

ASTON BAY

**Exploring for
Copper and Zinc
in North America**

October 2018

TSX-V: BAY
OTCQB: ATBHF

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Qualified Person:

The technical information contained within this website has been reviewed and approved by the Company's Consultant, Primary Geologist and Director, Michael Dufresne, M.Sc., P. Geo., a qualified person as defined by NI 43-101.

- ❖ **Copper and Zinc**
- ❖ **Discovery play**
- ❖ **Mine finders**

Copper and Zinc

- ❖ **Demand:** economic expansion, infrastructure renewal, electrified economy
- ❖ **Supply:** discovery deficit
- ❖ **Old metals for the new economy**

Discovery Play

- ❖ **Add value through exploration discovery**
- ❖ **Large, high-grade targets in good jurisdictions**
- ❖ **Business model:** steep slope of the discovery curve, jump before it's too late

Discovery Play

Improve the odds in a high-risk game

- **Commodities**
- **Jurisdictions**
- **Prospective geology**
- **Business model**
- **Technical expertise**

- ❖ Copper and Zinc
- ❖ Discovery play
- ❖ **Mine finders**

Mine Finders



Thomas Ullrich – CEO

Former Chief Geologist North America for Antofagasta Minerals, Senior Geologist for Almaden Minerals



**David Broughton – Chief Geologist,
Storm and Seal Projects**

Award-winning geologist, responsible for discovery of Flatreef and Kamoā-Kakula Mines for Robert Friedland's Ivanhoe Mines



Donald Taylor – Advisor, Blue Ridge Project

Award-winning geologist responsible for discovery of the Taylor Deposit for Arizona Mining.

