# The Pahtavaara Gold Project

# A new vision for exploration and development in Finland

**June 2016** 



# **Cautionary statement**

#### **Cautionary Note Regarding Forward-Looking Information**

This document contains certain forward-looking statements relating but not limited to the Company's expectations, intentions, plans and beliefs. Forward-looking information can often be identified by forward-looking words such as "anticipate", "believe", "expect", "goal", "plan", "intent", "estimate", "may" and "will" or similar words suggesting future outcomes or other expectations, beliefs, plans, objectives, assumptions, intentions or statements about future events or performance. Forward-looking information may include reserve and resource estimates, estimates of future production, unit costs, costs of capital projects and timing of commencement of operations, and is based on current expectations that involve a number of business risks and uncertainties. Factors that could cause actual results to differ materially from any forward-looking statement include, but are not limited to, failure to establish estimated resources and reserves, the grade and recovery of mined ore varying from estimates, capital and operating costs varying significantly from estimates, delays in obtaining or failures to obtain required governmental, environmental or other project approvals, inflation, changes in exchange rates, fluctuations in commodity prices, delays in the development of projects and other factors. Forward-looking statements are subject to risks, uncertainties and other factors that could cause actual results to differ materially from expected results.

Potential shareholders and prospective investors should be aware that these statements are subject to known and unknown risks, uncertainties and other factors that could cause actual results to differ materially from those suggested by the forward-looking statements. Shareholders are cautioned not to place undue reliance on forward-looking information. By its nature, forward-looking information involves numerous assumptions, inherent risks and uncertainties, both general and specific, that contribute to the possibility that the predictions, forecasts, projections and various future events will not occur. Rupert Resources undertakes no obligation to update publicly or otherwise revise any forward-looking information whether as a result of new information, future events or other such factors which affect this information, except as required by law.

#### **Cautionary Note to U.S. Investors Concerning Resource Estimate**

The resource estimates in this document were prepared in accordance with National Instrument 43-101, adopted by the Canadian Securities Administrators. The requirements of National Instrument 43-101 differ significantly from the requirements of the United States Securities and Exchange Commission (the "SEC"). In this document, we use the terms "measured", "indicated" and "inferred" resources. Although these terms are recognized and required in Canada, the SEC does not recognize them. The SEC permits U.S. mining companies, in their filings with the SEC, to disclose only those mineral deposits that constitute "reserves". Under United States standards, mineralization may not be classified as a reserve unless the determination has been made that the mineralization could be economically and legally extracted at the time the determination is made. United States investors should not assume that all or any portion of a measured or indicated resource will ever be converted into "reserves". Further, "inferred resources" have a great amount of uncertainty as to their existence and whether they can be mined economically or legally, and United States investors should not assume that "inferred resources" exist or can be legally or economically mined, or that they will ever be upgraded to a higher category.



## Introduction

Opportunities to build a significant new gold producer

## Finland is underdeveloped

- 12 operating mines in Finland
- Limited funding from Nordic financial markets
- Minimal investment in resource development
- Typical company production of 25koz/a with AISC over USD1000/oz
- Kittila mine (Agnico Eagle) and Sakatti Project
  (Anglo American) evidence of larger scale deposits

### Opportunity

- Access to permitted brownfields processing operations
- High reserve and resource prospectivity
- Historically low exploration costs
- Asset disposals by large and mid cap producers

### Successfully operating with low grade ores

- Low power costs (US\$0.075/kwh)
- Technologically advanced
- High productivities

