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#### Technical Information

The reporting standard adopted for the reporting of the Mineral Resources is that defined by the terms and definitions given in the terminology, definitions and guidelines given in the Canadian Institute of Mining, Metallurgy and Petroleum (CIM) Standards on Mineral Resources and Mineral Reserves (December 2014) as required by NI 43-101. The CIM Code is an internationally recognised reporting code as defined by the Combined Reserves International Reporting Standards Committee.

All scientific or technical information in this presentation has been approved on the Company's behalf by James Gilbertson, VP of Exploration, a Qualified Person under National Instrument 43-101 – Standards of Disclosure for Mineral Projects. For further information about the technical information and drilling results described herein, please see the National Instrument 43-101 – Standards of Disclosure for Mineral Projects compliant technical report prepared by SRK Exploration Services Ltd. dated effective December 16, 2016, titled "An Independent Technical Report on the Nalunaq Gold Project, South Greenland" and the technical report prepared by SRK dated effective January 30, 2017, titled "An Independent report on the Tartoq Project, South Greenland" (the "Technical Reports").

In line with the requirements of the AIM Rules for Companies, including the requirement to have a Competent Person's Report ("CPR") prepared within six months of any admission document, the Competent Person's Report titled "A Competent Person's Report on the Assets of Amaroq Minerals Ltd, South Greenland" dated June 26, 2020, is filed on SEDAR under the Company's issuer profile at <a href="https://www.sedar.com">www.sedar.com</a> and is available on the Company's website at <a href="https://www.amaroqminerals.com">www.amaroqminerals.com</a>. All scientific and technical disclosure in that CPR is in compliance with NI 43-101 standards. The Company notes that this document does not replace the Company's existing 43-101 Technical Reports available on <a href="https://www.sedar.com">www.sedar.com</a>

### **BOARD AND EXECUTIVE MANAGEMENT TEAM**



Eldur Olafsson
Founder, President & CEO Executive Director

- Extensive global experience across geothermal, oil & gas and mining
- Built largest geothermal district heating company in the world together with SinopecGroup sold out in 2012
- Over 8 years working in Greenland building up integrated mining projects



## Jaco Crouse CFO Executive Director

- 20 years in financial management, mine financing planning, business optimization and strategy development
- Was the CFO of Detour Gold Corp, CFO and Vice-President Finance of Triple Flag Mining Finance Ltd and Vice President Business Planning & Optimization at Barrick Gold Corp



James Gilbertson VP Exploration

- Over 20 years of experience in mineral exploration, resource development and estimation
- 17 years as a Principal Exploration Geologist, and until recently, Managing Director of SRK Exploration.
- Specialist in mineral exploration design, planning and management.



Graham Stewart
Non-Executive Chairman

- 30 years in the international oil & gas industry
- Founder of Faroe Petroleum of which he became CEO and listed on AIM in 2003
- Grew Faroe into a successful exploration and production company, which was sold in 2019 for approximately USD800m to DNO



Joan Plant
VP ESG and Corporate Secretary

- 15 years at Barclays Bank in HR, Project and Change management
- Worked on projects in Greenland since 2010 in production and exploration settings
- 11 years managing Greenland Government relations including all aspects of Licencing, Governance and Monitoring



Anna Mkrtchyan VP Finance

- 15 years of corporate finance, financial planning and strategy development, business transformations and mining innovations & technology implementations
- Was Commercial Director Innovation Group at Barrick Gold, held progressive managerial roles at Glencore and Xstrata, fractional CFO to technology start-ups



Warwick Morley-Jepson Non-Executive Director Significant Technical experience in mining

- 40 years in the mining industry
- Chairman of Wesdome Gold Mines and Non-Executive Director of Karora Resources
- Previously the Executive Vice
   President and Chief Operating Officer
   at Ivanhoe Mines and Kinross Gold
   Corporation



Liane Kelly Senior Independent Director

Wealth of ESG experience in mining sector

- Successful career advising companies on their sustainability and CSR initiatives
- On the Board of B2Gold Corporation and acts as a CSR Advisor at Middle Ground Consulting
- Specialises in advising companies on their community engagement and social impact



Siggi Thorkelsson Non-Executive Director

Extensive experience in the banking and securities industry

- 25 years banking and securities experience in New York, London, Tokyo, Hong Kong, and Iceland
- Previous Head of APAC Equities at Nomura, and Head of APAC Equities and later EMEA at Barclays
- Co-founded a number of investment companies in Iceland and the UK



Line Frederiksen Non-Executive Director

Substantial experience in Greenlandic infrastructure

- Substantial experience in Greenlandic Infrastructure
- Responsible for cybersecurity governance in Greenland
- Currently the CFO at Tele Greenland A/S, a leading provider of telecom solutions in Greenland



David Neuhauser
Non-Executive
Director

Extensive capital markets and M&A experience

- Extensive capital market and M&A experience
- Managing director of event-driven hedge fund Livermore Partners, a 6.04% shareholder in the corporation
- Currently sits on the board of Shareholders Gold Council, Jadestone Energy Plc, and Kolibri Global Energy Inc.



