

ASTON BAY

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

March 2021 - updated

TSX-V: BAY
OTCQB: ATBHF

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Qualified Person:

The technical information contained within this presentation 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.

2021 Focus: Gold in Virginia, Copper in Nunavut

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Aston Bay Property, Nunavut

❖ *Sediment-hosted copper and zinc*

- Potential for large, high grade deposits:
High grade copper and zinc at surface
 - 110m @ 2.45% Cu, 56m @ 3.07% Cu**
 - 1Mt @ 10.24% Zn and 45.6 g/t Ag
- ***Optioned to American West***

Blue Ridge Properties, Virginia

- ❖ Acquisition of Don Taylor's private company, Don directing exploration.
- ❖ Gold: ***Carolina Slate Belt (Haile?), Mesothermal Vein and Virginia Gold-Pyrite Belt type***
 - High grade gold at surface
 - Private lands, no permitting required
 - Scarcely explored with modern methods
- ❖ Base Metals: SEDEX/BHT, VMS copper, zinc and cobalt

**widths indicated are core length



Thomas Ullrich – *Chief Executive Officer, Director*

Former Chief Geologist North America for Antofagasta Minerals
Former Senior Geologist for Almaden Minerals; on the Ixtaca Ag-Au deposit discovery team.



Donald Taylor – *Advisor*

Founder, Jack's Fork Exploration, vendor of the Virginia exploration assets
2018 Thayer Lindsley Award winner for his discovery of the Taylor Pb-Zn-Ag Deposit
CEO Titan Mining, Director Solaris Resources.



Lamont Leatherman – *Advisor*

Former Senior Geologist, Jack's Fork Exploration

Over 30 years experience in the district.



Elaine Ellingham – *Advisor*

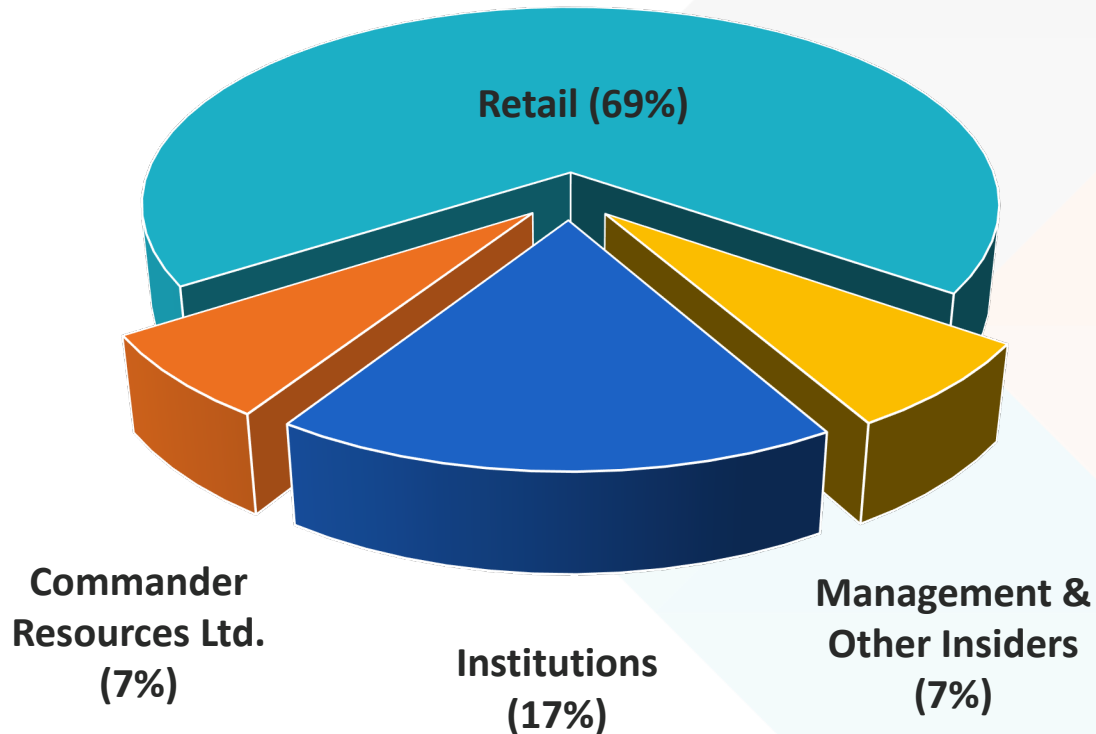
Former Director, Jack's Fork Exploration

Director of Alamos Gold Inc., Almaden Minerals Ltd. and Aurania Resources Ltd.



Sofia Harquail – *IR and Corporate Development*

Experience in both the private and public sectors of the mining industry
Board member, Young Mining Professionals Toronto
CSC Certified.



Shares Outstanding 163,975,094

❖ Warrants¹ 35,233,860

❖ Options² 11,412,500

Share Price \$0.05*

Market Cap \$8.2 M*

Insider Ownership 7%

Average Volume >550k shares/day³

1. Warrant Details: Exercise price \$0.12, expiring Q4/Q1/Q3 2021/2022 (~7m/~17m/~10m).

2. Options Details: Weighted average exercise price \$0.12, expiring Q4/2021 – Q1/2027.

3. 6-month average daily volume to Mar. 1, 2021; TSX-V + ATS trades.

* All prices CAD, dated Mar. 1, 2021.

