



GRIZZLY
DISCOVERIES

TSX-V: GZD
FWB: G6H
OTCQX: GZDIF

Canadian Exploration Company Focused on Potash in Alberta

WITH ADDITIONAL GOLD/COPPER/SILVER ASSETS IN BRITISH COLUMBIA

FORWARD LOOKING STATEMENT

This presentation contains certain “forward-looking statements”. Such forward-looking statements include, without limitation:

- estimates of future capital expenditures;
- estimates of resources and statements regarding future exploration results, timing and amount of estimated future exploration
- success of exploration, development and production activities.
- expenditures; permitting; and requirements for additional capital and access to data.

Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, forward-looking statements are subject to risks, uncertainties and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by such forward looking statements. Such risks include, but are not limited to metals price volatility, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, as well as political and operational risks in the countries and states in which we operate or sell product to, and governmental regulation and judicial outcomes.

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In addition, certain information provided in this presentation has been taken from 3rd party sources and 3rd party reports and/or presentations and has not been independently verified by the company. Readers are cautioned not to place undue reliance on such information.



- 900,000 acres in Alberta targeting a 250-500 million tonne potential MOP potash deposit
- Q4 2011 drilling program confirmed potash underlying permits with up to 31.1% K₂O
- 600,000 acres in Alberta hosting diamondiferous kimberlites
- Alberta properties offer mining friendly infrastructure and tax regime
- 4 precious metal properties in BC focused on gold, copper & silver

MANAGEMENT

BRIAN TESTO

President, CEO, Director

Mr. Testo, founder of the Company, is an Alberta-based businessman who has been involved in mineral exploration and prospecting in Alberta and British Columbia for over 25 years.

IAN LAMBERT

Chief Operating Officer

Mr. Lambert is a well known Toronto-based resource development executive with over 30 years experience managing public companies in the mining and oil & gas sectors. Mr. Lambert was formerly CEO and Director for 21 years of Trade Winds Ventures Inc., a TSX Venture Top 50 company.

JEREMY STRAUTMAN

Chief Financial Officer

Mr. Strautman, a graduate of the Northern Alberta Institute of Technology's Bilingual Business Administration-Accounting Program, has been involved in accounting and administration for the junior mineral exploration industry since 2005.

MICHAEL DUFRESNE

**M.Sc., P.Geol.,
Consultant**

Mr. Dufresne is a partner with APEX Geoscience Ltd., an established geological consulting company. His experience includes diamonds, gold and base metal exploration in Alberta, B.C., Nunavut, NWT and Australia.

DIRECTORS

DR. BEN HUBERT

B.Sc., M.Sc., MBA.

Mr. Hubert has significant experience with mineral exploration projects across Canada and serves on the board of directors of San Gold Corp.

FRASER ATKINSON

CA.

Mr. Atkinson is a Chartered Accountant and has been a director and officer of a number of public companies.

DR. SOLOMON (SAM) PILLERSDORF

Dr. Pillersdorf has been involved in the mining sector for over 10 years, including funding start-up mining companies and sourcing and funding resource claims.

DOUGLAS S. TURNBULL

P. Geol.

Mr. Turnbull has been actively involved in diamond, precious and base metal exploration since 1983.

CAPITAL STRUCTURE

AS OF MARCH, 2013

TSX-V: GZD - OTC: GZDIF - FWB: G6H

Share Structure

Shares I/O: 48.7 Million
 Warrants/Options: 4.5 Million
 Shares FD: 53.2 Million

Working Capital

Treasury: \$1.1 Million
 Share Price: \$0.04 - \$0.05
 52-week High/Low: \$0.40 - \$0.035
 Market Cap: \$2.0 Million

