

# INVESTOR PRESENTATION

FALL 2022



GRAY CSE   GRYCF OTCQB   GE0 FSE



Sudbury City Flag

## Investment Highlights

- **Shakespeare Gold Project:** Exploring for high-grade gold in the “shadow” of a headframe
  - All Phase 3 drilling results released
  - Phase 4 underway – VG identified in multiple holes – assay results forthcoming
  - Over 12,000 metres drilled as of Aug 2022
  - Mineralized zone: open in all directions, over 115 m NE-SW, over 120 m NW-SE, and to a depth of greater than 250 m
- **Baldwin Project:** 1,500 hectares that are adjacent and with similar geology to Shakespeare, field exploration underway
- ***The makings of a new Ontario gold camp***
- **All-Star Technical Team:** Credited with major Ontario mining discoveries
- **Tight capital structure with ~25% owned by insiders and strategic investors**





# SHAKESPEARE PROJECT

## SUDBURY, ONTARIO



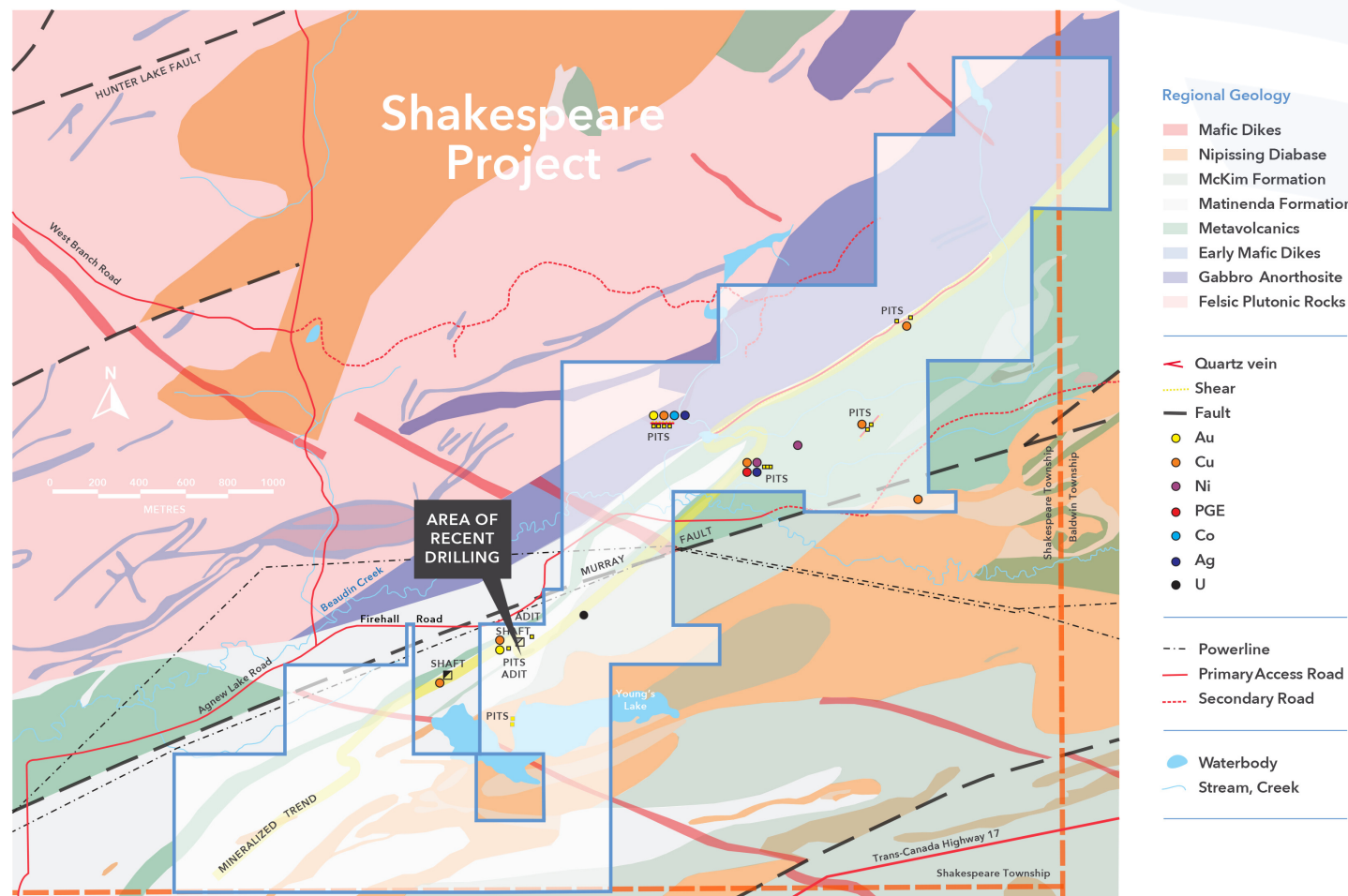
# Shakespeare Project Ontario, Canada



- 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, water and road 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
- Over 12,000 metres of core drilling completed to date
