

Cautionary Disclaimer Regarding Forward-Looking Statements and Information



Certain information in this presentation constitutes forward-looking statements under applicable securities law. Any statements that are contained in this presentation that are not statements of historical fact may be deemed to be forward-looking statements. Forward-looking statements are often identified by terms such as "may", "should", "anticipate", "expect", "intend" and similar expressions. Forward-looking statements in this presentation include, but are not limited to, statements relating to the 2024 Resource Estimate; plans and expectations regarding the 2025 exploration program; plans and expectations regarding future project development; growth potential and future financial or operating performance; timing of key catalysts; planned activities, including further drilling, at the North Island Project; anticipated mine life and exploration potential and activities at the North Island Project; timing and movement, if any, from Phase 1 into Phase 2; Northisle's ability to secure the permits and authorizations needed to construct and operate the North Island Project in a timely manner, if at all; plans and timing surrounding current and future baseline studies; ongoing support of the key stakeholders, including Quatsino, the Tlatlasikwala and the Kwakiutl; and the Company's plans for advancement of the North Island Project. Forward-looking statements necessarily involve known and unknown risks, including, without limitation, Northisle's ability to implement its business strategies; risks associated with mineral exploration and production; risks associated with general economic conditions; adverse industry events; stakeholder engagement; marketing and transportation costs; loss of markets; volatility of commodity prices; inability to access sufficient capital from internal and external sources, and/or inability to access sufficient capital on favourable terms; industry and government regulation; changes in legislation, income tax and regulatory matters; competition; currency and interest rate fluctuations; and other risks. Readers are cautioned that the foregoing list is not exhaustive. Readers are further cautioned not to place undue reliance on forward-looking statements as there can be no assurance that the plans, intentions, or expectations upon which they are placed will occur. Such information, although considered reasonable by management at the time of preparation, may prove to be incorrect and actual results may differ materially from those anticipated. Forward-looking statements contained in this presentation are expressly qualified by this cautionary statement. The forward-looking statements contained in this presentation represent the expectations of management of Northisle as of the date of this presentation, and, accordingly, are subject to change after such date. Northisle does not undertake any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as expressly required by applicable securities law.

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This presentation refers to various alternative performance (non-GAAP) measures. Non-GAAP measures do not have standardized meanings under GAAP. Accordingly, non-GAAP measures should not be considered in isolation or as a substitute for measures of performance prepared in accordance with GAAP. For more information, readers should refer to Northisle's press release dated February 19, 2025, and to the technical report which will be filed within 45 days of that date.

lan Chang, P.Eng., Vice President Project Development of Northisle, and Robin Tolbert, Vice President Exploration, each a Qualified Person as defined by National Instrument 43-101, have reviewed and approved the scientific and technical disclosure contained in this presentation.

2025 North Island Project PEA

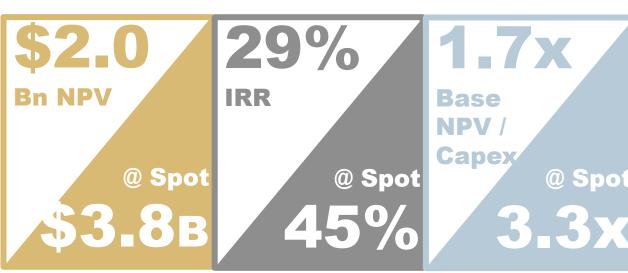
Generational Project in a Historic, 35km Porphyry District





Exceptional Economics and Return

High Leverage to Gold and Copper Production





Phased Development Low Initial Capital Intensity



Fully Funded Exploration Program to Unlock District





The 2025 Preliminary Economic Assessment ("PEA") is preliminary in nature and includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would allow them to be categorized as mineral reserves and there is no certainty that the preliminary economic assessment will be realized. 2025 PEA: US\$4.20/lb Cu, US\$2,150/oz Au, US\$21.00/lb Mo and US\$1,950/kg Re with a 0.74 CAD:USD FX Rate. NPV calculated using a 7% discount rate. Spot Prices as of February 11, 2025: US\$4.67/lb Cu, US\$2908/oz Au, US\$21/lb Mo and US\$2,417/kg Re with a 0.70 CAD:USD FX Rate. NPV calculated using a 7% discount rate.

calculated using a 7% discount rate. Spot Prices as of February 11, 2025: US\$4.67/lb Cu, US\$2908/oz Au, US\$21/lb Mo and US\$2,417/kg Re with a 0.70 CAD:USD FX Rate. NPV calculated using a 7% discount rate.

TSXV: NCX | OTCQX:NTCPF

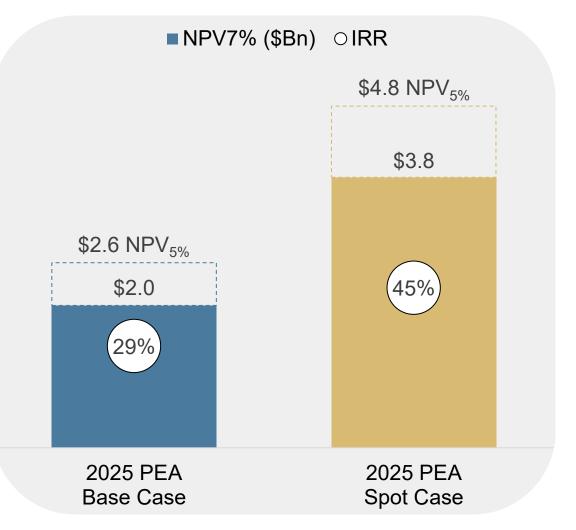
North Island Projects Gets Better and Better





PEA Scenario	2025 PEA Phase 1 Base Case ¹	2025 PEA LOM Base Case ¹	2025 PEA Spot Price ²		
NPV 7% (after-tax)	\$2.0Bi	n (7%)	\$3.8Bn (7%)		
IRR (after-tax)	29	45%			
Payback Period	1.9 y	1.4 years			
Revenue by Commodity	32% Cu + 68% Au	48% Cu + 45% Au + 7% Mo	50% Au + 44% Cu + 6% Mo		
NPV / Initial Capital	1.7	3.3X			
AISC (by-product; US\$)	\$(3.23)/lb Cu \$370/oz Au	\$0.47/lb Cu \$93/oz Au	n/a		
AISC (co-product; US\$)	\$1.83/lb CuEq \$938/oz AuEq	\$2.41/lb CuEq 1,232/oz AuEq	n/a		
Initial Capital Cost		\$1.1Bn			

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The 2025 Preliminary Economic Assessment ("PEA") is preliminary in nature and includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would allow them to be categorized as mineral reserves and there is no certainty that the preliminary economic assessment will be realized. AISC is an alternative measure that is widely used in the mining industry as a benchmark for performance but does not have standardized meanings under GAAP. Calculation may differ from that used by other companies with a similar description.

