



**NEVADA SUNRISE METALS CORPORATION**

**MANAGEMENT DISCUSSION & ANALYSIS ("MD&A")  
For the three and six months ended March 31, 2024**

**Prepared as at May 27, 2024**

## **CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS**

This MD&A includes certain forward-looking statements or information. All statements other than statements of historical fact included in this MD&A including statements relating to the potential mineralization or geological merits of the Company's mineral properties and the future plans, objectives or expectations of the Company are forward-looking statements that involve various risks and uncertainties. Such forward-looking statements include among other things, statements regarding future commodity pricing, estimation of mineral reserves and resources, timing and amounts of estimated exploration expenditures and capital expenditures, costs and timing of the exploration and development of new deposits, success of exploration activities, permitting time lines, future currency exchange rates, requirements for additional capital, government regulation of mining operations, environmental risks, anticipated reclamation expenses, timing and possible outcome of pending litigation, timing and expected completion of property acquisitions or dispositions, and title disputes. They may also include statements with respect to the Company's mineral discoveries, plans, out-look and business strategy. The words "may", "would", "could", "should", "will", "likely", "expect", "anticipate", "intend", "estimate", "plan", "forecast", "project" and "believe" or other similar words and phrases are intended to identify forward-looking information.

Forward-looking statements are predictions based upon current expectations and involve known and unknown risks and uncertainties. There can be no assurance that such statements will prove to be accurate. Actual results/future events could differ materially from those anticipated in such statements.

Important factors that could cause actual results to differ materially from the Company's plans or expectations include risks relating to the actual results of exploration programs, fluctuating commodity prices, the possibility of equipment breakdowns and delays, the availability of necessary exploration equipment including drill rigs, exploration cost overruns, general economic or business conditions, regulatory changes, and the timeliness of government or regulatory approvals to conduct planned exploration work, political events, fluctuations in mineralization grade, geological, technical, mining or processing problems, future profitability on production, the ability to raise sufficient capital to fund exploration or production, litigation, legislative, environmental and other judicial, regulatory, political and competitive developments, inability to obtain permits, environmental liability for work programs, general volatility in the equity and debt markets, accidents and labor disputes and the availability of qualified personnel. Additionally, the Company is not the operator of the Kinsley Mountain joint venture and factors that could affect the Kinsley Mountain joint venture and the Company's interest therein include: the Company does not control the timing, cost or nature of the work programs; the Company may be subject to unexpected cash calls relating to the operation of the Kinsley Mountain joint venture; if the Company is unable to fund its share of the work programs it will suffer dilution to its interest; and the Company cannot guarantee that the operator will conduct successful work programs or further develop the Kinsley Mountain property.

Although the Company has attempted to identify all of the factors that may affect our forward-looking statements, this list of the factors is not exhaustive. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date the statements were made, and readers are advised to consider such forward-looking statements in light of the risks and uncertainties detailed throughout this MD&A. The Company disclaims any intention or obligation to update or revise forward-looking information, whether as a result of new information, future events or otherwise, except where required by applicable securities laws.

## INTRODUCTION

Nevada Sunrise Metals Corporation (“Nevada Sunrise” or the “Company”) is an exploration stage company whose common shares are listed for trading on the TSX Venture Exchange (“TSXV”) under the symbol NEV and on the OTC Markets under the symbol NVSGF. On September 23, 2022, the Company changed its name from Nevada Sunrise Gold Corporation to Nevada Sunrise Metals Corporation to better reflect the Company’s activities. The Company’s business is the acquisition, exploration and evaluation of mineral properties located in the State of Nevada, USA.



Nevada Sunrise Metals Corporation’s Mineral Projects in Nevada

Nevada Sunrise holds 100% interests in the Gemini, Badlands, and Jackson Wash lithium exploration properties, located in Esmeralda County.

As at March 31, 2024, Nevada Sunrise held a 18.74% (2023 – 20.01%) interest in the Kinsley Mountain gold property (“Kinsley Mountain”) in White Pine County, with CopAur Minerals Inc. (“CopAur”) holding the other 81.26% interest in a joint venture company that administrates exploration activities at Kinsley Mountain (Kinsley Gold LLC). On May 13, 2022, CopAur had acquired all the issued and outstanding common shares of the former Kinsley Mountain joint venture partner New Placer Dome Gold Corp. (“New Placer Dome”) by way of a plan of arrangement, an acquisition that included New Placer Dome’s interest in Kinsley Gold LLC.

The Company elected not to contribute to the 2023 exploration program at Kinsley Mountain and incurred dilution such that its participating interest in Kinsley Gold LLC was reduced from 20.01% to 18.74%.

Nevada Sunrise has the option to earn a 100% interest in the Coronado VMS property in Pershing County, Nevada.

This discussion and analysis of financial position, results of operations and cash flows of Nevada Sunrise for the three and six months ended March 31, 2024 includes information up to and including May 27, 2024 and should be read in conjunction with the Company’s condensed consolidated interim financial statements for the three and six months ended March 31, 2024 and audited consolidated financial statements for the years ended September 30, 2023 and 2022. All dollar figures are in Canadian dollars unless otherwise stated.

The reader is encouraged to review the Company’s statutory filings on [www.sedarplus.ca](http://www.sedarplus.ca) and to review other information about the Company and its properties on its website at [www.nevadasunrise.ca](http://www.nevadasunrise.ca).

## **LITHIUM PROPERTIES**

In 2015, Nevada Sunrise adopted an exploration strategy targeting desert basins, or playas, that exhibit similar geological and geophysical characteristics to the Clayton Valley basin where brines containing economic contents of lithium are known to accumulate in faults and porous lithologic traps in sub-basins. Such sub-basins can be delineated by gravity surveys that detect strong gravity lows.

In January 2021, with renewed interest in the lithium sector, the Company commenced a strategic review of its two lithium projects in Nevada. The Company owns 100% interests in the Gemini Lithium Project (“Gemini”) and the Jackson Wash Lithium Project (“Jackson Wash”), both located in the Lida Valley basin in Esmeralda County, Nevada. Future exploration at the two projects is complemented by the Company’s 80.09 acre/feet/year water right, a pre-requisite for the exploration and development of mineral projects in Nevada. An additional 40 claims totaling approximately 800 acres (194.25 hectares) were staked in February 2021 to expand the boundaries of Gemini and Jackson Wash. In 2022, an additional 255 unpatented placer claims and 288 unpatented lode claims were staked at Gemini.

### ***Gemini***

Nevada Sunrise originally acquired a 100% interest at Gemini by claim staking in 2015. Gemini currently consists of 293 unpatented placer and lode claims in a claim block totaling approximately 5,600 acres

(2,266 hectares). Drill pads, access roads and an active drilling permit are in place at Gemini, good until July 2024.

The Lida Valley is a flat, desert basin with a similar geological setting to the Clayton Valley basin which hosts the Silver Peak mine 40 kilometres (26 miles) to the northwest. Previous ground gravity surveys in the Lida Valley area were widely-spaced and limited in scope, however in 2012 and 2013 a geological research team led by Dr. John Oldow of the University of Texas, Dallas collected approximately 500 gravity measurements along 7 transects crossing the Lida Valley. The detailed gravity survey results indicated significant gravity lows within two, faulted sub-basins approximately 7 kilometres (4.5 miles) apart, each interpreted to be hundreds of metres deep. Nevada Sunrise made the decision to acquire claims covering the available land after reviewing the geophysical results in conjunction with favourable local geology, namely late Miocene felsic volcanic tuffs adjacent to Gemini. These rocks could provide the source of lithium for clay deposits and in trapped, lithium-rich carbonate ground-waters (brines) within the sub-basins.

Two separate follow-up TDEM surveys over Gemini carried out in early 2016 by Nevada Sunrise each detected conductive zones within the sub-basins interpreted to represent conductive zones at depth located well below the non-conductive alluvium at and near surface.

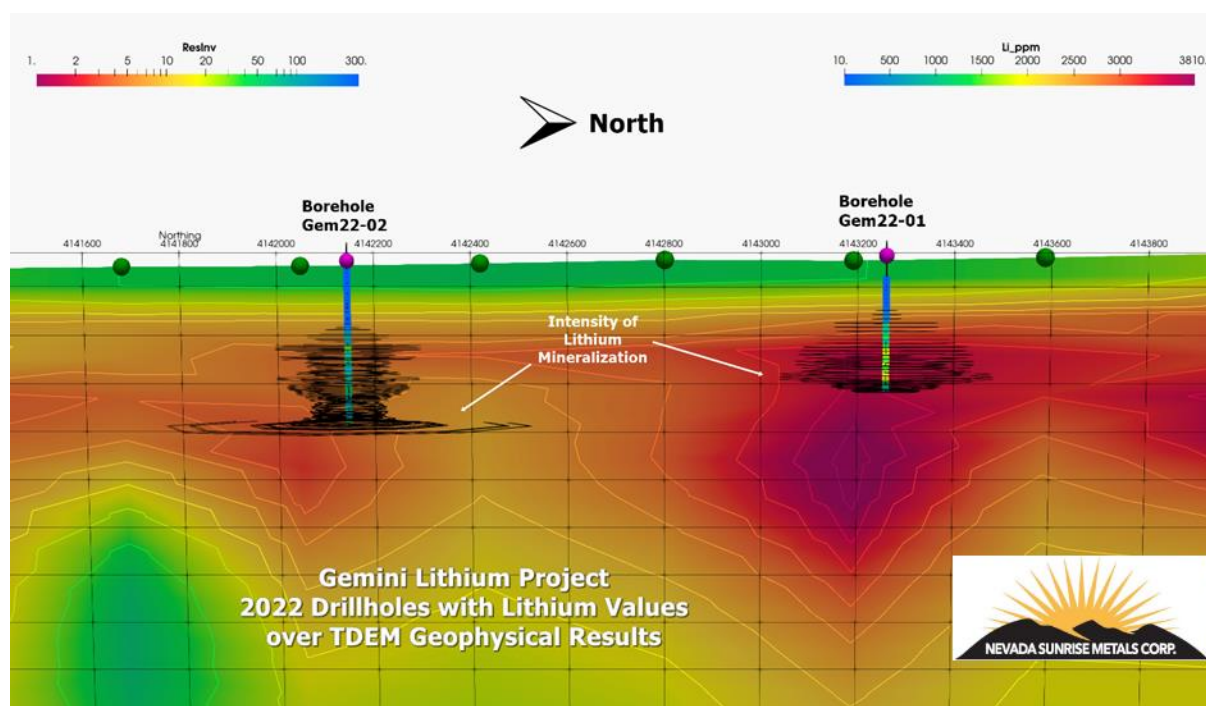
#### 2022 Drilling Program

On March 15, 2022, Nevada Sunrise announced the commencement of the inaugural drilling program at Gemini of up to 3,000 feet (1,607 metres) of RC drilling in up to two holes to test targets for lithium brines and lithium-in-sediments.

On April 21, 2022, the Company announced that lithium mineralization had been intersected over significant widths in the 2022 drilling program. Two boreholes were completed for a total of 2,020 feet (615.85 metres) on drill sites located within a defined gravity low that hosts conductive layers detected by historical ground electromagnetic (“EM”) surveys. Lithium-in-sediment values were significant:

- **GEM22-01** averaged **1,203.41 parts per million (“ppm”) lithium** over 580 feet (176.83 metres), from 320 to 900 feet (97.56 to 274.39 metres) including **1,578.19 ppm lithium** over 300 feet (91.46 metres) from 480 to 780 feet (146 to 237.8 metres).
- **GEM22-02** averaged **1,101.73 ppm lithium** over 730 feet (222.56 metres) from 390 to 1,120 feet (118.90 to 341 metres), including **2,217.69 ppm lithium** over 130 feet (39.63 metres) from 990 to 1,120 feet (301.83 to 341.46 metres) and **3,304 ppm lithium** over 50 feet (15.24 metres) from 1,070 to 1,120 feet (326.22 to 341.46 metres)

These initial results represent a new discovery of lithium-bearing sediments in the western Lida Valley, which has not been historically drill tested for lithium mineralization (see Figure 1 below).



**Fig. 1: Gemini Lithium Project – Conductive Zone with 2022 Boreholes and Lithium Values**

Final geochemical analyses for boreholes GEM22-01 and GEM22-01 are shown in Table 1 below:

**Table 1. Final analytical results from boreholes GEM22-01 and GEM22-02**

<b>GEM22-01 Lithium Mineralization</b>						
<b>Sample Interval</b>				<b>Thickness</b>		<b>Lithium (Weighted average in ppm)</b>
<b>Feet</b>		<b>Metres</b>		<b>Feet</b>	<b>Metres</b>	
<b>From</b>	<b>To</b>	<b>From</b>	<b>To</b>			
<b>320</b>	<b>900</b>	97.56	274.39	<b>580</b>	176.83	<b>1,203.41</b>
<i>including</i>						
<b>480</b>	<b>780</b>	146.34	237.8	<b>300</b>	91.46	<b>1,578.19</b>
<b>GEM22-02 Lithium Mineralization</b>						
<b>390</b>	<b>1120</b>	118.90	341.46	<b>730</b>	222.56	<b>1,101.73</b>
<i>including</i>						
<b>490</b>	<b>560</b>	149.39	170.73	<b>70</b>	21.34	<b>1,227.15</b>
<b>990</b>	<b>1120</b>	301.83	341.46	<b>130</b>	39.63	<b>2,217.69</b>
<i>including</i>						
<b>1070</b>	<b>1120</b>	326.22	341.46	<b>50</b>	15.24	<b>3,304.34</b>

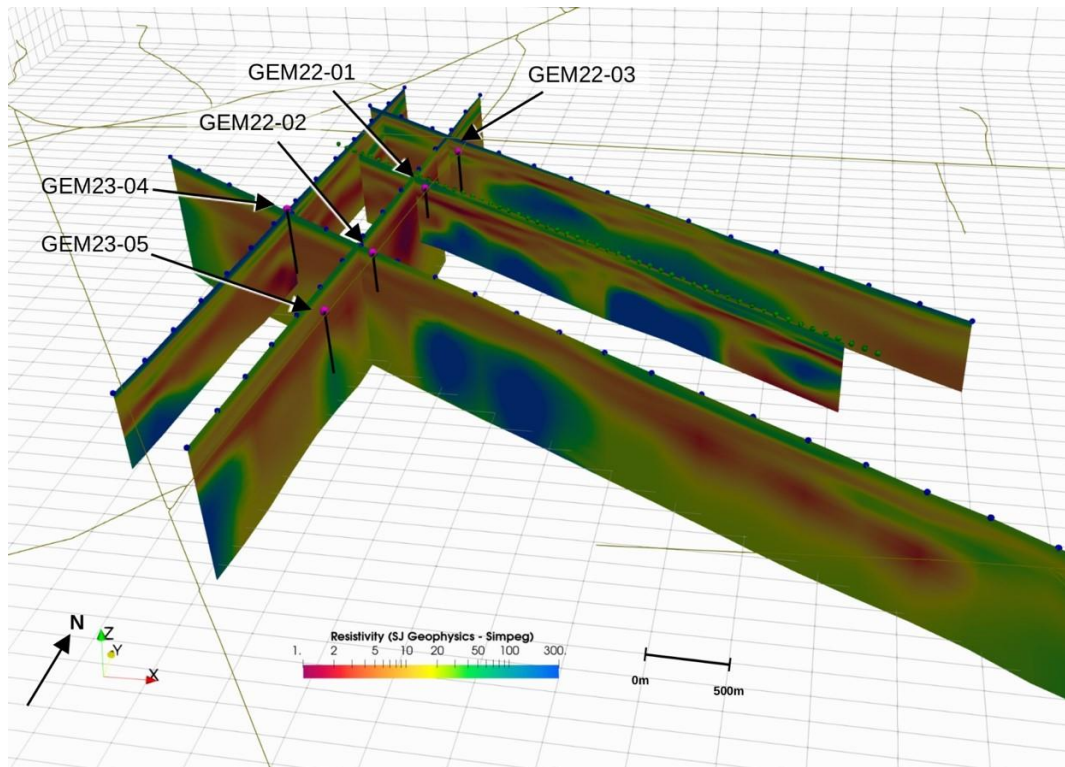
2022 Geophysical Program

On May 12, 2022, Nevada Sunrise announced the commencement of a geophysical survey at Gemini. The time-domain electromagnetic (“TDEM”) survey was planned to expand the scope of geophysical surveys carried out by the Company in 2016.



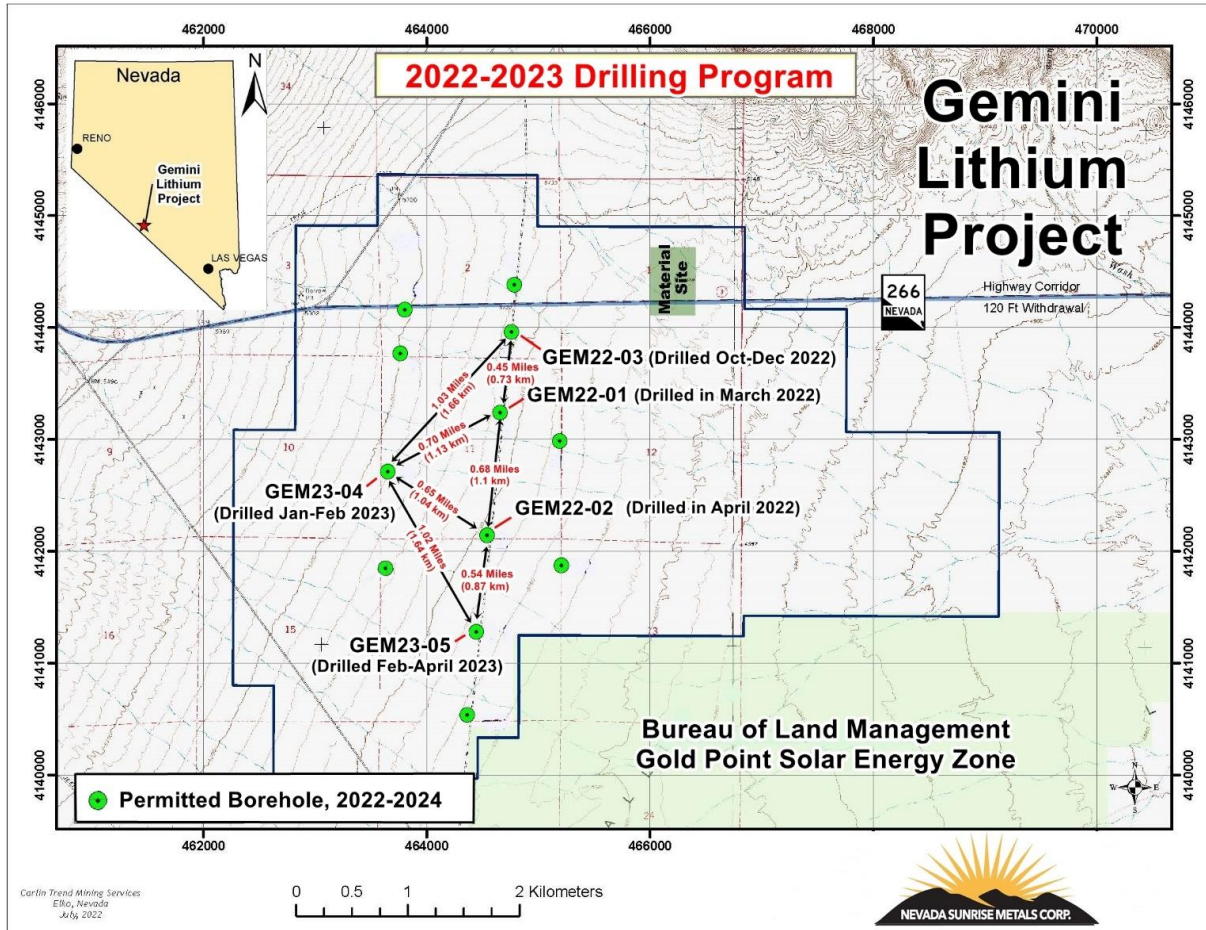
The 2022 survey was designed to outline the possible lateral extent of the conductive, lithium-bearing clay layers demonstrating low resistivity (high conductivity) within a previously-identified gravity low that were intersected in drillholes GEM22-01 and GEM22-02. A total of 13.0 line kilometres were carried out in three new survey lines.

