

## A GENERATIONAL OPPORTUNITY

in Critical Metals

## We have an opportunity to create value in a Resource industry that is shifting towards the needs of the emerging Green Economy

## **INNOVATION · EXPERTISE · PURPOSE**

- VR does greenfields exploration, the R&D at the forefront of the Green Economy, by searching for the raw materials known as Critical Metals required across the sustainable technologies sector.
- VR combines industry experience with innovative exploration technologies to pursue groundbreaking discoveries.
- VR explores only in proven mineral districts and established mining jurisdictions where development is possible.
- VR has raised >\$20M since 2014, year-in and year-out to fund, active continuous exploration on the ground over the past 11 years, advancing & drill testing 8 different properties.
- The Company aligns annual financings to strict annual exploration budgets, and keeps its annual G&A burn tight.
- VR maintains full ownership of its properties in order to maximize potential benefits for investors.

## Blue sky discoveries of large-footprint breccia systems in both Nevada and Ontario by VR over the past eight years, from 2017 through 2024.





From silica-specularite hyd. breccia in alkaline porphyry at **Bonita**, to ...

... carbonatite dykes, veins and vein breccia with REE in IOA hydrothermal system at Hecla-Kilmer, to...





... pyroclastic kimberlite diatreme breccia with diamond fragments at **Northway,** to ...

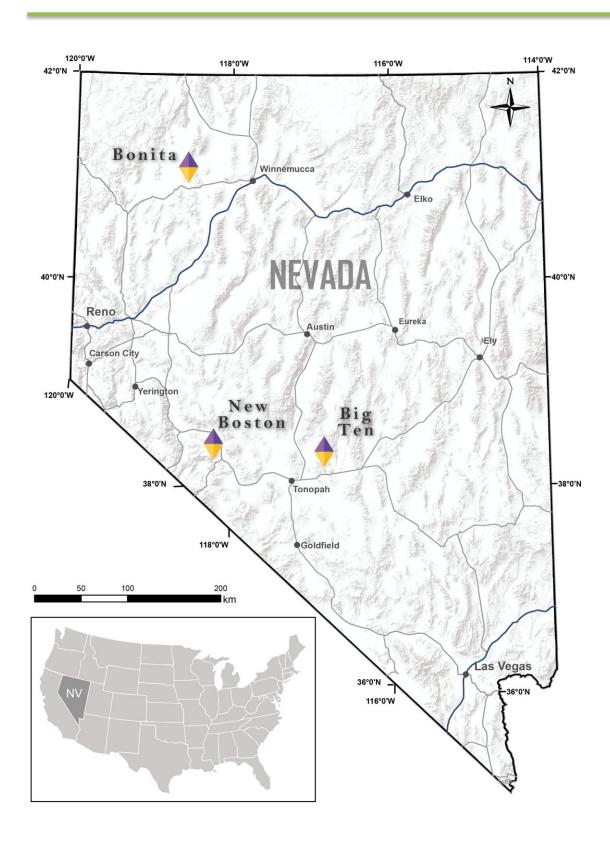
... stockwork veins with Mo-W-Cu-Ag in potassic alteration of monzonite porphyry at **New Boston.** 



## VR HAS ACQUIRED AND ADVANCED EIGHT PROPERTIES SINCE 2014, OWNED 100%

Claims in Nevada are held in a 100% owned subsidiary, Renntiger Resources USA Ltd., registered in Nevada and in good-standing since 2012.





#### GOOD INFRASTRUCTURE FOR COST-EFFECTIVE EXPLORATION & DEVELOPMENT

- Easy access to properties in Nevada from the international airport at Reno;
- Road access to <u>and</u> through properties, with nearby towns for service hubs;
- Power and rail infrastructure;
- Temperate climate for year-round exploration.

### **SOLID OWNERSHIP; SOLID JURISDICTIONS**

- Properties owned 100%, with no carried interests, to leverage upside potential for investors;
- Supportive regulatory environment with long history in mining = effective permitting;
- Nevada Properties outside of sage grouse protection areas.



# Workplan for Q4 2025 - 2026 NEW BOSTON & BONITA POLYMETALLIC CRITICAL METAL PROPERTIES, NEVADA



- 1. Upon completion of the Phase I drill program at New Boston property in the summer of 2024:
  - a. Fall 2025: Obtain drill permit; permit application is already prepared, and a 15 day turn-around from BLM is standard upon submission.
  - b. Q4 2025 / : Phase II drilling, based on results from <u>all</u> exploration data from 2023-2024. Focus on Jeep Mine area to discover and define <u>Q1 2026</u> polymetallic grade potential for Mo-W-Cu-Ag in the center of the large-footprint porphyry system.
  - a. Spring 2026: Plan for new permit for 10,000 m resource delineation drill program in Jeep Mine area; 10 20 holes, 10,000 m
- 2. Fall 2025: Complete new technology 3D-array DCIP survey over Copper Queen target at Bonita property.
  - a. Spring 2026: Obtain drill permit for Bonita property
  - b. Summer 2026: Complete drill test on Copper Queen target, Bonita proprety, to discover a new alkalic, copper-gold porphyry system in Nevada.
- 3. <u>Spring 2026</u>: With gold price at all-time highs of \$4,200/oz, and silver above \$50/oz, renew drill permit and consider the upside potential in completing Phase II of the recce' drill program completed in 2022 on the <u>Amsel</u> epithermal gold-silver property located south of the +20Moz Round Mtn. gold deposit and 100-year mine producer, currently operated by Kinross.

# Budget Framework for Planned Work NEW BOSTON & BONITA POLYMETALLIC CRITICAL METAL PROPERTIES, NEVADA



## Q3-4, 2025

1. New Boston property: Complete Phase I drilling; 3 holes, 1,500 m (Q4 2025 / Q1 2026) USD \$800k

2. Bonita property: new technology 3D DCIP survey @ Copper Queen (scoped with DIAS, and available) USD \$150k

3. Corporate G&A, Vancouver; US land, permit and exploration admin. <u>USD \$300k</u>

\$1.25M

## 2026

- 1. New Boston property; Complete Phase II delineation drilling: 10-20 holes; 10,000 m
- 2. Bonita property: Complete Phase I drilling; 3 holes, 1,500 m
- 3. Consider completion of first-pass drill test of qz-adularia epithermal Au-Ag system at Amsel: 2-4 holes, 2,000 m
- 4. Corporate G&A, Vancouver; US land, permit and exploration admin



## WHO IS VRR?

## OUR BACKGROUND OUR VISION

Dr. Gunning is extensively published and an expert in greenfields exploration, with 40 years of industry experience spanning research, exploration and mining, with a track record of industry leadership and >\$800M in M&A wealth creation.

Dr. Gunning founded VR Resources in 2014 to explore for critical metals in the western United States, and northern Ontario. Discovery and value creation are sought via the application of modern mineral deposit modeling and new exploration technologies. Upon a successful IPO in 2017, Dr. Gunning has now successively raised more than **C\$20M** in venture capital to fund active and <u>continuous</u> exploration for ten years running.

Since 2014, VR has been at the R&D forefront of Critical Metals: using new technologies to pursue bluesky discoveries and create value in the Green Economy: the future!





## WHERE DO NEW IDEAS COME FROM?

VRR has accumulated a "file cabinet" full of potential new targets in both the western
US and throughout Canada throughout the last decade via industry relationships
property submittals. VRR receives property submittals weekly, if not daily, because:

- 1. VRR's management has a presence across the industry from more than 40 years of experience spanning research, exploration & mining.
- 2. VRR has a presence in Nevada because we have been active on the ground over the past seven years, actually "getting our hands dirty" in everything from prospecting to drilling.

## OUR BOARD HAS CREATED OVER \$1B IN VALUE THROUGH DISCOVERY AND M&A IN THE PAST TEN YEARS





## **MICHAEL GUNNING, PhD, PGeo**

### **FOUNDER, CEO & EXECUTIVE CHAIRMAN**

- Professional Geologist with 30+ years of experience in geology, exploration and mining.
- Global base metal mineral exploration, focused in the America's, with Teck Resources.
- Lead Mineral Deposit Research, and lead NGC initiative, Saskatchewan Geological Survey.
- CEO of Hathor Exploration Limited; successfully guided the company through a hostile takeover and \$654 million acquisition by Rio Tinto in 2012, a top ten M&A deal in the global mining that year.
- Executive Chairman of Alpha Minerals, which was acquired in 2013 for C\$190 million, following the discovery of the Patterson Lake deposit in Saskatchewan.
- Extensively published; prestigious Colin Spence AME BC industry award for discovery; past-President of Saskatchewan Geological Society & SEG Univ. Western Ontario; past Director of Field Hockey Canada.



## Craig Lindsay, DIRECTOR

- 25+ years of experience in corporate finance, investment banking and business development in both NA and Asia.
- Founder, President and CEO of Otis Gold Corp. until its sale to Excellon Resources Inc. (TSX) in 2020.
- Founder, President and CEO of Magnum Uranium Corp. until its merger with Energy Fuels Inc. in July 2009.



### **Keith Inman, DIRECTOR**

- Partner, Business Law group of Pushor Mitchell LLP.
- Practice focused on advising emerging and midmarket companies on corporate/commercial and securities law
- Focus on Corporate Finance and M&A transactions.