^{1. 2025} PEA: US\$4.20/lb Cu, US\$2,150/oz Au, US\$21.00/lb Mo and US\$1,950/kg Re with a 0.74 CAD:USD FX Rate. NPV calculated using a 7% discount rate.

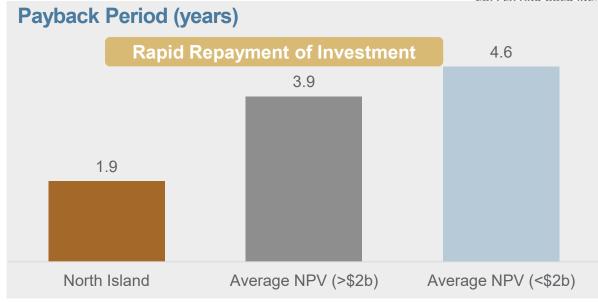
^{2.} Spot Prices as of February 11, 2025: U\$\$4.67/lb Cu, U\$\$2908/oz Au, U\$\$21/lb Mo and U\$\$2,417/kg Re with a 0.70 CAD:USD FX Rate.

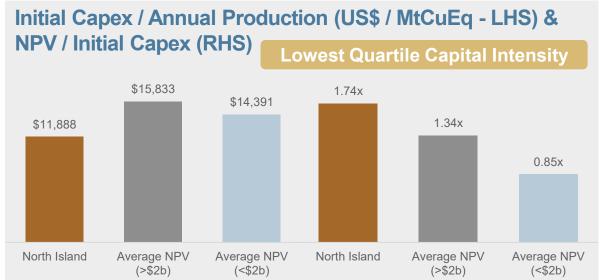
The Most Developable Copper Project Globally?





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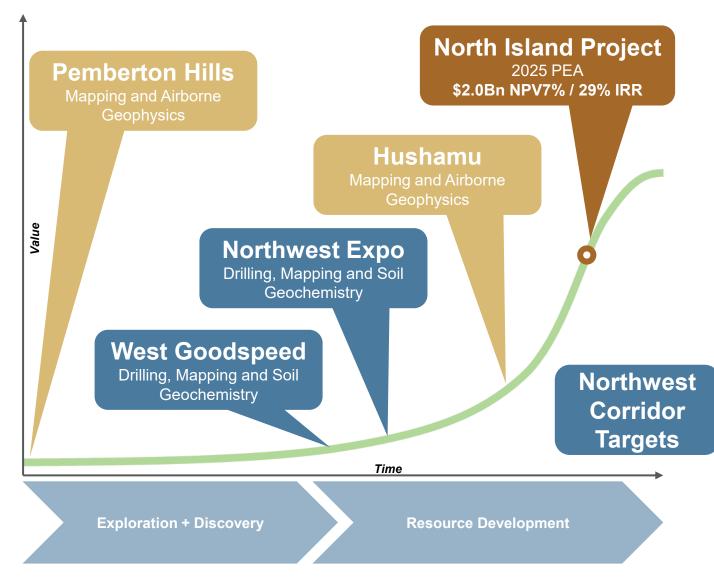
Source: Agentis Capital Mining Partners, S&P Capital IQ, company disclosure; 1) >\$2bn NPV projects include Cascabel, Vizachitas, Los Azules, Canariaco, Pebble, Cactus, Casino and Santo Tomas; 2) <\$2bn NPV projects include Santa Cruz, Costa Fuego, Copper World, Schaft Creek and Copper Creek.

Exploration Upside – The Journey Has Just Begun

Significant Value Driven by Effective Exploration



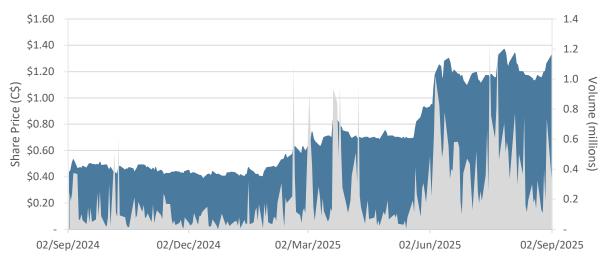
- \$7 million fully funded exploration program focused on expanding higher margin and grade Northwest corridor
- New discovery at West Goodspeed not currently in the resource
- 29-year mine plan includes only 753Mt of material of the 905Mt indicated and 214Mt Inferred resource



Northisle Gaining Momentum

NORTHISLE COPPER AND GOLD INC.

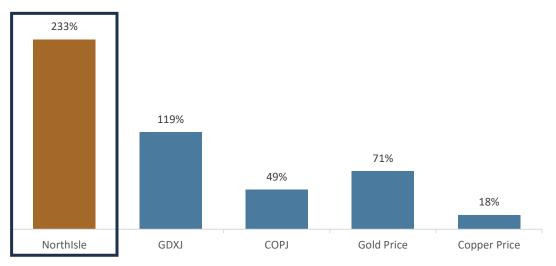
Share Price History



Capital Structure

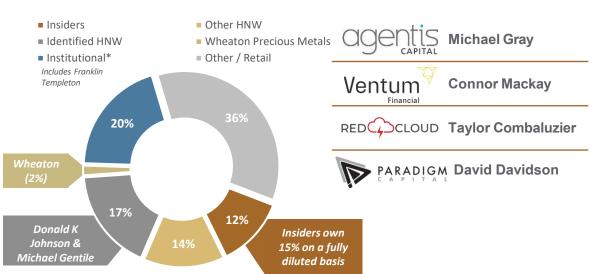
Shares Outstanding	291.8 million
Market Capitalization (C\$1.33 – September 2, 2025)	C\$388 million
52 Week Trading Range	C\$0.38 - C\$1.44
Options (C\$0.175 – C\$0.69)	10,897,233
Warrants	-
RSUs & DSUs	2,472,068
Fully Diluted	305.2 million
Cash	C\$43.0 million
Debt	-

Relative Performance – Jan 2024 to Present



Ownership

Analyst Coverage



*Management Estimate

Experienced, Effective Leadership



✓ **PROVEN TRACK RECORD** in finding and developing world class mines

✓ **OVER 200 YEARS** collective mining and capital markets experience

SUSTAINABLE APPROACH to mineral discovery and project development



Sam Lee, CFA President & CEO, Director¹

Advised on <u>+\$100 billion</u> of M&A and equity transactions over 20 years including several large porphyry projects. Recipient of King Charles III Coronation Medal.



