

ASTON BAY



Drilling for Gold and Base Metals in Virginia

November 2021

**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.



Thomas Ullrich – Chief Executive Officer, Director

Former Chief Geologist North America for Antofagasta Minerals
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2018 Thayer Lindsley Award winner for his discovery of the Taylor Pb-Zn-Ag Deposit
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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
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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

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

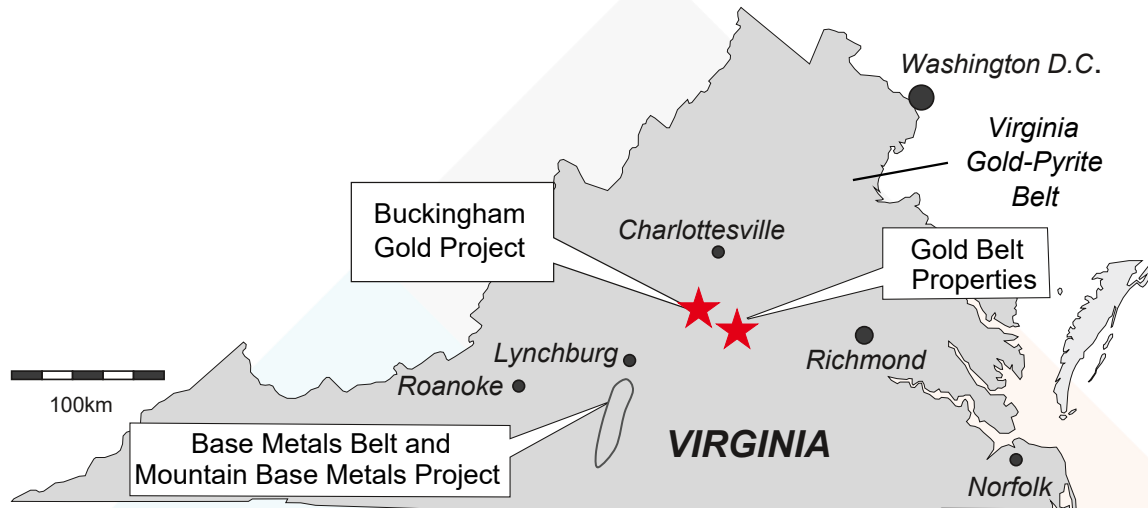
- ❖ Scarcely explored since 1850: **pre-modern exploration and mining methods**
- ❖ Shallow workings, unexploited at depth due to lack of technology and lack of capital

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

Focus: Vein Gold and SEDEX Copper-Zinc

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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.)
- **Planned drilling 2022: down dip and SE extensions**

Brownfields Gold: Gold Belt Properties

- “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
- **Drilling Q4 2021/2022**

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**
- **Mountain Base Metals Project – SEDEX discovery, currently drilling**