**CORPORATE SECTRETARY**Cyndi Laval, Partner, Gowling WLG

CFO: AUDIT: BLAIN BAILEY
DAVIDSON & COMPANY

## **VR's CAPITAL STRUCTURE**



Current Structure on 133.4 M Shares undiluted:

152.9 M Shares Fully Diluted on 10.2 M Warrants and 9.3 M Options

VR RESOU	RCES L	TD. (TSX	.V: VRR), (FSE: 5VR), (O	TCBB: VRRCF)
ISSUED AND	OUTSTAI	NDING COI	MMON SHARES:	133,443,467
OUTSTANDIN	G WARR	ANTS:		10,150,086
3,447,863 2,222,223 480,000	@ @ @	\$0.25 \$0.07 \$0.05	expire June 7, 2026 expire May 29, 2026 expire June 27 2026	
4,000,000  OUTSTANDING	© STOCK	\$0.08	expire June 27 2026	9,290,000
1,475,000 1,150,000	@ @	\$0.19 \$0.30	expire May 11, 2028 expire March 21, 2027	
825,000 50,000	@	\$0.30 \$0.30	expire April 13, 2028 expire May 16, 2027	
200,000 575,000 865,000	@ @	\$0.35 \$0.28 \$0.45	expire July 6, 2028 expire August 14, 2029 expire July 14, 2026	
1,025,000 1,425,000	@ @	\$0.16 \$0.22	expire September 23, 2027 expire April 2, 2029	
1,700,000	@ FD:	\$0.05	expire Dec 3, 2029	152,883,553

Primary Exchange: TSX.V: VRR Secondary Exchange: Frankfurt - 5VR OTCQB - VRRCF



## Some Project Details, Nevada

## Key Data on Nevada Properties



#### **New Boston**

- Mineral County; BLM.
- 77 claims in one contiguous block approx. 2 x 3 km in size, covering 583 ha (1,441 acres).
- Approx. \$1.7M expenditures, 2022-2024; one drill program, 1,300 m in 2 holes.
- \$12k annual BLM fee, paid through Sept. 1, 2025.
- Reclamation of 2024 drilling completed; \$14k bond return pending BLM field inspection.

#### Bonita

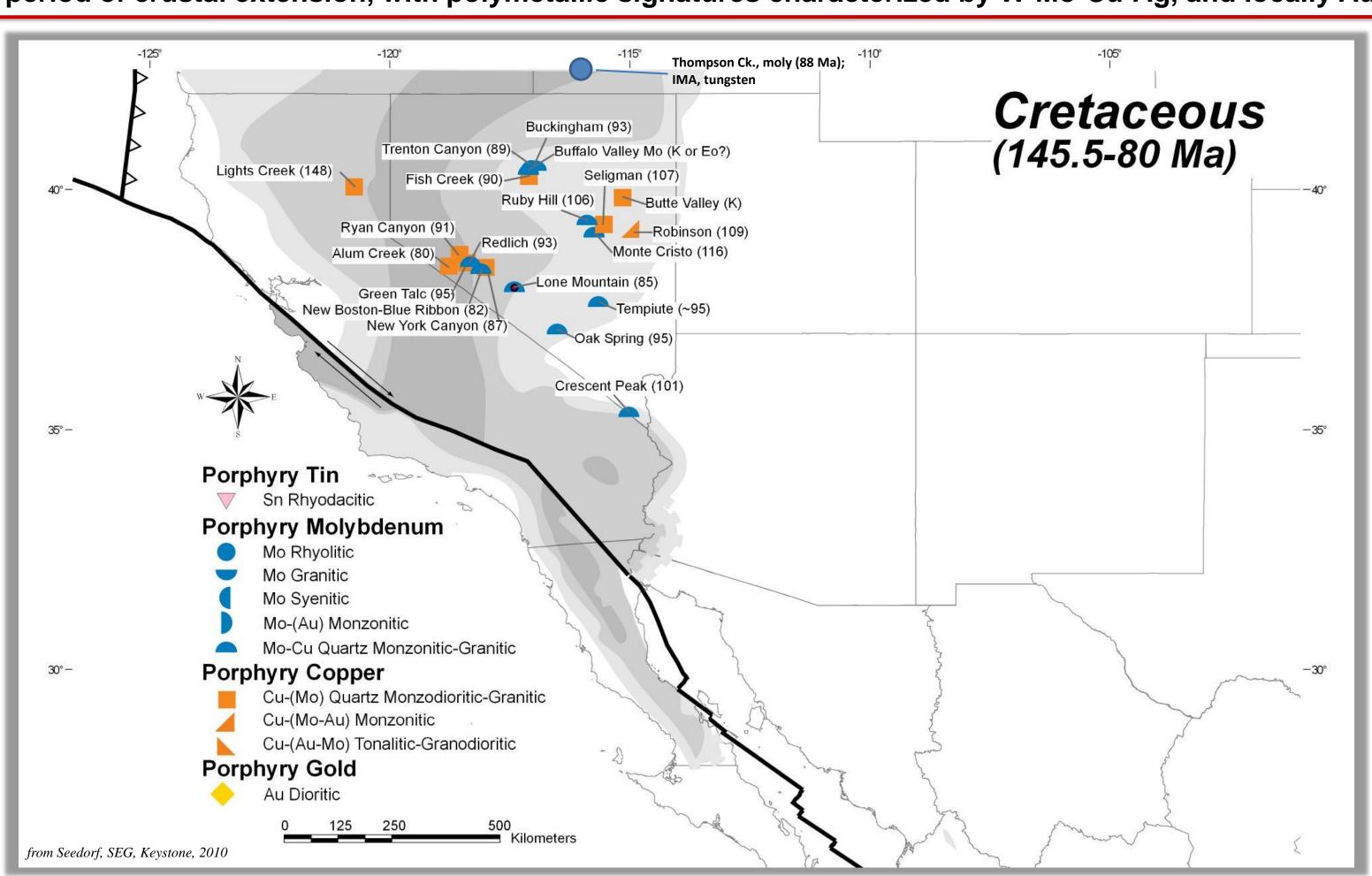
- Humboldt County; BLM.
- 28 claims in one block over Copper Queen on east side of alkali Cu-Au porphyry system.
- Approx. **\$5.5M** expenditures, 2017-2019; two drill programs, 3,731 m in 8 holes.
- \$5k annual BLM fee, paid through Sept. 1, 2025.
- Reclamation of 2019 drilling **completed & approved**; \$14k of bond returned, \$3k pending revegetation.

### Big Ten (Amsel, Danbo)

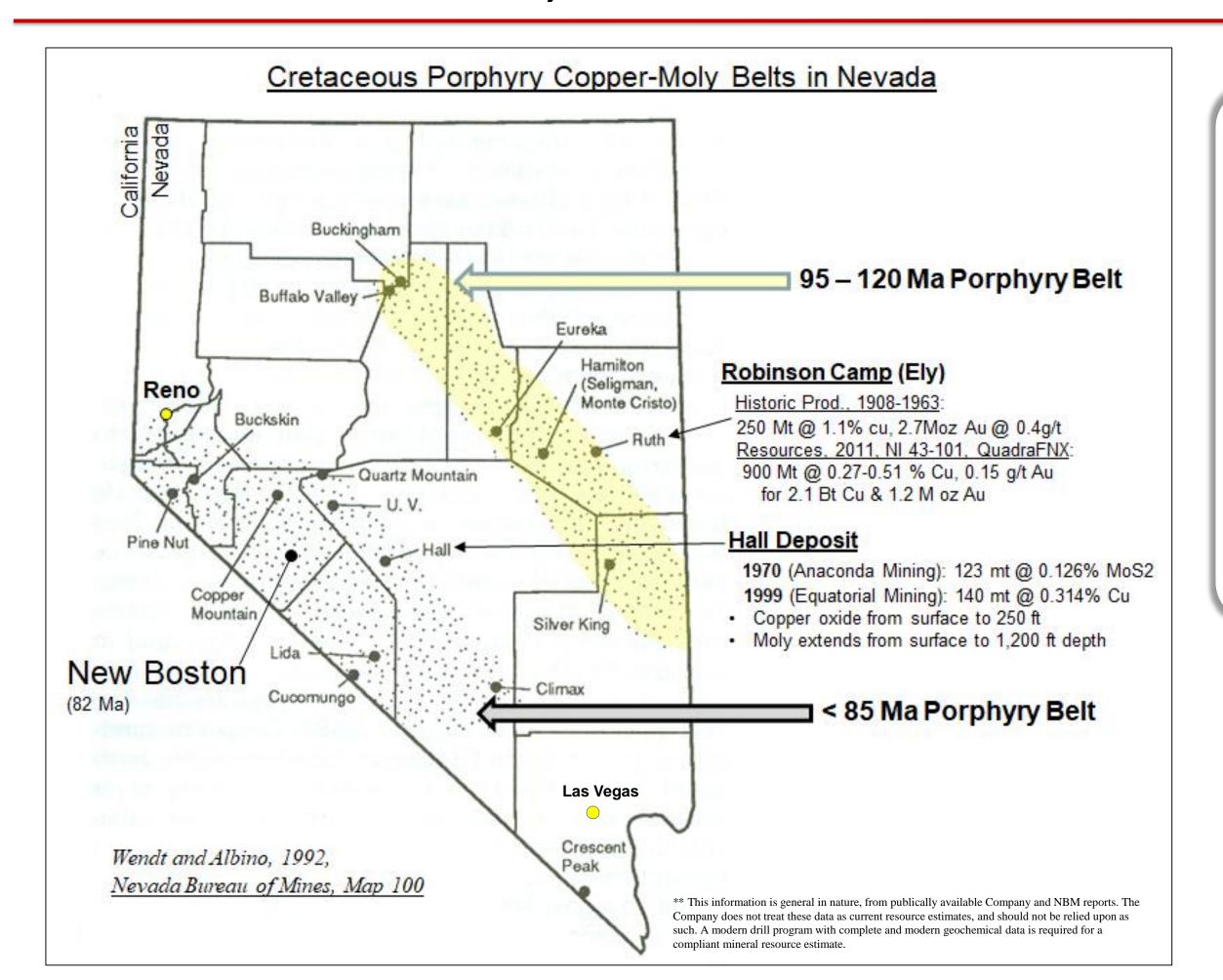
- Nye County; USFS.
- 33 claims in two separate blocks (12 on Amsel, 21 on Danbo).
- Approx. **\$1.7M** expenditures, 2018-2022; one drill program, Amsel, 732 m in three RC holes.
- \$5k annual BLM fee, paid through Sept. 1, 2025.
- Reclamation of 2022 drilling **completed & approved**; \$34k of bond returned, \$7k pending revegetation.



New Boston is in a cluster of porphyry deposits in the western US that formed in Cretaceous time during a period of crustal extension, with polymetallic signatures characterized by W-Mo-Cu-Ag, and locally Au.