Dale Corman Chairman, Mining Hall of Famer¹

Discovery of Penasquito through to Feasibility Sold to Glamis Gold for \$1.2 billion; Founder of Western Copper & Gold; 2022 Canadian Mining Hall of Fame Inductee



Kevin O'Kane, P.Eng Chief Operating Officer, Director¹

Spence, Cerro Colorado, Minera Escondida, Island Copper (BHP) over 37 years, Former Chief Operating Officer at SSR and director of several public miners.



Jill Donaldson, JD, ICD.D, GCB.D Non-Executive Independent Director³

Ms. Donaldson is a seasoned corporate lawyer and board director with deep expertise in governance, capital markets, M&A, and ESG, serving on multiple corporate and community boards.



Nicholas Van Dyk, CFA Chief Financial Officer & Corporate Secretary

Over 20 years of corporate finance and public company executive experience including responsibility for corporate and development, indigenous engagement, disclosure, financings, governance, and IR



Keena Hicken-Gaberria, CPA Non-Executive Independent Director^{2,3}

Over 20 years of accounting & advisory services experience in a variety of industries; North Island experience and relationships



Ian Chang, M.A.S.c, P. Eng. VP Project Development

Over 35 years of experience working on high profile mining projects around the world, and former executive of Orezone Gold Corporation, Lion One Metals, Pretium Resources, Fluor Canada, Emgold, and AMEC.

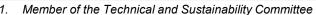


Alex Davidson Non-Executive Independent Director, Mining Hall of Famer^{1,2,3}
Leadership and contribution to multiple landmark discoveries including Lagunas
Norte, Pascua-Lama, Pierina and Veladero during career at Barrick
Director at South Pacific Metals Corp, Capital Limited, formerly Director at Pan
American Silver and Yamana Gold



Dr. Pablo Mejia Herrera, P.Geo. VP Exploration

20+ years in mineral exploration, specializing in copper, gold, and nickel. Experienced leader driving discoveries and resource growth with AI integration and modern exploration, most recently with Ero Copper.



- . Member of the Audit Committee
- 3. Member of the CGCN Committee















BC Is Open For Business for Critical Metals







20 Projects Sanctioned in BC Since Passage of Environmental Assessment Act

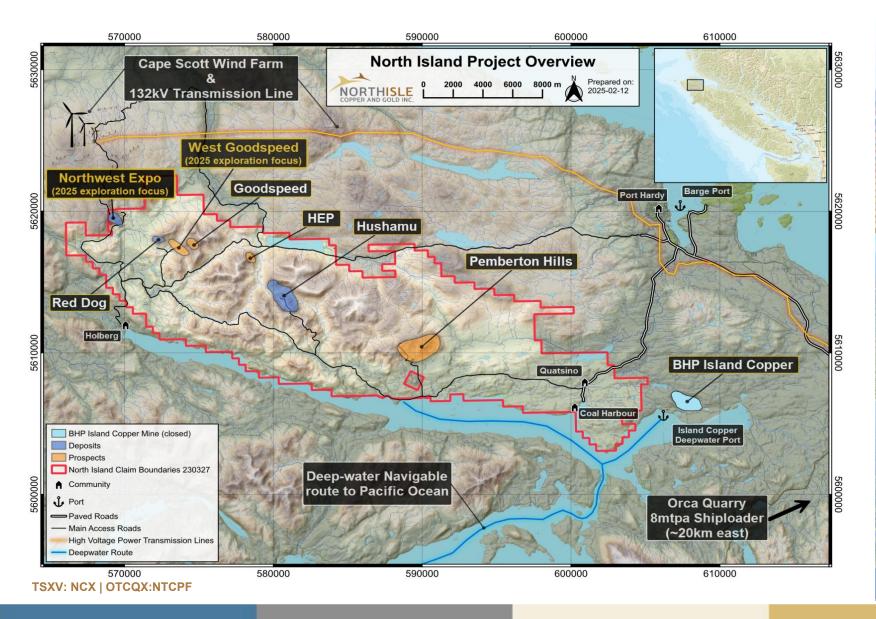


1. Outcomes for mineral mines EAs started and completed, based on date of start of EA One-Eighty Consulting Group and Northisle analysis. Sourced from EPIC: https://www.projects.eao.gov.bc.ca/

North Island – Exceptional Infrastructure

Logging and mining activity has left a legacy of roads, power and ports







2025 PEA Summary



- ✓ Robust economics
- ✓ High leverage to copper and gold
- **✓** Significant production profile
- **✓** Simple flowsheet
- ✓ Low-cost production
- ✓ High IRR & 29-year mine life
- ✓ Improved recoveries
- **✓** Premium copper concentrate
- ✓ Expansion & growth potential
- **✓** Low strip ratio

PEA HIGHLIGHTS - BASE CASE 1,2

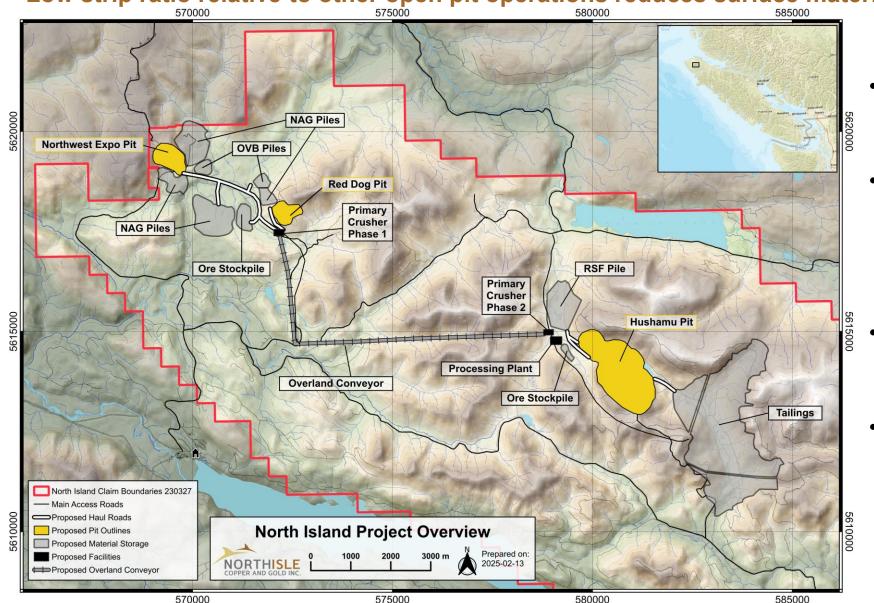
	Phase 1	LOM		
Mine Life	5	28.7		
Average Throughput Capacity (Mtpa)	14.6	26.2		
Strip Ratio (waste:ore)	1.43:1	0.81:1		
Copper Recovery	86.7	80.1		
Gold Recovery	83.1	62.3		
Annual Gold Production (kozAu)	200	137		
Annual Copper Production (MIbCu)	48	75		
Annual CuEq Production (MlbCuEq)	151	157		
Development Capital (\$m)	\$1,144	\$1,837		
Sustaining Capital (\$m)	\$325	\$1,278		
Cash Costs (US\$/Ib CuEq)	\$1.49	\$2.04		
AISC (US\$/Ib CuEq)	\$1.83	\$2.41		
AISC Margin (%)	56%	43%		
Annual Free Cash Flow (\$m)	\$357	\$199		
Payback Period	1.9 years			
After-tax IRR (%)	28.6%			
After-tax NPV _{7%} (\$m)	\$1,996			

