



BLUE MOON METALS

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TSXV: MOON | OTCQB: BMOOF

# Advancing Critical Metal Projects in the United States

November 2024

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# Forward Looking Statements

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*Certain statements included in this presentation constitute forward-looking statements or forward-looking information under applicable securities legislation. Such forward looking statements or information are provided for the purpose of providing information about management's current expectations and plans relating to the future. Readers are cautioned that reliance on such information may not be appropriate for other purposes, such as making investment decisions. Forward-looking statements or information typically contain statements with words such as "anticipate", "believe", "expect", "plan", "intend", "estimate", "propose", "project", or similar words suggesting future outcomes or statements. Forward-looking statements or information in this presentation include, but are not limited to, statements or information with respect to: business strategy and objectives; and development and exploration plans. Forward-looking statements or information are based on a number of factors and assumptions which may prove to be incorrect. Although the Company believes that the expectations reflected in such forward looking statements or information are reasonable, undue reliance should not be placed on forward-looking statements because the Company can give no assurances that such expectations will prove to be correct. Forward-looking statements or information are based on current expectations, estimates and projections that involved a number of risks and uncertainties which could cause actual results to differ materially from those anticipated by the Company and described in the forward-looking statements or information. These risks and uncertainties include, among other things: the ability of management to execute its business plan; general economic and business conditions; the risks of the mining industry and fluctuations in commodity prices; risks and uncertainties involving geology of mining deposits; the uncertainty of development and exploration activities; the uncertainty of estimates and projections relating to production, costs and expenses; the uncertainty of obtaining regulatory, including environmental approvals and uncertainties as to the availability and cost of financing. The foregoing list is not exhaustive of all possible risks and uncertainties. The forward-looking statements or information contained in this presentation are made as of the date hereof and the Company undertakes no obligation to update or revise any forward-looking statements or information, whether as a result of new information, future events or otherwise unless required by applicable securities laws. This presentation is for general background information purposes only and does not constitute an offer to sell or a solicitation to buy the securities referred to herein.*

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*Dustin Small, P.Eng, a non-independent qualified person as defined by NI 43-101, has reviewed the scientific and technical information that forms the basis of the information presented in this presentation.*



# Investment Highlights – 100% Owned Blue Moon Deposit



## US POLYMETALLIC DEPOSIT; 2023 NI 43-101 RESOURCE

- High-grade polymetallic resource - +US\$400/tonne recoverable 'ore' at October 2024 metal prices
- Potential for significant production of zinc, copper, gold, silver and speciality products such as barite, gypsum, pyrite, gallium & germanium
- Preliminary economic assessment (PEA) awarded to Micon and release date is Q1 2025
- Similarities in size, grade and scope to Adriatic Metals (ADT-ASX) Vares polymetallic mine supporting a ~US\$1b mcap



## STRONG POTENTIAL TO EXPAND RESOURCES

- Limited work on project since 1990s, when Boliden permitted an exploration shaft and a pre-feasibility study had been completed
- Excellent potential to increase resource
- Limited to no drilling below 600m depth
- 2018 drilling included 30 ft of 30.3% Zn, 1.7% Cu, 1.67 g/t Au and 71 g/t Ag (36.8% ZnEq) (1)
- 2019 drilling included 25 ft of 25.6% Zn, 0.9% Cu, 0.68 g/t Au and 17 g/t Ag (28.5% ZnEq) (1)



