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Interim Results Highlights for 6 months ending 30th June 2021

- Final permits in place to start production at Dundas
- Letter of Interest received from EXIM Bank
- Enonkoski Joint Venture and US \$20 million exploration campaign agreed with Rio Tinto
- Drilling commenced at Enonkoski
- Positive dialogue with the new Government of Greenland
- First field season completed for the Thunderstone Project
- Appointment of Mr Johannus Egholm Hansen as Non-Executive Director
- Strong ongoing cash management (£5.2m) and progress on VAT appeal
- Post-period
 - Joint Venture signed at Disko-Nuussuaq project with KoBold Metals ('KoBold'); US \$15 million.
 - Letters of Interest received from three Export Credit Agencies
 - HMRC withdraw their VAT case against the Company
 - Black Shales conditional £4 million divestment

Bluejay Investment Case

Quality,
Dedication,
Respect &
Growth

EUROPEAN
PRO-MINING
JURISTICTIONS &
HIGH ESG
STANDARDS

COMMODITY
BASKET TAPPING
INTO GLOBAL TRENDS
& DEMAND

EXECUTION

CAPABILITIES

& TRACK RECORD

Strategy

- **1.** Advance the Dundas Ilmenite Project into Production
- **2.** Drive value through development of other existing Projects
- **3.** Build revenue to selffund existing and future Projects
- **4.** Strengthen portfolio adding assets, providing exposure to multiple commodities

EXPERIENCED
TEAM LOCAL INHOUSE
TECHNICAL &
OPERATIONAL
EXPERTISE

Bluejay mining plc

STRONG
PORTFOLIO &
PIPELINE



EXECUTED
KEY-STRATEGIC
PARTNERSHIP &
INVESTORS

Listed on
London Stock Exchange
AIM Market ('JAY')
US OTC ('BLLYF') Market., and
Frankfurt ('S5WA') Exchanges.

Summary Investment Case



Meeting demand:

Global Trends

Ethical, sustainable and responsible sourcing of critical
Green Transition & Global Growth Metals – the Bluejay Project Portfolio.



Low-risk jurisdiction:

Country of Operations

Transparent, secure, pro-mining regulated European countries with **high Environmental, Social and Governance Standards** as a prerequisite.



Recognised potential:

Greenland & Finland

Well-endeavoured mineral-rich countries. Greenfield and Brownfield; datarich projects. Mineral targets for drilling validated by several data types.



Exploration Projects:

 Funded by strategic partnerships Deals of US \$40M announced over the last 8 months. Two large-scale exploration projects funded through JV partnerships with major renowned miner and world most renowned investors.



Advanced Project:

Mine fully permitted

The Dundas Ilmenite Mine is fully permitted for production and in advance dialogue for Project Financing which will allow construction and commencement of production of in demand ilmenite (TiO2).



Secure Offtake:

Large strategic partner

Ilmenite customer secured for Dundas through Master Distribution offtake with large international trading & industrial conglomerate.



Growth Strategy:

 Project Pipeline and additional resources The Bluejay Project Pipeline - additional strong drill-ready projects for partnership or own developments. Additional identified ilmenite resources for additional decades of production at Dundas. An in-production Dundas transforms Bluejay into a self-funded high growth/high returning business.



Inhouse Team:

 Expertise on how to operate & develop Highly experienced business, technical and market-oriented **team with** decades of know-how in country of operations.

Exploration and development company with a premium project portfolio in Greenland & Finland

Dundas (ilmenite sands - titanium)



- Large-scale mineral sand project awaiting mine construction and commencement of production.
- Fully permitted 30-year Exploitation Licence granted.
- Certified EIA & SIA to highest ESG standards.
- Offtake Agreement signed for up to 340,000 tpa (80% of planned annual production).
- Advanced discussion on project financing.



Disko-Nuussuag (Ni-Cu-Co-PGM-Au)

- Potential to host a new world class nickel deposit – analogues to Noril'sk Nickel District.
- District-scale polymetallic multiple targets over 2,776km² licence area – potential for world-class deposits.
- Drill ready targets with 30-year detailed historical dataset; massive nickel-sulphides runs 6.9% Ni, 0.6% Co, 3.7% Cu, 2g/t PGM*.
- US \$15M JV with KoBold Metals on exploration & drilling activities.

Kangerluarsuk (Zn-Pb-Ag-Cu)

- Targeting sediment-hosted Zn-Pb-Ag ± Cu deposits.
- 692km² licence adjacent to the former high-grade Black Angel Zn-Pb-Ag mine (produced 11.2 MT @ 12.6% Zn, 4.1% Pb and 29 g/t Ag)*.
- Drill-ready targets; drill programme ready.

Thunderstone (Au and base metals)

Listed on London AIM ('JAY')

US OTC ('BLLYF') and Frankfurt

('S5WA') Exchanges.

Current Market Capitalisation of

c. £120M GBP

 Regional scale licence (2,555 km²) – true greenfield region; 1st phase completed.

Strong institutional backing & Greenlandic & Danish Government backed institutional investors











RioTinto

- Bluejay licences cover entire prospective belt that hosts two former Ni-Cu mines.
 - Historic drill intercepts include: 32.90m @ 4.09% Ni, 0.56% Cu, 0.17% Co and 19.70m @ 6.12% Ni, 1.94% Cu, 0.29% Co.
 - US \$20M JV with Rio Tinto.
 - Drilling activities ongoing.

Outokumpu (Cu-Co-Zn-Ni-Ag-Au)

- Bluejay licences cover the majority of the Outokumpu copper belt, a prolific mining district.
- Several former high-grade mines entire Outokumpu Belt produced 44Mt @ 3.1% Cu. The Outokumpu (Keretti) and Vuonos Mines produced combined 34.4 Mt @ 3.6% Cu*.
- New near-mine and along strike targets; drill ready.

Hammashlathi (Cu-Zn-Au-Ag)

- High-grade VMS mineralisation. Bluejay licences cover entire prospective belt.
- Former open-pit & underground mine produced +10 Mt @ 1.16% Cu, 1.55% Zn, 0.59 g/t Au and 5.2 g/t Ag between 1973-86*.
- Extensions to the mined orebody demonstrated by recent drilling, and several near-mine geophysical targets. Drill ready.

Black Shales Project (Ni-Zn-Cu-Co)

Metal One Plc

- Partial divestment of Paltamo and Rautavaara projects in Finland to Metals One plc - cash and shares of US \$5.5M.
- Bluejay will appoint the technical director to the board.



Skilled Board, Management & Consultancy teams. Strong experienced in-country resources, develop and operational expertise

linked with business and commodity market expertise.



March 2018: Prospector and Developer of the Year 2017 by Government of Greenland

High ESG Standards

Trusted local partner



Major Achievements & Activities to date



A highly experienced board and management team with market, business and technical expertise. Collectively with more than a century of experience in Greenland and Finland together with strong government relations.



Preeminent Danish geologist with extensive geological knowledge and operational experience in Greenland. Previously senior research scientist and senior advisor to multiple European federal and commercial entities in the field of commodity development.



Former CEO of Greenland Minerals Ltd (ASX:GGG) and Blueiav Mining Plc. Geologist with more than 25 vears' experience in both the resources and financial sectors with 15 years proven operating experience in Greenland.



Mike Hutchinson Non-Executive Director

A deep understanding of commodities and metal trading, with extensive corporate experience. Has a wealth of specialised operational experience, particularly in Greenland, and an esteemed network of contacts.



