



BLUE MOON METALS

# ADVANCING ENERGY METALS (ZINC-GOLD- SILVER-COPPER) IN NORTH AMERICA

TSXV: MOON  
OTCQB: BMOOF

SEPTEMBER 2022



# FORWARD LOOKING STATEMENTS

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.

*Cautionary Note to U.S. Readers Regarding Estimates of Indicated and Inferred Resources.* his presentation uses the terms "measured" and "indicated" mineral resources and "inferred" mineral resources. The Company advises U.S. investors that while these terms are recognized and required by Canadian securities administrators, they are not recognized by U.S. securities administrators. The estimation of "measured" and "inferred" mineral resources involves greater uncertainty as to their existence and economic feasibility than the estimation of proven and probable reserves. The estimation of "inferred" resources involves far greater uncertainty as to their existence and economic viability than the estimation of other categories of resources. It cannot be assumed that all or any part of a "measured", "inferred" or "indicated" mineral resource will ever be upgraded to a higher category. Under Canadian rules, estimates of "inferred mineral resources" may not form the basis of feasibility studies, pre-feasibility studies or other economic studies, except in prescribed cases, such as in a preliminary economic assessment under certain circumstances. U.S. securities administrators normally only permit issuers to report mineralization that does not constitute "reserves" as in-place tonnage and grade without reference to unit measures. Under U.S. standards, mineralization may not be classified as a "reserve" unless the determination has been made that the mineralization could be economically and legally produced or extracted at the time the reserve determination is made. U.S. investors are cautioned not to assume that any part or all of a "measured", "indicated" or "inferred" mineral resource exists or is economically or legally mineable. Information concerning descriptions of mineralization and resources contained herein may not be comparable to information made public by U.S. companies subject to the reporting and disclosure requirements of U.S. securities administrators. Mineral resources that are not mineral reserves do not have demonstrated economic viability. The estimate of mineral resources may be materially affected by environmental, permitting, legal, title, taxation, socio-political, marketing, or other relevant issues. The quantity and grade of reported inferred resources in this estimation are uncertain in nature and there has been insufficient exploration to define these inferred resources as an indicated or measured mineral resource and it is uncertain if further exploration will result in upgrading them to an indicated or measured mineral resource category. The inclusion of inferred mineral resources are considered too speculative geologically to have the economic considerations applied to enable them to be categorized as mineral reserves. The mineral resources in this presentation were reported using CIM Standards.

John McClintock, P. Eng, is a qualified person as defined by NI 43-101, has reviewed the scientific and technical information that forms the basis for this presentation. Mr. McClintock is a Director of the Company.



# INVESTMENT HIGHLIGHTS

2020



## ZINC-SILVER-GOLD-RICH VMS

### NI 43-101 DEPOSIT

- INFERRED: 7.8 MT<sup>(1)</sup> AT BLUE MOON DEPOSIT (LAST UPDATED 2017)
- RESOURCE INCLUDES: 771 MILLION LBS ZN, 71 MILLION LBS CU, 300,000 OZ AU AND 10 MILLION OZ AG
- 2018-2021 DRILL PROGRAMS YET TO BE INCORPORATED IN NI 43-101 RESOURCE
- DEPOSIT IS OPEN TO THE SOUTH AND EXTENSION OPPORTUNITIES IN WEST, MAIN AND EAST ZONES – VMS OCCURS IN MULTIPLES
- EXCELLENT POTENTIAL TO INCREASE RESOURCE ALONG STRIKE, SURFACE AND AT DEPTH



## 2021 DRILLING DISCOVERS NEW SOUTH ZONE

- HOLE BM21-83 INTERSECTED MASSIVE AND SEMI-MASSIVE SULPHIDE MINERALIZATION OVER 50 FEET OF CORE LENGTH
- THIS HOLE WAS TARGETING AN UNTESTED ELECTROMAGNETIC TARGET SOUTH OF THE BLUE MOON NI 43-101 DEPOSIT
- DISCOVERY OF PROMISING NEW MASSIVE SULPHIDE LENS
- FURTHER VALIDATES THEORY THAT VMS LENS ARE FOUND IN CLUSTERS WITH THE POTENTIAL TO DISCOVER MORE LENS ALONG STRIKE



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

- 100% OWNERSHIP OF BLUE MOON PROJECT
- VIRTUALLY ROYALTY FREE; UNITED STATES
- 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) – (NOT YET INCLUDED IN NI 43-101)
- 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) (NOT YET INCLUDED IN NI 43-101)
- FUTURE DRILL PROGRAM TO FURTHER BUILD ON THE HIGH-GRADE FOOTPRINT OF THE DEPOSIT AND EXPANSION
- FURTHER DISCOVERY OF NEW LENSES

1. The NI 43-101 Mineral Resource Estimate is available on slide 25



# INDUSTRY OUTLOOK

## MOUNTING ZINC SUPPLY ISSUES

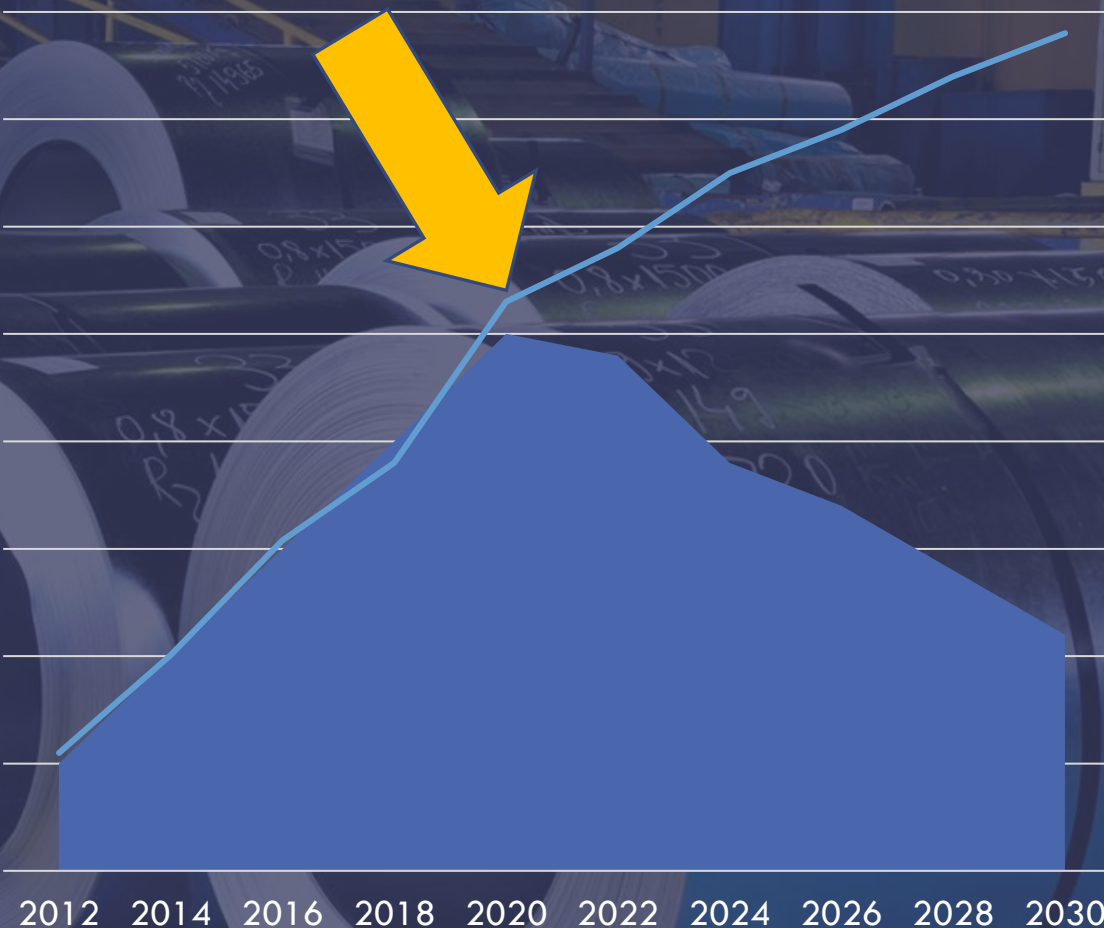
### 2022 AND BEYOND

ACCORDING TO TECK AND OTHER INDUSTRY FORECAST, ADDITIONAL SOURCES OF ZINC WILL BE REQUIRED IF NEW APPLICATIONS WERE TO BE INTRODUCED TO MARKETS SUCH AS ENERGY STORAGE.

ADDITIONAL NORTH AMERICAN SOURCES WOULD ALSO BE STRATEGIC AS CURRENTLY 50%+ OF ZINC IS SOURCED INTERNATIONALLY.

Zinc 2012-2030  
Supply & Demand Forecast

20XX



Supply Supply Demand

SOURCE: TECK FEB 2019 CORPORATE DECK

# ZINC USES & APPLICATION



- GALVANIZATION – PROTECTIVE LAYER FOR STEEL, AUTOMOBILE, CONSTRUCTION, BRIDGES, DERRICK RIGS.
- FERTILIZERS AND HEALTH USE
- ZINC BATTERIES – ZINC-MANGANESE & ZINC-AIR BATTERIES
  - SAFER, LONGER LASTING AND CHEAPER THAN LITHIUM
  - ZINC MORE ACCESSIBLE THAN LITHIUM
  - IN TERMS OF VOLUME, ZINC IS 10 TIMES BETTER THAN LITHIUM
  - ZINC SUPPLY IS SECURE AND CONFLICT FREE
  - RECENTLY ESTABLISHED ZINC BATTERY INITIATIVE
- IN 2021, ZINC ADDED TO US CRITICAL METALS LIST
- [HTTPS://WWW.ZINC.ORG/](https://www.zinc.org/)





# ZINC-AIR BATTERY

- ACCORDING TO YALE UNIVERSITY – ZINC AIR BATTERY'S EFFICIENCY IS 140% OF LITHIUM-ION AND AT 20% OF THE COST
- ZINC IS FAR CHEAPER AND MORE ABUNDANT THAN LITHIUM
- LOCALLY AVAILABLE IN NORTH AMERICA (LITHIUM IS MOSTLY FROM SOUTH AMERICA)

E360 DIGEST  
SEPTEMBER 26, 2018

## How a New Zinc-Air Battery Could Transform the Grid

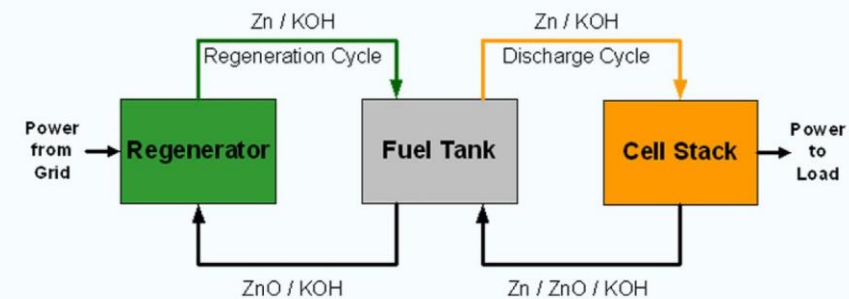
The Arizona-based technology company NantEnergy has unveiled a new rechargeable battery that operates on zinc and air and costs significantly less than the lithium-ion batteries currently powering the world's electric cars and renewable energy systems, *the New York Times* reported.

