



## Investment Highlights

- Sisson Brook entering development stage in mining-friendly New Brunswick, Canada
- Primary Focus: complete a pre-feasibility study for the Sisson Brook tungsten - molybdenum project
- Updated Preliminary Economic Assessment Report on its Sisson Brook deposit projected a Net Present Value (at 8% discount rate) of US \$372 Million, IRR of 23%.\*
- Good access to all infrastructure: power, roads, rail, deep water ports
- Planned as low cost open pit bulk tonnage mine
- Secure North American location for Western Hemisphere tungsten consumers

\*This assessment is preliminary in nature and it includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves. There is no certainty that the preliminary assessment will be realized. The mineral resources discussed here are not mineral reserves and do not have demonstrated economic viability. Jack M. Marr, M. Sc. P. Geo., is the QP, responsible for the Sisson Brook project.



Sisson Brook Zone III Trench

## Tungsten Project in New Brunswick, Canada

TSX.V: **GXM**

Frankfurt: **G2W**

### Geodex Minerals Ltd.

Geodex Minerals' future is its large Sisson Brook tungsten-molybdenum deposit in New Brunswick.

Sisson Brook has moved into the development phase based on the successful drill delineation program, the advantages of a very secure and well-serviced location and the output and flexibility of a potential open pit operation.\* The preliminary economic assessment report details a mine that would become one of the largest tungsten producers in the western world, producing metals which are fundamental for steel production and infrastructure development.

\* Preliminary Economic Assessment Report, May 2009

### Worldwide Economics of Tungsten - a China Story

- 70% of tungsten is used in infrastructure and steel sectors
- There is a lack of tungsten production in the Western hemisphere; China supplies 75% of the world's tungsten
- China has recently shifted from an exporter to a net importer with an increasing focus on producing downstream tungsten products
- A significant supply/demand gap continues to emerge in tungsten markets and is forecast to increase beyond 2010



Geodex Management Team



## Sisson Brook Project

Tungsten-Molybdenum

- Geodex owns 70% directly and 16% indirectly, no royalties
- Most recent 43-101 resource estimate increased Measured & Indicated resource by 30% and defined high grade areas
- Initial Preliminary Economic Assessment indicates an NPV (8%) of \$372 Million and an IRR of 23% over a 20 year mine life \*
- Sisson Brook would account for an estimated +3% of the world's tungsten production at a planned mining rate of 20,000 tonnes per day
- The Company has registered its Sisson Brook tungsten-molybdenum project with the New Brunswick Department of Environment and completed its first full year of environmental and socio-economic studies
- Geotechnical studies and engineering work for plant design, waste dumps and tailings progressing well
- Pre-feasibility study is the next immediate milestone towards achieving production

\* Preliminary Economic Assessment Report, Sept 2009

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### Sisson Brook December 2009 43-101 Resource Calculation Zone III & Ellipse

Zone III & Ellipse	Tonnes (million)	WO <sub>3</sub> %	Mo%	WO <sub>3</sub> % Equivalent (2.02:1)	WO <sub>3</sub> Kg (million)	Mo Kg (million)
M&I	177.4	0.094	0.031	0.157	167	55
Inferred	69.0	0.086	0.033	0.153	-	-

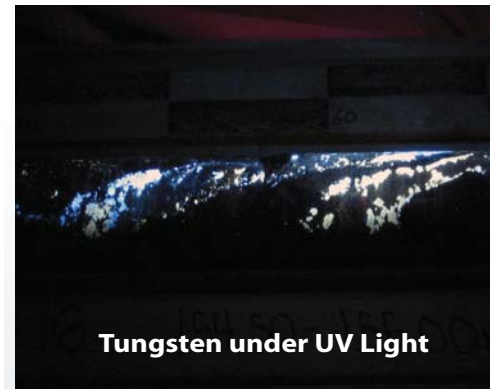
WO<sub>3</sub> Equivalent cutoff (%) 0.100, % WO<sub>3</sub>(equiv.)=%WO<sub>3</sub>+ (2.02 x %Mo)

## Mount Pleasant West Poly-Metallic Project

Tungsten-Molybdenum-Tin-Indium-Zinc

- Mount Pleasant West - large land position covering numerous poly-metallic targets
- The property is adjacent to the formerly-producing Mt Pleasant tungsten-molybdenum mine, currently undergoing economic evaluation by the owner, Adex Mining Inc.
- Highlights from 2006 - 2009 drilling programs:
  - 18.0 metres\* of 0.18% zinc, 0.9% lead
  - 10.6 metres\* of 1.45% zinc, 55g/t indium

\*True width



Tungsten under UV Light

## Management & Directors

**Mark Fields**, P.Geo., B. Comm.  
*President, CEO*

**Jack M. Maris**  
*Chairman, Director*

**Jack M. Marr**, M.Sc., P. Geo.  
*VP Exploration, Director*

**Jack Patterson**, M.Sc., P. Geo.  
*Director*

**David M. Buckle**, B.Sc.  
*Director*

**Neil S. Seldon**, B.Sc.  
*Director*

**Neil Humphreys**, M.Sc., P. Geo.  
*Chief Geologist*

**Blaine Bailey**, B. Comm., CGA  
*CFO, Secretary*

**Dave Martin**, B.Sc., P. Geo., CGA  
*VP New Brunswick Operations*

## Share Structure

(February 2010)

TSX.V: GXM  
Frankfurt: G2W

Shares Outstanding: 100.3 million  
Fully Diluted: 127.9 million  
Cash on Hand: \$1.0 million

## Contact Us

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