



# Aston Bay Holdings

Discovering High-Grade Copper and Gold in North America

## Company Overview

Aston Bay (TSXV: BAY | OTCQB: ATBHF) is an exploration company discovering high-grade copper and gold assets in North America.

The company owns a 100% interest in the high-grade Storm Copper project and the Seal Zinc Deposit in Nunavut (Canada), which has been optioned to ASX-listed American West Metals.

The company has made two new discoveries on its Virginia-based properties, located within an underexplored gold-copper-zinc mineralized belt, which has historically hosted both gold and base metals deposits.

## Why Aston Bay Holdings

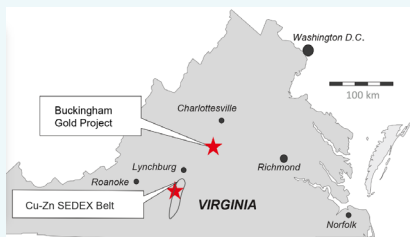
- Tier 1 Mining Jurisdictions**
  - Canada: large targets with underexplored potential; ability to finance with flow-through; well understood permitting regime
  - US: underexplored SEDEX/gold belt; excellent access to infrastructure: road, power and rail; private land - no additional drill permitting required; ability to drill year-round; attractive cost of drilling (approx. C\$250/metre (all-in))
- Strong Technical Teams**
  - Canada: Led by exploration partner, American West Metals: highly experienced exploration and development team
  - US: Leverage Don Taylor's technical experience and relationships
    - Don led discovery team of the Taylor Pb-Zn-Ag Deposit in Arizona; US\$1.6 billion sale
  - Capitalize on Tom Ullrich's previous experience at Antofagasta and Almaden Minerals; North American base metals experience and part of the discovery team on the Ixtaca Ag-Au discovery
- Recent Discoveries within Large Land Position**
  - High-grade near-surface copper and hidden sediment-hosted copper discovery at the Storm Project in Nunavut; now drilling for resource definition and new discovery
    - Actively advancing toward production, upside potential from >500,000-acre land package
  - New high-grade mesothermal/oregenic gold vein and new SEDEX zinc-copper belt in Virginia
  - Two recent discoveries, highly prospective for more, >4000 acres of private lands under agreement
  - New project potential: precious and base metals in Virginia and New Mexico



## Storm Copper Project, Nunavut, Canada

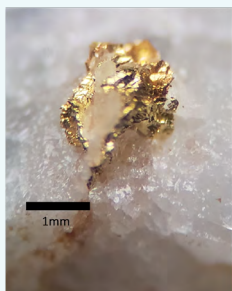
Optioned to ASX-listed American West Metals, two pathways to grow:

- Development of high-grade copper at surface.** Development of high-grade copper at surface (41m @ 4.2% copper): beneficiation tests yield 53.9% copper for a direct shipping product; excellent ESG qualities; actively advancing toward near-term production; delineation drilling underway
  - Significant discovery.** "Congo-style" sediment hosted copper mineralization discovered; regional-scale copper system
- Near-term revenue with significant upside, validation of business model



## Copper, Zinc, and Gold in Virginia, USA

- Underexplored copper/zinc/gold mineralized belt
- Aston Bay has two new discoveries in the belt:
  - High-grade mesothermal gold vein (24.73 g/t Au over 3.57m including 62.51 g/t Au over 1.39m) – significant down-dip and along strike potential
  - SEDEX style copper-zinc mineralization: size and grade discovery potential for critical metals, exposure to cobalt
- Exploring for next win



Visible gold from outcrop, Buckingham Gold Project

## Directors and Officers

|                            |               |
|----------------------------|---------------|
| <b>Thomas Ullrich</b>      | CEO, Director |
| <b>Jessie Liu-Ernsting</b> | Director      |
| <b>Jeff Wilson</b>         | Director      |
| <b>Garry O'Connor</b>      | Director      |

## Latest Announcements

- 26/09/23** Aston Bay and American West Metals Confirm Discovery of Sediment Hosted Copper System at Depth and 76m of 2% Cu from 32m at Thunder from the Storm Copper Project, Canada
- 14/09/23** Aston Bay and American West Metals Announce Field Season Summary for Storm Copper Project, Canada
- 05/09/23** Aston Bay Holdings Ltd. Announces C\$5M Brokered Financing

## Key Financials (October 2023) (CAD)

|                                   |                 |
|-----------------------------------|-----------------|
| <b>Share Price</b>                | 0.14            |
| <b>Shares Outstanding</b>         | 221.5M          |
| <b>Market Capitalization</b>      | \$31.0M         |
| <b>Share Price: Year high-low</b> | \$0.34 – \$0.02 |
| <b>Cash</b>                       | \$0.8M          |
| <b>Debt</b>                       | Nil             |

## Major Shareholders

|                                  |       |
|----------------------------------|-------|
| <b>Thomas Ullrich</b>            | 4.8%  |
| <b>Mackenzie Financial Corp.</b> | 6.2%  |
| <b>Dwight Walker</b>             | 0.39% |
| <b>Ninepoint Fund</b>            | 5.1%  |
| <b>Commander Resources</b>       | 4.7%  |