NantEnergy claims the new zinc-air battery costs less than \$100 per kilowatt-hour, compared to the \$190 per kWh cost of Tesla's Model 3 battery pack and \$205 per kWh for General Motors' 2017 Chevrolet Bolt battery. That's low enough "to transform the electric grid into a round-the-clock carbon-free system," experts told the New York Times.



A new zinc-air battery developed by NantEnergy costs much less than traditional lithium ion batteries. NANTENERGY

The zinc-air technology, developed with funding from the World Bank and the U.S. Department of Energy, has been tested at thousands of sites in the last six years, providing the sole source of power to more than 200,000 people in Asia and Africa





# JOE'S PLAN FOR CLIMATE & CLEAN ENERGY

LEARN MORE →

# \$400 BILLION

• INVESTED INTO GREEN ENERGY  
INNOVATION NEXT 10 YEARS

• ADD GREEN TECH TO ECONOMY

• NET-ZERO EMISSION ECONOMY BY 2050

• US IS GOING TO NEED TO ZINC, COPPER  
AND SILVER TO EXECUTE PLAN

## Exclusive: Biden campaign tells miners it supports domestic production of EV metals

By Ernest Scheyder

5 MIN READ

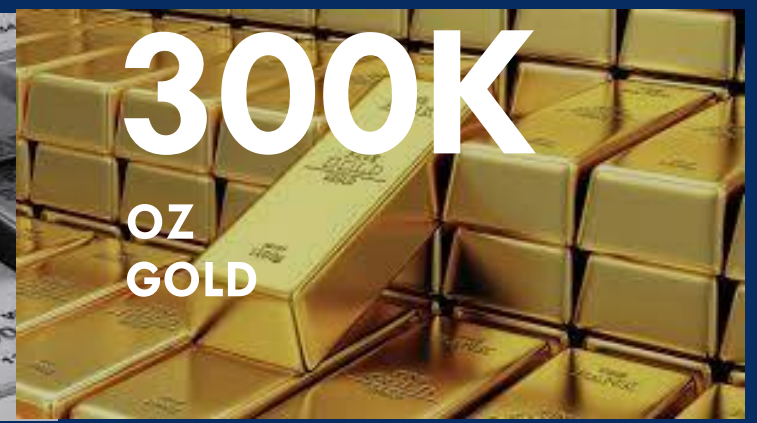
(Reuters) - Joe Biden's campaign has privately told U.S. miners it would support boosting domestic production of metals used to make electric vehicles, solar panels and other products crucial to his climate plan, according to three sources familiar with the matter, in a boon for the mining industry.



<https://joebiden.com/9-key-elements-of-joe-bidens-plan-for-a-clean-energy-revolution/>

# BLUE MOON METALS

PAST PRODUCING MINE ASSET  
WITH SIGNIFICANT UPSIDE  
INFLATION HEDGE



NI 43-101 FROM 2018 BASED ON 4% ZINC CUTOFF. SEE SLIDE 25.

A STRATEGIC ASSET RIGHT IN  
UNITED STATES OF AMERICA WITH EXCELLENT INFRASTRUCTURE





# MANAGEMENT



## • PATRICK MCGRATH CEO

- CPA-CGA WITH 20 YEARS+ IN FINANCING AND EXECUTIVE ROLES IN JUNIOR PUBLIC SECTOR.
- CEO OF CUB ENERGY, AN OIL AND GAS PRODUCER WITH PEAK PRODUCTION OF 2,500 BOE/D. WAS CFO OF ANATOLIA ENERGY WHICH RAISED \$37 MILLION AND WAS ACQUIRED BY CUB ENERGY IN 2013.



## VARUN PRASAD CFO

- CPA-CGA AND CURRENT CFO OF WESTERN COPPER AND GOLD.
- HE HAS EXTENSIVE ON THE TSX AND NYSE.
- EXPERIENCE IN FINANCIAL REPORTING AND REGULATORY MATTERS.



## DOUGLAS URCH, DIRECTOR

- CPA-CMA AND EXECUTIVE VP FINANCE CFO OF BANKERS PETROLEUM LTD. FROM 2008 TO 2018 WITH LAST REPORTED PRODUCTION OF 16,000 BOPD. BANKERS ACQUIRED IN 2016 FOR \$575 MILLION.
- FORMER CFO OF RALLY ENERGY CORP; RALLY ACQUIRED FOR \$898 MILLION IN 2007.

## JACK MCCLINTOCK, DIRECTOR

- P. ENG FORMER CEO NORTHISLE COPPER AND GOLD INC.
- FORMER EXPLORATION MANAGER WITH BHP BILLITON. SUCCESSFUL IN SIGNIFICANT MINERAL DISCOVERIES INCLUDING THE SPENCE PORPHYRY COPPER DEPOSIT.
- PDAC "PROSPECTOR OF THE YEAR" AWARD IN 1998.



## JONATHAN GAGNE P.ENG MBA

- HEAD OF THE MINING ENGINEERING DEPARTMENT FOR SGS GEOSTAT
- ENGINEER SUPPORT THE OPEN-PIT OPERATIONS FOR GLENCORE ZINC GLOBALLY
- MINING ENGINEERING FROM ÉCOLE POLYTECHNIQUE DE MONTRÉAL + MBA IN CORP FINANCE
- GENERAL MANAGER OF SAYONA QUEBEC AND CURRENTLY WORKS FOR GREENSTONE GOLD MINES

