# The Maude Lake Gold Property

Beatty Township
Larder Lake Mining Division
Ontario, Canada



### **Forward-Looking Statements**



This presentation contains "forward-looking statements". Forward-looking statements include, but are not limited to, statements with respect to the Company's current review of potential mineral project investments and/or acquisitions, the estimation of mineral resources, the timing and content of upcoming programs, the realization of mineral resource or reserve estimates, the timing and amount of estimated future production, costs of production, capital expenditures, success of mining operations, environmental risks, unanticipated reclamation expenses, title disputes or claims and limitations on insurance coverage. In certain cases, forward-looking statements can be identified by the use of words such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved". Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be factors which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Such factors include, among others, risks related to international operations; actual results of planned expansion activities; changes in project parameters as plans continue to be refined; future prices of resources; exchange rates for Canadian and U.S. currencies; possible variations in grade or recovery rates, accidents, labour disputes and other risks of the mining industry; delays in obtaining governmental approvals or financing or in the completion of development or construction activities. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended. In making the forward-looking statements in this presentation, the Company has made certain key assumptions, including, but not limited to, the assumptions that merited mineral assets or projects can be acquired and financings are available. There can be no assurance that forward looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements. The Company undertakes no obligation to update or revise any forward-looking statements or information made in this presentation, except as required under applicable securities legislation. NI 43-101 QUALIFIED PERSON – William E. MacRae, M.Sc., P.Geo., a Qualified Person as defined by NI 43-101, has reviewed and is responsible for the technical information contained in this presentation.

TSX-V: RJX.A

# Historic Mineral Resources and Results in this Presentation



- A historic mineral resource was calculated by R.A. Bennett, P.Eng. in a report dated January 28, 1994 titled "Property Report, 1993 Compilation Beatty Township Area, Larder Lake Mining Division, Ontario for Maude Lake Gold Mines Limited". Mr. Bennett calculated a proven, probable, possible and drill indicated reserve to the 220-metre level of 510,116 tons grading 0.248 ounce per ton and a deep reserve of 283,358 tons grading 0.22 ounce per tonne for a total geological ore reserve in all categories of 793,474 tons grading 0.235 ounce per ton (191,284 contained ounces) (see cautionary note on historic estimates).
- Cautionary note on historic estimates: The following description of the Maude Lake Gold Property is based on information provided in that Bennett report, which, although thought to be accurate, has not been independently verified by RJK. Included in the description are references to mineralization classified as a reserve or a resource, which were prepared prior to implementation of National Instrument 43-101. RJK has not independently verified these results and considers them to be historical estimates under NI 43-101 since a qualified person has not done sufficient work to classify the historical estimates as a current mineral resource, and RJK is not treating them as current mineral reserves. Any such estimates are included for illustrative purposes only.

# **Share/Capital Structure**



Listings: TSX VENTURE: RJX.A

OTC GREY: RJKAF

Shares outstanding: 14.9 Million

Shares fully diluted: 19.9 Million

Warrants: 5.0 Million \$0.20 year 1 \$0.30 year 2

• 52 Week High/Low price: \$0.245 / \$0.05

• Fiscal year end: December 31<sup>st</sup>

• Cash on hand: \$200k

Market Capitalization: \$3.3 Million

### **Directors and Management**



#### Glenn C. Kasner – President & CEO

Mr. Kasner is a graduate of the Haileybury School of Mines (1976) and has been involved in the mineral exploration industry for over 40 years, forming Glenn C. Kasner Exploration Services Ltd. In 1983.

#### Amanda Kasner – CA, CPA, CFO & Director

Ms. Kasner is an Honors graduate of the DeGroote School of Business, McMaster University (2007). Ms. Kasner has worked with Ernst & Young LLP and Ross Pope and Company and is currently employed as the Corporate Controller at Kirkland Lake Gold Inc.

