

Update on Mining and Mineral Exploration in Saskatchewan, Canada

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Saskatchewan: A Diverse and Rich Mineral Endowment

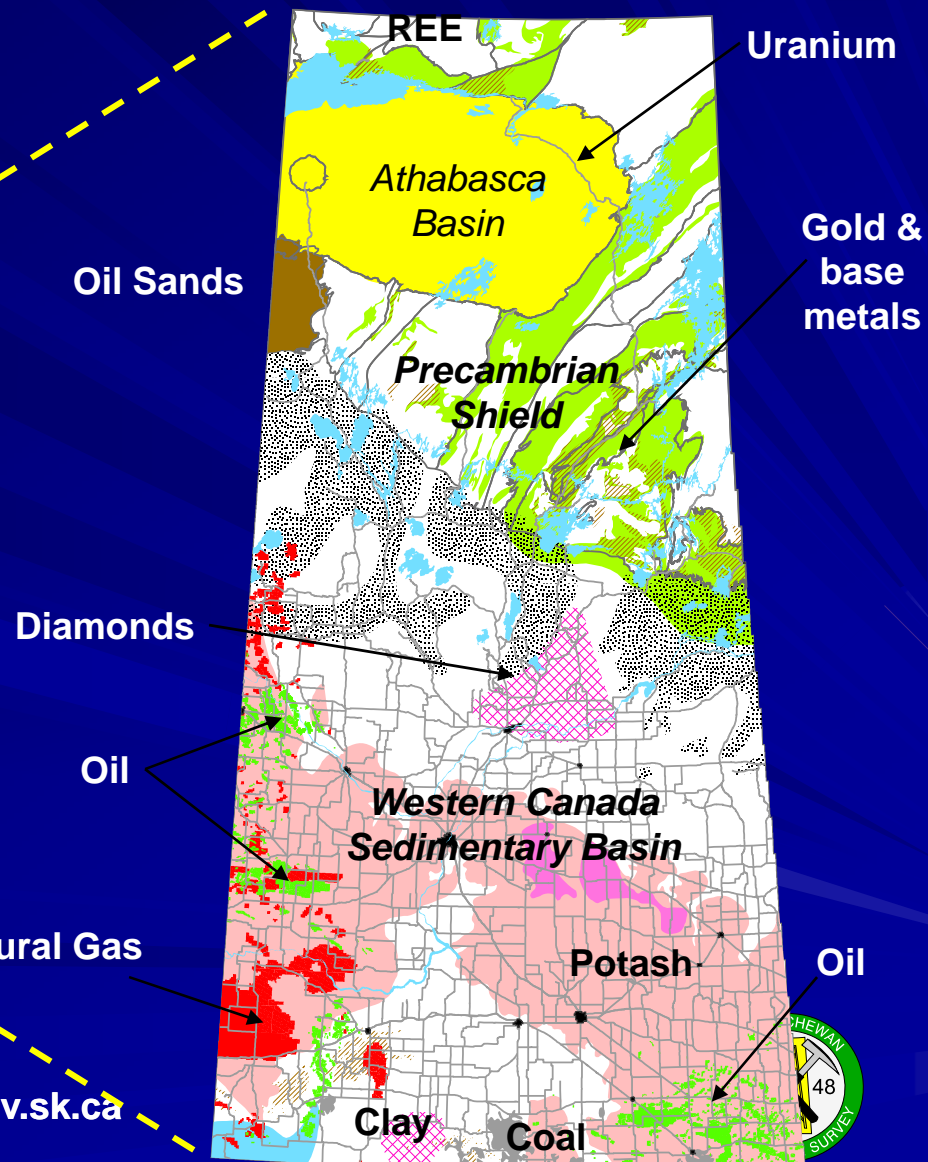
A major global producer of uranium and potash



651,036 km²



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Saskatchewan: Active Mineral Dispositions

Mineral Dispositions

- Total: 5.24 M ha

Potash Dispositions

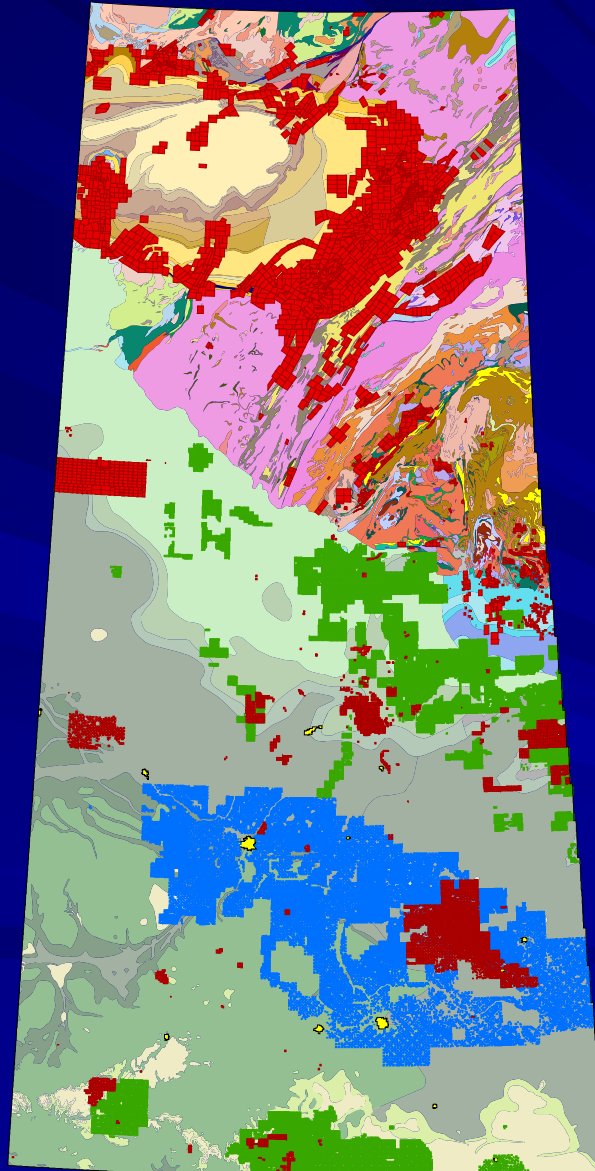
- Total: 4.32 M ha

Coal Dispositions




- Total: 4.07M ha

Total Active Dispositions:

October 31/10: 13.63 M ha

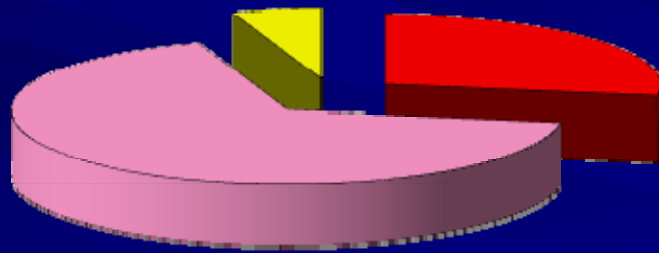


Dispositions

-  Mineral
-  Potash
-  Coal
(Issued/
Applied For)