^{1.} Base case commodity prices used in the 2025 PEA are as follows: US\$4.20/lb Cu, US\$2,150/oz Au, US\$21.00/lb Mo and US\$1,950/kg Re with a 0.74 CAD:USD FX Rate

On-site Infrastructure



Low strip ratio relative to other open pit operations reduces surface material piles



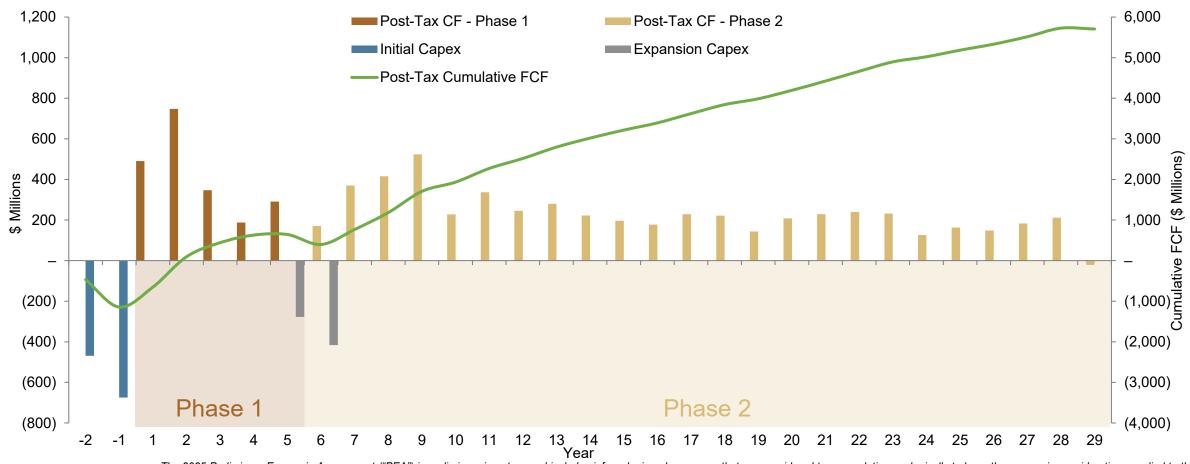
- Phase 1 operations in Northwest Corridor with conveyor to plant site adjacent to Hushamu
- Phase 1 process includes concentrate production and gold leach of flotation cleaner and rougher tails to maximize gold recovery in higher grade deposits
- Phase 2 transitions to Hushamu ore as Northwest Expo and Red Dog are exhausted
- Plant throughput doubled and flowsheet reconfigured to leach cleaner tails only from Hushamu due to lower gold grade

Two-phased Approach Lowers Initial Capital Intensity



- Phase 1 supports quick payback of 1.9 years and fully funds Phase II expansion
- \$357 million average annual cash flow in Phase 1

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Value Added Exploration – High Grade = High Margin

\$7 million 2025 budget focused on high leverage additions within PEA footprint



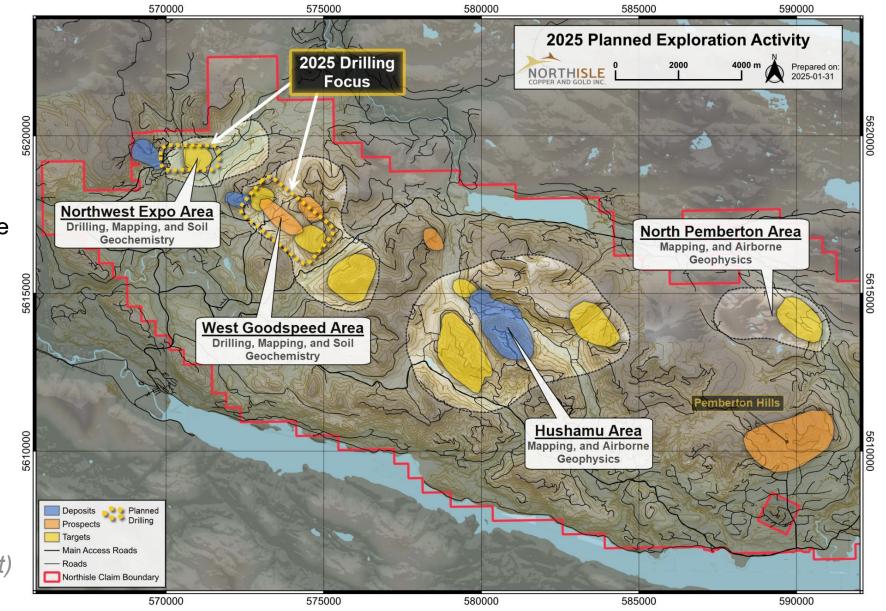
2025 Drill Program Focus

Northwest Expo

 Fault offset targets for high grade mineralization (15% budget)

West Goodspeed

- Continued step-outs to expand discovery footprint (30-50% budget)
- Fault offset targets for higher grade mineralization (20-40% budget)
- Infill drilling (remainder of budget)