Storm Copper

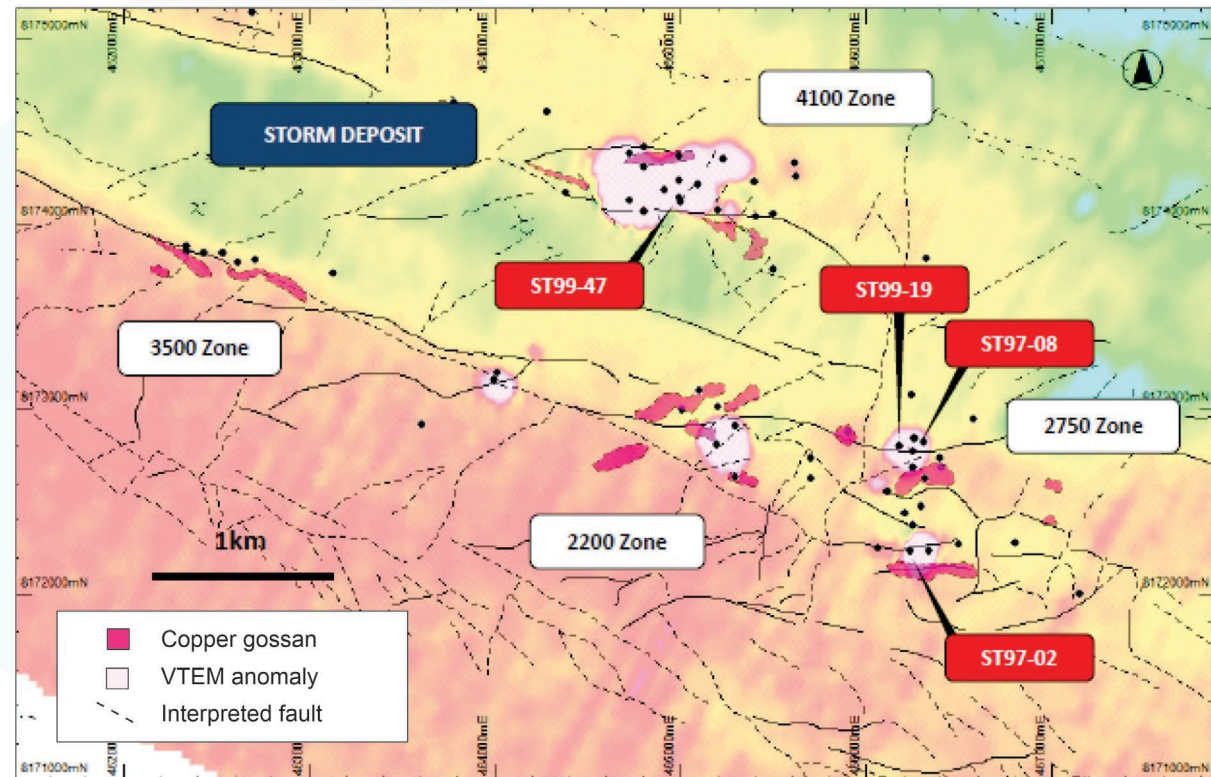
- ◆ >260,000-hectare property
- ◆ Multiple thick, high-grade copper zones identified across 15 km²
- ◆ Confirmed with drilling, including:

15m @ 4.24% Cu from surface
(ST97-02)

110m @ 2.45% Cu from surface
(ST97-08)

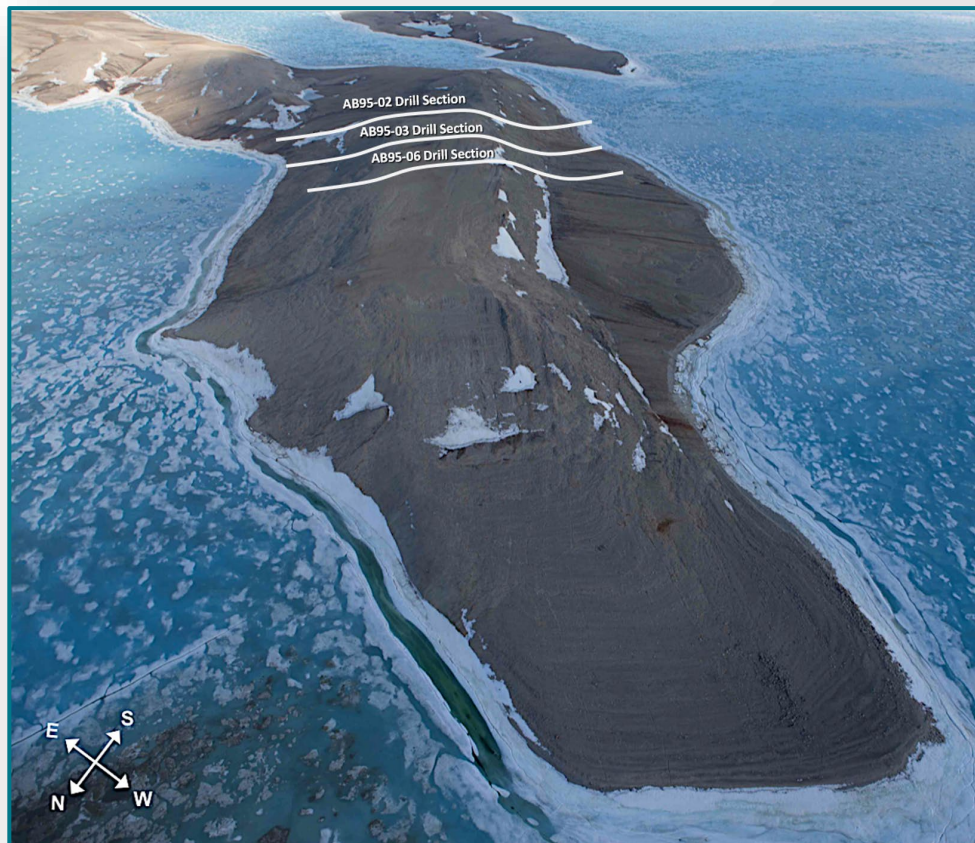
56.3m @ 3.07% Cu from 12.2m
(ST99-19)

11.5m @ 4.75% Cu from 75.9m
(ST99-47)



High grade, near-surface copper mineralization confirmed by over 9,000 metres of historical drilling. Numerous untested gossans and geophysical anomalies.

Seal Zinc



- ◆ Stratiform sphalerite + pyrite replacing sandstone matrix
- ◆ Nearby Storm copper mineralization produced an age of 378.1 ± 1.3 Ma, within the range of uncertainty for the age of zinc mineralization at the nearby past-producing (20.1 Mt @ 13.4% Zn) Polaris mine at 374 ± 9 Ma
- ◆ Widespread geophysical and zinc in soil anomalies associated with prospective stratigraphy provide drill ready targets