- Mineralized zone extended in all directions and multiple high-grade, significant-width gold intersections reported



# Shakespeare Project Geology



## 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



Phase 2 drilling core: visible gold identified

### Property's Massive Potential Starting to Get Uncovered

- The Shakespeare mine operated from 1903 to 1907 and produced 2,959 oz of gold, when gold was US\$19 per oz.
- Limited historical exploration and drilling had been 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 3<sup>rd</sup> level of the former mine (the “#3 Adit”) to carry out exploration and drilling from underground upon the receipt of permits.
- **Airborne geophysics** completed - the survey results identified **numerous new gold exploration target areas as well as several new copper and nickel-copper and platinum group element (“Ni-Cu-PGE”) target areas.**



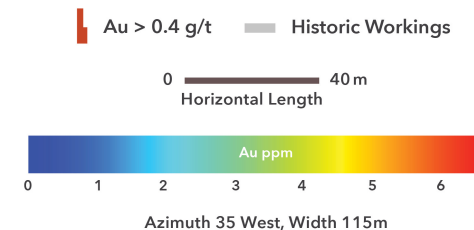
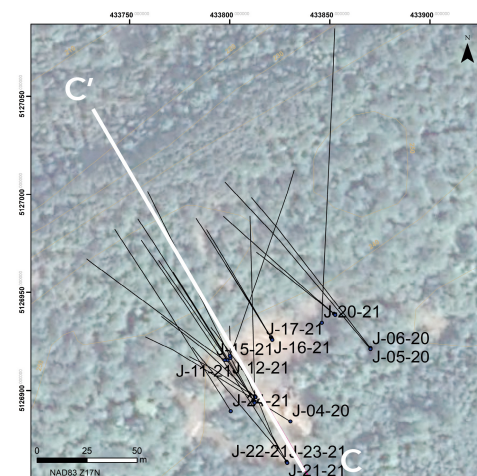
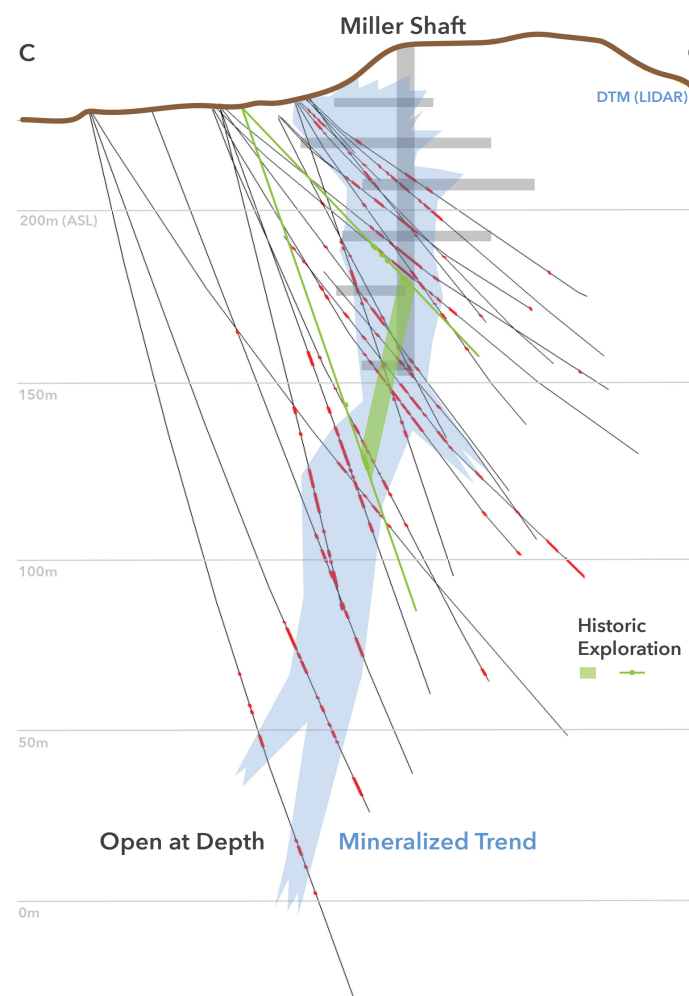
# Shakespeare Project High-Grade Au in the Shadow of Historical Headframe