## LOW-RISK EXECUTION AND KEY VALUE DRIVERS IN THE NEAR-TERM

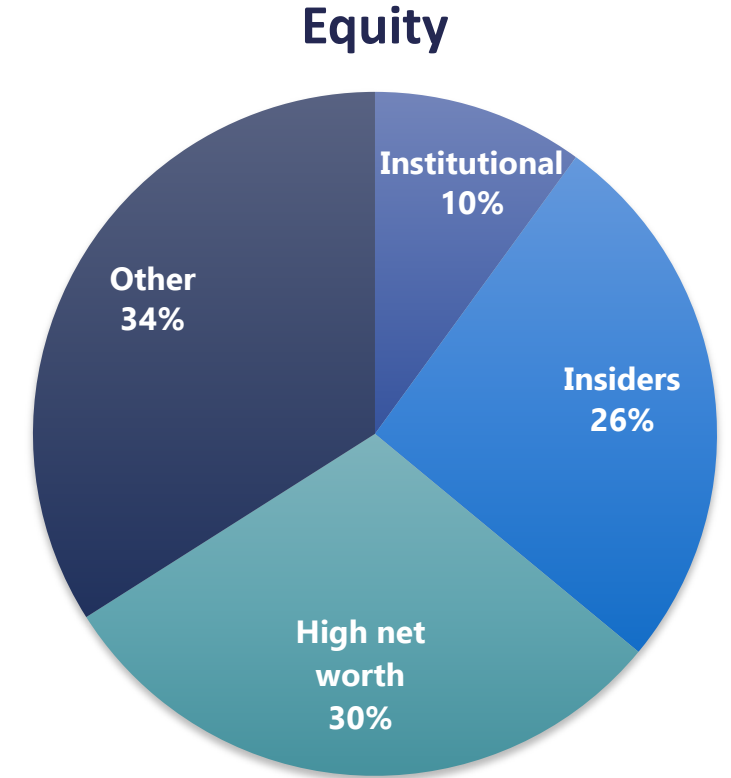
- Blue moon to advance development through an exploration ramp/shaft post pea
- Project could be largely funded with us government grants and debt and precious metals streaming – deposit has negligible royalty burden
- Vested mining right exists and development can be done on private land
- New management and board has strong access to capital and development expertise to advance blue moon and take on additional critical metals projects



# Share Structure

<b>SHARES ISSUED</b>	<b>52.8 MILLION</b>
RSUS AND DSUS	1.8 MILLION
OPTIONS (\$0.10-\$0.50)	2.6 MILLION
FULLY DILUTED	57.2 MILLION

<b>CASH (SEPTEMBER 30, 2024)</b>	<b>~C\$1M</b>
EQUITY HOLDING IN HONEY BADGER (TSXV: TUF)	OCT 2024: ~C\$1M



Shareholder base consists of some of the most sophisticated investors in the mining sector, including more than 55% of the holders of **Adventus Mining Corporation**, sold to **Silvercorp Metals** for ~C\$235M in July 2024



# October 2024 New Management and Board

## CHRISTIAN KARGL-SIMARD, P. ENG.

### *President, CEO & Director*

Founder and CEO of Adventus Mining which was sold for \$235M in July 2024

Prior to Adventus, spent 10 years in investment banking. Roles with Raymond James Ltd. and Haywood Securities Inc.

During his investment banking tenure, was involved in financings raising more than \$7 billion and assisted in completing over 35 M&A transactions

## FRANCES KWONG, CPA

### *CFO & Corporate Secretary*

Former VP Finance, CFO and Corporate Secretary of Adventus Mining

Has 35 years experience with international mining issuers

Experience in financial reporting and regulatory matters

## MARYSE BELANGER, P. ENG.

### *Non-Executive Chair*

Board member of Equinox Gold which has two mines in California

Former Chair of Adventus Mining which was sold to Silvercorp for \$235M in July 2024

Former Interim CEO and Board Chair of IAMGOLD and advanced the flagship Côté Mine toward production

Previously President, COO and Director of Atlantic Gold which was sold for \$722M

Previously Senior Vice-President, Technical Services with Goldcorp

Previously Director of Technical Services, Kinross Gold Corporation in Brazil and Chile

## HAYTHAM HODALY

### *Director*

Senior Vice-President, Corporate Development of Wheaton Precious Metals since 2012

Has been involved in \$9 billion worth of streaming transactions

Prior to Wheaton, spent 16 years in the securities industry, most recently as Director and Mining Analyst, Global Mining Research, RBC Capital Markets

Was formerly Co-Director of Research and Senior Mining Analyst at Salman Partners inc.