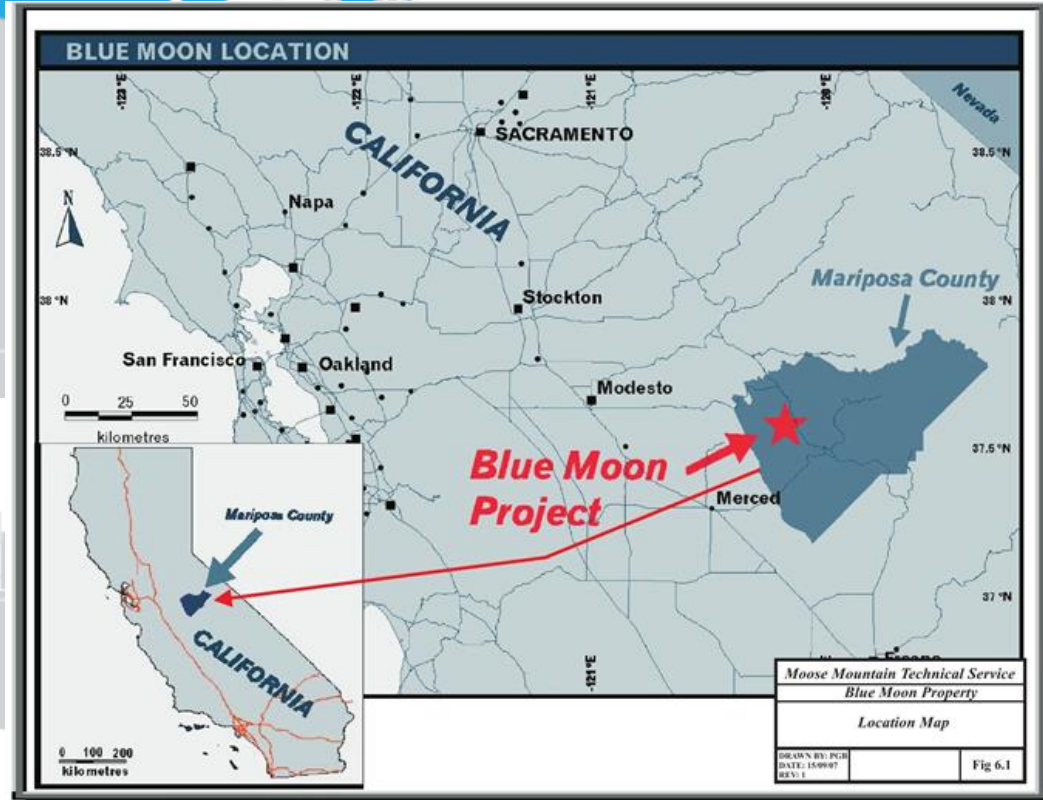


# 2 FAVOURABLE LOCATIONS – BLUE MOON & YAVA

## #1 – BLUE MOON ZINC



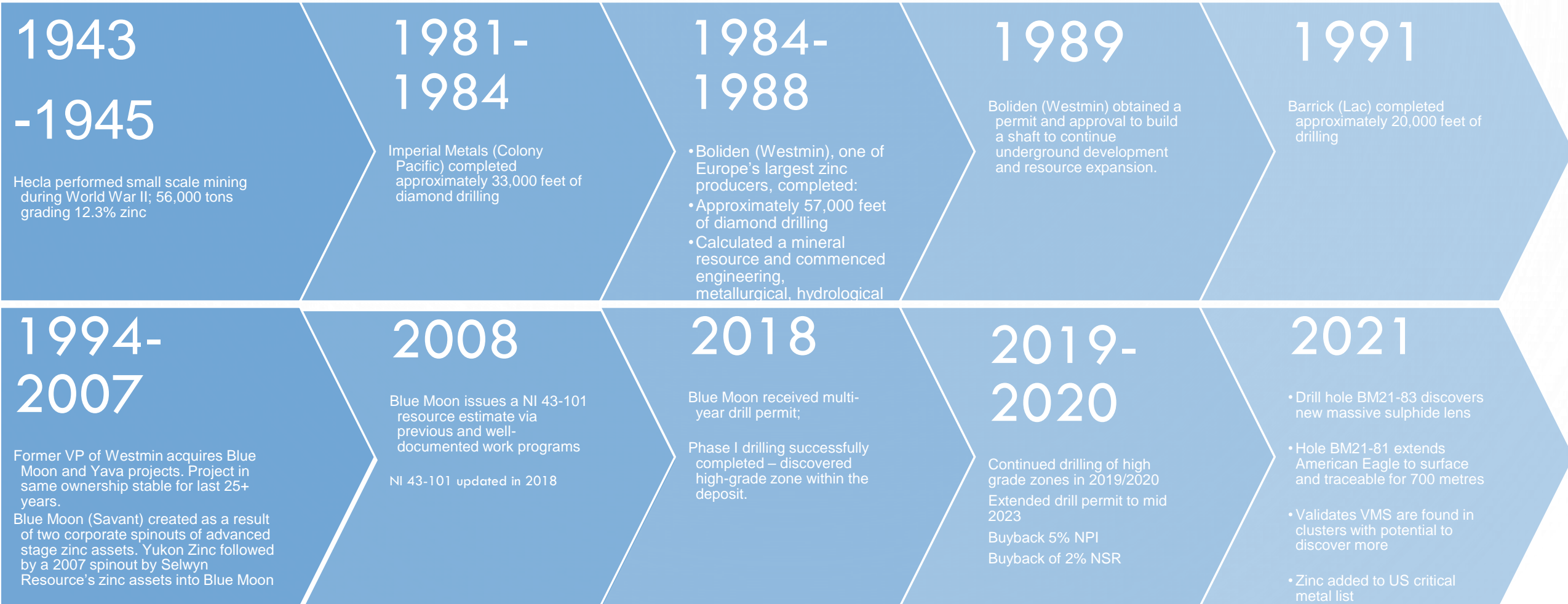
## #2 YAVA PROJECT



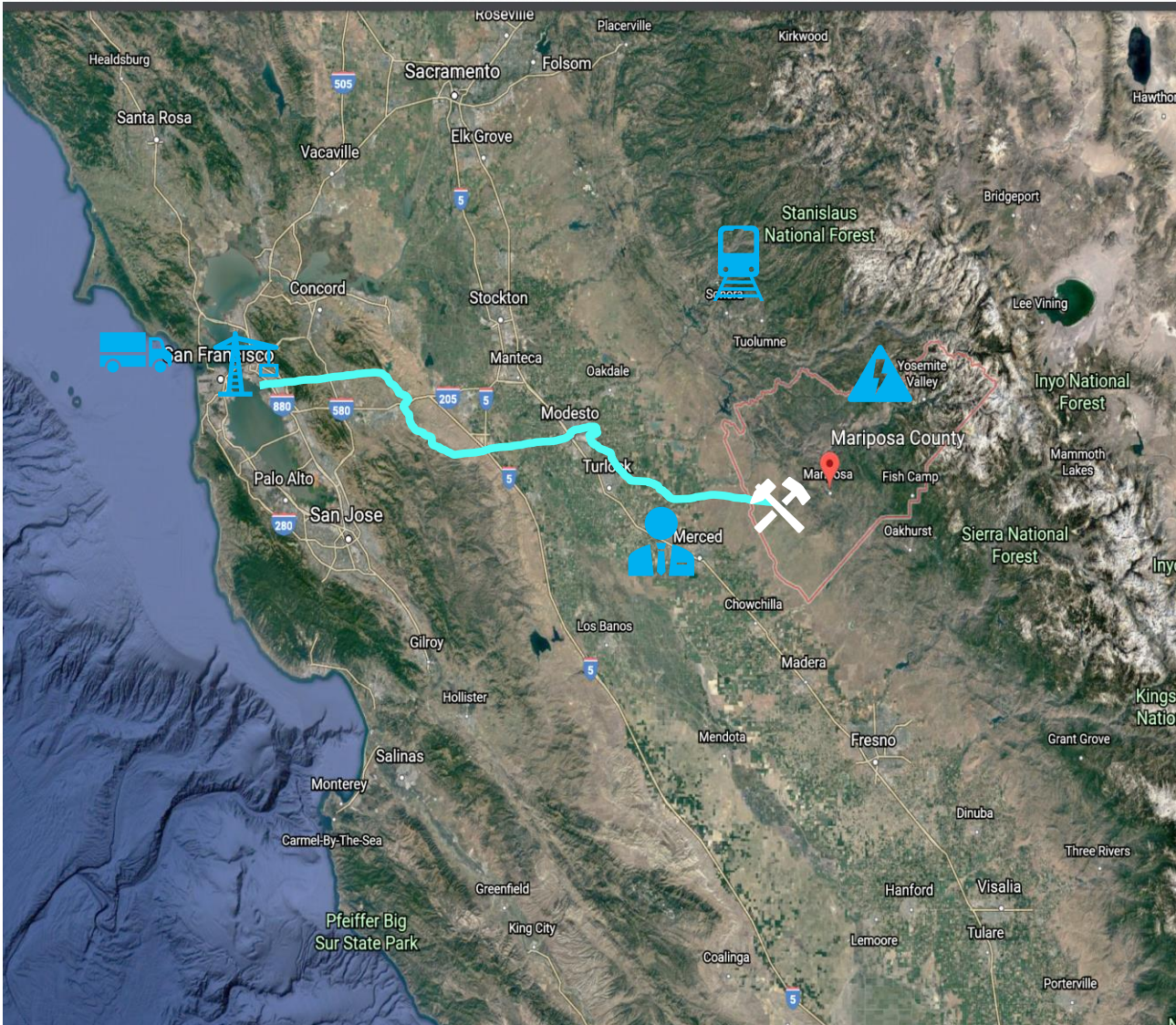
- LOCATED IN MARIPOSA COUNTY, CENTRAL CALIFORNIA & NUNAVUT, CANADA
- ACTIVE MINES AND EXPLORATION PROJECTS IN THE COUNTY
- WITHIN AREA OF CALIFORNIA GOLD RUSH
- FOUR HOUR DRIVE TO RENO (SERVICES & SUPPLIES)
- THREE HOUR DRIVE TO OAKLAND PORT (EXPORT)



# HISTORY OF MAJORS AT BLUE MOON



# TENURE & LOCAL INFRASTRUCTURE



ACCESSIBLE BY A THREE MILE GRAVEL ROAD OFF A  
NEARBY PAVED HIGHWAY.



A HYDROELECTRIC POWER GENERATION FACILITY  
ONE MILE NORTH; THE MAIN TRANSMISSION LINE  
PASSES LESS THAN A MILES AWAY.



## MINERAL RIGHTS ON PATENTED, UNPATENTED AND SPANISH LAND GRANTS.



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.



# CATALYSTS

	Q2 2021	Q3 2021	Q4 2021	2022-2023
Drilling Financing	Completed July 2021			
Phase I Drilling at Blue Moon (resource expansion and step-out)		Completed December 2021		
Exploration Updates Blue Moon			Issued Update 2021 – Discovers Additional Zone	
Phase II Drilling - Further delineate new South Zone discovery and American Eagle Zone; Resource Update				



# 2021 **DRILL** EXPLORATION HIGHLIGHTS

## **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 INTERESTED 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





# 2022-2023 Plans:

## **Continue Exploration at the South Zone Discovery**

Hole BM21-83 discovered a promising new lens which has the potential to materially increase Blue Moon's resource base. The Company plans additional drill holes to further define the extend and grade of this discovery.

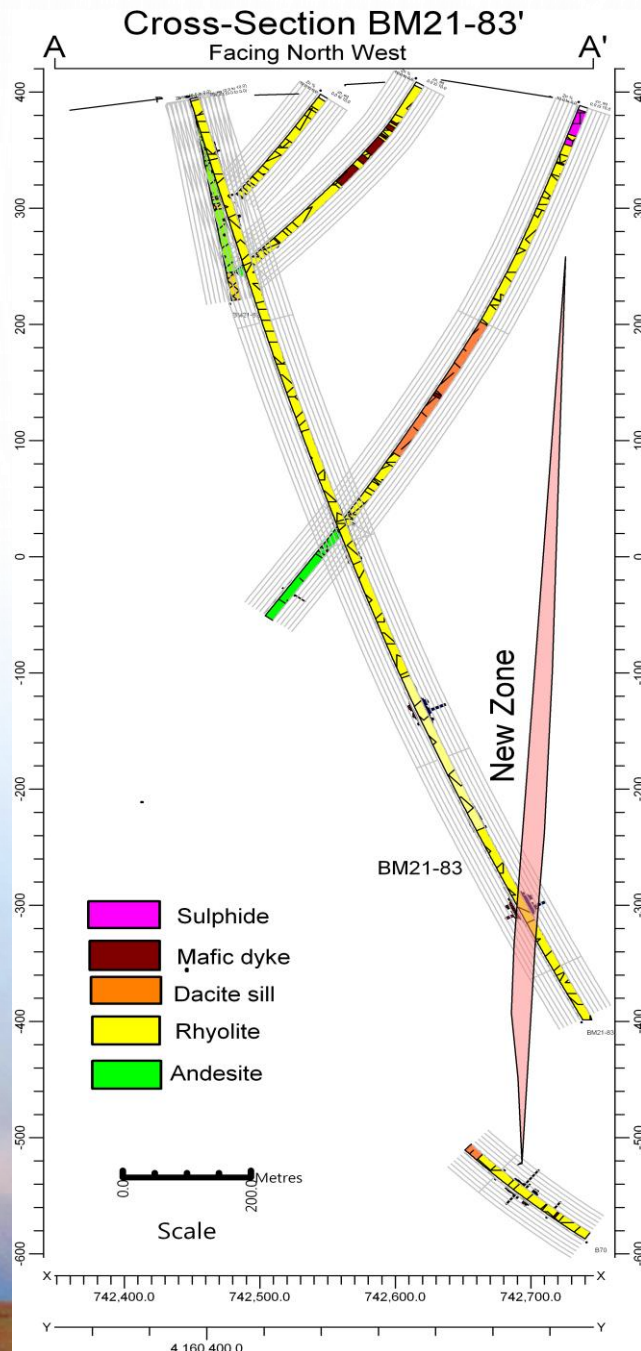
## **Continue Development at American Eagle**

Hole BM21-81 shows American Eagle is now traceable for over 700 metres, including extending to surface and open to expansion. Hole BM21-83 that discovered the new South Zone, gave us a surprise 5 foot interval of 6.96 g/t of gold that is close to the American Eagle Zone and a possible extension opportunity. Additional drilling to further delineate the American Eagle Zone is warranted.

## **Update Resource Estimate**

Update the NI 43-101 with the goal of converting the South Zone and American Eagle to a NI-43-101 resource category.