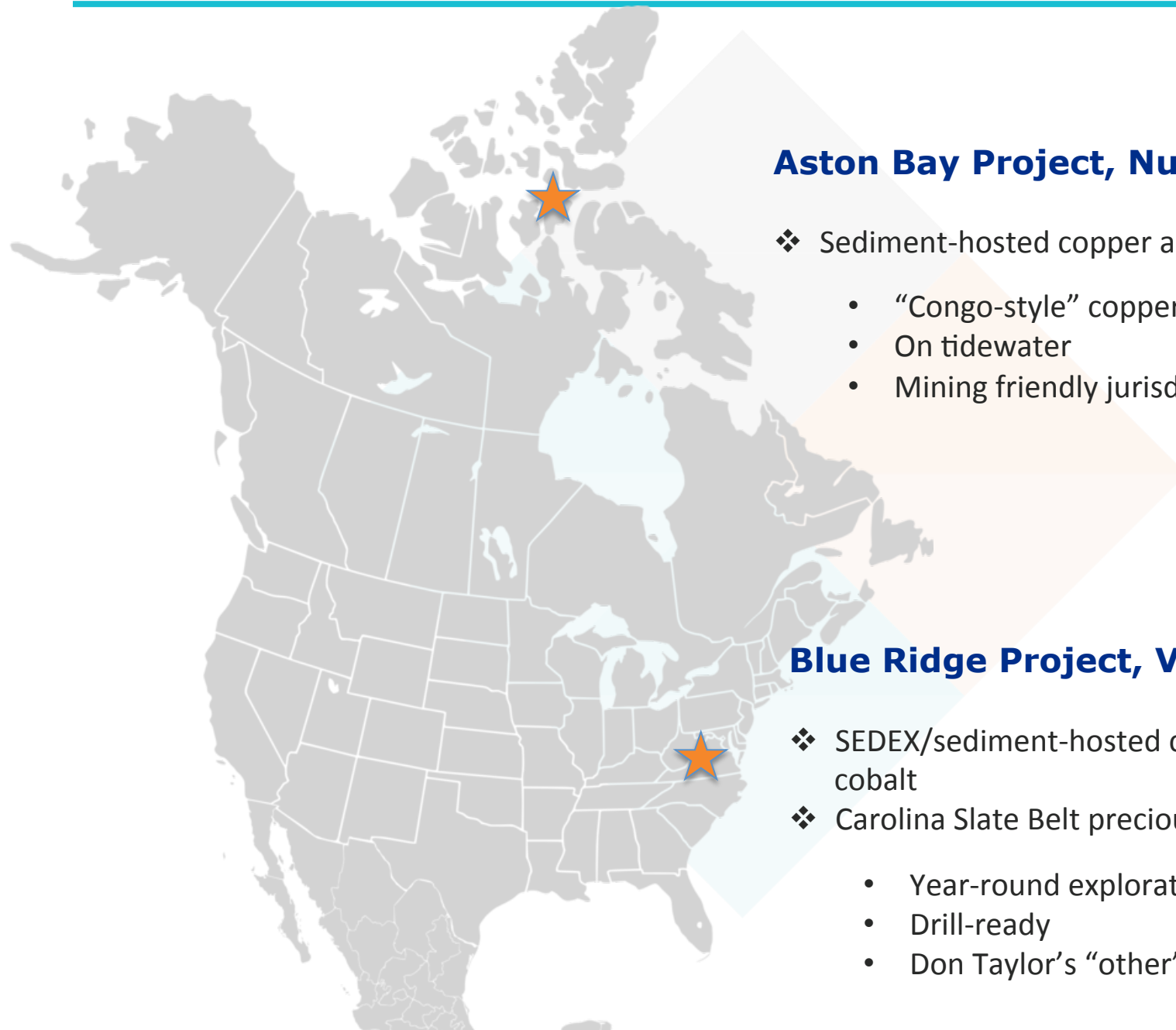
 **Mine Finders**



David Broughton
Chief Geologist, Aston Bay Project



Donald Taylor
Advisor, Blue Ridge Project



Aston Bay Project, Nunavut

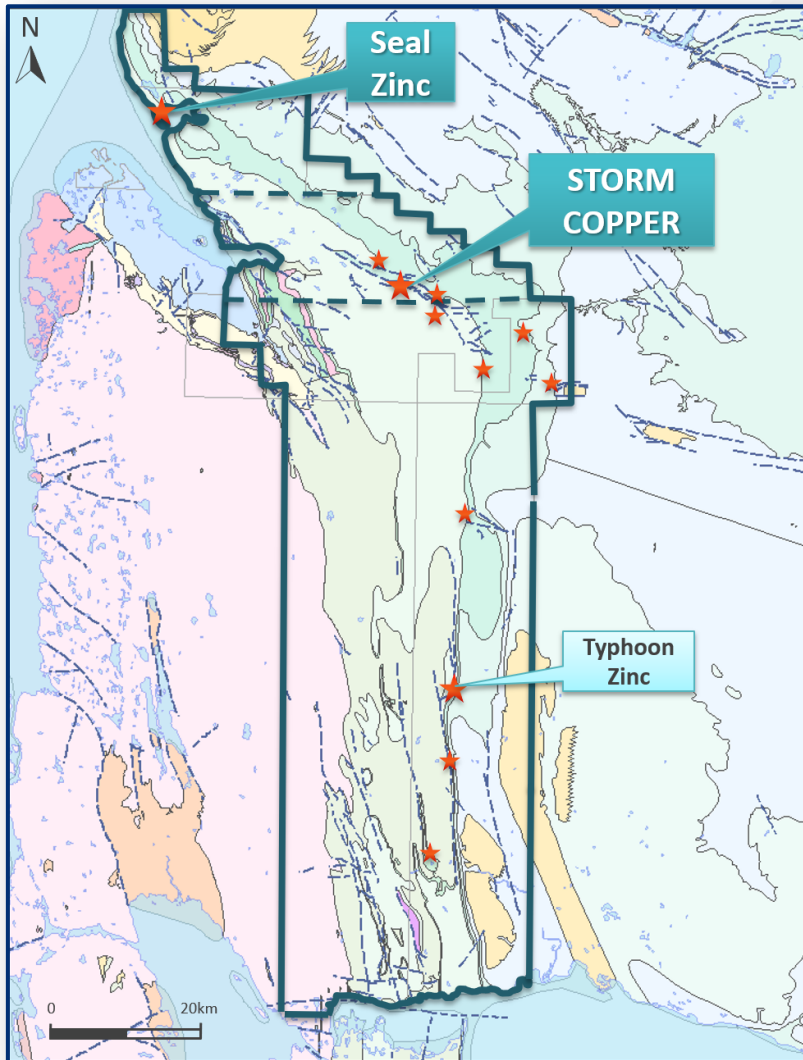
- ❖ Sediment-hosted copper and zinc
 - “Congo-style” copper, Polaris-style zinc
 - On tidewater
 - Mining friendly jurisdiction

Blue Ridge Project, Virginia

- ❖ SEDEX/sediment-hosted copper, zinc and cobalt
- ❖ Carolina Slate Belt precious metals
 - Year-round exploration
 - Drill-ready
 - Don Taylor’s “other” project

Somerset Island, Nunavut, Canada





- ❖ 100% ownership >1,000,000 acre (4,145 km²) property
- ❖ Along strike from past-producing Polaris zinc mine (21Mt @ 14% Zn), *“Elephant Country”*
- ❖ High-grade copper and zinc mineralization at the surface confirmed in shallow drilling at **Storm Copper** and **Seal Zinc**
- ❖ Multiple Cu and Zn showings along >140km strike length of correlative host rocks

Storm Copper

High grade, near-surface copper mineralization confirmed by over 13,000 metres of recent and historic shallow drilling