The TDEM moving loop survey employed 400 metre by 400 metre loops to collect data along new survey lines parallel to the 2016 survey lines, which had detected a highly-conductive layer. Interpretation and processing by Nevada Sunrise of the 2022 geophysical results and the 2016 results has yielded an integrated geophysical model that effectively merges the two data presentations, as shown in Figure 2.



**Fig. 2: Gemini Lithium Project: 2016 & 2022 TDEM Survey Results with 2022-2023 Drill Holes**

On August 15, 2022, Nevada Sunrise announced the receipt of an amended exploration permit from the BLM for Gemini. The amended permit increased the number of proposed borehole locations to twelve (12), and is good until July 2024 (Figure 3).



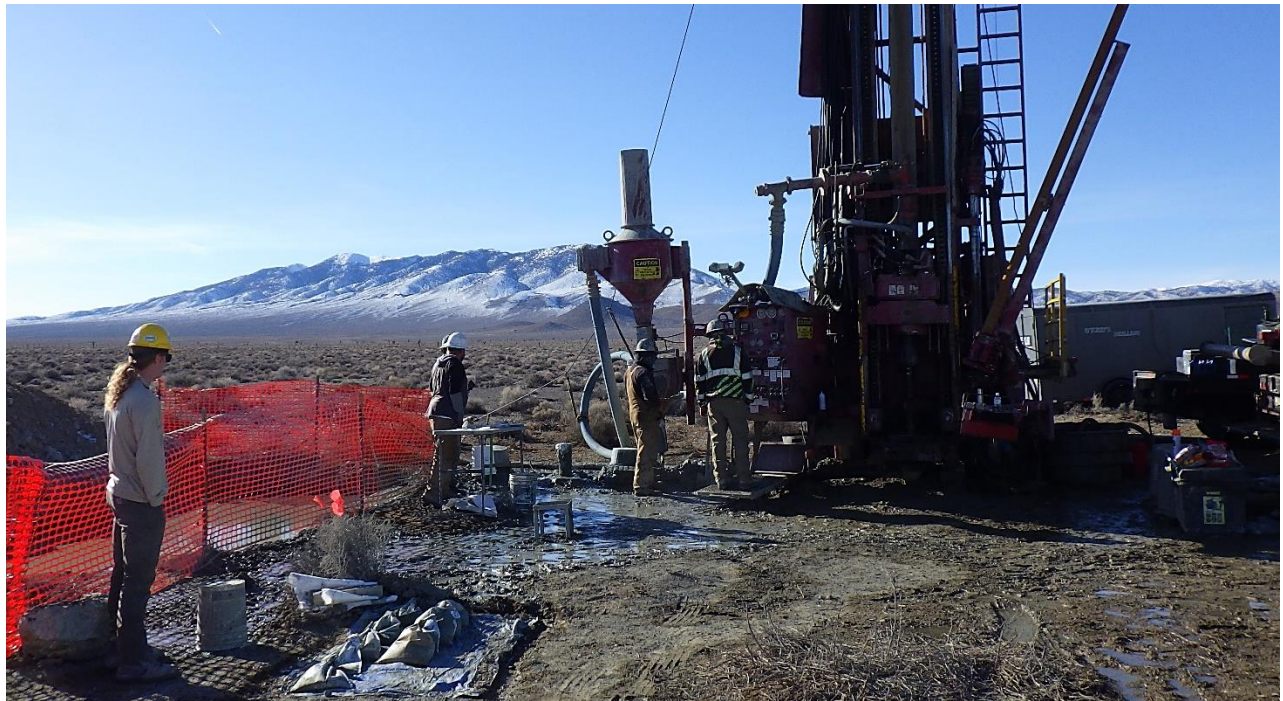
**Fig. 3: Gemini Lithium Project - Phase 1 and Phase 2 Drillhole Locations**

The Phase 2 program began in October 2022. Up to six boreholes were planned for an estimated total of 8,000 feet (2,439 metres) of drilling. The exploration goal for the Phase 2 program was to drill to greater depths in order to fully explore the continuity of wide zones of lithium-bearing clays and water intersected in boreholes GEM22-01 and GEM22-02. The first hole of the Phase 2 program, **GEM22-03**, was completed in December 2022. Basement rock was intersected hole GEM22-03 at 1,565 feet (477.3 metres) in a sedimentary rock unit interpreted as the Emigrant Formation. This is the first known contact to basement in the Gemini sedimentary basin, which greatly assists in the geological understanding of the Project.

2023 Drilling Program

On January 17, 2023, Nevada Sunrise announced the re-commencement of the Phase 2 drilling program at Gemini and drilling of the second hole began in the second week of January 2023. Borehole **GEM23-04** was situated to test a strong conductive anomaly approximately 0.73 miles (1.17 kilometres) northwest of hole GEM22-02 and was planned to test the deepest part of the Gemini basin to an estimated depth of 2,000 feet (609.75 metres) (see Figure 4).





*Drilling operations at the site of borehole GEM23-04, February 2023*

The Phase 2 drilling program at Gemini concluded in April 2023 with borehole **GEM23-05**, collared approximately 1.02 miles (1.64 kilometres) southeast of borehole GEM23-04, and 0.54 miles (0.87 kilometres) south of borehole GEM22-02. Interpreted basement contact was made at 1,575 feet (480.18 metres) in a rhyolite flow sequence, which provides further definition of the depth of the southern edge of the Gemini sedimentary basin (see Figure 4).

Lithium-in-sediment results for the Phase 1 and Phase 2 drilling programs are shown in Table 2 below.

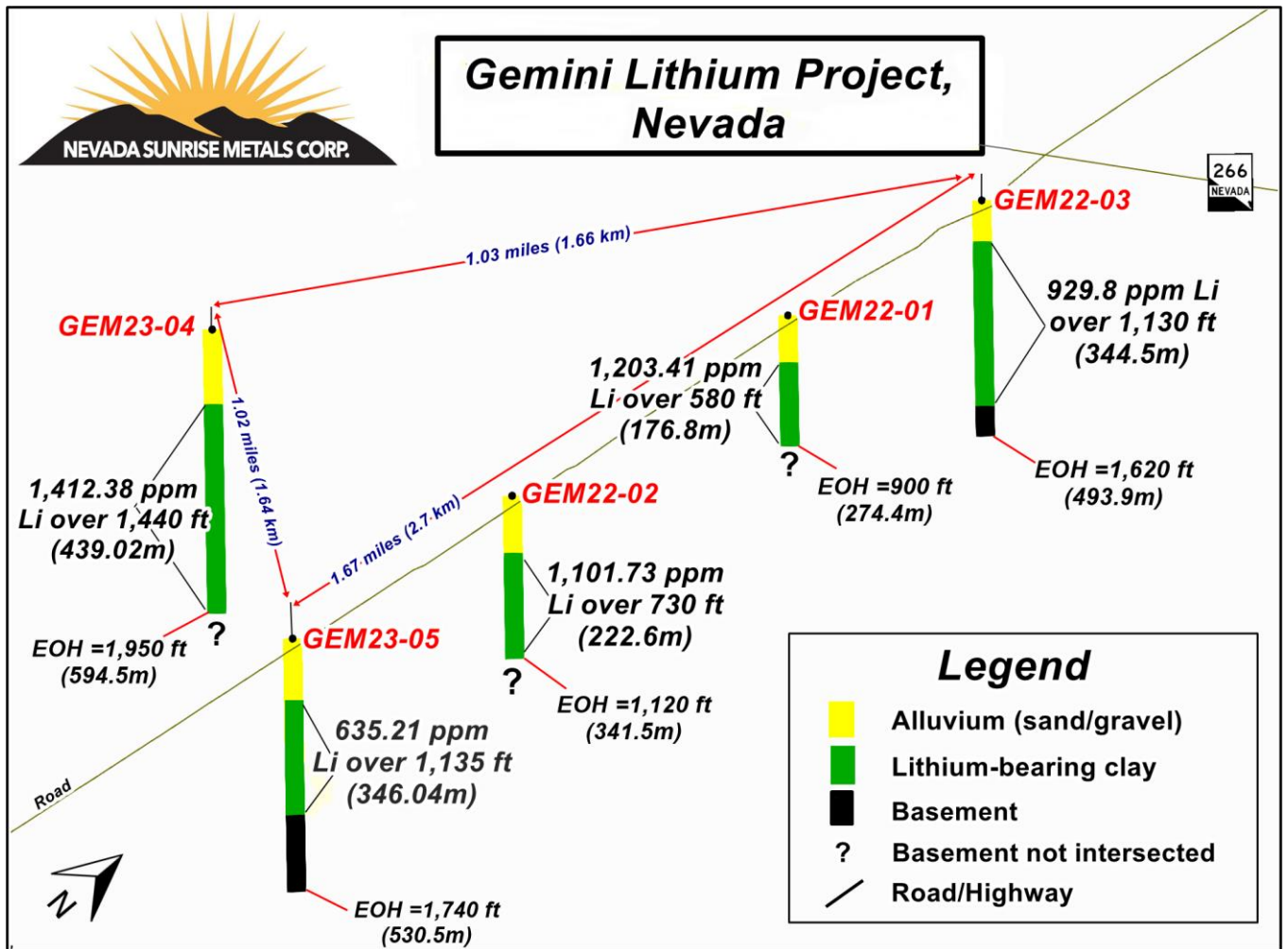


Figure 4. 3-D view of Lithium Mineralization in Phase 1 & Phase 2 boreholes

<b>Table 2. Gemini Lithium Project, Phase 1 &amp; Phase 2 Drilling Results: Lithium-in-Sediments</b>							
<b>Depth Interval</b>					<b>Thickness</b>		<b>Lithium Weighted Average (ppm)</b>
<b>Hole Number</b>	<b>From (feet)</b>	<b>To (feet)</b>	<b>From (metres)</b>	<b>To (metres)</b>	<b>Feet</b>	<b>Metres</b>	
<b>GEM22-01</b>	<b>320</b>	<b>900</b>	97.56	274.39	<b>580</b>	176.83	<b>1,203.41</b>
<i>including</i>	480	780	146.34	237.80	300	91.46	1,578.19
<b>GEM22-02</b>	<b>390</b>	<b>1,120</b>	118.90	341.46	<b>730</b>	222.56	<b>1,101.73</b>
<i>including:</i>	990	1,120	301.83	341.46	130	39.63	2,217.69
<i>and:</i>	1,070	1,120	326.22	341.46	50	15.24	3,304.34
<b>GEM22-03</b>	<b>280</b>	<b>1,410</b>	85.37	429.88	<b>1,130</b>	344.51	<b>929.80</b>
<i>including:</i>	280	630	85.37	192.07	350	106.71	1,342.20
<i>and:</i>	470	500	143.29	152.44	30	9.15	1,955.73
<b>GEM23-04</b>	<b>510</b>	<b>1950</b>	155.49	594.51	<b>1440</b>	439.02	<b>1,412.38</b>
<i>including:</i>	1270	1380	387.20	420.73	110	33.54	3,556.82
<i>and:</i>	1350	1380	411.59	420.73	30	9.15	4,329.60
<b>GEM23-05</b>	<b>440</b>	<b>1,575</b>	134.15	480.18	<b>1,135</b>	346.04	<b>635.21</b>
<i>including:</i>	850	1,210	259.15	368.90	360	109.76	1,096.16
<i>and:</i>	950	1,130	289.63	344.51	180	54.88	1,308.42

*Note: Sediment samples are a composite of material collected from the rotary splitter in the RC drilling rig, which produces a continuous, representative 3 to 5 kilogram sample for each sample interval. All depth measurements reported, including sample and interval widths are down-hole. As holes at Gemini are oriented vertical and geologic stratigraphy is primarily horizontal to sub-horizontal, downhole measurements are assumed to be close to true thickness.*

Nevada Sunrise believes that the southern and western parts of the Gemini basin are highly prospective for additional lithium mineralization and that further drilling could eventually define a large lithium resource.

Engagement of Metallurgical Consultants (2022 – 2023)

On November 15, 2022, Nevada Sunrise announced the engagement of Willem Duyvesteyn, M.Sc., of Reno, Nevada as a metallurgical consultant. Mr. Duyvesteyn is the principal of Extractive Metallurgy Consultancy, LLC and is currently developing new processes for the extraction of lithium from sediments and brines in Nevada.

Mr. Duyvesteyn graduated Suma Cum Laude from the Delft University of Technology in the Netherlands and has been continuously employed in the mining industry since 1968. During his distinguished career, he has worked for Anglo-American Corporation, Amax R&D and Amax Lead and Zinc Ltd., consulted for Marathon Oil Company, and worked at BHP Minerals (“BHP”), for twelve years, where he served as Vice-President and General Manager, Minerals from 1994 to 2001. Prior to joining BHP, he advised the Dutch

Department of Economic Affairs on R&D matters related to international mining and minerals processing and for two years acted as the Dean of the School of Mines at Delft University of Technology. Most recently, he has developed new technologies and processes for Scandium International Mining Corporation and served as its Chief Technology Officer and on its Board of Directors from 2004 to 2022.

Mr. Duyvesteyn is the primary inventor and author of over 100 patents for mineral and hydrocarbon extractive technologies, including numerous applications for the extraction and leaching of metals and minerals from brines and solutions.

On January 30, 2023, Nevada Sunrise announced the engagement of McClelland Laboratories Inc. of Sparks, NV (“McClelland”) to perform metallurgical leach tests on samples of lithium mineralization intersected by the Company at Gemini.

McClelland has offered metallurgical, environmental, analytical testing and consulting services to the mineral exploration industry since 1987 and operates an ISO 17025 accredited facility that provides quality laboratory services during all phases of project development and operation.

On June 5, 2023 the Company announced the results of initial metallurgical testing carried out on lithium mineralization from Gemini. A novel method of small-scale column testing achieved a 90.2% lithium extraction rate under the direction of Willem Duyvesteyn. Mr. Duyvesteyn utilized the facilities of McClelland for the metallurgical tests.

#### Highlights of Gemini Metallurgical Testing

- Preliminary leaching test work was designed to focus on obtaining a lithium leach extraction of more than 80%. Early tests included a standard sulfuric acid leach, the re-leach of residues, a hot acid beaker leach of low and high-grade mineralization, and a gypsum/lime roast water leach;
- Following the use of various extraction methods an “acid-bake” step was implemented using concentrated sulfuric acid on moist lithium-in-sediment mineralization with average lithium values of approximately **1,100 parts per million (“ppm”) lithium**;
- A one-meter-tall column was loaded with Gemini clay mineralization and an open-circuit system employed a two-step leaching system, which achieved a 90.2% lithium extraction over a 25-day period.





***Column testing of Gemini Lithium pellets***

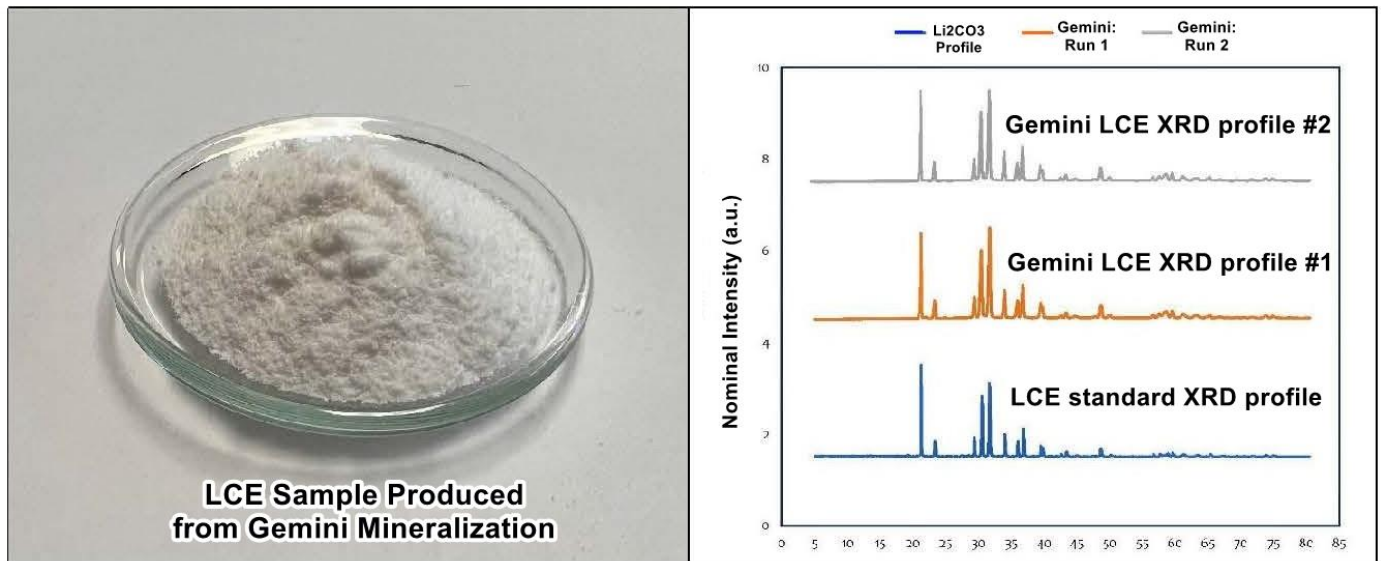
The 90.2% lithium extraction rate achieved from the Gemini mineralization compares favourably with the average lithium extraction of 84% reported by Lithium Americas at its Thacker Pass lithium project (Source: *Feasibility Study, National Instrument 43-101 Technical Report for the Thacker Pass Project, Humboldt County, Nevada, USA, by Roth, D., et al, dated November 2, 2022.*) As follow-up to the successful outcome of this small-scale column testing, Mr. Duyvesteyn has designed a larger-scale test involving 50 kilograms of Gemini clay mineralization. The larger test will employ selected higher-grade mineralization averaging approximately 2,000 ppm lithium.