#### William E. MacRae – M.Sc., P.Geo., Director

Mr. MacRae is an Honours B.Sc. from Lakehead University (1975) and M.Sc. from McMaster University (1982) with over 43 years of experience in mineral exploration from grass roots projects to bulk sampling of underground mineralization. Mr. MacRae has had executive positions with the Porcupine Prospectors and Developers (President), the Ontario Prospectors Association (Vice President) and the Timmins Development Corporation (1991) to 2011).

#### Dan Mackie – P.Eng., Director

Mr. Mackie is a mechanical engineering graduate from McGill University with more than 40 years of experience in the mining industry. Mr. Mackie has an extensive background in EPCM, notably as Project Manager on contract to Bechtel for the Prefeasibility Study for the Collahuasi Project, which included 15,000t/d heap leach, SX/EW and a 60,000 t/d flotation plant. He has been developing Continuous Vat Leaching (CVL) since the early 1990's.

#### James S. Kermeen – M.Sc., P.Eng., Director

Mr. Kermeen is a Geological Engineer and Geologist with over 45 years of International and Canadian experience in exploration and underground mine development, including uranium deposits in Saskatchewan, base and precious metals in Asia and Latin America. Mr. Kermeen participated in the discovery of the South Kemess gold-copper deposit in BC as well as mine management and participation in mine feasibility studies on the Phoenix Copper. Similco and Granisle copper mines in BC.

#### **Diane McKean – Corporate Secretary**

Ms. McKean has been the Corporate Secretary and Office Manager for RJK Explorations Ltd. For over 18 years after spending 7 years with the Ministry of Northern Development & Mines handling recording of claims and work assessment reports. Ms. McKean is fluent in French and English.

### **Project History**

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- Maude Lake mineralization was first discovered in 1915, with a 62m deep shaft sunk on the Shaft vein and 113m of lateral development. Mill testing of a 25-ton sample produced 30 ounces of gold.
- The property consists of 84 staked, Leased and Patented claims in the Beatty, Coulson, Carr and Wilkie Townships covering 1,731 hectares, lying along the Pipestone Fault.
- Maude Lake Gold Mines acquired the property in 1981.
- Maude Lake Gold and Joint-Venture partners completed stripping an open pit and an underground decline ramp (1988) to test the Zone 5, including 227 drill holes for 37,109 metres, 92 underground holes for 5,264 metres and 938 percussion holes for 5,935 metres.
- McWatters Mines acquired the property in 1993 and completed 3 drill campaigns as well as processing a bulk sample of 6,000 tons of fully diluted 5 Zone material which was crushed and sent through a sample tower, returning an average grade of 0.13 ounces per ton (4.06 g/tonne) with the metallurgical testing indicating recoveries of 92.6% utilizing a typical float / cyanide mill.
- McWatters then sold the property to Globex Resources in 2002. Globex then optioned the property to Vedron Gold. Vedron completed 11 drill holes for 1,986 metres in 2004 along with starting the initial permitting for the open pit.
- RJK Explorations Ltd purchased 100% of the Maude Lake Gold Property in 2016.

