



INVESTOR PRESENTATION

FALL 2021

GRAYCLIFFEXPLORATION.COM




GRAY:CSE
GRYCF:OTCQB
GE0:FSE



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Investment Highlights

- **Shakespeare Gold Project:** Exploring for high-grade gold in the “shadow” of a headframe
 - Phase 3 drilling underway
 - Phases 1 & 2 assay results completed
- **Baldwin Project:** 1,500 hectares that are adjacent with similar geology to Shakespeare
- ***The makings of a new Ontario gold camp***
- **Management:** Deep exploration experience
- **Technical Team:** Credited with major Ontario mining discoveries
- **Tight capital structure:** 25 M shares out with >30% held by management, insiders, and strategic shareholders



Shakespeare Project

Sudbury, Ontario

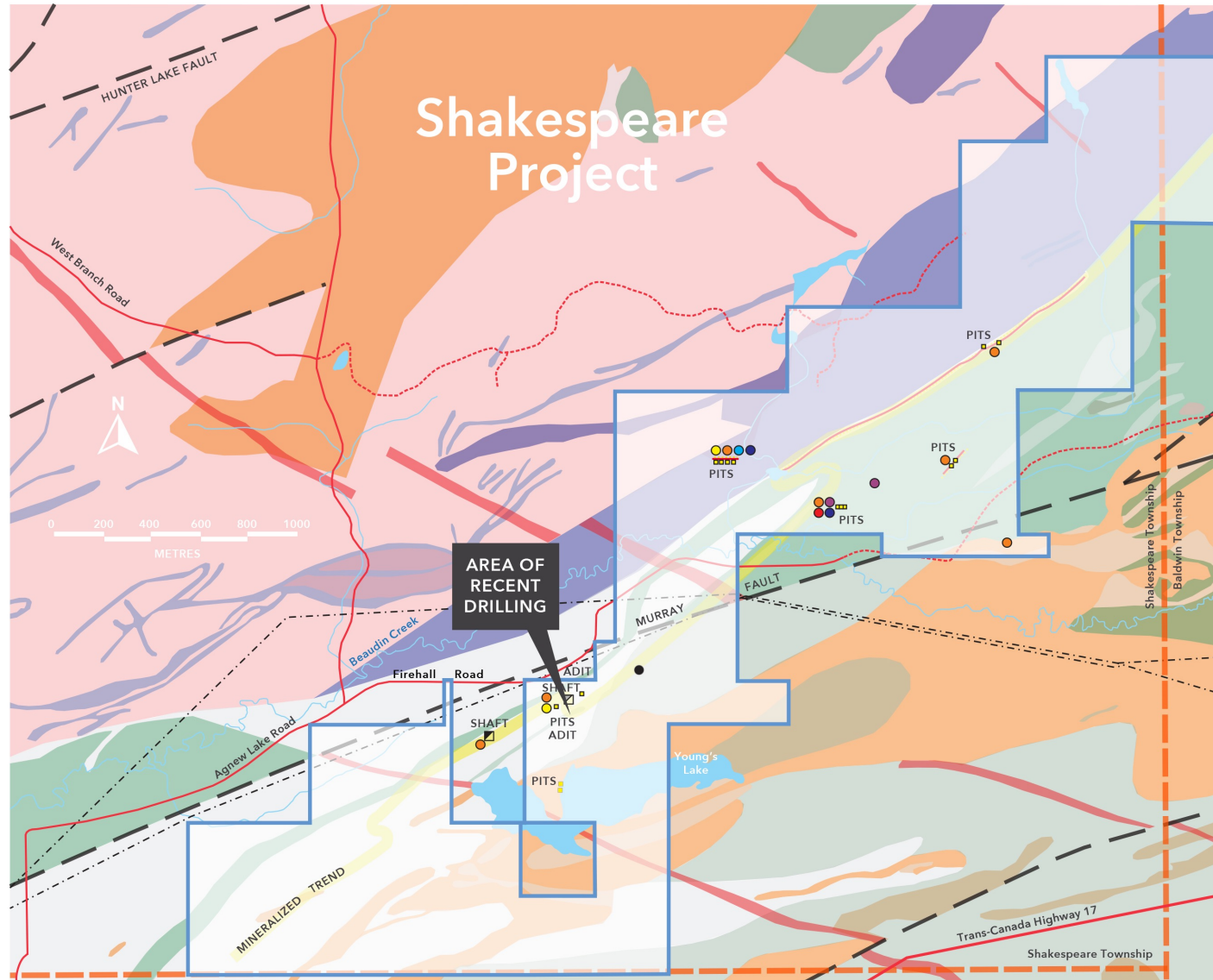
Shakespeare Project – Ontario, Canada

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- Located 88 km west of Sudbury, Ontario
- Project is located in a well-known geology on the **prolific Canadian Shield** at the contact between the Archean, Southern and Superior geological provinces
- **Excellent Infrastructure**
 - Just off the Trans-Canada Highway
 - Power and water access at site
- Property consists of one (1) crown patented lease, two (2) crown leases, and 40 mineral claims covering 1,025 ha in one contiguous block
 - **Shakespeare Mine** was in operation from 1903-1907
 - 2,959 oz of Au were produced from six underground areas
 - Phase 1 exploration program completed: Multiple gold results, incl. 5.5 m of 8.59 g/t Au in Hole J-7-20
 - Phase 2 drilling completed: Full suite of results reported.
High-grade results include - Hole J-8-21: 16 m of 16.3 g/t Au