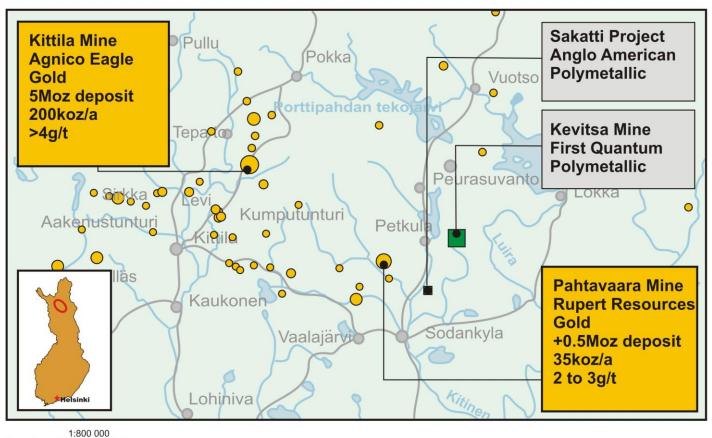


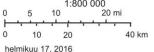
# Six month purchase option on Pahtavaara mine

- Six month option commenced in March 2016
- Total purchase Price for Pahtavaara Mine \$2.5 mln
  - \$500,000 at conclusion of option period
  - \$2 mln balance from 1.5% production royalty
  - Additional requirement for EUR640,000 environmental bond