More than 30 years' experience in the global titanium dioxide industry. Responsible for leading efforts to establish Blueiav as a significant global supplier of ilmenite for the titanium dioxide industry.



Faroese/Danish lawyer with over 30 years' experience in large construction projects, engineering, banking and equipment supply. Has worked as Senior Vice President of the FLSmidth Group and Country Head of FLSmidth Indonesia. Have been central in the planning and development of ongoing airport construction projects in Greenland.



Geologist with over a decade on-ground exploration and operational experience in challenging conditions and remote locations. Strong knowledge and experience with permitting regulations required by Greenlandic authorities. Led the technical development of Greenland Minerals Ltd's Kvanefield project in South Greenland, leading to a worldclass mineral resource



Corporate Development & Strategy, Bluejay Mining plc

Kevin Sheil

A capital markets veteran (over 30 vears) Experience across a number of sectors. Previously at the London Stock Exchange. corporate broking with HSBC, Credit Lyonnais and Barclays. Sector specialist at Credit Suisse and Citi. Head of Multi-Product Sales at Citi followed by over nine years as a Long-Short Equity Fund Manager.



Jensen Managing Director. Dundas Titanium A/S

More than 30 years of experience managing and operating in Greenland and has undertaken a variety of large logistical and supply chain operations. Have previously held senor roles in the largest Greenlandic transportation and logistics companies in Greenland. Wide network to Greenland stakeholders. communities, business and politicians. Former Greenlandic resident.



Geologist with more than 15 vears of experience in exploration and project management. Have previously been working as a researcher at Åbo Akademi University and project manager at AB Scandinavian Geopool. Extensive network to the Finnish mining and exploration community.



Solovieva GIS & Database Manager

Geologist and GIS specialist with significant practical experience both in office and field environments. Strong background from both the mineral and hydrocarbon background on handling, processing and visualization of geological and spatial data.

Why Greenland & Finland? - Strong Resource Potential, Stable and High ESG Standards -

GREENLAND

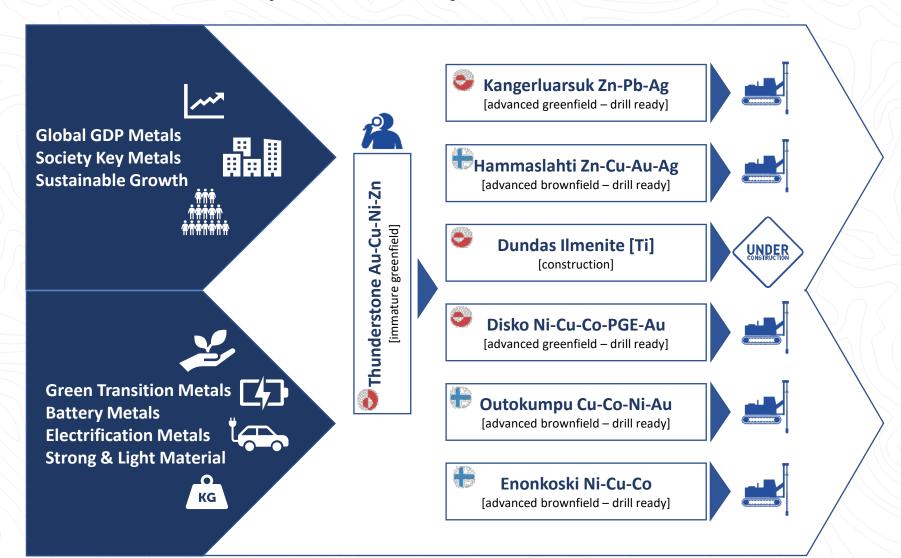
- A European mineral region with a wellestablished and transparent regulatory environment.
- Geological studies highlight the potential of this large, highly prospective but underdeveloped country.
- Greenland is a low-risk, pro-mining and stable jurisdiction.
- Strategically located with access to North America & European markets.
- Demand for high ESG standards in operations.
- Increasingly recognised as one of the last resource-rich frontiers with a very high geological potential and potential for tier-1 mineral deposits.

FINLAND

- A European mineral region with a long mining tradition, transparent, low-risk, pro-mining, stable.
- Former and active world-famous mining districts with untapped prospectivity for new resources in old districts – large amount of available data.
- Well-developed service industry, easily accessible.
- Strategically located with access to European markets.
 - Demand for high ESG standards in operations.
 - A resource-rich region being rediscovered; a historical mining jurisdiction overlooked for some time but now reemerging.

Tapping into Global Trends & Needs - Commodities for the Future -

Unique Diverse Project Portfolio



Highest Environmental, Social and Governance Standards

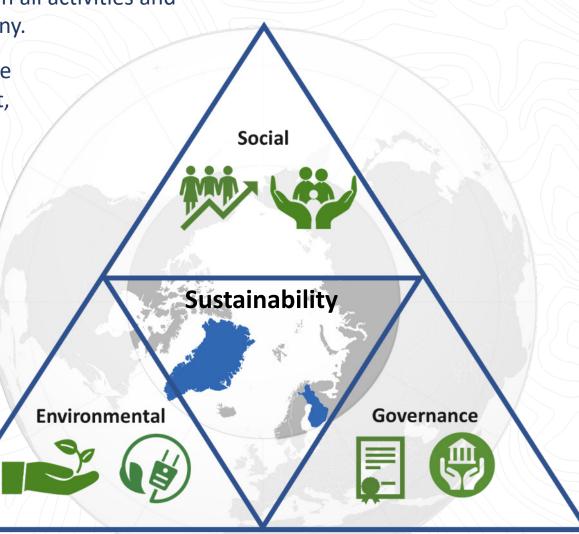
Sustainability is a guiding principle in all activities and operations across the entire Company.

 Attain goals responsibly and with the greatest respect to the environment, local communities and culture.

 Committed to attaining operational targets in the most sustainable and environmentally friendly way possible.

 Create sustainable, beneficial and lasting developments and value for shareholders and stakeholders.

 Profound anchoring, involvement and experience within areas of operations.





Offtake of Dundas ilmenite concentrate secured

Master Distribution Agreement reached with Asian conglomerate for up to 340,000 tonnes per annum of Dundas ilmenite

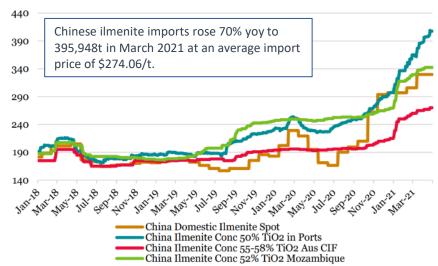
- Large, long established Asian Conglomerate with global interests in Commodity Trading & Industry.
- Agreement signed for up to a maximum 340,000 tpa; a minimum of 250,000 tpa.
- The Agreement's upper amount equates to 80% of planned full annual output at Dundas.
- The Agreement is for an initial period of five years from commencement of commercial production at Dundas and can be renewed every 12 months. This agreement endorses the quality of, and the demand for, the Dundas ilmenite product.
- Bluejay are continuing offtake discussion to cover the remaining scheduled annual production; a continued effort.

Dundas Ilmenite Market & Customer Sample Programme

• Existing successful Dundas ilmenite market & customer sample programme continues with Master Distribution Agreement Partner and other potential offtake partners.