Northwest Expo – High Return Opportunity



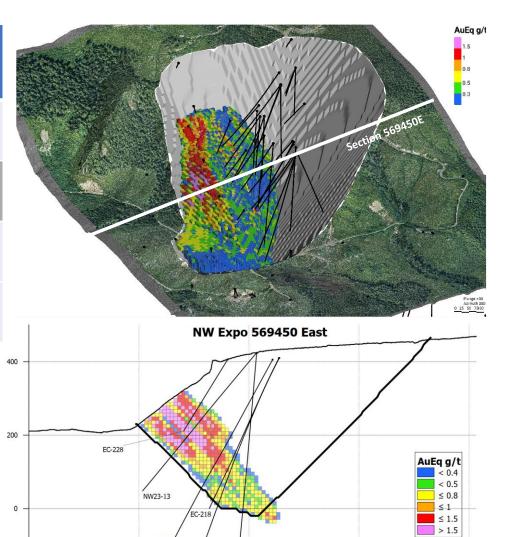


Higher-grade Sweetener to an Already Good Project

NSR Cutoff			In	Situ Tonna	ge and Gr	ade			Containe	d Metal		Chair
	Class	Tonnage	Cu	Au	Cu Eq.	Au Eq.	NSR	Cu	Au	Cu Eq.	Au Eq.	Strip
(\$/T)	(\$/T)	(000 T)	(%)	(gpt)	(%)	(gpt)	(\$/t)	(mm lbs)	(000 ozs)	(mm lbs)	(000 ozs)	Ratio
ć40.00	Indicated	45,463	0.11	0.64	0.65	0.77	\$53.75	108	935	647	1,123	2.60
\$10.00	Inferred	36,438	0.09	0.52	0.52	0.63	\$44.10	70	612	414	738	2.00
\$11.50	Indicated	45,044	0.11	0.64	0.65	0.77	\$54.15	108	933	646	1,120	2.65
Ş11.50	Inferred	35,611	0.09	0.53	0.53	0.64	\$44.88	69	609	412	734	2.03
\$15.00	Indicated	43,771	0.11	0.66	0.67	0.79	\$55.34	107	927	642	1,113	2.85
\$15.00	Inferred	32,813	0.09	0.56	0.56	0.68	\$47.57	68	596	404	717	2.83
\$20.00	Indicated	41,438	0.12	0.68	0.69	0.82	\$57.47	105	911	632	1,094	3.20
	Inferred	28,727	0.10	0.62	0.61	0.74	\$51.84	64	570	387	684	5.20

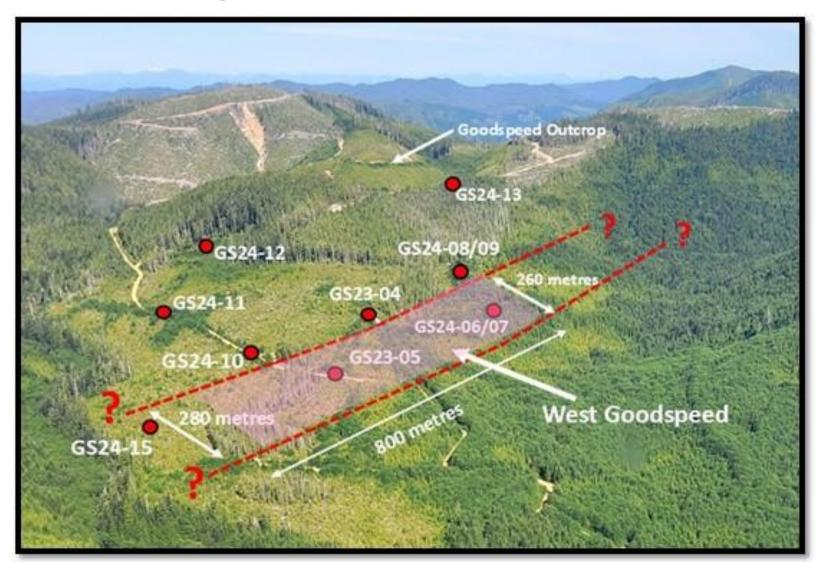
Notes to the Resource Table can be found on slide 10

- Initial resource released in Q1 2024 and updated in Q4 2024 to reflect anticipated integrated processing with North Island Project
- ▶ Higher grade portion targeted for infill during 2024 with results anticipated late Q4 2024
- Provides feed for potential lower capex starter operation with NSR values 2-3x Hushamu



West Goodspeed – New Discovery Potential

Aerial View Looking East to West Goodspeed





- West Goodspeed discovered during 2023 by two intercepts (GS23-04 and GS23-05)
- 2024 drilling has demonstrated an 800m strike, 300m dip and 50-150m width of copper mineralization and porphyryrelated alteration
- Significant assays to date include
 - GS23-04 78m grading 0.48% Cu Eq.
 - GS23-05 125m grading 0.49% Cu Eq.
 - GS24-06 68m grading 0.56% Cu Eq.
 - GS24-07 154.8m grading 0.53% Cu
 Eq.
 - GS24-10 210m grading 0.50% Cu Eq.
 - Plus additional intercepts
- Volume is controlled by late faults and remains open on strike and at depth with opportunity to find fault offset

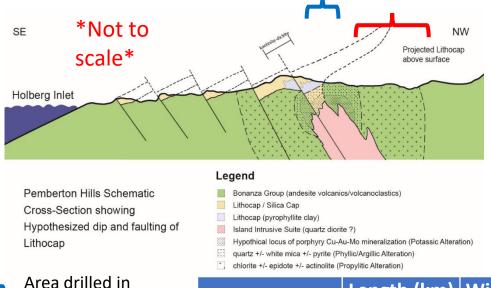
Pemberton Hills - Giant Porphyry Potential





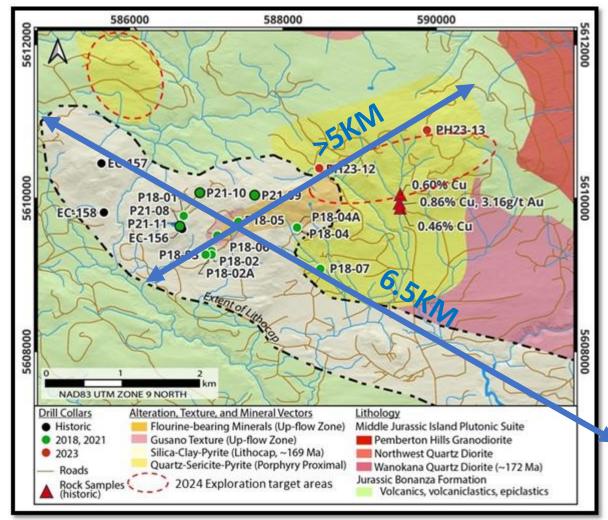
2023 Drilling Confirmed Thesis and Enhanced Understanding of System

Pemberton Hills Schematic Cross-section showing Hypothesized dip and faulting of Lithocap



	Length (km)	Width (km)
Ray	12	8.5
Escondida	11	9
Frieda River	10	4
El Salvador	8	5
Collahuasi	7	4.7
Panguna	6	5.3
Los Pelambres	6.5	4.6
Batu Hijau	6.5	3.5

PEMBERTON HILLS ALTERATION SCALE COMPARES WITH MAJOR PORPHYRYS



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2018/2021

drilling

Area for future

BC and Canada Open For Business

Political will has never been stronger



The North Island Advantage

- ✓ Vital source of critical and strategic minerals
- ✓ Closest access to Asian and global markets
- ✓ Well established infrastructure
- ✓ First Nations and local communities support mining

"Here in British Columbia, economic development, conservation of precious water and land, and partnership with First Nations go hand-in-hand," Eby said on Monday (May 26), overlooking the Port of Vancouver. "Our approach makes BC a world-class place to invest, and our province has all it takes to succeed in the face of global challenges."