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

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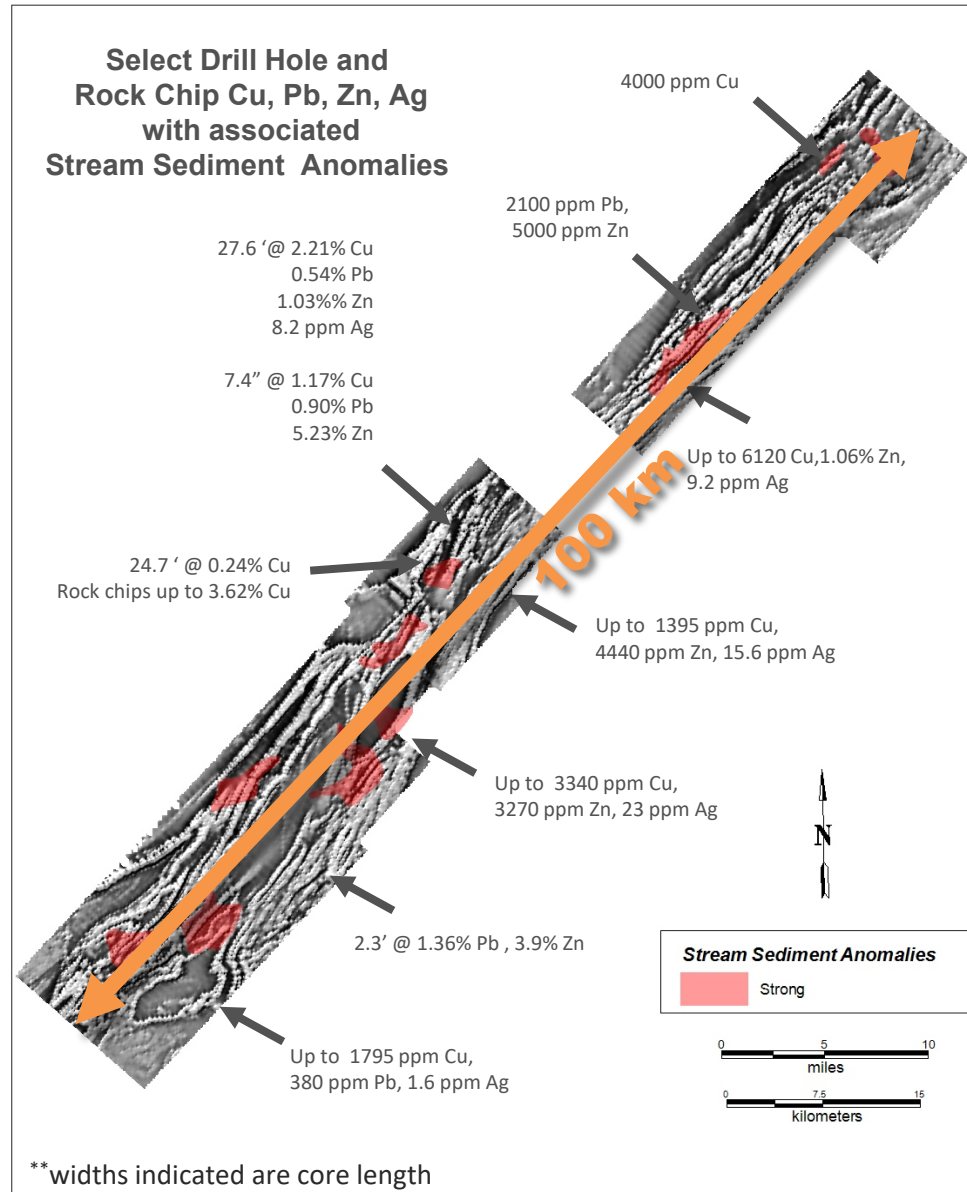


**Virginia Base Metal Belt
Mountain Base Metals Project**

**TSX-V: BAY
OTCQB: ATBHF**

Base Metals: Significant Grade, Drill-Ready Targets

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An Underexplored Base Metals Belt

Sixty-mile mineralized trend

Proprietary Data:

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

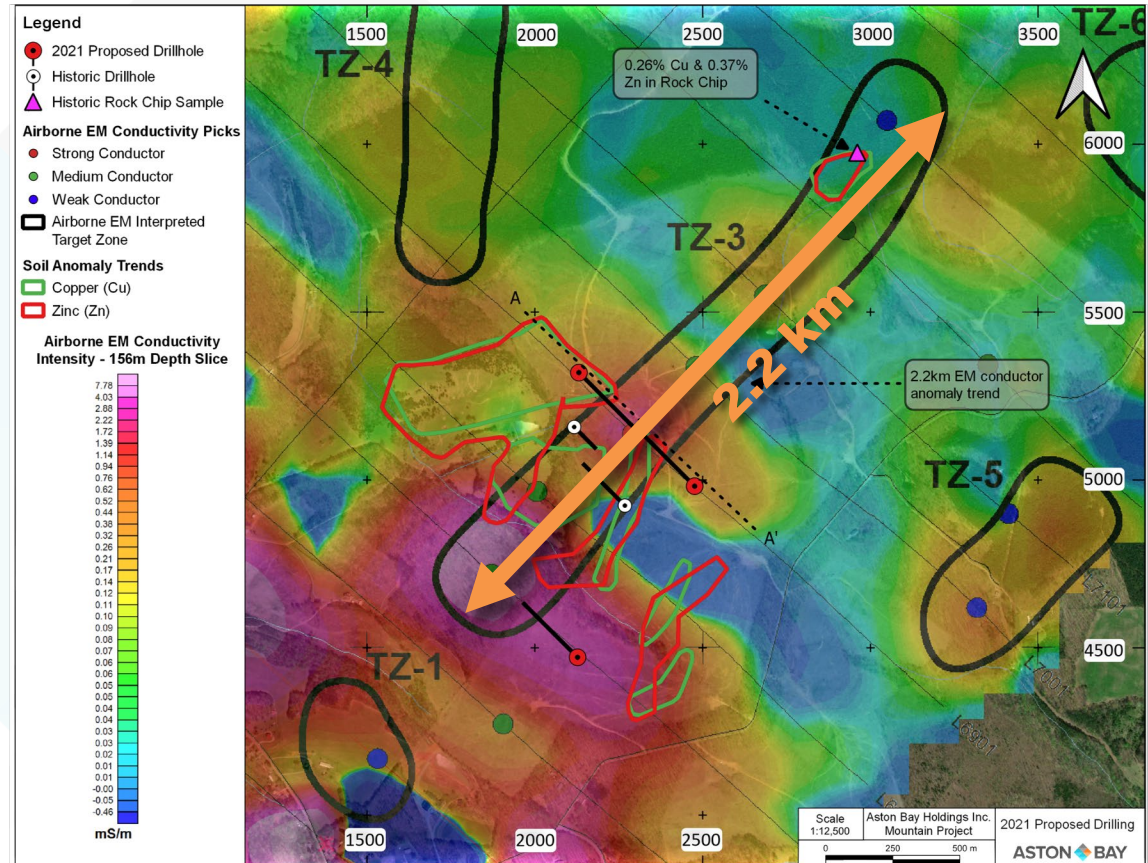
Significant recent and historic drilling intercepts with limited follow-up

Drill-ready targets

New SEDEX discovery

Mountain Base Metals Project

- ❖ Mountain Base Metals Project located on 2,072 acres (802 hectares) of private land with direct access to both highway and rail transportation.
- ❖ Several electromagnetic (EM) and magnetic anomalies delineated by reinterpretations of historic airborne and ground geophysical surveys
- ❖ Target delineated by Don Taylor's team 1990's-2010's
- ❖ **Currently drilling highest priority target (TZ-3), an airborne EM conductor anomaly 2.2 km in strike length**



Mountain Base Metals Project

- ❖ *Drilling ongoing, over 1600m completed in five drill holes*
- ❖ *Copper and zinc mineralization in all holes*
- ❖ Stacked zones of disseminated and semi-massive chalcopryrite and sphalerite, with pyrite and pyrrhotite up to 20 meters in apparent thickness (core length), with thinner zones of more concentrated disseminated and semi-massive sphalerite- and chalcopryrite-bearing mineralization on the meter to sub-meter scale.
- ❖ Quartz veins and zones of silicification deep (>300m): potential feeder zones
- ❖ **Sedimentary exhalative (SEDEX) style of mineralization – new discovery**



*Chalcopryrite and sphalerite in core
from October 2021 drilling,
Mountain Project*