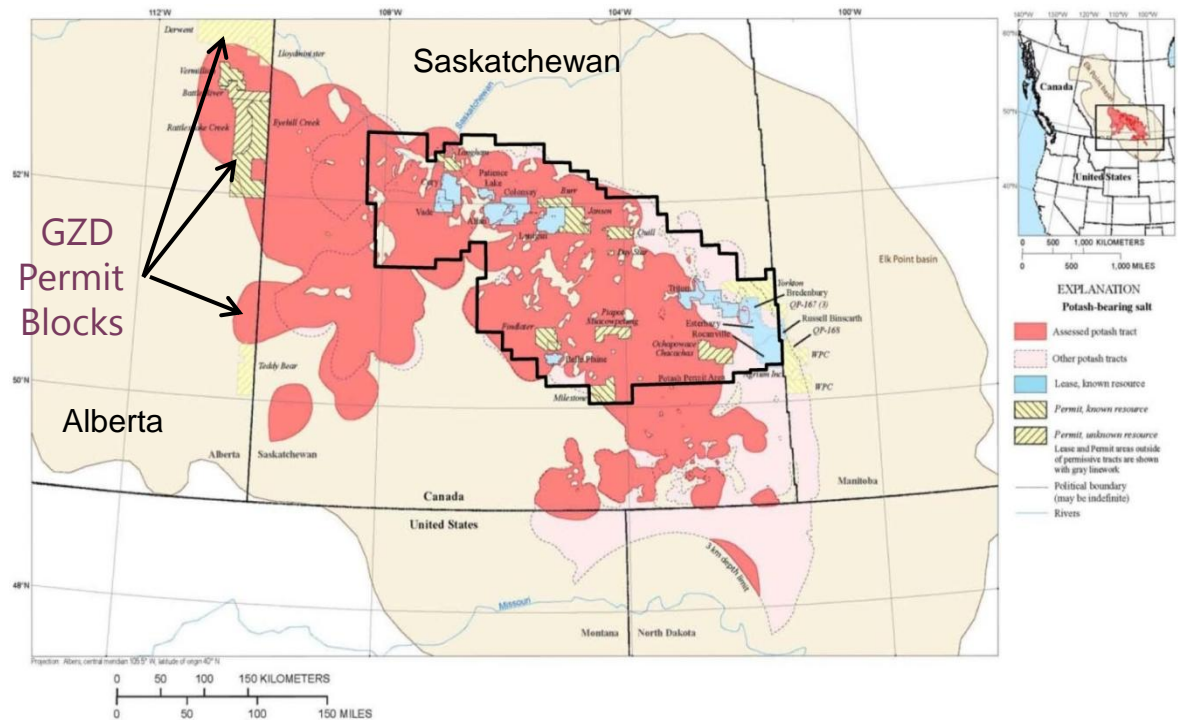
Share Ownership

Institutional: 15%
 Management: 23%
 Retail: 62%

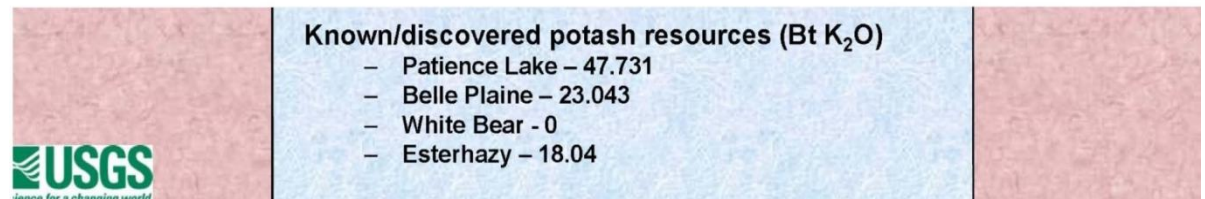


The US Geological Survey has published a geological survey assessment indicating that the Potash Mineable Area continues into Alberta from Saskatchewan.

Historically, potash exploration (and extraction) in the Canadian prairies has been focused exclusively east of the Alberta-Saskatchewan border despite indications of the trend continuing beyond the geologically-arbitrary provincial border.



Source: Slide taken from USGS talk entitled "The US Geological Survey's assessment of undiscovered potash resources in the Prairie Evaporite Formation, Elk Point Basin, Canada and United States" given December 5, 2010 (Cocker, Orris, Yang & Dunlap, 2010) at Saskatchewan Geological Survey's Open House



*The Company currently does not have a defined compliant 43-101 resource on its Alberta Potash Property. There is no guarantee that with further work one will be defined.



GRIZZLY POTASH HIGHLIGHTS

Confirmation drilling for 2 separate areas with 5 to 20 km interspacing in each area is planned for 2013-2014

Resource drilling and an NI 43-101 resource estimate targeted for 2014.