## LOCATION MATTERS, AND NEW BOSTON IS IN THE RIGHT NEIGHBOURHOOD

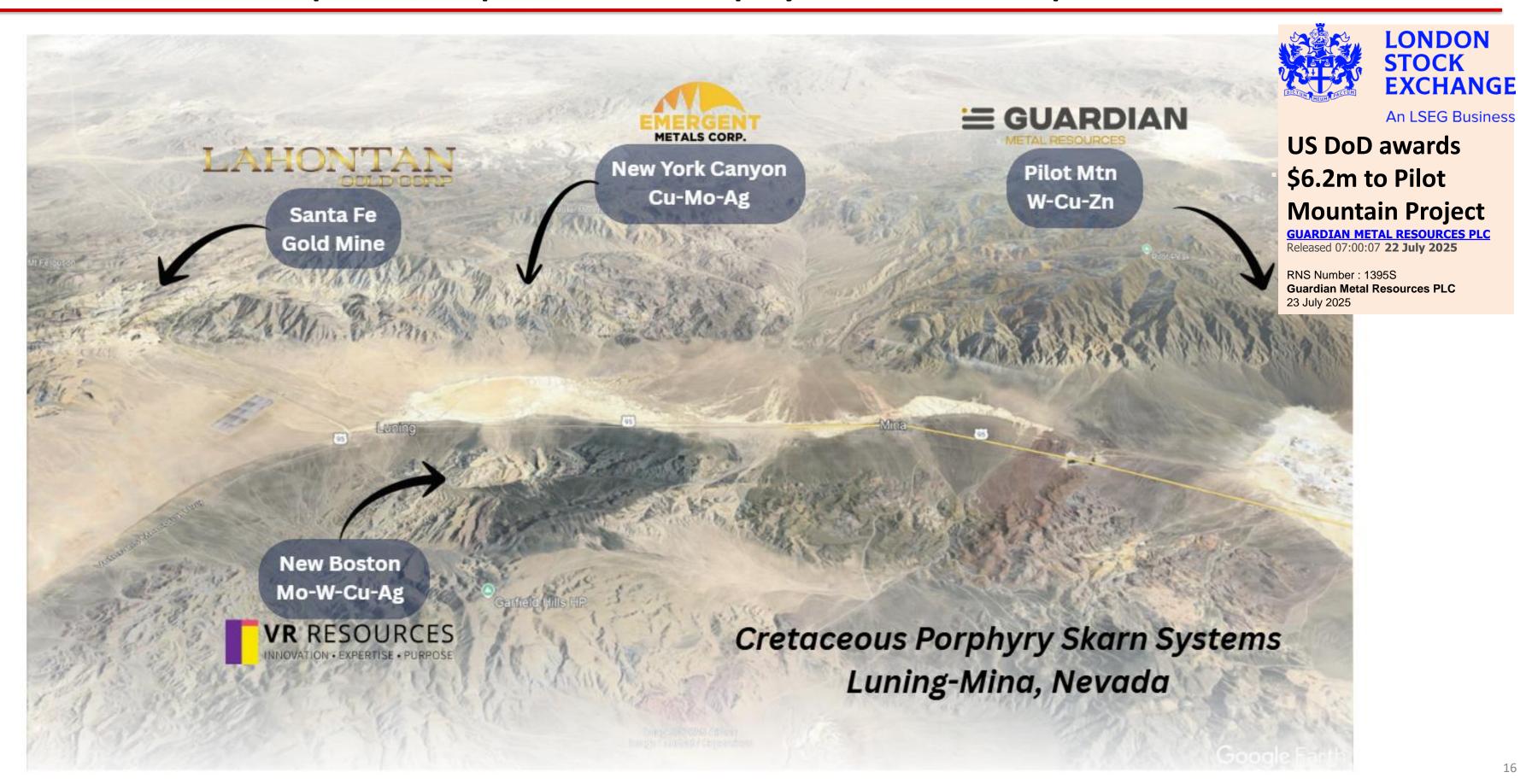


The New Boston property is not alone. It is in the **right place** and is the **right age** for Cretaceous-aged, polymetallic copper-molytungsten-silver systems in western Nevada.

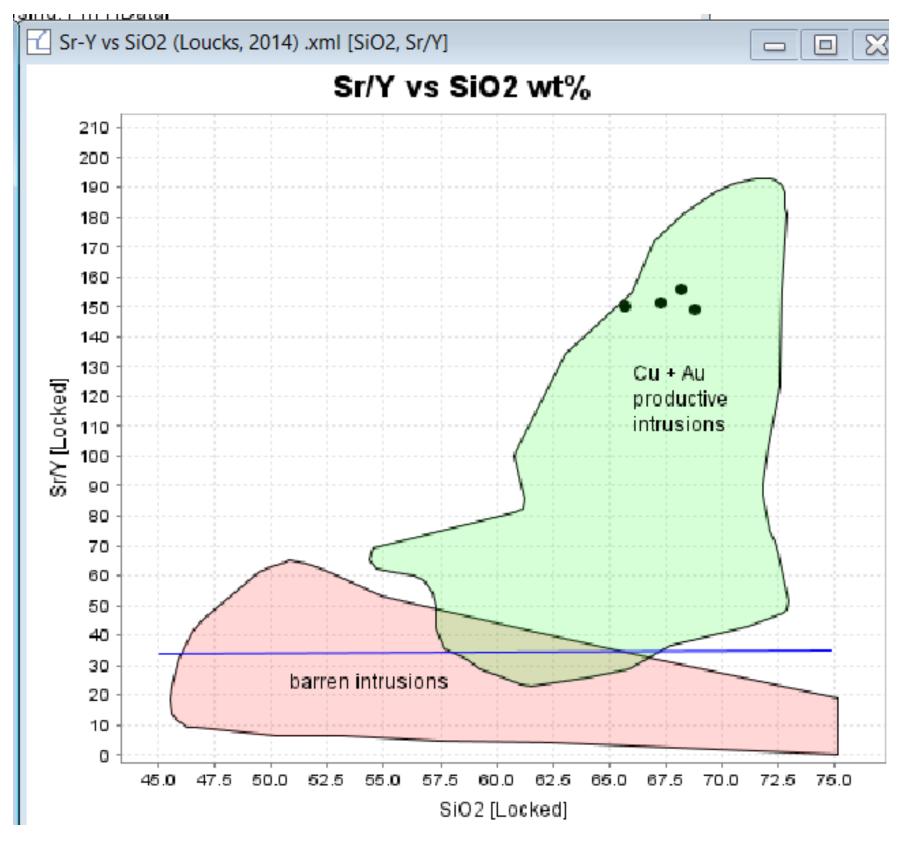
- Robinson mine in the Ely camp is a 100 year copper mine, and still an active producer today (KGHM).
- ☐ *Hall* (Pathfinder Tonopah) high-grade moly porphyry system with copper. Recently receiving offer for \$896M from EXIM Bank.
- ☐ *Pilot Mtn* (Guardian Metals) expanding a 12.5Mt resource 0.27% W03 with significant copper-silver.

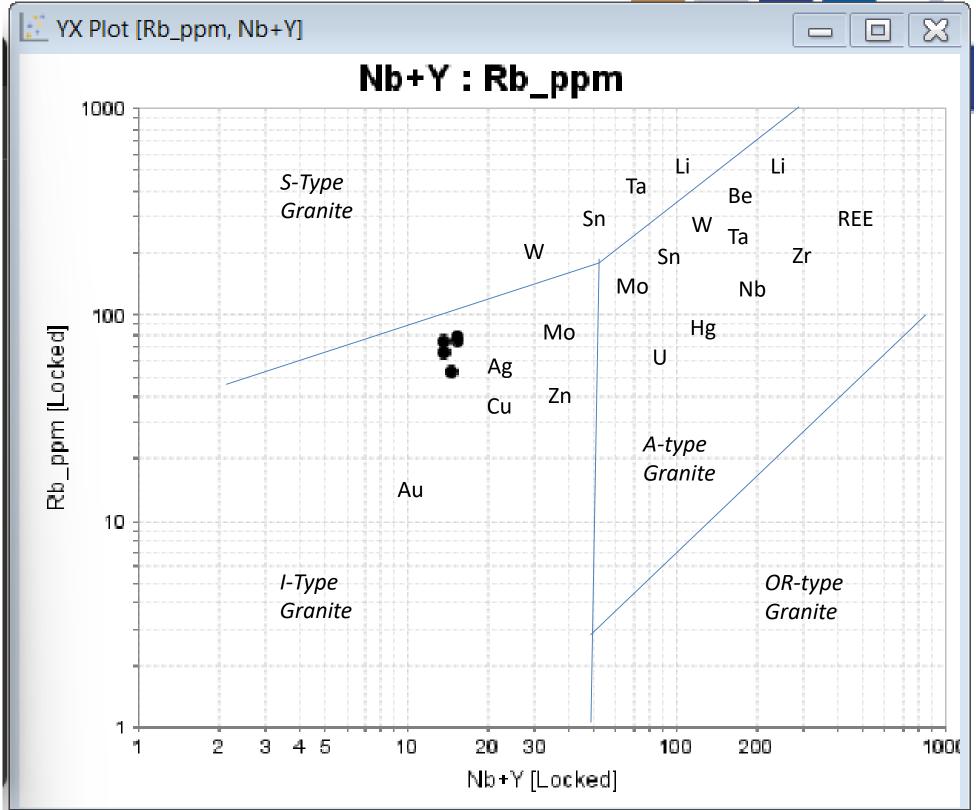
\*\* The **Thompson Creek** molybdenum porphyry deposit is located immediately to the north in Idaho is associated with a Cretaceous-aged Idaho Batholith intrusive event circa **88 Ma** (Idaho Geological Survey). The IMA tungsten skarn-porphyry system is nearby. The arc-related (Endako-type) porphyry molybdenum deposit at Thompson Ck. is hosted by a granodiorite – quartz monzonite stock within the Thompson Creek Intrusive Complex.

While Anaconda put the Jurassic Yerington porphyry camp in Nevada on to the global copper stage in the early 1950's, the younger Cretaceous systems in Nevada have remained much less explored, despite the obvious polymetallic mineral potential.

