



# BITTERROOT RESOURCES LTD.

TSX-V: BTT

NOVEMBER 2024  
CORPORATE PRESENTATION

Nighthawk Gold/Silver Project

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Mr. Charles Greig, P.Geo is the Qualified Person responsible for the technical content in this presentation.



# COMPANY HIGHLIGHTS

## ***Top-Tier USA Mining Jurisdictions\****

Nevada (Gold) and Michigan (Nickel/Copper)

## ***Low-Cost, High Impact Exploration***

Year-round road-accessible targets in the USA

## ***Bottom Quartile Corporate Overhead***

Funding drilling, not lifestyles

## ***LM Nickel Project (MI)***

Ni/Cu/PGM-bearing massive sulphides,  
untested at depth.

## ***Nighthawk Gold Project (NV)***

Targeting multi-million ounce, structurally  
controlled, oxide Au/Ag deposits in Nevada's  
Walker Lane mining trend

## ***10% ownership of Perseverance Metals***

Exposure to Perseverance's portfolio of high-grade Ni  
projects - Lac Guyot (QC), Voyageur (MI) and Armit (ON)  
plus future deal flow

## ***Management "Skin in the Game"***

Directors and associates own 19%  
Plethora PM Fund owns 15%

# NIGHTHAWK GOLD PROJECT

WALKER LANE, NEVADA

Potential for multi-million ounce, structurally controlled  
oxide and sulphide gold/silver deposits



# GOLD: MARKET OVERVIEW

*Gold prices are near all-time highs, driven by macroeconomic and geopolitical events.*



# NIGHTHAWK PROJECT HIGHLIGHTS



Targeting **structurally-controlled, near-surface oxide and sulphide gold/silver** deposits.



Nighthawk Project is **100%-owned**, on BLM land, with **no royalties and easy access**.



Bitterroot's **aeromagnetic survey** identified **~15 km of previously unknown and untested structures** under ~0-30 metres of alluvium.



Bitterroot's prospecting has located **gold-mineralized angular float** throughout the survey area.



Previous **vertical** RC drilling at the neighboring **Boss/Castle/Berg** gold deposits did not adequately test for higher-grade zones in **vertical** feeder structures.



Previous explorers did not have **detailed magnetic data** to help them locate alluvium-covered **structural targets**.



# WALKER LANE GOLD TREND

The Walker Lane Structural Trend hosts some of the largest volcanic-hosted epithermal gold/silver deposits in Nevada, like **Silicon/Merlin**, **Round Mountain** and **Tonopah**.

The Nighthawk property is prospective for large, structurally-controlled oxide and sulphide gold/silver deposits.



## NIGHTHAWK GOLD PROJECT



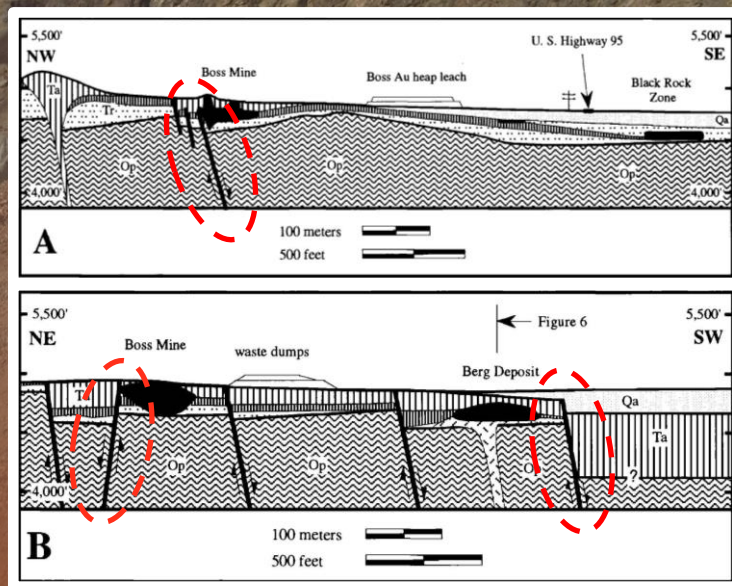
# BOSS MINE

Boss Mine Au/Ag-mineralization is controlled by a NE-trending, **vertical structural zone**

The neighboring Boss/Castle/Berg oxide gold deposits collectively host NI 43-101-compliant Inferred Resources of ~20 million tonnes grading 0.49 g/t Au.\*

The Boss/Castle/Berg deposits are laterally extensive gold deposits, with higher grade gold mineralization reported where vertical feeder faults are present.\*\*

