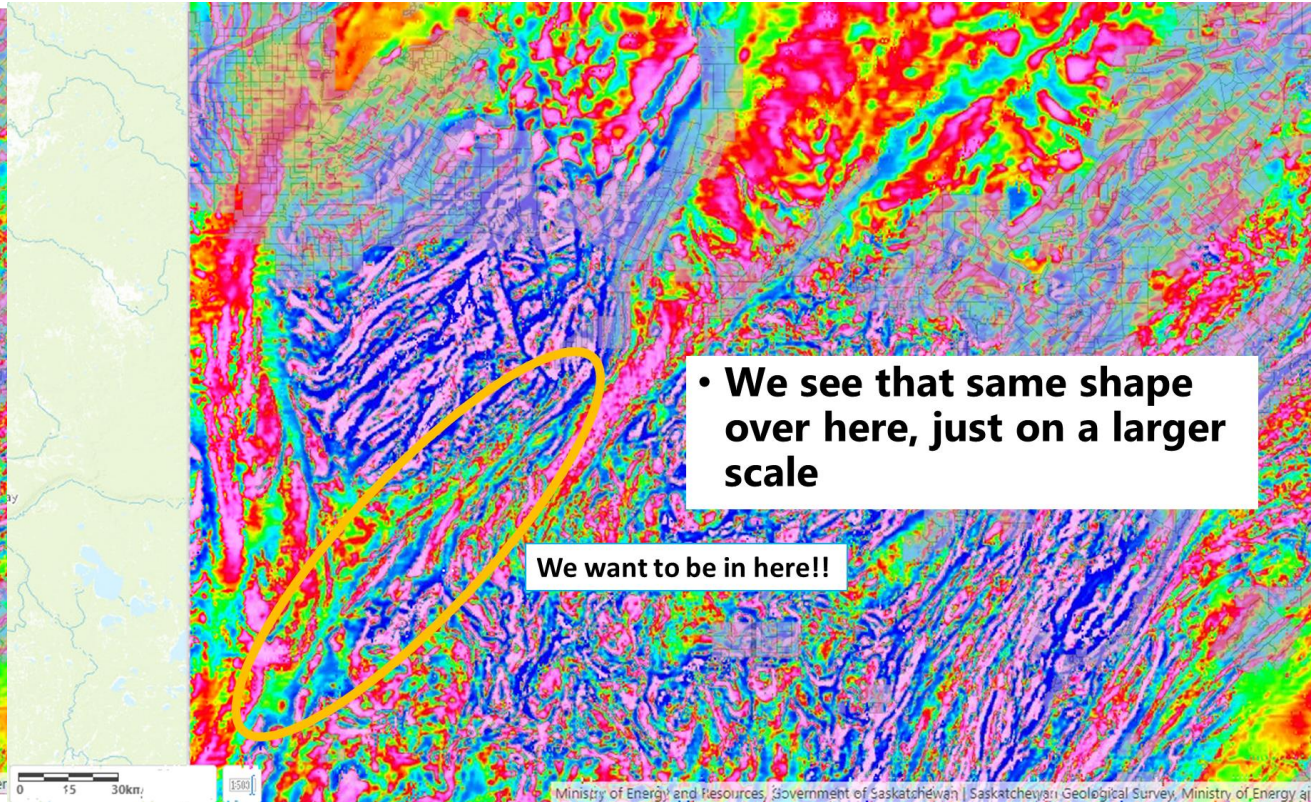




# Similarities to the Wollaston Domain



With Strain Shadow Superimposed



Without Strain Shadow Superimposed





# Management & Board

## **James Sykes, B.Sc. – CEO**

James brings 10 years of Athabasca Basin uranium exploration and discovery experience to the team, most notably from prominent roles for NexGen's Arrow deposit and having provided invaluable work on Hathor's Roughrider deposits. Over the past decade, he has been directly and indirectly involved with the discovery of over 450 M lbs. of U<sub>3</sub>O<sub>8</sub> in the Athabasca Basin.

## **Stephen Stewart, M.Sc., MBA – Chairman**

Stephen has over 15 years of experience in the resource and finance industries where he has evaluated and raised capital for natural resource projects. His focus has been on the acquisition, exploration and development of resource assets and has served as a senior officer with TSX Venture companies.

## **Alex Stewart, J.D. – Director**

Alex has over 40 years of experience in the practice of securities law and natural resource investment. In the past he was the founder behind a number of mining projects including the Cote Lake Project and the Eagle One deposit. He holds a Bachelor of Arts from the Western University, a Juris Doctor from the University of Toronto Law School and a Diploma, LCE, from the University of Madrid.

## **Charles Beaudry, M.Sc., P.Geo – Director**

Charles is a professional geologist with more than 38 years of experience in mineral exploration and project development of precious and base metal deposits across the globe, including 2 years in uranium in the Athabasca. Charles spent 17 years with Noranda-Falconbridge-Xstrata as well as a tenure with IAMGOLD as General Manager of New Business Opportunities.

## **Gautam Narayanan, M.Sc. MBA – Director**

Gautam's previous experience spurs from the Capital Markets, where he worked in equity research covering Base and Precious Metals at Canaccord Genuity, and prior to that, as a consultant focusing on natural resource investments—primarily covering the global phosphate and potash industry. Gautam is currently the VP Corporate Development at Orefinders Resources and Power Ore Inc., as well as a Director of Mistango River Resources.

## **Michael Mansfield, CPA, CA, CFA – Director**

Mr. Mansfield is a Vice-President, investment professional with Industrial Alliance Securities Inc. Mr. Mansfield has 20 years' experience as investment advisor specializing in the Canadian venture market working both on the private and public investors and companies. He has a track record of successfully taking public over a hundred of companies through the completion of qualifying transactions by Capital Pool Corporations and secondary financings. Mr. Mansfield graduated from the University of Calgary in 1989, articulated with KPMG and obtained his CA designation in 1993 and CFA designation in 1998.



**James Sykes**

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