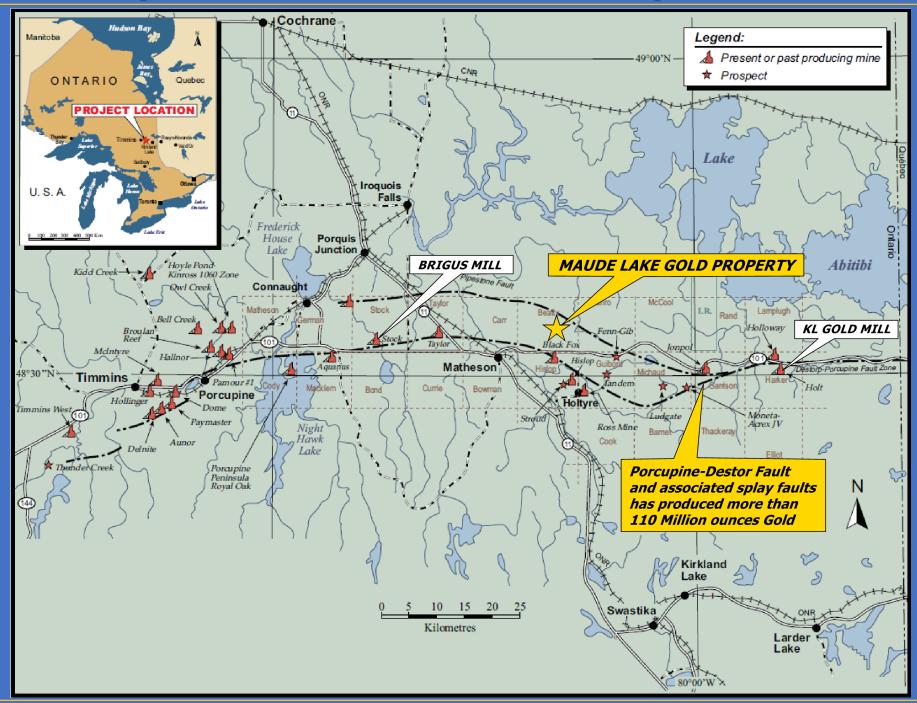
### 1985 - Pre Stripping of the Maude Lake 5 Zone





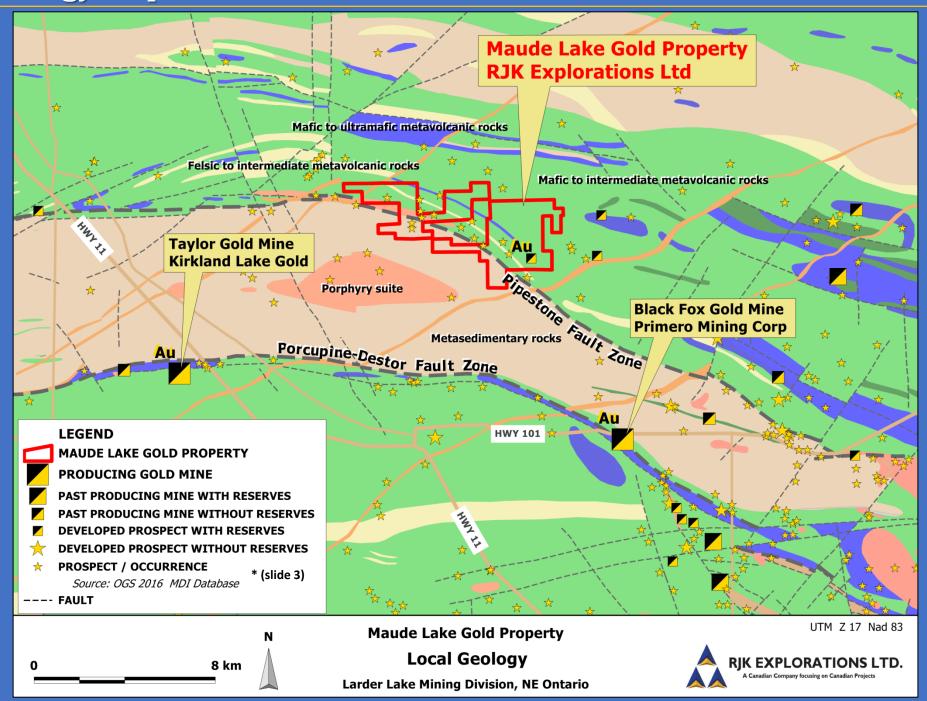
# **Destor-Porcupine Fault Zone with Associated Gold Deposits**