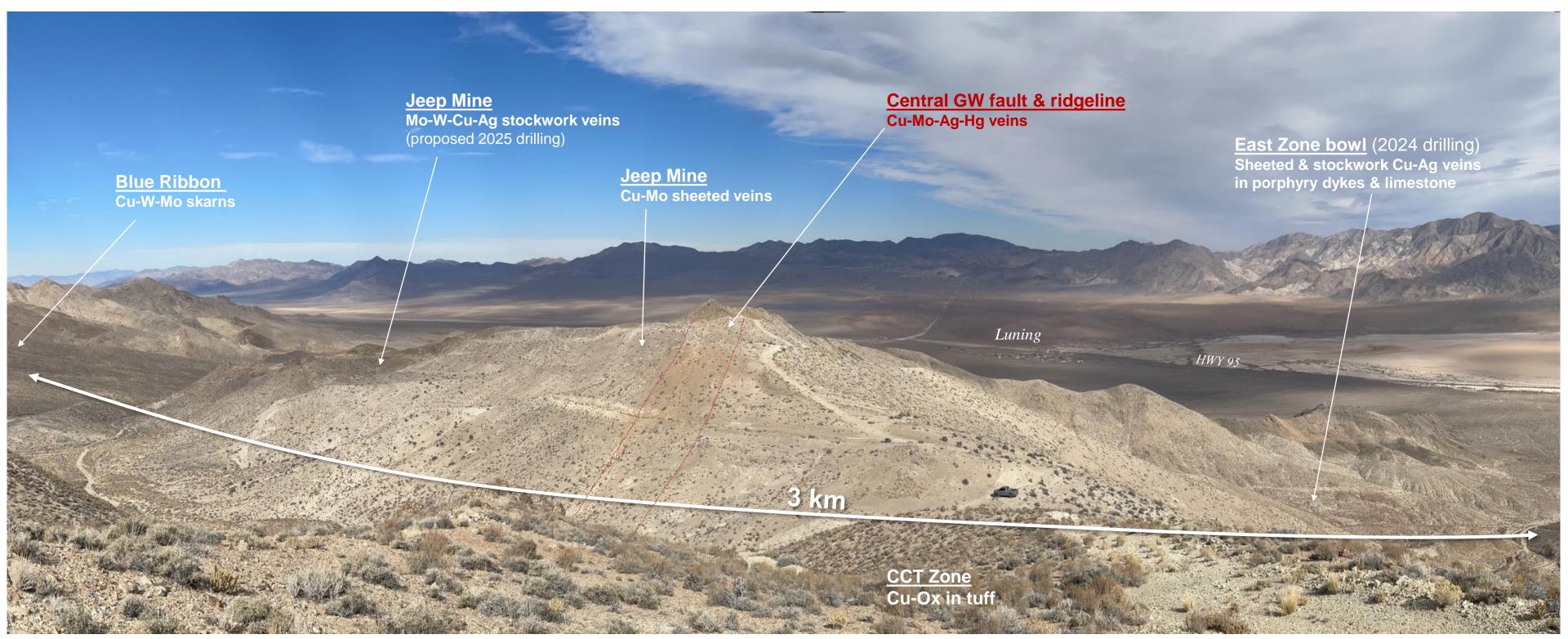


New immobile trace element geochemical discrimination data from VR, 2024, confirms that the New Boston quartz monzonite stock is prospective for porphyry mineralization, and has a geochemical affinity transitional with Cu-Ag-Mo.





The central GW fault and ridgeline mapped by VR is an important feature for zonation within the polymetallic skarn and porphyry system hosted in Triassic limestone at New Boston, with sheeted qz mz dykes and sheeted & stockwork veins with Mo-Cu-W-Ag exposed on surface over a 3-4 km strike East-West.



VR Resources, Aug. 2023

- view north

## New Boston

## **Size**

Shappinggou in China is the largest primary moly mine in the world at **2.3 BT**. The geological model for New Boston by Conoco in 1979 is **3.14 BT** (6,900 ft strike east-east x 6,900 ft down-dip to north x 659 ft thick) \*\*

## Grade

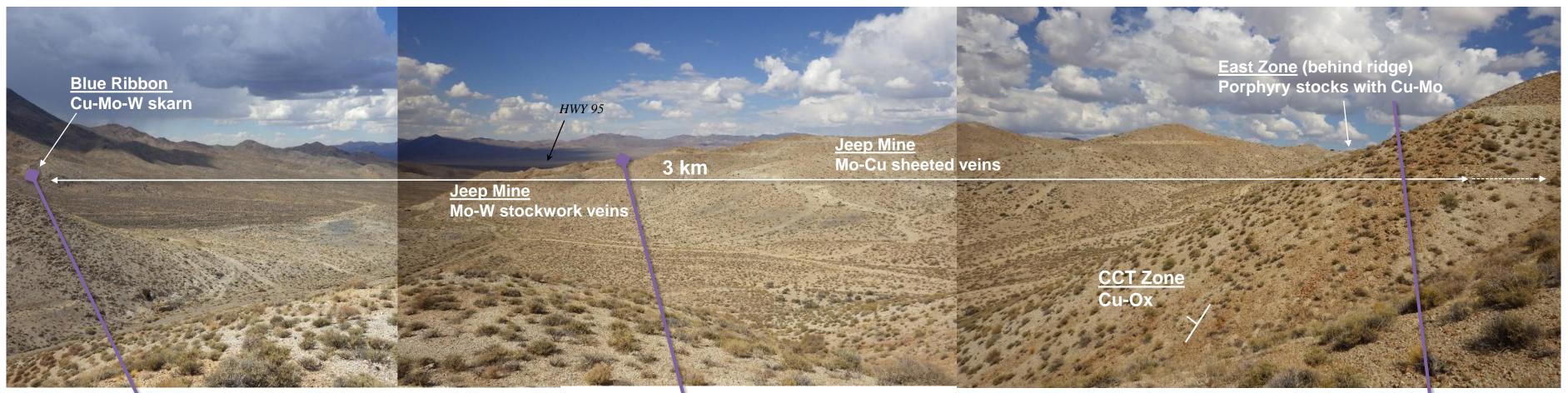
Average grade at Shappinggou is 2.3 bt @ **0.14**% MoS2
There are drill holes that carry **371 ft @ 0.14**% in the center of New Boston

In the 1970's, Conoco demonstrated the world class footprint of the moly system at New Boston in terms of both size and grade, but:

- did not identify a source porphyry stock, nor a
- massive replacement skarn proximal to source.

## Copper

- There is no historic copper data for the 3.14 BT geological model in the center of New Boston, yet drill holes on the eastern edge of the system have **59ft** @ **0.38% Cu** within **279 ft** @ **0.24% Cu**.



**1972**BR-001
92 ft @ 1.38% Cu

1967

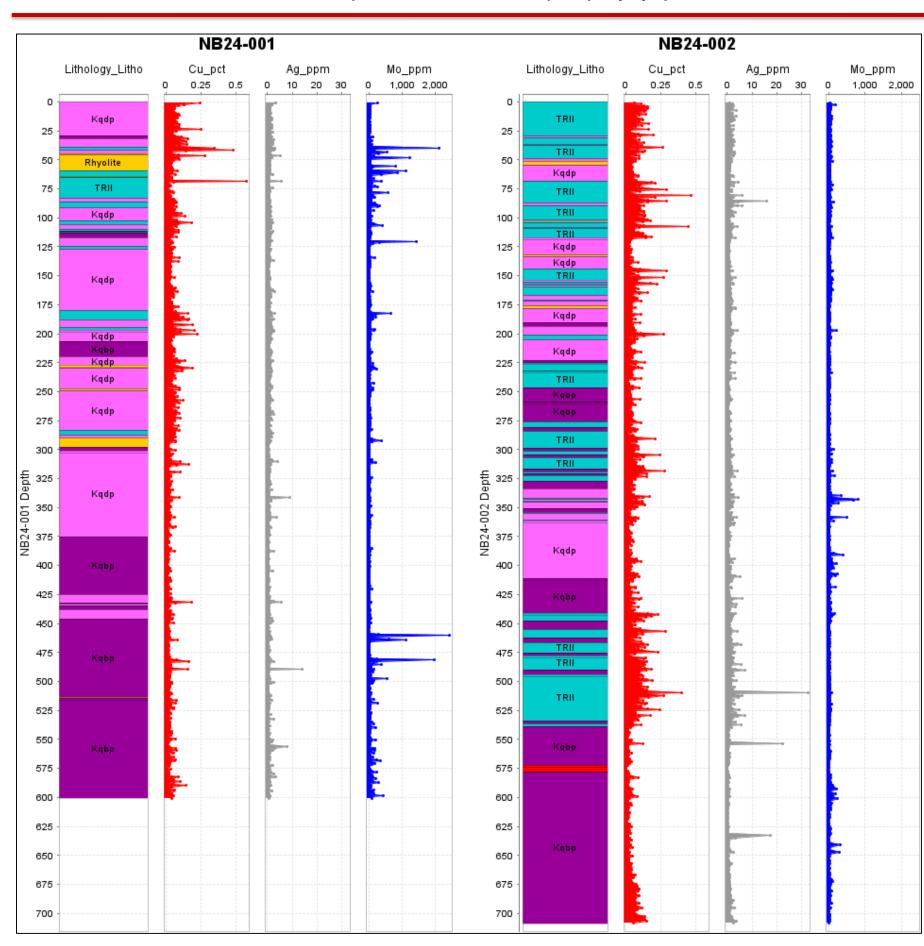
NB-4 on north side of hill:
992 ft @ 0.082% MoS2
including 371 ft @ 0.14% MoS2