## PATRICK MCGRATH, CPA

### *Director*

CPA with 25 years+ in financing and executive roles in junior sector

Former CEO/CFO of Cub Energy, an oil and gas producer with peak gross production of 7,500 boe/d

Was CFO of Anatolia Energy which raised \$37 million and was acquired by Cub Energy in 2013

## CHRISTIAN ARAMAYO

### *Advisor to Board Experienced COO*

## GARFIELD MACVEIGH

### *Advisor to Board VMS exploration expert*



# 2023 NI 43-101 Blue Moon Mineral Resources Estimate

CATEGORY	CUTOFF	TONS > CUTOFF (MT)	GRADE > CUTOFF					ZNEQ %	CONTAINED METAL (MILLIONS)				
	ZNEQ		ZN	CU	AG	AU	PB		LBS	LBS	LBS	OZS	OZS
	%		%	%	OZ/T	OZ/T	%		ZN	CU	PB	AG	AU
INDICATED	4	3.514	6.14	0.75	1.54	0.05	0.24	11.07	431.44	52.57	16.81	5.40	0.157
INFERRED	4	3.830	5.94	0.59	1.56	0.05	0.34	10.71	454.77	45.04	25.79	5.98	0.186

- ZnEq resource grade at October 2024 spot pricing would be 2-3% higher. Resources do not include credits for barite, gypsum, pyrite, gallium and germanium, which are all being assessed for future upside in the ongoing PEA
- Deposit is open for expansion in most directions

THE PARAMETERS USED IN THE NI 43-101 WERE AS FOLLOWS:

(\*) A NI 43-101 REPORT DETAILING THE RESOURCE AND SUMMARIZING METALLURGICAL RECOVERIES IS AVAILABLE ON THE COMPANY'S WEBSITE (WWW.BLUEMOONMINING.COM) AND FILED ON SEDAR ON NOVEMBER 27, 2023. THE EQUATION TO CALCULATE ZNEQ IS AS FOLLOWS:  $ZNEQ = (ZN\% * 27.55 + CU\% * 69.75 + PB\% * 18.05 + AG(OZ/T) * 14.95 + AU(OZ/T) * 1,260) / 27.55$ . MINERAL RESOURCES ARE NOT MINERAL RESERVES AND DO NOT HAVE DEMONSTRATED ECONOMIC VIABILITY. THERE IS NO CERTAINTY THAT ALL OR ANY PART OF MINERAL RESOURCES WILL BE CONVERTED TO MINERAL RESERVES.

Metal	Price (US)	Recovery (%)	ZnEq Factor
Zinc	\$1.45/lb	95	27.55
Copper	\$3.75/lb	93	69.75
Lead	\$0.95/lb	95	18.05
Silver	\$23.00/oz	65	14.95
Gold	\$1,800.00/oz	70	1,260.00



# History of Majors at Blue Moon



1943-1945

Hecla performed small scale mining during World War II; 56,000 tons grading 12.3% zinc

1981-1984

Imperial Metals (Colony Pacific) completed approximately 33,000 feet of diamond drilling

1984-1988

Westmin completed approximately 57,000 feet of diamond drilling  
Commenced engineering, metallurgical, hydrological and environment baseline studies

1989-1991

Boliden obtained a permit and approval to build a shaft to continue underground development and resource expansion

Barrick (Lac) completed approximately 20,000 feet of drilling

1994-2007

Former VP of Westmin acquires Blue Moon project. Project in same ownership stable for last 25+ years  
Blue Moon (Savant) created as a result of two corporate spinouts of advanced stage zinc assets

2008

Blue Moon issues a NI 43-101 resource estimate via previous and well-documented work programs

2018

Blue Moon applied for and received multi-year drill permit  
Phase I drilling successfully completed – discovered high-grade zone within the deposit

2019-2020

Continued drilling of high-grade zones in 2019/2020  
Buyback of 5% NPI  
Buyback of 2% NSR

