## **North Arrow**

MINERALS INC.

Background on the Type Classification of Diamonds and the Causes of Natural Fancy Yellow Diamonds

\*Companion Information to Press Release Issued on April 21st, 2015

## North Arrow

### FORWARD LOOKING STATEMENT

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This presentation contains projections and forward looking information that involve various risks and uncertainties, including, without limitation, statements regarding the potential extent of mineralization, resources, reserves, exploration results and plans and objectives of North Arrow Minerals Inc. These risks and uncertainties include, but are not restricted to, the amount of geological data available, the uncertain reliability of drilling results and geophysical and geological data and the interpretation thereof and the need for adequate financing for future exploration and development efforts. There can be no assurance that such statements will prove to be accurate. Actual results and future events could differ materially from those anticipated in such statements. These and all subsequent written and oral forward-looking statements are based on the estimates and opinions of management on the dates they are made and are expressly qualified in their entirety by this notice. The Company assumes no obligation to update forward looking statements should circumstances or management's estimates or opinions change.



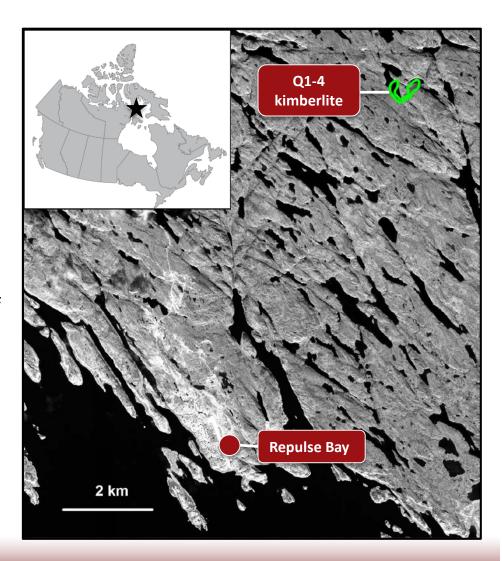
# North Arrow

### QILALUGAQ PROJECT, NU

> \$25 M in past exploration.

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- 15 diamond bearing kimberlites.
- Q1-4: biggest (>12 ha), highest grade.
- 9 km from Repulse Bay & tide water.
- May 2013 inf. Resource estimate of 26.4 million carats to 205m depth.
- Yellow diamonds could significantly & positively impact value.
- NAR extracted a 1500 tonne wet sample of the Q1-4 in the summer of 2014; processing for diamonds is nearing completion; valuation in May 2015.
- NAR can earn 80% from Stornoway by completing this work.
- SWY retains one time back-in right to 40% by paying 3X exploration costs.





### Q1-4 DIAMONDS – APRIL 21, 2015 PRESS RELEASE

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- 189.97 carats recovered from first 609 t. announced Feb. 26, 2015
- Results confirmed a significant population of yellow diamonds is present; 8.5% yellows by stone count; 21.4% yellows by carat weight.
- Largest stones: 4.42 cts, 4.16 cts, 3.53 cts; all yellow cubic aggregates.
- Conducted a FTIR Study (Fourier Transform Infrared Spectroscopy).
- 40 of 41 yellow diamonds that were tested contain un-aggregated Nitrogen typical of Type 1b diamonds.



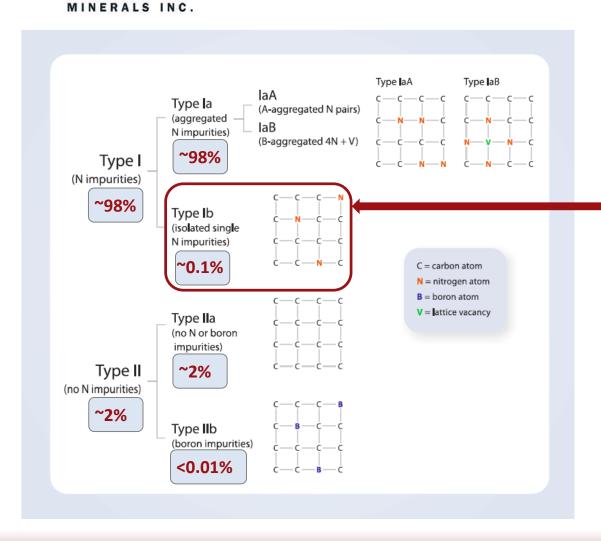
+5DTC "Run of Mine" from a portion of Q1-4 2014 bulk sample – 17.22 carats

What does this mean?