## AMAROQ MINERALS LTD GOLD DEVELOPMENT STRATEGY

Unlocking value from Greenland's gold and mineral wealth

√ Shortest, lowest risk path to cashflow via the re-development of Nalunaq

√ Nalunaq cashflow to self-fund and unlock the true mineral potential of Greenland

- ✓ Targeting world class deposits to fill the World's metal supply gap
- **Opportunistic and nimble to accelerate** our strategy and unlocking additional shareholder value through partnerships and co-investment structures

### **Cornerstone Development Project**



Nalunaq 251 koz 422,770t @ 18.5 g/t Au (1)

Past producing high grade mine. Historical mining centred on three mining blocks (Mountain, Target & South). New Valley Block discovered by Amarog Minerals

### **AMAROQ MINERALS Targets**



Vagar Ridge 2,533g/t Au Rock chip sampling Orogenic and IRG mineralisation within the Nanortalik Goldbelt



175g/t Au, 3.83% Cu 0.8m channel sample Mineralized > 1 km long and 20 m wide shear zone in the Nanortalik Goldbelt

## **AMAROQ MINERALS Strategic Mineral Targets**



Sava / North Sava 382 g/t Au 3.4%Cu, 3.7%Zn Grab sample Anomalous mineralisation and alteration in a potential IOCG belt



Kobberminebugt 90t Cu Historic Production Multiple historical occurrences and

operations within a copper district

**Stendalen** 4.8%TiO<sub>2</sub>, 2,335ppm V Cu mineralisation in coFe-Layer intrusive with Ti-V mineralisation plus potential Ni/contact

**Paatusog REE Potential** 

**Nanog** 

Gardar Intrusion 20 km in diameter covering an area of ~240

Amaroq Minerals Ltd: Corporate Profile

## AMAROQ MINERALS LTD CORPORATE OVERVIEW



Ticker (Market) AMRQ (AIM), AMRQ (TS X-V)

Listed **2020** (AIM), **20 I 7**(TSX-V)

Share Price (4) £0.46(AIM), **C**\$0.70 (TSX-V) Market Capitalisation (4) £80.4 million

Net Cash as at 31st March 2022 C\$ \$23.8m £14.5m

Outstanding Debt

Significant Shareholdings	

- High-quality register with significant institutional shareholders
- Board & Management: 16.22%

Shareholder	% Share Capital
Livermore Partners (I)	6.69
First Pecos, LLC	6.27
Chelverton Asset Management	5.42
Amati Global Investors	5.03
Eldur Ólafsson (2)	4.52
Sigurbjorn Thorkelsson (3)	3.80
JCAM Investments	3.78
Regal Funds Management	3.76
Libra Advisors	3.76
Greenland Venture A/S	3.39
SISA (Greenland Pension Fund)	3.39
Vaekstfonden (Danish Growth Fund)	3.39

<sup>(1)</sup> Livermore Partners LLP is a company in which David Neuhauser, Non-Executive Director of Amaroq Minerals Ltd, is Managing Director

<sup>(2)</sup> Holding is held through Vatnar Sarl and Vatnar EHF.

<sup>(3)</sup> Holding is held through Fossar Holdings Ltd

<sup>(4)</sup> as of 20 June 2022

Sources: Company Sources, Bloomberg, Refinitiv Datastream, Capital IQ.

### BUILDING A SUSTAINABLE BUSINESS AND EMPOWERING THE COMMUNITY

Commitment to leading responsible mining in Greenland with respect for local culture and traditions



#### **ENVIRONMENTAL**

- Local wind and hydro potential to support the mine and reduce the project's environmental footprint
- Nalunaq is a significant distance from local communities
- Limited impact on wildlife
- Innovative operating methodology to achieve greater energy efficiency



#### SOCIAL

- 50% local employment target to train and employ local population
- All staff will be trained by Amaroq Minerals Ltd with several initiatives underway
- Engaged with Greenland School of Minerals & Petroleum, Sisimiut, Greenland
- Commitment to engage with local contractors



#### **GOVERNANCE**

- Company operates to highest applicable regulatory standards
- Strong Board of experienced independent directors with wide ranging skills
- Greenlandic laws and practices are prioritised
- Continuing constructive dialogue with Government on EIA and SIA objectives