2021

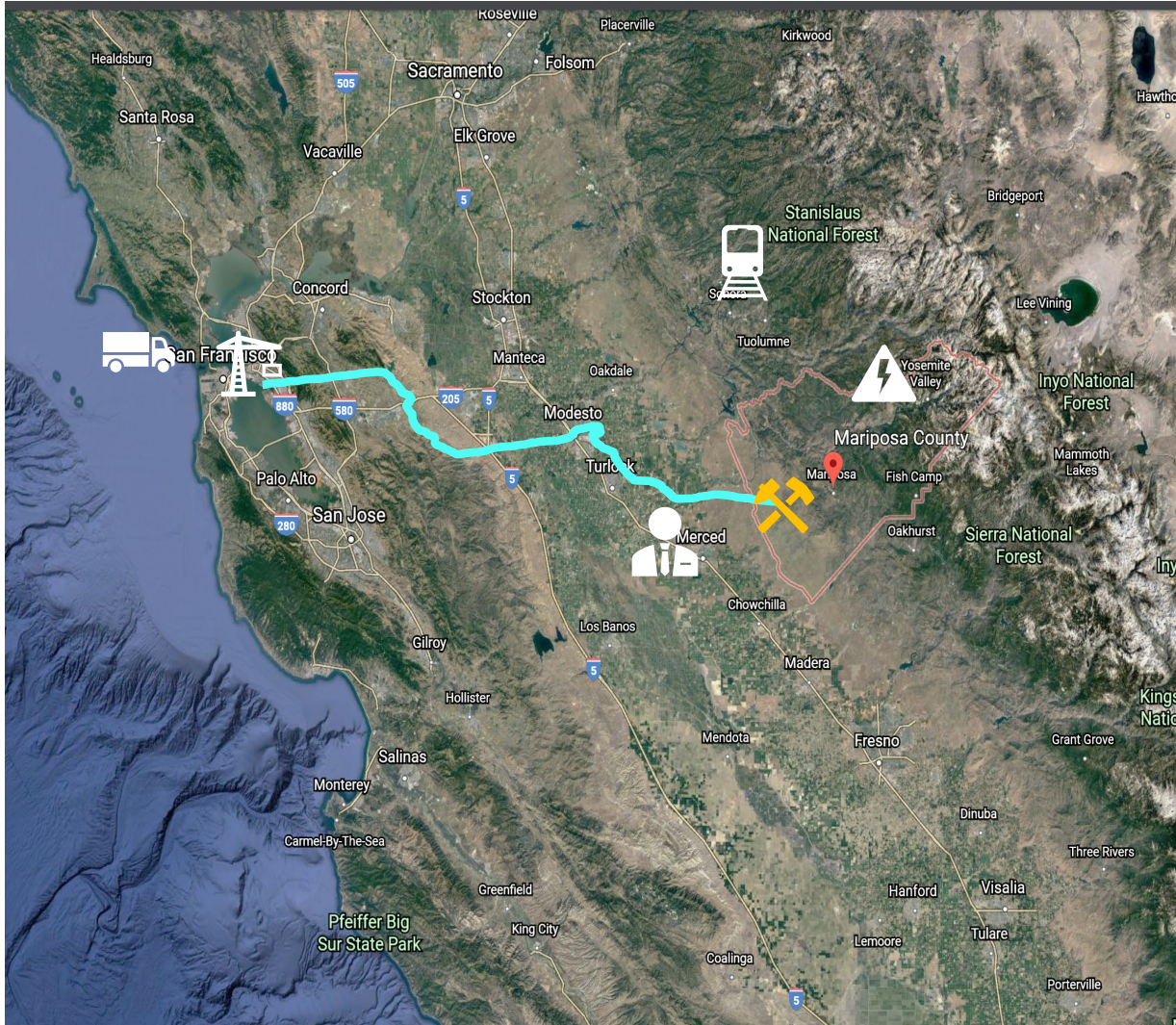
Drill hole BM21-83 discovers new massive sulphide lens  
Hole BM21-81 extends American Eagle to surface and traceable for 700 metres  
Zinc added to US critical metal list by USGS

2023-2024

Updated Mineral Resource estimate issued including 2018-2021 drill results  
Increase in grade and confidence of the deposit  
PEA expected Q1 2025  
Advancing permitting



# Tenure & Local Infrastructure



Accessible by a three-mile gravel road off a nearby paved highway in Mariposa, County, California. County has a mining history



A hydroelectric power generation facility one mile north; the main transmission line passes less than a mile away



Mineral rights on patented, unpatented and Spanish land grants; infrastructure all on patented land



Sea ports, rail and trucking routes are all accessible (port near Oakland)



Labour and contractors are readily available from population centres in the Central Valley





# Recent Drill Program at Blue Moon

## Expansion Drilling

Massive sulphide lenses are now traceable for approximately **3,000 ft** along plunge and remain open to surface and depth

**Hole BMZ-78** (true width approximately 55% on all holes)

- Hole BMZ-78 intersected **30 feet (9.4 metres)** grading **30.3%** zinc, **1.7%** copper, **1.7 gpt** gold and **71 gpt** silver for **36.8%** ZnEq
- Hole BMZ-78 cut a broader interval of **121 feet (36.5 metres)** grading **9.5%** zinc, **0.6%** copper, **1.1 g/t** gold and **43 g/t** silver for **12.6%** ZnEq