# **Central Lapland Greenstone Belt**

## Over 30 incidences of gold mineralization in the region with three producing mines



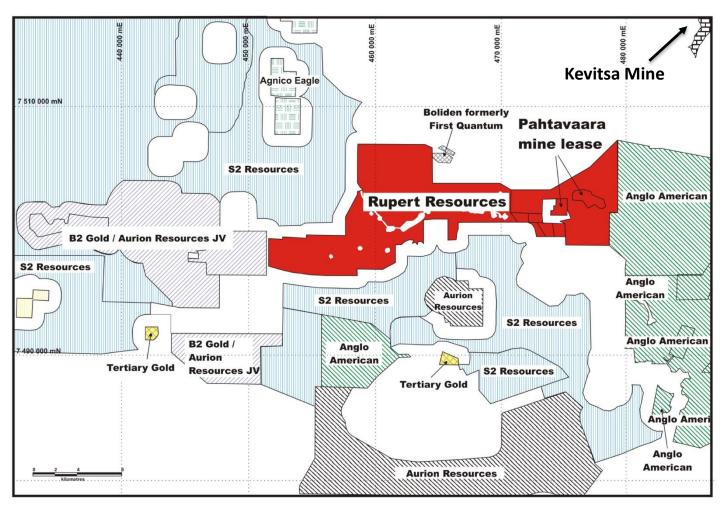


Maanmittauslaitos, National Land Survey Of Finland, 2013



## Pahtavaara licence area

## 124km² Rupert claim located centrally in highly prospective area



350koz mined from 4km² mining lease

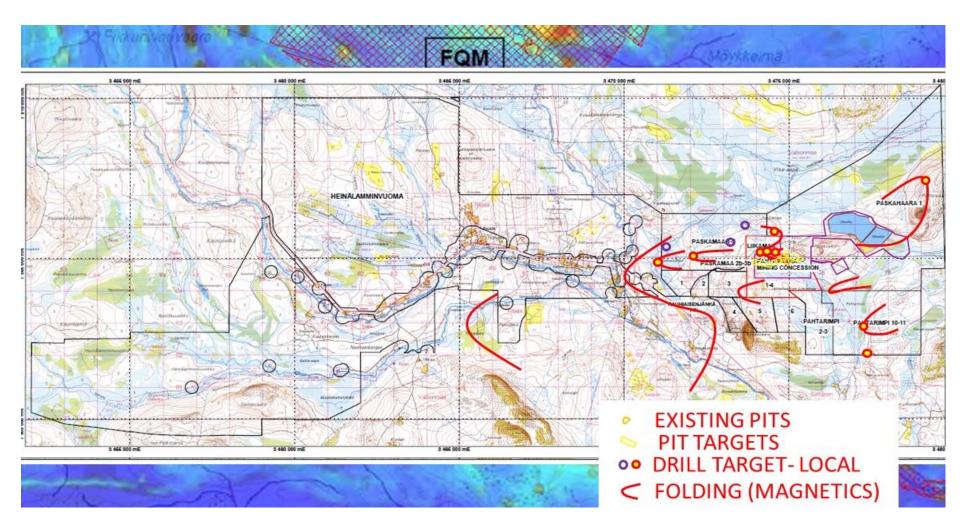


## 2016 work program

- 3000m drill program to confirm targets during option period, testing:
  - Karolina orebody (1200m)
  - Open pit potential (400m)
  - Northern flank (800m)
  - Wild cat targets (600m)
- Trenching program to test open pit potential of existing orebody
- Use of geophysics (IP and mag), base of till data and mapping to enhance understanding of regional prospectivity
- Recommission mill
- Commence tendering process for mining contractor services
- Determine timeline for first production