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

Optioned to American West Metals

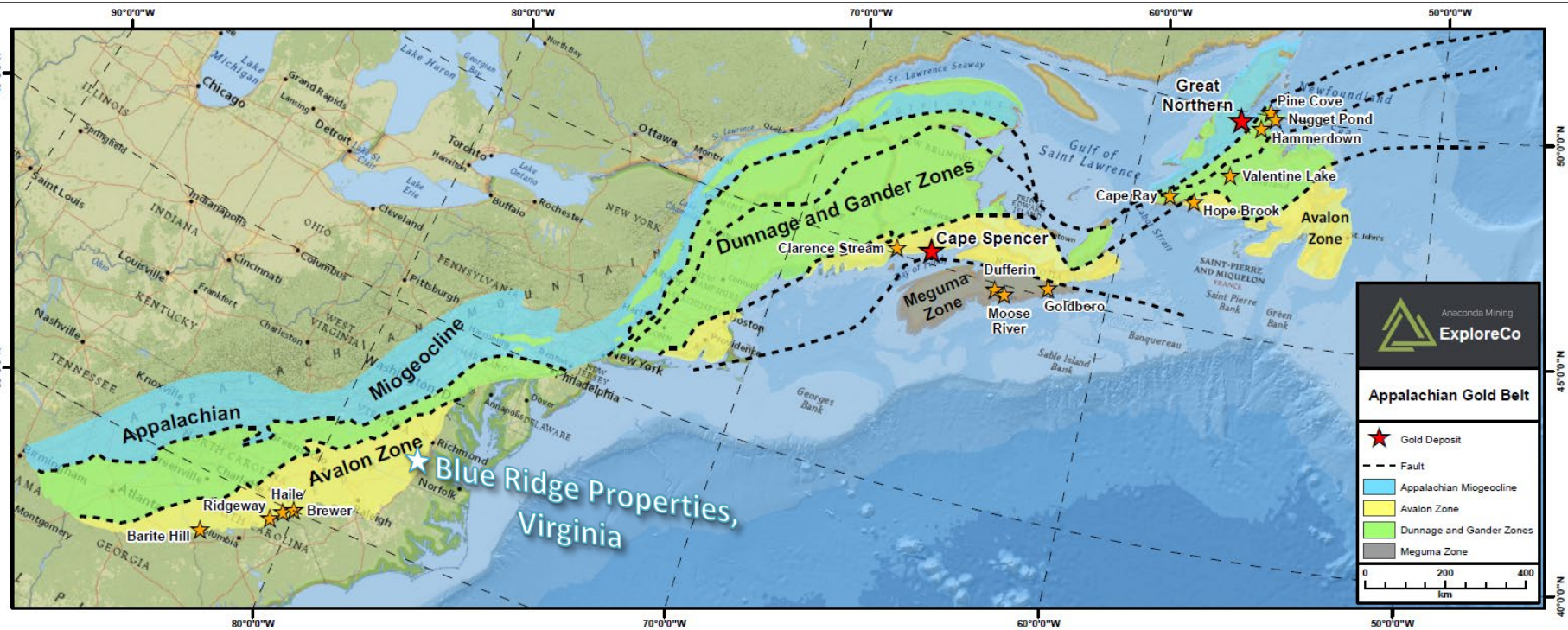
Terms of the Option Agreement

- ◆ American West can earn an 80% undivided interest in the Storm Project by spending a minimum of C\$10 million on qualifying exploration expenditures over a period of up to nine years, including not less than C\$2 million in Expenditures during the first two consecutive field seasons
- ◆ American West will make a cash payment of C\$500,000 to Aston Bay on closing
- ◆ American West will be the operator
- ◆ Upon exercise of the Option, American West and Aston Bay will form an 80 / 20 joint venture
- ◆ Aston Bay has free carry until mine decision, interest converted into a 2% net smelter return if diluted to below 10%

***Planning underway for summer 2021 field season: high powered surface EM geophysics followed up with potential drilling.
Camp, drills and equipment already staged on site.***

Significant underexplored geologic potential

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Source: Anaconda Mining

Prolific Gold Belt: Carolina Slate/Avalonia Belt

- Carolinas: 6th in US gold production: Haile (5Moz), Brewer, Ridgeway (1.5Moz), and Barite Hill
- Maritimes: Hope Brook (2Moz), Cape Spencer (1Moz)
- Virginia: pre-1850 production from Virginia Gold Belt, site of the first American Gold Rush

Jurisdiction and Exploration Advantage



Jurisdiction

- ❖ Fee simple jurisdiction for private land: **no drill permitting required**
- ❖ Timber company partners: **resource-friendly**
- ❖ No seasonality: **drill year-round**

Opportunity

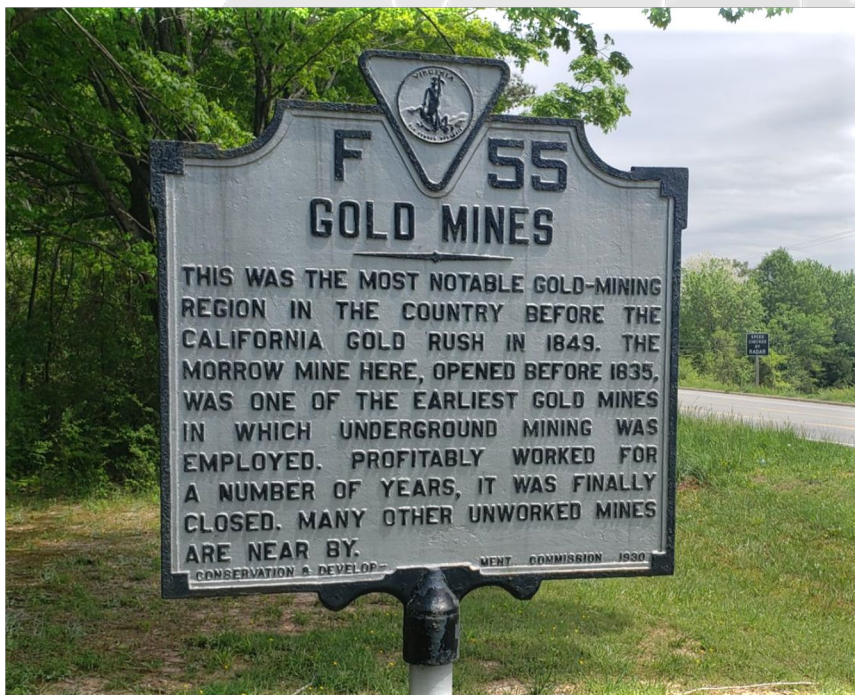
- ❖ Scarcely explored since 1850: **pre-modern exploration and mining methods**

Advantage

- ❖ Acquisition: **Don Taylor's private company**
 - Expertise, experience and relationships
 - **Vetted Au, Cu, Zn exploration targets**
- ❖ **Exclusive database to see through soil cover**
 - 1.2 million-acre airborne EM/Mag
 - Regional geochemistry

Exploration Focus: three styles

Yes, Virginia...