### TYPE CLASSIFICATION OF DIAMONDS

### MINERALGING

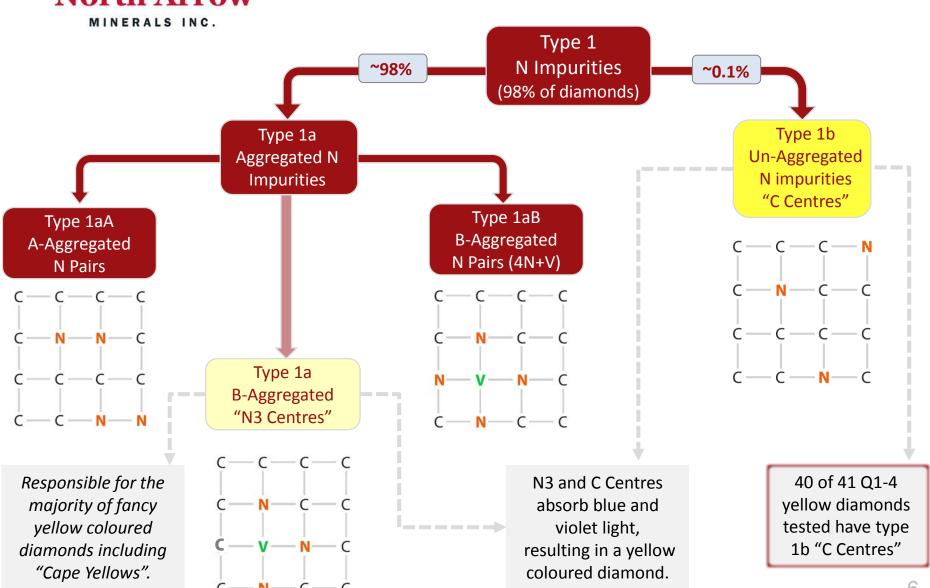


- Un-aggregated nitrogen.
- Very rare.
- Only ~0.1% of natural diamonds fall in this category.
- 40 of 41 Q1-4 yellow diamonds.



### NITROGEN AND YELLOW DIAMONDS

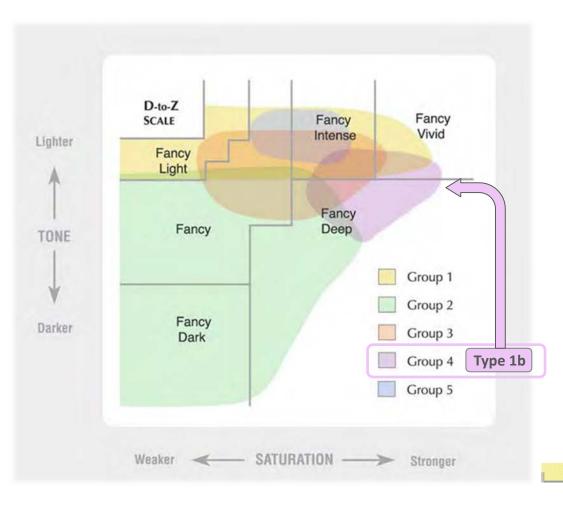
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### **CLASSIFICATION OF YELLOW DIAMONDS**

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- Diamonds referred to as "canary yellow" in the gem trade are typiclly Type Ib and are widely acknowledged as the rarest of all natural yellow diamonds.
- A study by the GIA classified only 0.8% of over 24,000 natural yellow fancy yellow diamonds as Type 1b diamonds.



### QILALUGAQ PROJECT – WHAT'S NEXT

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- CURRENTLY: Processing and recovering diamonds from remaining 54% of the kimberlite sample from Q1-4. Permitting/planning follow up resource definition drilling H2 2015.
- WHAT'S NEXT: Complete diamond sorting in April, 2015; diamond parcel then shipped to Antwerp for valuation in May, 2015. If value is positive, proceed with PEA.
- **GOAL:** to advance Qilalugaq to a development track project having skipped over the expensive exploration/discovery and initial resource drilling stages. Total budget for the current bulk sample collection and valuation is \$3.7 million.







### **TSXV: NAR**

**Ken Armstrong President & CEO** 

**Gren Thomas** Chairman

Suite 960-789 West Pender Street

Vancouver, BC

Canada V6C 1H2

Tel: +1.604.668.8354

Fax: +1.604.336.4813

info@northarrowminerals.com

@narminerals | E



northarrowminerals **f** 



www.northarrowminerals.com