### Hole BMZ-79

- Hole BMZ-79 intersected **24.5 feet (7.5 metres)** grading **25.6%** zinc, **0.9%** copper, **0.7 gpt** gold and **17 gpt** silver for **28.5%** ZnEq

### Hole BMZ-80

- Hole BMZ-80 intersected **64.2 feet (19.6 metres)** grading **8.4%** zinc, **0.5%** copper, **1.2 gpt** gold and **83 gpt** silver for **12.4%** ZnEq

## 2022 Exploration Drilling

### Hole BM21-83 (New South Zone)

- Hole BM21-83 discovers an additional massive sulphide zone called south zone; located west of the current Blue Moon resource
- Highlights include 10 feet of 5.46% ZnEq (true thickness 50%)
- Excellent potential to increase the resource base; Great promise for more massive sulphide lenses to be discovered

### Hole BM21-83 (American Eagle Zone)

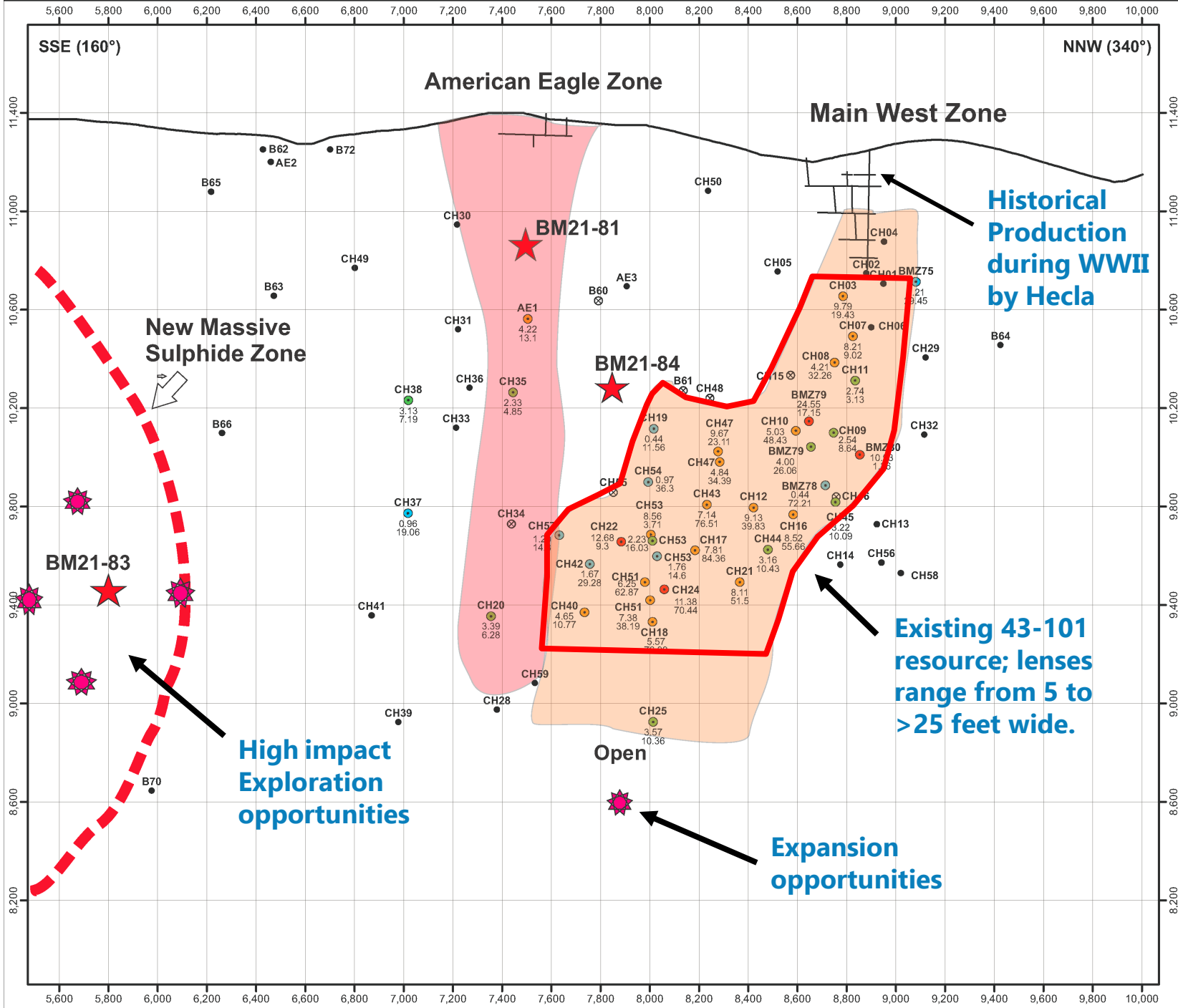
- Also intersected a gold rich horizon which is possibly an extension of the American eagle zone
- 5 feet of 6.96 g/t gold and 15.2 g/t silver (true thickness 50%)