Strong ilmenite market

Ilmenite price strength continues in 2021 (US\$/t)





2019: Trial-shipment of 42.000 tons of high-grade ilmenite sand for pilot processing and Dundas ilmenite market & customer sample program.

From: <u>Hannam and Partners Equity Research 24/05/2021</u> – based on Bloomberg data. Dundas PFS base case use ilmenite concentrate per tone @ US\$232.

Summary Financials

	Internal Rate of Return	NPV5	Life of Mine	Undiscounted net profit
Base Case	32.8%	US\$83.1M	9 year	US\$153.1M
Expanded Case	34.0%	US\$130.7M	11 year	US\$247.2M

- US\$245M estimated capital expenditure ('CapEx') for mining, processing etc.
 - Inclusive of mining, processing, storage of dried finished product and a near shore direct ship loading facility as well as balance sheet management to account for shipping windows (4 months per year).
 - Production of 440,000t of ilmenite concentrate per year.
- JORC Compliant Ore Reserve of 67.1Mt at 7.3% ilmenite in-situ (equal to mean grade of 3.45% TiO2) from within the Project area only.
 - The cut-off grade used to report the Ore Reserve, assumes a selling price of US\$232/t, all in sustaining C3 cost of OPEX US\$113/t, Greenland royalty of 2.5% and total TiO2 recovery of 79.7%.
- PFS Base Case for 9 year mine-life; Expanded Case with 11 years of mine-life takes into account additional adjacent resources.
 - Base case represents the Project economics based on exploiting the current JORC Indicated Mineral Resource (defined by SRK, 11th December 2018).
 - Expanded Case represent the Project economics based on exploiting the current Indicated and Inferred Mineral Resources as defined by SRK in its Mineral Resource Estimate (dated 11th December 2018).
- Proforma: EBITDA USS 52.3M
 - Proforma revenue of US\$ 102M per year (440,000t at US\$ 232 per ton FOB ilmenite concentrate); OPEX US\$ 113/t.

Key-metrics are largely determined by ilmenite price, mine-life and CAPEX/OPEX

- For each US\$5/t increase in ilmenite pricing translate into +\$2.2M of revenue.
- Mine-life anticipated to be extended by additional onshore and offshore Exploration Targets.
- CAPEX & OPEX savings anticipate by optimization and final design work.

World Class JORC Resource & Upside Potential

Classification	Location	Tonnes (kt)	>5mm (%)	>2mm (%)	<63μm (%)	THM (%)	In-Situ TiO ₂ (%)
Indicated	Moriusaq	88,000	27.5	36.1	4.2	27.0	3.1
	Iterlak East	19,500	15.3	24.0	12.8	22.2	2.2
	Iterlak West	4,800	23.2	32.4	13.8	11.9	1.0
	Total Indicated	112,300	25.2	33.9	6.1	25.5	2.8
Inferred	Moriusaq	5,000	15.7	23.0	5.7	34.2	4.4
	Total Inferred	5,000	15.7	23.0	5.7	34.2	4.4
TOTAL MINERAL RESOURCE		117,300	24.8	33.4	6.1	25.9	2.9

Current JORC Mineral Resource of 117Mt at 6.1% ilmenite in-situ. JORC Compliant Ore Reserve of 67.1Mt at 7.3% ilmenite in-situ.

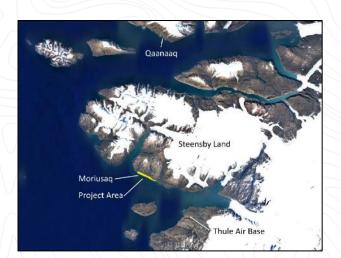
In addition:

- JORC Compliant Maiden Offshore Exploration Target of between 300-530Mt of ilmenite (shallow marine outside onshore Project area)
- Onshore exploration targets within the current Project area.
- Additional regional onshore and offshore targets are present:
 - The Geological Survey of Denmark and Greenland (GEUS) estimated ilmenite tonnages liberated from the Steensby Land Sill Complex regional in southern Steensby Land to be 7,000Mt ilmenite – with between 500Mt to 1,100Mt ilmenite at the greater Dundas Ilmenite Project area alone.

Next mine in Greenland

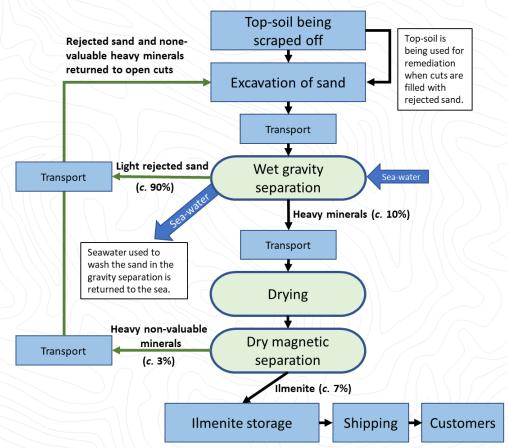


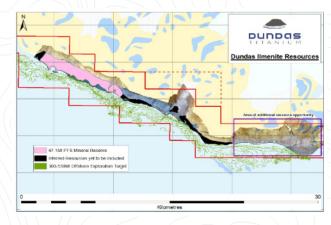
- Fully permitted Exploitation License granted for 30 years.
- Simple mining and processing of black heavy mineral-sand rich in ilmenite (FeTiO₃) from onshore uplifted beaches in a 12 km × up to 1.5 km areas of the south coast of Steensby Land, Northwest Greenland.
- Excavating sand, extract ilmenite by gravity & magnetics returning 93%
 of the sand back to its original place.
- 440,000 tonnes of ilmenite concentrate shipped by 11 bulk-carriers in a 4 months open-water window.

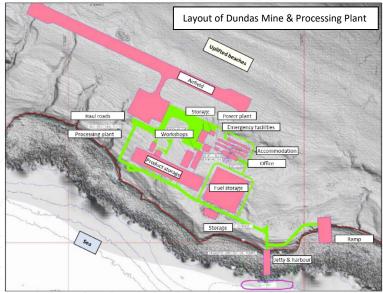




Basic Mining & Processing









Simple and proven:

- Excavation
- Easy transport
- · Simple screening
- Wet gravity plant
- Dry magnetic plant
- Bulk-carrier to market (11 ships per year)



Low environmental impact:

- No chemicals, no crushing, no liberation
- No tailings or waste; natural products rejected sand
- Return as back-fill in excavated open pits(90%)
- Easy remediation



Planned scenario:

- · Onshore mining
- All year production
- 440,000 tonnes of ilmenite concentrate per year
- 4 months shipping window
- 120 employees on-site
- All scalable



Options & future add-ons:

- Light-rail haulage solution for transport
- Electrification
- Alternative renewable power (wind and/or solar)
- Processing new innovative technologies for drying

Feasibility Study

Total Capital Expenditure of <u>US\$245M</u>

- <u>Includes all</u> mining, processing, storage of dried finished product, near shore direct ship loading facility and contingency as well as sufficient reserves for balance sheet and cash flow management between shipping windows.
- Further design and option studies for significant CAPEX and OPEX savings anticipated.
- <u>Highly conservative</u> approach to CAPEX and OPEX; CAPEX inflated by 20% as a 'Greenland factor'.
- Revenue to Cost Ratio ('R:C') is 2.01. This is significantly above an R:C of 1.7 which is considered a minimum metric by leading industry consultants for new projects to be brought online.