...there is a mining region here.

Brownfields Projects: Virginia Gold Pyrite Belt

- “most notable gold-mining region in the [US] before the California Gold Rush in 1849”
- * 287 historic mines: all at surface, pre-drilling, pre-geophysics, pre-modern mining
- ***The Romarco/Haile play:*** investigate along-strike/down-dip extensions and mineralized halos to build resources

New Discovery: Buckingham Gold

- High grade, steeply dipping gold vein
 - **35.61 g/t Au over 2.03m** **
 - **24.73 g/t over 3.57m incl. 62.51 g/t over 1.39m** **
- Mesothermal vein (e.g. Kirkland Lake, etc.) – *how far does it go?*
- Disseminated gold zones
 - **2.16 g/t over 18.07m** and **1.9 g/t over 22.22m** **

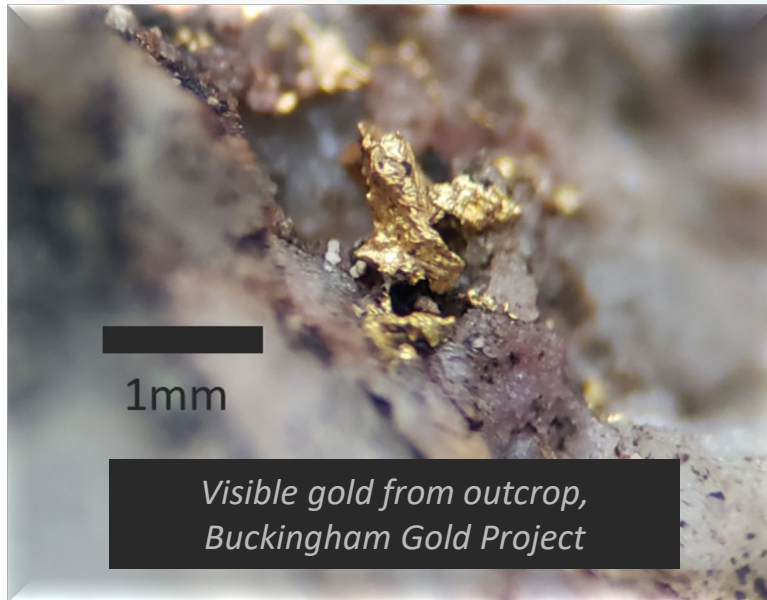
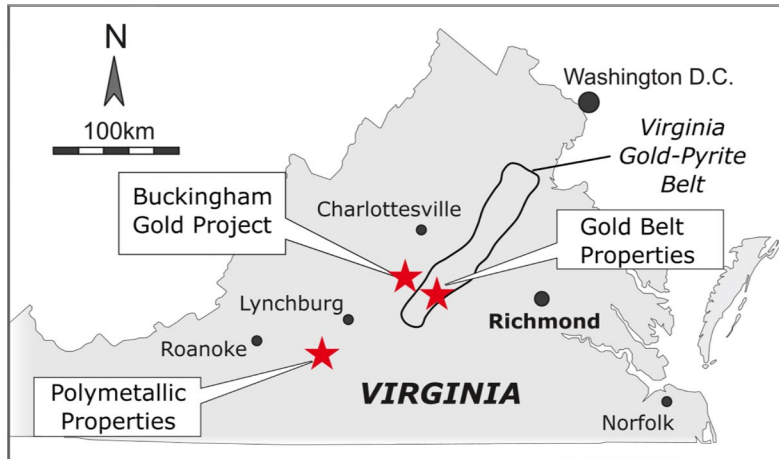
Cu-Pb-Zn-Au-Ag-Co mineralized belt

- VMS, SEDEX and BHT type deposits
 - 2.77% Cu, 0.94% Zn over 5m and 1.17% Cu, 5.23% Zn over 2.25m **

*US Hwy 15 - Oak St. and Gold Mine St., Dillwyn, Buckingham County, Virginia

**widths indicated are core length

Business Model



❖ Partner with timber companies

- 11,065 acres (4,478 hectares) signed up
- Exclusive exploration option; mineral lease terms outlined; no drill permits required
- Prospective targets selected by Don Taylor and team

❖ Targeted areas/mineralization styles:

❖ *Brownfields Virginia Gold Belt Properties*

- 4,399 acres surround historic producers
- Significant potential along-strike, down-dip and in mineralized halos – the Romarco play

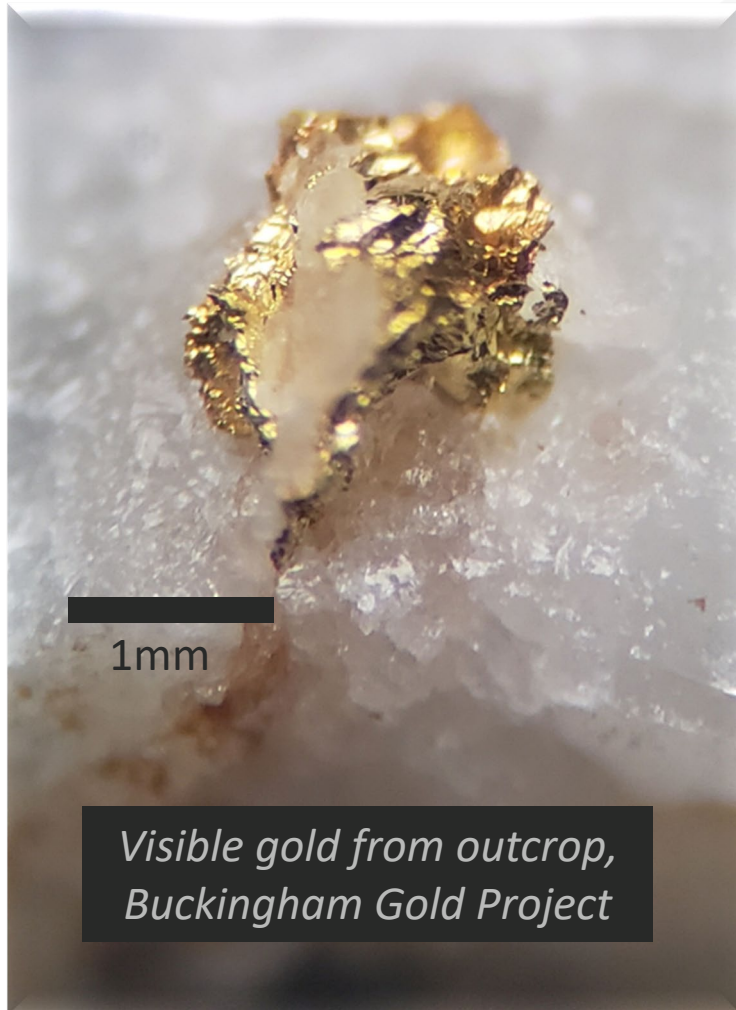
❖ *Buckingham Gold Property*

- 4,953 acres surrounding **recent gold discovery**
- Part of 15 km (10 mile) gold-in-stream anomaly defined by placer gold – expansion potential