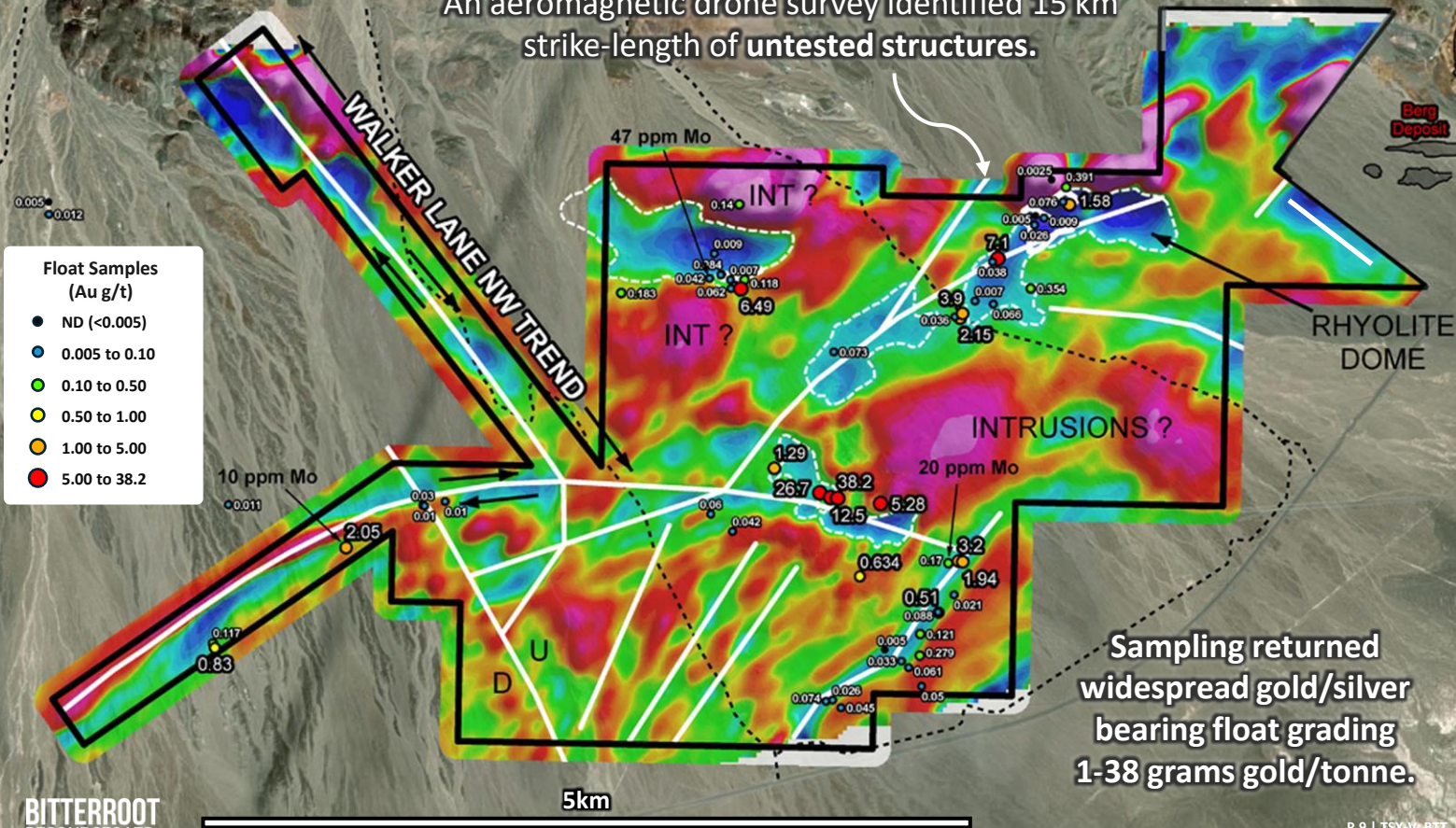
Previous drilling on these neighboring deposits has only used vertical holes, which are not ideal for testing vertical mineralized structures.





## EXPLORATION TARGETS - AEROMAGNETICS (1VD)

An aeromagnetic drone survey identified 15 km strike-length of **untested structures.**





# EXPLORATION TARGETS - AEROMAGNETICS (TMI-RTP)

NW Veins with  
High Hg + Sb +  
0.1-0.3 Au/T  
@ 6000' elevation

3,000-4,000 metres of RC drilling in 15-20  
holes is planned for early 2025.

Boss Mine + Castle/Berg Deposits  
20 million Tonnes  
@ 0.5 g Au/T

Float Samples  
(Au/g/t)

- ND (<0.005)
- 0.005 to 0.10
- 0.10 to 0.50
- 0.50 to 1.00
- 1.00 to 5.00
- 5.00 to 38.2

WALKER LANE NW TREND

RHYOLITE  
DOME

5km

1. 4 km-long Walker Lane (NW) structure
2. 6 km-long curved Mina Deflection (E-NE) structures
3. Intersection of targets 1 and 2
4. Associated smaller structures throughout claim block
5. Roof zones and margins of interpreted intrusions
6. Flanks of rhyolite domes



# NIGHTHAWK PROJECT NEXT STEPS

- *Finance drilling*

- *Reverse circulation drilling of structural targets*

- *15-20 ~200-metre angle holes) in H1-2025*



3.2 ppm Au, 9.1 ppm Ag



2.05 ppm Au, 12.4 ppm Ag



38.2 ppm Au, 339 ppm Ag



0.83 ppm Au, 15 ppm Ag

# MANAGEMENT & DIRECTORS

## Michael S. Carr

### CEO, President, Corporate Secretary & Director

Michael Carr, President, Corporate Secretary and Director, has been the Company's president and CEO since 1992. Prior to joining Bitterroot, he was an investor relations consultant for Cominco Resources International from 1988 to 1992. Mr. Carr was a registered representative of investment firm Burns Fry Limited in Vancouver, B.C. from 1985 to 1988. Prior to 1985, Mr. Carr worked as an exploration geologist for a number of companies, including Billiton Metals Canada, JMT Services, SEREM Ltd and Denison Mines. He graduated from McMaster University in 1980 with a Bachelor of Science degree in geology.