Saskatchewan: Mineral Production

Value of 2009 Mineral
Sales \$ Cdn million



■ Uranium
■ Potash
■ Other

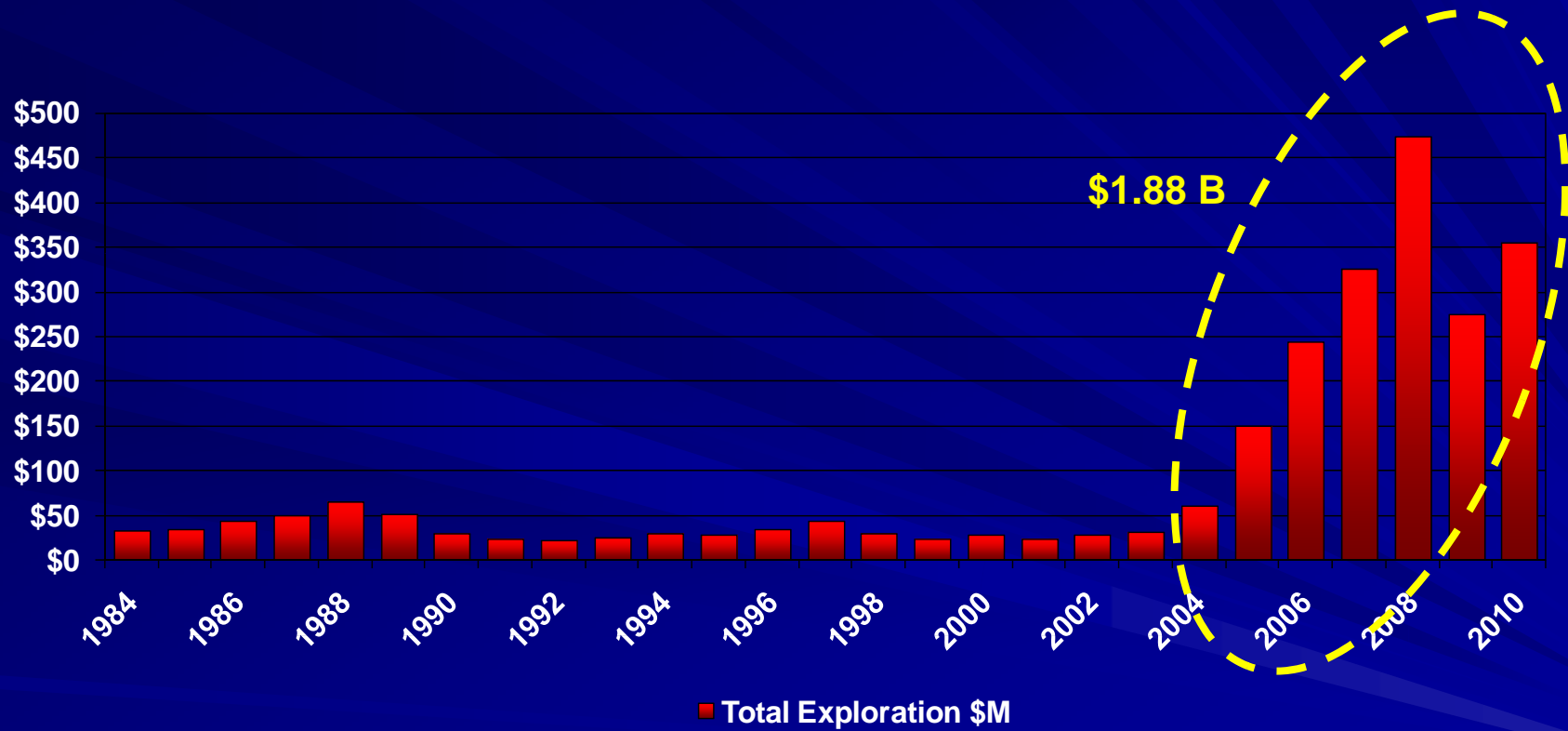
2009:

- Total value of sales \$4.6B (\$9.5B in 2008)
- 40 operations;
- Potash, uranium, coal, gold, salt, sodium sulphate, potassium sulphate, bentonite, silica sand and kaolin;

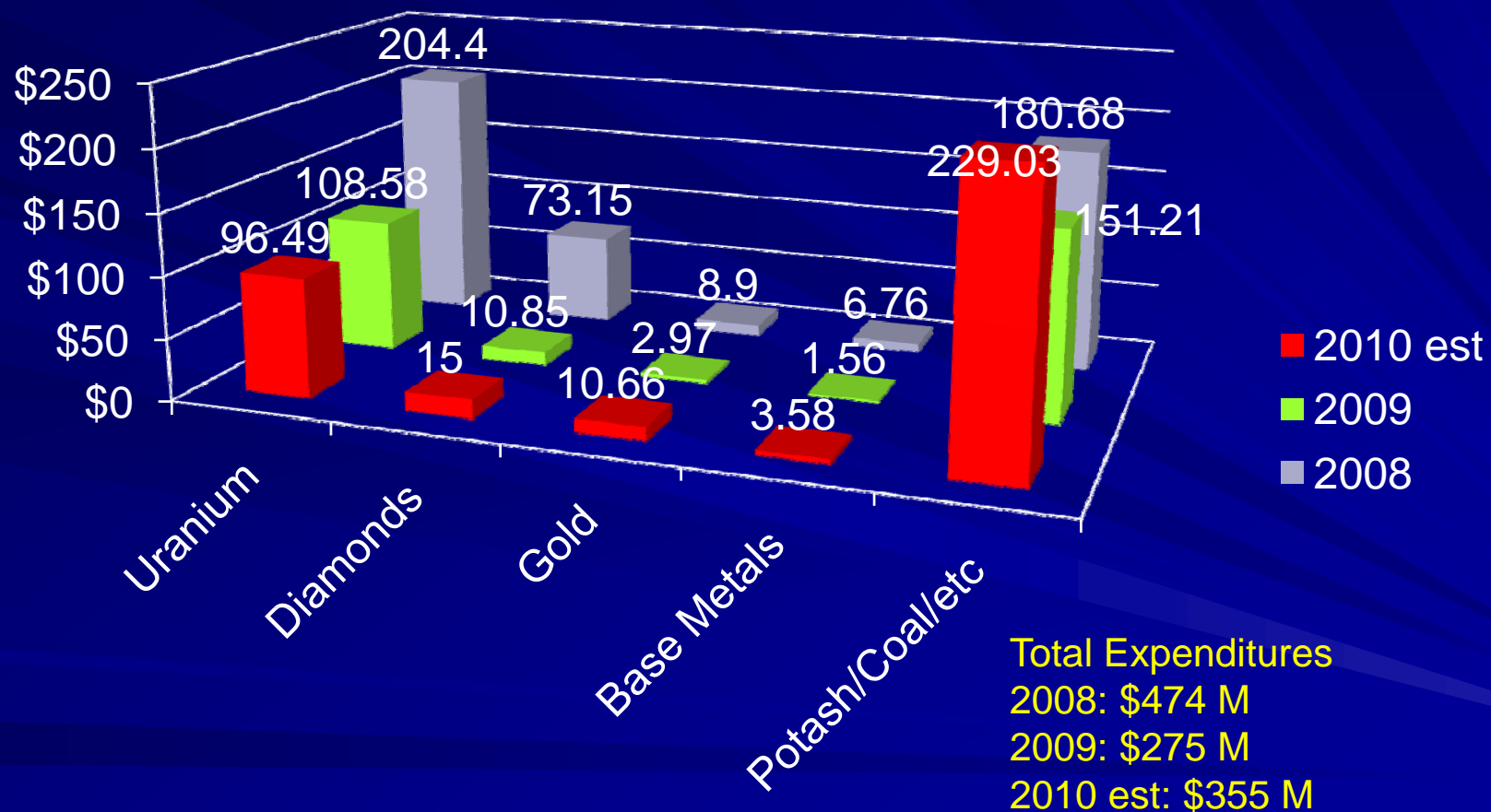
2010:

- Outlook much more positive: stronger potash sales, rising prices for uranium

Saskatchewan: Mineral Exploration

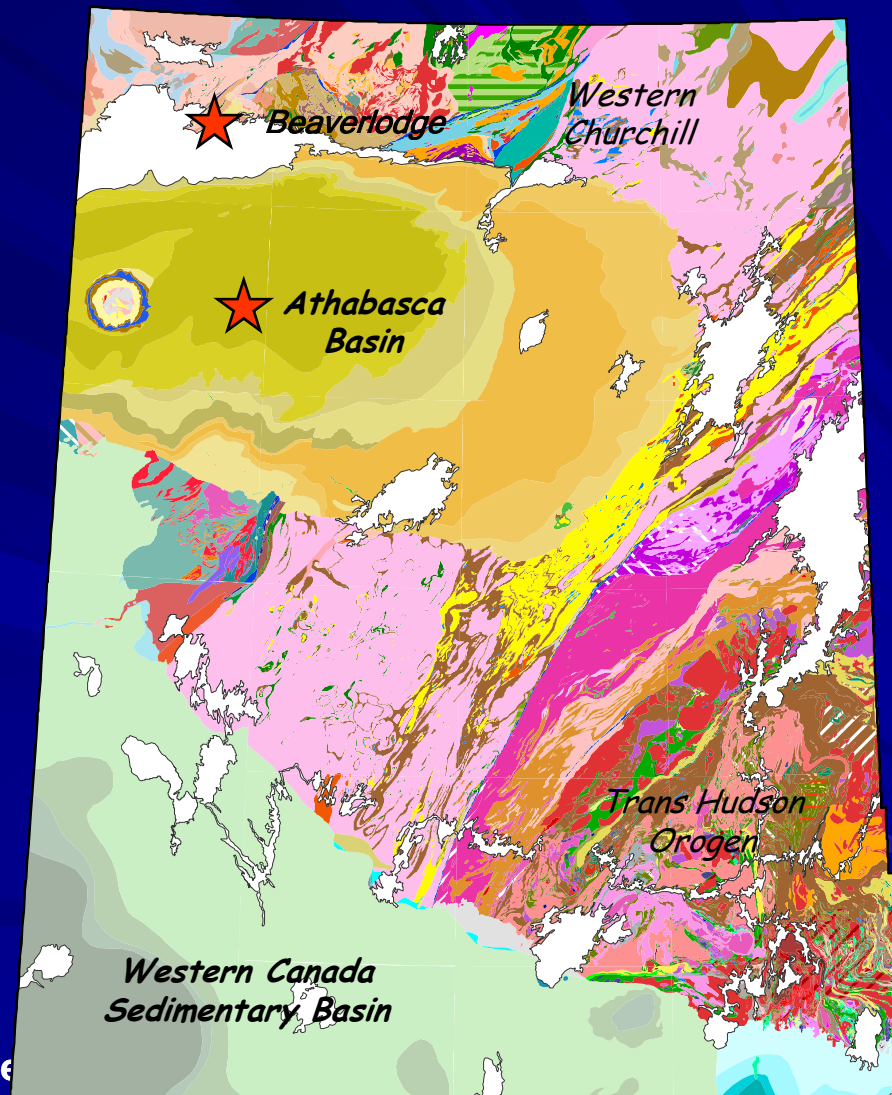
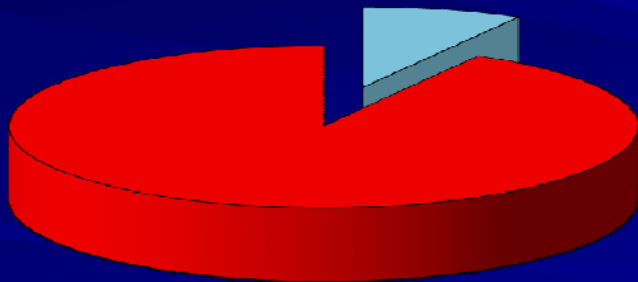


Exploration Expenditures, in \$ CDN Million, 2008, 2009 and 2010 (est.)



Saskatchewan: Uranium Producer for 57 years

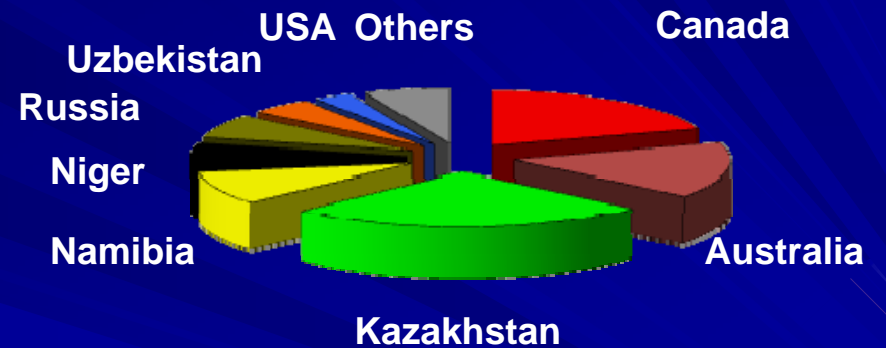
- Beaverlodge: (1953-1982): 25,232 tU
- Athabasca Basin (1974-2009): 283,598 tU



Saskatchewan: 20 % of World Uranium Production in 2009



World Production 2009
Total 50,773 t U (132 M lb U₃O₈)
Saskatchewan Production = 10,197 t U

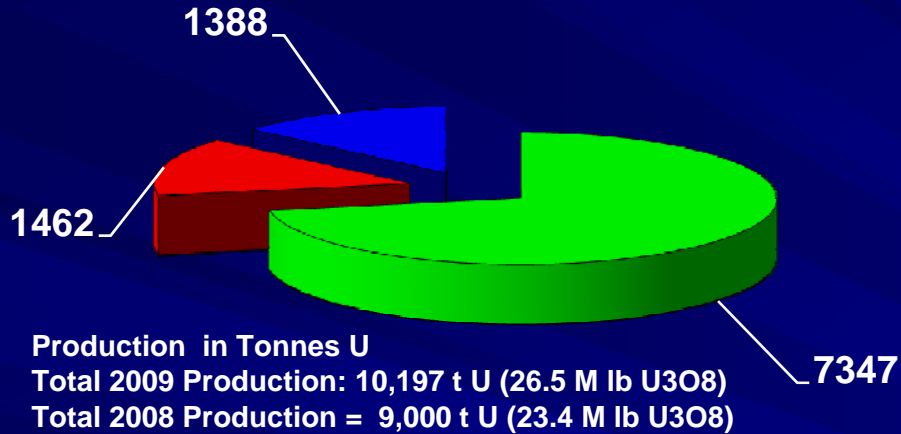


(Source: WNA)

100 per cent of Canada's production is from Saskatchewan

Uranium: 2009 Production

2009* production (from 3 mines) - 10,116 tU (26.3 M lb U3O8) compared to 9000 tU (23.4 M lb U3O8) in 2008