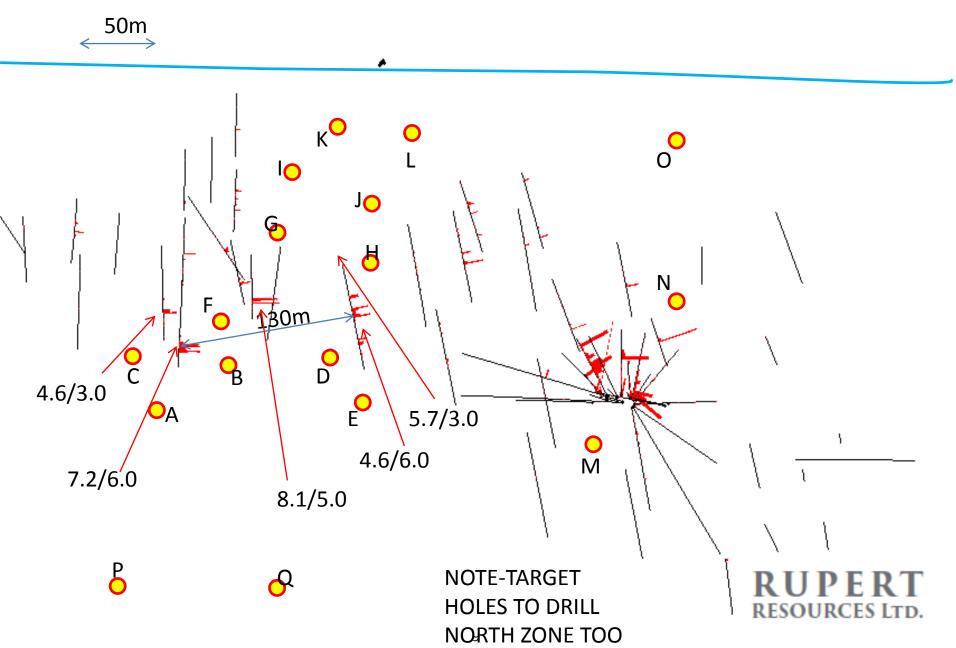


# Multiple drill targets on 124km<sup>2</sup> claim area





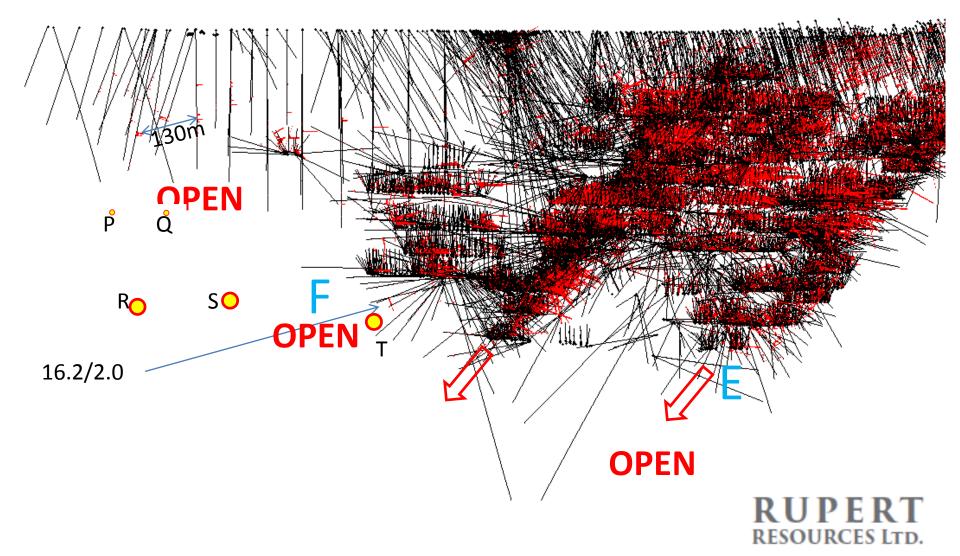
# **Karoliina – exisiting drill holes**

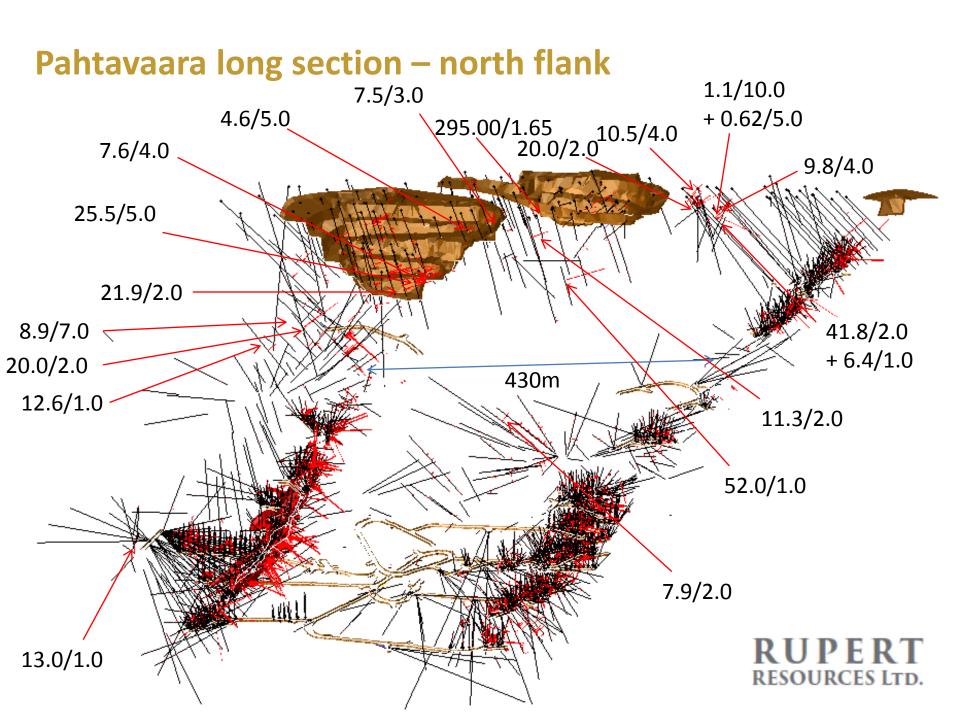


# Pahtavaara long section – south flank

# **KAROLIINA MAIN OREBODY** Open pit potential Open pit potential **Development to Karoliina** undergound RESOURCES LTD.

# Karoliina – deeper exploration





# Phased approach to 100koz/a

### Disciplined strategy focused on margin and low capital intensity

- Phase 1 Pahtavaara start-up 35koz/a and 5 year reserve
  - Near mine open pit potential
  - Karoliina infill drilling
  - Down plunge extension of existing orebody
- Phase 2 Pahtavaara expansion to >50koz/a
  - Exploration success on existing Pahtavaara licence
  - Satellite orebody potential
- Phase 3 Expansion to 100koz/a
  - Regional exploration success
  - Acquisition
- Management investment critieria
  - Profitable (operating margin >50%), targeting AISC of <USD700/oz</li>
  - Low capital cost (USD/500 annual oz) intensive projects
  - Short payback period (i.e. less than three years)