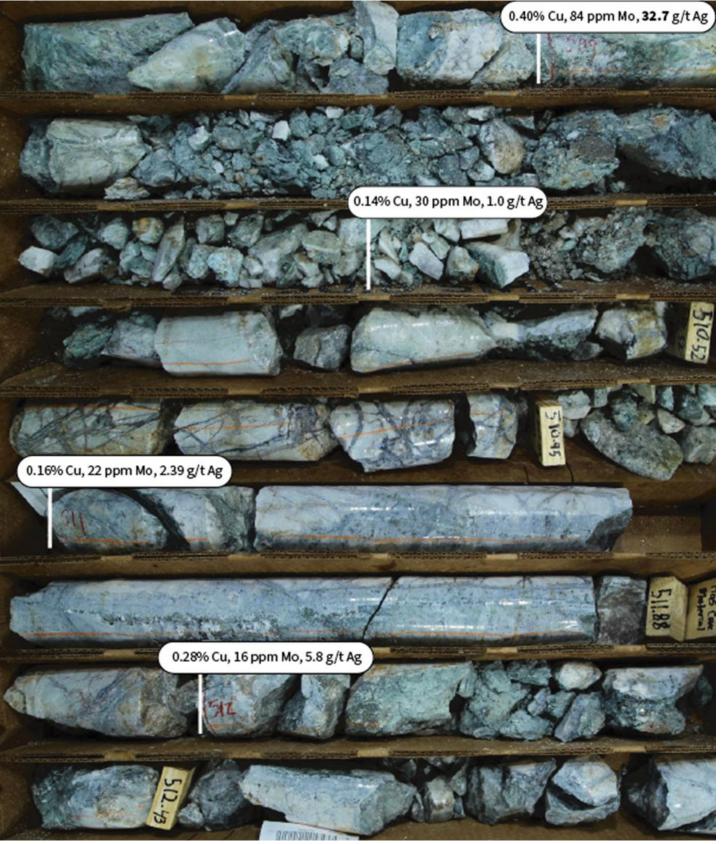
**2010**PNB-005c
279 ft @ 0.24% Cu & 5.6 g/t Ag starting at 12 ft depth, and incl. 59 ft @ 0.38% Cu

<sup>\*\*</sup> This is a geological model only. The Company does not treat this model as a current resource estimate. A modern drill program with complete geochemical data is required for a compliant mineral resource estimate.

## Maiden drill program at East Zone; April – June, 2024

- 1. Copper-moly-silver mineralization is **continuous** over 601 and 709 metre intersections, respectively;
- 2. Multiple mineralized porphyry phases hosted in limestone





<u>Hole 002</u>. Unoxidized and dolomitized marble with pyroxene – garnet stockwork veining above quartz biotite porphyry stock. This high temperature alteration assemblage dominates the bottom of both holes 1 and 2. Quartz veining with nontronite (clay) after pyroxene selvages fracture easily and carry higher grades of silver and copper.

The sub-vertical conductivity anomaly at Jeep Mine potentially tracks the vertical veins to a source porphyry stock.

The drill holes planned for 2025 are collared on existing roads up above and behind the Jeep Mine hill in this photo, and inclined down into and across this vein & conductivity trend, and across the early Mo-bearing sheeted veins.



Drill hole NB-4 completed in 1967 was collared to the north of this location and intersected 992 ft @ 0.082% MoS2, including 371 ft @ 0.14% MoS2.

No copper, tungsten or silver geochemical data are available.

About 11 holes from 500' to 3,000 ft' in length at Jeep Mine by FRM Minerals in 1981, targeting tungsten.

Samples with up to 1.4% W and 0.38% Mo. No copper data

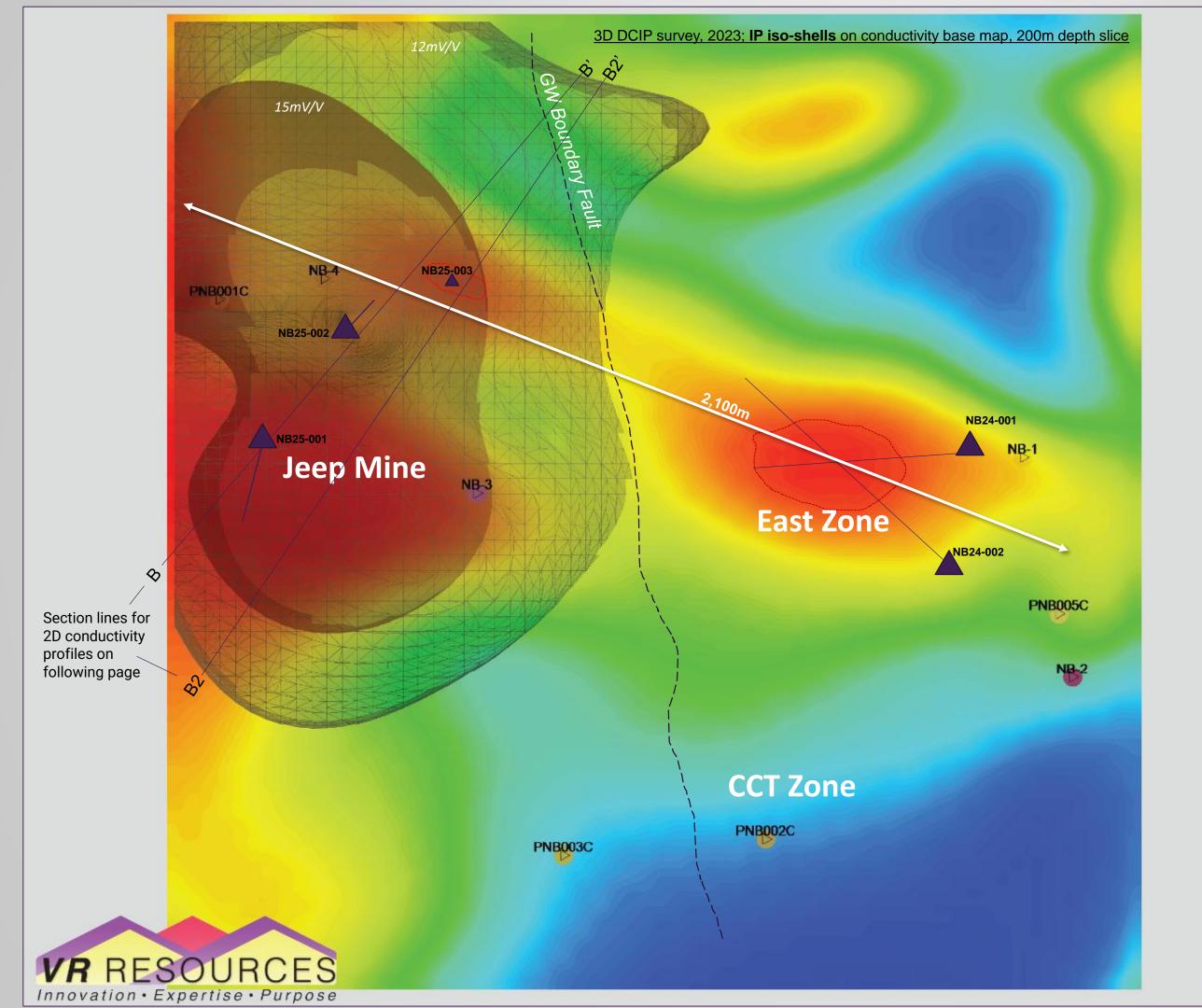
### From Conoco, 1979

Copper grade always increases when there are vertical veins cross-cutting sheeted veins on north-dipping limestone bedding planes; sheeted veins are mineralized, but polyphase & discordant vein stockworks carry grade.

The pale grey clay in the selvage to the cross-cutting quartz-garnet vein in the lower right photo is a secondary mineral after scheelite (W). The garnet is deeper red and more iron-rich compared to distal skarns at Blue Ribbon.

The discordant vertical veins in theses photos at Jeep Mine potentially emanate from a buried porphyry stock.