 - Phase 3 drilling underway, two drill rigs mobilized





Regional Geology

- Mafic Dikes
- Nipissing Diabase
- McKim Formation
- Matinenda Formation
- Metavolcanics
- Early Mafic Dikes
- Gabbro Anorthosite
- Felsic Plutonic Rocks

- Quartz vein
- Shear
- Fault
- Au
- Cu
- Ni
- PGE
- Co
- Ag
- U
- Powerline
- Primary Access Road
- Secondary Road

- Waterbody
- Stream, Creek

Potential for Significant Mineralization

- Major north-east trending faults cross through the area
- A series of quartz veins and stock works of quartz veins containing sulphides has been identified on the property
- Quartz veins identified a considerable distance to the northeast of the former mine site suggest a regional structure
- Potential for other gold discoveries along the prospective Shakespeare gold-bearing horizon of over 6 km



Property Potential Yet to Be Fully Realized

- The Shakespeare mine operated from 1903 to 1907 and produced 2,959 oz of gold, when gold was US\$19 per oz.
- There was been limited historical exploration and drilling carried out until 2014, when a new strategy was developed and partially tested.
- Our team reviewed numerous historical reports and initiated our initial exploration and drilling program in Q3 2020.
- Graycliff intends to re-open the adit into the 3rd level of the former mine (the “#3 Adit”) to carry out exploration and drilling from underground.
- Airborne geophysics planned during Q4 2021.



Phase 2 drilling core: visible gold identified



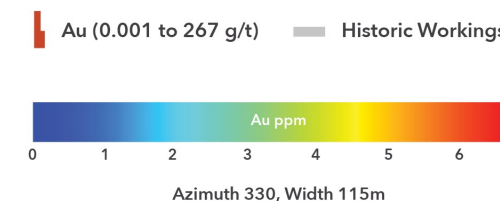
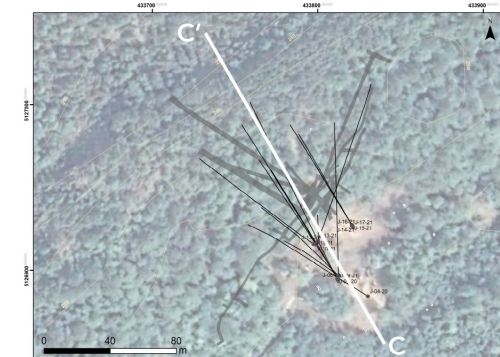
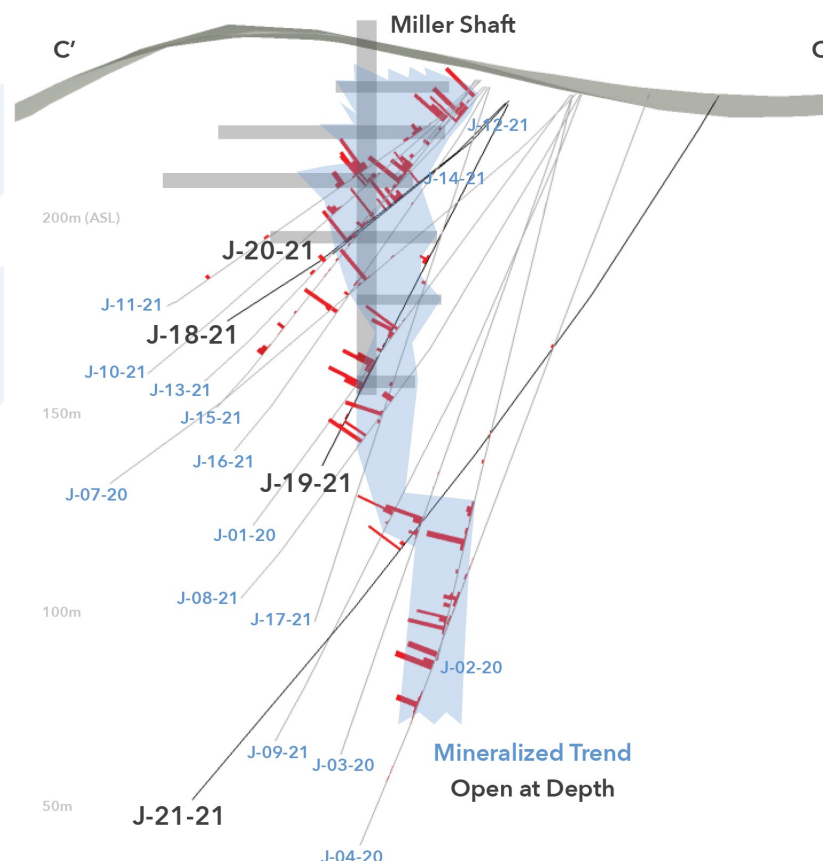
Phase One: Q4 2020 (Completed)