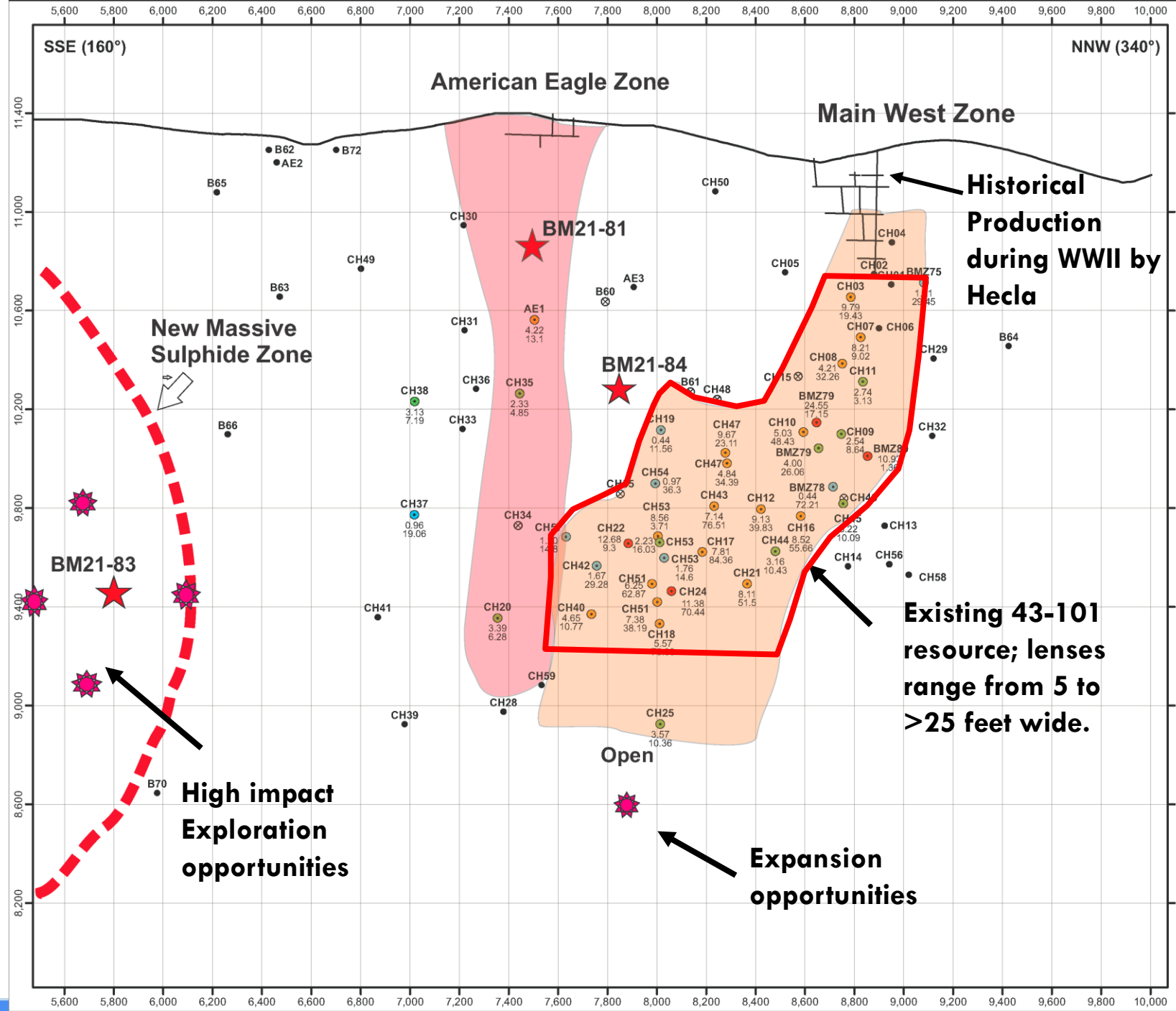




# BM-83 DISCOVERY HOLE

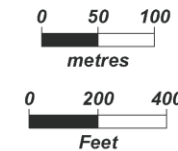
- A NEW DISCOVERY WAS MADE TESTING A GEOPHYSICS CONDUCTOR TARGET
- STRINGER MINERALIZATION IN HOLE B-70 IS INTERPRETED TO BE A FEEDER ZONE A NEARBY MASSIVE SULPHIDE LENS IS WHAT HOLE BM21-83 INTERSECTED
- THE WHOLE MINERAL RICH ZONE COVERED NEAR 50 FEET OF CORE LENGTH (*ESTIMATED CORE THICKNESS ARE APPROXIMATELY 50% OF THE CORE LENGTH*).
- THE ZINC SULFIDE (SPHALERITE) ENCOUNTERED IN THIS NEW DISCOVERY HAS A DIFFERENT HUE FROM THE OTHER ZONES WHICH MAY INDICATE A SEPARATE EMPLACEMENT PULSE WITH SLIGHTLY DIFFERENT TIMING WHICH COULD ADD TO THE CURRENTLY KNOWN ZONES
- ADDITIONAL DRILLING TO FURTHER DEFINE THE EXTENT AND GRADE OF THE NEW ZONE.





**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

**Hole ID**

- Zn Equivalent (%)
- True Horizontal Thickness (ft)

**Notes:**

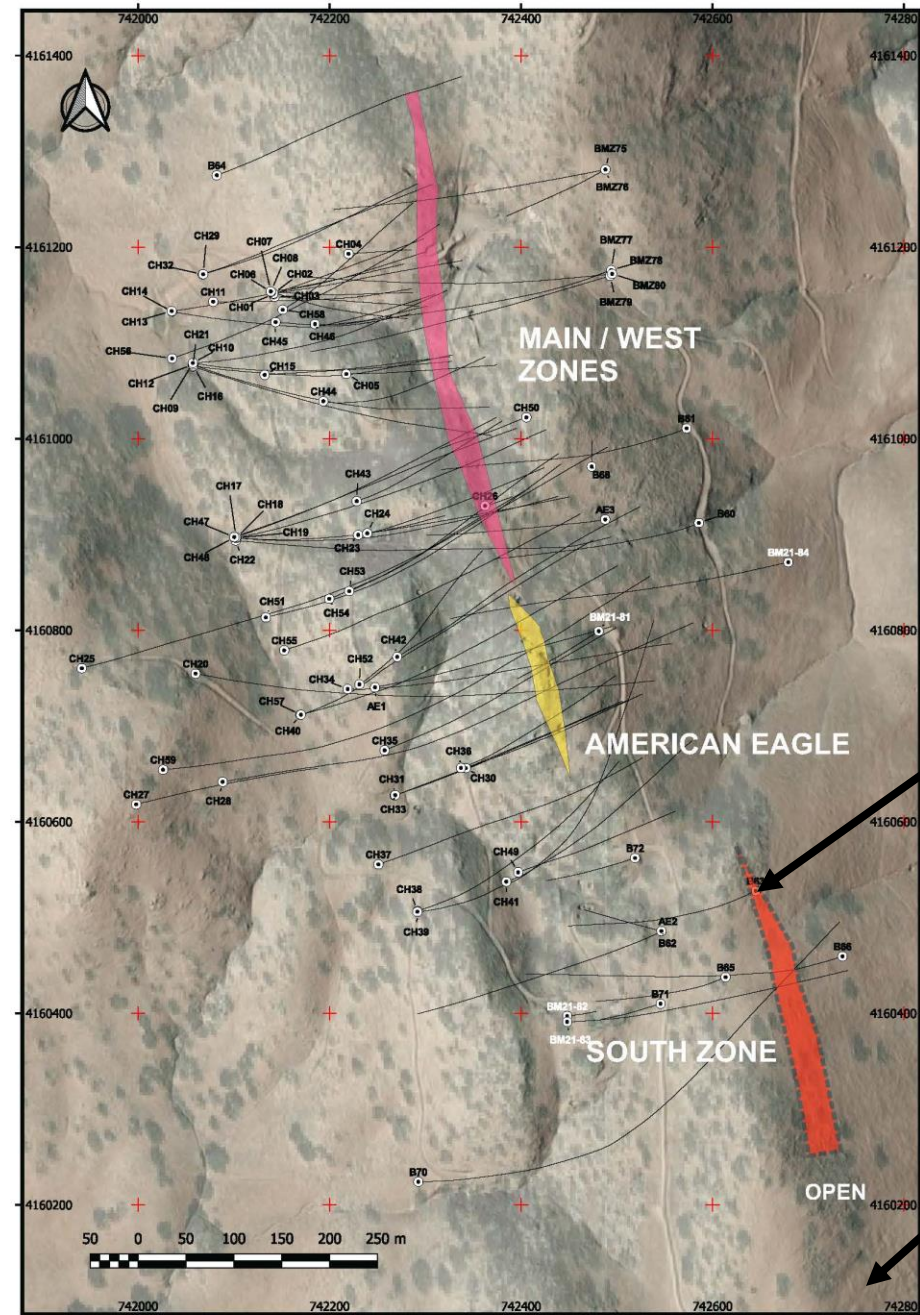
- Zn equivalent is based on 2017 metal values.
- True horizontal thickness assumes zones are trending grid north with near vertical dip

**Proposed hole priority 1**

December 22, 2020



# RESOURCE EXPANSION OPPORTUNITIES



Newly discovered South zone open to South.

Potential for additional zones along approximate 800m of favourable rhyolite horizon