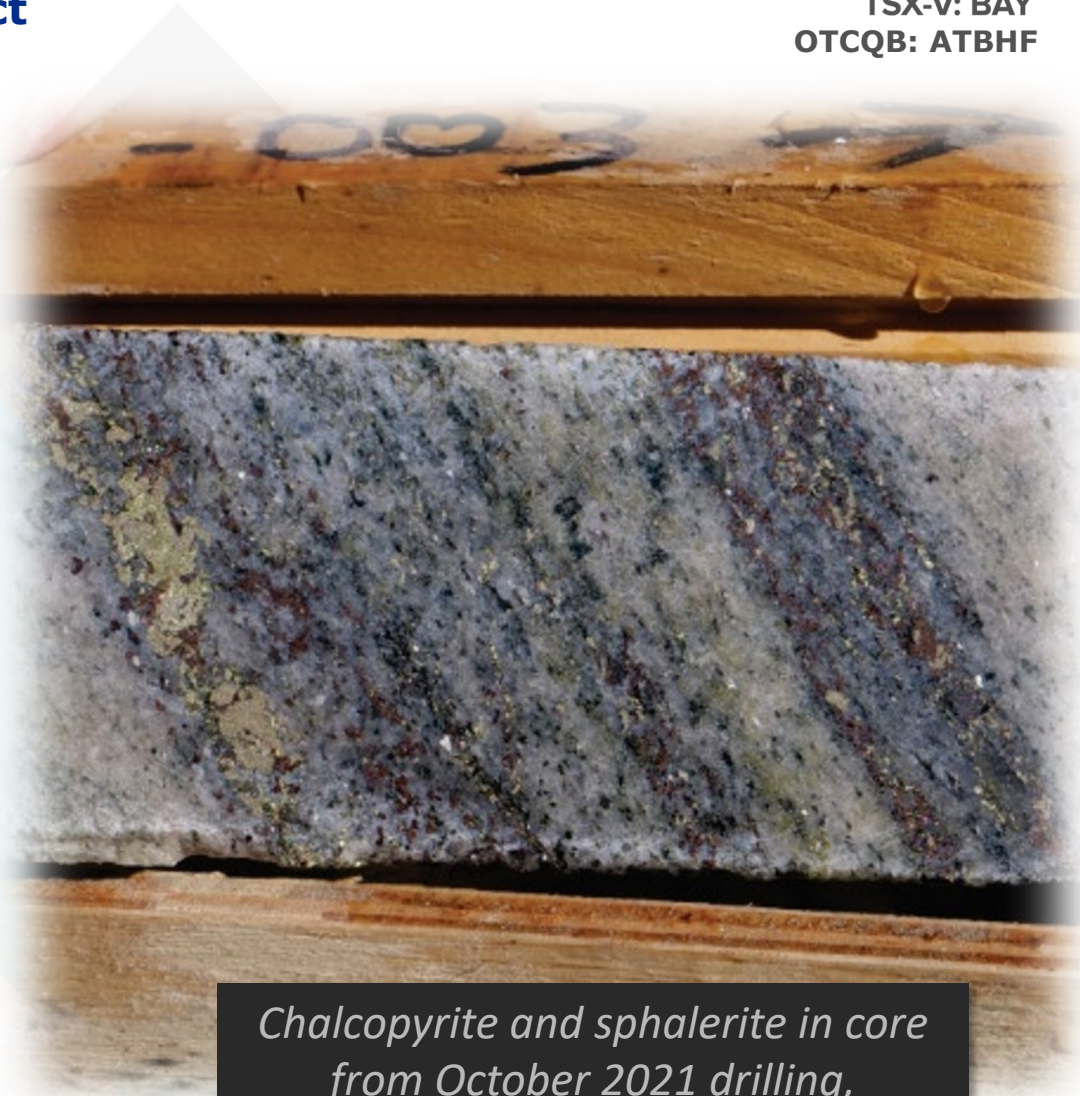
Mountain Base Metals Project

Why is SEDEX significant?