Mr. Duyvesteyn and McClelland are planning further studies to assess the production of high-purity lithium carbonate from the column leach solutions. Both conventional precipitation methods and a modified direct lithium extraction (“DLE”) technique, utilizing proprietary lithium absorbents are under consideration.

Testing carried out by McClelland on lithium-in-water samples collected from the 2022-2023 drilling at Gemini has revealed that the presence of suspended, sub-micron-sized clay particles carrying lithium are not amenable to a DLE extraction process. Nevada Sunrise will continue to collect and analyze water samples from future drilling programs to evaluate potential for a DLE process on the groundwater encountered at Gemini.

On July 31, 2023, Nevada Sunrise announced further results of metallurgical testing carried out on Gemini lithium mineralization. A substantially pure sample of lithium carbonate equivalent (“LCE”) was produced from the leach solutions that realized a 90.2% lithium recovery rate reported earlier by the Company. From the leach solution provided by the initial extraction, McClelland produced an LCE sample that was near-100% lithium carbonate ( $\text{Li}_2\text{CO}_3$ ). Subsequent X-ray diffraction analysis (“XRD”) matched the standard pattern of lithium carbonate (see Gemini LCE XRD profile comparison to recognized  $\text{Li}_2\text{CO}_3$  XRD profile below<sup>1</sup>).





<sup>1</sup>Lithium carbonate precipitation by homogeneous and heterogeneous reactive crystallization, (Han, Bing; Anwar Ul Haq, Rana; Louhi-Kultanen, Marjatta, 2020)

The scientific and technical information contained regarding the metallurgical testing on Gemini mineralization has been reviewed and approved by Willem Duyvesteyn, M.Sc., who is a Qualified Person for Nevada Sunrise as defined in NI 43-101. XRD analysis was performed by The Mineral Lab, of Golden, CO.

#### Engagement of ABH Engineering Inc. for Gemini Resource Estimate Calculation (2023 - 2024)

On July 10, 2023, Nevada Sunrise announced the engagement of ABH Engineering Inc. (“ABH”) of Surrey, BC, Canada for engineering studies on Gemini. ABH initiated the process of data verification and desktop analysis of the drill data in order to produce a NI 43-101-compliant resource estimate for Gemini, with the further goal of generating a preliminary economic assessment.

On January 23, 2024, Nevada Sunrise announced that ABH has completed a maiden resource estimate on Gemini within the regulations of National Instrument 43-101 (the “Technical Report”). The Technical Report comprises a detailed review of the completed exploration programs, an Inferred resource estimate, interpretations and conclusions and recommendations for the next phase(s) of work.

The Gemini Inferred resource estimate was based on geochemical analyses for lithium from composite samples of material collected from the rotary splitter in the RC drilling rigs contracted by the Company, which produced a continuous, representative 3 to 5 kilogram sample for each sample interval (see Nevada Sunrise news releases dated [April 21, 2022](#), [April 28, 2022](#), [May 18, 2022](#), and [May 24, 2023](#)). Results of the drilling proved the existence of clays mineralized with lithium, exhibiting very good geological continuity; the Inferred resource was calculated for lithium carbonate hosted in the clays.

Highlights of the 2024 Gemini Inferred Resource Estimate

- 2022-2023 drilling at Gemini was based on targets selected from geological mapping and geophysical surveys that included a detailed gravity survey and two time-domain electromagnetic (“TDEM”) surveys.
- Two phases of drilling were completed in five (5) RC holes totaling 7,330 feet (2,234.18 metres):
  - Phase 1 drill holes GEM22-01 and GEM22-02 totaled 2,020 feet (615.85 metres);
  - Phase 2 drill holes GEM22-03, GEM23-04 and GEM23-05 totaled 5,310 ft (1,618.49 metres)
- Drilling to date has tested only a small portion of the Gemini area within 844 acres, (342 hectares), which represents approximately 15%, of the area covered by the 5,600 acres (2,266 hectares) of Bureau of Land Management unpatented lode claims.

The Gemini deposit remains open in all directions and at depth. The Inferred resource estimate comprises, in an open pit-constrained resource:

- Approximately 1.3 million tonnes Lithium, or **7.1 million tonnes lithium carbonate equivalent (“LCE”)** contained within 1,200 million tonnes of lithium-mineralized clay at an average grade of approximately 1,130 parts per million (“ppm”) Lithium;
- Lithium cut-off values of 400 ppm Lithium and density of 1.7 grams per cubic centimetre (“gm/cm<sup>3</sup>”) were used.
- Model constraints: Faults 3 and 4; a conceptualized 24 degree pit-slope, modelled from property boundaries, using a benchmark 24 degree pit-slope from several other Nevada lithium clay deposits (Figure 5).

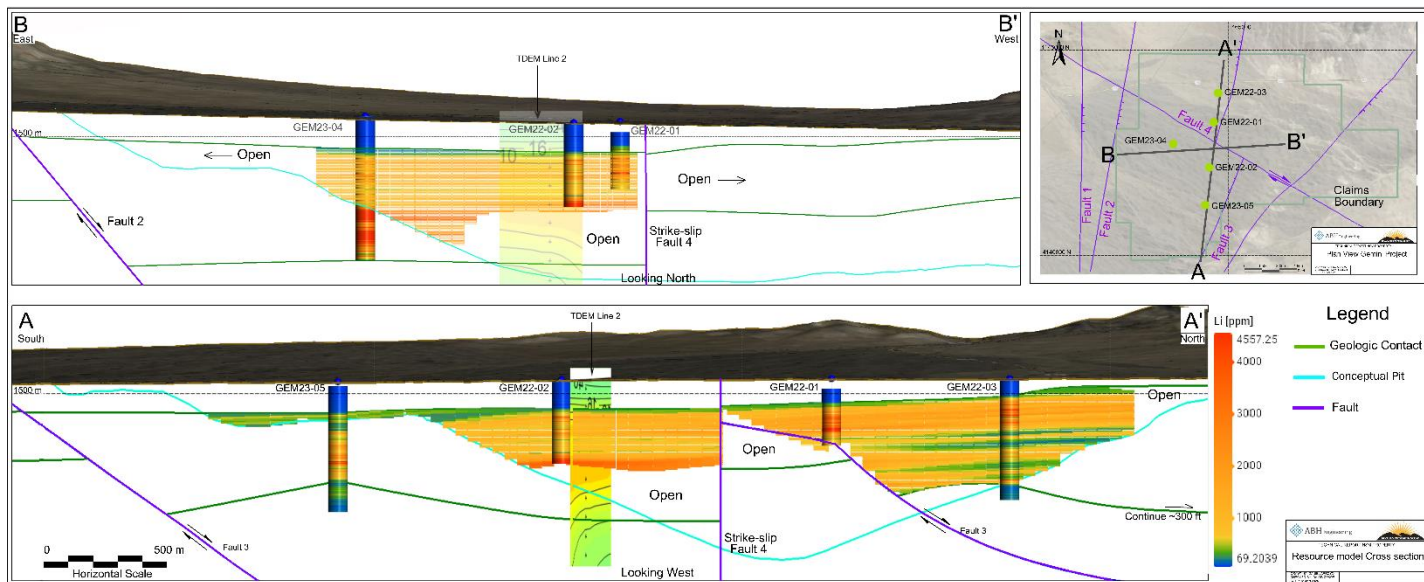


Figure 5. Gemini Lithium Project – Block Model Cross Sections with Conceptualized Open Pit (Source: ABH Engineering Inc.)

*The technical information in this document regarding the Gemini Inferred resource estimate has been reviewed and approved by Damir Cukor, P. Geo., who is a Qualified Person with respect to Nevada Sunrise's Gemini Lithium Project, as defined under National Instrument 43-101.*

### **Jackson Wash**

Nevada Sunrise owns a 100% interest in Jackson Wash, subject to a 3.0% gross overriding royalty. Jackson Wash currently consists of 49 unpatented claims totaling 980 acres (396.6 hectares).

Jackson Wash is situated on a flat, desert basin having the potential to host lithium brine deposits in aquifers beneath the valley floor on the east side of the Montezuma Range 20 miles (30 kilometres) southeast of the Silver Peak lithium brine mine. Potential also exists to host a lithium-in-sediments deposit that has yet to be explored for by the Company.

The Jackson Wash basin is believed to be related to north-south basin and range fault systems. The results of a detailed gravity survey and two controlled source audio-frequency magnetotelluric ("CSAMT") lines surveyed in 2011 by a previous operator were interpreted as a layered sequence of unconsolidated, saturated alluvial sediments filling a deep basin beneath the valley floor. Drilling and sampling of the sediments and groundwater in the interpreted basin are the next steps in the exploration process for Jackson Wash.

In September 2016, Nevada Sunrise completed a ground TDEM survey at Jackson Wash to better define conductive zones outlined by the historical CSAMT surveys. The TDEM survey confirmed the CSAMT results and provided valuable information for drill targeting.

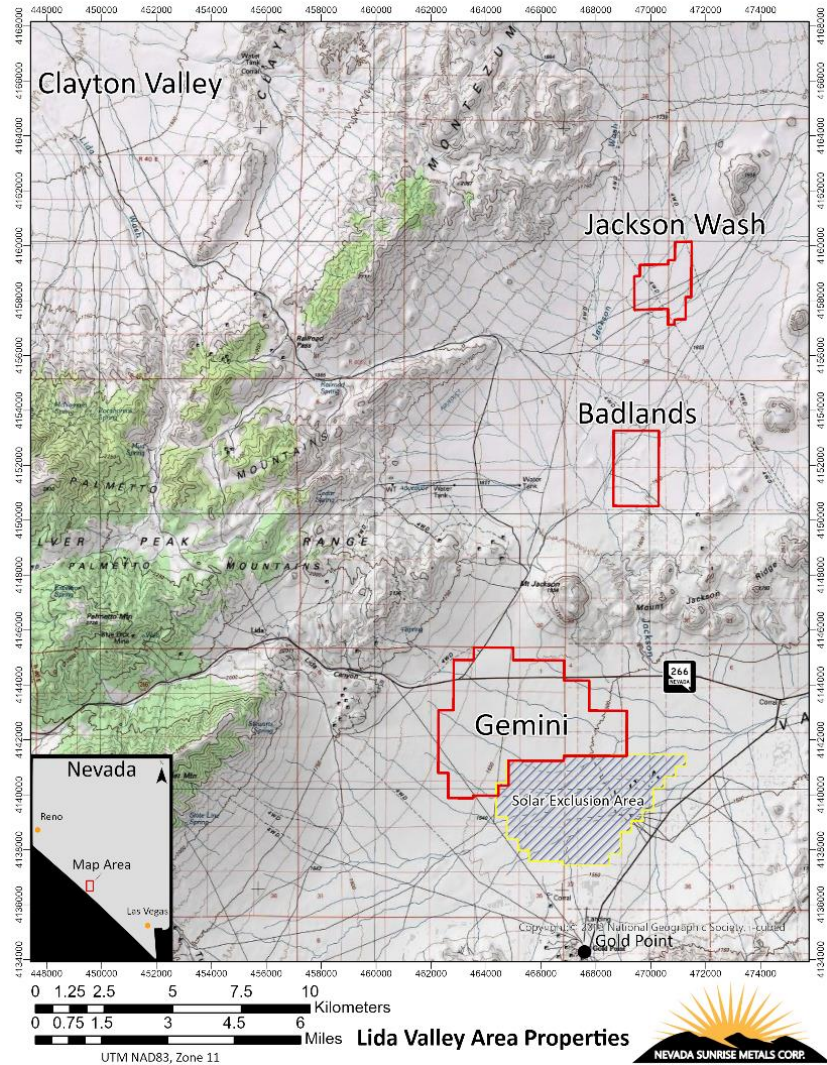
The Company subsequently developed an exploration plan to test the Jackson Wash basin with a three-to-four-hole drill program to a depth of least 400 metres to test specific structural and stratigraphic targets believed prospective for lithium brine deposits. In June 2017, the first borehole was drilled at Jackson Wash to a depth of 826 metres (2,710 feet) through interbedded sequences of sand, gravel, and clay. Hot fresh water was encountered in the borehole reaching a temperature of approximately 41 degrees C. (106 degrees F.) but no brines were detected.

In 2021, Nevada Sunrise commissioned a geophysical compilation of the gravity and electromagnetic surveying to better define targets for future drill testing at Jackson Wash.

The Jackson Wash claims remain in good standing until September 1, 2024.

### **Badlands**

On February 14, 2023, Nevada Sunrise announced the acquisition by staking of the Badlands Lithium Project ("Badlands") located in the Lida Valley, Esmeralda County, Nevada. Badlands consists of 54 unpatented claims on BLM land totaling approximately 1,080 acres (437 hectares) and lies roughly halfway between the Company's Gemini and Jackson Wash Lithium projects.



Badlands was staked by Nevada Sunrise in 2022 following the new lithium discovery made by the Company at Gemini and was not announced at the time of its acquisition due to the onset of competitive staking in the Lida Valley. The general topography of Badlands is reminiscent of the TLC lithium property in Nye County, which led to a surface investigation by Nevada Sunrise in March 2022. Samples were collected in a reconnaissance prospecting program, from which six outcrop samples were randomly selected for analysis and subsequently returned anomalous values of lithium ranging from 70.0 ppm to 165.8 ppm lithium.

The Badlands property is underlain by flat-lying tan-colored beds of weakly lithified bedded clay, silt and gravel. The sediments are primarily composed of air-fall tuffs interbedded with thin-bedded clastic alluvial deposits. Weathering and erosion have sculpted the area into a “badlands”-style topography, featuring eroded ravines, gullies and hoodoos. The maximum exposed thickness of the volcanic ash beds and alluvium is approximately 20 feet (6.1 metres). Drilling will be required to determine the total thickness of the deposits. Judging by the flat dips and weak induration it has been inferred by previous investigations that these deposits of volcanic ash beds and alluvium are Pleistocene-aged or younger. They appear to be



dissected playa deposits like those found in the Clayton Valley and other playas in Esmeralda County and Nye County.



**Badlands Lithium Project, looking northwest to the Montezuma Range**

#### Exploration Plans for 2024

Nevada Sunrise intends to carry out a more comprehensive sampling program at Badlands, which may include the use of a “backpack” prospecting drill to collect small-core samples to a depth of several metres from surface. The goal of further work at the Project is to determine if lithium values increase with depth and if so, positive results from the proposed prospecting program could provide the foundation for a systematic conventional drilling program.

#### **Sampling and Analytical QA/QC**

##### Sediment Sample Collection and Analysis

*Sediment samples described in this document are a composite of material collected from the rotary splitter in the RC drilling rig, which produces a continuous, representative 3 to 5 kilogram sample for each sample interval. Samples were submitted to American Assay and ALS in Reno, NV and were analyzed utilizing a multi-element ICP-AES method. Specifically, the analytical method involves aqua regia digestion of the sample followed by the inductively coupled plasma (ICP) technique to ionize the sample, and atomic emission spectrometry (AES) to determine elemental concentrations. Duplicates, field blanks, and certified reference standards were inserted at regular intervals in the sample stream to ensure accuracy of the analytical method.*



### Water Sample Collection and Analysis

*Water parameters including TDS, conductivity, temperature, and pH values were obtained in the field by direct measurement with a handheld YSI 556 Multiparameter Meter, which meets Good Laboratory Practice (as proscribed by the Organization for Economic Cooperation and Development) for calibration and measurement. All depth measurements reported, including sample and interval widths are down-hole. As holes are oriented vertical and geologic stratigraphy is primarily horizontal to sub-horizontal, downhole measurements are assumed to be close to true thickness.*

*Groundwater samples were collected at 20-foot (6.1-metre) intervals and sent to Western Environmental Testing Laboratory in Reno, Nevada under project chain-of-custody protocols for analysis. Industry standard methods for examination of water were employed by the laboratory. General chemistry testing included analysis for specific gravity, total hardness, total alkalinity, bicarbonate, carbonate, hydroxide, total dissolved solids (TDS) and electrical conductivity. Anions (chloride, sulfate) were analyzed by ion chromatography. Trace metals (lithium, magnesium, boron, calcium, potassium, strontium, and sodium) were analyzed by inductively coupled plasma-optical emission spectroscopy (ICP-OES) methods.*

*Robert M. Allender, Jr., CPG, RG, SME, a Qualified Person within the meaning of NI 43-101, has reviewed and approved the technical information contained in the MD&A on behalf of the Company for its Gemini, Jackson Wash and Badlands lithium properties.*

## **GOLD PROPERTY**

### ***Kinsley Mountain***

Kinsley Mountain is located in Elko County between the towns of Ely and Wendover, Nevada, approximately 75 kilometres (45 miles) southeast of the Long Canyon gold property owned by Newmont Corporation. The Company's Nevada subsidiary had the rights to a mining lease covering 141 unpatented lode mining claims on U.S. Bureau of Land Management ("BLM") land covering an area of approximately 1,136 hectares (2,807 acres). The mining lease agreement has a 3% net smelter returns royalty on production. Additional staking has increased the size of the project to 513 unpatented lode claims on BLM land plus 6 leased patents totaling 4,213 hectares (10,410 acres), and hosts a past-producing mine with an extensive exploration database and numerous, untested gold targets.

On October 28, 2013, Nevada Sunrise announced the signing of the Kinsley Mountain joint venture agreement between the Company and Liberty Gold Corp. ("Liberty Gold" formerly Pilot Gold Corp.). A Delaware limited liability company, Kinsley Gold LLC, was formed to manage the joint venture with Liberty Gold as the operator.

In June 2020, Liberty Gold entered into an option agreement with New Placer Dome whereby New Placer Dome acquired Liberty's 79.99% interest in Kinsley Gold LLC. On December 3, 2021, New Placer Dome and CopAur announced a binding letter agreement dated Nov. 30, 2021, pursuant to which CopAur would acquire all of the issued and outstanding common shares of New Placer Dome in an arm's-length transaction, which completed in May 2022.

The Company elected to participate in the 2021 and 2022 exploration programs. During the year ended September 30, 2022, the Company paid a total of US\$88,264 (CAD\$112,716) as part of the Company's proportionate share of the 2021 cash calls. During the six months ended March 31, 2023, the Company

paid its proportionate share of the 2022 cash calls of US\$112,194 (CAD \$151,792) to maintain its 20.01% interest in Kinsley Gold LLC, and as part of the Company's proportionate share of the 2022 cash calls, US\$44,022 (CAD\$59,761) was paid for the Company's proportionate share of the 2022 advance royalty payments due to the underlying leaseholder.