## GREENLAND – A GROWING MINING JURISDICTION

## 12 Active Explorers Across 8 Commodities

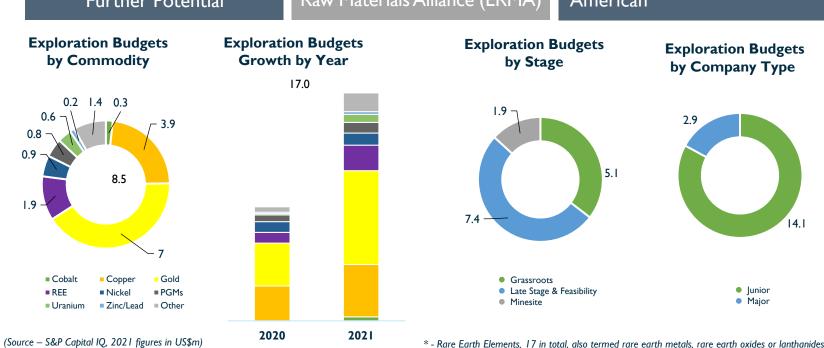
Government supportive of the mining industry to diversify economy with exploration budgets doubling from 2020-2021

Following glaciation, exceptional bedrock exposure, with very little vegetation

Amaroq Minerals has access to a huge database, representing decades of exploration data

Host 1.5% of Global REE\*
Reserves with Significant
Further Potential

Recently accepted as a Member of The European Raw Materials Alliance (ERMA) Recent Exploration from Global Majors, including Anglo American





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## NALUNAQ DEVELOPMENT AND PATH TO CASHFLOW

Amaroq Minerals Ltd have initiated a staged program of Resource development at Nalunaq and on into cashflow generation

**2020/2021** 

Stage I



Adv. Resource Modelling

Design, Testing and Adaptation of a Geological Model that underpins the High-Grade Mineralization

2021/2022

Stage 2



Resource Growth

Drill Testing in
Areas Identified by
the Geological
Model aiming to
Expanding Total
Resources

2022/2023

Stage 3



PEA & Resource Delineation

Economic
Assessment and
Infill Drilling to
Support Resource
Confidence and
Delineation

2023/2024

Stage 4



Bulk Sample & PFS

Prefeasibility Study,
Reserve
Development and
Initial Cashflow
through a Bulk
Sample