David Eby Premier of British Columbia May 2025

"'We want to move faster for the prosperity of the province, for British Columbians who need those good paying jobs, for the prosperity of the whole country, and we want to do it in partnership with First Nations by realizing the vision these nations have in the northwest' — It's a revolutionary and really important change, and one that will assist us in addressing an issue that has challenged British Columbia for a long time"

David Eby Premier of British Columbia
May 2025

"...we're ready to create new international partnerships, deepen alliances, and lead member nations into a new era of global co-operation. Canada has the resources the world wants and the values to which others aspire. Canada is meeting this moment with purpose and strength. "

Mark Carney Prime Minster of Canada

June 2025

Northisle is a Leader in Consent-Driven Decisions



Close Collaboration Has Created Positive Permitting Outcomes

Dec 2022: Quatsino

Agreement

April 2023:

Tlatlasikwala Agreement

Draft Permit Submissions Permits Submitted Provided to First Nations to EMLI

Northwest Expo Permit Received Pemberton Permit Received

Dec 2022

Jan 2023

Feb 2023

Mar 2023

Apr 2023

May 2023

Jun 2023

Jul 2023

Aug 2023

FIRST NATIONS

"This agreement represents a good first step and sets a strong foundation for our relationship with Northisle. We look forward to working with Northisle to further explore how we can work together to create a stronger future for our Nation today and for generations to follow."

Chief Tom Nelson Quatsino First Nation, Dec 2022

PROVINCIAL GOVERNMENT

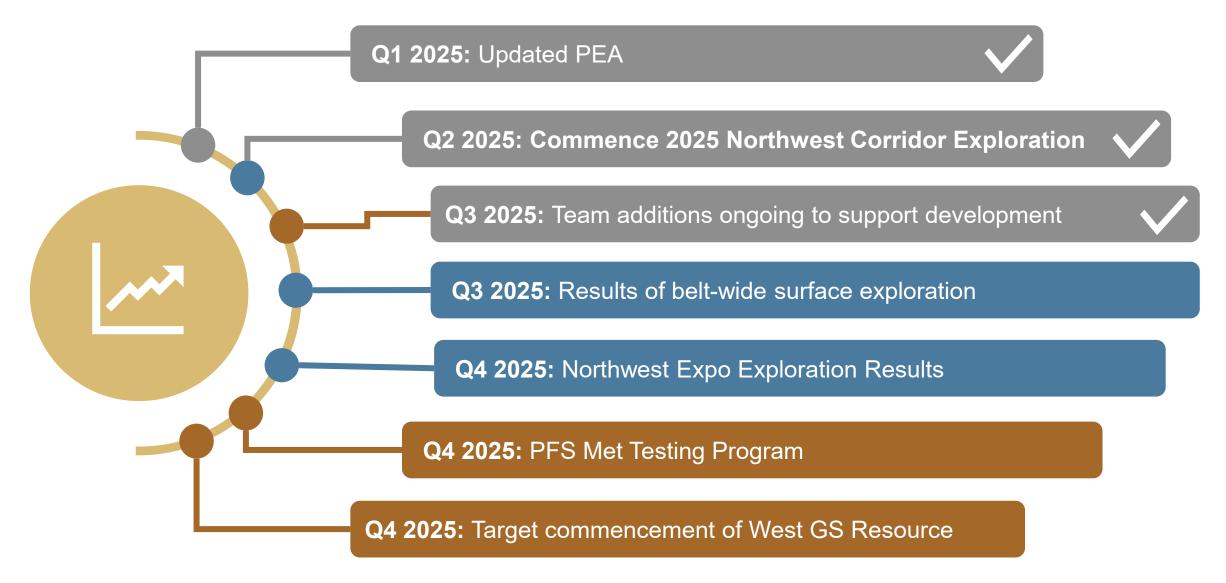
"Responsible resource development of critical minerals in partnership with First Nations is proven to expedite mining projects in B.C. That's why we are pleased to see Northisle continue to progress its North Island Project to unlock copper, one of Canada's critical minerals. We look forward to working with Northisle on obtaining efficient permitting decisions."

Jagrup Brar Minister of Mines, Feb 2025



Near Term Catalysts: The Time is Now









14th Floor – 1040 West Georgia Street Vancouver, British Columbia V63 4H1

Investor Inquiries:

Nicholas Van Dyk, Chief Financial Officer +1.604.638.2515 info@northisle.ca www.northisle.ca

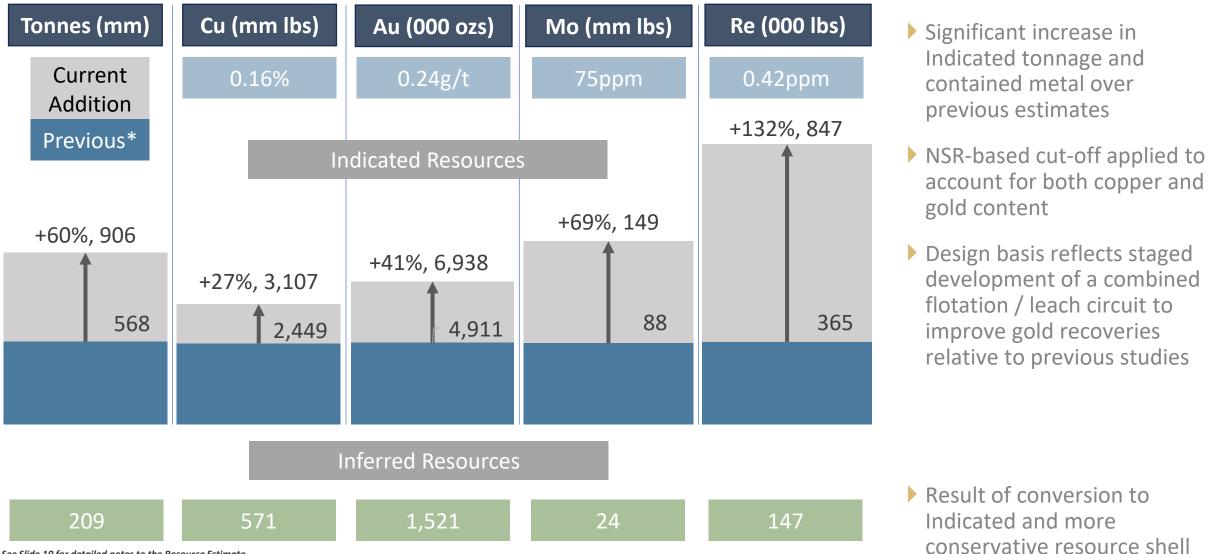




North Island – Integrated Resource Update



Significant Increase in Indicated Resource Contained Metal Supports Upcoming PEA Update