The Company elected not to participate in the 2023 exploration program and the Company's interest in Kinsley Gold LLC was reduced from 20.01% to 18.74%.

### History of Exploration

Gold mineralization was discovered on Kinsley Mountain in 1984. Subsequent exploration defined sediment-hosted gold mineralization concentrated in the Kinsley Mountain trend, and includes at least five distinct deposits hosted in strata ranging from middle-to-late Cambrian in age. Gold mineralization occurs within a stratigraphic section of Middle to Upper Cambrian-age sedimentary rock units including limestone, dolomite and shale. This mineralization exhibits characteristics similar to other sedimentary rock-hosted "Carlin-type" gold deposits in Nevada. Gold enrichments occur in both preferred bedding strata and structurally-controlled zones as disseminated mineralization within altered sedimentary rocks.

Between 1994 and 1999, Alta Gold Co. ("Alta Gold") produced approximately 138,000 ounces of gold at .042 opt gold (1.4 grams/tonne gold) from oxide ore in a heap leach operation at Kinsley Mountain. Mining by Alta Gold was restricted to a cluster of deposits aligned along a northwest-oriented fault zone. Exploration drilling has identified several other mineralized centres which are yet to be developed. Mining by Alta Gold ceased during a period of low gold prices.

Gold mineralization at Kinsley Mountain consists both of shallow low-grade oxide ore, which was mined and produced by Alta Gold, and deep higher-grade sulphide mineralization. This deeper mineralization was tested by a limited number of drill holes. Prior to the establishment of the joint venture, Nevada Sunrise assembled a substantial historical archive for the Kinsley Mountain property, including records for 1,156 drill holes drilled prior to 2011 (prior to Liberty Gold's exploration programs) with a total length of 244,900 feet (74,700 metres) or an average depth of only 212 feet (64.7 metres).

Liberty Gold began exploration at Kinsley Mountain in 2011 and drilled 27,761.9 metres (91,082 feet) in 91 reverse circulation ("RC") holes and 36 core holes to the end of 2013. Exploration at Kinsley Mountain accelerated in 2014 following Liberty Gold's gold intercept in drill hole PK091CA in late 2013, which returned 8.53 grams/tonne ("g/t") gold over 36.6 metres, including 29.43 g/t gold over 7.6 metres. This high-grade gold discovery area is known as the Western Flank Zone ("WFZ"). From 2014 to 2019, Liberty Gold drilled an additional 79 RC holes and 35 core holes totaling 39,433.5 metres (129,375 feet), and carried out ground and airborne geophysical surveys.

### Mineral Resources Estimate Technical Report

On November 4, 2015, in conjunction with Liberty Gold, Nevada Sunrise announced a technical report for Kinsley Mountain dated December 16, 2015 compliant with National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101") entitled "Updated Technical Report and Estimated Minerals Resources for the Kinsley Project", effective October 15, 2015. The 2015 technical report was subsequently filed on SEDAR and can be accessed on Nevada Sunrise's SEDAR profile at [www.sedarplus.ca](http://www.sedarplus.ca).

Barrian Mining Corp. (which became New Placer Dome) filed an updated technical report (the “Report”) for Kinsley Mountain on February 21, 2020, entitled “Technical Report and Updated Estimate of Mineral Resources on the Kinsley Project, Elko County, Nevada, U.S.A.”, effective January 15, 2020 with an effective date of January 15, 2020. The Report was updated again in 2021 and was filed under New Placer Dome’s Issuer Profile on SEDAR ([www.sedarplus.ca](http://www.sedarplus.ca)) entitled: “Technical Report on the Kinsley Project, Elko County, Nevada, U.S.A.”, dated June 21, 2021 with an effective date of May 5, 2021 and was prepared by Michael M. Gustin, Ph.D., and Gary L. Simmons, MMSA (the “Updated Technical Report”). The Report can be accessed on New Placer Dome’s SEDAR profile at [www.sedarplus.ca](http://www.sedarplus.ca).

The Report states that gold resources at Kinsley Mountain were modelled and estimated by: evaluating the drill data statistically; utilizing the geologic interpretations and drill data provided by Liberty Gold to interpret mineral domains on east-west cross sections spaced at 25-metre intervals; rectifying the mineral-domain interpretations on north-south long sections spaced at five-metre intervals; analyzing the modelled mineralization spatially and geostatistically to aid in the establishment of estimation parameters; and interpolating grades into a three-dimensional block model, using the rectified mineral domains as primary constraints.

The Kinsley Mountain gold resources are presented in the table below:

#### Kinsley Mountain Gold Resources

<i>Indicated</i>			<i>Inferred</i>		
Tonnes	g Au/t	oz Au	Tonnes	g/t Au	oz Au
4,948,000	2.63	<b>418,000</b>	2,438,000	1.51	<b>117,000</b>

1. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.
2. Mineral Resources are reported at a 0.2 g Au/t cutoff for oxidized mineralization potentially available to open-pit mining and heap-leach processing; a 1.0 g Au/t cutoff is applied to Secret Canyon Shale and all other transitional (mixed) and unoxidized mineralization potentially available to open-pit mining, milling, flotation, and shipping to a third-party roaster or autoclave; and a 2.0 g Au/t cutoff is applied to all other mineralization that could potentially be mined by underground methods.
3. Rounding may result in apparent discrepancies between tonnes, grade, and contained metal content.

In order to determine the limits of modelled mineralization potentially available to open-pit extraction, a pit optimization was run using a \$1,600/oz gold price and \$2.00/t mining cost. Oxidized, potentially heap-leachable mineralization used costs of \$2.75/t for processing and \$1.55/t for General and Administrative (“G&A”) and a gold recovery of 75%. Mixed and unoxidized mineralization that could potentially be processed by flotation, leaching of the flotation tails, and custom oxidation of the flotation concentrates by roaster or autoclave used costs of \$35.00/t for processing and \$7.75/t for G&A, and 85% recovery. Mineralization hosted within the Secret Canyon Shale, which potentially could also be processed by flotation, leaching of the flotation tails, and custom oxidation by roaster or autoclave, used costs of \$31.00/t for processing and \$7.75/t for G&A cost, with 95% recovery.

Resources potentially available to underground extraction are limited to groups of blocks that lie proximal to the optimized pits that constrain the potential open-pit resources.

### Metallurgical Test Results

In early 2015, the Company reported results from an initial metallurgical program designed to address the recovery of gold from the Secret Canyon host rock to produce a high-grade concentrate. The metallurgical test results demonstrated that high-grade sulphide mineralization from the Western Flank zone can produce a concentrate with excellent gold recoveries, at potentially low capital and operating costs.

The test work, initiated in March 2015, used the same flowsheet developed for mineralization hosted in the Secret Canyon Shale. Summary highlights include:

Composite	Overall Au Recovery (%)	Concentrate Grade (g/t)	Calculated Feed Grade (g/t)
WF-CC#1	83.0	52.3	4.82
WF-CC#2	82.6	42.0	2.81

Concentrates were assayed for deleterious elements and were found to contain arsenic and antimony. Arsenic in the concentrate tested ranged from 1.55% to 3.14% and averaged 2.35% while antimony in the concentrate tested ranged from 0.048% to 0.067% and averaged 0.058%. While arsenic and antimony are elevated, it is believed the levels would not preclude direct sale to a typical Nevada refractory ore processing facility.

*Gary Simmons, of GL Simmons Consulting, LLC (B.S. Extractive Metallurgy), a Qualified Professional with the Mining and Metallurgical Society of America is the Qualified Person, within the meaning of NI 43-101, has overseen the collection and verification of the metallurgical data and reviewed and approved this technical disclosure. Mr. Simmons is independent of Liberty Gold and Nevada Sunrise. Metallurgical testing was conducted at Hazen Research, Inc. in Denver, Colorado.*

### 2020 Exploration Program and Results

Following the closing of the transaction between Liberty Gold and New Placer Dome in June 2020, New Placer Dome assumed operatorship of the joint venture and was vested with a 79.99% interest. A program and budget for 2020 exploration totaling US\$3.28 million was presented and approved by the joint venture and Nevada Sunrise subsequently elected to pay its proportionate 20.01% share. In November 2020, the Company paid its proportionate share of the 2020 cash call of US\$313,131 to maintain its 20.01% interest in the joint venture. On February 10, 2021, the Company paid the next 2020 cash call of US\$423,210 to maintain its 20.01% interest.

On July 29, 2020, the Company was informed by New Placer Dome that a drilling program of up to 20,000 metres had commenced at Kinsley Mountain.

The 2020 Kinsley Mountain RC and diamond drill campaign was completed in November 2020 and comprised 49 drill holes totaling 17,970 metres (58,957 feet) testing five target areas within the greater resource area, which consisted of 39 RC holes for 13,610 metres (44,652 feet) and 10 diamond drill holes for 4,360 metres (14,305 feet), with 3 holes abandoned and re-drilled from the same locations. New Placer Dome reported that results of the 2020 drilling warranted further drilling in 2021 to build on multiple new discoveries and potentially increase the current indicated and inferred resources at the WFZ, Main Pit North Oxide and Secret Spot targets (see Figure 1).

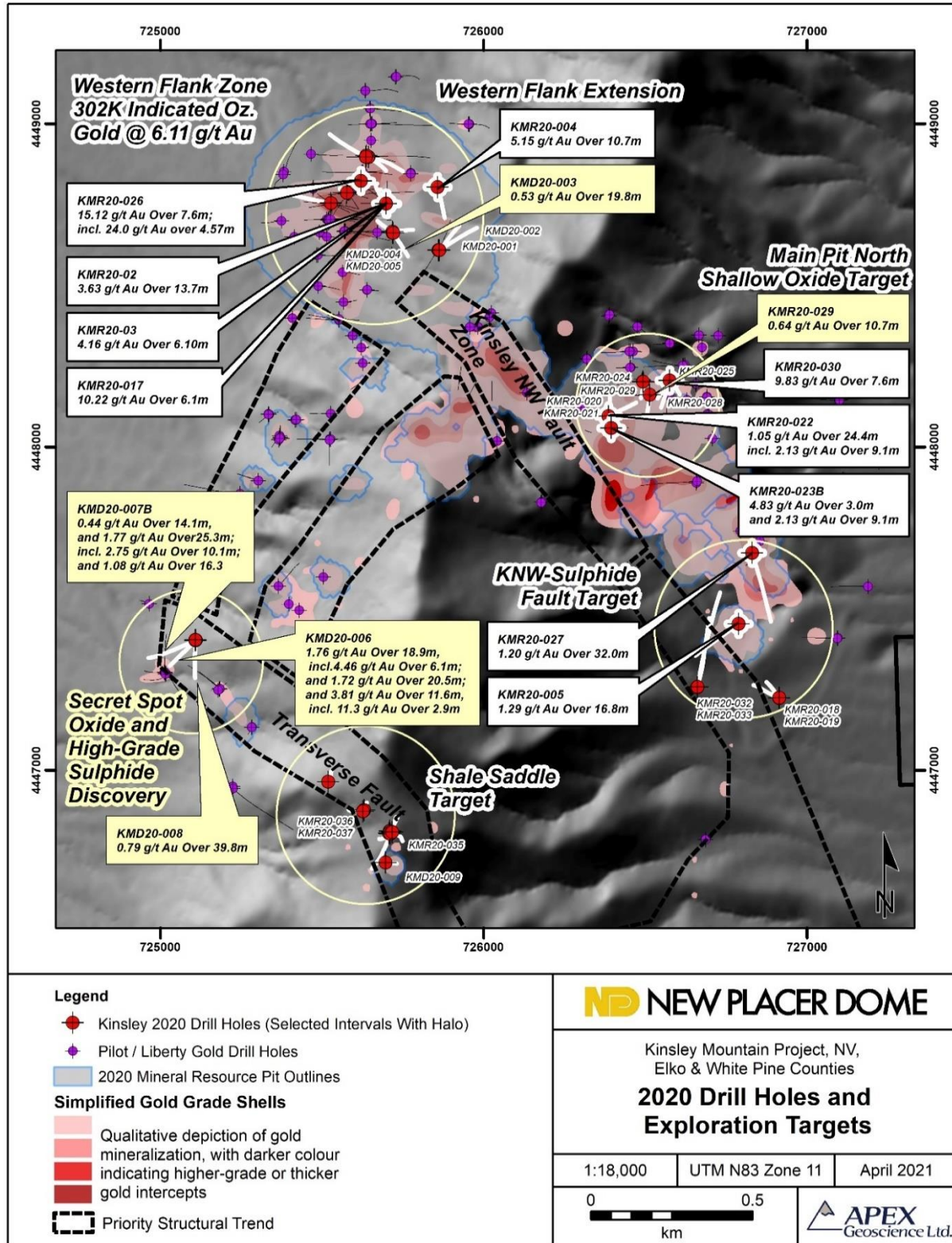
On April 28, 2021, Nevada Sunrise reported assay results for the final thirteen drill holes completed during 2020 at Kinsley Mountain. See Table 1 and Figure 2 below for all 2020 drill holes exhibiting significant gold mineralization.

Drilling at the Secret Spot target has yielded a new discovery of near-surface oxide gold mineralization, in addition to new, deeper high-grade sulphide gold intercepts. Diamond drill hole KMD20-006 testing across the Transverse fault intersected a total of four separate mineralized intervals, including multiple oxide gold zones from surface within Dunderberg shale and the highest-grade interval to date within the Secret Canyon shale at the Secret Spot.

Highlights of the April 28, 2021 results include:

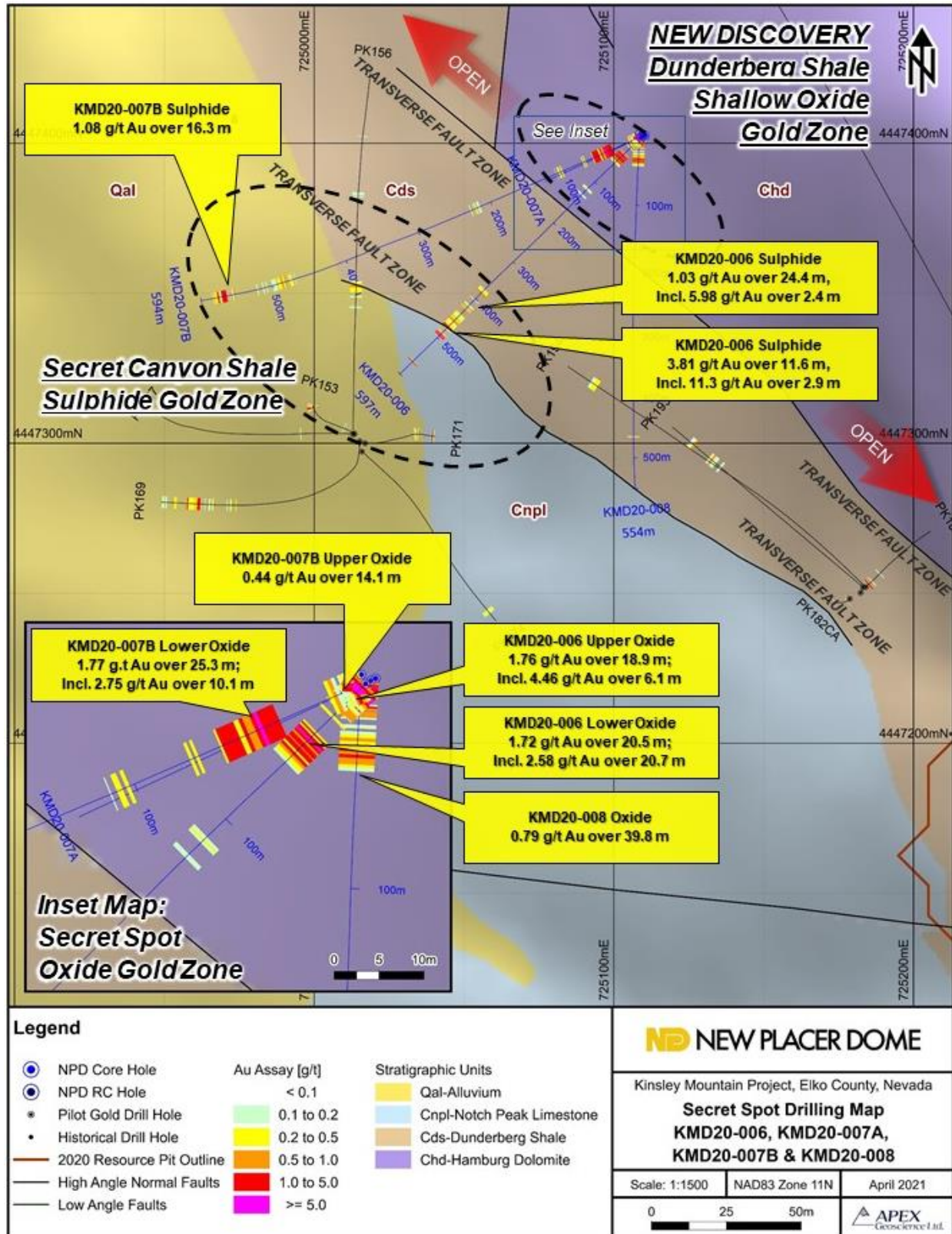
- 1.76 grams/tonne gold (“g/t Au”) (oxide) over 18.9 metres from surface, including 4.46 g/t Au (oxide) over 6.1 metres in KMD20-006 at Secret Spot (Figure 1, and Table 1);
- 3.81 g/t Au (sulphide) over 11.6 metres from 486.2 m to 497.7 metres, including 11.3 g/t Au (sulphide) over 2.9 metres in KMD20-006 at Secret Spot (Figure 1, 2 and 3);
- 1.77 g/t Au gold (oxide) over 25.3 metres, including 2.75 g/t Au over 10.1 metres in KMD20-07B at Secret Spot (Figure 1 and 2);
- 0.79 g/t Au (oxide) over 39.8 metres in KMD20-008 at Secret Spot (Figure 1 and 2);
- 0.53 g/t Au (sulphide) over 19.8 metres in KMD20-003 at the WFZ (Figure 4);
- 0.64 g/t Au (oxide) over 10.7 metres in KMR20-029 at the Main Pit North shallow oxide target (Figure 5).