## Phase 1-3 Highlighted Holes

- **J-7: 5.5 m of 8.59 g/t Au at depth of 68.5 m, incl.**
  - 1.0 m of 43.6 g/t Au & 1.0 m of 1.8 g/t Au
- **J-8: 16 m of 16.37 g/t Au at a depth of 89 m, incl.**
  - 10.5 m of 6.5 g/t Au, 3.0 m of 67.0 g/t Au, 0.7 m of 90.1 g/t Au and 1.0 m of 137.0 g/t Au
- **J-9: 16 m of 13.32 g/t Au at a depth of 104 m, incl.**
  - 1.0 m of 3.1 g/t Au and 4.0 m of 52.1 g/t Au
- **J-21: 4.2 m of 19.38 g/t Au at a depth of 138 m, incl.**
  - 1.0 m of 13.1 g/t Au and 0.6 m of 112.0 g/t Au
- **J-22: 2.7 m of 46.2 g/t Au at a depth of 167 m and 4.8 m of 46.0 g/t Au at a depth of 190 m**
- **J-31: 2.0 m of 20.52 g/t Au at a depth of 204 m, incl.**
  - 1.0 m of 39.0 g/t Au
- **J-36: 5.0 m of 6.23 g/t Au at a depth of 105 m, incl.**
  - 1.0 m of 14.3 g/t Au

>12,000 metres drilled. Mineralized zone extended and open in ALL directions.  
High-grade gold mineralization identified. VG in 4 of 11 holes in Phase 4 so far.