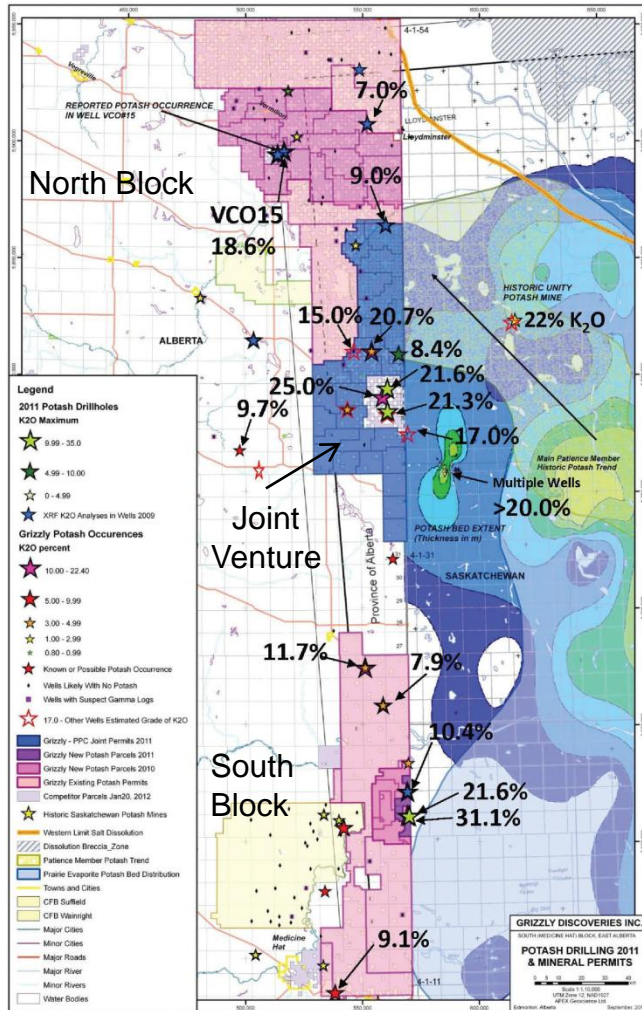
Historic wells were drilled by oil companies between 1940 and 1980 indicating potash showings with up to 25% K₂O in Alberta.

Grizzly has acquired over 900,000 acres along the Alberta/ Saskatchewan border with showings of up to 31%+ K₂O with recent assays from drill hole cores from Grizzly's Q1 2012 drilling program.

Grizzly is targeting a 250-500 million tonne (mt) potential potash deposit. Conceptually, a 250 mt resource @ 20% K₂O generates a 50 mt potash deposit*.