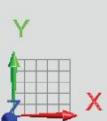




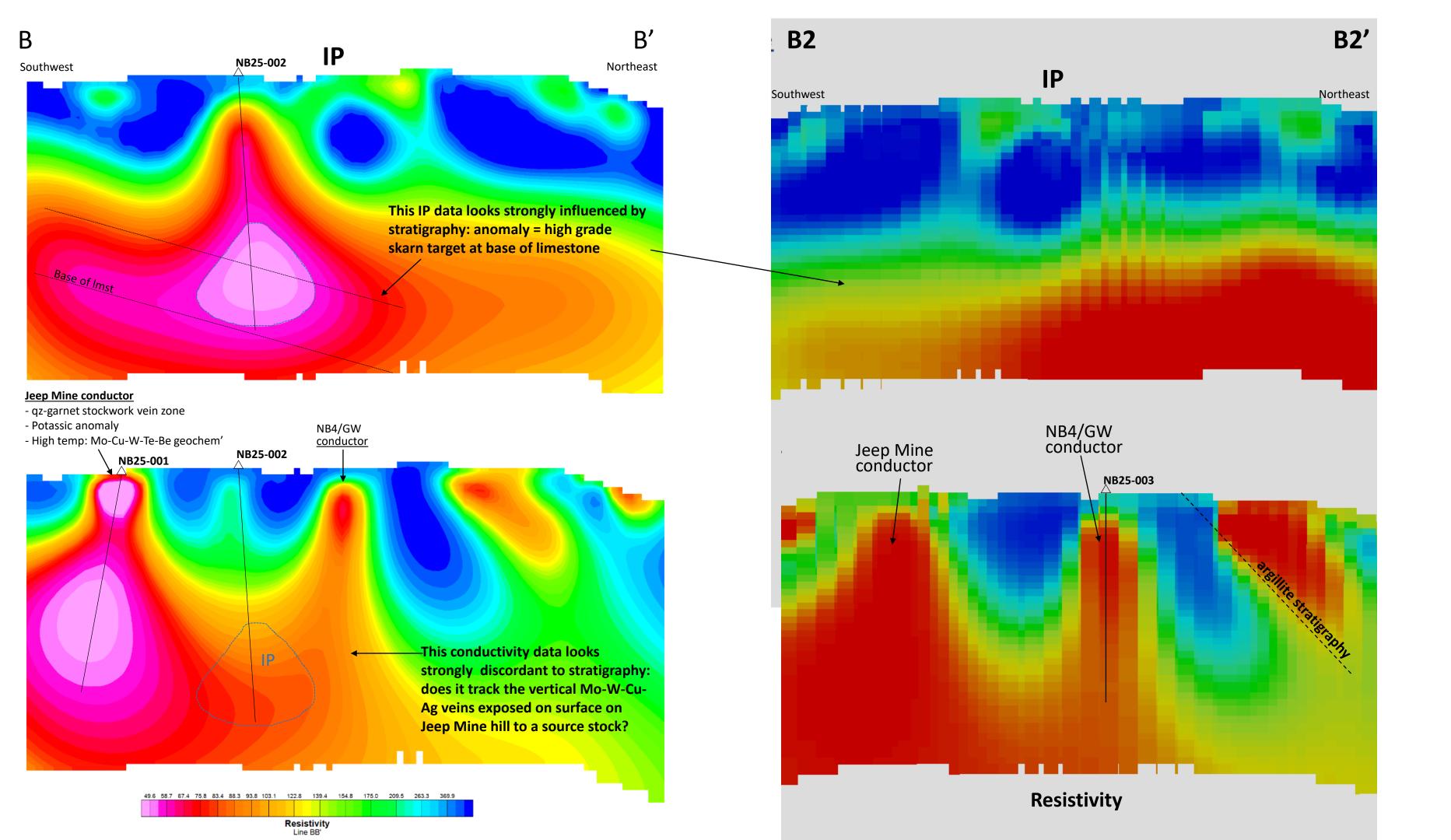


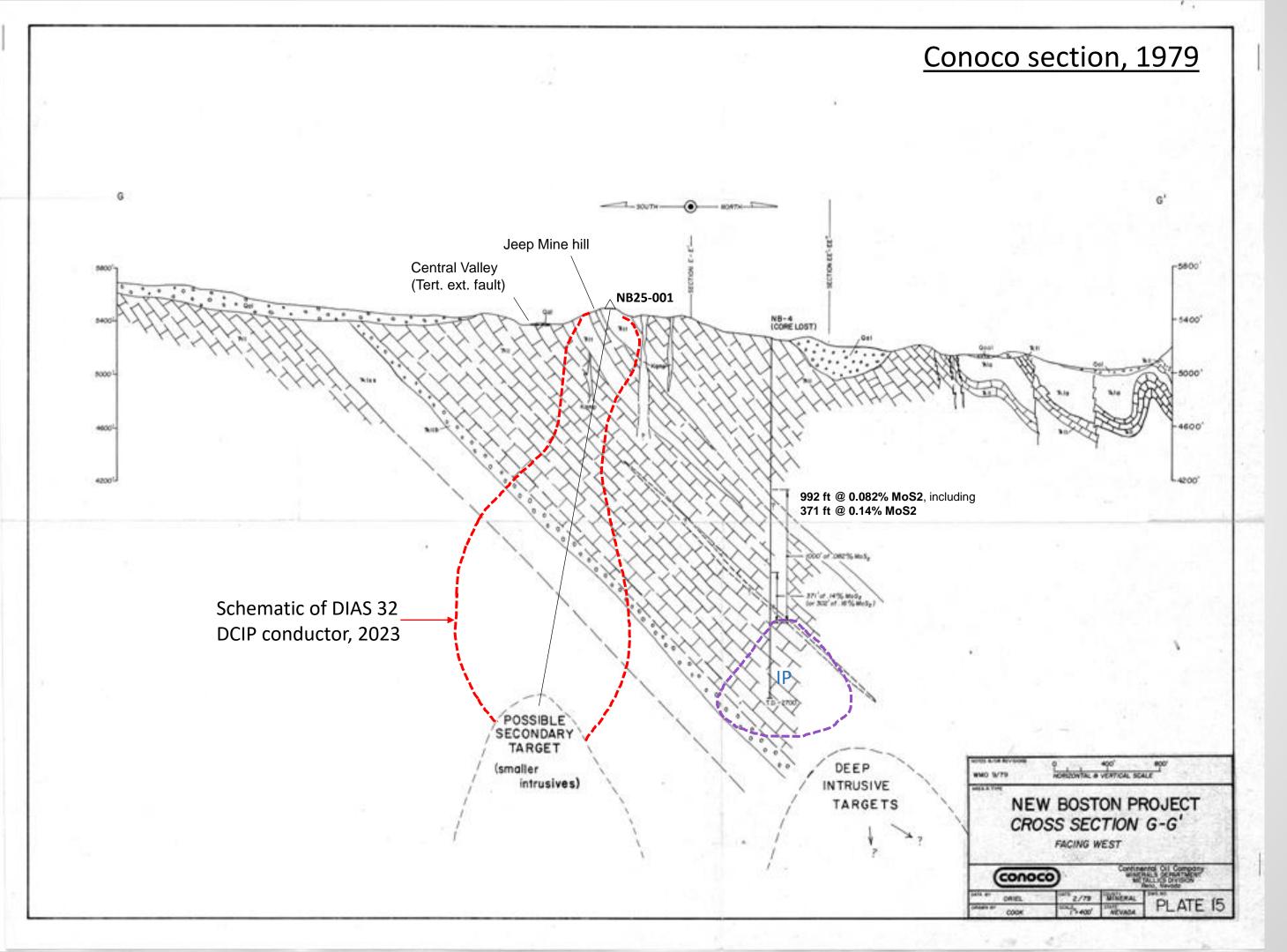
Shown are the two drill holes completed in 2024 by VR to test the stockwork veining in monzonite porphyry stock phases in East Zone at the eastern end of the 3-4 km porphyry-skarn system at New Boston.

The three drill holes shown at Jeep Mine are proposed for 2025 for the second leg of VR's drill program in 2024. They target co-spatial but distinct, rooted conductivity and IP anomalies in the 15 mV/V core of the large IP chargeability envelope on the western side of the GW fault and boundary zone in the middle of the overall porphyry-skarn mineral system at New Boston.



PNB006C







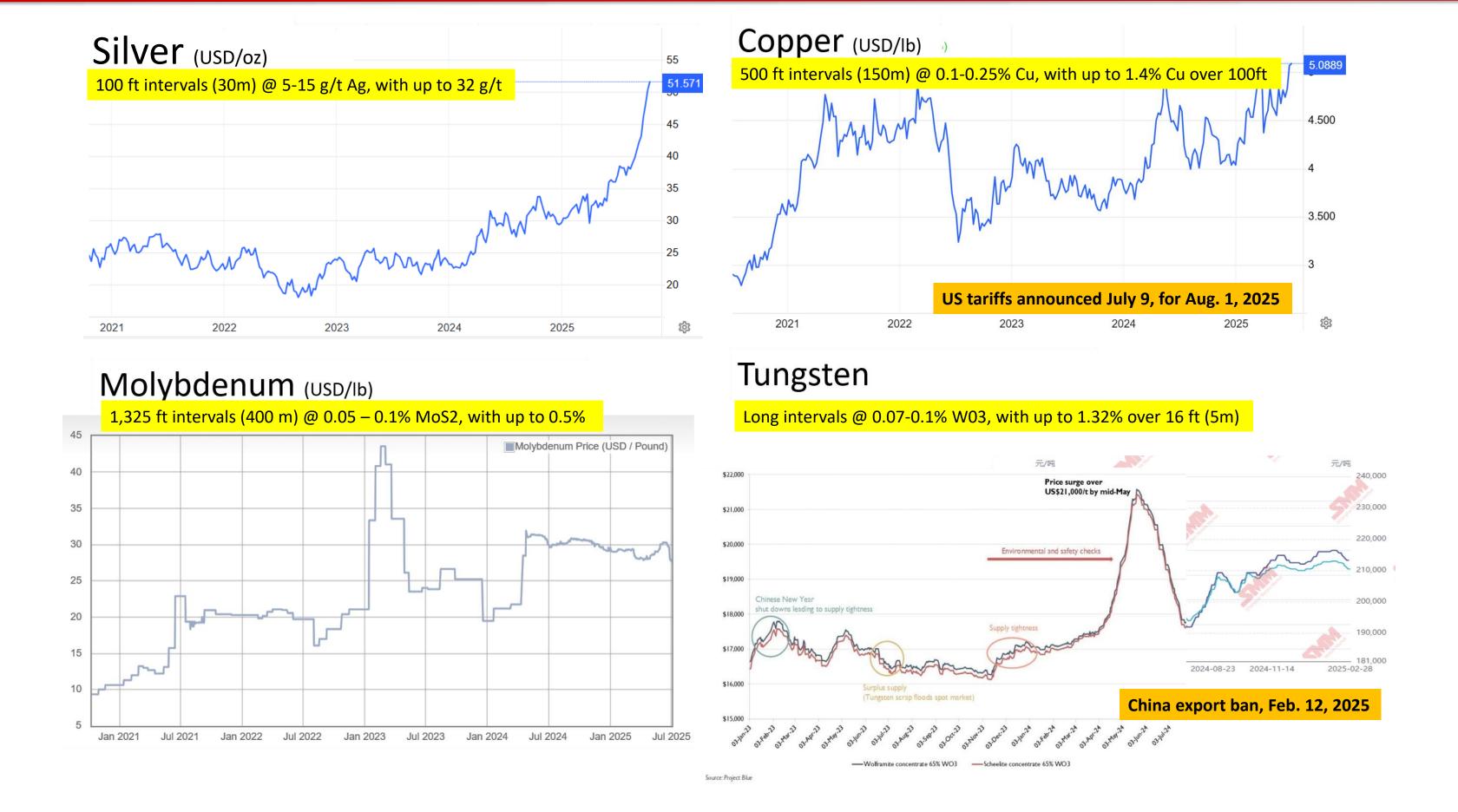
Some 50 years following the expert mapping and reconnaissance drilling by Conoco in 1979, the state-of-the-art geophysical technologies in the 3D array DCIP geophysical survey completed by VR in 2023 provides the tools to identify a discordant conductivity body that is potentially coincident with the porphyry stock that is shown on Conoco's historic, integrated geological models as the inferred source to the mineralized sheeted veins and dykes exposed on surface.

The adjacent IP anomaly is just off-section to the east. Opportunity:

"Is the IP anomaly high grade skarn mineralization adjacent to a mineralized porphyry stock?"

Two drill holes in 2025 will test the separate but adjacent IP and conductivity targets in the central, high temperature core of the overall porphyry system of sheeted veins at New Boston.

Exploration spanning some 50 years demonstrates the world-class size of the porphyry-skarn system of sheeted veins at New Boston across a 3 – 4 km strike. But the niche is its polymetallic signature in W, Mo, Cu and Ag, and new DCIP data obtained by VR in 2023 provide the ability to test the center of the system to define its combined metal value potential at a time when critical metal prices are strengthening.