❖ *Polymetallic Au-Cu-Zn Properties*

- 1,713 acres in a recently discovered trend of polymetallic VMS/SEDEX/BHT-style mineralization

Current Work Focus



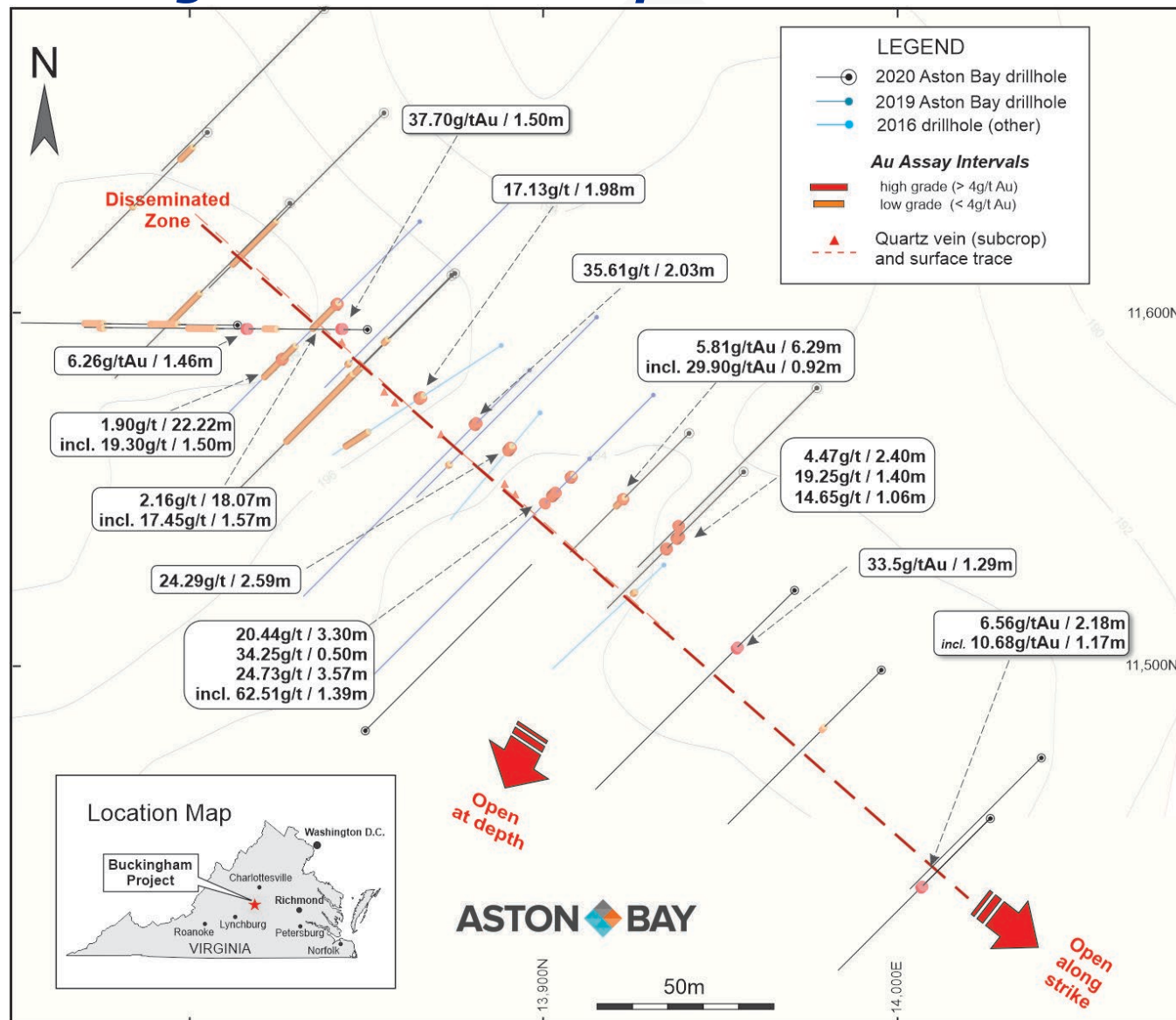
Buckingham Gold Project

- ❖ **New discovery, high-grade gold at surface**
 - ❖ up to **701 g/t Au (20.4 ounces per short ton)** in surface grab samples: white quartz with visible gold
- ❖ **23 holes drilled in 2019-2020 programs**
 - ❖ Gold in quartz veins (mesothermal/orogenic)
 - **35.61 g/t Au over 2.03m^{**}**
 - **20.44 g/t over 3.30m and 34.25 g/t over 0.5m^{**}**
 - **24.73 g/t over 3.57m incl. 62.51 g/t over 1.39m^{**}**
 - ❖ Disseminated gold
 - **2.16 g/t over 18.07m and 1.9 g/t over 22.22m^{**}**
 - ❖ Open along strike (>200m) and at depth (>90m)

Brownfields Virginia Gold Belt Properties

- ❖ **Sampling at past-producing mines underway**
 - ❖ Prospecting, rock chip sampling and soil sampling ongoing at two properties
 - ❖ Additional properties under review