# 2018-2019 **DRILL PROGRAM AT BLUE MOON**

## **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**

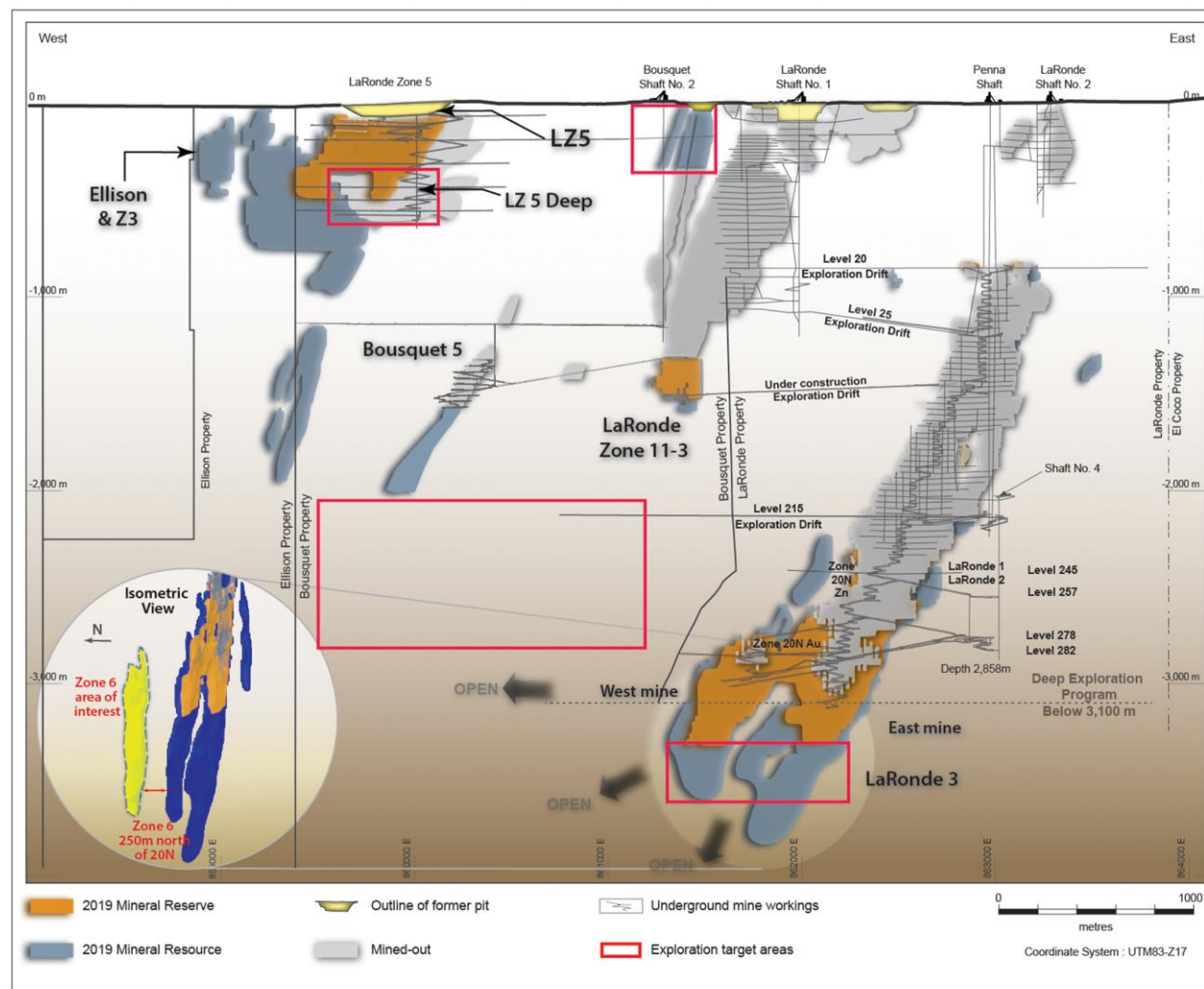
- HOLE BMZ-80 INTERSECTED **64.2 FEET (19.6 METRES)** GRADING **8.4% ZINC, 0.5% COPPER, 1.2 GPT GOLD AND 83 GPT SILVER FOR 12.4% ZNEQ**
- MASSIVE SULPHIDE LENSES ARE NOW TRACEABLE FOR APPROXIMATELY **3,000 FT** ALONG PLUNGE AND REMAIN OPEN TO SURFACE AND DEPTH.



# EXAMPLE OF ORIENTATION OF OTHER VMS DEPOSIT



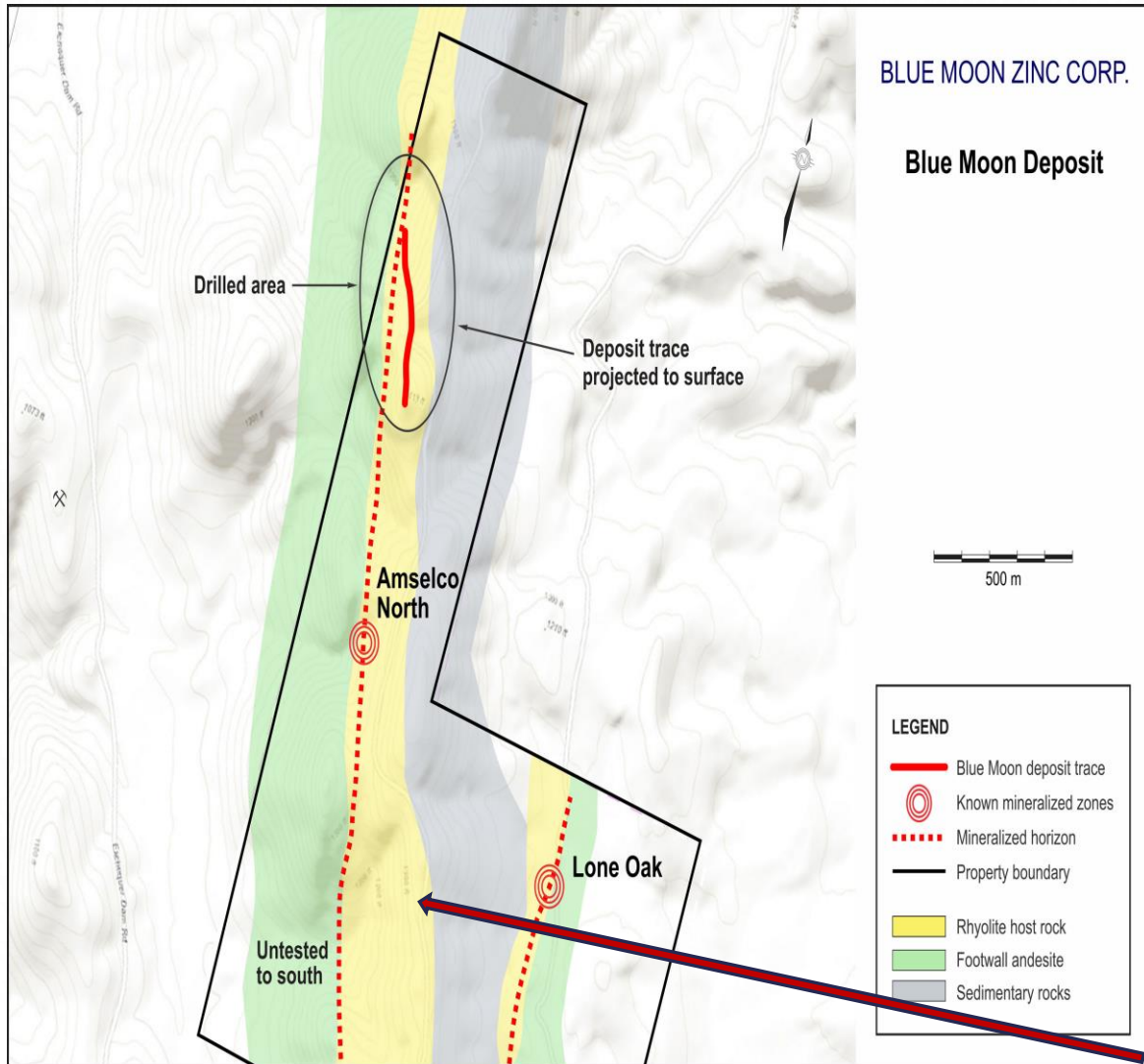
## LaRonde Complex - Composite Longitudinal Section



- Same orientation and shape as Blue Moon/American Eagle/South Zone
- Shows how these types of deposits occur in multiple zones and go to depth
- Potential for more zones at Blue Moon



# EXPLORATION POTENTIAL UNTAPPED



- 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.

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



# METALLURGY – FAVORABLE

## METALLURGY/RECOVERY

- 1988 LAKEFIELD RESEARCH RESULTS INDICATED RECOVERY UP TO 95% FOR ZINC AND LEAD, 93% FOR COPPER, 65% FOR SILVER AND 70% FOR GOLD.
- SIMPLE PROCESSING WILL PRODUCE PREMIUM CONCENTRATES.
- COARSE GRAINED SPHALERITE, CHALCOPYRITE AND GALENA MEANS EASY SEPARATION OF THE ECONOMIC MINERALS FROM PYRITE AND THEREFORE HIGH RECOVERIES.
- CONVENTIONAL FLOTATION TO RESULT IN MULTIPLE CONCENTRATES.





# PERMITTING – SUCCESS CALIFORNIA



- MULTIPLES MINING PROJECTS IN CALIFORNIA PERMITTED
- ENVIRONMENTAL AND ENGINEERING CONSULTANTS RETAINED BY BLUE MOON WHO ASSISTED IN THE PERMITTING OF MULTIPLE MINING PROJECTS IN CALIFORNIA.
- UNDERGROUND OPERATIONS - LOWER ENVIRONMENTAL FOOTPRINT.
- 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
- BIDEN 2021 TO SUPPORT DOMESTIC EV SUPPLY

# CALIFORNIA: ACTIVE IN RESOURCE DEVELOPMENT

EQUINOXGOLD

- **EQUINOX GOLD CORP. (MESQUITE MINE)**

- PRODUCING SINCE 2008.
- FORMER VP OPERATIONS WHO RE-STARTED MESQUITE IS ADVISOR OF MOON
- PRODUCED APPROXIMATELY 135,000 OUNCES IN 2020.



- **EQUINOX GOLD CORP. (CASTLE MOUNTAIN)**

- PRODUCED MORE THAN ONE MILLION OUNCES FROM 1992 TO 2004
- COMMERCIAL PRODUCTION ANNOUNCED ON NOVEMBER 23, 2020
- PHASE II UP TO 200,000 OUNCES A YEAR



- **MP MATERIALS (MOUNTAIN PASS)**

- PRODUCES 16% OF WORLD'S RARE-EARTH METALS



- **KORE MINING (LONG VALLEY)**

- PEA SHOWS 102,000 OUNCES A YEAR OVER 7 YEARS

California is the US's 2<sup>nd</sup> most prolific construction aggregate producing state & 4<sup>th</sup> for oil production



# RESOURCE (NI 43-101)

## 2018 BLUE MOON MINERAL RESOURCES ESTIMATE

### Inferred Category

Cutoff	Tons >	Grade > Cutoff						Contained Metal (Millions)				
ZnEq	Cutoff	Zn	Cu	Ag	Au	Pb	ZnEq	lbs	lbs	lbs	ozs	ozs
%	(tons)	%	%	oz/t	oz/t	%	%	Zn	Cu	Pb	Ag	Au
1	18,350,000	2.80	0.29	0.74	0.02	0.17	4.64	1,028	106	62	14	0.4
2	13,060,000	3.60	0.34	0.97	0.03	0.22	5.93	940	90	56	13	0.4
3	9,380,000	4.44	0.41	1.21	0.03	0.27	7.29	833	78	50	11	0.3
4	7,790,000	4.95	0.46	1.33	0.04	0.29	8.07	771	71	46	10	0.3
5	6,490,000	5.44	0.50	1.44	0.04	0.32	8.79	707	64	41	9	0.2
6	5,330,000	5.95	0.53	1.54	0.04	0.34	9.51	635	57	36	8	0.2
7	4,200,000	6.54	0.57	1.63	0.04	0.36	10.33	549	48	30	7	0.2
8	3,090,000	7.21	0.63	1.78	0.05	0.38	11.34	446	39	24	6	0.1