(New Placer Dome was acquired by CopAur Minerals in May 2022)

**Figure 1. Kinsley Mountain Gold Project 2020 Drill Hole Results Overview**

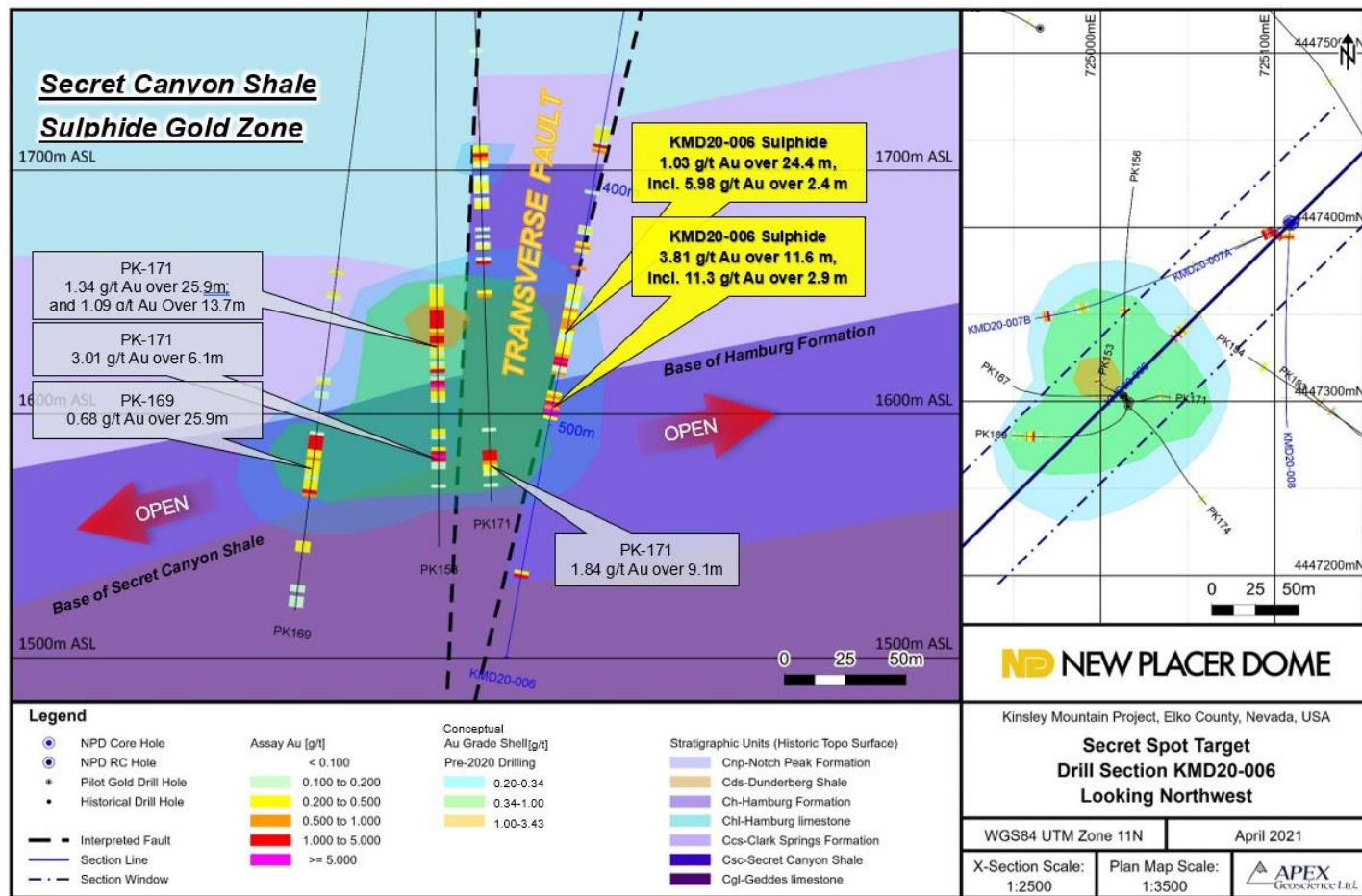


**Figure 2. Secret Spot Target Drill Plan KMD20-006 / KMD20-007B / KMD20-008**  
 (New Placer Dome was acquired by CopAur Minerals in May 2022)

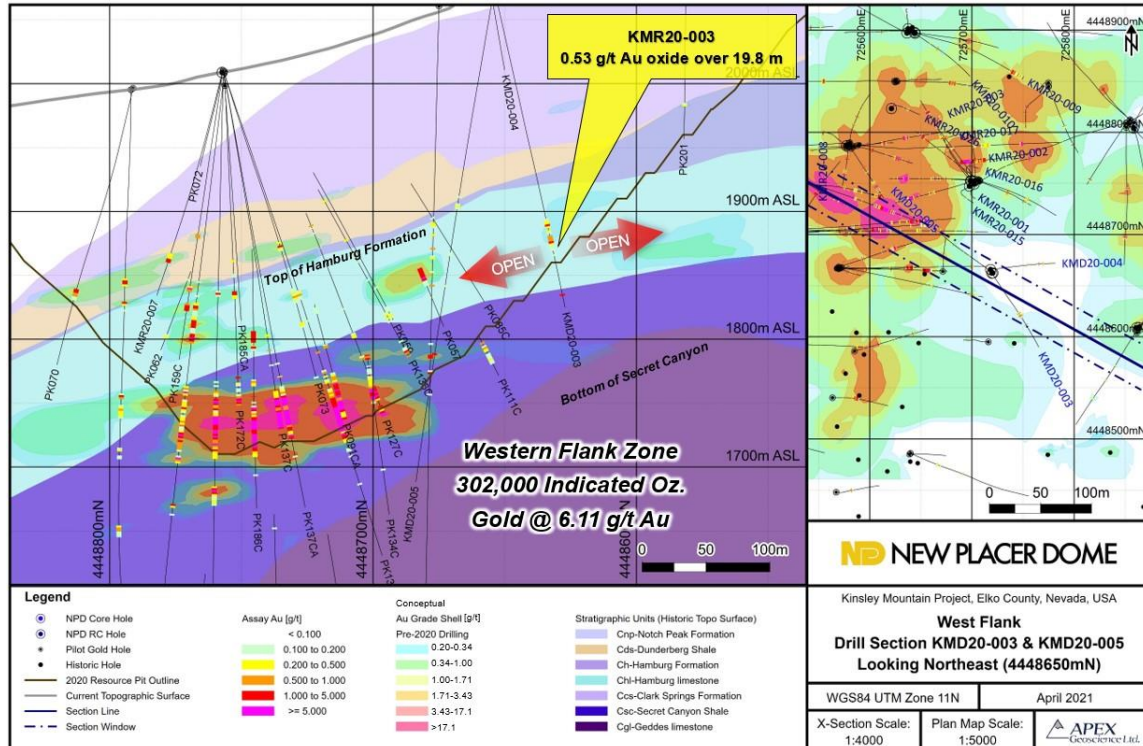


Key Points

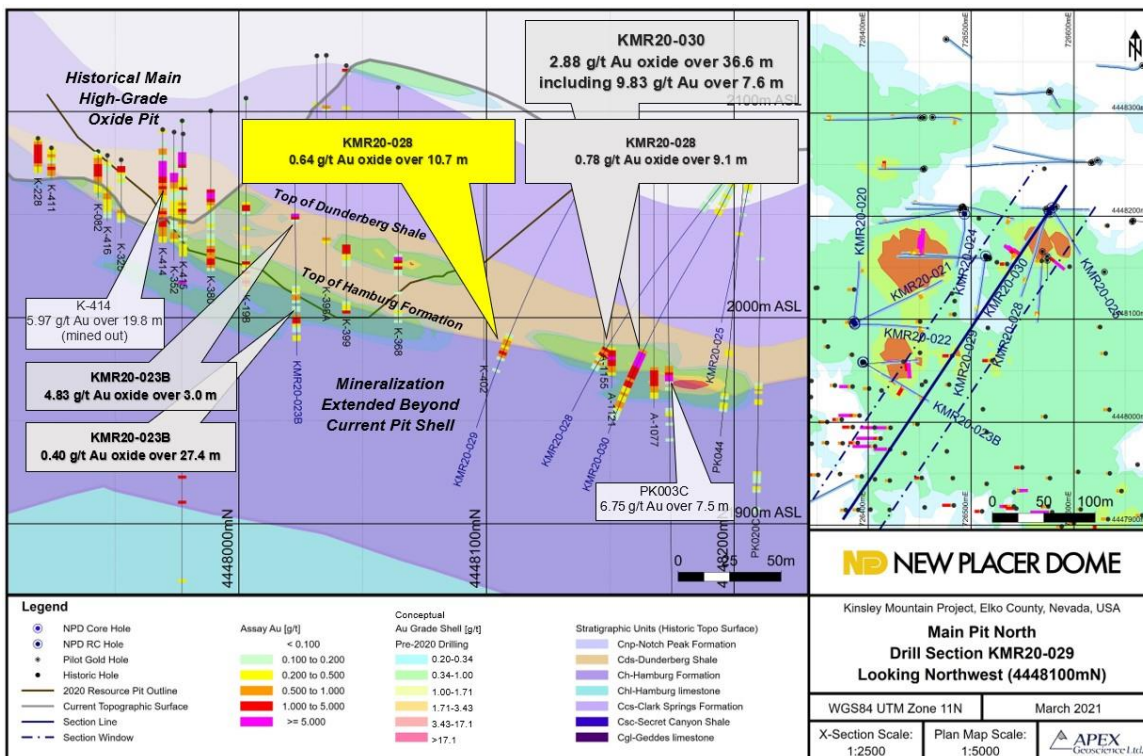
- New discovery at Secret Spot includes multiple at or near surface Dunderberg shale-hosted oxide gold drill intercepts that warrant follow-up drilling;
- Secret Canyon shale gold (sulphide) intercepts within KMD20-006 represent the highest-grade interval to date at Secret Spot; illustrating the potential of the Secret Spot target to yield high grade gold mineralization similar in tenor to the WFZ resource located 1.5 kilometres to the north;
- At the WFZ, discovery of a broad zone of within-pit Hamburg limestone-hosted gold (sulphide) mineralization within drill hole KMD20-003 on the southeast margin of the resource is open to expansion in all directions.



**Figure 3. Secret Spot Secret Canyon Shale Drill Section KMD20-006**  
 (New Placer Dome was acquired by CopAur Minerals in May 2022)



**Figure 4. WFZ Drill Section KMD20-003**  
 (New Placer Dome was acquired by CopAur Minerals in May 2022)



**Figure 5. Main Pit North Oxide Target Drill Section KMR20-029**  
 (New Placer Dome was acquired by CopAur Minerals in May 2022)

**Table 1. Kinsley Mountain Gold Project - 2020 Significant Drill Intercepts**

Hole ID (dip/azimuth) (degrees)	Released	Zone	From (m)	To (m)	Interval (m) <sup>1</sup>	Au (g/t)*	CN Soluble Au Recovery** (%)
<b>KMD20-003</b> (-75/147)	28-April- 2021	Western Flank	189.3	209.1	19.8	0.53	Sulphide
<b>KMD20-006</b> (-77/225)		Secret Spot Dunderberg Shale	0.0	18.9	18.9	1.76	79%
Including			1.5	7.62	6.1	4.46	93%
And			35.0	55.5	20.5	1.72	91%
Including			38.1	48.8	10.7	2.58	92%
And			451.1	475.5	24.4	1.03	Sulphide
Including		Secret Spot Secret Canyon Shale	473.0	475.5	2.4	5.98	Sulphide
And			486.2	497.7	11.6	3.81	Sulphide
Including			493.5	496.4	2.9	11.3	Sulphide
<b>KMD20-007B</b> (-73/247)		Secret Spot Dunderberg Shale	2.8	16.9	14.1	0.44	78%
And			38.1	63.4	25.3	1.77	86%
Including			38.1	48.2	10.1	2.75	93%
And		Secret Spot Secret Canyon Shale	560.8	577.2	16.3	1.08	Sulphide
<b>KMD20-008</b> (-76/184)		Secret Spot Dunderberg Shale	2.7	42.5	39.8	0.80	79%
<b>KMR20-029</b> (-61/187)		Main Pit North Oxide	105.2	115.8	10.7	0.64	64%
<b>KMR20-030</b> (-65/216)	6-Apr-2021	Main Pit North Oxide Target	108.2	144.8	36.6	2.88	84%
<i>Including</i>			109.7	117.4	7.6	9.83	88%
<b>KMR20-021</b> (-57/064)			137.2	152.4	15.2	0.77	61%
<b>KMR20-022</b> (-57/064)			149.4	173.7	24.4	1.05	91%
<i>Including</i>			152.4	161.5	9.1	2.13	96%
<b>KMR20-023B</b> (-66/123)			108.2	111.3	3.1	4.83	100%
<i>And</i>			147.8	175.3	27.4	0.40	75%
<b>KMR20-028</b> (-56/209)			117.4	126.5	9.1	0.78	62%
<b>KMR20-027</b> (-61/164)		KNW- Sulphide Fault	35.1	67.1	32.0	1.20	Sulphide
<i>Including</i>	64.0		67.1	3.1	5.81		
<b>KMR20-026</b> (-90)	23-Mar- 2021	Western Flank	135.6	141.7	6.1	9.08	Sulphide
<i>And</i>			199.6	207.3	7.6	15.1	
<i>Including</i>			199.6	204.2	4.6	24.1	
<b>KMR20-002</b> (-82/314)			300.2	339.9	39.6	1.78	74%
<i>Including</i>			310.9	324.6	13.7	3.63	83%
<b>KMR20-003</b> (-70/314)			362.7	378.0	15.2	2.51	Sulphide
<i>Including</i>			362.7	368.8	6.1	4.16	
<b>KMR20-004</b> (-68/160)	11-Jan-2021	Western Flank Extension	260.6	271.3	10.7	5.15	69%
<b>KMR20-004</b> (-68/160)	11-Jan-2021		260.6	271.3	10.7	5.15	69%
<i>Including</i>	265.2		269.8	4.6	8.12	74%	



Nevada Sunrise Metals Corporation – MD&A  
For the three and six months ended March 31, 2024

<b>KMR20-007</b> (-75/280)		Western Flank	283.5	289.6	6.1	1.15	<i>Sulphide</i>
<b>KMR20-008</b> (-83/305)			294.1	300.2	6.1	4.83	<i>Sulphide</i>
<i>And</i>			310.9	318.5	7.6	3.07	<i>Sulphide</i>
<b>KMR20-009</b> (-70/110)			283.5	295.7	12.2	1.74	<i>Sulphide</i>
<b>KMR20-016</b> (-85/235)			309.4	330.7	21.3	3.38	73%
<i>Including</i>			317.0	323.1	6.1	5.78	100%
<b>KMR20-017</b> (-75/320)			320.0	358.1	38.1	2.63	<i>Sulphide</i>
<i>Including</i>			326.1	332.2	6.1	10.2	<i>Sulphide</i>

\*True widths of the mineralized intervals are interpreted to be between 60-90% of the reported lengths.

\*Drill composites were calculated using a minimum cut-off of 0.20 g/t gold.

\*\*“*Sulphide*” defined as CN soluble gold recovery of <50%

### 2020 Geophysical Survey Results

On May 17, 2021, Nevada Sunrise reported the results from an induced polarization (“IP”)/resistivity ground geophysical survey completed in 2020 at Kinsley Mountain.

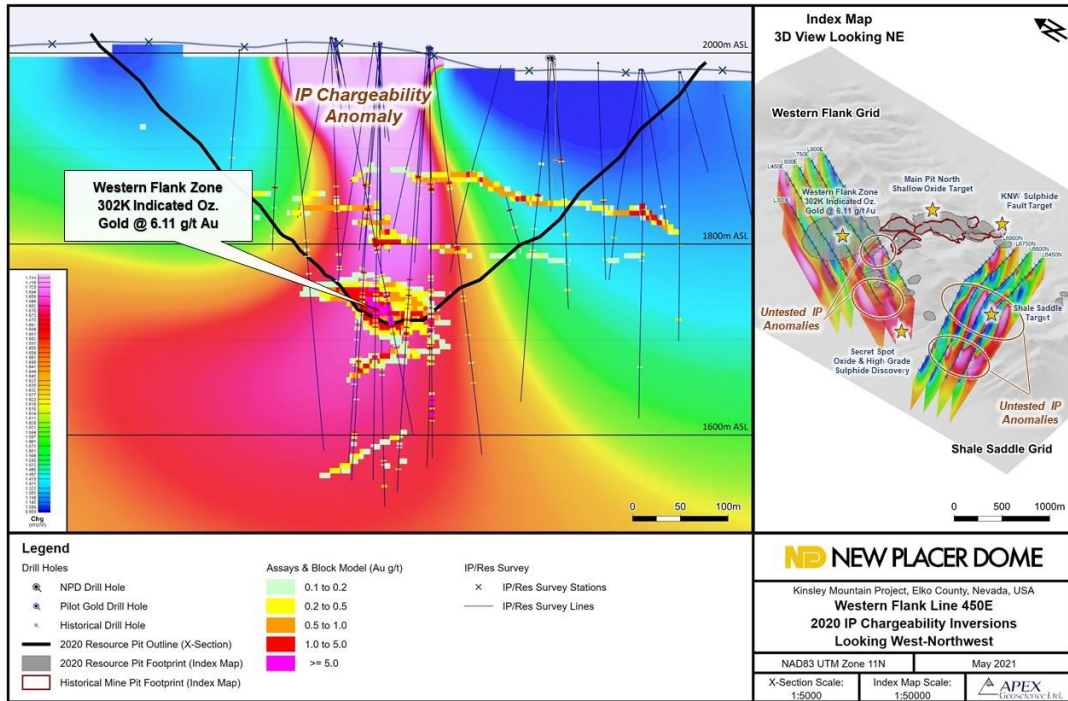
In 2020, New Placer Dome conducted a review of historical geophysical surveys at Kinsley Mountain and noted chargeability anomalies coincident with high-grade gold mineralization at the Western Flank Zone (“WFZ”) within a single 2015 IP/resistivity orientation survey line. Subsequent electrical property measurements of WFZ Secret Canyon shale-hosted gold mineralization and surrounding shale in drill core confirmed an apparent chargeability contrast between mineralized and unmineralized Secret Canyon shale rocks at Kinsley Mountain.

New Placer Dome subsequently commissioned an expanded program of IP/resistivity over the WFZ resource and high-priority Shale Saddle target areas and has confirmed a correlation between the geophysical survey results and historical drilling that intersected high-grade gold in association with sulphide mineralization. The 2020 IP/resistivity comprised a total of 19 line kilometres over nine lines, including 5 lines at the WFZ and 4 lines at the Shale Saddle target (Figures 6 and 7). Drill hole KMR20-035, drilled in the 2020 program, is located on the margin of a larger untested chargeability anomaly (Figure 6).