2024/2025

Stage 5



Construction Commissioning

Further
Construction
within the Valley
Block and
Development
across the Mine

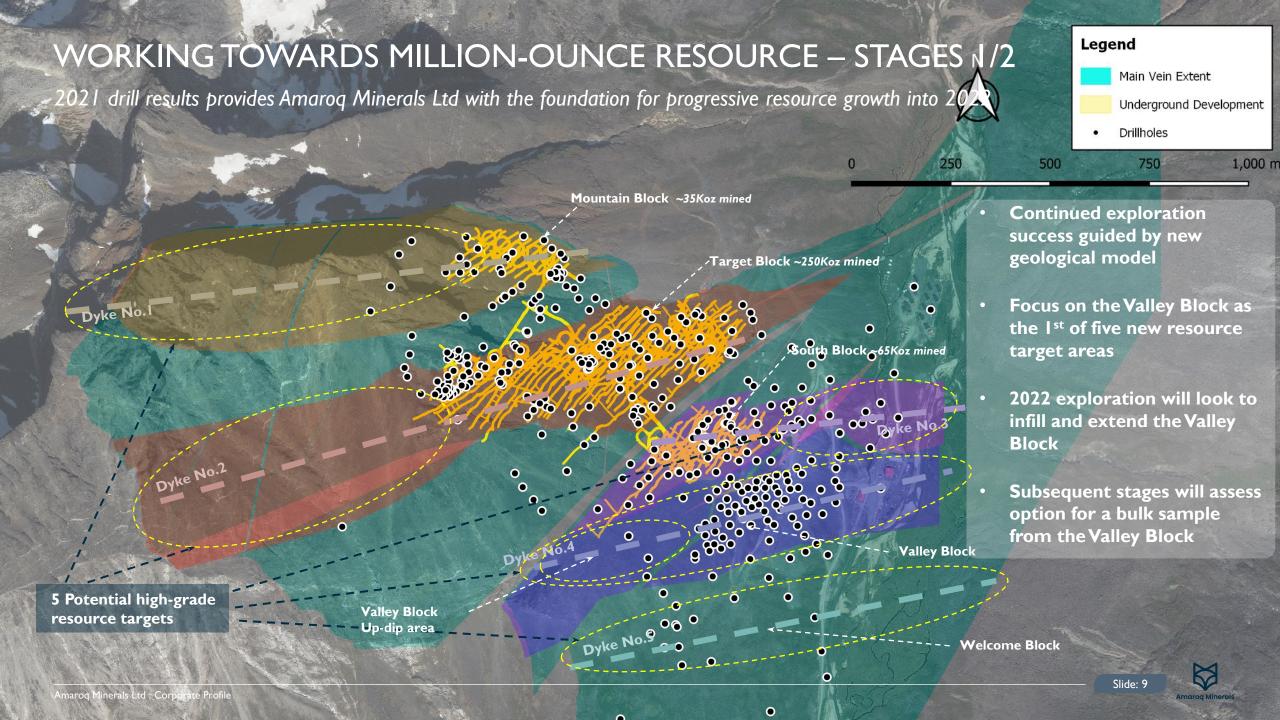
Dolerite
Dyke Model

Targeted Drilling

Project Economics

Initial Mine Development

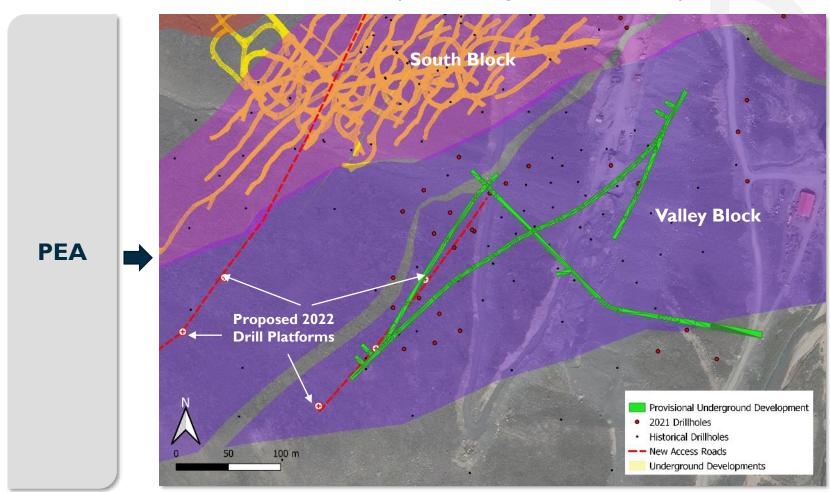
Mine Reopening



## PREPARING FOR CASHFLOW – STAGES 3/4

Progressive resource growth and demonstration of economics  $\rightarrow$  New access to the Valley Block and generate a bulk sample

- Resource delineation from further drilling and technical assessments.
- Preliminary, Economic Assessment (PEA) progressively updated on resource growth.
- Optionality for a bulk sample from the Valley Block to provide:
  - Reserve estimation
  - Seed infrastructure for future mining of the Valley Block
  - Initial cashflow
- Current concept to ship material to 3<sup>rd</sup> party toll treatment facility.



Conceptual new portal location and underground development to access Valley Block and provide material for bulk sample – will require updating from 2021 and 2022 drill results

### PREPARING FOR COMMISSIONING – STAGE 5

Supporting Infrastructure purchased or commercially and technically evaluated

- 60% of major processing plant equipment procured
- weather exploration man camp constructed and commissioned
- Critical surface mobile equipment purchased
- 3<sup>rd</sup> party engineering study completed with surface engineering to a pre-feasibility level or higher

















## AMAROQ MINERALS GOLD – A SOUTH GREENLAND PERSPECTIVE

Narsag

#### Tartoq NP & Midternaes -<sup>28</sup>Ni <sup>30</sup>Zn <sup>82</sup>Pb <sup>29</sup>Cu

Nickel potential in mafic-ultramafic units. Zn-Pb sulphides mapped close to the unconformity. Elevated copper background in stream sediments. Covered by 1996 Magnetic, Radiometric, Frequency Domain EM and VLF geophysics survey.

## Gardar - Voisey's Bay Fault Zone

#### Sava - 29Cu 79Au 30Zn 41Nb

Evidence for IOCG or porphyry copper potential.

Grab samples up to 382 g/t Au, 3.4% Cu, 3.7% Zn, 100 g/t Ag, 19% Nb, 2.2% Zr

#### Kobberminebugt - 29Cu 79Au

Arsuk

Disseminated and strata-bound copper sulphides. Includes small past producing Josva copper mine. Interpreted as IOCGstyle. Licence awarded but still under application

<sup>79</sup>Au - Gold

Tartog – <sup>79</sup>Au

in channel samples.

Archean Greenstone Belt

Up to 106 g/t Au over 0.5 m

Structure could be followed

over more than 300 metres.

82PB - Lead

<sup>73</sup>Ta - Tantalum

TiO<sub>2</sub> – Titanium Oxide

<sup>23</sup>V - Vanadium

#### Saarlog and Anoritoog - 29Cu 79Au

Copper-Gold related to regional shear zones. Up to 3.4 g/t Au, 0.38% Cu in grab samples.