Feasibility Study

- JORC Compliant Mineral Reserve of 67.1Mt out of the JORC Resource of 117.3Mt.
- The cut-off grade used assumed a <u>selling price of US\$232/t</u>, all in sustaining <u>costs of US\$113 per tonne of ilmenite produced</u>, Greenland royalty of 2.5% and total titanium dioxide recovery of 79.7%.

Advanced Project Financing

 Advancing dialogue with commercial banks, financial institution and export credit agencies on syndicate for project financing including related due diligence and sign-off of DFS.

Cost Breakdown

Total direct costs of \$143,030,426:

- \$24,360,000 for mining
- \$57,695,044 for processing
- \$60.975.382 for infrastructure

Cost Category	Mining (US\$M)	Processing (US\$M)	Infrastructure (US\$M)	
Earthworks & General Services	0.360	6.217	2.449	
Civils & Buildings		15.067	15.258	
Structural		8.465	3.776	
Platework		1.743	2.302	
Mechanical	24.000	13.884	22.102	
Electrical & Instrumentation		3.951	7.587	
Piping & Valves		2.807	2.809	
First Fills & Spares			0.121	
Vendor Representatives		0.180	0.084	
Contingency	1.1	1.2	2.18	
Total	24.360	57.695	60.975	

Total indirect costs for the project are: \$87,333,001

Cost Category	Indirect Cost (US\$M) Percentages of Total				
	(==,)	Direct Cost			
Owner's Costs	3.712	2.6%			
Engineering & Procurement	9.717	6.8%			
Construction Management Costs	5.503	3.8%			
Vendor Reps, Spares & First Fills	5.240	3.7%			
Indirect Construction Costs	18.156	12.7%			
Indirect Contractors Costs	3.475	2.4%			
Freight, Duty & Taxes	19.463	13.6%			
Insurances	1.360	1.0%			
Contingency & Escalation	20.705	14.5%			
Total	87.333	61.1%			

Cost per Tonne Operating Costs (OPEX)

Discipline	Cost (US\$) per tonne of ROM	Cost (US\$) per tonne of Ilmenite		
Mining	2.63	44.45		
Processing	1.82	30.80		
Infrastructure, Services and G&A	2.23	37.56		
Total	6.68	112.81		

Dundas Milestones



Advanced discussions on project financing and related due diligence process including sign-off on optimisation option studies (reduced OPEX/CAPEX) and updated feasibility.

Commence of Procurement and Construction at Dundas.



Fully Permitted: Exploitation Licence granted by Government of Greenland – for 30 years with possibilities for extending the licence. **Exploitation & Closure Plans approved** – last political approval.



Master Distribution Agreement secured – offtake of up to 350,000 tonnes ilmenite concentrate per year with a minimum of 250,000 tonnes.



Highest Standard Environmental Assessment studies carried out and EIA approved by Government of Greenland; low impact on environment.



Social Impact Assessment studies carried out and SIA approved by Government of Greenland; beneficial for local communities, provide developments to Greenland/Arctic.



Public Consultation Process – strong local support from communities; licence to operate. **Impact Benefit Agreement** signed – ensure mutual benefit, social sustainability and collaboration.



Advanced Pre-Feasibility Study – economical and technical viability certified; mine, processing and infrastructural plans, product assessment and marketing, economy, etc.



Trial-shipment and pilot demonstration plant – processing confirmed, trial shipment successful, customer sample programme continues.

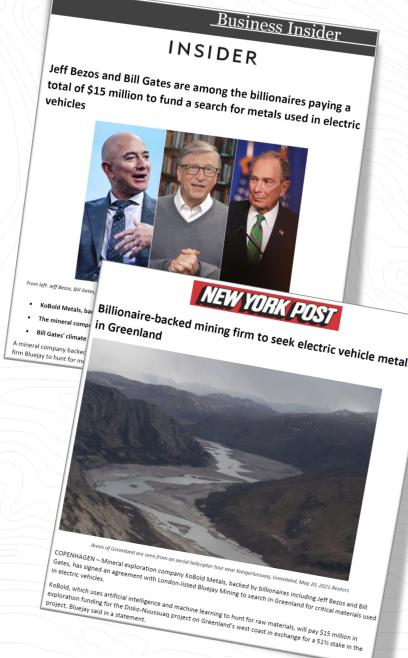


Disko Ni-Cu-Co-PGM-Au Project - Joint-Venture Agreement with KoBold Metals -



JV with KoBold Metals – highlights:

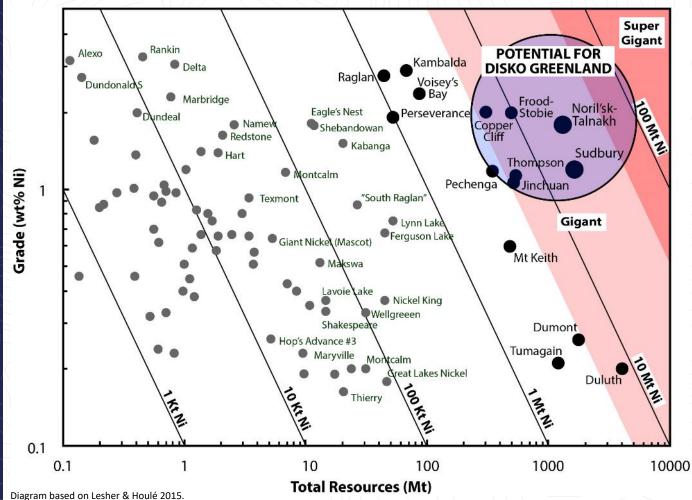
- Principal investors in KoBold include Breakthrough Energy Ventures, a climate & technology fund, overseen by Bill Gates, and whose investors include Michael Bloomberg, Jeff Bezos, and Ray Dalio. Other investors in KoBold include Andreessen Horowitz, the premier Silicon Valley venture capital fund and Equinor, the Norwegian state-owned multinational energy company.
- Under the terms of the Agreement, KoBold can earn 51% of Disko through a two-stage earn-in totaling US\$ 15M of investment – including at least a minimum of US\$ 11.6M drilling commitment/15 exploration drill holes.
- Bluejay can maintain a 49% interest through proportionate funding of the project after earn-in period and will manage field operations during this period.
- KoBold in-house developed machine learning and artificial intelligence data technologies, TerraShedSM and Machine Prospector®, have been built from scratch by alumni of top Silicon Valley software companies to guide.



Disko Ni-Cu-Co-PGM-Au Project - Tier 1 world class potential -

- The source supplying the green energy transition and battery metal demand -

Potential for Disko – at least 12-16Mt of nickel –

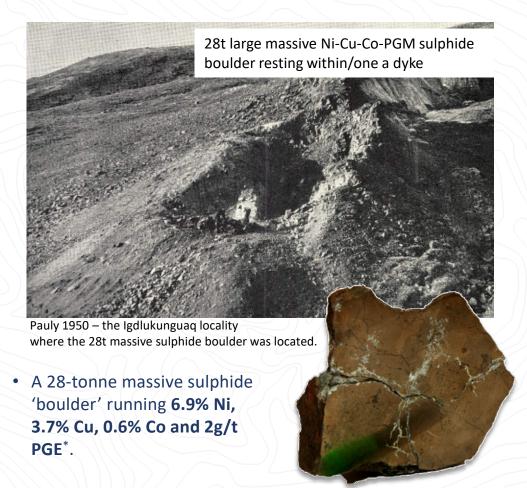


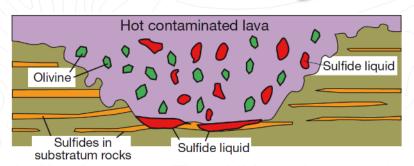
- Geologically demonstrable that at least 12-16Mt of nickel awaits to be found**; a giant nickel-copper deposit/district in the making.
- Checks all boxes for the settings and formation of large nickel-copper sulphide mineralisation.
- Similarities to Norilsk Nickel-Copper Mining District – which have an inground value of US >\$1.4 Trillion[¤].
- Drill-targets confirmed by multiple datasets.
- 28t massive sulphide 'boulder' running 6.9% Ni, 3.7% Cu, 0.6% Co and 2g/t PGM[¤].