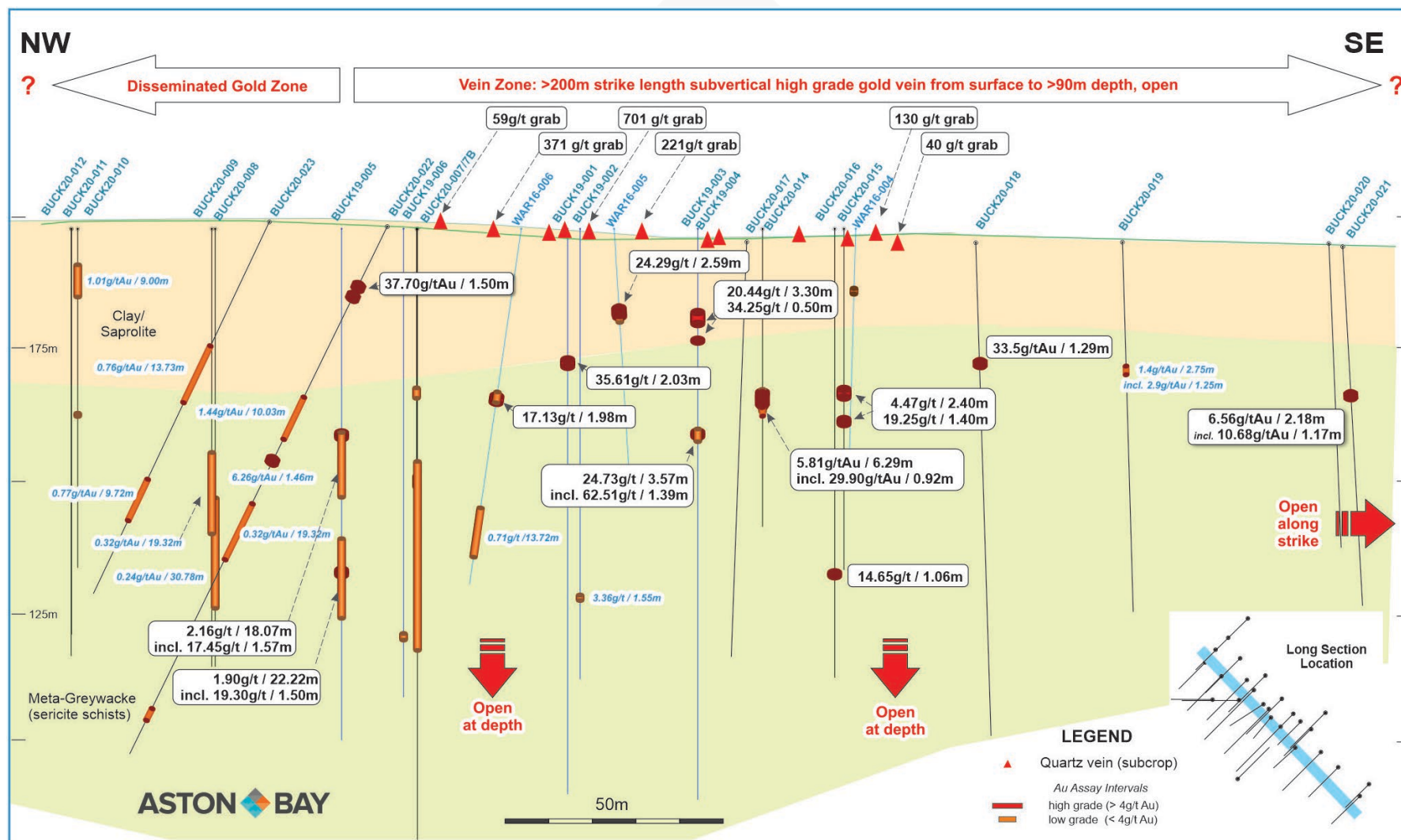
Open along strike and at depth



**assuming a 72° NE dip on the quartz vein, true interval width is 80%

Open along strike and at depth

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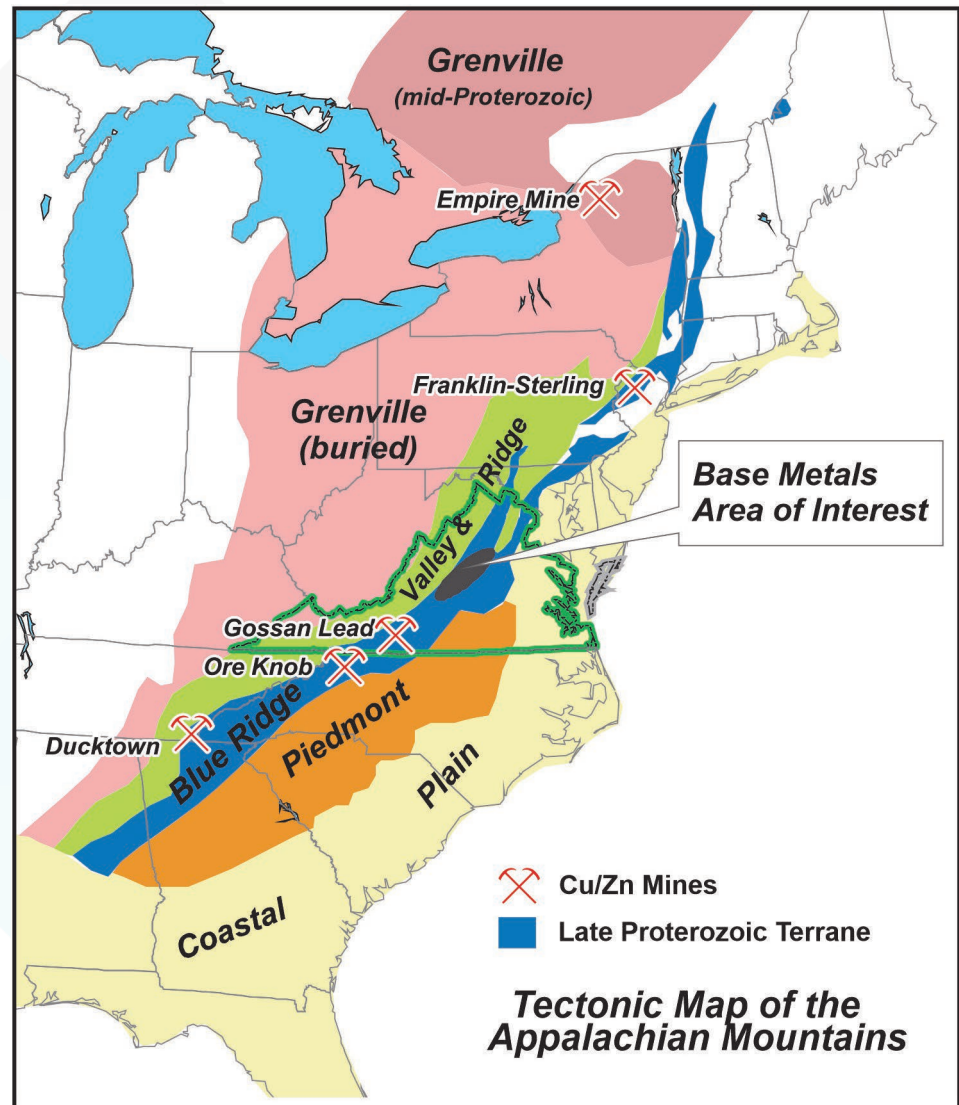
**Buckingham Long-Section (View NE)
with Select Au Assay Intervals**