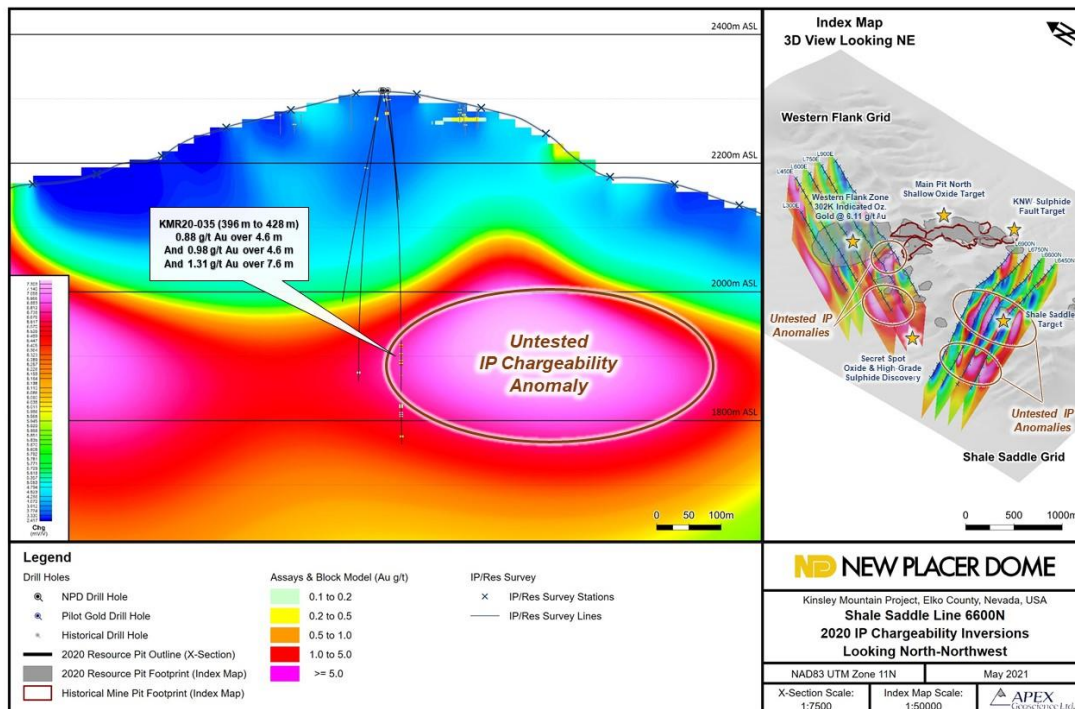
The results of the 2020 IP/resistivity survey reveal that high-grade gold mineralization at the WFZ is associated with chargeability anomalies along the Kinsley Northwest/Mine fault zone. Multiple chargeability anomalies have been identified at the high-grade WFZ and Shale Saddle targets that warrant expansion of the IP geophysical grid and follow-up drill testing.

### Key Points

- High-grade, shale-hosted gold mineralization at the WFZ exhibits an apparent chargeability contrast with unmineralized shales representing an important new gold mineralization vector at Kinsley Mountain.
- IP/resistivity surveys have defined multiple untested chargeability anomalies at the WFZ and Shale Saddles that warrant follow-up drill testing.
- Expanded IP/resistivity surveys are warranted to the south to cover the Secret Spot oxide and high-grade sulphide new discovery.



**Figure 6. WFZ IP Chargeability Section L450E**  
 (New Placer Dome was acquired by CopAur Minerals in May 2022)



**Figure 7. Shale Saddle Target IP Chargeability Section L6600N**  
 (New Placer Dome was acquired by CopAur Minerals in May 2022)

### 2021 Exploration Program

On July 20, 2021, Nevada Sunrise announced that New Placer Dome had presented plans to the Company for the 2021 exploration program at Kinsley Mountain.

Building on a successful 2020 campaign, the 2021 exploration program was planned to comprise resource expansion and drilling on three new discovery areas, and a significantly expanded program of induced polarization (IP)/resistivity geophysical surveys. However, no drilling was conducted in 2021, but IP/resistivity surveys were carried out covering a number of underexplored targets.

The first phase of the 2021 IP/resistivity geophysical surveys infilled the area between the WFZ and Shale Saddle 2020 survey grids.

Seven lines, totalling 30.0 kilometres, were completed during the first phase of surveying, extending the existing 2020 Shale Saddle grid north to connect and overlap with the south end of the WFZ grid. Chargeability anomalies were detected on all lines, coincident with modelled Secret Canyon shale rocks, the main host of high-grade sulphide gold mineralization at the WFZ and Secret Spot. The 2020 drilling program yielded high-grade gold sulphide intercepts from the Secret Canyon shale including: 10.2 grams per tonne gold over 6.1 metres within a broader zone averaging 2.63 g/t Au over 38.1 metres in KMR20-017 at the WFZ; and 11.3 g/t Au over 2.9 m within a broader zone grading 3.81 g/t Au over 11.6 m in KMD20-006 at Secret Spot. Significantly, the two holes are separated by a 1.5-kilometre expanse of largely untested Secret Canyon stratigraphy.

This survey showed that there is a correlation between enhanced chargeability and drill-confirmed high-grade gold sulphide mineralization at the WFZ. At Shale Saddle, anomalous gold values were discovered on the periphery of a 500-by-250-metre untested chargeability anomaly. The new chargeability anomalies occur within areas untested by previous drilling, with each line producing one or more potential drill targets. Several anomalies are spatially associated with major fault structures, including the Kinsley NW fault and the Transverse fault, which correlate to WFZ and Secret Spot gold mineralization, respectively. Together with anomalies identified by the 2020 Shale Saddle survey, a broad north-south-trending zone of elevated chargeability has been delineated over a strike length of 1.5 kilometres.

### 2022 Exploration Program

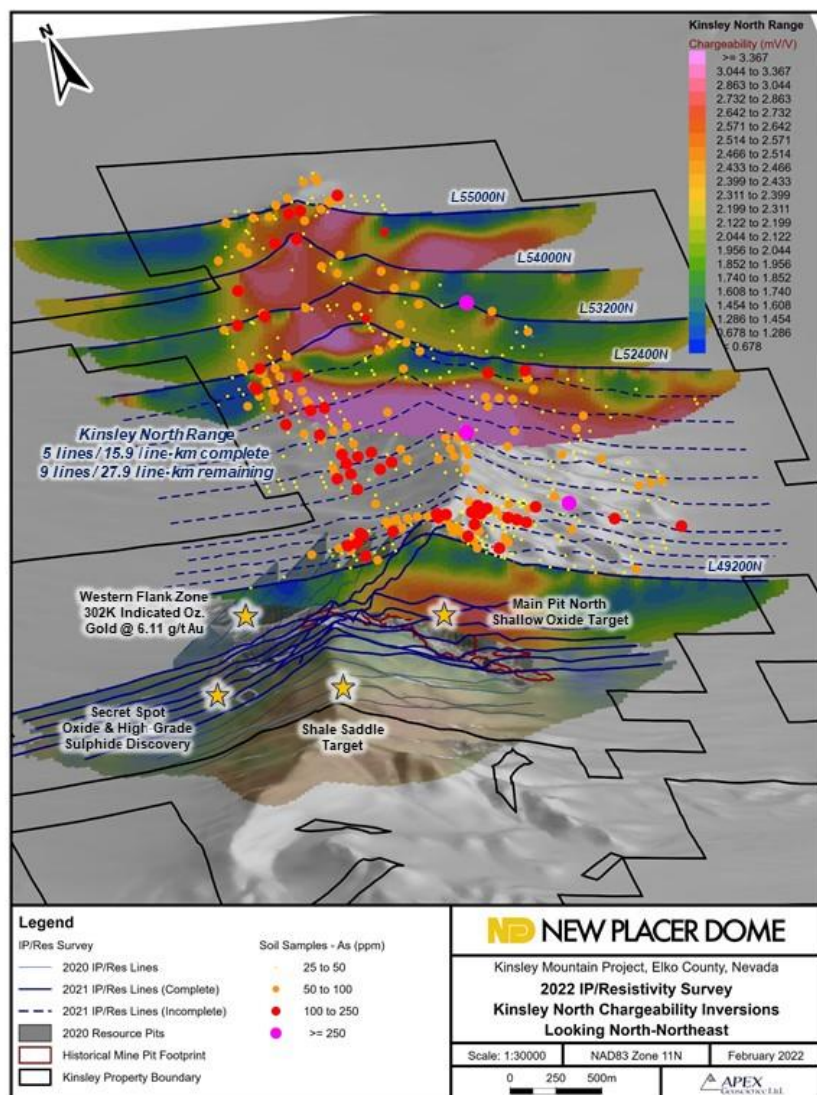
On January 10, 2022, New Placer Dome announced that geophysical crews resumed IP/resistivity surveys in the Kinsley North Range (“Kinsley North”) area. A single line was completed in the underexplored Kinsley North in 2021, and an additional 39.0 line kilometres were planned. No program or budget was received from New Placer Dome for the 2022 exploration year during its pending transaction with CopAur.

On February 22, 2022, Nevada Sunrise announced that IP/resistivity surveying was ongoing at Kinsley Mountain targeting the under-explored Kinsley North. Five survey lines totaling 15.9 line kilometres were completed by New Placer Dome at Kinsley North with an additional nine lines totaling 29.7 line kilometres planned.

### **Highlights of New Kinsley North IP/Resistivity Targets**

- 2021-2022 IP/resistivity surveys expanded 6.5 kilometres north of the high-grade gold WFZ to test underexplored Kinsley North targets (see Figure 8).

- Chargeability breaks indicative of significant displacement and arsenic ± antimony in soil anomalies associated with property-scale northwest-trending fault structures analogous to those that host significant gold resources along the Kinsley Mountain NW fault.
- Chargeability/resistivity breaks and broad arsenic ± antimony in soil anomalies associated with northeast to northwest-trending block faulting exposing prospective lower Pogonip Group carbonate rocks.
- Chargeability highs are associated with mapped jasperoid and arsenic ± antimony in soil anomalies along north-trending fault structure in the centre of the range.
- Nine Kinsley North IP/resistivity lines were planned to cover a significant strike length of block faulted Pogonip Group and upper Notch Peak Formation rocks on the east side of the Kinsley Mountain Range.



**Figure 8: 2020-2022 IP/resistivity Survey Chargeability Inversions with Geochemistry (Kinsley North inversions are featured)**

(New Placer Dome was acquired by CopAur Minerals in May 2022)

### Geophysical Surveys Methodology

Two IP/resistivity grids were completed during 2020 covering the WFZ and Shale Saddle target areas. Five lines spaced 150 metres apart were completed at the WFZ and four lines spaced 150 metres apart were completed at Shale Saddle. Line lengths ranged from 1,300 metres to 2,300 metres. Data were collected using the Direct Current Resistivity, Induced Polarization (“DCIP”) method, on a 16-channel pole-dipole array with a dipole size (a-spacing) of 100 metres. A GDD GRx16 receiver and GDD 5000W-2400V-20A IP Tx model Tx4 transmitter was used. Raw data were loaded into Geosoft Oasis Montaj software for quality control and review. The reviewed data were used to produce pseudo section plots of apparent resistivity and apparent chargeability and were the input for the inversion. Inversions were completed using the UBC-GIF DCIP2D inversion codes. Each line of data was inverted independently. The resistivity and IP inversion is a two-step process. The resistivity inversion is run first, and this model was used in the chargeability inversion. Multiple inversions were completed for quality control.

A total of 14 lines were completed to mid-February during the 2021-2022 Kinsley Mountain geophysical program. The lines are spaced 150 to 1,000 metres apart, with line lengths ranging from approximately 2.5 to 4.0 kilometres. Data were collected using the Direct Current Resistivity, Induced Polarization (“DCIP”) method, on a 16-channel pole-dipole array with a dipole size (a-spacing) of 100 metres. A GDD GRx16 receiver and GDD 5000W-2400V-20A IP Tx model Tx4 transmitter was used. Raw data were loaded into GDD IP Post-Process software and Geosoft Oasis Montaj software for quality control and review. The reviewed data were used to produce pseudo section plots of apparent resistivity and apparent chargeability and were the input for the inversion. Inversions were completed using the UBC-GIF DCIP2D inversion codes. Each line of data was inverted independently. The resistivity and IP inversion is a two-step process. The resistivity inversion was run first, and this model was used in the chargeability inversion. Multiple inversions were completed for quality control.

On August 3, 2022, CopAur announced the generation of new drill targets from the completed IP/resistivity geophysical surveying at Kinsley Mountain. In total, 80 line-km of geophysical surveys were completed over a 9 kilometre north-south strike length, covering an area of approximately 30 square kilometres.

CopAur reported that interpretation of the survey data identified a minimum of eight (8) untested high-priority targets at Kinsley North. The final phase of IP/resistivity surveying specifically targeted the frontier Kinsley North, which contains a significant strike length of prospective, faulted Pogonip Group and upper Notch Peak Formation carbonate rocks that are known to host significant gold mineralization at the Long Canyon Mine located 90 kilometres north of Kinsley Mountain. The observed chargeability and resistivity anomalies indicate potentially significant fault displacement coincident with mapped faults, arsenic plus or minus antimony plus or minus gold in soil anomalies, and prospective known gold hosting rock units.

### 2023 Exploration Program

On May 16, 2023, Nevada Sunrise announced that it had received plans for the 2023 Kinsley Mountain exploration program from its joint venture partner, CopAur.

The 2023 drill program was planned to consist of up to 2,300 metres (7,544 feet) of RC drilling and 1,200 metres (3,936 feet) of diamond core drilling for:

- Resource infill drilling of the high-grade gold WFZ (2 core holes planned for 700 metres, or 2,296 feet);



- Near surface oxide-gold resource drilling, for expansion and delineation at the Main Pit North Oxide and Secret Spot targets (19 RC holes planned for 2,300 metres, or 7,544 feet – see Figure 8);
- Testing of a new IP/chargeability anomaly located between the WFZ and Upper Ridge Pit area is planned (1 core hole for 500 metres, or 1,640 feet - see Figure 9).

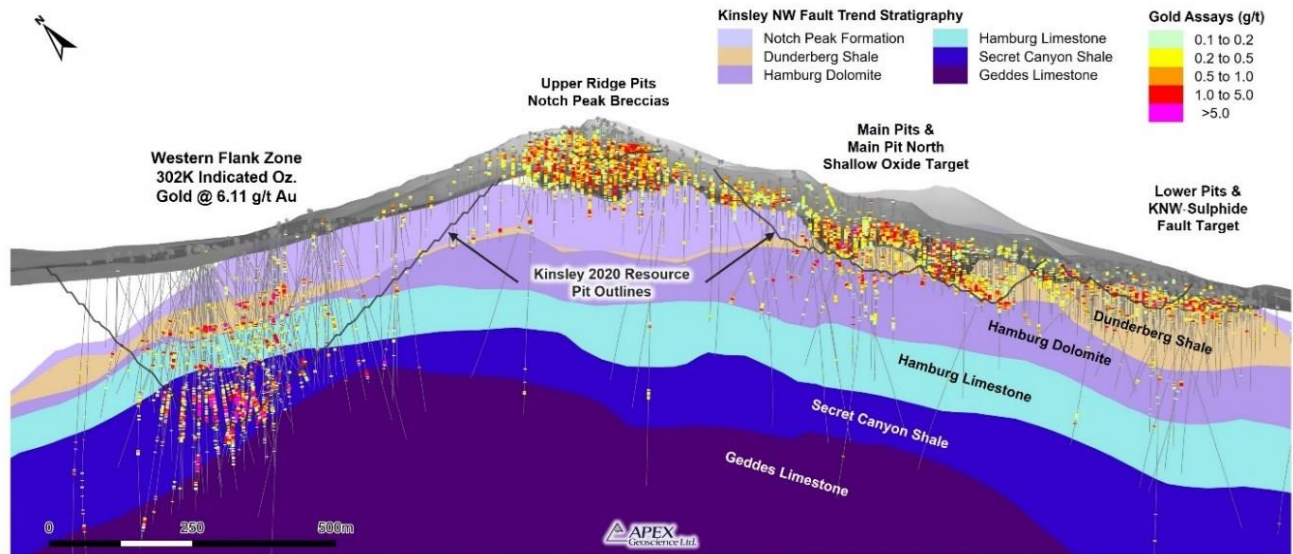
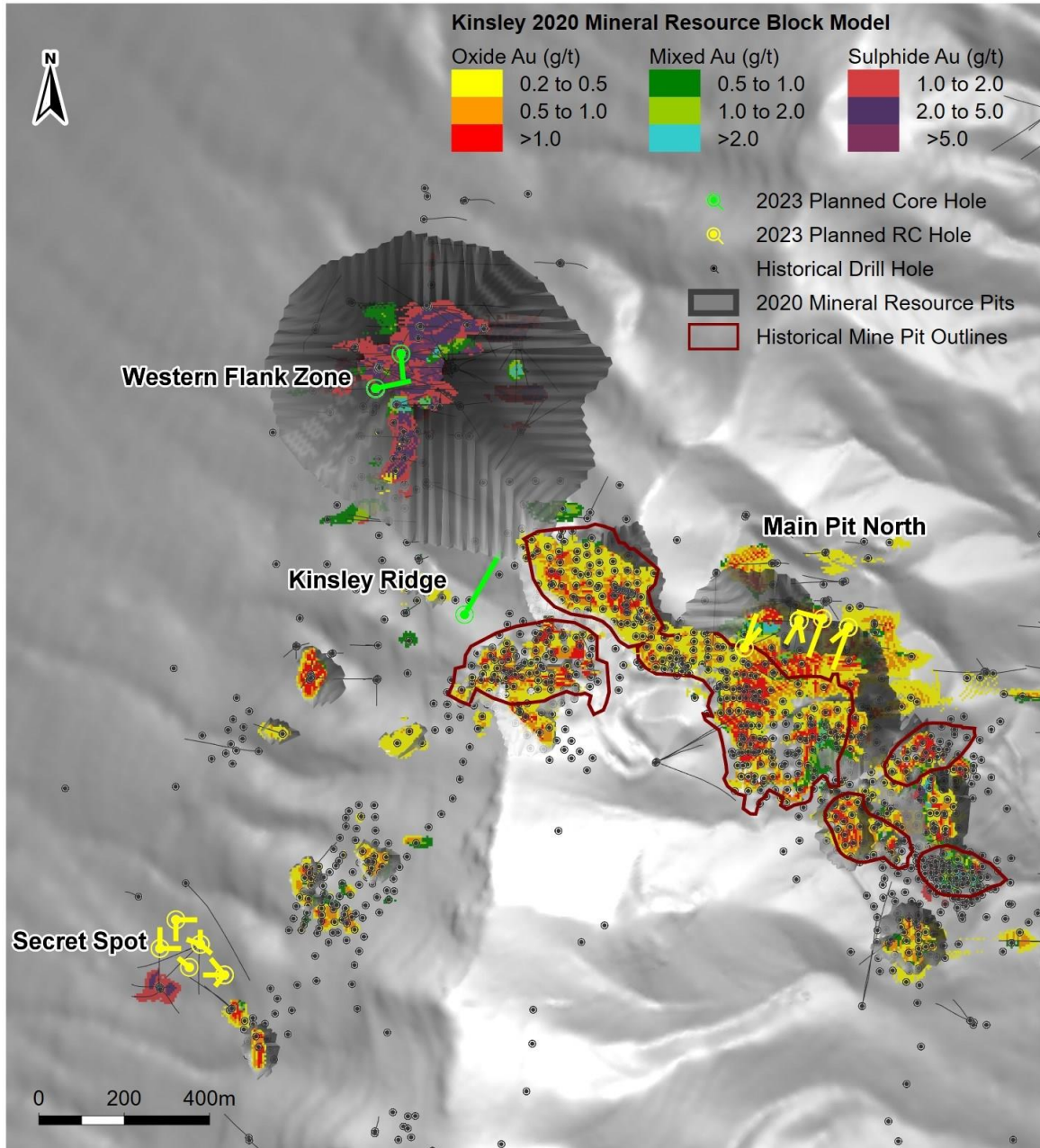


Figure 9. Kinsley Mountain Cross Section Through Mine Trend

The planned 2023 drilling was designed to follow up on the success of the 2020 drilling campaign, which consisted of 49 holes totaling 17,970 metres (58,957 feet), the results of which underscored the resource expansion potential that remains at the WFZ, Main Pit North Oxide, and the Secret Spot targets (Figure 9).