### Hole BM21-81 (American Eagle Zone)

- Extension of the American eagle zone to near surface from surface to over 700 metres

**Greens creek exploration analogy – 25 Mt exploration target**

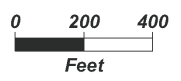
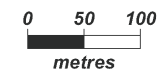




**BLUE MOON ZINC CORP.**  
**BLUE MOON MINE PROJECT**

**LONGITUDINAL SECTION 7600E**  
**MAIN WEST ZONE**  
 looking grid west (250° TN)

1 inch = 400 feet 1:4,800



**LEGEND**

- Surface
- Mine Workings
- ⊗ Hole Centroid in Solid, not assayed
- Hole Centroid, not in Solid

**Composited Zinc Equivalent**

- >10.1% ZnEq
- 4.1 - 10.0
- 2.1 - 4.0
- 0.2 - 2.0
- ⊙ 0.0 - 0.1

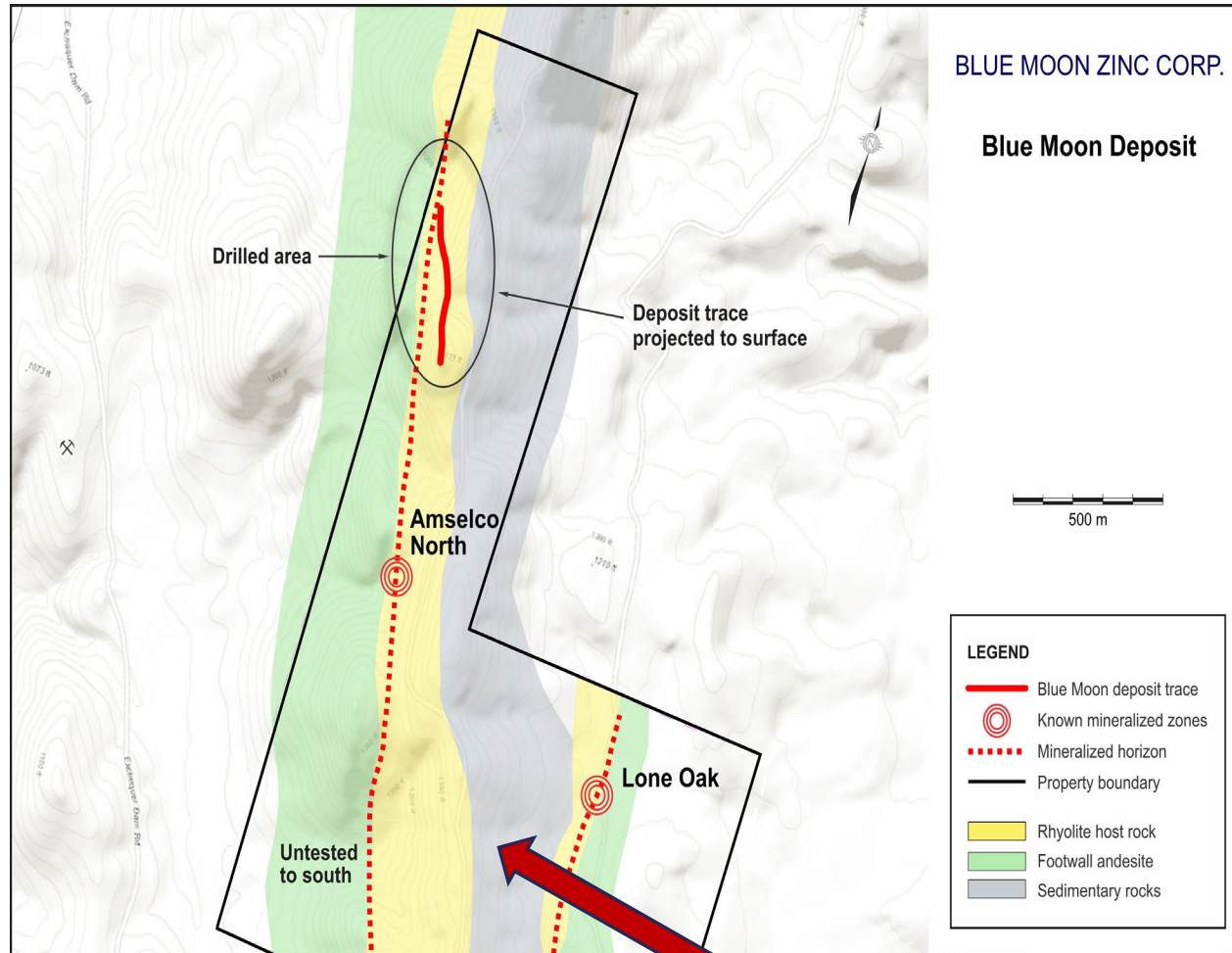


Notes:  
 1) Zn equivalent is based on 2017 metal values.  
 2) True horizontal thickness assumes zones are trending grid north with near vertical dip

★ Proposed hole priority 1



# Exploration Potential Untapped



*“Only a few drill holes in this area.  
1,500 ft zinc-in soil anomaly”*

- VMS occurs in multiples or clusters so likely more “blue moon” lenses along strike
- Extent of alteration and mineralization indicates a large mineralizing system may extend south of the resource
- IP anomalies along strike
- **Laronde VMS Complex (Agnico) Potential:**
  - Same orientation and shape as Blue Moon/American Eagle/South Zone
- **Greens Creek VMS Deposit (Hecla) Potential:**
  - Big Score kill zone has similar orientation as Blue Moon
  - Major fault offsets may be present at Blue Moon
  - Multiple potential zones possible at depth
- Regional VMS potential exists as well

# Technical Attributes

## Mining

- Likely 1,800 – 2,000 tpd underground mine
- Steeply deeping orebody ideal for longhole open stoping
- Competent rock and good ground conditions
- Exploration ramp / shaft to be developed to infill drill. Local County is key decision maker for permit to mine. Project is a past producer and had a permit and reclamation plan approved in 1991 for underground

## Tailings / Water

- Tailings deposition to be best practices – fill / dry stack all on private land