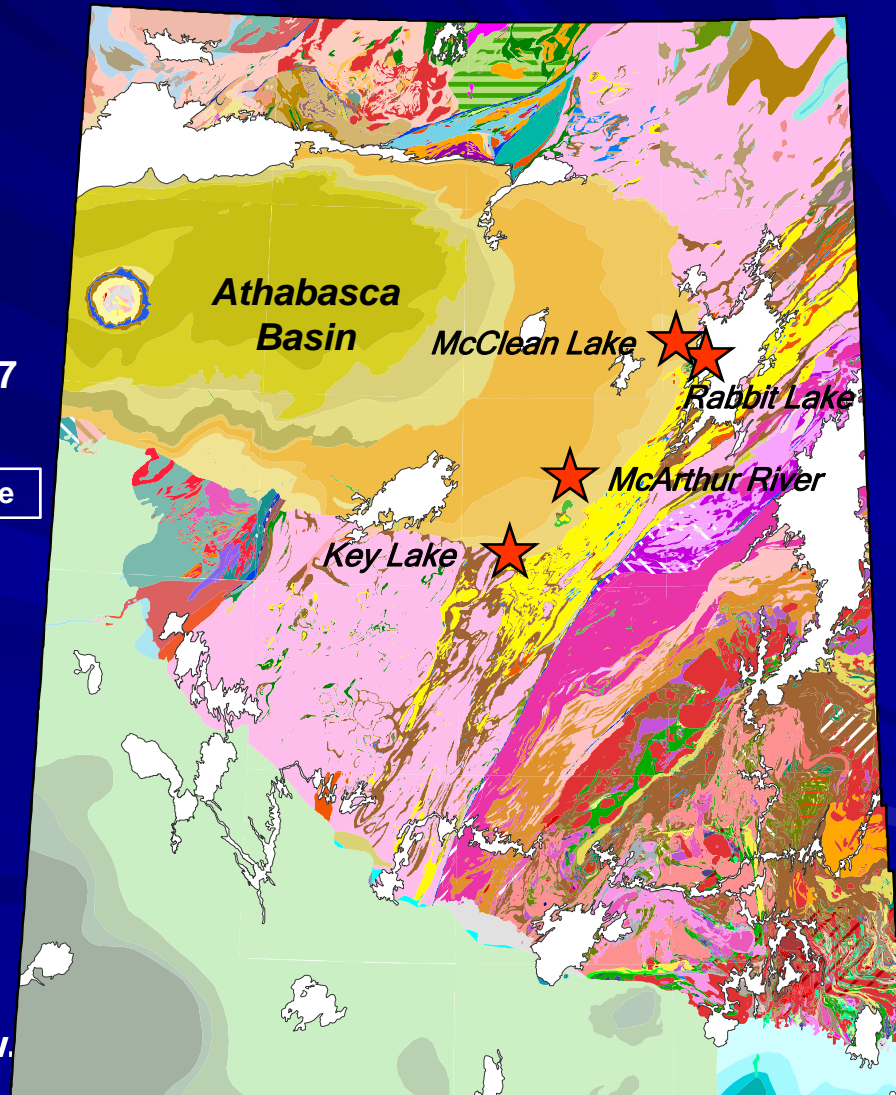


■ McArthur River/Key Lake ■ Rabbit Lake ■ McClean Lake

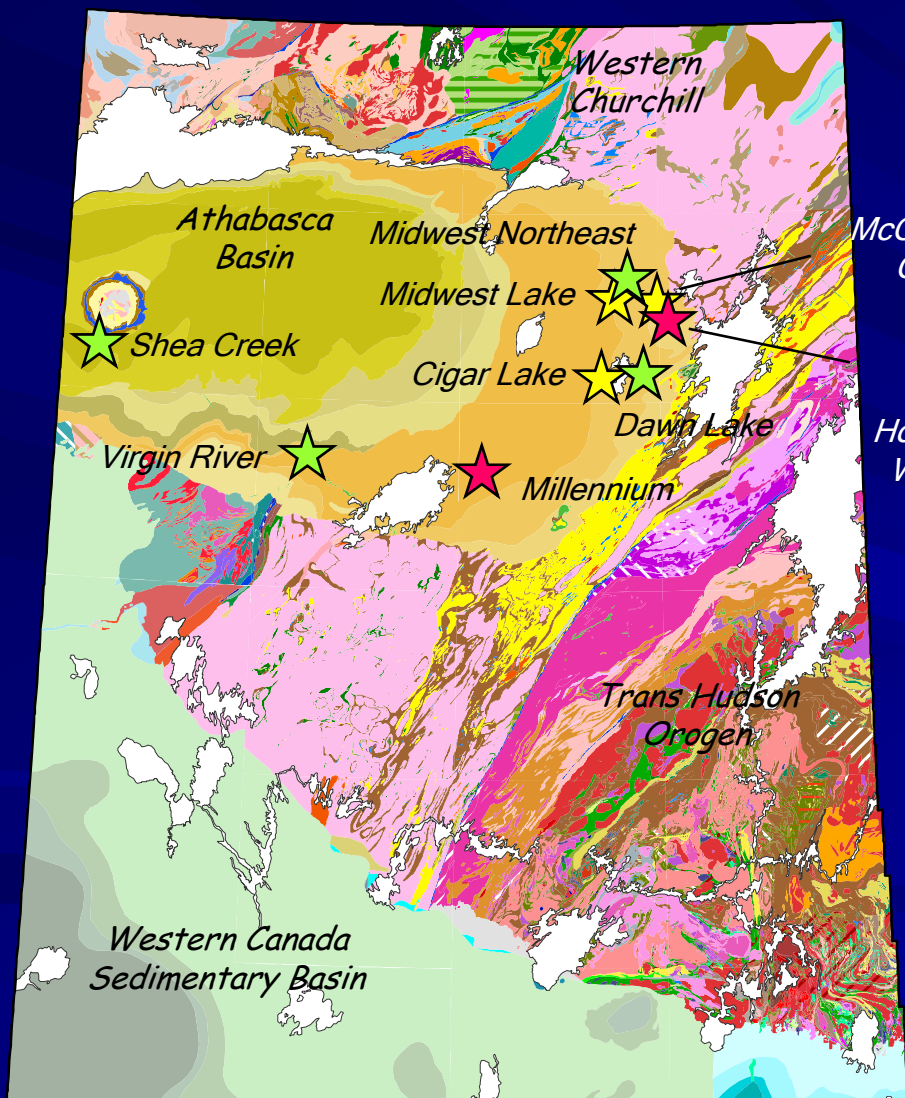


McArthur River (Cameco 69.805% & AREVA 30.195%)

www.



Uranium Deposits in Development, Feasibility or Advanced Stage

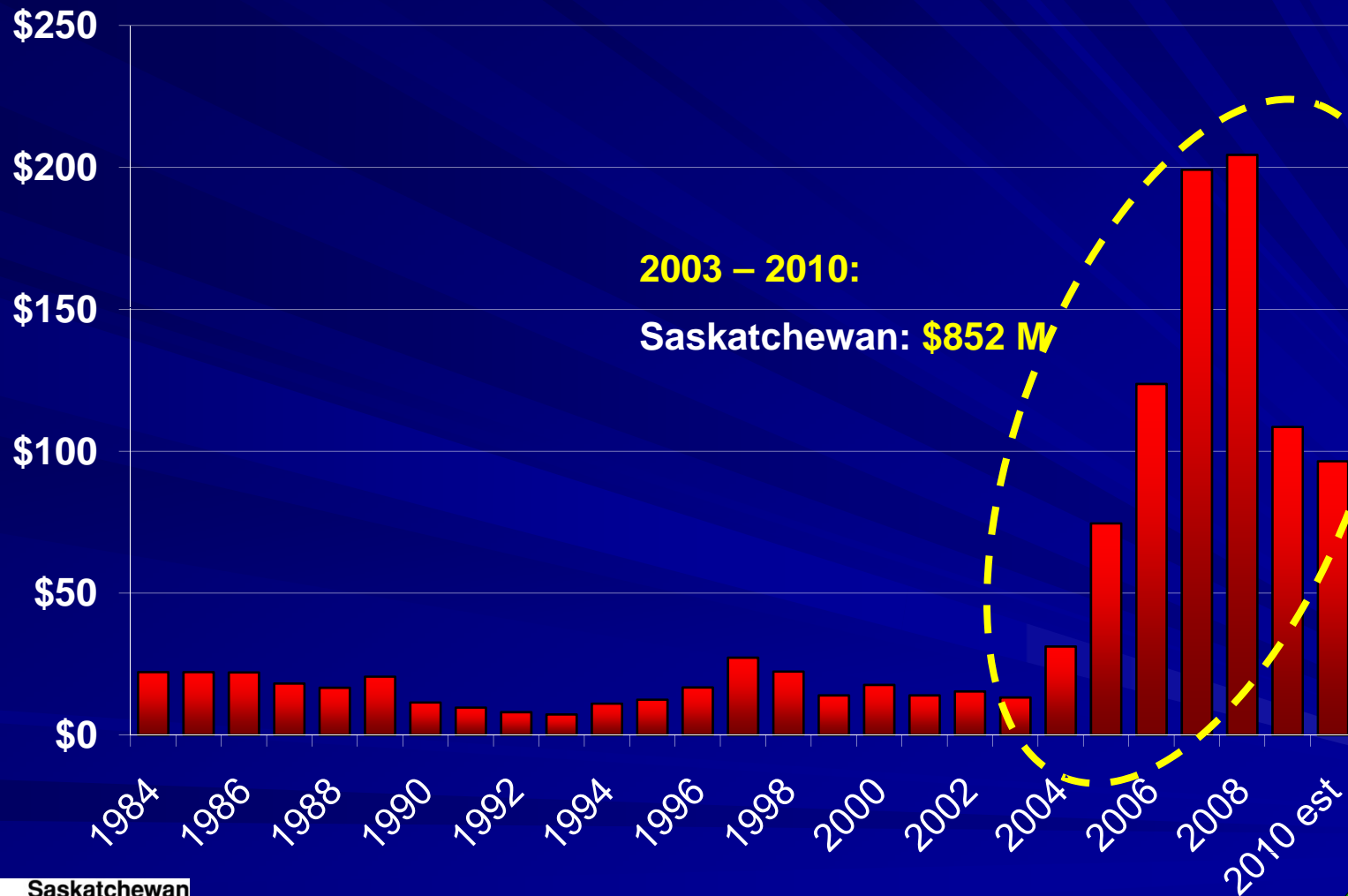


- ★ Uranium Development
 - Cigar Lake (2013)
 - Midwest Lake
 - McClean Lake (Caribou)
- ★ Uranium Feasibility/Prefeasibility
 - Millennium
 - West Bear
 - Raven and Horseshoe
- ★ Advanced Stage
 - Shea Creek (Kianna and Anne)
 - Dawn Lake (Tamarack)
 - Virgin River (Centennial)
 - Midwest Northeast (Roughrider)