** assuming a 72° NE dip on the quartz vein, true interval width is 80%

Base Metals: the right rocks

Ideal setting to host Significant Base Metal Deposits

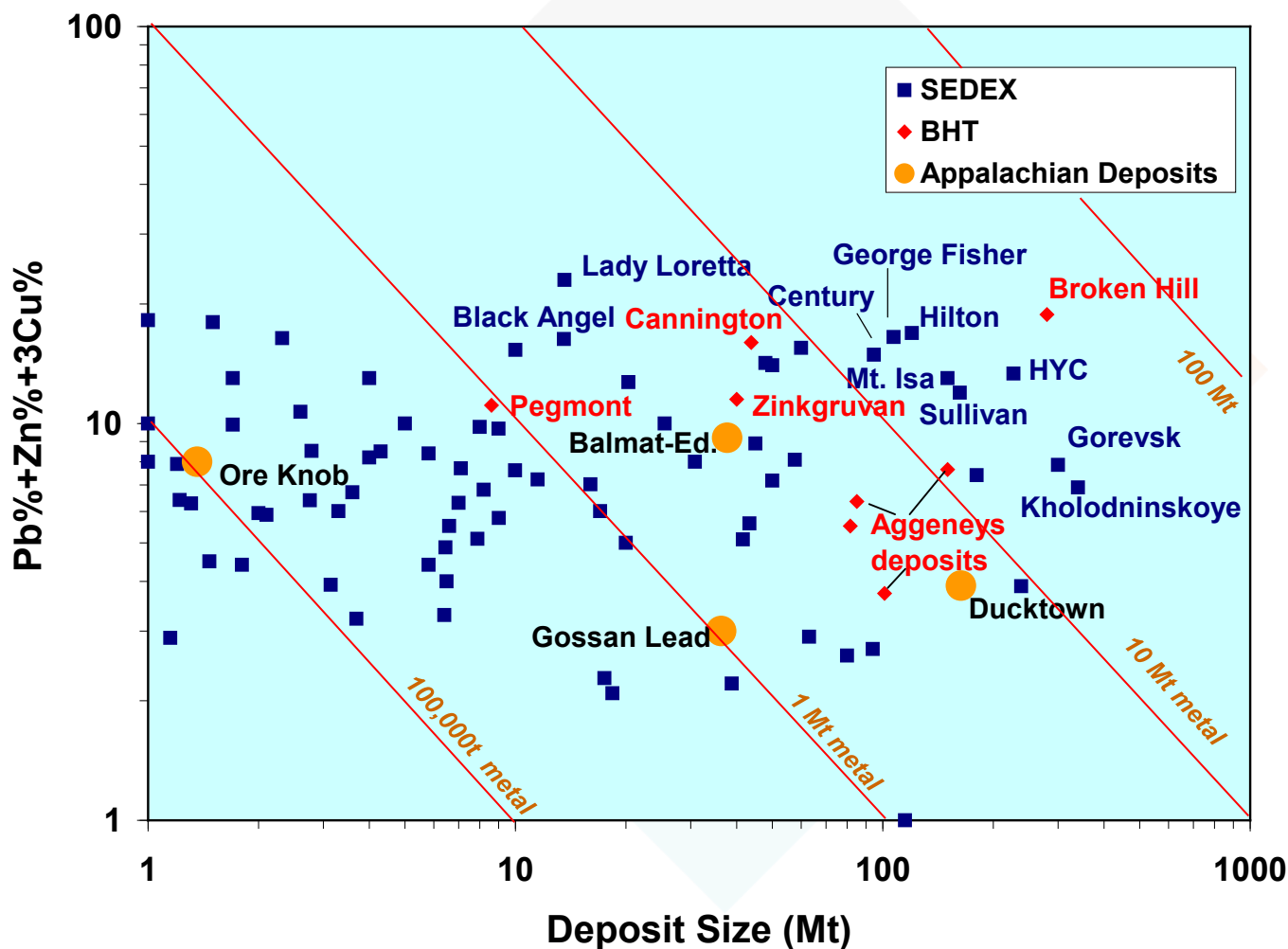
- Proterozoic-aged host rocks
- Paleo-rift sequence
- Grenville basement
- Paleozoic Acadian and Alleghenian deformation
- ***Four significant historic base metal districts***
- ***Limited modern exploration***