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 20, 2018. THE EQUATION TO CALCULATE ZNEQ IS AS FOLLOWS:  $ZNEQ = (ZN\% * 24.70 + CU\% * 55.80 + PB\% * 19.00 + AG(OZ/T) * 11.05 + AU(OZ/T) * 875.00) / 24.70$ . 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	\$1.30/lb	95	24.70
Copper	\$3.00/lb	93	55.80
Lead	\$1.00/lb	95	19.00
Silver	\$17.00/oz	65	11.05
Gold	\$1,250.00/oz	70	875.00

# SHARE STRUCTURE

MANAGEMENT

16%

HNW RETAIL

30%

PUBLIC INVESTORS

54%



Shares issued

148 million

Officers and directors (~16%)

23 million

Warrants (\$0.07-\$0.12)

33 Million

Options (\$0.05-\$0.11)

8 million

Fully diluted

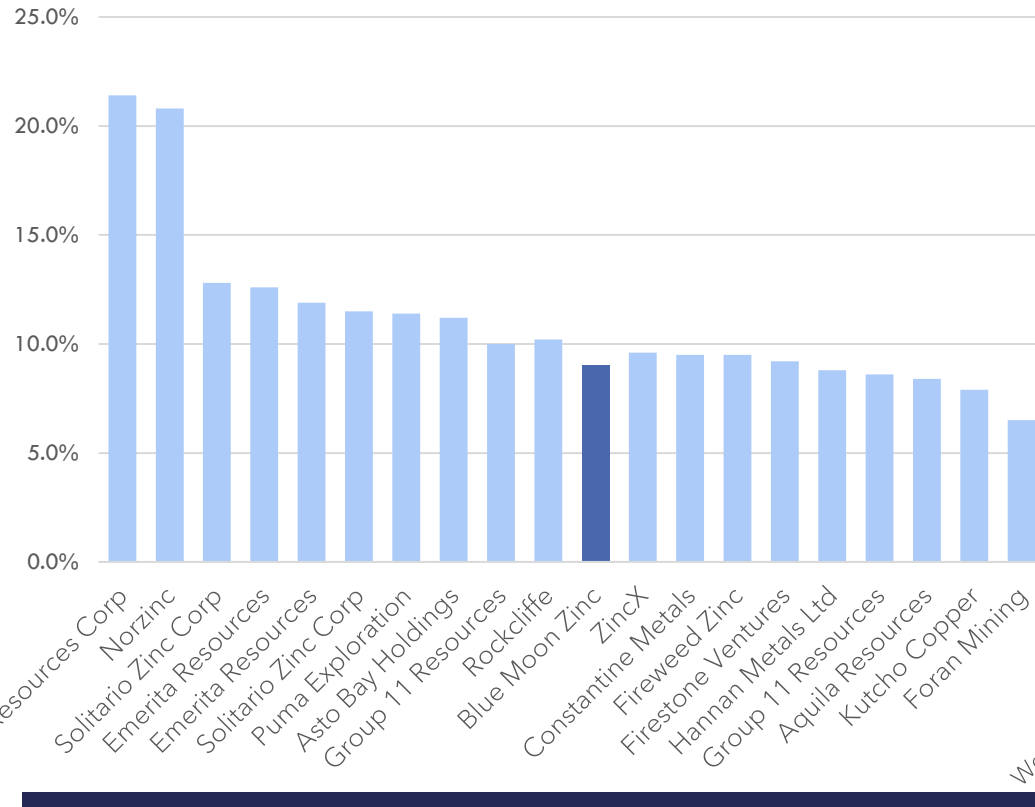
189 million



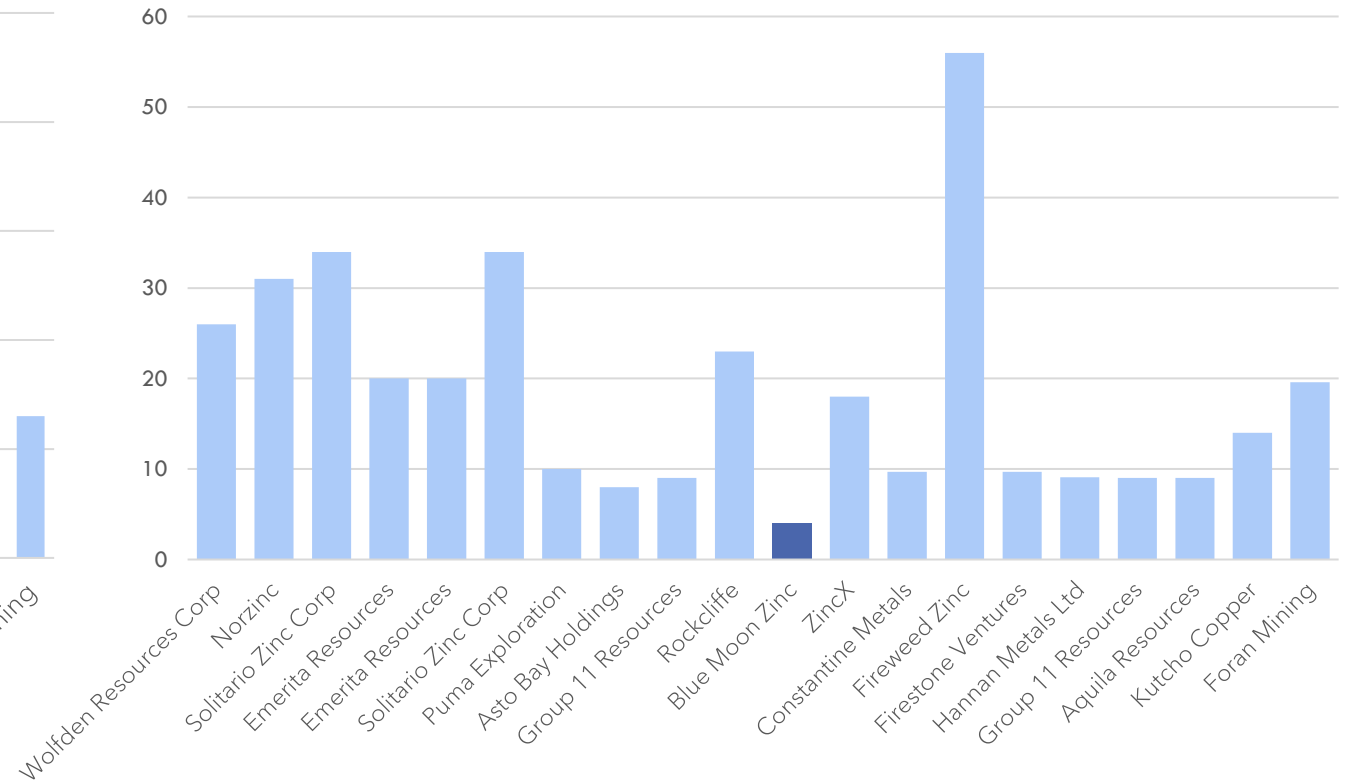
# COMPARABLE



Zinc Deposit Grade % (Equivalents)

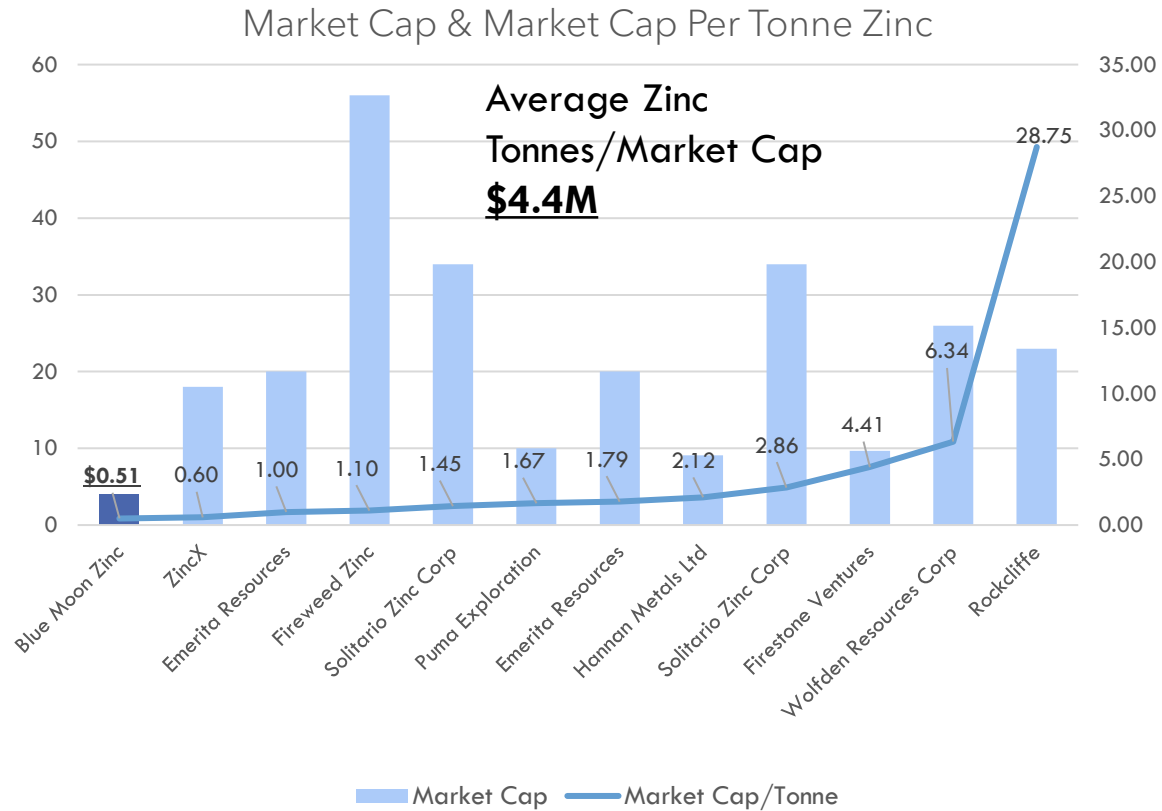


Company Valuation (\$C M)



- MOON.V PROJECT IS WELL IN LINE WITH PEER GROUP YET MARKET CAP IS FRACTION OF PEERS
- FAVORABLE JURISDICTION & INFRASTRUCTURE VS PEERS

# COMPARABLE – CHEAP GIVEN SIZE & LOCATION



Company	Jurisdiction	State Road	Power Lines	Town (labor)
Blue Moon Zinc	California US	✓	✓	✓
ZincX	BC, Canada			
Fireweed Zinc	Yukon, Canada	✓		
Solitario Zinc	Alaska / Peru			
Puma Exploration	New Brunswick	✓		
Emerita	Spain	✓		
Hannan Metals	Ireland	✓		
Firestone	Guatemala			
Wolfdan Resources	Maine USA	✓	✓	✓
Rockcliffe	Manitoba, Canada	✓		