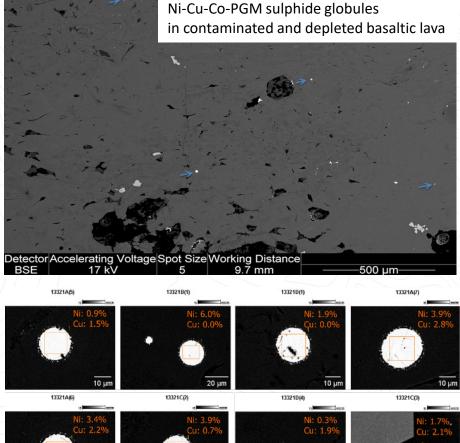
Thresholds for Giant and Super Giant is based on Laznika 2010.

^{*}Mass balance calculation by Avannaa Resources (2014); only the volcanic rock unit Kûgánguaq Mb is considered here. *Not JORC Compliant.

The smoking gun... - mineralisation processes have occurred at all scales -



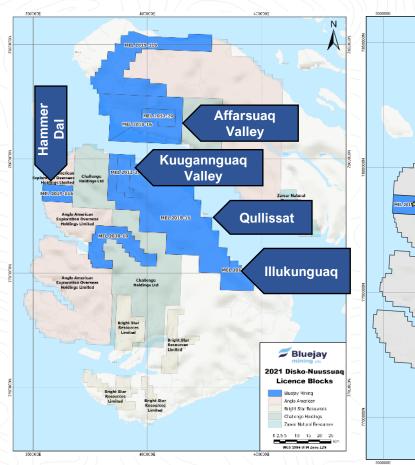


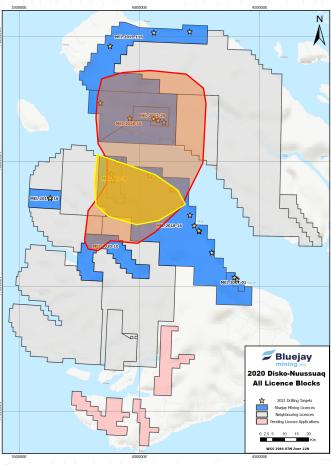


Spherical sulphide globules exsolving from silicate melt in the highly nickel depleted Kuugannguaq Mb welded tuff, which has a composition MgO 10.8wt%, FeO 9.5wt%, Ni 39ppm and Cu 18ppm. The globules themselves are highly enriched in nickel and copper (up to 6wt% and 3wt% respectively) and are representative of the exsolved sulphide melt that is now accumulated below the volcanic pile.

Disko Exploration Licence - **Significant opportunity** -

- Drill-ready targets identified.
- Confirmed in multiple datasets geological, geochemical and geophysical.
- Accessible and operational ground; drilling on targets.
- Drilling solutions and programmes ready.





Two contaminated volcanic units show significant volume:

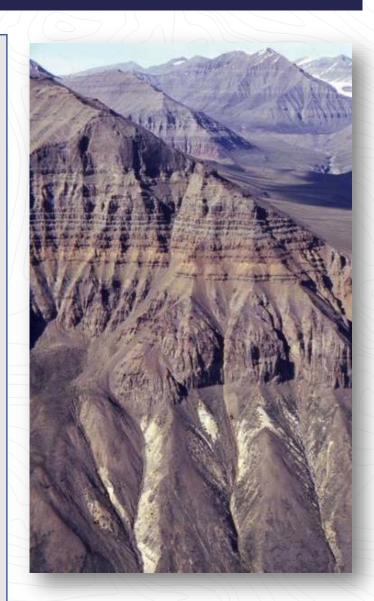
Asuk Mb. Known from northern Disko and southern Nuussuaq. Total >1,000km². Often composite dykes/lava flows (andesite/basalt). Up to 150m thick on northern Disko. Several eruption sites.

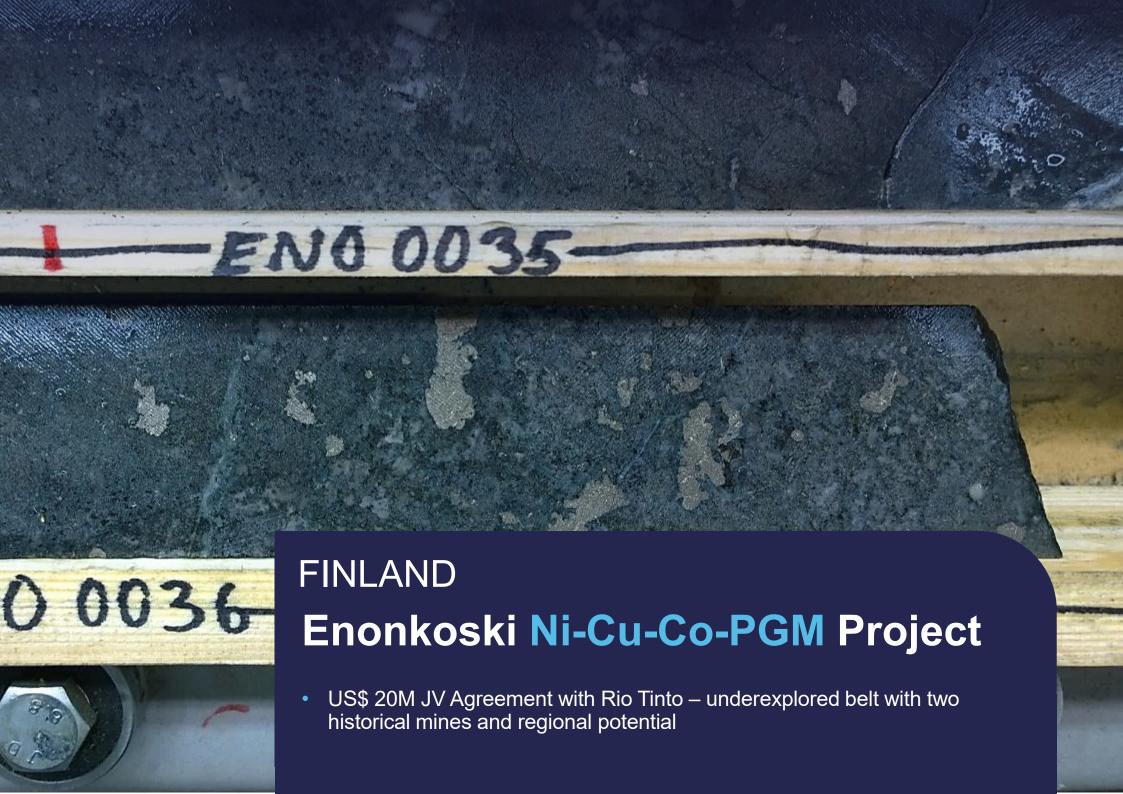
Kuugannguaq Mb. Known from northern Disko only. > 200km². Mainly basaltic lavas and tuffs. Up to 90m thick, est. vol. 7.5km³.