Graycliff Resources Limited  
Shakespeare Project

Cross Section Looking SW

# Shakespeare Project Surface Channel Sampling

## Highlighted results include:

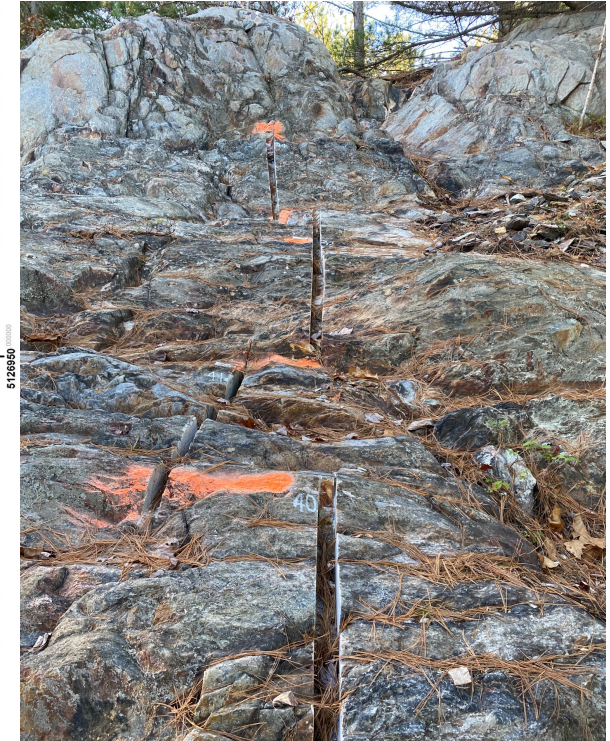
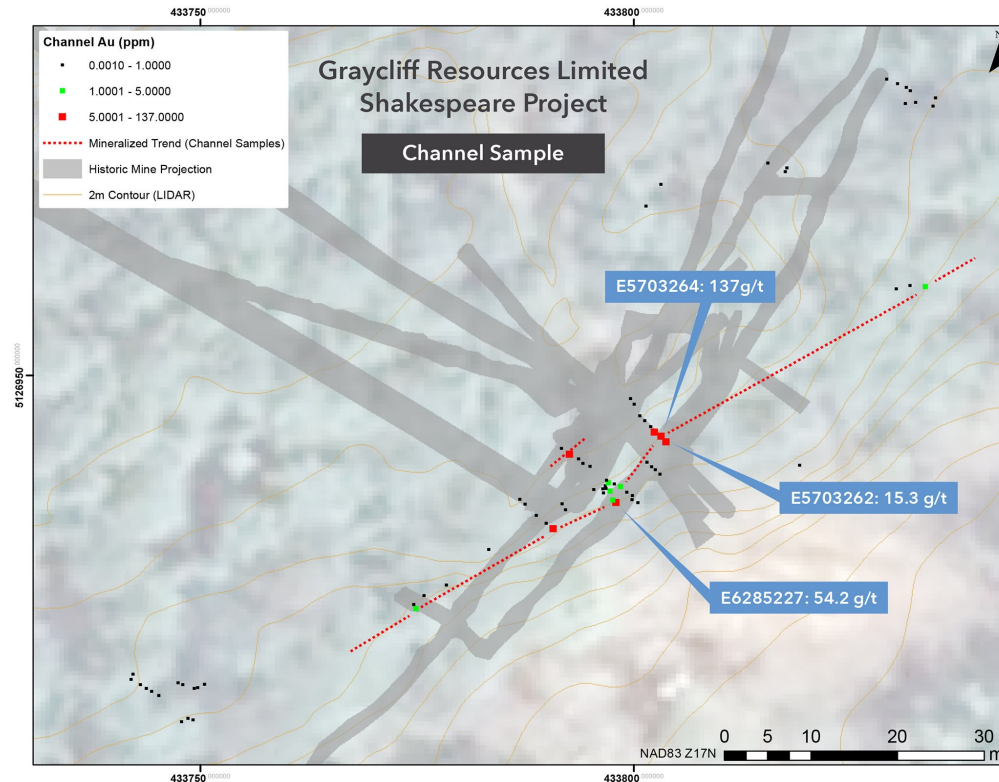
- 137.0 g/t Au over 0.71 m
- 54.20 g/t Au over 0.56 m
- 15.30 g/t Au over 0.49 m

The channel samples were located **proximal to the historic Miller Shaft and the boundaries of the mineralized zone** identified throughout drilling.

Results prove that the **mineralized zone extends from surface down to at least 250 metres** below surface.

Further surface channel sampling will be carried out as part of **summer 2022 exploration program**.