Base Metals: size potential

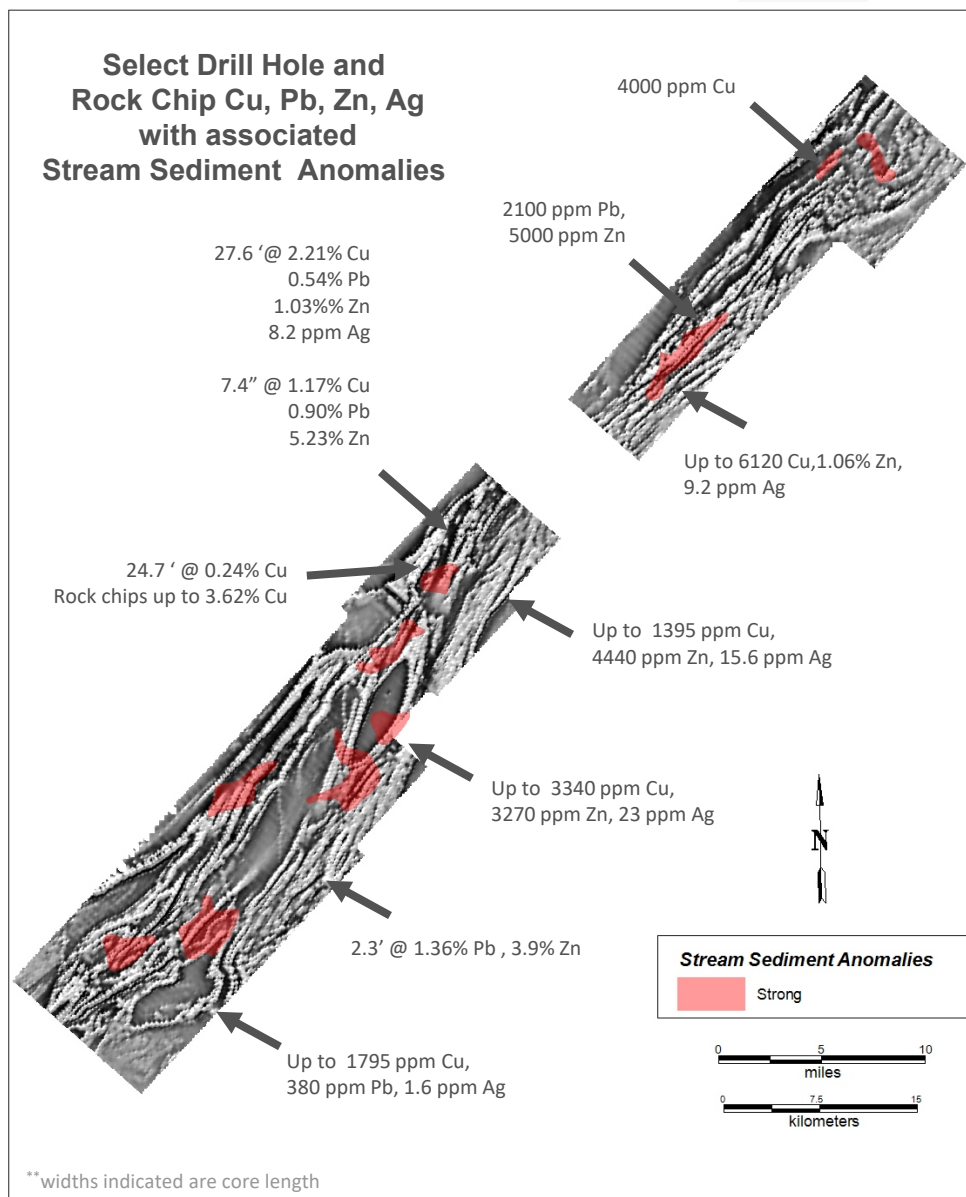
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Comparison of Appalachian SEDEX/BHT to Global Deposits



Base Metals: significant grade, drill-ready targets

TSX-V: BAY
OTCQB: ATBHF



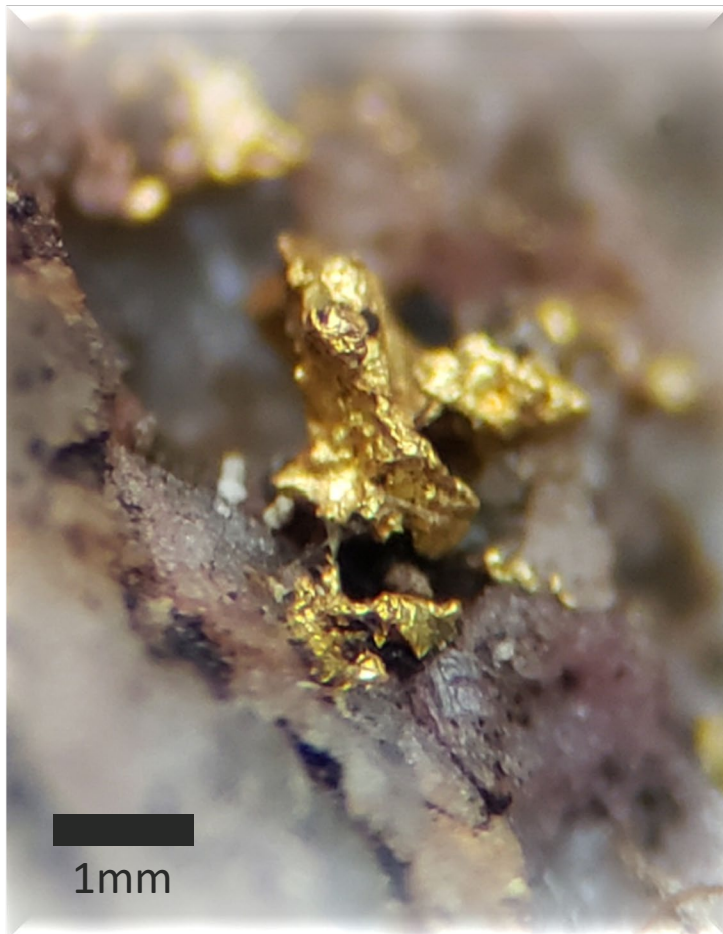
An Underexplored Base Metals Belt

Proprietary Data

- ❖ 1.2 million-acre airborne EM/Mag survey
- ❖ Sixty-mile mineralized trend
- ❖ Regional stream sediment survey
- ❖ Regional rock chip sampling
- ❖ Drill data from sparse exploratory holes

**Significant recent and historic
drilling intercepts with limited
follow-up**

Drill-ready targets



*Visible gold from outcrop,
Buckingham Gold Project*

Copper and Zinc in Nunavut

- ❖ **High grade copper and zinc at the surface**
 - Optioned to American West Metals
 - Summer 2021 field season planning underway

Gold in Virginia

- ❖ **Significant geologic potential**
 - Historic gold production and recent high-grade, near-surface gold discovery
- ❖ **Favourable jurisdiction**
 - United States: safe and secure
 - Private forestry lands: no permitting
- ❖ **Little explored since 1850**
 - Opportunity to use modern exploration methods and a modern mining mindset

Aston Bay

- ❖ **Experienced team**
- ❖ **Microcap stock with upside exposure**
- ❖ **Exposure to gold and base metals**

Aston Bay Property, Nunavut

❖ *Storm-Tornado Copper Trend and Seal Zinc*

- Optioned to America West Metals
- Summer field program planning and preparation underway
- Geophysical surveys and potential drilling, Storm-Tornado trends Q2/Q3
- Field program results and interpretation Q3/Q4

Virginia Properties, USA

❖ *Buckingham Gold Property and Brownfields Virginia Gold Belt Properties*

- Proposed IP geophysics (Q2), follow-up drilling on down-dip and along-strike extensions and possible mineralized halos (Q2-Q4)
- Continued evaluation of new gold and base metals properties in belt

For More Information

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