#### Vagar Ridge - "Au

Highly prospective for orogenic and intrusion related gold systems. Rock chip samples up to 2,533 g/t Au. 200+ rock samples >1 g/t Au over 50 km

#### North Sava - <sup>29</sup>Cu <sup>79</sup>Au <sup>30</sup>Zn <sup>41</sup>Nb

Evidence for IOCG or porphyry copper

Grab samples up to 382 g/t Au, 3.4% Cu, 3.7% Zn, 100 g/t Ag, 19% Nb, 2.2% Zr

Aappilattoq

Saqqaa - 46Pd 28Ni

Layered Intrusive with grab

samples up to 5-10 g/t Pd

and >1% Ni. Open at depth

#### Paatusog REE <sup>41</sup>Nb <sup>73</sup>Ta <sup>40</sup>Zr

Paatuog Critical Metals Project an unexplored Garder Province intrusion with multiple strong rare earth element niobium - zirconium anomalies identified in initial sediment sampling

#### Nørrearm - Graphite

Amarog Minerals Gold Ta **⋈** Amarog Minerals Strategic

Nanog – <sup>79</sup>Au

samples.

**Mineral Targets** 

Major unconformity hosting thick pyrrhotite-graphite. Up to 14% graphite in rock chip samples.

Shear zone hosted gold mineralisation in

0.8 m in channel samples. Float samples

grading up to 3.83% Cu, 34 g/t Ag

lokum's Shear - "Au

Possible extension of Nanog Shear zone.

Up to 9.3 g/t Au over 3.1 m in channel

metavolcanic inliers. Up to 175 g/t Au over

#### Stendalen- <sup>23</sup>V TiO<sub>2</sub><sup>28</sup>Ni

Stendalen Gabbro is related to the intrusive Julianehåb Igneous Complex. Hosts orthomagmatic Fe-Ti-V mineralisation with average 4.8% TiO and 2,335 ppm V. Also potential for Ni-Cu-PGE mineralisation

#### Nalunag - <sup>79</sup>Au

Amaroq Minerals flagship project. Mineral Resource Estimate (2020) of 251 koz Inferred, 422,770 t @ 18.5 g/t Au (1)