See Slide 10 for detailed notes to the Resource Estimate *2017 through 2024

Preliminary Development Timeline

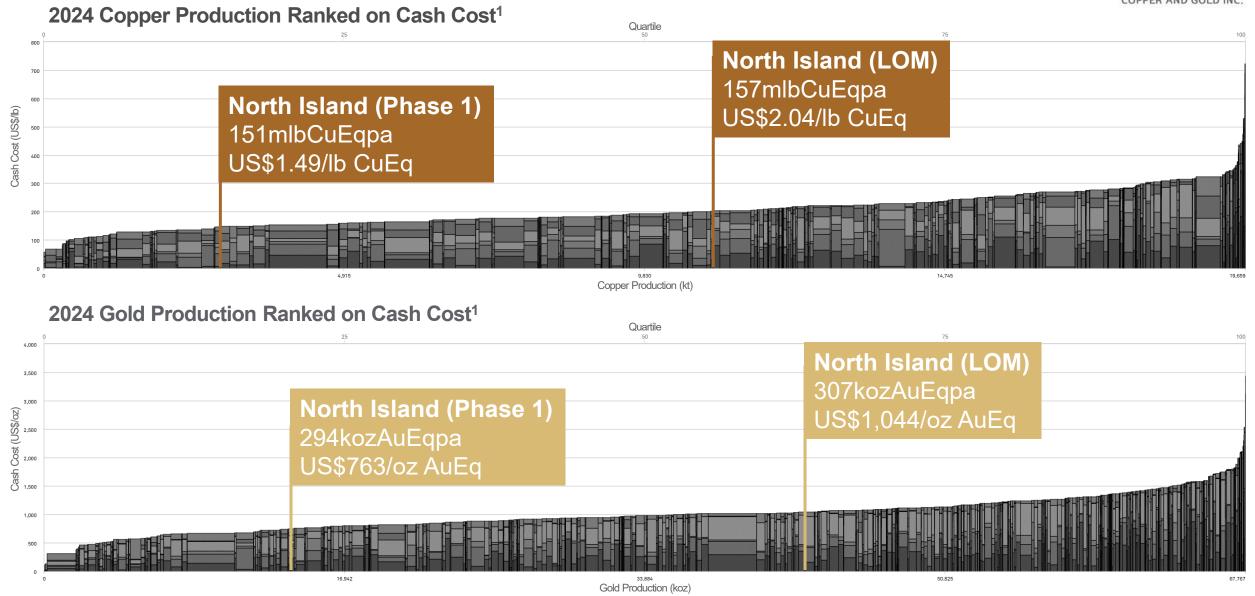




Milestones	-6	-5	-4	-3	-2	-1	1
Exploration							
First Nations and Stakeholder Consultation							
Complete PEA	/						
Expand Environmental Baseline Programs	0						
Complete PFS		0					
Complete FS			0				
Submit Draft EIS				0			
Submit Final EIS					0		
Complete Engineering and Procurement						0	
EA Approval					0		
MA / EMA Permit Receipt					0		
Signed IBAs						0	
Complete Construction							0
Initial Production							0

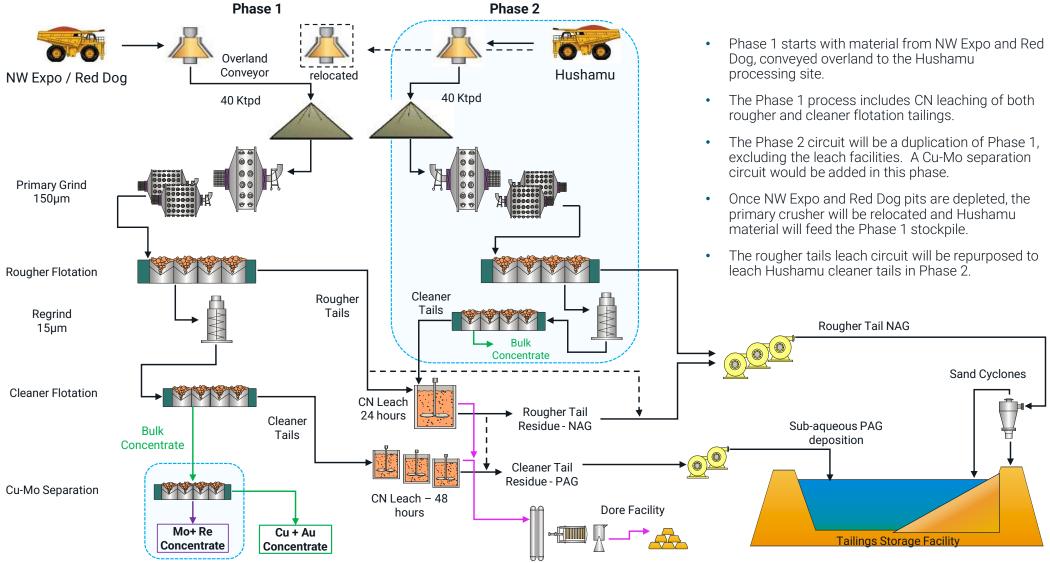
NorthIsle Positioning – Global Cost Curve