- TRADING AT JUST \$500K PER MILLION TONNES ZINC (EQ) VS AVERAGE OF \$4.4 MILLION
- PROXIMITY AND INFRASTRUCTURE UNMATCHED



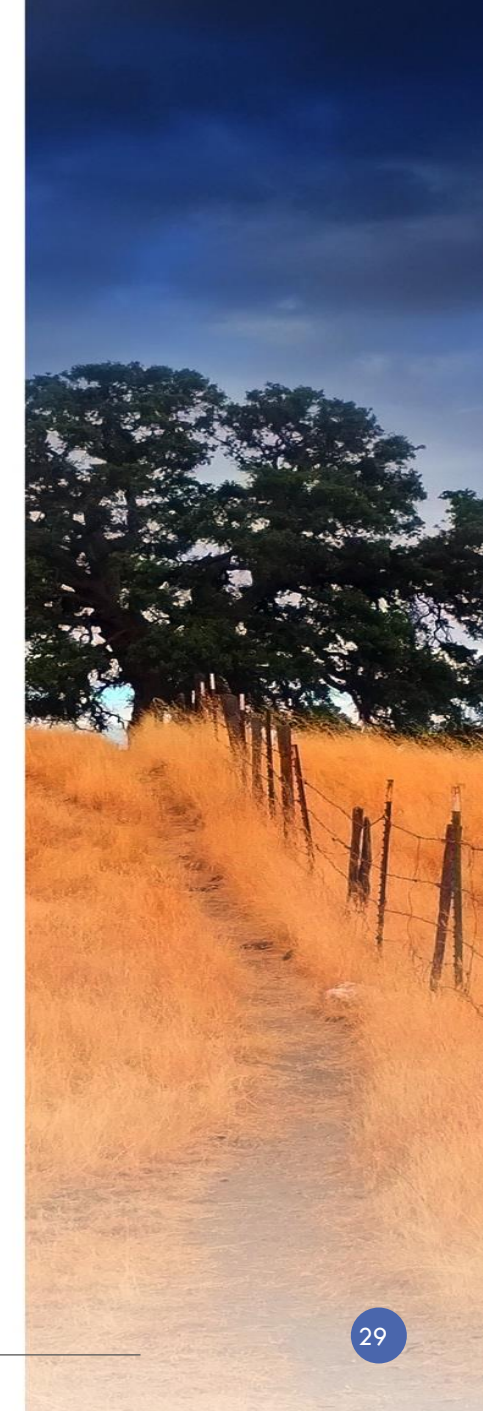
# YAVA PROPERTY

- BRASCAN RESOURCES ESTIMATED THE YAVA MAIN ZONE CONTAINED 1.3 MILLION TONS AT 4.96% ZINC, 1.03% COPPER, 1.6% LEAD, 3.42 OUNCES PER TON SILVER AND 0.008 OUNCES PER TON GOLD TO A DEPTH OF 300 FEET (SALAKEN MARCH 1976) (\*)
- THE NORTH END OF THE GREENSTONE BELT HOSTS THE HACKETT RIVER BASE METAL HELD BY GLENCORE. GLENCORE (XSTRATA) PAID \$50 MILLION FOR HACKETT RIVER WHICH ACCORDING TO XSTRATA'S DECEMBER 31, 2012 ANNUAL REPORT, HACKETT RIVER'S RESOURCE ESTIMATE INCLUDED:

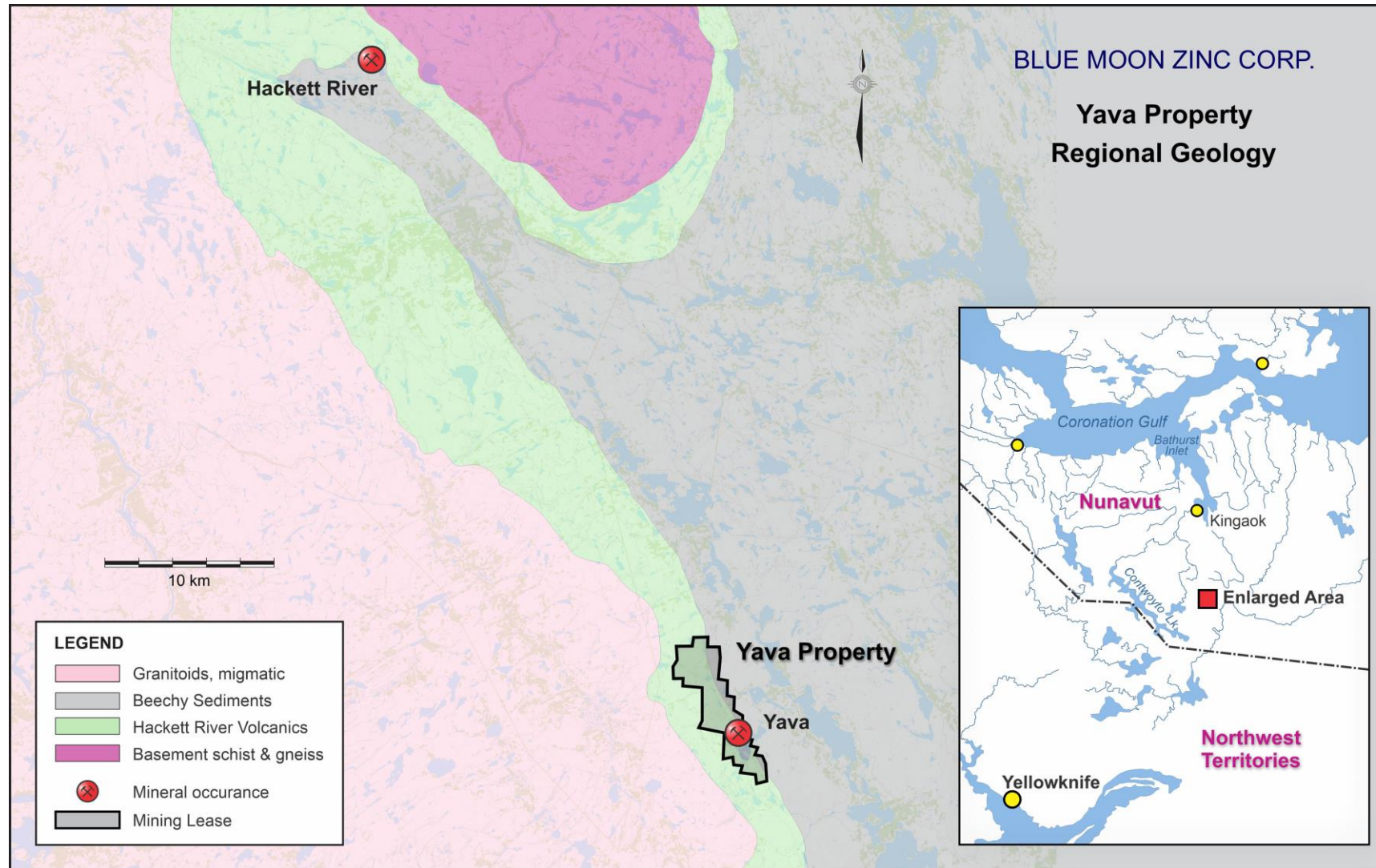
	Mt	Zn%	Pb%	Cu%	Ag g/t	Au g/t
Indicated	25	4.2	0.6	0.5	130	0.3
Inferred	57	3.0	0.5	0.4	100	0.2

- GLENCORE'S HACKETT RIVER CURRENTLY HAS 300 MILLION INFERRED OZ SILVER

\* THIS ESTIMATE PREDATES NI 43-101 AND CONSTITUTE A HISTORICAL ESTIMATE UNDER THAT POLICY, THE NI 43-101 AUTHOR DR. HODDER, WAS NOT ABLE TO IDENTIFY ASSUMPTIONS AND PARAMETERS USED IN THE BRASCAN RESOURCE ESTIMATION AND NEITHER DR. HODDER NOR BLUE MOON ARE TREATING THIS HISTORICAL ESTIMATE AS CURRENT MINERAL RESOURCES UNDER NI 43-101. HISTORICAL ESTIMATES SHOULD NOT BE RELIED UPON.



# YAVA PROPERTY, NUNAVUT CANADA (100%)



- YAVA ON TREND WITH HACKETT RIVER



# COMPANY CONTACT

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BLUE MOON ZINC

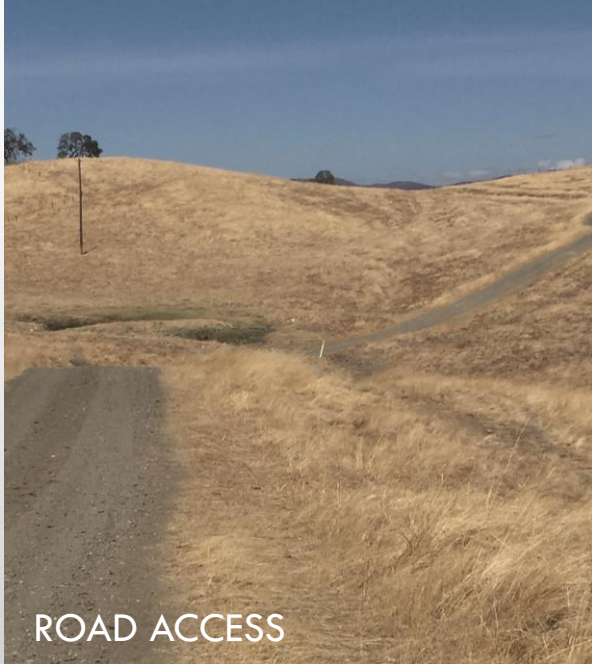
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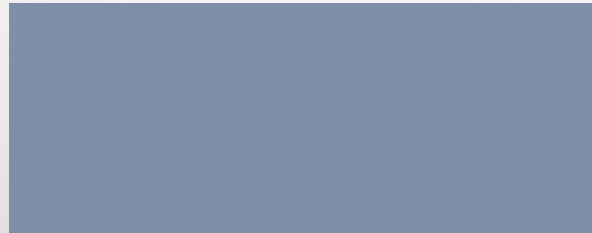
# APPENDIX