## Bonita

Copper Queen was held <u>continuously</u> by the Hem Co. & family for nearly a hundred years, from 1907 – 2001.

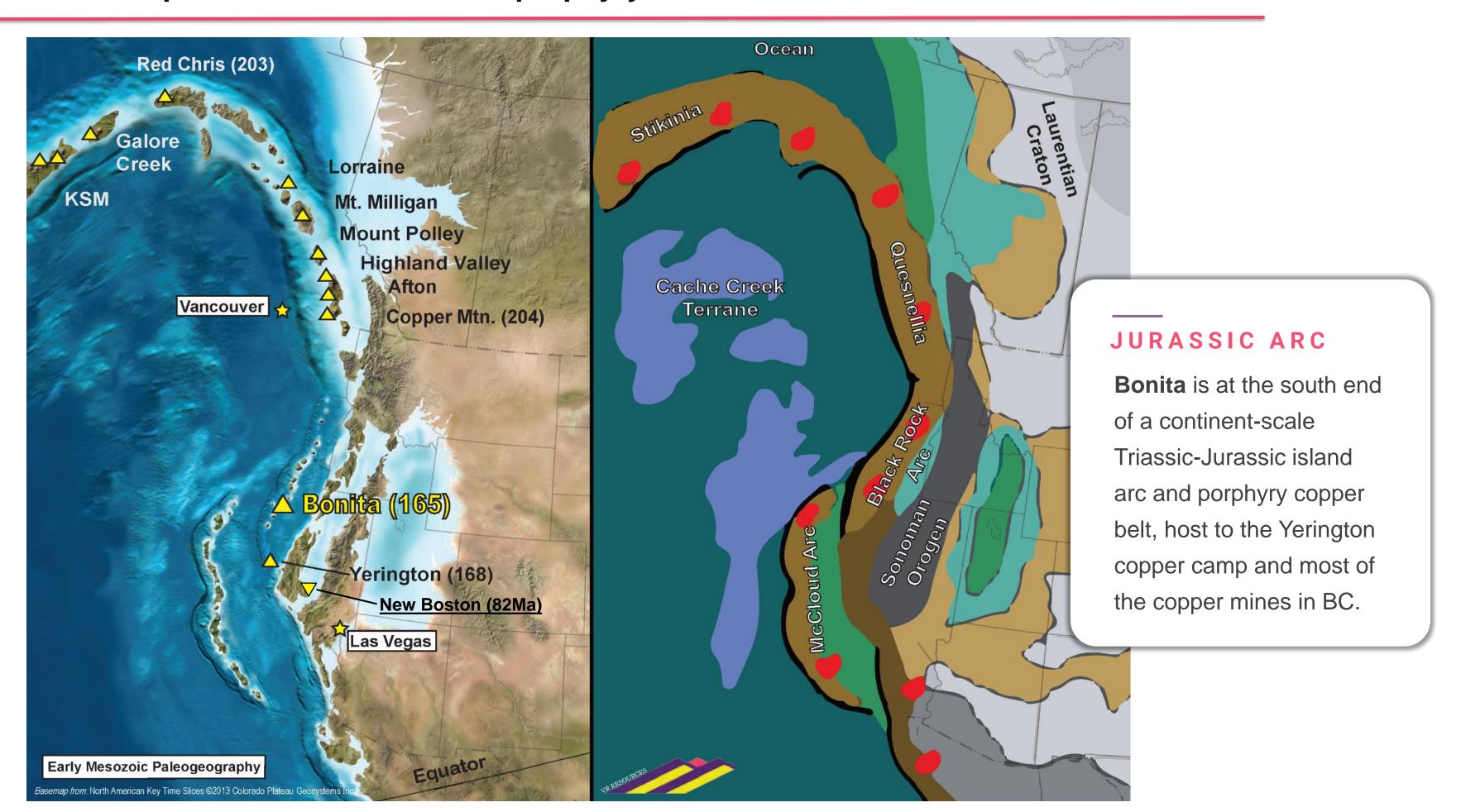
As a result, Copper Queen was excluded from the modern porphyry copper exploration era in the western US from the 1950's through late 1970's.

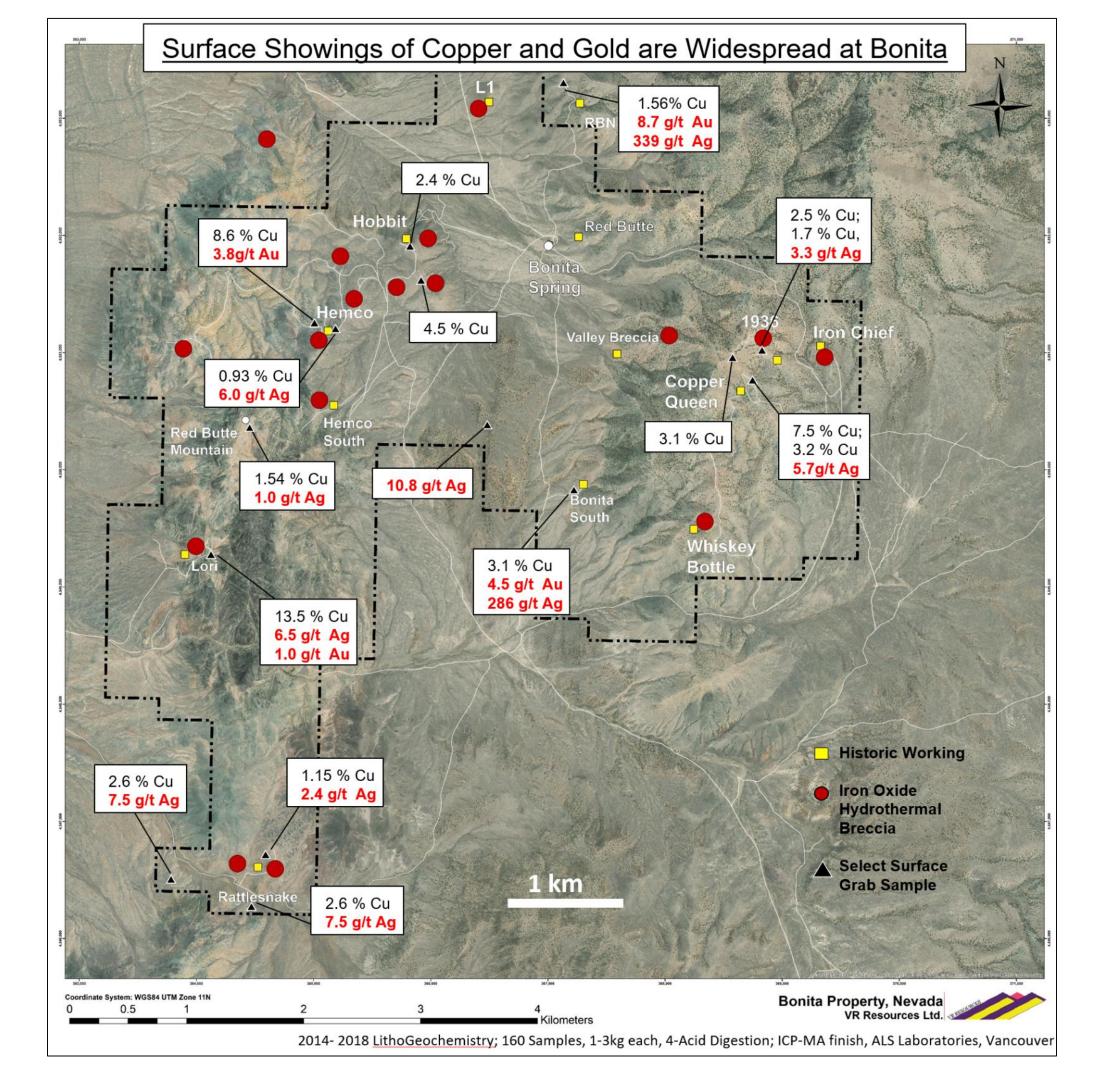
Prior to VR, the only activity was artisanal iron and copper production by the Hem Co. family in the early- and mid-century.

VR can use new tectonic models, new alkaline porphyry cu-au models, and new 3D-array DCIP geophysical technologies to explore for a buried porphyry stock below the artisanal workings at Copper Queen.



## New tectonic models for the western North America Cordillera. Bonita is part of a continent-scale porphyry belt that formed in Jurassic time.





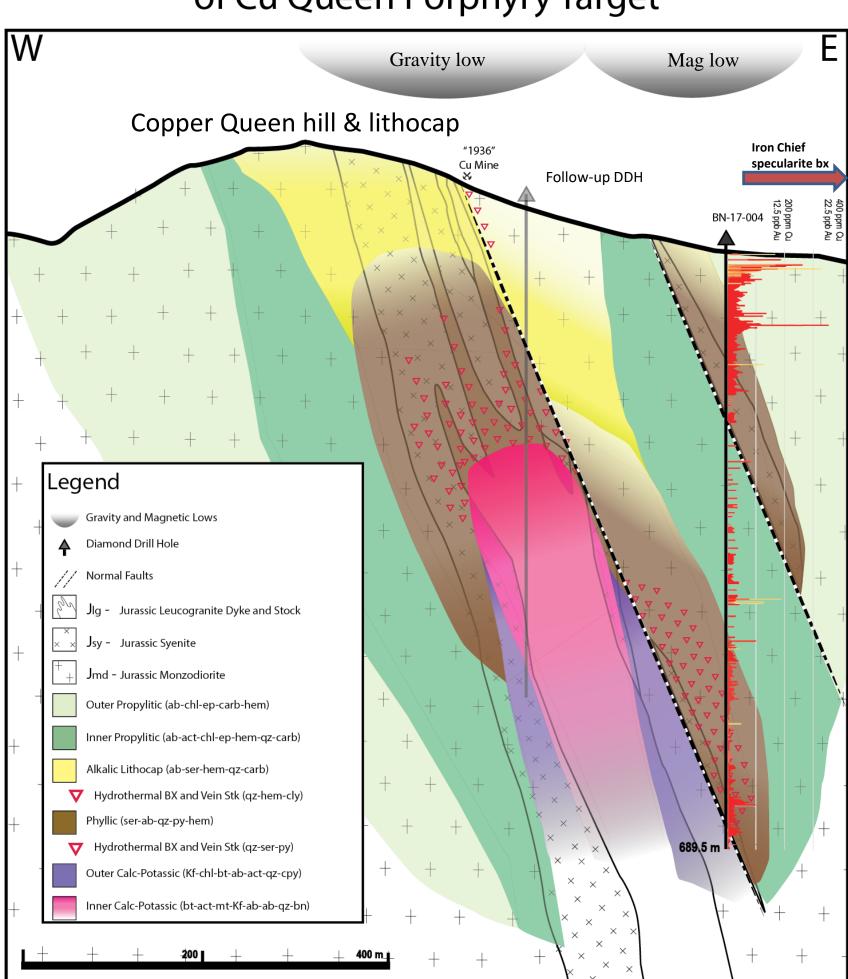


The hydrothermal / alteration footprint at Bonita spans an area of approximately **5** x **7** km, driven by a middle Jurassic, polyphase, alkalic stock emplaced into Triassic volcanic rocks of the Black Rock island arc.