## Terence S. Ortslan

### Director

Terence Ortslan, Director, has been the Managing Director of TSO & Associates, an independent mining and metals research firm, since 1996. Prior to 1996, Mr. Ortslan worked as a mining analyst with a number of respected investment firms including BBN James Capel Inc., Loewen, Ondaatje McCutcheon Ltd., Merrill Lynch, Wood Gundy Inc., Jones Heward & Co. and Maison Placements Canada Inc. Mr. Ortslan obtained a Bachelor of Engineering and Applied Geophysics degree in 1972 and an MBA in 1974, both from McGill University.

## George W. Sanders

### CFO & Director

George Sanders, Director and CFO, spent over 15 years as a registered representative and precious metals specialist with investment firm Canaccord Capital Corporation and its predecessor companies. He has also held Corporate Development and senior management positions with Shore Gold Inc., Richmond Mines Ltd. and Consolidated Cinola Mines. Mr. Sanders served as a director of SilverCrest Mines Inc. and its successor company SilverCrest Metals Inc. He is currently a Director and CEO of Goldcliff Resources Corporation.



# ADVISORY BOARD

**Dr. Jules Lajoie** Ph.D., P.Eng.

## **Advisor**

Dr. Jules Lajoie, P.Eng., is a consulting geophysicist with 50 years experience in mineral exploration. He was previously Chief Geophysicist for Teck Resources Ltd. and Cominco Limited.

**John Wright** B.Sc., P.Eng. (retired)

## **Advisor**

Mr. Wright is a retired Metallurgical Engineer with a long and diverse career in mining and mine development. Mr. Wright is currently the Chairman of SilverCrest Metals Inc. and Lead Independent Director of Ero Copper Corp. He was a founder, director and former President and Chief Operating Officer of Pan American Silver Corp. and was also a director of Lumina Copper Corp., Northern Peru Copper Corp., Regalito Copper Corp. and Capstone Mining Corp.

**Charles Greig, M.Sc., P.Geo**

## **Qualified Person**

Charlie Greig is a consulting geologist and Principal of C.J Greig & Associates Ltd. He has over 40 years of experience leading exploration programs. His main area of expertise is project development and planning. Charlie has worked on exploration projects from grass-roots through to development, and has worked on a number of projects that have subsequently been put into production, including La India in Mexico (Grayd–Agnico Eagle), Wolverine in Yukon (Atna–Westmin, Yukon Zinc), Alamo Dorado in Mexico (Corner Bay–Pan American Silver), Brucejack Lake (Pretium), and Bisha in Eritrea (Nevsun). Charlie’s recent exploration successes include discoveries for GT Gold Corp of the Saddle North Cu–Au porphyry deposit and the high-grade gold–silver mineralization at Saddle South, as well close involvement with American Eagle and Hercules Metals as a technical advisor.

# CAPITALIZATION

**104,483,556**  
Shares Outstanding

**13,300,000**  
Warrants

**7,525,000**  
Options

**125,308,556**  
Fully Diluted

## Warrants

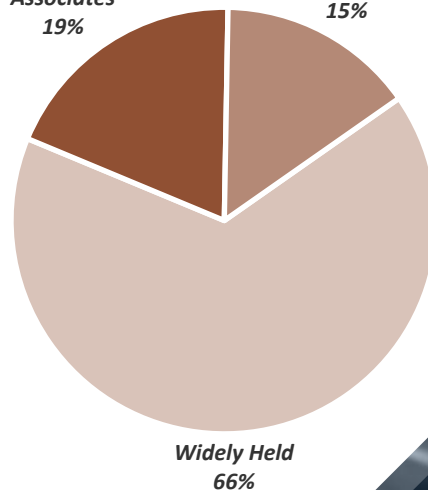
Expiry	Amount	Price
Jan 27, 2025	1,750,000	\$0.08
Feb 21, 2025	750,000	\$0.08
May 29, 2027	10,800,000	\$0.05

## Options

Expiry	Amount	Price
May 19, 2025	1,000,000	\$0.05
Jan 4, 2026	1,900,000	\$0.16
Jun 1, 2026	1,275,000	\$0.17
Apr 21, 2027	1,250,000	\$0.10
Mar 5, 2028	1,800,000	\$0.05
Mar 12, 2029	300,000	\$0.03

*Management,  
Directors &  
Associates*  
**19%**

*Plethora Precious  
Metals Fund*  
**15%**





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