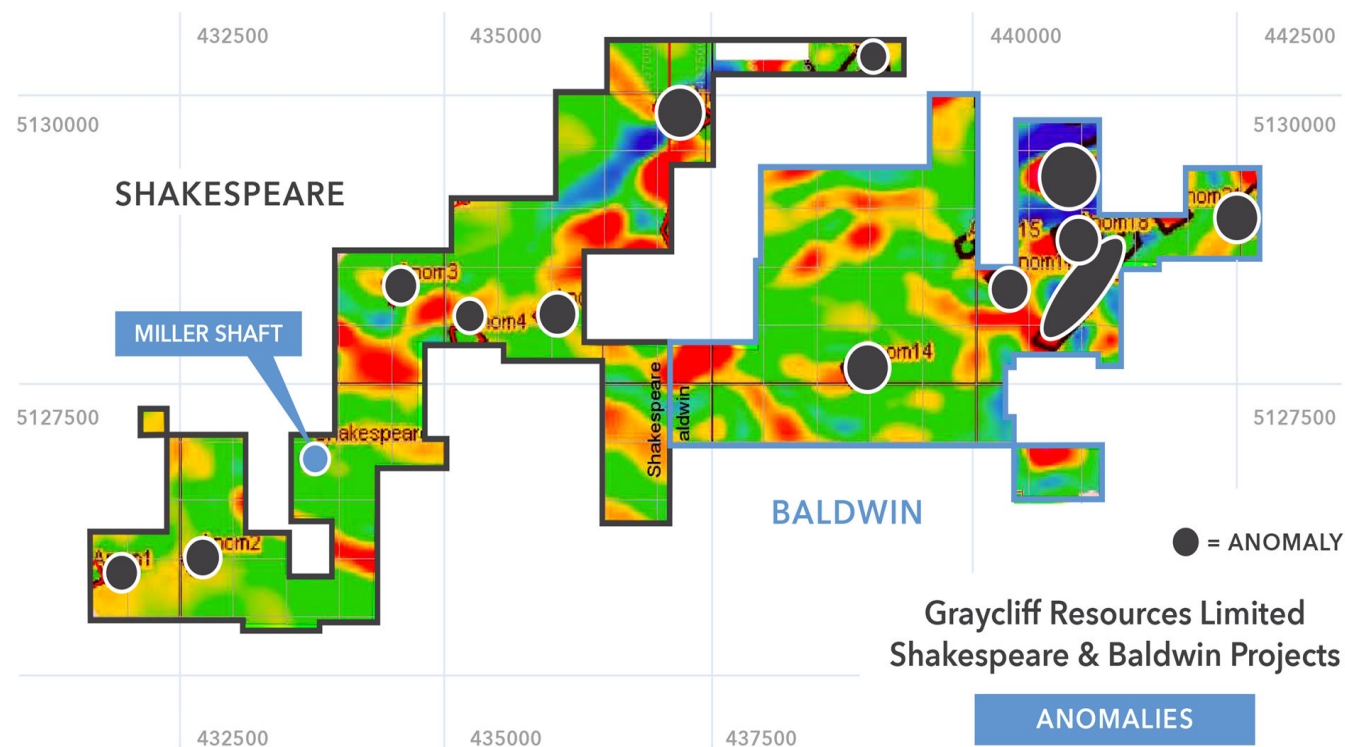
The goal is **to expand the mineralized footprint at surface** to identify new zones for future drilling.





# Shakespeare Project Geophysical Surveys

- Completed an airborne geophysical survey over the entire area of the Shakespeare and Baldwin properties with data collected continuously **along 488 line-km at 100 m linespacing**.
- Successfully defined the presence of **many potential copper, copper-gold and copper-nickel-PGE targets**.
- Successfully **delineated what appears to be a significant regional deformation zone**, that is reflected in offsets in the overall magnetic patterns, along which the historic Shakespeare mine is situated.
- VTEM and TMI are 'state of the art' geophysical surveys which constitute **the most advanced and the most detailed data ever collected over the area**.



Follow-up geological investigations, follow-up ground geophysics as well as sampling are planned in the near term to evaluate each of the target areas.