- 7 core holes drilled (~1,300 m): anomalous gold in 5 holes
 - **J-1-20: 4.6 m of 5.51 g/t Au at a depth of 76 m**
incl. 0.8 m of 23.6 g/t Au & 1.8 m of 3.00 g/t Au
 - **J-3-20: 5.0 m of 5.37 g/t Au at depth of 114.5 m**
incl. 1.0 m of 18.5 g/t Au
 - **J-7-20: 5.5 m of 8.59 g/t Au at depth of 68.5 m**
incl. 1.0 m of 43.60 g/t Au at a depth of 71 m
and 1.0 m of 1.83 g/t Au at a depth of 74 m

Phase Two: Q1 2021 (Completed)

14 core holes drilled (~2,000 m): mineralized zone extended to 115 m

- **J-8-21: 16 m of 16.37 g/t Au at a depth of 89 m** incl. 10.52 m of 6.50 g/t Au (90 m depth), 3 m of 67 g/t Au (102 m depth) 0.70 m of 90.10 g/t Au (102.3 m depth), and 1 m of 137 g/t Au (104 m depth)
- **J-9-21: 16 m of 13.32 g/t Au & 4 m of 52 g/t Au**
- **J-21-21: 4.2 m of 19.38 g/t & 0.6 m of 112 g/t Au**



Graycliff Resources Limited
Shakespeare Project

Interpreted Cross Section C-C'
Looking NE



Phase Three: initiated Q2 2021 (Expected Completion Q4 2022)

- ~5,000 m – average hole lengths of approximately 150 m

Line cutting for ground geophysics program (Q4)

- Identify new exploration targets for Phase 4 drilling

3D modelling (ongoing)

- Comprehensive, including historic mine workings, field sampling, all three phases of drilling and structural modelling (Q3)

Prospecting along trend (ongoing)

- Identify new exploration targets along identified gold horizon

Airborne Geophysics (Q4)