**Figure 10. Kinsley Mountain 2023 Planned RC and Diamond Drilling**

CopAur completed total of seven (7) RC drill holes and three (3) diamond drill holes comprising 2,285 metres (7,495 feet) in 2023 at the high-grade WFZ, the Main Pit North, and the new Kinsley Ridge target (see Figure 10). All samples, including QA/QC samples, were shipped to ALS Global in North Vancouver, British Columbia, Canada for multi-element analysis and fire assay for gold. Results are shown in Table 1 and Table 2 below.

**Table 1. Kinsley Mountain 2023 Diamond Drill Holes: Significant Gold Intercepts**

Hole ID	Zone	From	To	Interval (m)*	Gold Value (g/t)*
(dip/azimuth)		(m)	(m)		
<b>KMD23-01</b> (-76/085)	Western Flank	267.6	287.9	<b>20.3</b>	<b>12.55</b>
<i>Including</i>		283.2	287.9	<b>4.7</b>	<b>29.43</b>
<b>KMD23-02</b> (-80/185)	Western Flank	254.5	286.8	<b>32.3</b>	<b>15.28</b>
<i>Including</i>		254.5	257.9	<b>3.4</b>	<b>45.19</b>
<i>Including</i>		265.5	276.2	<b>10.7</b>	<b>24.07</b>

\* True widths of the mineralized intervals are interpreted to be between 60-90% of the reported lengths.

Diamond drill hole **KMD23-03**, targeting an untested geophysical anomaly, intersected a greater than 80 metre core length fault-bounded interval of the Secret Canyon Shale. This interval contained anomalous arsenic pathfinder values but did not return significant gold values.

**Table 2: Kinsley Mountain 2023 Reverse Circulation Drilling: Significant Gold Intercepts**

Hole ID	Zone	From	To	Interval (m)*	Gold (g/t)*	NaCN (Sodium Cyanide) Soluble Gold Recovery (%)
(dip/azimuth)		(m)	(m)			
<b>KMR23-02</b> (-45/200)	Main Pit North	146.3	150.9	<b>4.6</b>	<b>1.50</b>	90%
<b>KMR23-03</b> (-50/200)		118.9	144.8	<b>25.9</b>	<b>2.22</b>	88%
<i>Including</i>		125.0	135.6	<b>10.7</b>	<b>4.20</b>	96%
<b>KMR23-04</b> (-63/283)		117.3	125.0	<b>7.6</b>	<b>2.02</b>	92%
<b>KMR23-05</b> (-83/160)	Main Pit North	114.3	121.9	<b>7.6</b>	<b>0.42</b>	78%
<b>KMR23-07</b> (-88/017)	Main Pit North	129.5	143.3	<b>13.7</b>	<b>0.51</b>	56%

\* True widths of the mineralized intervals are interpreted to be between 60-90% of the reported lengths.

Drill hole KMR23-01 did not return significant intercepts. Drill hole KMR23-06 experienced poor recovery, leaving insufficient material for sampling.

#### Geochemical Sampling Methodology and QA/QC

Geochemical assays for the 2020 and 2023 Kinsley Mountain RC and core samples described in this MD&A were performed by ALS Global (“ALS”), of Vancouver, Canada. ALS is an ISO-IEC 17025:2017 and ISO 9001:2015 accredited analytical laboratory that is independent of New Placer Dome, CopAur, Nevada Sunrise, and their respective Qualified Persons. RC drill samples were subject to crushing to a minimum of 70% passing 2 mm, followed by pulverizing of a 250-gram split to 85% passing 75 microns. Gold determination was via standard 30-gram fire-assay analysis with atomic absorption spectroscopy (“AAS”)

*finish, in addition to 51 element ICP-MS. Samples returning greater than 10 g/t Au are subject to gravimetric finish. Gold values returning greater than 0.1 g/t Au are also subject to leach analysis where the sample is treated with a 0.25% NaCN solution and rolled for an hour. An aliquot of the final leach solution is then centrifuged and analyzed by AAS.*

*New Placer Dome was the operator at Kinsley Mountain in 2020 and 2021, and CopAur was the operator in 2023. Each company followed industry standard procedures for the work carried out at the Project, with a quality assurance/quality control (“QA/QC”) program. Blank, duplicate and standard samples were inserted into the sample sequence sent to the laboratory for analysis. Both New Placer Dome and CopAur reported no significant QA/QC issues during review of the data. Nevada Sunrise is not aware of any drilling, sampling, recovery or other factors that could materially affect the accuracy or reliability of the data referred to herein.*

### **Qualified Person**

*The scientific and technical information regarding Kinsley Mountain contained in this MD&A has been reviewed and approved by Robert M. Allender, Jr., CPG, RG, SME and a Qualified Person for Nevada Sunrise as defined in NI 43-101. Mr. Allender has examined the information provided by New Placer Dome, which includes the data disclosed underlying the information and opinions contained herein.*

## **BASE METALS PROPERTIES**

### ***Lovelock Cobalt Mine***

The Lovelock Cobalt Mine (the “Lovelock Mine”) is located approximately 100 miles (150 kilometres) east of Reno, Nevada.

The Lovelock Mine property area consists of 70 unpatented claims in the Cottonwood Canyon area of Stillwater range totaling approximately 1,400 acres (567 hectares). It was discovered by George Lovelock and Charles Bell about 1880. According to U.S. Government annual reports, the Lovelock Mine saw limited production of nickel, copper and cobalt beginning in 1883. The primary cobalt mineral was identified as “cobaltite”, a compound of cobalt, nickel and arsenic. Records of a geochemical analysis from that era indicate that the average composition of the cobaltite contained 17.30% cobalt and 13.62% nickel. The mine operated from 1883 to 1890 to the 100-foot level, reporting 500 tons of cobalt and nickel mineralized material shipped to England for processing. After intermittent production, an English company attempted smelting on site in 1898 but little or no production was made (Source: “Mineral Resources of the United States for 1885, 1886”). No further production from the Lovelock Mine is known for well over a century.

The rocks of the Lovelock Mine area include highly altered sedimentary and volcanic rocks cut by a larger mass of diorite and by aplitic dikes, all of which are now highly altered. The altered volcanic rocks lie in a syncline bordered on the west, north and east by the altered sedimentary rocks. Probable faults, inferred from the nature of the contacts, form the boundaries between the sedimentary and volcanic rocks northwest of the Lovelock Mine.

The cobalt and nickel minerals of the Lovelock Mine and the nearby Nickel Mine occur in stringers that cut the rock immediately surrounding the diorite. In the case of the Lovelock Mine, the stringers cut a highly-altered greenstone. The minerals recognized are tetrahedrite, erythrite (cobalt bloom), azurite, and

green crusts that contain copper and nickel arsenates and sulphates. Other sources reported the principal mineral present is cobaltite. It was postulated by historical observers that there has been post-mineral faulting with downthrow on the west, and that the extension of the productive zone is west of the Lovelock Mine shaft and at greater depth than the historical workings could reach (Source: “Nickel Deposits in Cottonwood Canyon, Churchill County, Nevada”, H.G. Ferguson, 1939).

#### Terms of the Definitive Agreement

On December 22, 2017, the Company signed a definitive agreement to acquire a 100% interest in the Lovelock Mine located in Churchill County, Nevada. On December 22, 2018, the Company paid the vendor US\$5,000 to extend the first payment date from December 22, 2018 to March 22, 2019. The US\$5,000 was repaid to the Company by way of GEMC shares.

To earn the 100% interest, the Company was required to pay cash payments and common share payments to the vendor payable over three years from the date of signing of the definitive agreement, subject to a 2% net smelter returns royalty (“NSR”) as follows:

- US\$15,000 (paid) and 200,000 common shares (issued at a fair value of \$31,000);
- March 22, 2019: US\$20,000 (paid by GEMC) and 200,000 common shares (issued at a fair value of \$19,000 and repaid to the Company by way of GEMC shares);
- December 22, 2019: US\$25,000 (GEMC paid US\$5,000 to extend the due date by 90 days) and 250,000 common shares (issued at a fair value of \$11,250 and repaid to the Company by way of GEMC shares);
- December 22, 2020: \$30,000 (paid by GEMC) and 300,000 common shares (equivalent shares issued by GEMC with GEMC shares as per the April 3, 2020 Amended Agreement below).

The Company will have the right to accelerate the timing of cash payments to the vendor at its discretion. On or before the 10th anniversary of the execution of the agreement, the Company shall have the right to purchase 50% of the NSR for US\$1,500,000.

On April 3, 2020, the above agreement was replaced by a new agreement between the Company, GEMC and the vendor of the Lovelock Cobalt Mine, which is discussed below.

#### Lovelock Mine and Treasure Box Option Agreement with Global Energy Metals Corp.

##### Terms of the Option Agreement

On January 15, 2019, the Company signed an option agreement with GEMC which granted GEMC the option to acquire an 85% interest in the Lovelock Mine property and the Treasure Box property. The agreement allows for GEMC to acquire the interest subject to the Company first acquiring the interest pursuant to the underlying agreement with the vendor.

In order to exercise the option, GEMC was required to complete the following:

- (1) Issue to the Company of such number of common shares in the capital of GEMC as is equal to US\$200,000 at a deemed price per share equal to the greater of: (a) \$0.15; and (b) the volume weighted average of the closing price of GEMC’s shares for the 20 trading days immediately prior to the execution of the agreement. GEMC issued the Company 1,728,133 common shares with a fair

value of \$86,407.

- (2) Assume all future cash payments to the vendor as scheduled below:
- December 22, 2019: US\$25,000 (GEMC paid US\$5,000 to extend this date by 90 days);
  - December 22, 2020: US\$30,000 (paid by GEMC).
- (3) Reimburse the Company for the issue by the Company of its common shares to the vendor with common shares of GEMC, payable as scheduled below:
- March 22, 2019: such number of GEMC shares as is equal in value to 200,000 shares of the Company on the day prior to their issuance (issued);
  - March 22, 2019: such number of GEMC shares as is equal in value to US\$5,000 to reimburse the Company for the extension payment made by the Company to the vendor on December 22, 2018 (issued).
  - December 22, 2019: such number of GEMC shares as is equal in value to 250,000 shares of the Company on the day prior to their issuance (issued); and
  - December 22, 2020: such number of GEMC shares as is equal in value to 300,000 shares of the Company on the day prior to their issuance (issued by GEMC with GEMC shares).
- (4) GEMC must also incur exploration expenditures totaling US\$1,000,000 by the third anniversary of the agreement.

*Amended Terms of the Option Agreement and the Definitive Agreement*

On April 3, 2020, the Company, GEMC and the vendor of the Lovelock and Treasure Box properties amended the terms of the GEMC option agreement on the properties and the underlying definitive agreement on the Lovelock property (the “Amended Agreement”).

The Amended Agreement provides that GEMC will purchase an 85% interest in the Lovelock and Treasure Box properties, with Nevada Sunrise retaining a 15% interest, subject to a 2% NSR in favour of the vendor as provided for in the underlying definitive agreement between the vendor and Nevada Sunrise. The Amended Agreement supersedes the option agreement dated January 15, 2019. A joint venture between GEMC and Nevada Sunrise will be formed to further explore and develop the Lovelock and Treasure Box properties.

In consideration for the Amended Agreement, GEMC shall on closing:

- Pay to the vendor the sum of US\$35,000;
- Issue to the vendor 1,000,000 common shares of GEMC (after giving effect to the 1 for 10 share consolidation announced by GEMC on March 10, 2020);
- Issue to Nevada Sunrise 750,000 common shares of GEMC (after giving effect to the 1 for 10 share consolidation announced by GEMC on March 10, 2020, issued).

GEMC will not be required to incur the US\$1,000,000 of exploration expenditures contemplated in the original option agreement.



The GEMC shares issued under the Amended Agreement will be subject to voluntary escrow provisions in addition to applicable statutory and regulatory hold periods.

The vendor will maintain its current 2% NSR on the projects with GEMC having the right, exercisable at any time, to purchase up to 50% of the NSR by payment to the vendor of CAD\$1,500,000 subject to a protection hedge against inflation of the US dollar, using an agreed-upon price of US\$3.25 per pound copper. Upon payment of CAD\$1,500,000 or the cash value of 462,000 pounds of copper, whichever value is greater at the time of the purchase of half of the royalty, the royalty shall be reduced to a 1% NSR.

On October 6, 2020, the Amended Agreement transaction closed and GEMC made the \$35,000 cash payment and issued 1,000,000 of its common shares to the vendor, and issued 750,000 of its common shares to the Company.

On April 26, 2023, the Company entered into a binding purchase and sale agreement with GEMC for the sale of the Company's remaining 15% interest in the Lovelock Cobalt Mine and Treasure Box copper property. The consideration for the purchase was paid to the Company in the form of 2,500,000 common shares of GEMC. In addition to a regulatory 4-month hold period, the Company has agreed to additional voluntary hold periods with respect to the 2,500,000 common shares of GEMC, which will vest in four tranches over a 12-month period from the date of issuance.

As per the terms of the binding purchase and sale agreement with GEMC, the Company received the payment of 2,500,000 GEMC shares on September 12, 2023 with a fair value of \$150,000 resulting in a gain on sale of exploration and evaluation assets of \$143,293.

### ***Coronado VMS Property***

The Coronado VMS property ("Coronado") is located in the Tobin and Sonoma Range of Pershing County, Nevada, approximately 30 miles (48 kilometres) southeast of Winnemucca.

Coronado consists of 133 unpatented claims totalling approximately 2,660 acres (1,076 hectares) located over an interpreted trend adjacent to the historic Big Mike copper mine ("Big Mike"). Big Mike was discovered in the 1930s when a shallow, oxidized portion (gold-bearing gossan) of the deposit was located by prospectors. The area was explored further in the late 1960s by Cerro Corp. and a deeper (greater than 300 feet, or 91 metres) high-grade (supergene-enriched) massive sulphide lens was discovered by diamond core drilling.

In 1969, Cerro Corp. published a historical resource estimate of 634,000 tons grading 3.41 percent copper, which included 74,000 tons of massive sulphide ore grading 11.78 percent copper, and 380,000 tons of oxide and mixed ore grading 3.16 percent copper. This historical estimate, which is dated Feb. 21, 1969, uses categories that are not consistent with NI 43-101 and cannot be readily compared with NI 43-101 categories. A qualified person has not done sufficient work to classify the estimate as a current resource and Nevada Sunrise Metals is not treating the estimate as a current resource estimate. A portion of the ground on which this resource estimate was based was subsequently mined. However, the historical resource estimate is relevant to guiding the company's exploration plans and provides geological information regarding the type of mineralization that could be present in the Coronado area.

In 1970, Ranchers Exploration and Development Company developed the high-grade portion of the deposit with a small open-pit mine that produced approximately 25 million pounds of copper in 100,000 tons of ore grading 10.5 per cent copper, which was shipped directly to a smelter in West Germany. Heap leaching of lower-grade disseminated copper ore was also carried out by Ranchers; approximately 300,000 tons of mineralized rock was treated. Historical sampling also shows the presence of cobalt at Big Mike, with values in the deposit ranging up to 2,500 parts per million cobalt, or 0.25 per cent. Big Mike was mined out in 1970.

***Coronado Option Agreement***

***Terms of the Option Agreement***

On September 25, 2018, the Company entered into a definitive option agreement (the “Agreement”) to acquire a 100% interest in the Coronado property in consideration for cash and share payments, and minimum exploration expenditures as described below:

<b>Payment Due Dates</b>	<b>Cash Payments</b>	<b>Share Payments</b>	<b>Minimum Exploration Expenditures</b>
Upon TSXV acceptance of the definitive agreement	US\$30,000 (paid)	200,000 (issued)	US\$50,000 (incurred)
On or before September 25, 2019	US\$35,000 (paid)	300,000 (issued)	US\$100,000 (incurred)
On or before September 25, 2020	US\$40,000 (paid)	400,000 (issued)	US\$150,000 (incurred)
On or before September 25, 2021	US\$50,000	500,000	US\$300,000
On or before September 25, 2022	US\$1,250,000	600,000	US\$500,000
Totals:	US\$1,405,000	2,000,000	US\$1,100,000

The vendor shall retain a 2% net smelter returns royalty, half of which can be purchased by the Company at any time for US\$1,500,000, minus any advance royalty payments made by the Company. An advance royalty payment of US\$500,000 would be payable to the vendors upon completion of a feasibility study.

On October 24, 2018, the option agreement was accepted for filing by the TSX Venture Exchange. The Company paid the vendors US\$30,000 and issued the vendors 200,000 common shares with a fair value of \$14,000.

The September 25, 2019 option payment of US\$35,000 was deferred to December 25, 2019 by agreement with the vendors in exchange for a payment of US\$5,000. A second extension agreement between the Company and the vendors deferred the due date to February 24, 2020 for a second payment of US\$5,000. In July 2020, the Company paid the deferred option payment of US\$35,000, and subsequently paid the US\$40,000 cash payment and 400,000 common shares payment due in September 2020 to maintain its option on Coronado.