25

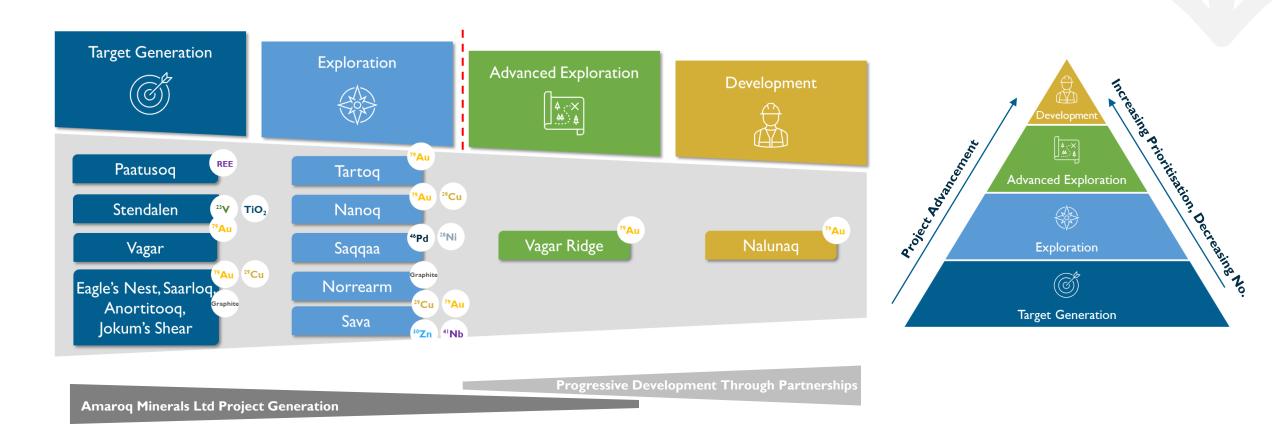
50 km





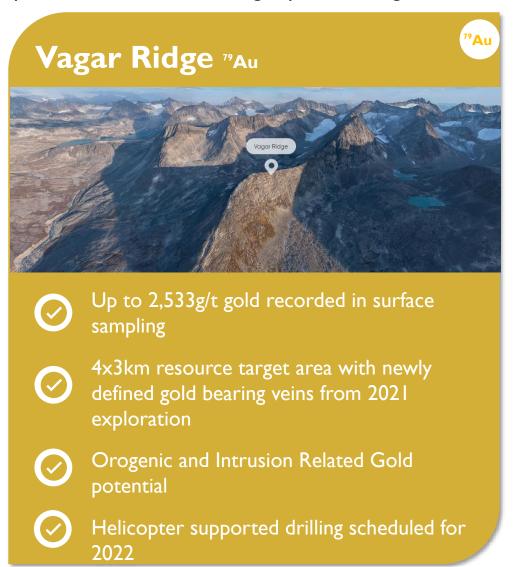
### **FULL CYCLE ASSET PORTFOLIO**

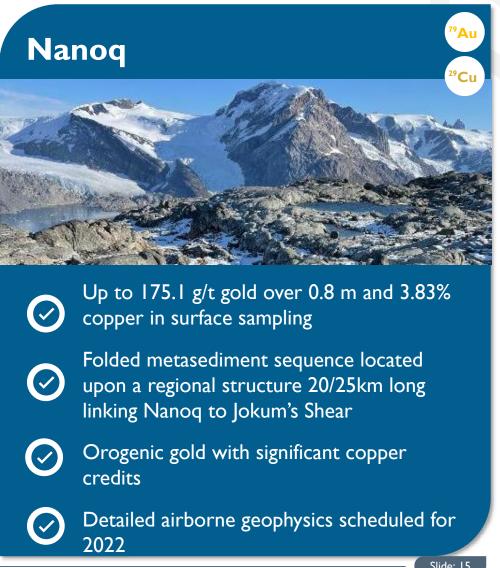
Amaroq Minerals Ltd leading mineral licence acreage in South Greenland provides a robust portfolio of attractive projects across the life-cycle, each with strong potential for gold base metals and strategic minerals



## **GOLD TARGETS**

Amaroq Minerals Ltd are conducting exploration to generate further gold resource development opportunities across South Greenland

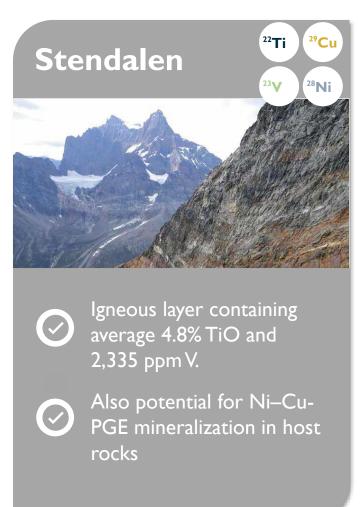


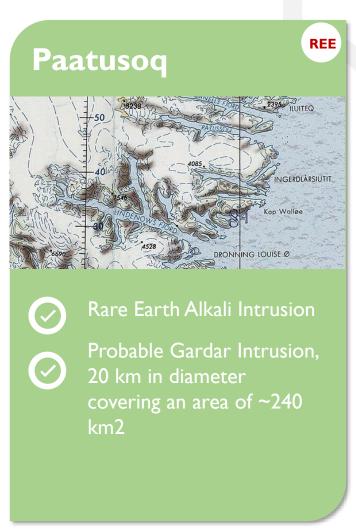


### STRATEGIC MINERAL TARGETS

Amaroq Minerals Ltd are conducting renewed exploration on strategic mineral and base metal targets across their license portfolio





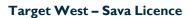


### ACCELERATING STRATEGIC MINERAL EXPLORATION

Amaroq has agreed a non-binding term sheet with ACAM, a leading resource investor in relation to a £18million private investment into a joint venture ("JV") to accelerate exploration across its significant strategic mineral prospects, providing significant upside to Amaroq