Storm Copper 2200N Zone

- ❖ Historic Highlights include:
 - 56.3m @ 3.07% Cu
 - 110.0m @ 2.45% Cu
 - 31.7m @ 2.08% Cu
- ❖ 2017 Exploration Program:
 - Airborne Gravity Survey
- ❖ ***2018 drilling targeted using new geologic model***
 - ***Copper signature identified***

Seal Zinc

Zinc and Silver at Surface, on Tidewater



- ❖ Steeply-dipping stratiform sphalerite + pyrite replacing sandstone matrix
- ❖ Same age mineralization as the nearby past-producing (20.1 Mt @ 13.4% Zn) Polaris mine: a regional mineralization event
- ❖ **2018 drilling outside of resource area**
 - **Zinc signature identified**

*(Stein, 2016)

** (Selby et al., 2005; Dewing et al., 2007)

Highlights of Inferred Mineral Resource Estimate @ 4.0% ZnEq Cut-Off (December 2017)

Tonnage Mt	Zn %	Contained Zn kt	Ag g/t	Contained Ag koz	ZnEq%
1.006	10.24	103	46.5	1,505	11.44



Aston Bay Project, Nunavut

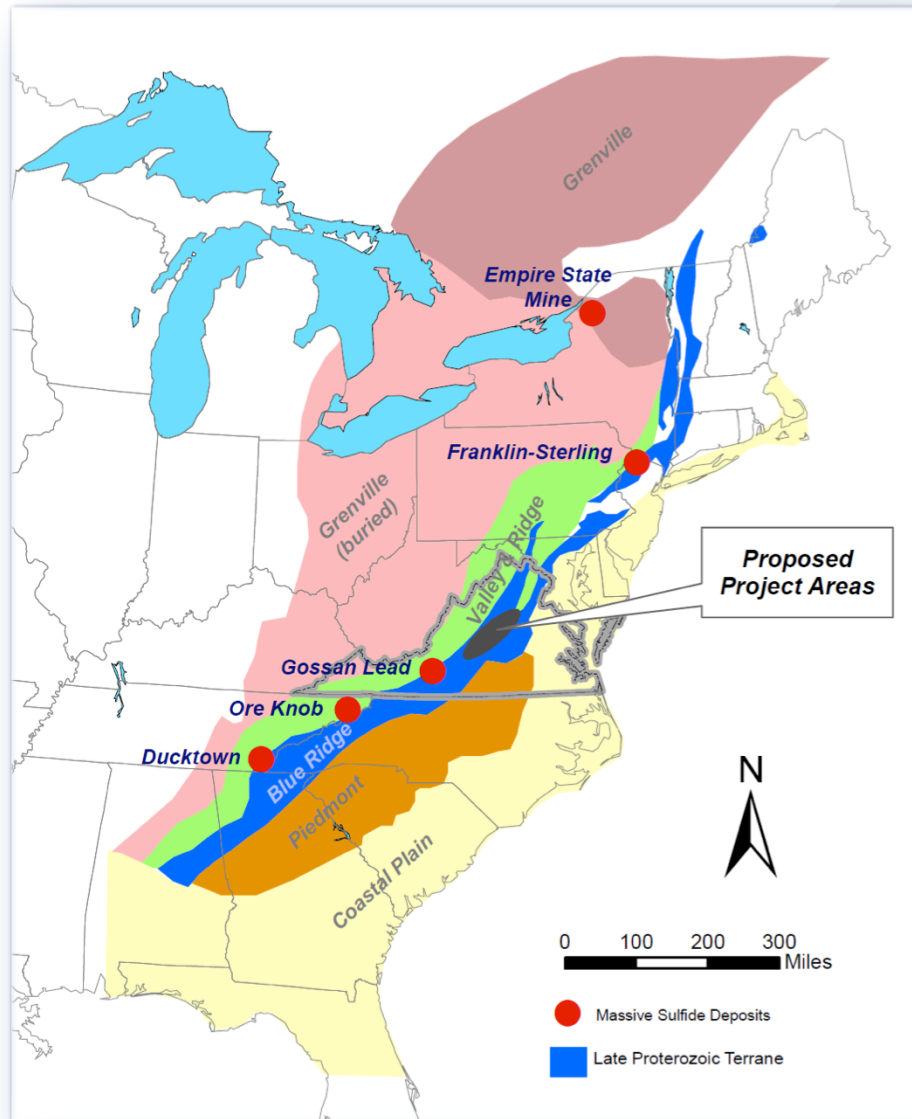
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Blue Ridge Project, Virginia USA