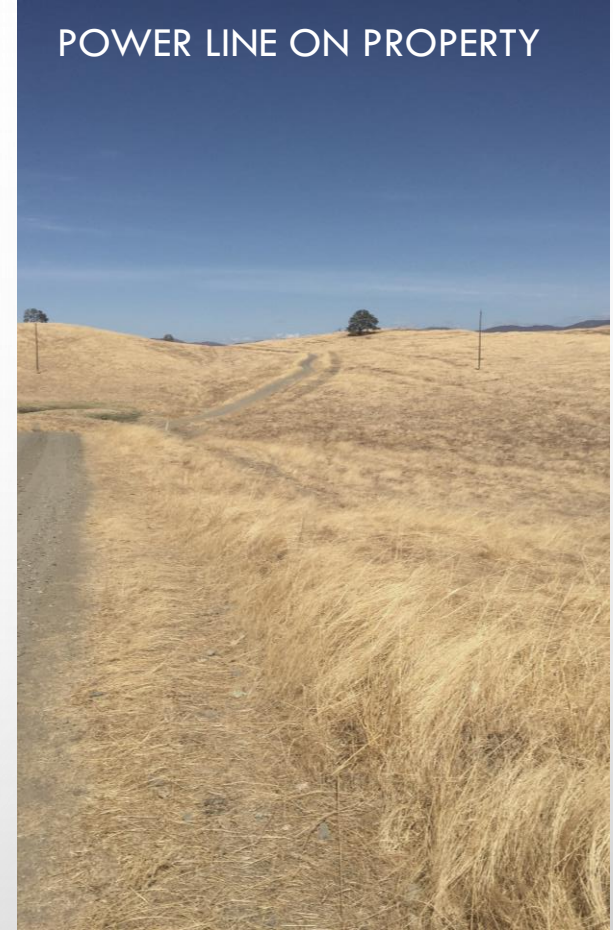
# PHOTO GALLERY



ROAD ACCESS



DRILLING 2018-2019 PROGRAM



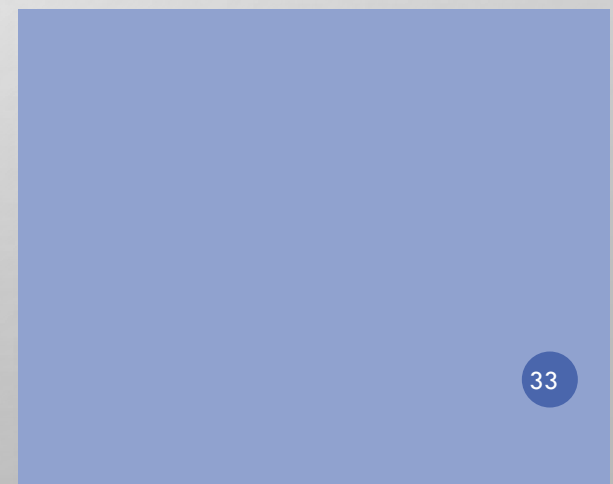
POWER LINE ON PROPERTY



DRILLING CORE



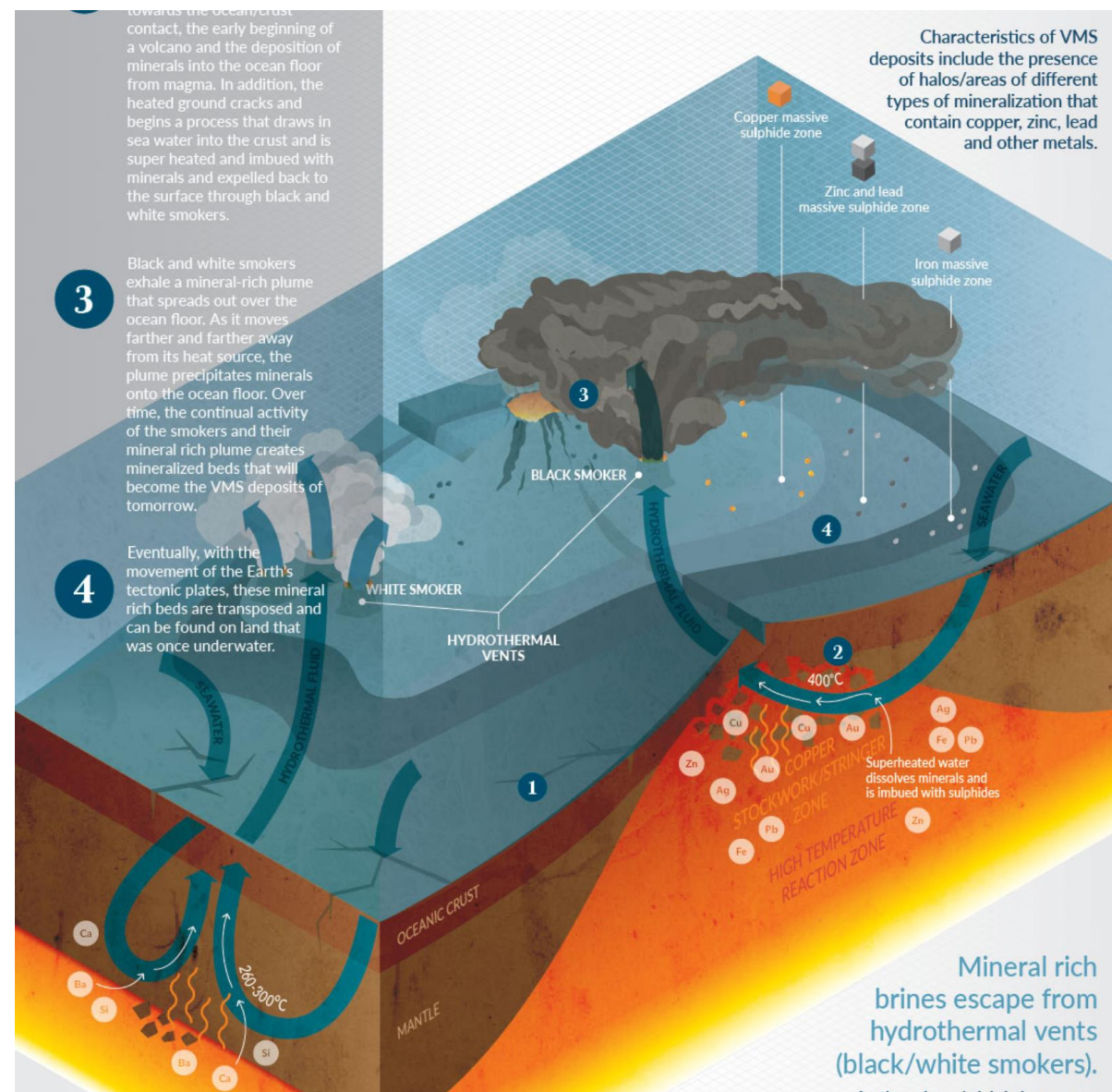
ZINC PELLETS





# DEPOSIT GEOLOGICAL ATTRIBUTES

- HIGH-GRADE POLYMETALLIC ZN-CU-PB-AU-AG VOLCANOGENIC MASSIVE SULPHIDE DEPOSIT.
- CLASSIFIED AS A KUROKO-TYPE, POLYMETALLIC, VOLCANOGENIC, MASSIVE SULPHIDE (VMS) DEPOSIT HOSTED IN RHYOLITE.
- THE ORE MINERALS ARE PYRITE, SPHALERITE, CHALCOPYRITE, GALENA, AND MINOR TETRAHEDRITE AND BORNITE.
- ASSOCIATED SULPHATE MINERALS ARE BARITE, GYPSUM AND ANHYDRITE.
- TO DATE, FOUR LENSES OF MINERALIZATION HAVE BEEN IDENTIFIED WITHIN TWO, POSSIBLY THREE, NEAR VERTICAL STACKED HORIZONS WITHIN A 50 - 180 FOOT (15 – 55 METRES) STRATIGRAPHIC INTERVAL.





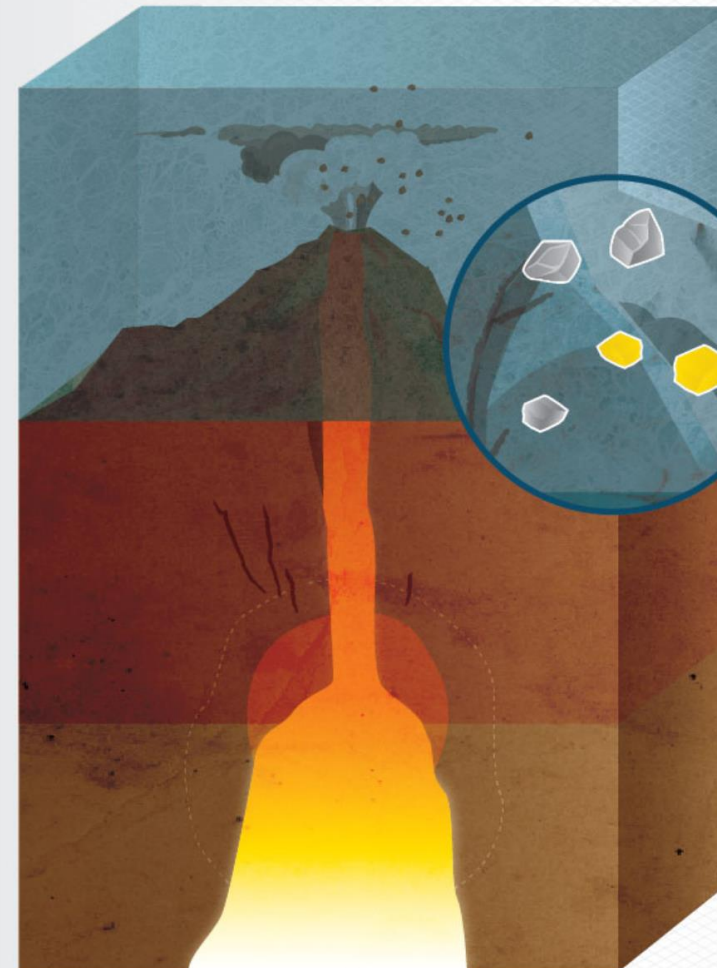
Mineral exploration companies are exploring for seafloor massive sulfide deposits

Volcanogenic massive sulfide deposits are forming today on the seafloor around undersea volcanoes along many mid ocean ridges, and within back-arc basins and forearc rifts.

Most exploration is concentrated in the search for land-based equivalents of these deposits.

# VMS

Volcanogenic Massive Sulphide Deposits



VMS deposits are **rich in base metals** such as copper, zinc, lead and other minerals.

VMS deposits can also produce precious metals such as **gold and silver**.

## % WORLD METAL PRODUCTION FROM VMS DEPOSITS:



ZINC  
**22%**



COPPER  
**6%**



LEAD  
**9.7%**



SILVER  
**8.7%**



GOLD  
**2.2%**