shareholders without recourse to additional equity funding



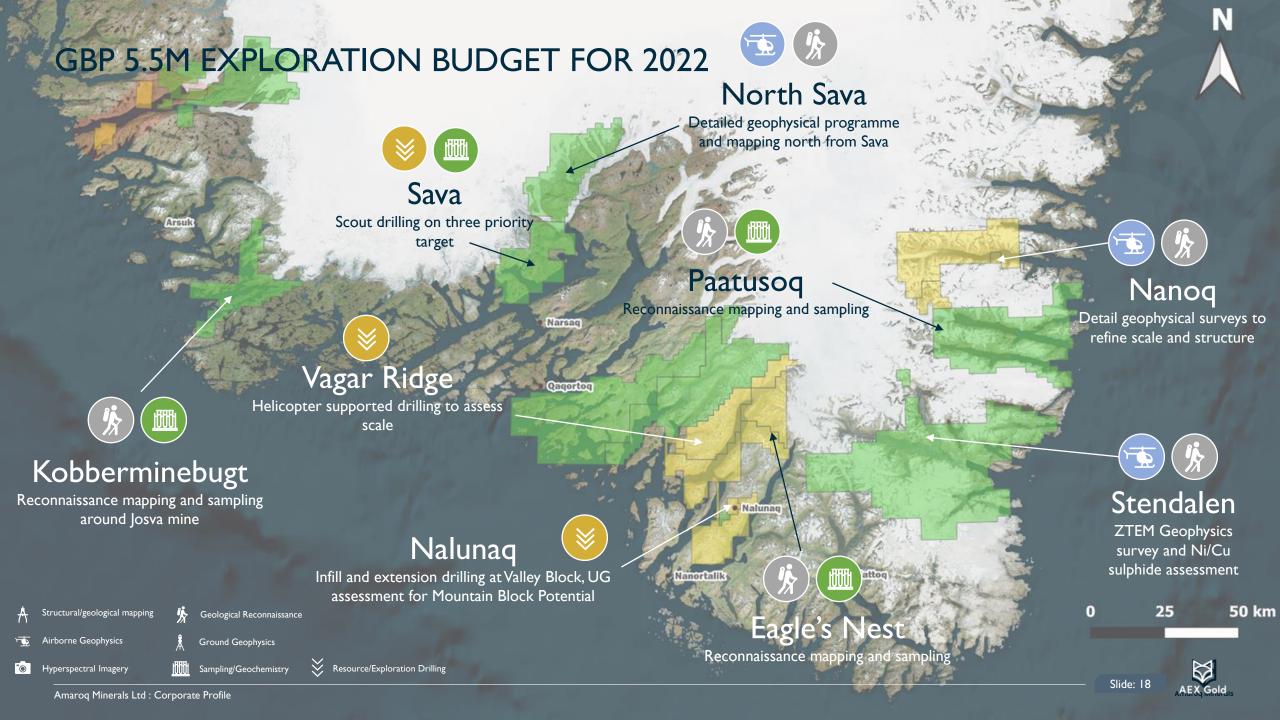




Josva Mine - Kobberminebugt

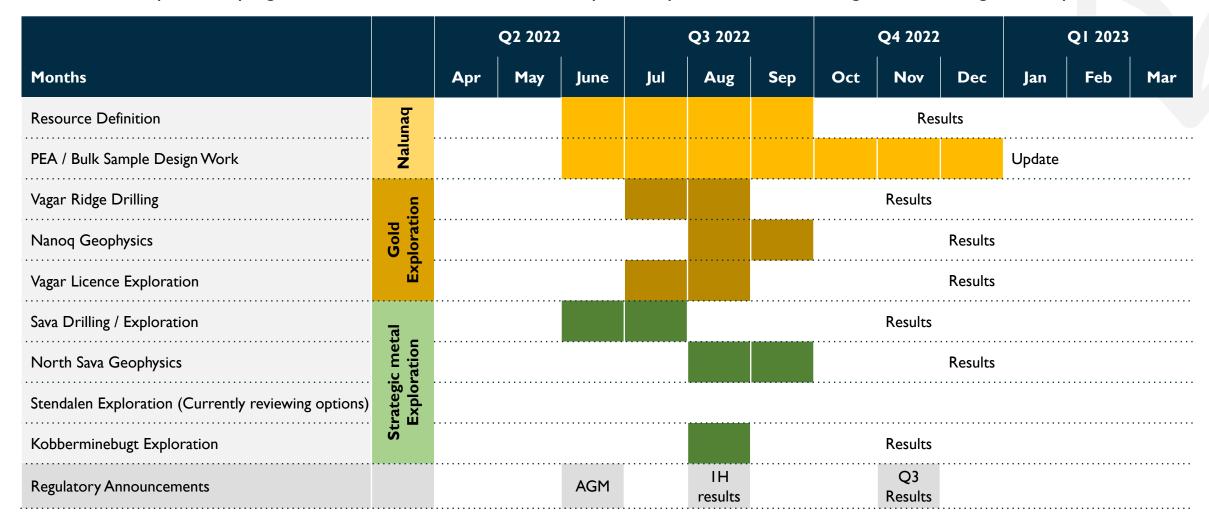
- Amaroq owns one of the largest strategic minerals land packages in Greenland, one of the most geologically prospective places on earth
- This significant £18M investment is greater than all the money spent on mineral exploration in Greenland in 2021 and will allow Amaroq to rapidly accelerate exploration of our strategic mineral portfolio

Initial Funding	ACAM will provide £18 M in funding to Amaroq upon signing of the JV Agreement, in exchange for a 49% interest in the JV Amaroq is expected to contribute its Strategic non-precious Mineral (i.e. non-gold) licences as well as a contribution in kind, valued, in aggregate, at £18.7 million (circa C\$29.5 million) in the form of site support, logistics and overhead costs associated with utilizing its existing infrastructure in Southern Greenland to support the JV's activities.  To explore strategic, non-precious metals across a number of Amaroq's prospective targets including Sava and North Sava,
Use of Proceeds	Stendalen, Paatusoq, Kobberminebugt and any other future Strategic Metal discoveries made on Amaroq Minerals Licences Initial funding will be used by Amaroq to fund a comprehensive exploration programme on each of the licences over three years
Subsequent Funding	Subject to the achievement of certain milestones the parties have agreed to a further £10,000,000 of funding based on a pre-money £48.4m valuation
Governance	Amaroq and ACAM will form a Management Committee made up of three Amaroq appointees and two ACAM appointees  The Management Committee will supervise Amaroq, as manager, in the execution of the exploration programme and will make all strategic decisions relating to the future of the Exploration Programme