Production by 2017 could climb to 17,000 t/U



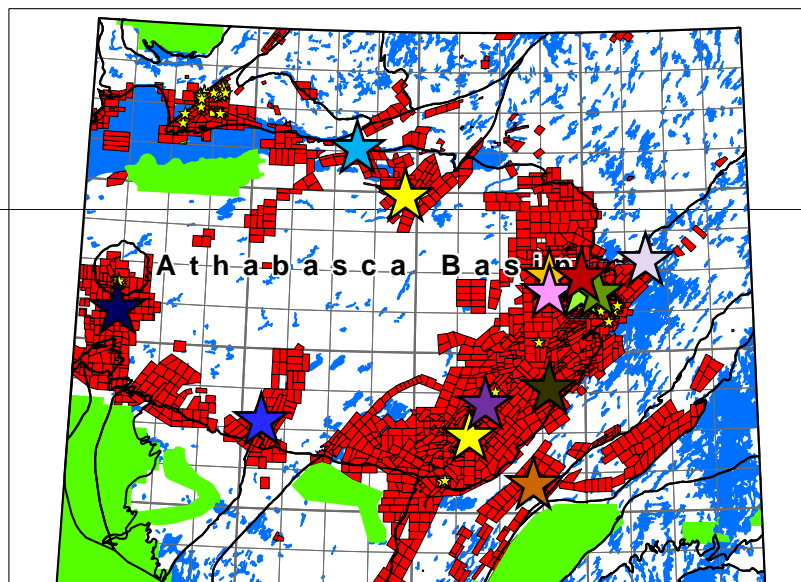
Saskatchewan: Uranium Exploration Expenditures 1984 - 2010



■ Uranium Exploration \$M
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Saskatchewan: Uranium Exploration (Select Discoveries 2003 - 2010)



Mineral Dispositions as of November 25, 2010

- ★ Black Lake (UEX)
- ★ Midwest A (AREVA/partners)
- ★ Centennial (Cameco/Fm Capital)
- ★ Kianna (AREVA/UEX)
- ★ Roughrider and Roughrider East (Hathor)
- ★ J Zone (Fission/KEPCO)
- ★ Phoenix (Denison and partners)
- ★ Candle (Pitchstone and partners)
- ★ Gumbot (Pitchstone)
- ★ Fond du Lac (CanAlaska/ Fond Du Lac Denesuline First Nation)
- ★ Mann Lake (Cameco and partners)
- ★ Red Willow (Purepoint)
- ★ Wolverine (Pitchstone/JOGM)
- ★ Fraser Lakes (JNR)

Saskatchewan Gold

Gold Production:

• Seabee Mine (Claude Resources):

- 44,322 oz Au in 2007
- 45,466 oz Au in 2008
- 46,800 oz Au in 2009
- 34,054 oz Au first ¾'s of 2010
- Total production ~ 900,000 oz Au
- Santoy 8 permitted – production has commenced

Gold Development:

• La Ronge Gold Belt (Golden Band)

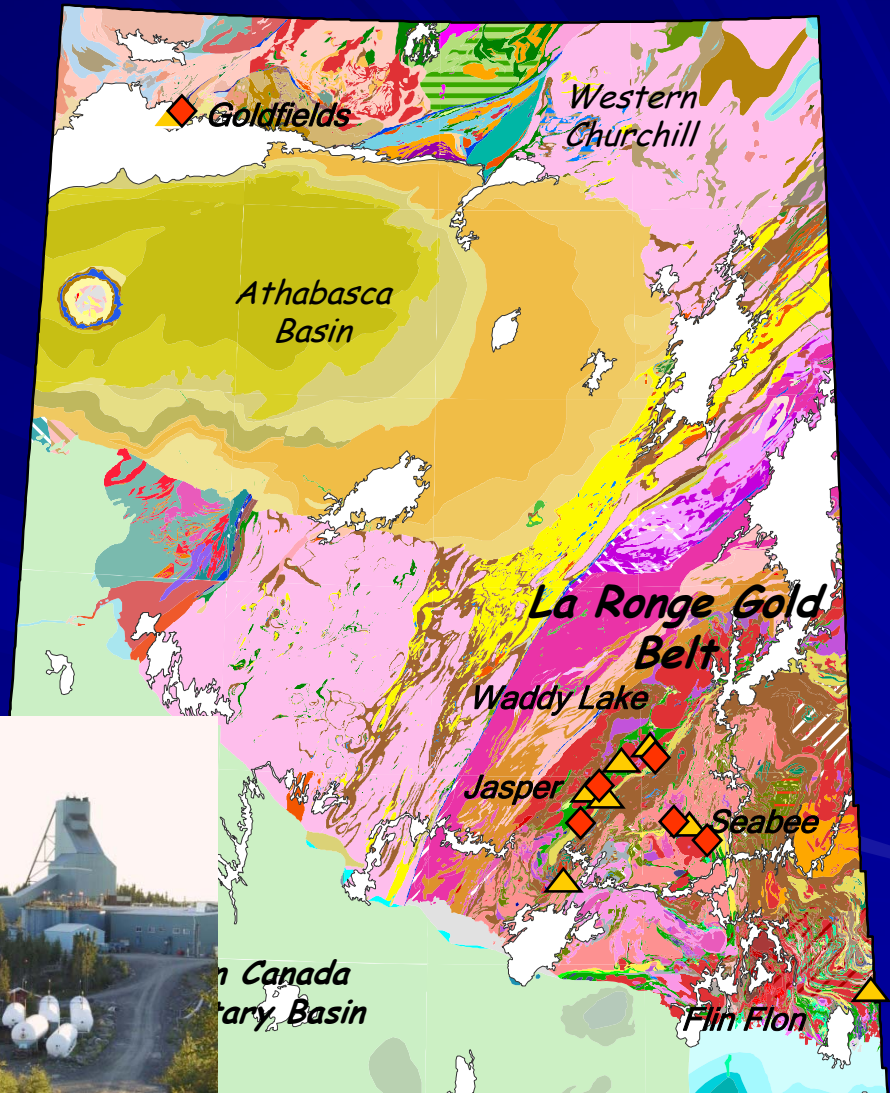
- Late 2010 production

• Goldfields Project (Brigus Gold)

- Final Engineering design/construction permitting

Gold Exploration:

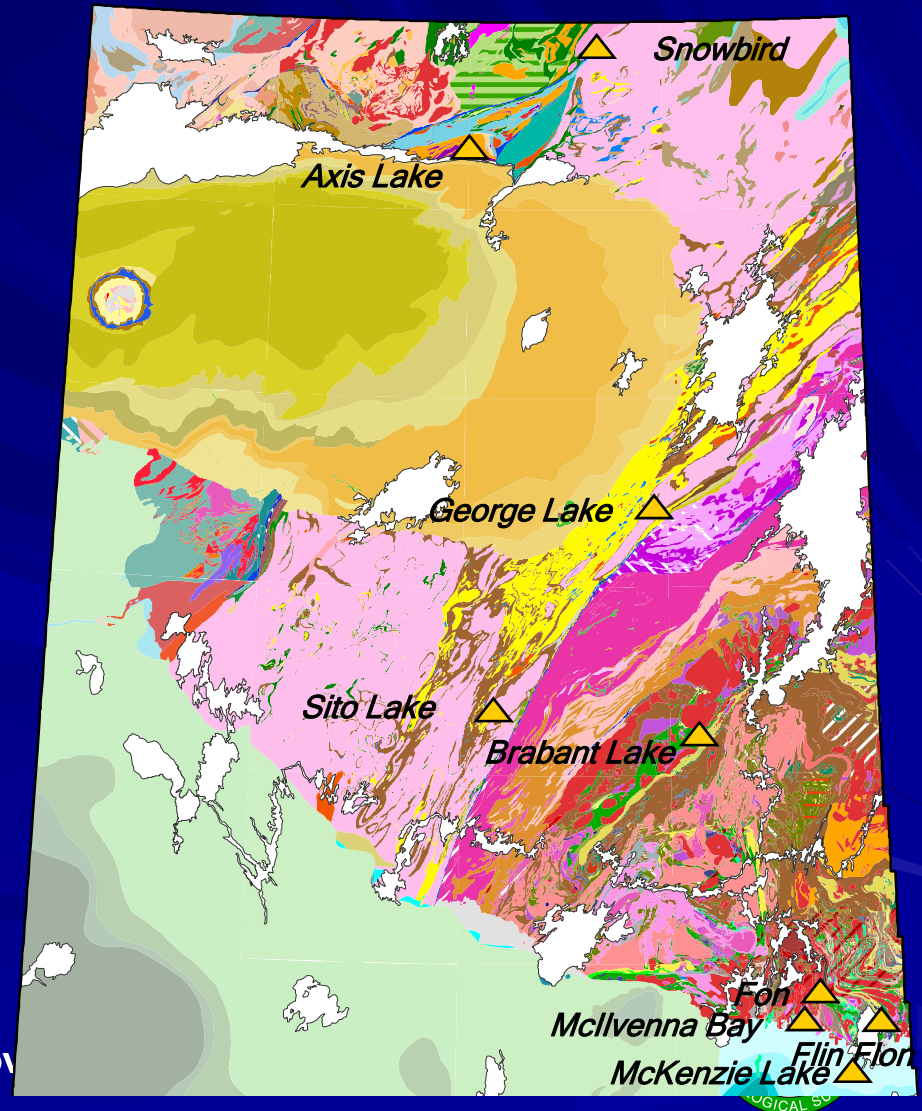
- Focus La Ronge Gold Belt



Saskatchewan Base Metals

- **Projects:**
 - **Flin Flon:** HudBay
 - **McKenzie Lake:** Exploration Syndicate
 - **McIlvenna Bay:** Foran Mining *
 - **Fon/Tyr deposits:** Murgor Resources*
 - **Brabant Lake:** Manicouagan Minerals*
 - **Sito Lake:** Wildcat Expln
 - **George Lake:** Golden Arch
 - **Axis Lake:** Pure Nickel Inc
 - **Snowbird Project:** Strongbow Exploration

* 43-101 Resources



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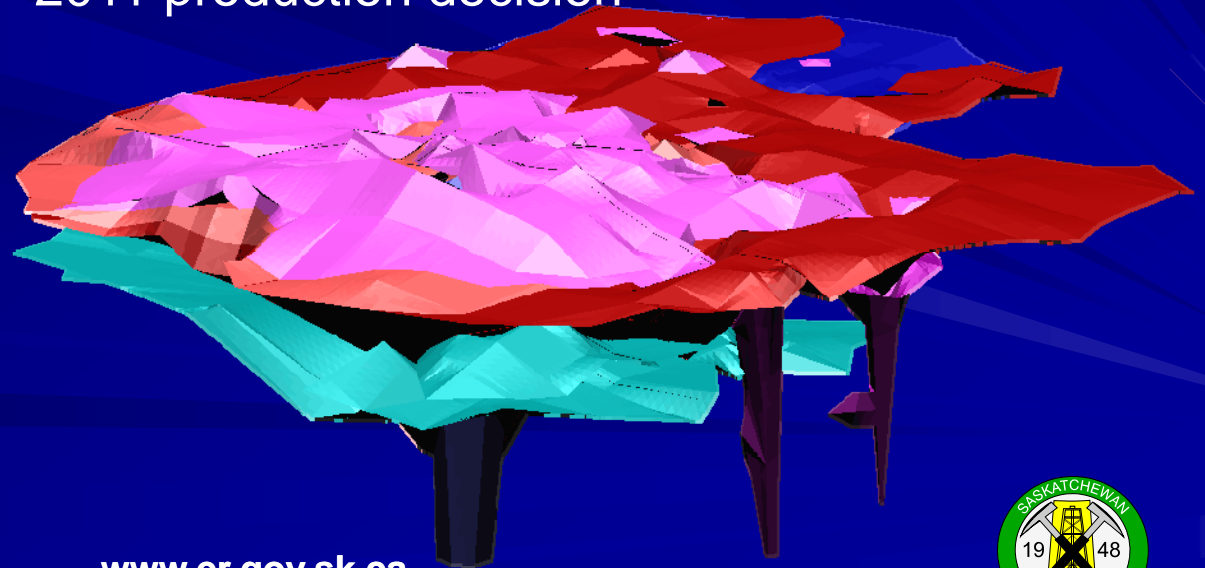
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Saskatchewan: Diamond Exploration

Fort à la Corne Area

- Shore Gold Inc. continues to advance its Star and Orion South Diamond Project:

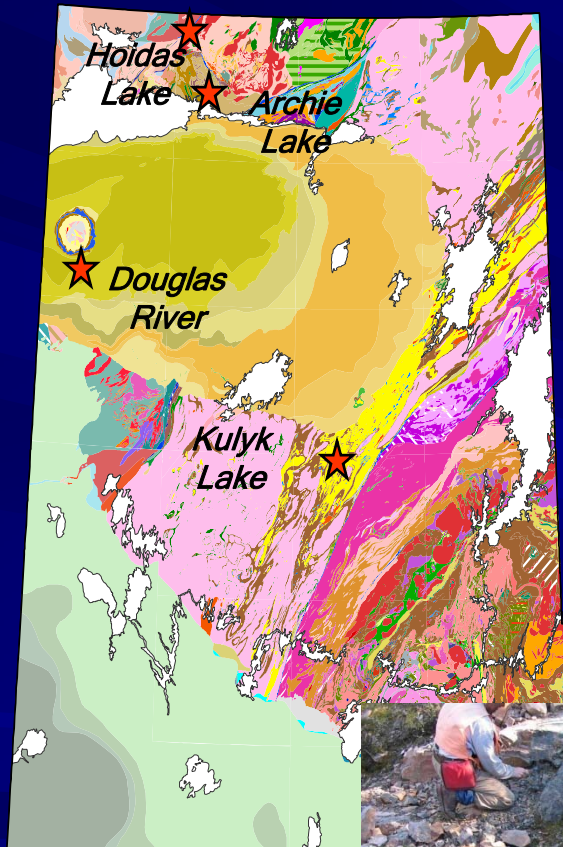
- EIS to be submitted later this year
- technical studies continuing
- 2011 production decision



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Saskatchewan: Rare Earth Elements



Hoidas Lake (Great Western Minerals):

Allanite-apatite alkaline veins

- JAK Zone REE Project:
 - Measured and Indicated Resource 2.56M t @ 2.43% TREE + Y;

Douglas River (Great Western Minerals):

Hydrothermal xenotime in sandstone

- GWMG and Toyota Tsusho Corp signed LOI

Archie Lake (Butler Resource Corp)

Kulyk Lake (Eagle Plains)

Other potential identified :

- north of Lake Athabasca
- Athabasca Basin and to its east



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Great Western Minerals



Saskatchewan: Coal Exploration and Development

Coal Production (2009):

Sherritt International:

- Bienfait: 0.7 Mt
- Boundary: 6.3 Mt
- Poplar River 3.3 Mt

Coal Exploration

GoldSource Mines Inc.

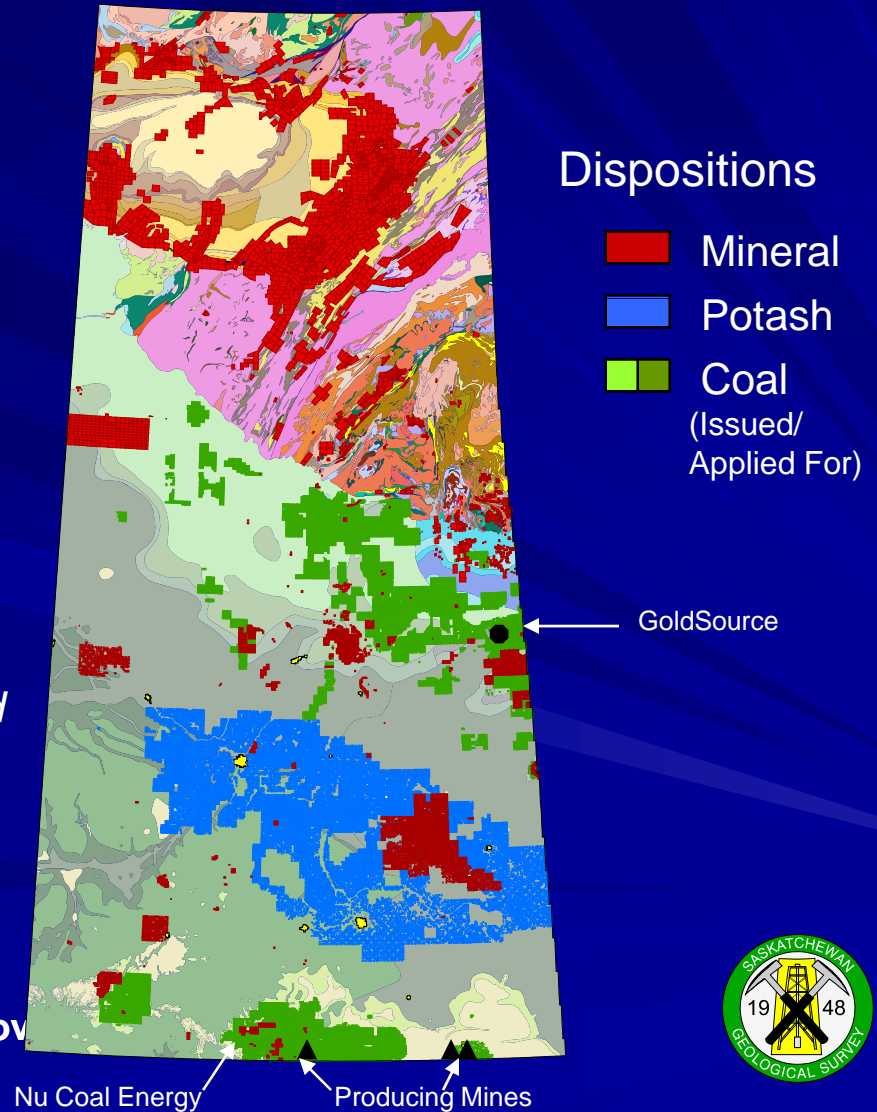
- New discovery 50 km north of Hudson Bay:
 - 80 m deep ~ 27.1 – 100 m thick;
 - several sub basins; ~sub-bituminous