### **Geology Map of Area**

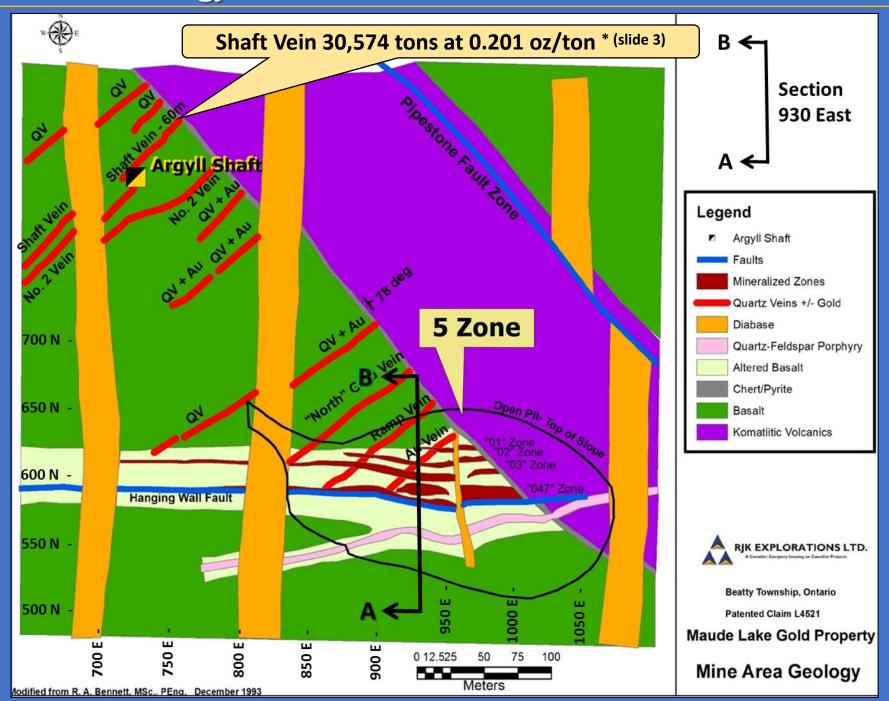




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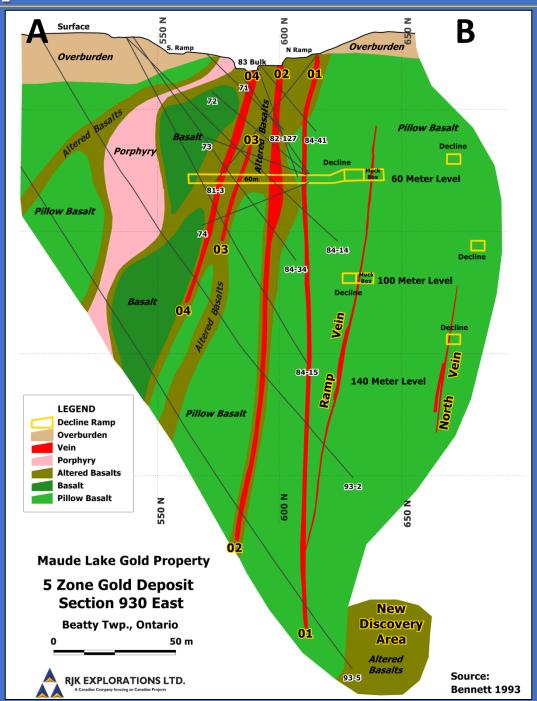
### **Mine Area Geology**