Sodic alteration (albite) of diorite is both strong and extensive, as are occurrences of silicaspecularite veins and hyrothermal breccia.



## Detailed Schematic Cross-Section and Geochem of Cu Queen Porphyry Target



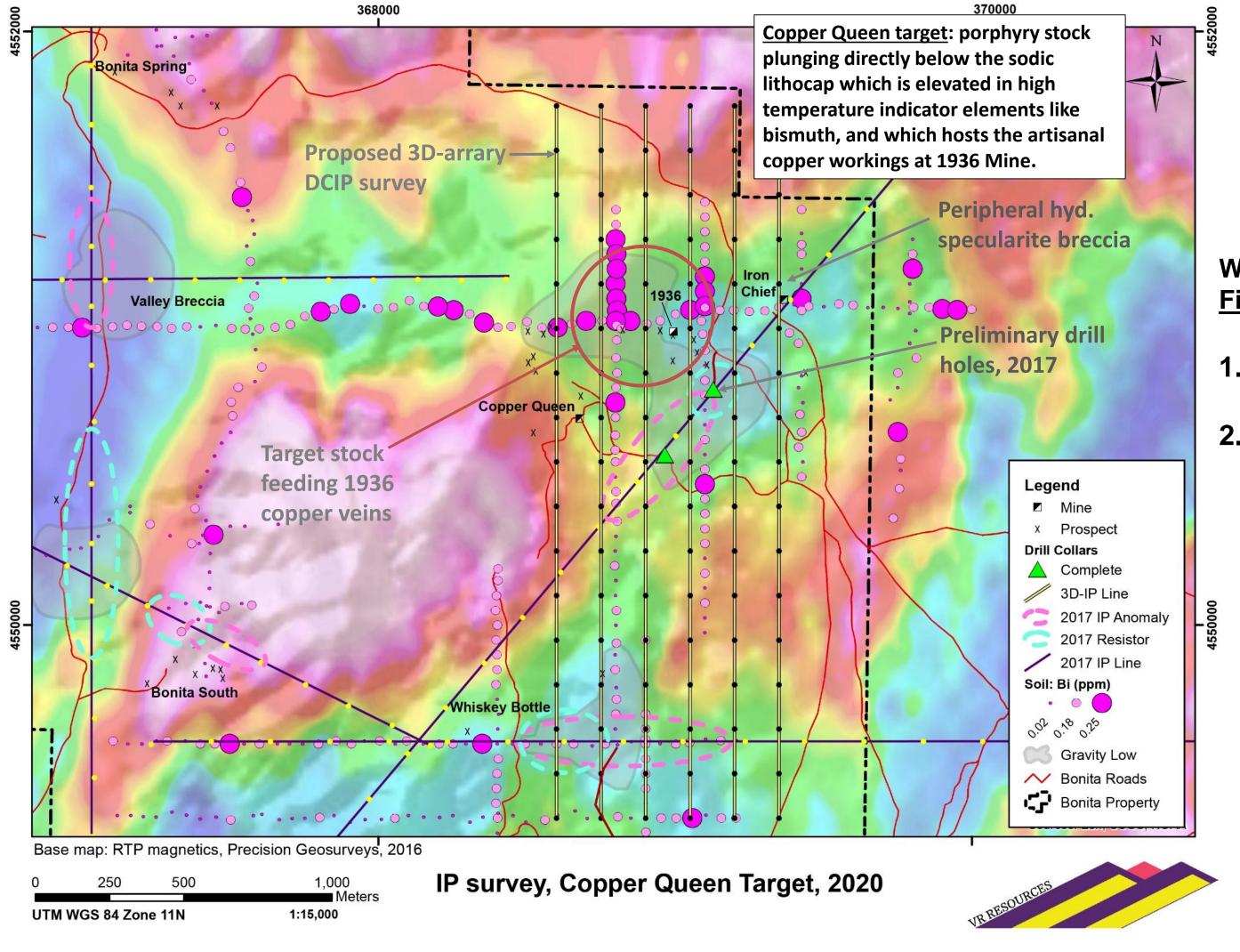
## Schematic X-section of Copper Queen

Drill Holes 1 & 4 in 2017 targeted the IP anomaly from a single reconnaissance line over the Iron Chief specularite breccia / syenite breccia located on the southeast flank of the sodic lithocap at Copper Queen.

Follow-up Drilling will use modern 3D-array DCIP technology to target a porphyry stock directly below the lithocap, and directly below the historic copper workings at 1936 mine.

## **Drill Hole BN17-004**

- Strong correlation of Cu and Au enrichment in upper part of hole.
- High Temperature calc-potassic alteration facies with biotite and actinolite in lower part of hole
- Hydrothermal vein breccia throughout the hole



Work Going Forward to Complete First-pass drill test at Copper Queen

1. 3D-array DCIP survey \$160k

2. Two hole drill program \$600k



View northeast at Bonita in the South Jackson Mountains, from the extensive surface open pit and leach pad operation at Hycroft, a 12M oz Tertiary hotspring epithermal gold deposit.



#### **Disclaimer**

This Presentation has been prepared by VR Resources Limited ("VR") using its best efforts to realistically and factually present the information contained. However, subjective opinion, dependence upon factors outside VR's control and outside information sources unavoidably dictate that VR cannot warrant the information contained to be exhaustive, complete or sufficient. In addition, many factors can affect the Presentation which could significantly alter the results intended by VR, rendering the Presentation unattainable or substantially altered. Therefore, interested Users should conduct their own professional advisors prior to making any investment decisions.

This Presentation does not constitute a prospectus or public offering for financing, and no guarantees are made or implied with regard to the success of VR's proposed ventures. Interested investors are advised to seek advice from their investment advisors.

#### **Technical Information**

Technical information disclosed by the Company has been prepared in accordance with the Canadian regulatory requirements set out in National Instrument 43-101. Technical information contained in this document, and on the Company's website, has been reviewed on behalf of the Company by the President & CEO, Dr. Michael Gunning, PhD, P.Geo., a non-independent Qualified Person.

This Presentation may contain statements and/or information with respect to mineral properties and/or deposits which are adjacent to, and/or potentially similar to the Company's mineral properties, but which the Company has no interest in nor rights to explore. Readers are cautioned that mineral deposits on adjacent or similar properties are not necessarily indicative of mineral deposits on the Company's properties. The historic data presented on the New Boston project is a geological model only. The Company does not treat this model as a current mineral resource estimate. A modern drill program with complete geochemical data is required for a compliant mineral resource estimate.

VR submits soil samples, rocks samples and drill core samples from its Nevada properties to ALS Global Ltd. ("ALS") for geochemical analyses. ALS has sample preparation facilities in Reno, Nevada, with final geochemical analytical work is done at the ALS laboratory located in North Vancouver, BC. Analytical techniques include lithium borate fusion, ICP-MS and ICP-AES analyses for base metals, trace elements and full-suite REE analysis, and gold determination by atomic absorption on fire assay. Analytical results are subject to industry-standard compliant QAQC sample procedures, such as the systematic insertion of both sample duplicates and geochemical standards, done both externally on the project site by the Company, and internally at the laboratory by ALS, as prescribed by ALS.

#### **Caution Regarding Forward-Looking Statements**

This Presentation contains "forward looking statements" (together, "forward looking statements") within the meaning of securities legislation in Canada and the United States Private Securities Litigation Reform Act of 1995, as amended. These forward looking statements relate to analyses and other information that are based on forecasts of future results, estimates of amounts not yet determinable and assumptions of management.

Forward looking statements include, but are not limited to, statements about the future. Often, but not always, forward looking statements can be identified by the use of words such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate" or "believes" or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved. Although the Company presents assumptions herein with regard to certain forward looking statements, management believes that the assumptions made, and the expectations represented by such statements are reasonable; regardless, there can be no assurance that a forward looking statement referenced herein will prove to be accurate.

Forward looking statements by their nature are based on assumptions and involve known and unknown risks, uncertainties and other factors that may cause our actual results, performance or achievements, or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward looking statements. Such risks, uncertainties and other factors include, among other things, the following: the ability of the Company to successfully raise money to fund its business and/or exploration programs; the ability of the Company to successfully operate its mineral exploration programs; the speculative nature of resource exploration; the effect of foreign exchange regulations on exploration programs in Nevada; the absence of mineral reserves on the Company's properties; uninsured risks; uncertainty of actual capital costs and exploration program costs; changes in commodity prices, including copper and gold, but also other metals which in the past have fluctuated widely and which could affect the financial condition of the Company; currency exchange rate fluctuations; risks related to the Company's primary properties being located in Nevada, including political, economic, and regulatory instability; uncertainty in the Company's ability to obtain and maintain certain permits necessary for current and anticipated exploration operations; the Company being subject to environmental laws and regulations which may increase the costs of doing business and/or restrict planned exploration programs.

Although VR has attempted to identify factors that would cause actual actions, events or results to differ materially from those disclosed in the forward-looking statements, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended. Also, many of the factors are beyond the control of the Company. Accordingly, investors should not place undue reliance on forward looking statements. The Company undertakes no obligation to reissue or update any forward-looking statements as a result of new information or events after the date hereof except as may be required by law. All forward-looking statements.