Geology & Mineralization



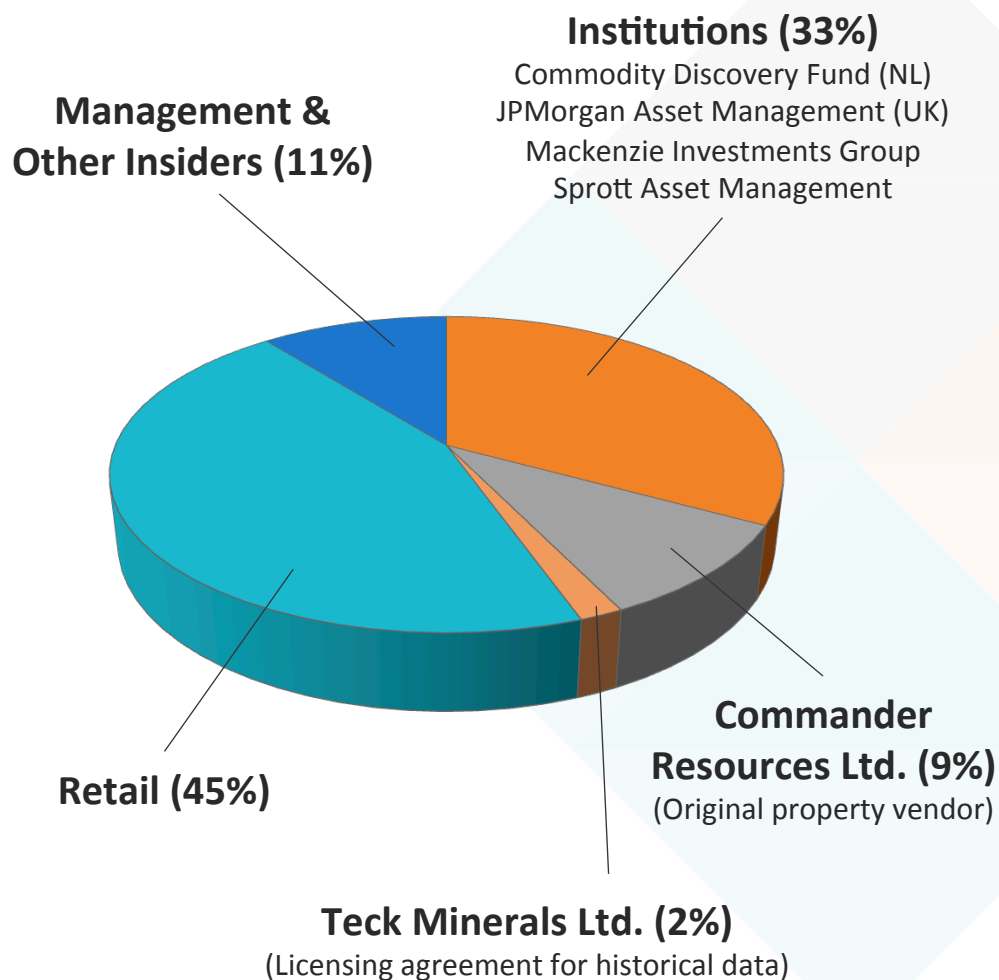
- ❖ Cu-Pb-Zn-Au-Ag mineralized belt prospective for sedimentary hosted, SEDEX and Broken Hill Type deposits
- ❖ Geologic extension of Carolina and Avalon Slate Belts – significant precious metal potential
- ❖ Significant historic highlights from drilling include:
 - 2.77% Cu, 0.94% Zn, 0.54% Pb, and 8.2 ppm Ag over 5 metres
 - 1.17% Cu, 5.23% Zn, 0.90% Pb, and 21.3 ppm Ag over 2.25 metres

Jurisdiction and exploration advantage



- ❖ Private land: timber farms
- ❖ Fee simple jurisdiction – no drill permitting required
- ❖ Database to see through soil cover
 - Airborne EM/Mag survey covering over 1.2 million acres
 - Regional stream sediment survey
 - Drill hole database
- ❖ Expertise, experience and relationships
 - Don Taylor directing exploration

Share Structure



Shares Outstanding	117,570,861
❖ Warrants ¹	17,935,648
❖ Options ²	5,742,500
Share Price	\$0.115*
Market Cap	\$13.5 M*
Cash	\$1.3 M*
Debt	NIL
Insider Ownership	11%

* All prices CAD, dated Sept 17, 2018.
1. Warrant Details: Average exercise price \$0.19 and expiring Jan. 2019 and March 2020.
2. Options Details: Average exercise price \$0.23 and expiring 2020-2024.

Q4 2018

- ❖ Blue Ridge Project
 - Jack Fork's acquisition complete
 - Geological and geophysical interpretation
 - Drill targeting: base and precious metals
- ❖ Aston Bay Property
 - 2018 exploration drill program results
 - Geological and geophysical interpretation

2019

- ❖ Blue Ridge Project
 - Proposed **winter/spring drill program**
- ❖ Aston Bay Property
 - Drill targeting
 - Potential additional geophysics
 - Proposed **summer drill program**

For More Information

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