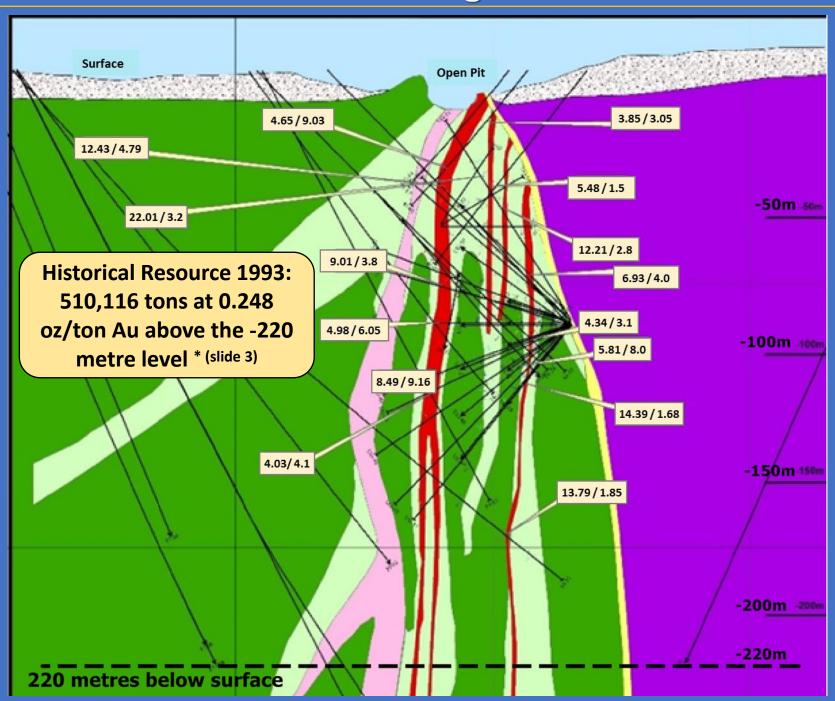
### **5 Zone Gold Deposit Section 930 East**





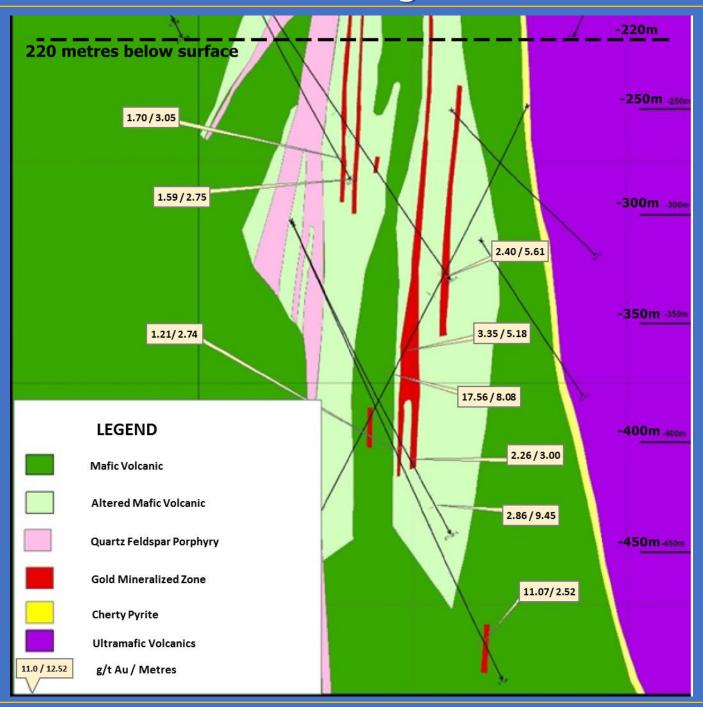
### **Schematic Cross Section With Drilling**





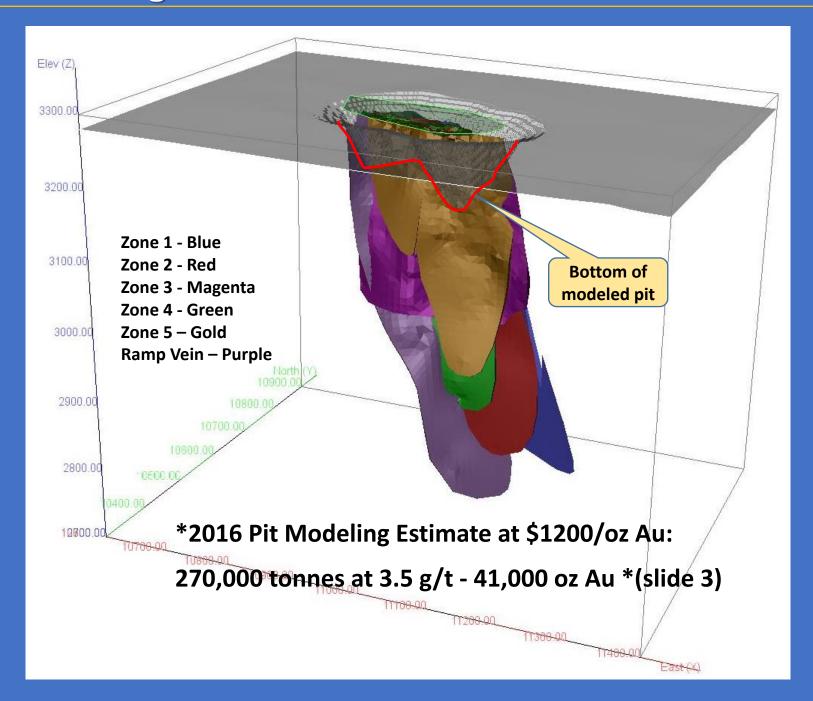
# **Schematic Cross Section With Drilling**