Several groups looking at ways to utilize Saskatchewan coal resources:

- *benefaction technologies, polygen facilities and coal liquefaction*

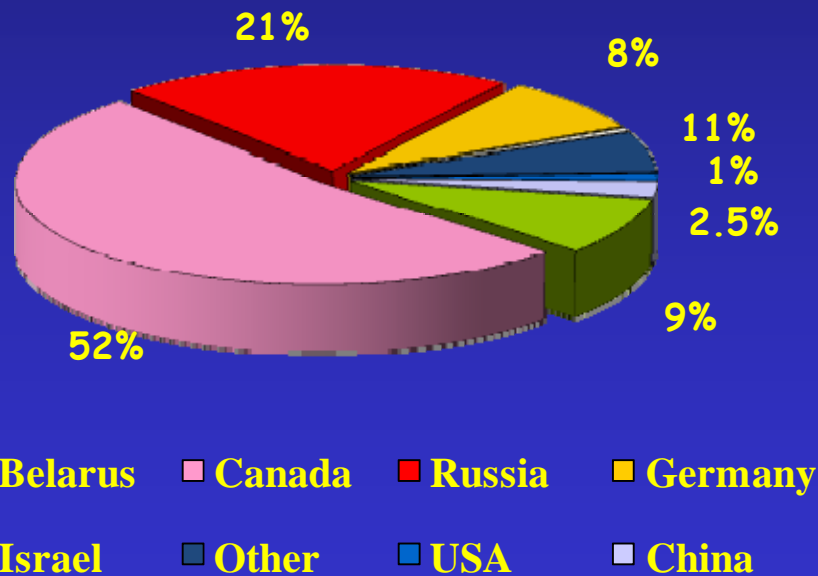


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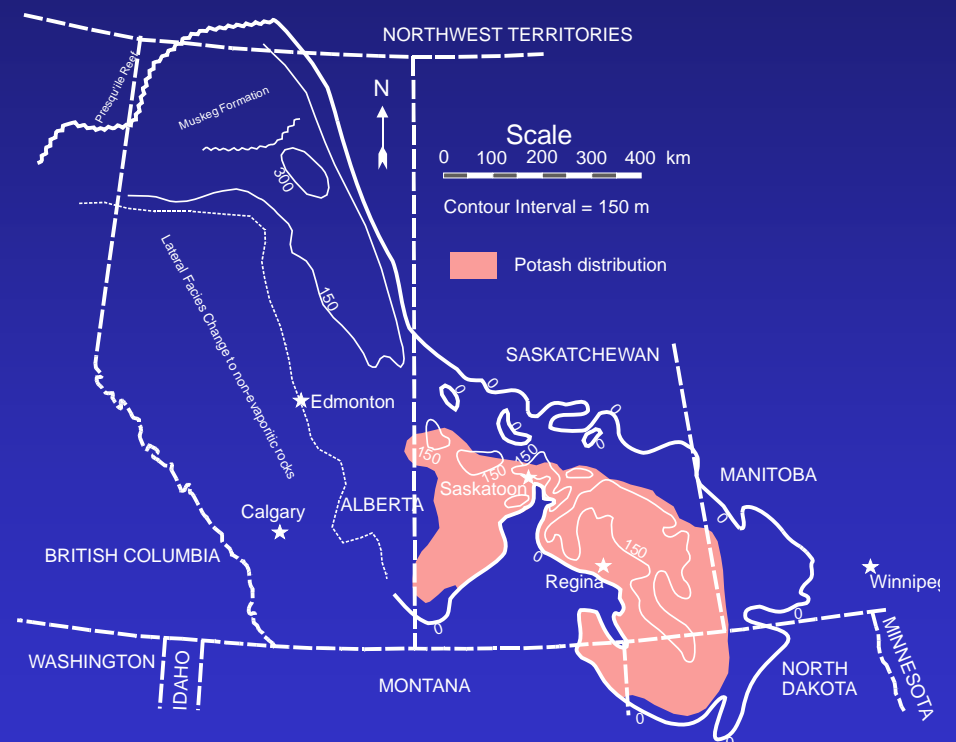


Saskatchewan Potash

Saskatchewan's Share of Global Potash Resources



Distribution of the Devonian Middle Prairie Evaporite in the Western Canada Sedimentary Basin



- Outlined Saskatchewan resources: up to 23 Bt KCl conventional over 100 Bt KCl solution

From: U.S. Geological Survey, Mineral Commodity Summaries, January 2009



**Saskatchewan
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Saskatchewan: Potash Production

- 8 conventional underground mines
- 2 Solution mines



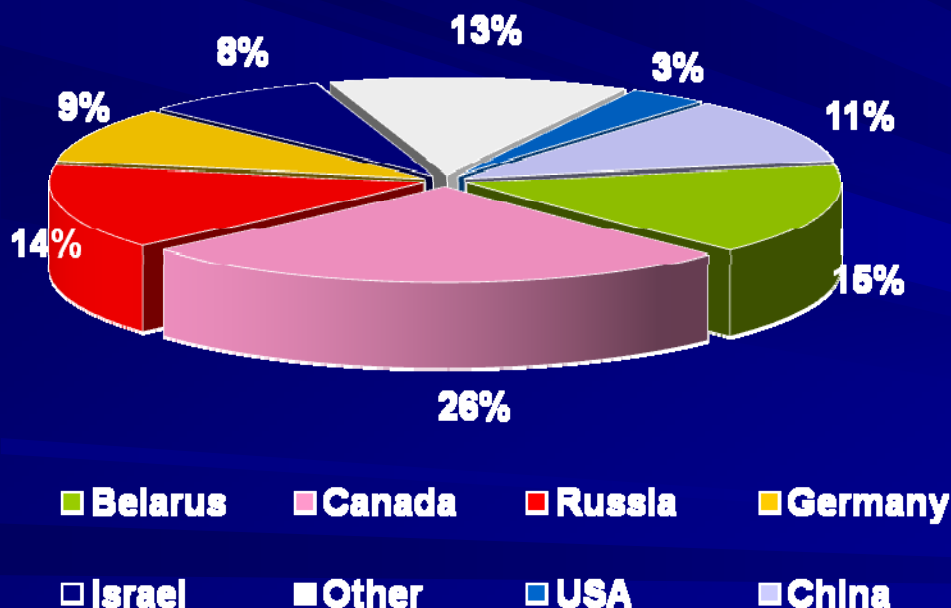
- 2008 Production: 16.8 Mt KCl
- 2009 Production: 9.6 Mt KCl



- Each of the potash mines have recently increased, or plan to increase their production capacity.
- Planned expansions of 15.9 Mt KCl by 2020
- This represents a 90% increase over 2004
- Total estimated cost of expansions: \$11.9 billion