# Shakespeare Project 2022 Exploration Plan

## Completed Phase Three drilling

- ~8,000 m total completed – average hole lengths of approximately 215 m

## Phase Four drilling commenced in Q1 2022 (ongoing)

- 16 holes drilled and over 4,500 m of a minimum of 5,000 m drilled

## 3D modelling (ongoing)

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

## Prospecting along trend (ongoing)

- Identify new exploration targets along identified mineralized trend

## Airborne geophysical interpretation – New drill targets identified

Phase 3 core - looking at VG: President & CEO James Macintosh







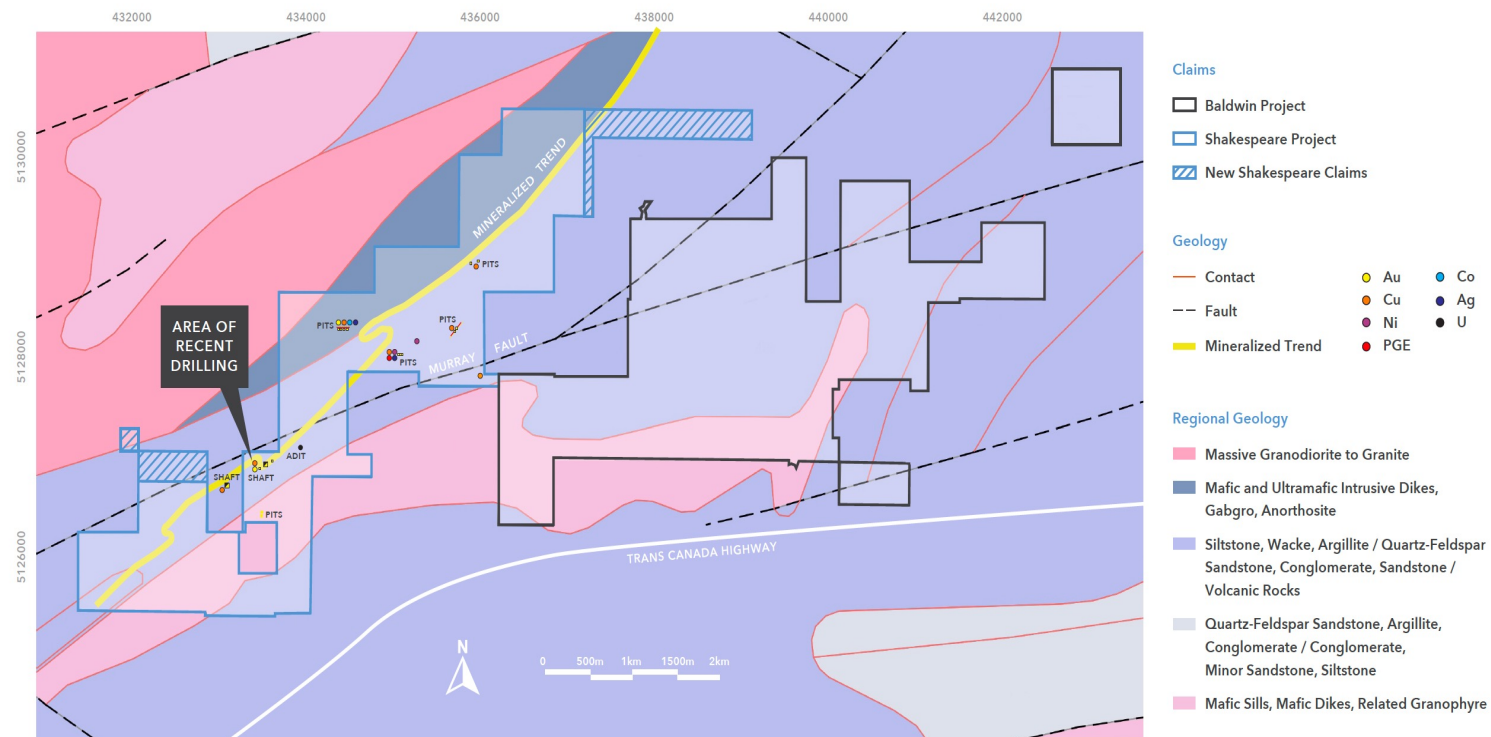
# BALDWIN PROJECT

## SUDBURY, ONTARIO

# The Baldwin Project

## 1,500 Hectares with Similar Geology

- 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.**
- Regional field sampling underway. Ground geophysics completed. Initial drilling planned for Q4 2022.
- Together with Shakespeare this could be the beginning of a new **Ontario Gold Camp**.







# COMPANY

## GRAYCLIFF TEAM & STRUCTURE

## Management and Board

### 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 junior exploration company (CSE : KVM)
- 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