# Whittle Pit Design 2016 – 5 Zone

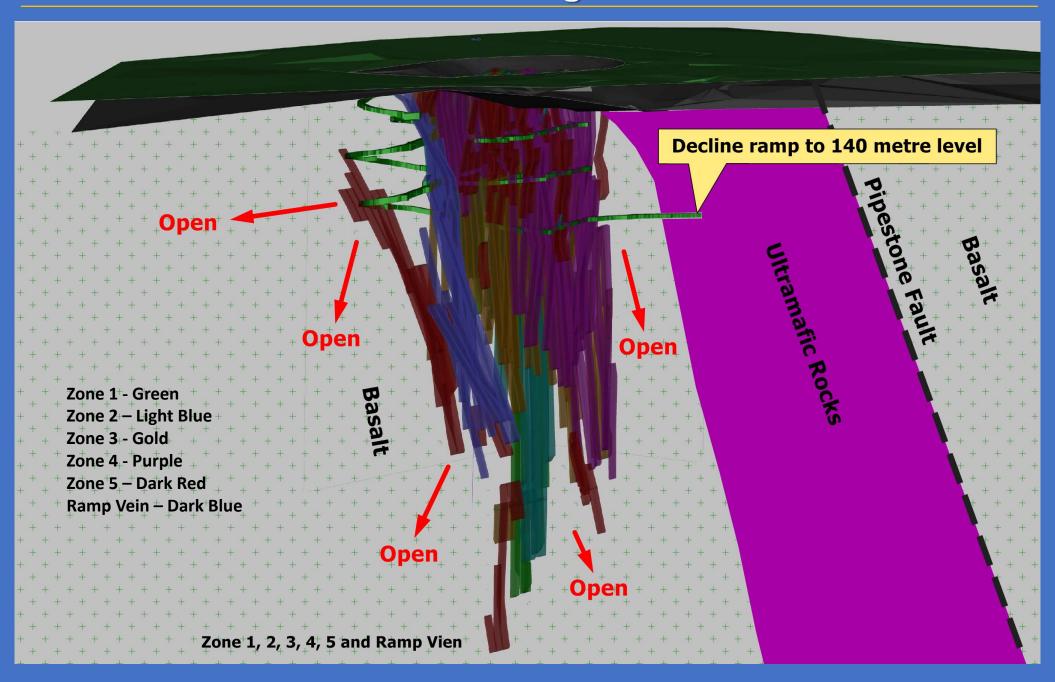




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# **Gold Resource Model 5 Zone Looking Northwest**





### 2017 Exploration Plans for Maude Lake Gold Property



A 5,000 metre diamond drilling program is now underway, consisting of 1,500 metres to confirm historic drilling and fill in any gaps in the data and 3,500 metres to test vein extensions both laterally and vertically.

Phase 1 of the drilling has already generated a drill intersection of 14 metres grading 5.37 gram gold/t.

With the new drill data, RJK will complete a NI 43-101 resource calculation.

RJK will also use that drilling information to consider the potential of the stripped open pit.