Disko Exploration Licence - Summary -

Funding of exploration and drilling secured through US \$15M JV with KoBold Metals:

- An unique first-mover opportunity for the discovery and development of a world-class tier 1 nickel-copper-cobalt district.
- Well-established prospective geological settings with numerous similarities to one of the largest nickel mining camps – the Noril'sk mining district.
- Mineralisation process validated and documented; depletion & sites of sulphide segregation, sulphide droplets & massive sulphides with Ni-Cu-Co-PGE-Au.
- Potential for tier 1 world-class deposit targets of at least 12-16Mt nickel are geological demonstrable.
- 35+ years of revitalised historical and new exploration data (value of at least US\$ 50M) used for definition of multiple drill-targets which are reconfirmed in multiple datasets.
- Former exploration companies reconfirmed targets and did not leave because of confidence in target; they left because of technical drilling issues (not the proper drilling solution) or lack of funding/market conditions.
- Bluejay licenced ground at Disko-Nuussuaq is accessible, workable and drillable.
- Drilling solution and campaign ready for execution.

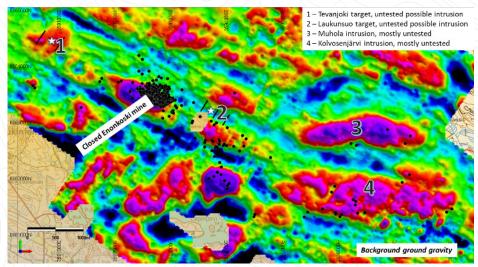


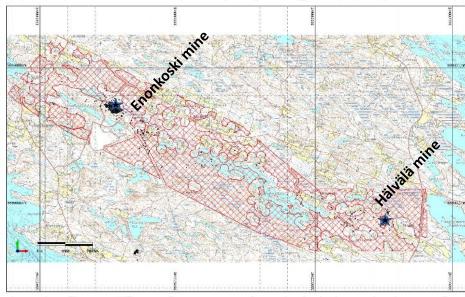


Enonkoski JV Agreement with Rio Tinto

RioTinto

- US\$ 20M JV Agreement with Rio Tinto on the Enonkoski Ni-Cu-Co-PGM Project.
- In the first phase, the world's second-largest miner could secure 51% ownership by spending \$5M by 2023 (65% @ +\$5M by 2025; 75% @ +\$10M by 2029).
- Drilling, geological, geophysical and geochemical exploration activities.
- FinnAust Mining Finland Oy (100% Bluejay) as operator.
- Enonkoski licence area covers the entire ore potential belt several drill targets identified near former mine; regional potential.
 - Enonkoski covers over 23km² of mafic ultramafic noritic rocks (prospective for Ni-Cu-PGE magmatic sulphide deposits) between and along 15km of strike.
 - Historically produced 6.7Mt at 0.78% Ni and 0.22% Cu from 1984 1994.
 - Historic intercepts of the massive ore include 32.9m at 4.09% Ni, 0.56% Cu, 0.17% Co and 19.7m at 6.12% Ni, 1.94% Cu, 0.29% Co.

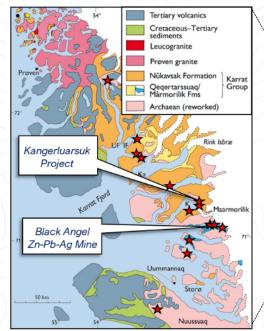




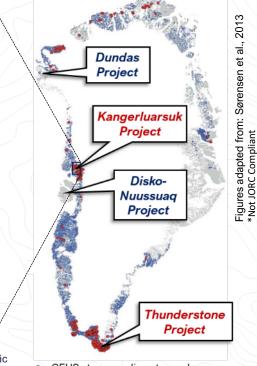


Brownfield Project in Greenland...

- The Kangerluarsuk Project consists of **two 100% owned mineral exploration licences totalling 692 km²** located
 within the Karrat Group, a major Paleoproterzoic metasedimentary basin with abundant Zn-Pb-Ag ± Cu showings.
- An area with a recent history of mining. The project is situated only 12 km north of the former Black Angel Zn-Pb-Ag mine that is acknowledged as Greenland's most profitable to date, producing 11.2 Mt @ 12.6% Zn, 4.1% Pb and 29 g/t Ag between 1973-1990*.
- Located in a geologically favourable sub-basin previously targeted by Rio Tinto Zinc (RTZ) and Cominco.
- Drill ready programme; monetisation through own development programme or JV.



The Uummannaq District, Central West Greenland showing the southern portion of the Paleoproterozoic Karrat Group meta-sedimentary basin. Stars show known Zn-Pb mineral occurrences.



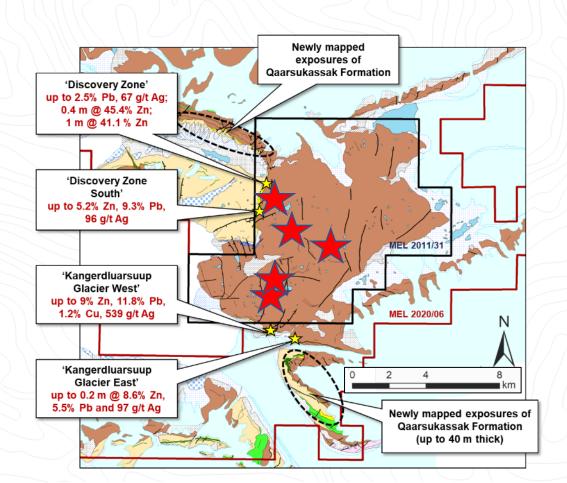
- GEUS stream sediment sample locations (n = 12027)
- GEUS stream sediment zinc> 200 ppm (n = 381)

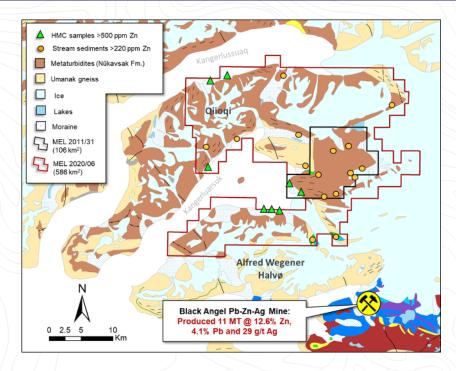


Exploration licences – upside potential...

Drill-targets - maiden programme ready for execution...

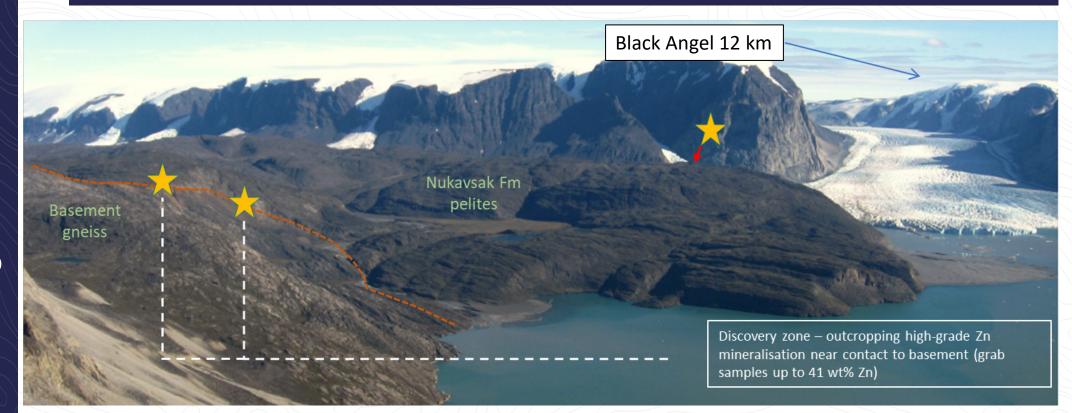
- 3D inversion and modelling of the geophysical data (EM)
 has identified multiple deep, highly conductive bodies.
- Several of the conductive bodies are coincident with the strongest surface geochemical anomalies (SGH, Soil Gas Hydrocarbons and MMI, Mobile Metal Ions).
- Combination of shallow and deeper targets.