## Management and Board

### 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 Director, Capital Markets for Grove Corporate Services

### Technical Advisors

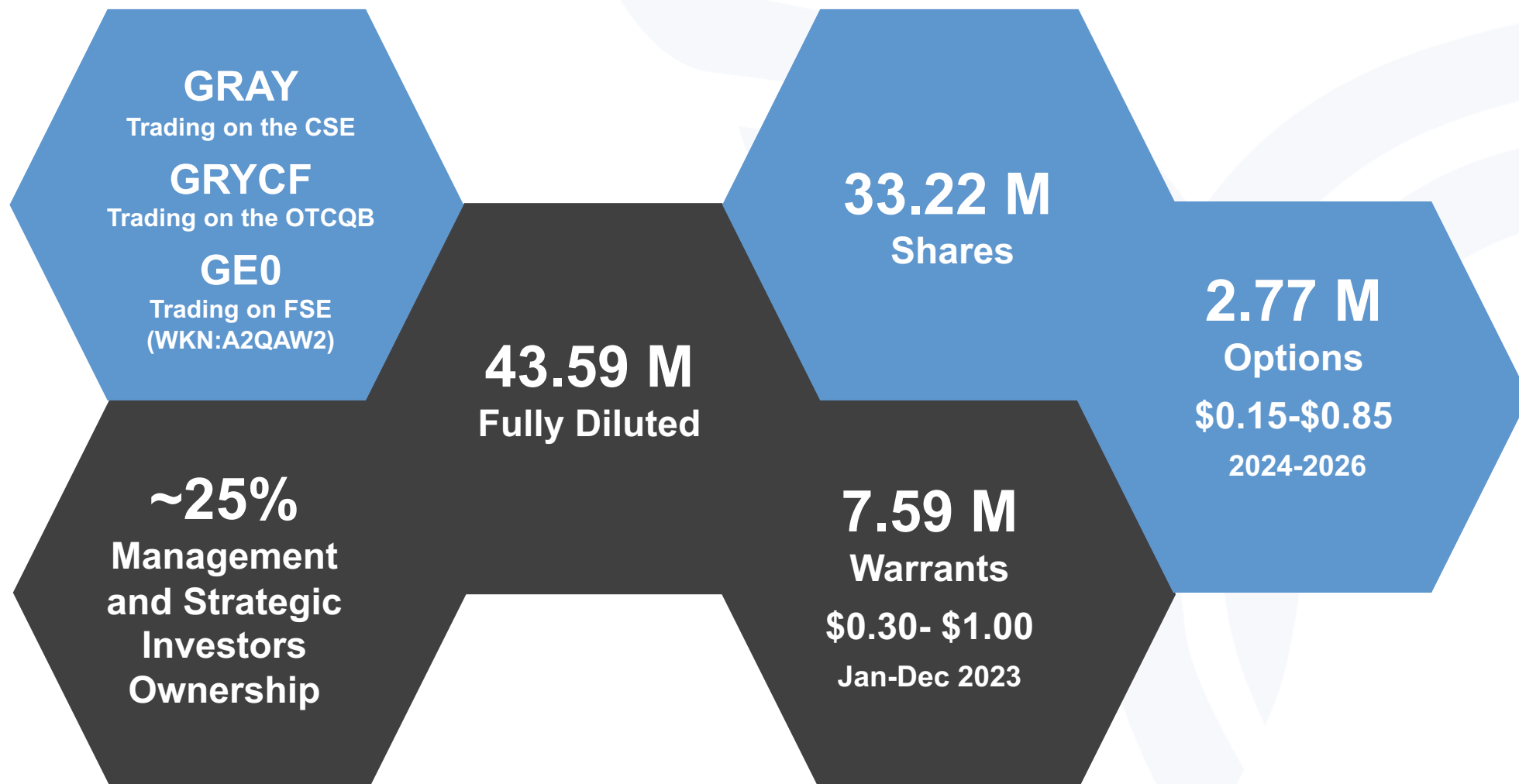
#### Bruce Durham

- 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

## Capital Structure







Sudbury City Flag

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For More Information

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FLI involves known and unknown risks, assumptions and other factors that may cause actual results or performance to differ materially. This FLI reflects the Company’s current views about future events, and while considered reasonable by the Company at this time, are inherently subject to significant uncertainties and contingencies. Accordingly, there can be no certainty that they will accurately reflect actual results. Assumptions upon which such FLI is based include, without limitation: current technological trends; the business relationship between the Company and its business partners and vendors; ability to fund, advance and develop each of the Projects, including results therefrom and timing thereof; the ability to operate in a safe and effective manner; uncertainties related to receiving and maintaining exploration, environmental and other permits or approvals in the respective jurisdictions; any unforeseen impacts of COVID-19; demand for gold, silver and base metals; impact of increasing competition in the mineral exploration business, including the Company’s competitive position in the industry; general economic conditions, including in relation to currency controls and interest rate fluctuations;

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## Forward-Looking Statements

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CAUTIONARY STATEMENT CSE: GRAY OTCQB: GRYCF Fall 2022

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