2025 PEA Summary Flowsheet





Northern Vancouver Island is Ready for Growth

Resource-based Economy Combined with Community Support





Northern Vancouver Island is Ready for Growth

Resource-based Economy Combined with Community Support

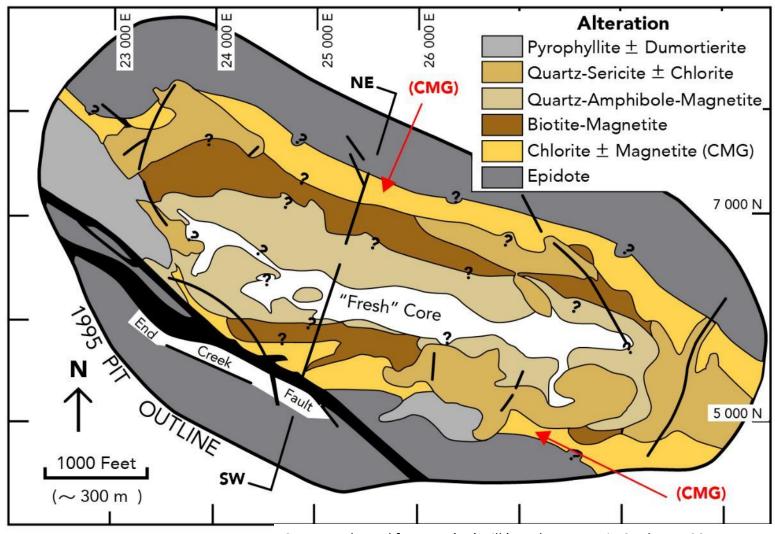




Island Copper Mineralization





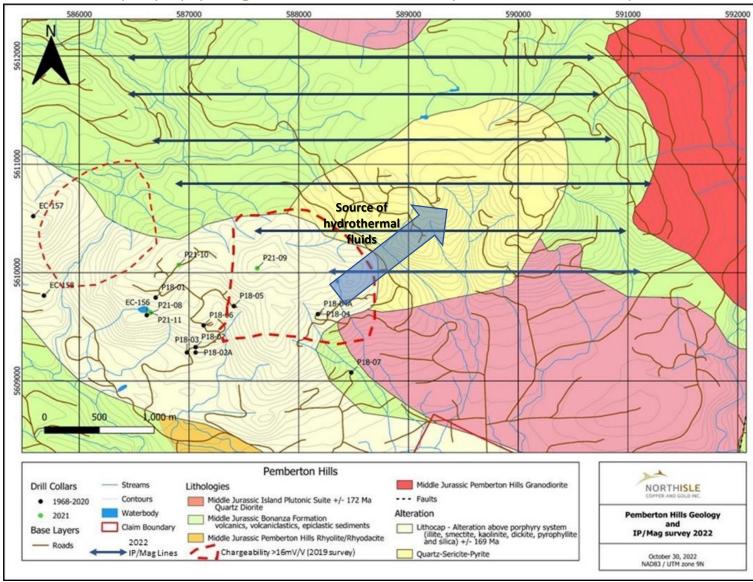


Source: Adapted from José Péreilló et al., Economic Geology, 1995

Pemberton Hills – New Discovery Potential

Buried Cu-Au-Mo porphyry target beneath an aerially extensive lithocap



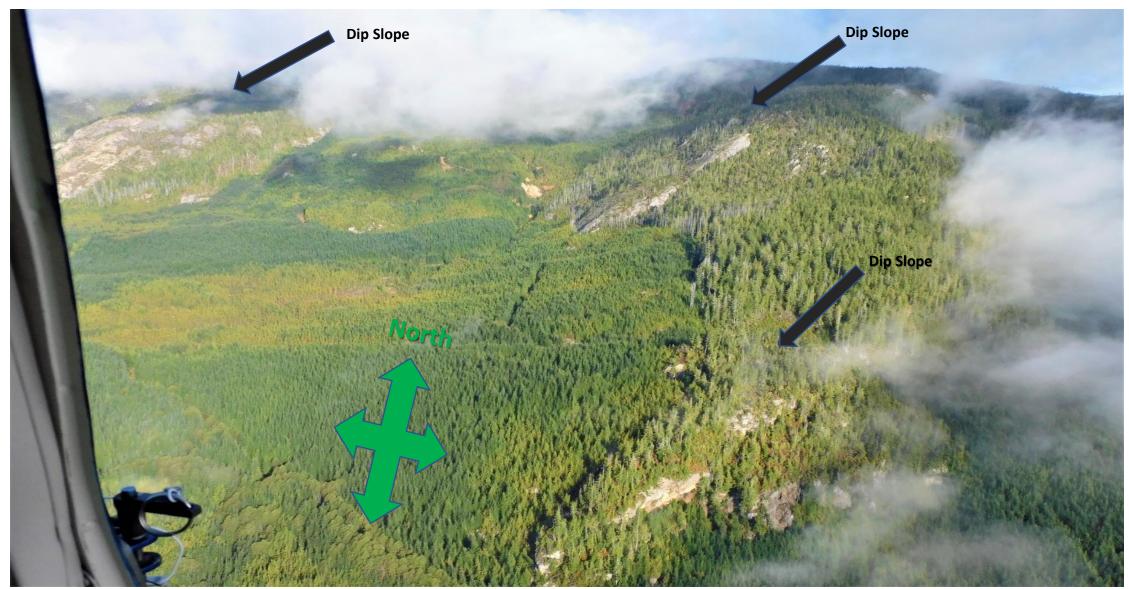


- 6.5km x 1.5km area of high-level advanced argillic alteration and silica cap typically found above buried porphyry systems
- Large IP target subject of various exploration programs by NorthIsle since 2017, including four 2021 holes which tested lithocap with approximately 1,000m drill holes
- Regional structural geology, combined with clay vectoring, pyrite abundance from 2021 drilling, IP and surface sampling indicate system is NE of area drilled to date
- ▶ 2022 Surface Exploration results confirmed the thesis and have generated multiple drill targets

Pemberton Hills – New Discovery Potential

Immense Lithocap Dipping Southwest

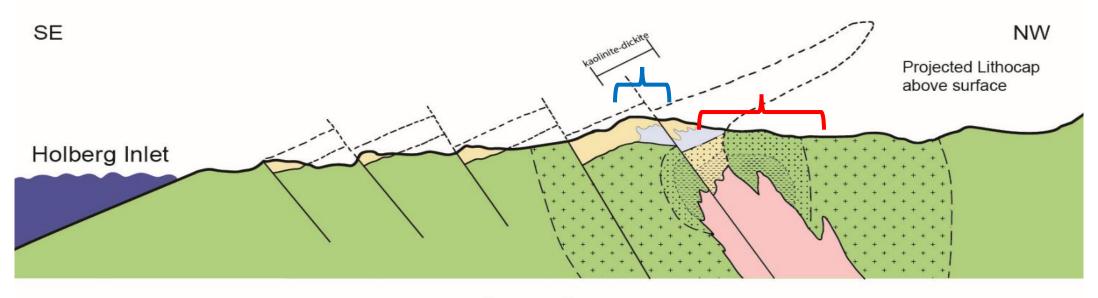




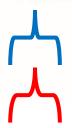
Pemberton Hills – New Discovery Potential

Block faulting consistent with regional structures





Pemberton Hills Schematic
Cross-Section showing
Hypothesized dip and faulting of
Lithocap



Area drilled in 2018/2021

Area for future drilling

Legend

- Bonanza Group (andesite volcanics/volcanoclastics)
- Lithocap / Silica Cap
- Lithocap (pyrophyllite clay)
- Island Intrusive Suite (quartz diorite ?)
- Hypothical locus of porphyry Cu-Au-Mo mineralization (Potassic Alteration)
- quartz +/- white mica +/- pyrite (Phyllic/Argillic Alteration)
- chlorite +/- epidote +/- actinolite (Propylitic Alteration)

Jan 2023