- ❖ Important source of base metals
- ❖ Size/grade potential and consistency
- ❖ Camp potential, multiple occurrences
- ❖ Examples: *Sullivan, BC*
Red Dog, Alaska
Mount Isa, Australia

Expanded Program

- ❖ *Expanded land position*
- ❖ *Assays from initial holes at lab*
- ❖ *Drill program expanded to 2,500m*
- ❖ *Drilling continues*



*Chalcopyrite and sphalerite in core
from October 2021 drilling,
Mountain Project*

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Virginia Gold Projects

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Gold Properties

Brownfields Virginia Gold Belt Property

- ❖ White quartz veins with iron oxide, pyrite and gold
- ❖ 800m reported strike length, worked to depth of ~30m in mid-1800's
- ❖ 1850's: lacked technology and capital to mine deeper
- ❖ Target: drill underneath the shallow workings to test unmined depth extents
- ❖ ***Drilling planned Q1 2022***

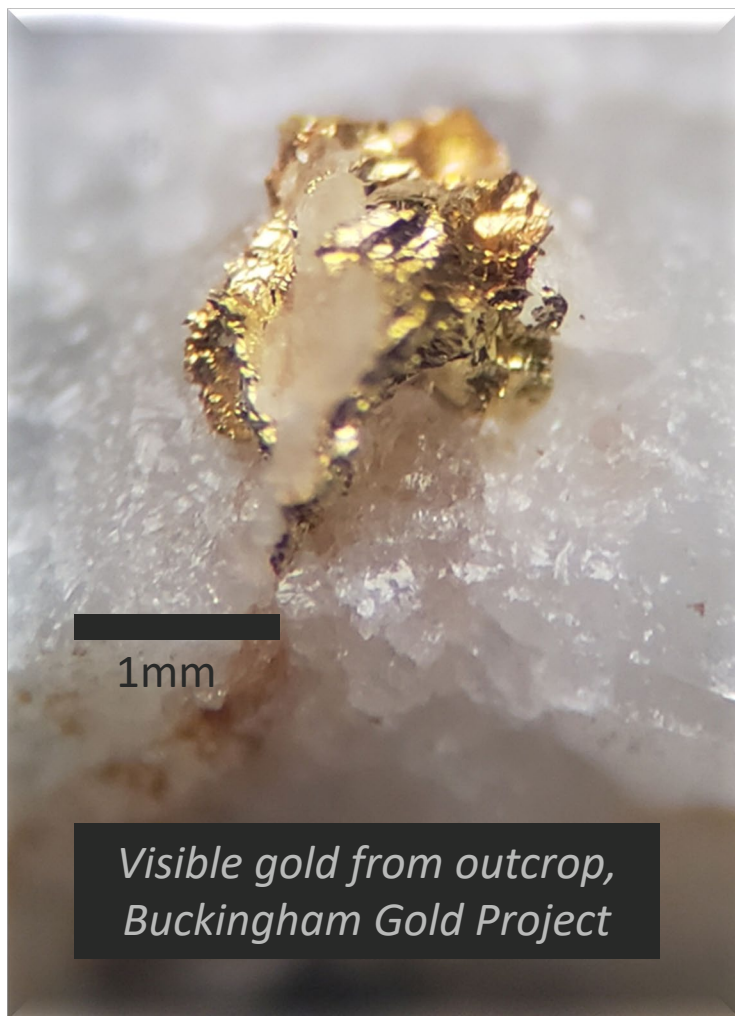


*Quartz vein float samples,
Brownfields Gold Project*

Gold Properties

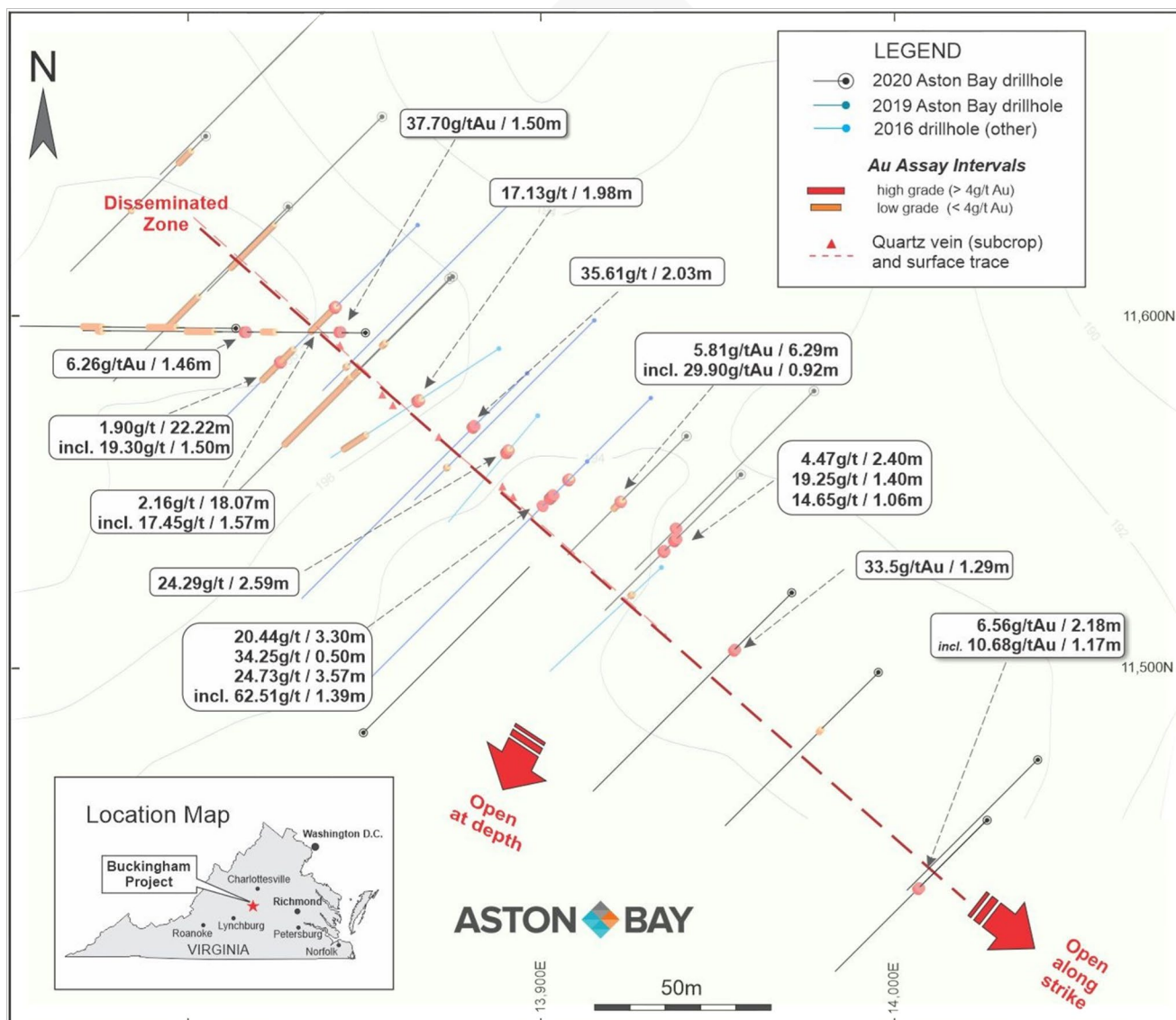
Buckingham Gold Project

- ❖ 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****
- ❖ Open along strike (>200m) and at depth (>90m)
- ❖ Additional ~500 prospective acres to be added along strike
- ❖ ***Drilling 2022: down dip and SE extensions***