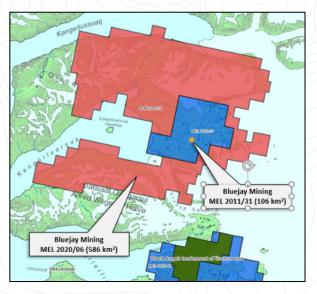




- Widespread outcropping ore-grade Zn-Pb-Ag-Cu mineralisation; surface sampling by Rio Tinto Zinc underpins the resource potential regional.
- Newly discovered exposures of Qaarsukassak Formation (the host to all known Zn-Pb-Ag mineralisation at Kangerluarsuk; inferred to correlate with the Mârmorilik Formation that hosts the former Black Angel mine) further increases prospectivity of Bluejay's licence areas.

Kangerluarsuk – ready for drilling...







Gossanous 'Discovery Zone' at Kangerluarsuk



Base Metal Projects in former Mining Districts

- Finland is a re-awoken traditional mining jurisdiction the European-continent's stable resource supply.
- All permissive exploration ground have been taken. Bluejay is first-mover and one of the largest area holders in East Finland. Easy exploration, all-year around operation.
- In-house Bluejay expertise; excellence in operation, strongest JV partners lots of interest in portfolio.

Outokumpu Cu-Ni-Co-Zn-Au-Ag Project

- Unique Outokumpu-type targets; high-grade, wanted multi-commodity basket, worthy of re-exploring and developing.
- Licences surround several former high-grade mines. Wealth of data; proven potential but lacked modern reassessment. New drill-targets established.
- Drill ready programmes. Monetization through own development programme or JV.

Hammaslahti Cu-Zn-Au-Ag Project

- VMS-/Sediment-hosted targets; high-grade esp. Cu.
- Former mine between 1971-1986.
- Wealth of data; proven potential but lacked modern reassessment and new drilling. Drill ready programmes. Monetization through own development programme or JV. RioTinto

Enonkoski Ni-Cu-Co-PGE Project

- Activities funded through US\$ 20M JV w. Rio Tinto.
- Former mine between 1984-1994.
- Differentiated gabbro-intrusion-hosted Ni-Cu-Co-PGM targets; wealth of data. Ongoing work programme.

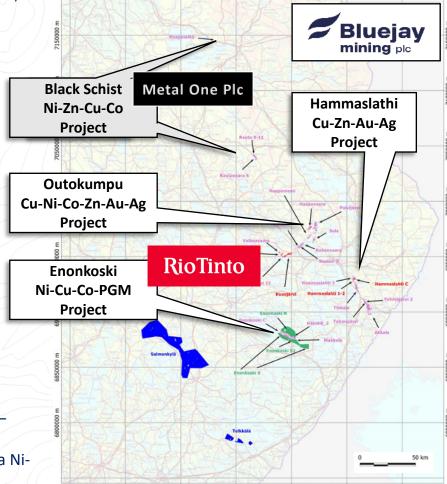
Black Shales Ni-Zn-Cu-Co Project - divestment

Metal One Plc

• Partial divestment of Finnish Black Shale Assets; £4M sell to Metal One Plc -Bluejay representation; Metal One to fund activities.

 Rautavaara and Paltamo areas with analogies and proximity to the Talvivaara Ni-Zn-Cu-Co mine. Work programme commencing.

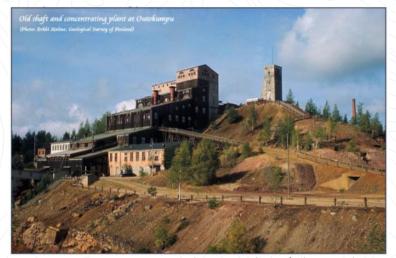
South-eastern part of Finland





Unique, high-valued and in-demand commodity basket –

- Famous and unique Cu-Ni-Co-Zn-Au-Ag ore type no comparative deposits elsewhere; brownfield lacking modern assessment.
- The unique Outokumpu ore is worthy exploring for:
 - Copper is very high with credits from relative high Co, Zn, Au, Ni and Ag.
 - Very high commodity basket; between 5.9 to 11.1 AuEq over 1.9m to 9.3m.
 - A diversified commodity basket provide a resilient value proposition.



First modern mass production facility at Outokumpu hill 1928. Source: www.outokumpu.com

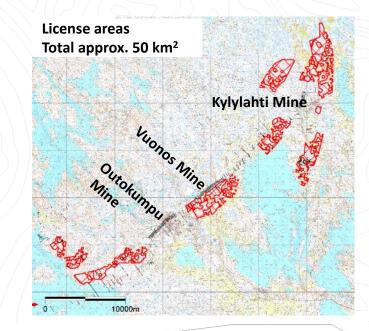
Intercepts on Outokumpu Belt

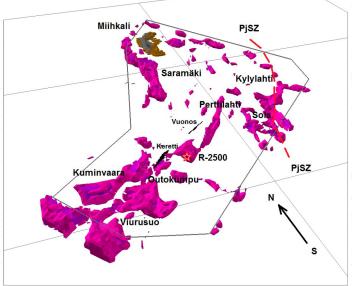
Drillhole id	Mine	Width [m]	Cu [wt.%]	Zn [wt.%]	Ni [wt.%]	Co [wt.%]	Au [g/t]	Gold Equivalent [AuEq]
OKU-3	Outokumpu Mine	9.3	6.2	n.a.	n.a.	n.a.	n.a.	11.1
DDH 75A	Outokumpu Mine	2.3	2.3	2.7	0.08	0.16	0.4	7.5
DDH 74A	Outokumpu Mine	2.2	2.2	1.5	0.09	0.16	0.5	6.8
DDH 30A	Outokumpu Mine	2.9	2.9	1.2	0.05	0.25	0.7	8.7
DDH 73A	Outokumpu Mine	3.4	3.4	0.4	0.03	0.26	0.9	9.4
DDH 407	Vuonos Mine	3.3	3.3	8.0	0.29	0.23	n.a.	9.0
DDH 223	Vuonos Mine	1.9	1.9	1.4	0.17	0.31	n.a.	7.0
DDH 221	Vuonos Mine	3.0	3.0	1.2	0.23	0.25	n.a.	8.6
DDH 808	Kylylathi Mine	2.8	2.8	n.a.	n.a.	0.33	n.a.	7.5
DDH 809	Kylylathi Mine	2.1	2.1	n.a.	n.a.	0.28	n.a.	5.9
DDH 796	Kylylathi Mine	3.0	3.0	n.a.	n.a.	0.54	n.a.	9.5

Note: Historical drill intercepts. AuEq calculated according to metal prices 11/05/2021 at Cu 10,579 US\$/t, Zn 3,021 US\$/t, Ni 18,042 US\$/t, Co 45,180 US\$/t, Au 59 US\$/t, Ag 0,88 US\$/t. Nor JORC compliant data or calculation.