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HISTORIC DRILL RESULTS



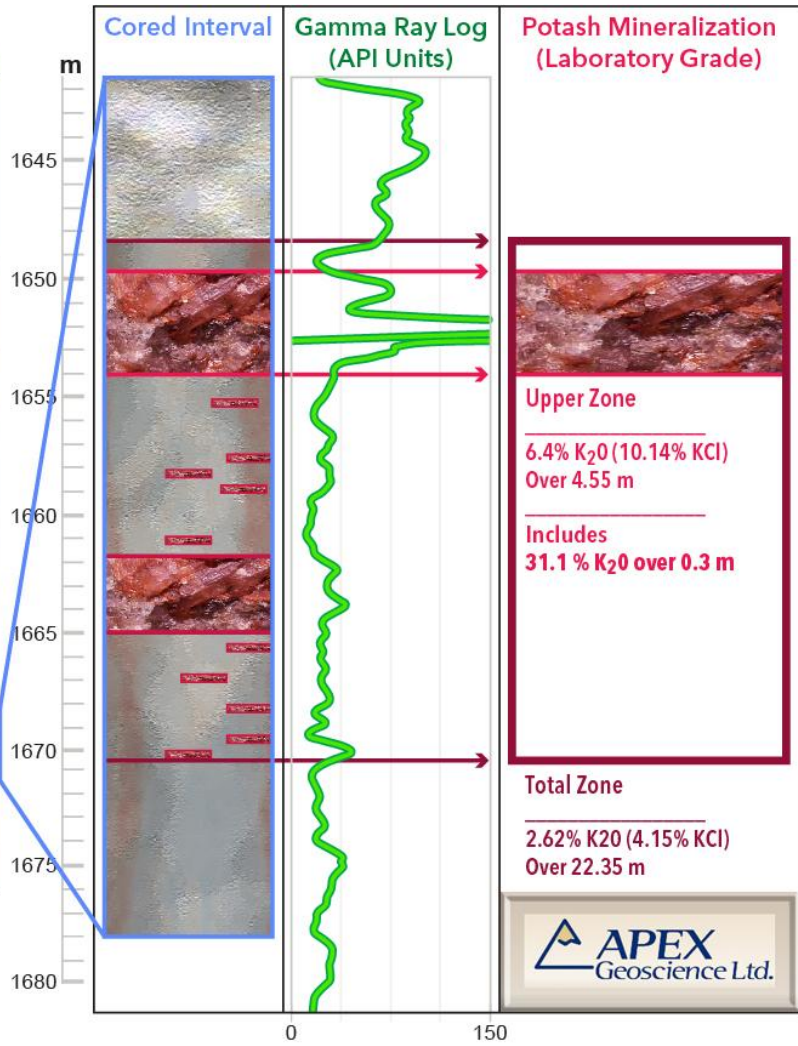
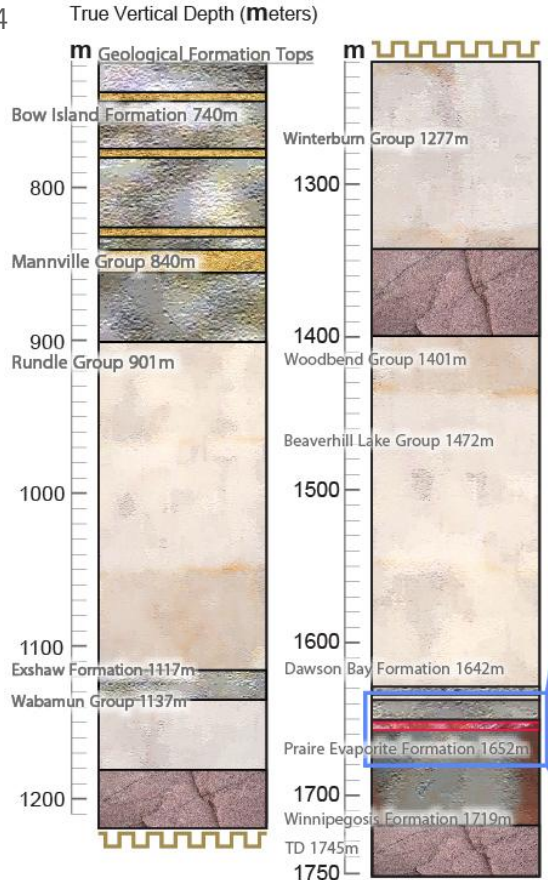
- Grizzly's recent drill program yielded assays up to 31.1% K₂O
- Historic Unity Potash Mine 45 km east of existing GZD lands
- Agrium Vanscory Potash Mine 200 km east of GZD lands
- Significant potash in drill core or indicated by gamma logs at depths ranging from 1,060m to 1,675m
- Temperatures at those depths range from about 50°C to 75°C. Optimal temperature for solution mining is approximately 75°C.

- Well GZD100 Medhat: 8-36-019-01W4
- Medicine Hat, Alberta
- Ground Elevation: 732.7m
- K.B. Elevation: 736.65m
- Cored: From 1642m To 1678m
- Well Started: Nov. 28, 2011
- Well Completed: Dec. 12, 2011

➤ Gamma Ray Log spike yielded **218** American Petroleum Institute Units

➤ Upper Zone yielded weighted average grades of **2.62% K₂O (4.15% KCl) over 22.35 m**, including an exceptionally rich interval of **6.4% K₂O (10.14% KCl) over 4.55 m** with a **0.3 m portion of 31.1% K₂O**