## Metallurgy

- Top quartile VMS metallurgy producing premium zinc concentrate (+60%) and copper concentrate (+27%), with negligible penalties
- 85-95% recoveries possible for all key contributing metals
- Opportunity to optimize additional by-product revenues, ie barite & pyrite
- Regional brownfield processing sites are being investigated



**The PEA is expected to synthesis all of this in the first ever NI 43-101 compliant economic study – expected in Q1 2025**

# California: Active in Resource Development

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EQUINOXGOLD

## Mesquite Mine

- Producing since 2008
- Former VP Operations who re-started Mesquite is advisor of Blue Moon
- Produced approximately 90,000 ounces in 2023

EQUINOXGOLD

## Castle Mountain

- Produced more than one million ounces from 1992 to 2004
- Commercial production announced on November 23, 2020
- Produced approximately ounces in 2023
- Phase II up to 200,000 ou30,000nces a year



## MP Materials (Mountain Pass)

- Produces 15% of the worlds rare-earth metals
- US Department of Defense awarded MP \$35 million in 2022

**California is the US' 2<sup>nd</sup> most prolific construction aggregate producing state & 4<sup>th</sup> most prolific state by mineral production**



# Next Steps

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## **Confirm Blue Moon Economics, Permitting Plan and Opportunity**

- Maiden PEA in Q1 2025
- Determine follow on development steps, including an exploration ramp
- Apply for various US programs for funding options and introduce to metals streamers
- Determine best permitting path with vesting mining right in hand

## **Build Development Team**

- Build corporate and dedicated California development team
- Develop key relationships in county

## **Strategic Initiatives**

- Evaluate and actively pursue attractive and complementary more advanced zinc and copper opportunities globally
- Evaluate regional California VMS and brownfield processing site opportunities

**Blue Moon is funded to evaluate all these opportunities into Q2 2025**



# Company Contact

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