Outokumpu – one of the world's most prolific geological belts –

- The Outokumpu Belt is one of the world's most prolific geological belts.
- Hosts multiple high-grade deposits including the world famous Outokumpu copper mine.
 - Two former mines, Outokumpu Cu-Ni-Co-Zn-Au-Ag Mine and Vuonos Cu-Ni-Co-Zn Mine, have produced a total of approximately 34.4Mt of ore at average grades of 3.6% copper, 1.2% zinc, 0.22% cobalt and 0.1% nickel between 1914 and 1988*.
 - The **Kylylahti Cu-Co-Zn Mine**. Commenced production in 2012. Closed operation in 2020. Total ore of 6.1Mt at 1.2% Cu, 0.2% Zn, 0.1% Co and credits from Au and Ag.
 - In addition, eight already known smaller unmined deposits (0.1 to 3.4Mt)*.
- The total historical and current ore reserves and resources of the Outokumpu belt are approximately 44Mt @ 3.1% Cu, 1.1% Zn, 0.2% Co and 0.1% Ni*
- High potential wealth of data; modern processing → new targets for drilling.
 - Reassessment have resulted in several new drill targets; new governmental research.





http://tupa.gtl.fi/julkajeu/enogialnanor/en 050 nagge 015 020 ndf



Brownfield district - no competition, Bluejay have monopoly...

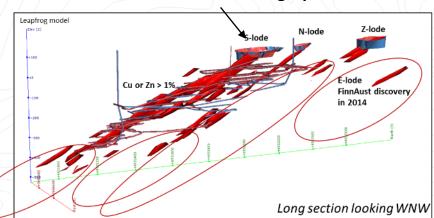
- Hammaslahti Cu-Zn-Au-Ag Mine in operation as open pit and underground 1971 to 1986.
- 7Mt of ore @ 1.1% Cu and grades of Zn, Ag and Au; strategic corporate decision to stop mining at underground level 500m
- Mine site approximately 35km southeast of the City of Joensuu in East Finland.
- Excellent infrastructure main road and railroad close to the old mine; easy drilling access (forest roads), nearby service providers, no protected areas close to the mine.

Results - summary

- Extensions of historical ore lodes have been proven.
 - Best intercept 15m from 536m @ 3.05% Cu, 0.13% Zn, 14.39 ppm Ag, 0.77 g/t Au (0.2% Cu cut off) including 3.4m @ 11.51% Cu, 0.44% Zn, 53.43 ppm Ag, 3 g/t Au (1.0% Cu cut off).
- In 2015 FinnAust discovered a new ore lode (E-lode) directly east of the old decline.
 - Discovery hole 8.65m @ 2.15% Cu, 1.97% Zn, 47.46 ppm Ag, 0.5 g/t Au from 194.35 (0.2% Cu cut off) including 4.7m @ 3.65% Cu, 3.17% Zn, 81.13ppm Ag, 0,88 g/t Au (1.0% Cu cut off).
- Several ore potential, sulphide-rich contact zones have been intercepted close to the old mine – these zones might represent repetitions of the historical ore lodes.
 - ✓ All targets require follow-up drilling; drill programmes ready.
 - ✓ Additional upside also from multiple untested regional exploration targets in the centralsouthern parts of the belt, highlighted by high-grade Cu-Zn-Pb-Au-Ag outcrops and boulders.



Hammaslathi Cu-Zn-Au-Ag Open Pit

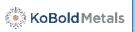


Exploration and development company with a premium project portfolio in Greenland & Finland

Dundas (ilmenite sands - titanium)



- Large-scale mineral sand project awaiting mine construction and commencement of production.
- Fully permitted 30-year Exploitation Licence granted.
- Certified EIA & SIA to highest ESG standards.
- Offtake Agreement signed for up to 340,000 tpa (80% of planned annual production).
- Advanced discussion on project financing.



Disko-Nuussuag (Ni-Cu-Co-PGM-Au)

- Potential to host a new world class nickel deposit – analogues to Noril'sk Nickel District.
- District-scale polymetallic multiple targets over 2,776km² licence area – potential for world-class deposits.
- Drill ready targets with 30-year detailed historical dataset; massive nickel-sulphides runs 6.9% Ni, 0.6% Co, 3.7% Cu, 2g/t PGM*.
- US \$15M JV with KoBold Metals on exploration & drilling activities.

Kangerluarsuk (Zn-Pb-Ag-Cu)

- Targeting sediment-hosted Zn-Pb-Ag ± Cu deposits.
- 692km² licence adjacent to the former high-grade Black Angel Zn-Pb-Ag mine (produced 11.2 MT @ 12.6% Zn, 4.1% Pb and 29 g/t Ag)*.
- Drill-ready targets; drill programme ready.

Thunderstone (Au and base metals)

Listed on London AIM ('JAY')

US OTC ('BLLYF') and Frankfurt

('S5WA') Exchanges.

Current Market Capitalisation of

c. £120M GBP

 Regional scale licence (2,555 km²) – true greenfield region; 1st phase completed.

Strong institutional backing & Greenlandic & Danish Government backed institutional investors











SAND GROVE

Enonkoski (Ni-Cu-Co-PGM)

RioTinto

- Bluejay licences cover entire prospective belt that hosts two former Ni-Cu mines.
 - Historic drill intercepts include: 32.90m @ 4.09% Ni, 0.56% Cu, 0.17% Co and 19.70m @ 6.12% Ni, 1.94% Cu, 0.29% Co.
 - US \$20M JV with Rio Tinto.
 - Drilling activities ongoing.

Outokumpu (Cu-Co-Zn-Ni-Ag-Au)

- Bluejay licences cover the majority of the Outokumpu copper belt, a prolific mining district.
- Several former high-grade mines entire Outokumpu Belt produced 44Mt @ 3.1% Cu. The Outokumpu (Keretti) and Vuonos Mines produced combined 34.4 Mt @ 3.6% Cu*.
- New near-mine and along strike targets; drill ready.

Hammashlathi (Cu-Zn-Au-Ag)

- High-grade VMS mineralisation. Bluejay licences cover entire prospective belt.
- Former open-pit & underground mine produced +10 Mt @ 1.16% Cu, 1.55% Zn, 0.59 g/t Au and 5.2 g/t Ag between 1973-86*.
- Extensions to the mined orebody demonstrated by recent drilling, and several near-mine geophysical targets. Drill ready.

Black Shales Project (Ni-Zn-Cu-Co)

Metal One Plc

- Partial divestment of Paltamo and Rautavaara projects in Finland to Metals One plc - cash and shares of US \$5.5M.
- Bluejay will appoint the technical director to the board.



Skilled Board, Management & Consultancy teams. Strong experienced in-country resources, develop and operational expertise

linked with business and commodity market expertise.



March 2018: Prospector and Developer of the Year 2017 by Government of Greenland

High ESG Standards

Trusted local partner





Bo Møller Stensgaard

Managing Director, CEO bms@bluejaymining.com

Rod McIllree

Executive Chairman rod@bluejaymining.com

Kevin Sheil

Corporate Development & Strategy kevin@bluejaymining.com