## Share Price Performance



## Contact

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## Storm Project – Nunavut – Canada

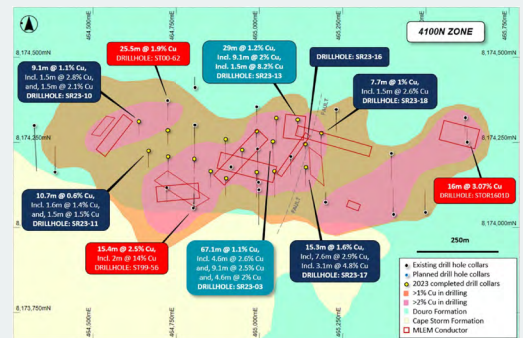
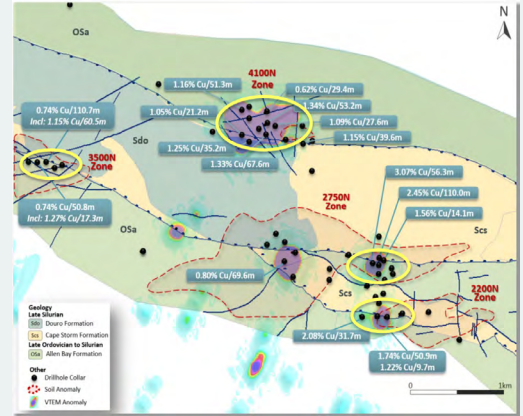
### High-grade at surface

- Multiple thick, high-grade copper zones identified across 15km<sup>2</sup> with historical intersections that include:
  - 110m @ 2.45% Cu from surface (ST97-08)
  - 56.3m @ 3.07% Cu from 2.2m (ST99-19)
  - 41m @ 4.18% Cu from 38m (ST22-05)
- Four high-grade zones discovered in historic and recent drilling: 2200N, 2750N, 3500N, and 4100N Zones, all at or near surface (<100m)
- Copper mineralization dominantly chalcocite with bornite, covellite, and minor chalcopyrite in dolostone
- Other at-surface showings still to be tested for 2,192km<sup>2</sup> of the property

### Summer delineation program complete for Q1 2024 maiden resource on near-surface zones

- Outstanding results from 2023 delineation drill programme at the 4100N Zone underway: spring and summer programmes 2023:
  - Footprint of mineralization significantly increased
  - Intersections include:
    - 67.1m @ 1.1% Cu (SR23-17)**
    - 29m @ 1.2% Cu (SR-23-13)**
    - 25.9m @ 1.3% Cu (ST23-14)**
  - Strong moving loop electromagnetic (MLEM) and vertical time domain electromagnetic (VTM) anomalism in areas outside of the current drilling

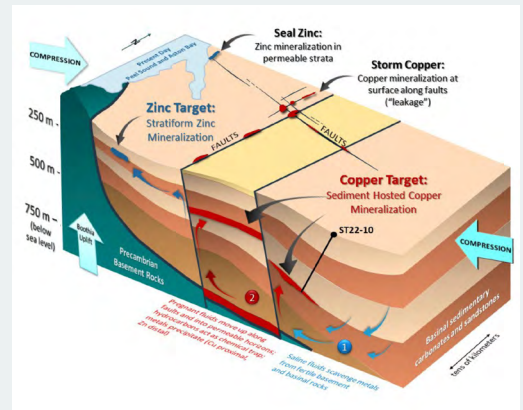
**2023 near-surface discoveries: "Thunder" 76m massive copper sulphide and breccia from 32m in ST23-03, and "Lightning Ridge" 19m massive copper sulphide from 32m.**



### Growth Story #2: Discovery of more copper at depth

#### Potential for further discovery:

- Large sedimentary basin
- Saline fluids to scavenge metals
- Efficient plumbing system (faults)
- Permeable horizons (traps)
- Effective chemical trap (bitumen)
- Metal at surface (Storm and Seal)
- Large mineralized zones at depth – confirmed in 2022 (ST22-10)
- Significant copper mineralization at depth: 2023 discovery (ST23-02 and confirmed 1.7km south in ST23-03 and 3km west in ST23-04)



## Virginia Project – Virginia – USA

### Buckingham Gold Vein Discovery- New Discovery

- High-grade, steeply dipping orogenic-style gold vein
  - 35.61g/t Au over 2.03m**
  - 24.73g/t over 3.57m incl. 62.51 g/t over 1.39m**
  - Soil sampling underway, 2023 drilling planned**

### Cu-Zn SEDEX Belt

- VMS, SEDEX, and BHT type prospects over a 100km long trend:
  - 2.77% Cu, 0.94% Zn over 5m
  - 1.17% Cu, 5.23% Zn over 2.25m
- New discovery: Cu-Zn SEDEX confirmed at Mountain Project, large size
- Negotiations advanced for additional SEDEX properties: hunting for size and grade