Position of Saskatchewan Potash in World Industry

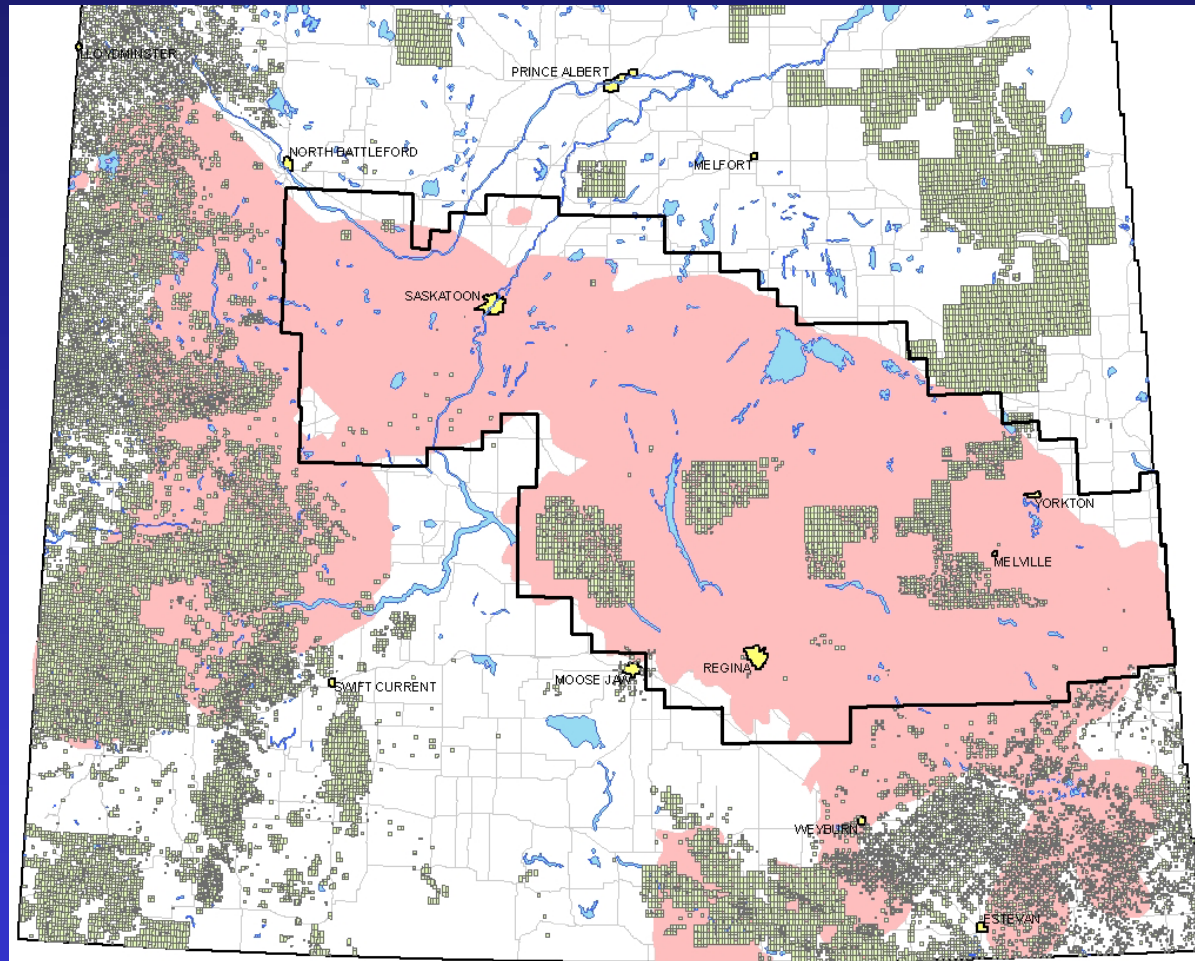
2009 Estimated Share of World Potash Production



- Typically largest producer: one third of world production ~ 40% world trade
- Major competitors: Russia, Belarus, and Germany
- 2010 sales have rebounded



Potash Tenure 2004 vs. 2010



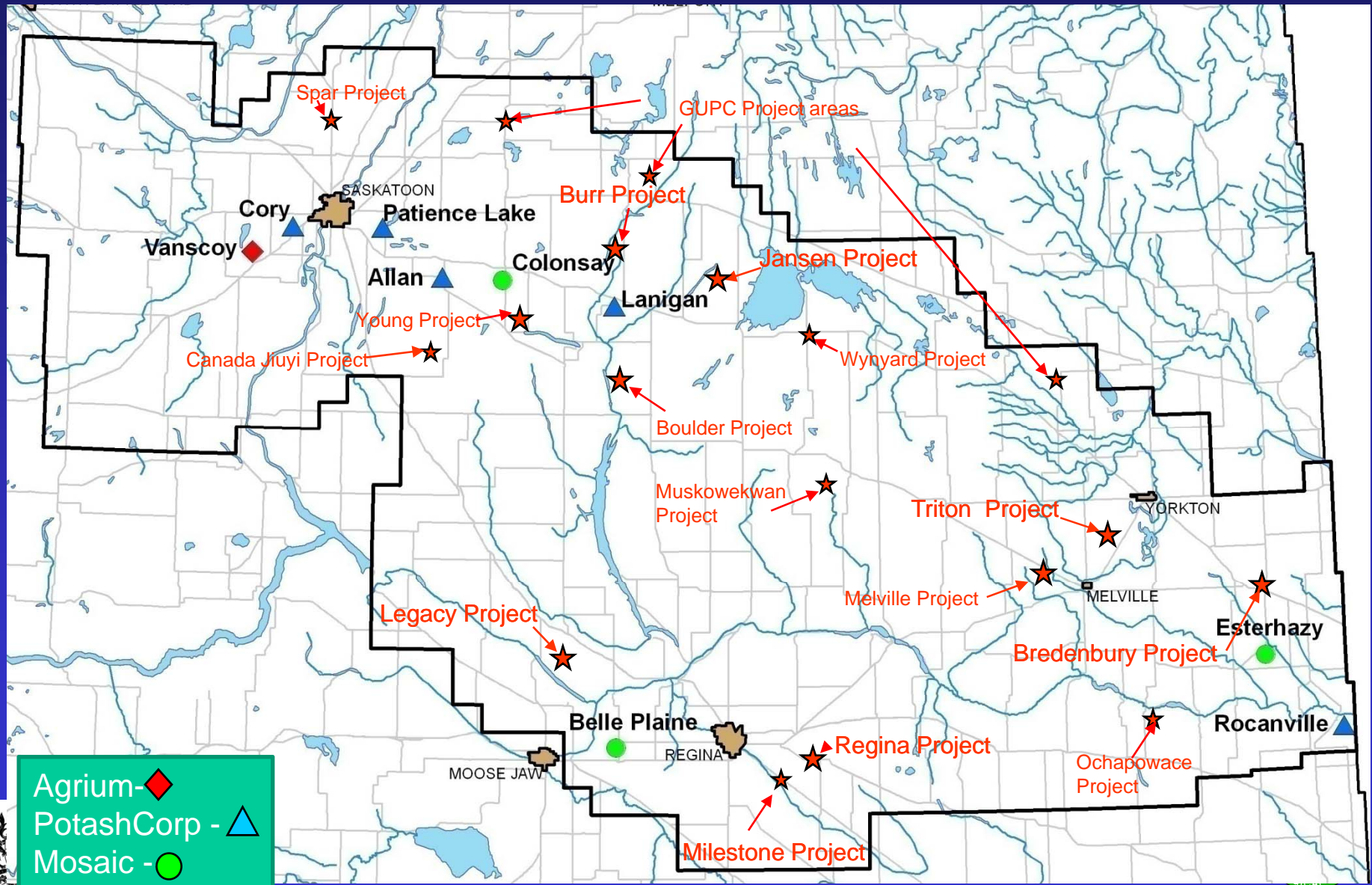
2004:
11 Leases
206,306 ha

Sept. 30 2010:
163 permits
17 leases
4,313,171 ha

Pending
Applications:
11 Permits
339,952 ha



Potash Exploration Projects



Saskatchewan Mineral Sector: Summary

Mining sector experienced a retraction in sales in 2009 after a record 2008; this year looks more positive as does the outlook for the short to mid term.

Positioned for growth:

- Potash industry is investing heavily in increased capacity ~ \$11.9B;
- Deposits in development:
 - 2 new gold deposits are commencing production late 2010
 - 3 uranium and 1 gold, deposits in development;
- Deposits in feasibility/prefeasibility:
 - 3 uranium; 1 diamond, 1 REE and 3 potash;
- Several advanced-stage projects

Exploration:

- Almost \$1.9 B spent since 2004;
- Several new discoveries;
- Opportunity and Potential