Phase 3 drilling core orientation: President and CEO, James Macintosh



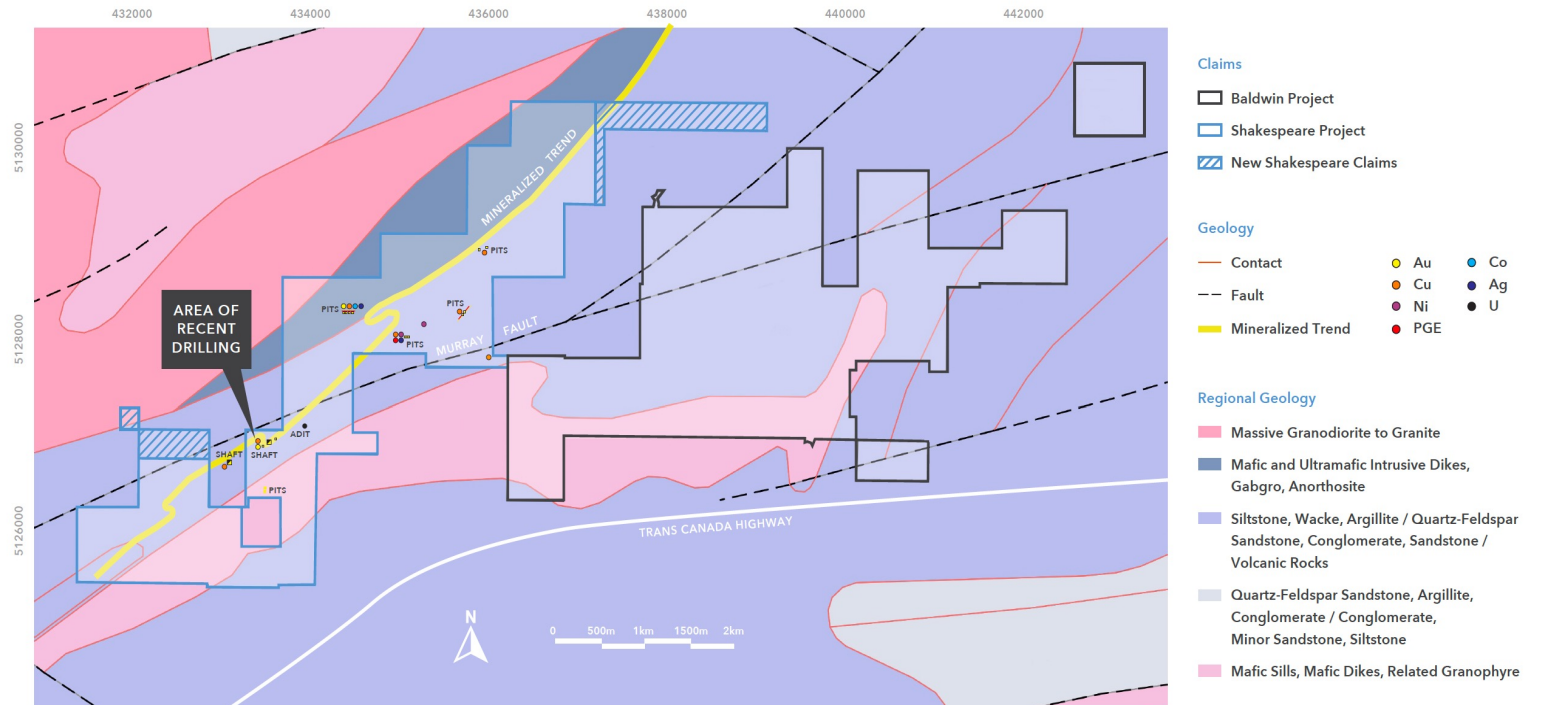
Baldwin Project

The Baldwin Project – 1,500 Hectares with Similar Geology

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- The Baldwin Project is comprised of three mining blocks totalling 68 mining claims, which are located to the east of the Shakespeare Project property boundaries.
- The Baldwin project doubles Graycliff's exposure in the vicinity of the Murray Fault and covers a major splay off the Murray Fault.
- **Initial due diligence suggests that both projects share similar geological features that the Company's technical team identified during its first two drill programs at the Shakespeare Gold Project.**
- Preliminary surface sampling and airborne geophysics planned for Q1 2022.
- Together with Shakespeare this could be the beginning of a new **Ontario Gold Camp**.





Company



James Macintosh – President & Director

- Over 35 years of experience in mineral exploration, mining research analysis, corporate finance and management of private and public resources companies
- Current President, CEO and Director of Kingsview Minerals Ltd, a private exploration company.
- Lead Director of Carlisle Goldfields prior to sale to Alamos Gold and Seed Investor and Director of Circuitmeter Inc.
- B.Sc. (Geology) and Member of Queen's University Geology Council

Julio DiGirolamo, CPA, CA – CFO & Director

- Chartered Professional Accountant with over 24 years of senior-level public company experience, 14 years of it in the mining sector
- Current CFO and Director of Monterey Minerals Inc.
- Key areas of experience include corporate governance and regulatory matters
- CFO of Carlisle Goldfields prior to sale to Alamos Gold

David Lees – Director and Non-Executive Chairman

- Director of Peninsula Investments (WA) Pty Ltd from 2007 to present
- Managing Director of Casey Lees International Pty Ltd from 2017 to present
- Non-Executive Director of Sultan Resources Ltd from March 2019 to present