➤ Company owns 100% of metallic and industrial mineral rights



DRILLING IN ALBERTA CONFIRMS RICH POTASH



POTASH DEMAND AND GROWTH

- According to industry estimates, Canada has potash resources of 7.3 billion tonnes – roughly 52% of the world's supply.
- Currently 11 mines in Saskatchewan produce the majority of Canada's 35% contribution to the world's annual production.
- Potash prices have risen from \$100/t in 2004 to \$420/t currently and are forecasted to hit \$650/t by 2020.
- The arable land per person in the world is declining, and weather patterns are becoming more volatile and extreme, fuelling demand for potash which increases the yield per acre approximately 40%.
- Between 2000 and 2009 potash cumulative demand growth rate has been 40%+, outpacing phosphate (+25%) and nitrogen (+18%).
- Annual world potash demand looks to jump by nearly 20 percent from an estimated 49 million tonnes of potassium chloride in 2010 to 58.7 million tonnes in 2014, according to the Paris-based International Fertilizer Industry Association.





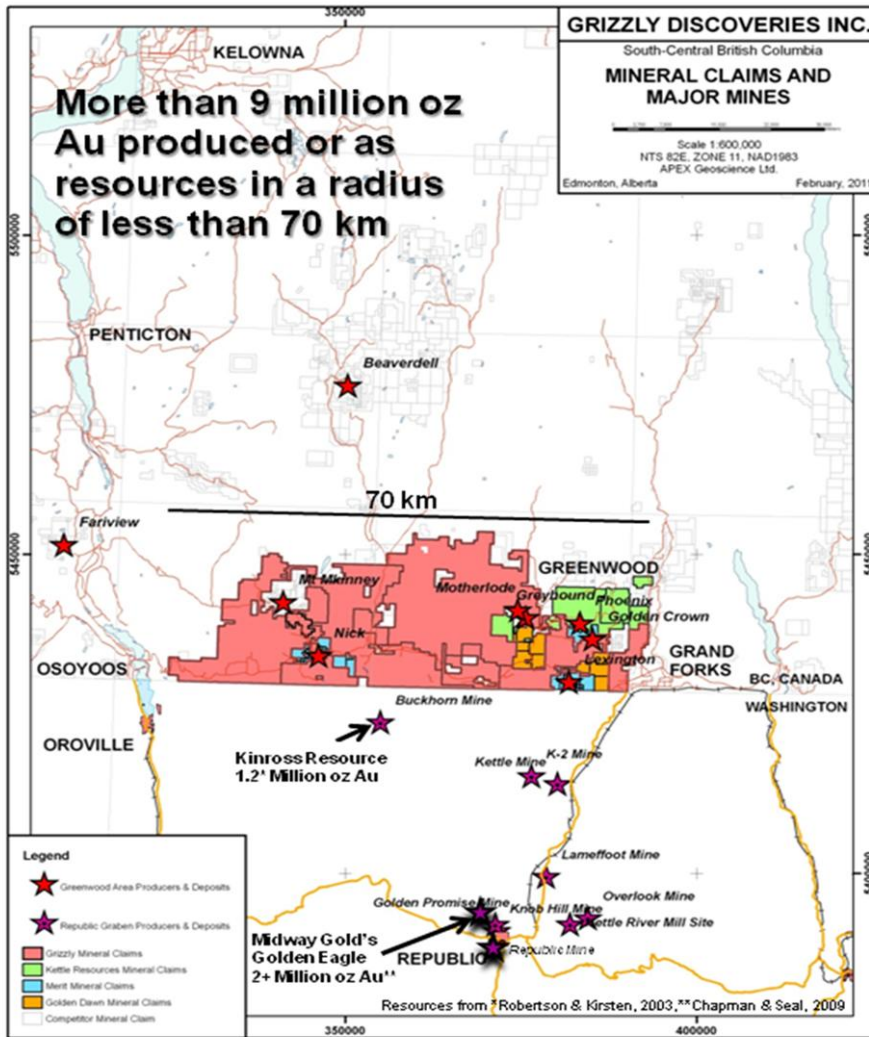
Advantages of a Potash Discovery in Alberta