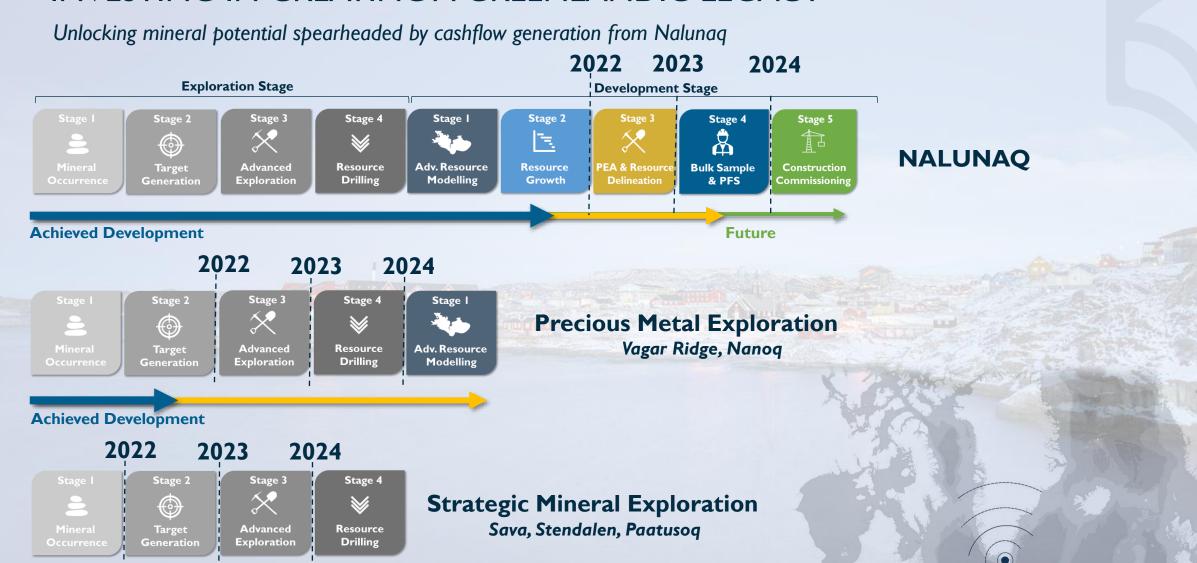


## **UPCOMING NEWSFLOW**

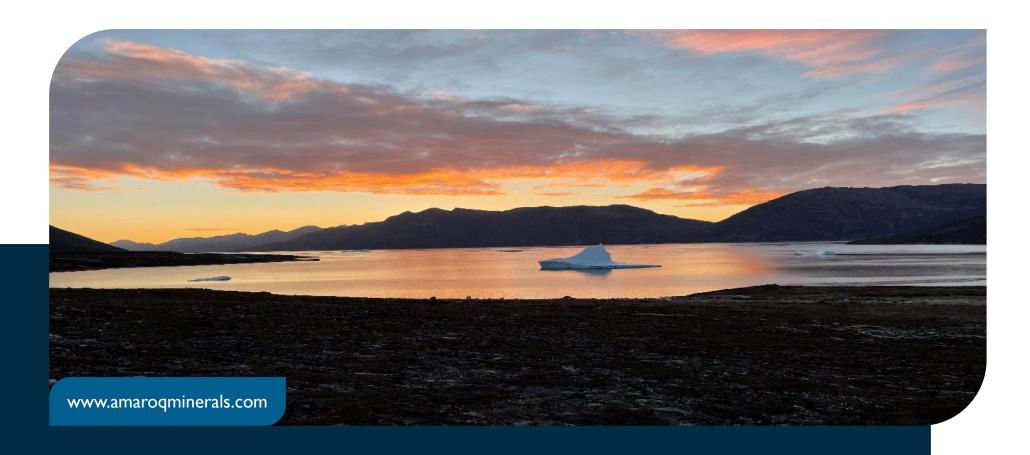
An ambitious exploration programme for 2022 focused on Nalunaq and exploration across both gold and strategic metal portfolios



## INVESTING IN CREATING A GREENLANDIC LEGACY



#### **Achieved Development**



# CONTACT US

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Eldur Olafsson, Chief Executive Officer