Nicholas Konkin – Director

- Over a decade of experience developing successful private and public resource and technology start-ups
- Strong background in wealth management and investor relations
- Currently Vice President of Corporate Development for Grove Corporate Services

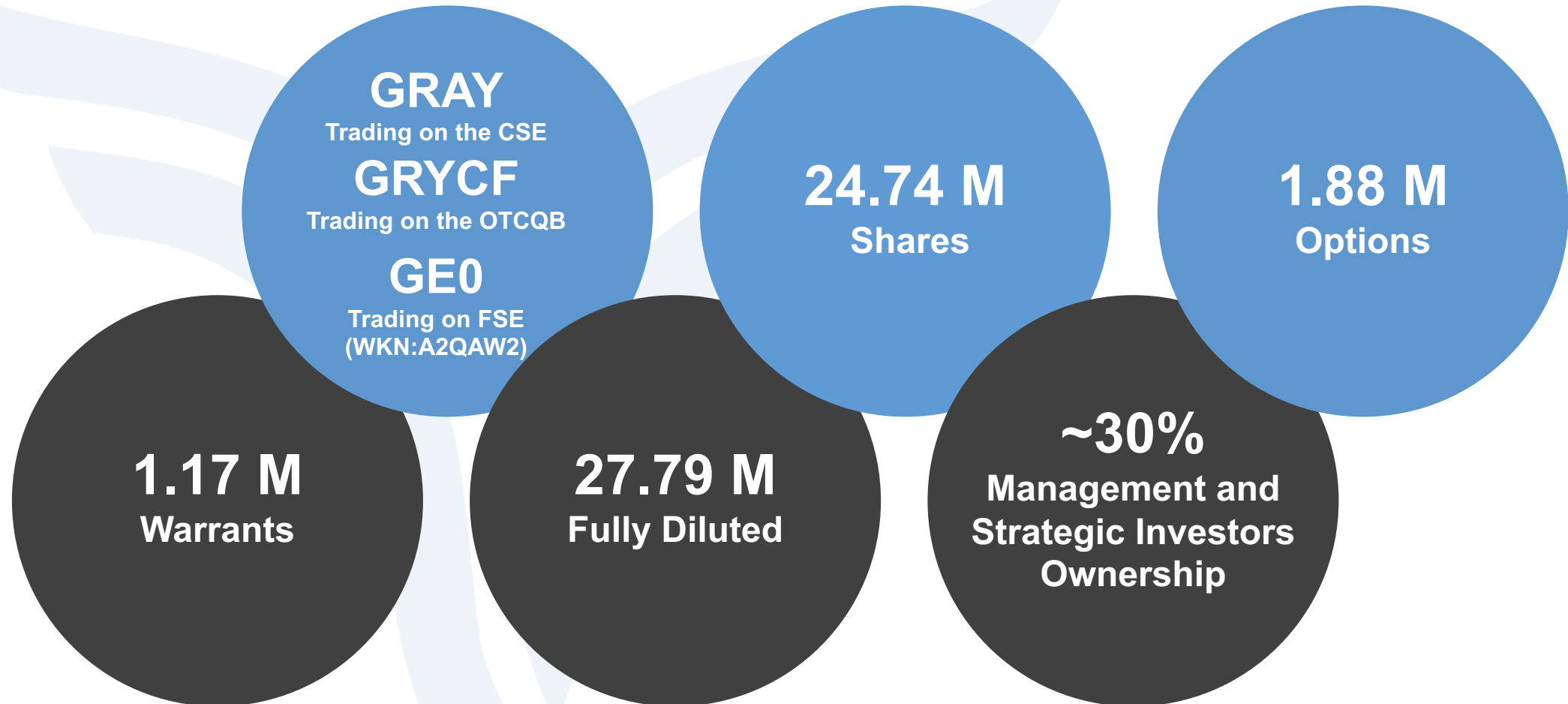
Technical Advisory Board

Bruce Durham

- Credited with the discovery of several significant economic mineral deposits including: the David Bell Mine (Hemlo), the Golden Giant Mine (Hemlo), the Redstone Nickel Mine (Timmins) and the Bell Creek Mine (Timmins)

Don McKinnon Jr.

- Very experienced prospector specializing in Ontario, who has been involved in managing all aspects of exploration from property acquisition and grass-roots exploration, to seeing projects through to development



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For More Information
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