Close to water source

Lower tax regime compared to Saskatchewan

Close to rail lines and port resulting in lower transportation cost

Potential for lower capital cost solution mining



GREENWOOD BC GOLD, COPPER, SILVER PROJECT

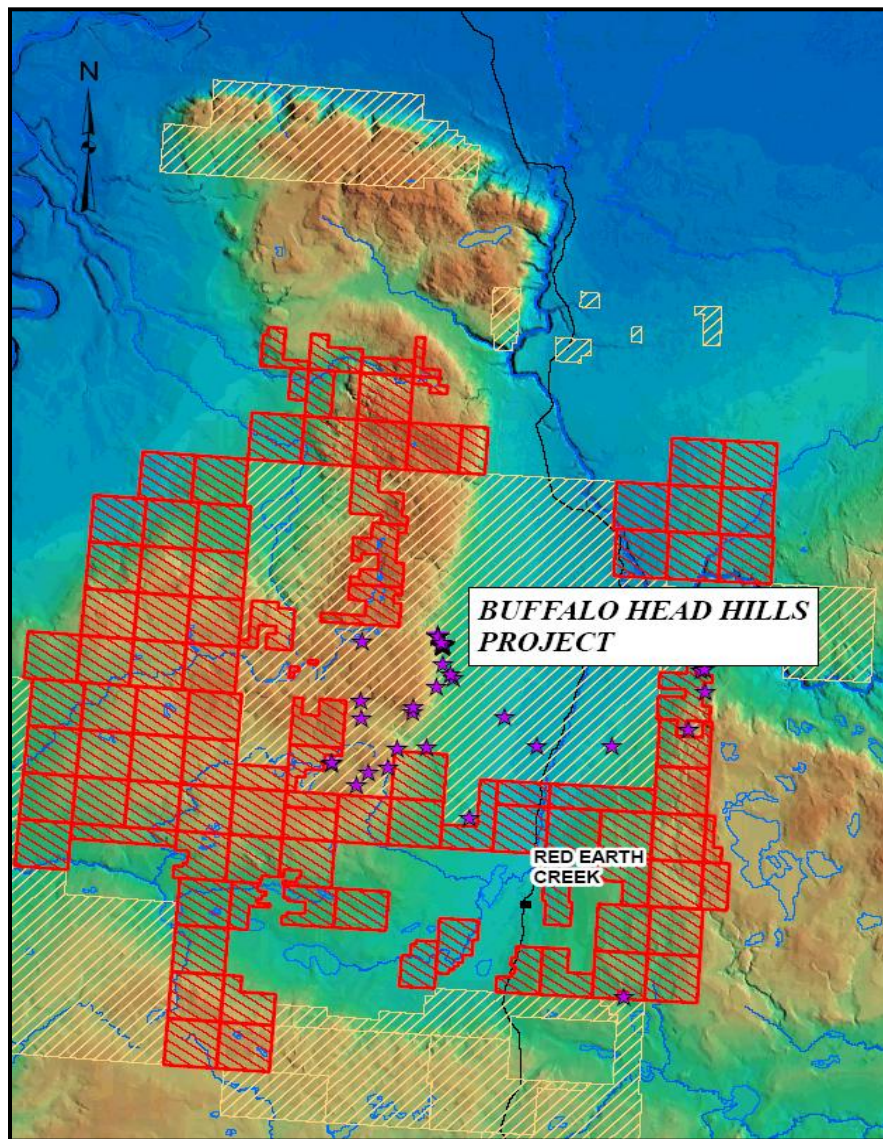
- Grizzly has acquired 235,000 acres in the historically productive Republic – Greenwood Gold District along BC–US border, which has produced more than 6 million gold ounces from the area
- **7 km south of Grizzly's property is Kinross' 1.2 million oz Buckhorn Gold Mine** (1.2m oz gold, avg grade 16 g/t); Midway's Golden Eagle mine with 2M+ oz gold resource is about 50km to the south
- Underexplored land area due to historically fragmented land position that has been consolidated by Grizzly