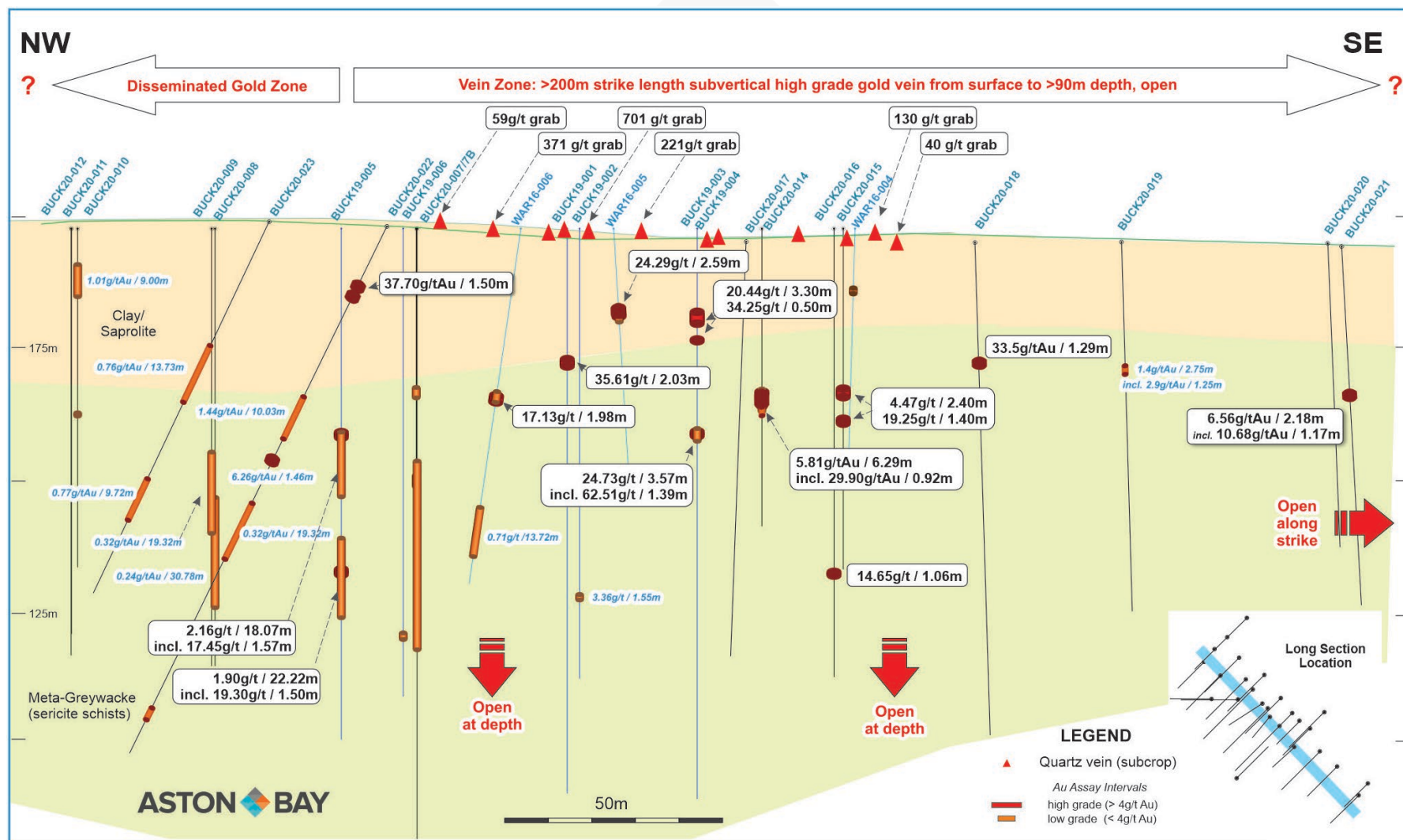
**widths indicated are core length

Buckingham Gold Project: Open Along Strike and At Depth

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

Buckingham Gold Project: Open Along Strike and At Depth

TSX-V: BAY
OTCQB: ATBHFBuckingham Long-Section (View NE)
with Select Au Assay Intervals

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

Virginia Properties, USA

❖ *Mountain Base Metals Project*

- Drilling underway, new SEDEX discovery
- Agreements for additional lands pending

❖ *Brownfields Virginia Gold Belt Properties*

- Proposed drilling underneath past producer Q4 2021/2022
- Continued evaluation of historic gold properties in belt: prospecting, soil sampling

❖ *Buckingham Gold Property*

- Proposed follow-up drilling on down-dip and along-strike extensions and possible mineralized halos 2022
- Agreements on adjacent lands forthcoming

Aston Bay Property, Nunavut

❖ *Storm Copper and Seal Zinc*

- High-grade copper and zinc, at the surface - optioned to American West Metals
- Summer ground EM geophysical program complete; results and interpretation pending Q4

For More Information

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