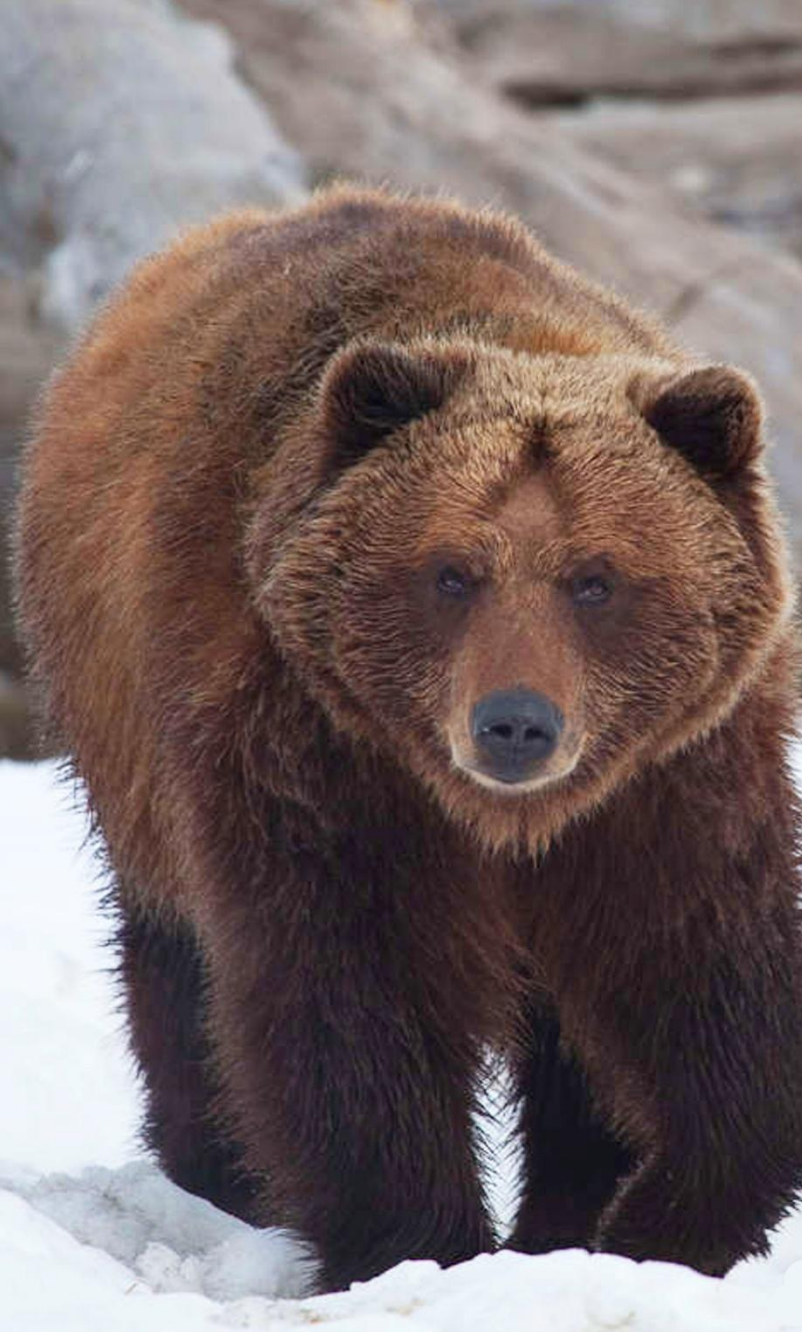
Selected Drill Results from Gold Properties

TARGET	DRILLHOLE	INTERVAL (m)	AU (g/t)
Ket 28	KT-1	6.1	8.91
Ket 28	94RM1-2C	3.35	52.18
Ket 28	9KT01	11.0	2.77
Copper Mountain	10CM07	30.0	1.0
Copper Mountain	10CM11	7.0	1.1
Dayton	10DA01	96.0	0.18
Dayton	10DA02	86.5	0.18

DIAMOND EXPLORATION IN ALBERTA

- Following 12 drill holes, 3 new diamond bearing kimberlites were discovered in 2008 at the Buffalo Head Hills property.
- Grizzly has more than 600,000 acres surrounding Diamondex & Shore Gold in the Buffalo Head Hills.
- Two kimberlite pipes look very promising and need bulk sampling which is being planned for future dates due to Grizzly's current potash focus.
- Land rights are valid for 2 to 5 years based on existing development work done on properties by Grizzly.





Grizzly Discoveries Future Plans

- 3,500 m of further potash drilling planned for Grizzly's North Block (Lloydminster) during 2013-2104*
- 5,000 – 8,000 m resource definition drilling and estimation for potash in 2014*
- A 43-101 resource estimate for potash is targeted for 2014*
- Future gold/copper/silver drilling program in BC will consist of 5,000 – 6,000 m of diamond drilling*

*Contingent on financing



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