First Amendment to the Coronado Option Agreement

On January 28, 2022, the Company entered into an amendment to the Agreement whereby the US\$1,250,000 cash payment, 600,000 share payment, and US\$500,000 work commitment due on or before September 25, 2022 were amended and replaced as follows:

<b>Coronado VMS Project – First Amendment to Schedule of Payments and Expenditures</b>			
<b>Payment Due Dates</b>	<b>Cash Payments</b>	<b>Share Payments</b>	<b>Minimum Exploration Expenditures</b>
On or before September 25, 2021	US\$50,000 (paid)	500,000 (issued with a fair value of \$30,000)	US\$300,000
On or before September 25, 2022 <sup>(1)</sup>	US\$50,000 (paid)	500,000 (issued with a fair value of \$147,500)	US\$300,000
On or before September 25, 2023 <sup>(2)</sup>	US\$50,000	500,000	US\$300,000
On or before September 25, 2024	US\$50,000	500,000	US\$300,000
On or before September 25, 2025	US\$50,000	500,000	US\$300,000
On or before September 25, 2026	US\$1,050,000	600,000	-

(1) *During the Year Ended September 30, 2022, no exploration was undertaken by the Company.*

(2) *During the Year Ended September 30, 2023, no exploration was undertaken by the Company. Exploration at Coronado is in the planning stage for 2024, and if warranted, the 2022 exploration deficit is anticipated to be expended in successive years.*

Second Amendment to the Coronado Option Agreement

On January 12, 2024, Nevada Sunrise announced a second amendment to the Agreement whereby the terms of the Agreement were further amended as follows:

<b>Coronado VMS Project – Second Amendment to Schedule of Payments and Expenditures</b>						
Payment Due Dates	Cash Payments (Previous)	Amended Cash Payments (2023)	Share Payments (Previous)	Amended Shares Payments (2023)	Minimum Exploration Expenditures (Previous)	Amended Minimum Exploration Expenditures (2023)
Sept. 25, 2021	\$50,000 (paid)	n/a	500,000 (issued)	n/a	\$300,000	\$300,000
Sept. 25, 2022 <sup>(1)</sup>	\$50,000 (paid)	n/a	500,000 (issued)	n/a	\$300,000	\$300,000
Sept. 25, 2023	\$50,000	NIL	500,000	750,000 (issued with fair value of \$60,000)	\$300,000	NIL
Sept. 25, 2024	\$50,000	\$75,000	500,000	750,000	\$300,000	\$300,000
Sept. 25, 2025	\$50,000	\$75,000	500,000	500,000	\$300,000	\$300,000
Sept. 25, 2026	\$1,050,000	\$1,050,000	600,000	600,000	NIL	\$300,000

(1) *During the Year Ended September 30, 2022, no exploration was undertaken by the Company.*

Nevada Sunrise retains the right to accelerate the timing of cash and share payments to the vendors at its discretion. If minimum exploration expenditures, which include property maintenance costs, are exceeded in any year, the excess expenditures will be credited to a succeeding year. An advance royalty payment of \$500,000 would be payable to the vendors upon completion of a feasibility study.

For the purposes of an anniversary common shares payment, the value of such payment by the Company to the vendors shall be calculated at a minimum price of \$0.15 per common share, and if the closing price of the Company's common shares on the TSX-V on the business day prior to any anniversary date when a common shares payment is due and payable is less than \$0.15, the monetary difference between \$0.15 and the closing share price of the Company shall be paid to the vendors in cash.

The second amendment to the Agreement for Coronado was accepted by the TSX Venture Exchange on January 23, 2024.

#### 2018 Exploration at Coronado

On July 19, 2018, Nevada Sunrise announced the commencement of an airborne Versatile Time Domain Electromagnetic ("VTEM<sup>TM</sup>") survey totalling 648 line-kilometres at Coronado. The presence of the past-producer Big Mike within the boundaries of the property and numerous other mineral showings in the area indicates that the potential exists for other volcanogenic massive sulphide ("VMS") deposits within Coronado. Big Mike and other VMS showings lie within the Late Devonian to Late Permian-age Havallah volcanic-sedimentary sequence. To the best of the Company's knowledge, this overlooked Paleozoic greenstone belt has never been surveyed by modern airborne electromagnetic methods.

Two anomalous responses, Coronado North and Coronado South, were observed from the VTEM<sup>TM</sup> survey in the southern part of the project. The Coronado South target has a 1,400-metre-by-700-metre (4,600 feet by 2,300 feet) footprint and is interpreted as a northwest-southeast-striking cuboid body with

estimated dimensions of approximately 900 metres by 300 metres by 150 metres (2,950 feet by 980 feet by 490 feet). The width, thickness and depth vary along strike, suggesting that the zone is broken into sections by cross faulting.

Ground geological investigations carried out by Nevada Sunrise at Coronado in September 2018 within the areas of the best VTEM™ conductive anomalies confirmed the presence of sulphides on surface as well as other geological features consistent with the surface expression of a buried VMS deposit. Most of the surface area of the project is covered with locally derived overburden. At the Coronado South anomaly, rare outcrops exposing a section of thin-bedded-to-laminated chert exhalite and cherty tuffaceous sediments containing fine-grained oxidized (iron-stained) sulphide casts and locally relict anhedral pyrite grains (up to 1 per cent) were mapped and sampled. In addition, samples of highly altered, gossanous (oxidized disseminated sulphide casts) chert and chert breccia were collected from nearby exploration trenches. These samples occur within a structural zone that appears to intersect the northwest end of the Coronado South anomaly. Analytical results show anomalous values of arsenic, sulphur, silver and, most importantly, mercury.

The presence of sulphides in the chert exhalite beds and anomalous mercury values within the structural zone located immediately adjacent to the Coronado South anomaly suggest a spatial relation to the EM conductor. Of particular importance is that this exhalite section is comparable with those found within the Big Mike mine sequence and the historic Big Mike open pit located approximately 2.9 miles (4.5 kilometres) to the southeast, where peripheral mercury anomalies were also noted during geochemical exploration in the late 1960s. The presence of a number of historical electromagnetic (“EM”) anomalies along trend with Big Mike suggests district-scale potential and a typical clustering of VMS deposits.

On December 6, 2018, Nevada Sunrise commenced a diamond drilling program at Coronado. The initial drill test at Coronado South was planned to consist of three diamond drill holes totalling approximately 2,500 feet (762 metres). The United States Bureau of Land Management approved nine drill hole locations at Coronado, where each location can host multiple holes. The drilling plan for the Coronado South anomaly calls for up to six holes totalling 5,225 feet (1,608 metres), and at the Coronado North anomaly an additional six holes are planned, totalling 4,750 feet (1,462 metres).

On January 10, 2019, Nevada Sunrise released the results of the first diamond drill hole at Coronado. Downhole conditions were difficult during the program and daily drilling progress was slower than anticipated. Sulphides were encountered in the hole above and below a wide fault zone, but geochemical values of metals such as copper, gold, nickel, cobalt and zinc were low, and not of economic interest. However, the Company believes that as a first test of the Coronado South geophysical anomaly, drill hole COR18-01 represented a "near-miss" of the best part of the target, and that further drilling is warranted at the project.

#### 2019 Exploration at Coronado

A ground gravity survey was carried out in April 2019 over the most conductive part of the Coronado South target, with survey lines centered over a strong airborne EM anomaly first detected by the Company in 2018. Eighty-four gravity readings were taken at 100 metre station intervals on four lines extending 1,000 metres on either side of the interpreted conductor axis to delineate the gravity profile. An additional 84 gravity readings were also taken over the Coronado North target located approximately 1,750 metres to the north.



The 2019 gravity survey outlined zones of low gravity coincident with the Coronado North and South EM anomalies, which was an unexpected result for such highly-conductive zones with higher magnetic susceptibility. Based on specific gravity (i.e., density) measurements from samples taken within the property area, Nevada Sunrise believes that the measured gravity lows could represent the weathered caps (gossans and/or leached cappings) of flat-lying or gently dipping, VMS-style mineralization.

This interpretation is supported by field observations at the Big Mike. Here, deep weathering and oxidation (at least 200+ feet) resulted in severe leaching of a near-surface, moderately dipping VMS lens and underlying stringer zone. As a consequence, a well-developed, siliceous and auriferous box-work gossan zone and leached capping developed. Continued weathering activity culminated in supergene-copper-enrichment of a deeper lens.

Nevada Sunrise believes the density contrast between the upper gossan-leached capping and mafic (basaltic) volcanic host Havallah sequence could generate a gravity low similar to those detected by the survey. Further, the deeper copper-enriched massive sulfide lens at Big Mike, which was eventually mined out, would have produced a very strong EM anomaly located below the gravity low feature. A remarkably similar geophysical scenario has been identified at the Coronado anomalies. Nevertheless, an associated gravity high anomaly would be expected with the deeper supergene-enriched lens. However, such an anomaly could be too deep to detect or masked by the gravity low feature or a combination of both these conditions.

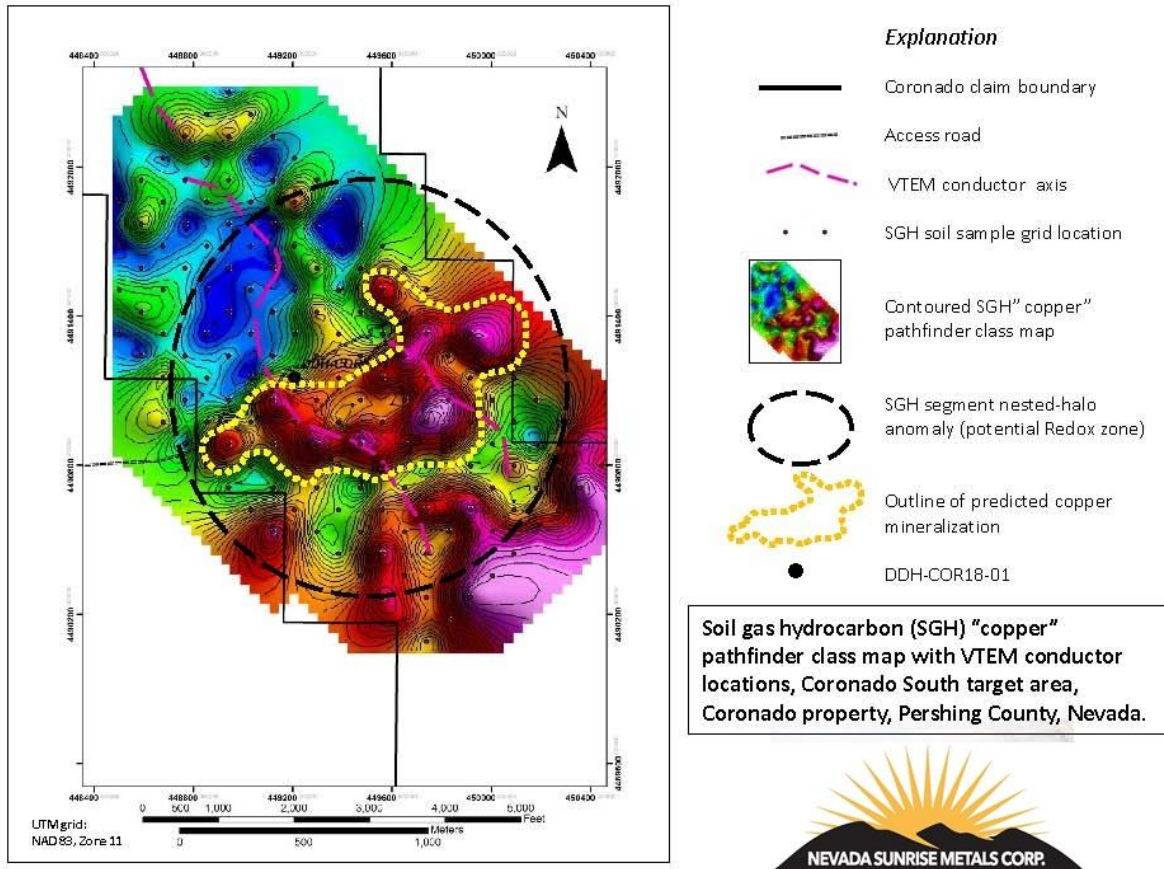
This weathering event may be in part recent, but it is more likely related to a protracted, late Permian paleo-weathering episode that affected the entire Havallah sequence. Paleo-weathering ended upon deposition of stratigraphically overlying Triassic volcanic formations. It would be reasonable to expect that any VMS deposit exposed along the paleo-weathering surface which developed over the Havallah sequence to exhibit such geophysical characteristics.

#### 2020 Exploration at Coronado

On August 6, 2020, Nevada Sunrise announced the commencement of a geochemical sampling program at Coronado.

Nevada Sunrise collected 162 soil samples from a grid established across the surface trace of the Coronado South conductor. Samples were submitted to Activation Laboratories Ltd. in Ancaster, Ontario for Soil Gas Hydrocarbon (“SGH”) analysis. This initial soil survey program represents the Company’s first test of the SGH process, which has been reported to detect buried sulphide mineralization at depths up to 500 metres.

The 2020 SGH results showed a classic “segment nested halo” geochemical anomaly, which indicates a high probability of related VMS mineralization. Nevada Sunrise commissioned an additional analytical study from Actlabs to focus on the specific SGH hydrocarbon signatures predicted to be associated with copper mineralization and received a positive result. The results from the 2020 SGH survey give confidence to the Company’s interpretation of the geological setting at Coronado, and were integrated into the target matrix for a diamond drilling program.



A drilling program at Coronado began in November 2020. Two diamond drill holes were collared at locations identified by the previous airborne VTEM™ geophysical survey as optimal for penetration of the interpreted conductor. A total of 250.76 metres (822.7 feet) was drilled in the two diamond core holes. Each of the drill holes encountered difficulty penetrating through the overburden and viscous clay layers, and the bedrock targets were not intersected.

**DDH-COR20-01** was drilled to 151.37 metres (496.6 feet), at which depth ground conditions made further advance impossible. The drill hole encountered a fault zone composed of clay gouge and breccia at 136.89 metres (449.1 feet). Drilling continued through this zone for 14.48 metres (47.5 feet) until the hole was abandoned. This fault zone intersection may represent an extension of the thrust fault encountered in the Company’s previously drilled hole DDH-COR18-01. Formations identified in the core indicate that surface colluvium and the upper part of the Havallah greenstone sequence are situated above the fault as in DDH-COR18-01.

**DDH-COR20-02** was drilled through the surface colluvium to a depth of 99.39 metres (326.1 feet), at which depth further advance was impeded by a viscous clay layer and the hole was abandoned. This viscous clay is either a layer within the surface colluvium or it may be associated with a fault gouge zone at this depth.

Nevada Sunrise intends to test the Coronado South conductor in a future drilling program with a combination of RC drilling and diamond drilling to penetrate the problematic layers of overburden and continue into bedrock to best intersect the strong VTEM™ airborne conductor detected by the Company in 2018.

*Robert M. Allender, Jr., CPG, RG, SME, a Qualified Person within the meaning of NI 43-101, has reviewed and approved the technical information contained in the MD&A on behalf of the Company for the Coronado VMS property. Readers are cautioned that some of the technical information presented is historical in nature; however, the information is deemed credible and was produced by professional geologists of the eras discussed. Mineralization located on adjacent properties by historical exploration may not be present on Coronado.*

## DISCUSSION OF OPERATIONS

### For the six months ended March 31, 2024

The Company recorded a loss of \$810,334 and a comprehensive loss of \$812,878 for the six months ended March 31, 2024 compared to a loss of \$2,155,734 and a comprehensive loss of \$2,183,317 for the six months ended March 31, 2023.

Expenses for the six months ended March 31, 2024 were \$783,482 compared to \$2,123,174 for the six months ended March 31, 2023.

Exploration and evaluation costs were \$127,125 for the six months ended March 31, 2024 compared to \$1,496,004 for the six months ended March 31, 2023 and were allocated as follows:

---

	March 31, 2024	March 31, 2023
Kinsley Mountain	\$ -	\$ 151,445
Gemini	125,935	1,342,628
Lovelock/Treasure Box	-	1,931
Coronado	1,190	-
	<u>\$ 127,125</u>	<u>\$ 1,496,004</u>

---

During the six months ended March 31, 2024, the Company completed engineering studies to produce a maiden resource estimate of 7.1 Million Tonnes LCE for Gemini and filed the corresponding NI 43-101 Technical Report. The Company also incurred expenses for metallurgical testing. During the six months ended March 31, 2023, the Company was in the midst of its Phase 2 drilling program at Gemini. Drilling began in October 2022 and continued until April 2023.

The Company elected to participate in the 2022 exploration program with Kinsley Gold LLC. During the six months ended March 31, 2023, the Company paid its proportionate share of the 2022 cash calls of US\$112,194 (CAD \$151,792) to maintain its 20.01% interest in Kinsley Gold LLC. The Company elected not to contribute to the 2023 exploration program at Kinsley Mountain and the Company's participating interest in Kinsley Gold LLC was reduced from 20.01% to 18.74% due to not participating in the 2023 exploration program.

Directors' fees were \$24,000 for the six months ended March 31, 2024 (2023 – \$41,500). The Company paid additional one-time directors' fees during the six months ended March 31, 2023.

Nevada Sunrise Metals Corporation – MD&A  
For the three and six months ended March 31, 2024

---

Management fees and salaries were \$63,586 for the six months ended March 31, 2024 compared to \$110,500 for the six months ended March 31, 2023. The decrease relates to one-time additional management fees paid to Rhodanthe Corporate Services, an entity controlled by Christina Boddy, Corporate Secretary, Warren Stanyer, CEO, and Jonathan Fung, CFO during the six months ended March 31, 2023. This was partially offset by the Company entering into a new employment agreement with Jonathan Fung as CFO at a salary of \$6,250 per month beginning in February 2024.

During the six months ended March 31, 2024, the Company incurred shareholder communications costs of \$94,650 compared to \$222,612 during the six months ended March 31, 2023. The majority of the decrease was due to additional investor awareness marketing campaigns during the six months ended March 31, 2023 and a decrease in the monthly expense for the new CEO.ca advertising package (which began in November 2023 at a cost of \$90,000 for a 12 month term) compared to the prior CEO.ca agreement (which began commenced in August 2022 at a cost of \$95,000 for a six-month term).

The Company had services provided by Resource Stock Digest for banner advertising as a website sponsor during the six months ended March 31, 2024 and 2023 and a featured company banner during the three months ended December 31, 2022. The Company paused its sponsorship of Resource Stock Digest effective April 1, 2024. In addition, the Company engaged 51 Media Ltd, and its principal, Jason Powell, as a corporate communications consultant beginning in March 2022. 51 Media Ltd. charged \$27,750 for corporate communications during the six months ended March 31, 2024 (2023 - \$31,750). The Company also has an agreement with Dig Media (Investing News Network) with an annual cost of \$20,000 until August 2024.

The Company granted 4,600,000 stock options to a directors, officers, and consultants and incurred share-based payments expense of \$323,520 during the six months ended March 31, 2024. During the six months ended March 31, 2023, the Company granted 300,000 stock options to a consultant of the Company, and incurred \$68,489 in share-based payments expense.

The Company recorded a foreign currency translation loss of \$2,544 for the six months ended March 31, 2024 compared to a foreign currency translation loss of \$27,583 for the six months ended March 31, 2023. At the end of each reporting period, the Company's translates its US subsidiary's account balances and transactions into Canadian dollars and reports a foreign currency translation adjustment. The translation adjustment can vary widely from period to period based on fluctuations in the Canadian dollar in relation to the US dollar.

For the three months ended March 31, 2024

The Company recorded a loss of \$207,371 and a comprehensive loss of \$170,199 for the three months ended March 31, 2024 compared to a loss of \$1,081,102 and a comprehensive loss of \$1,083,894 for the three months ended March 31, 2023.

Expenses for the three months ended March 31, 2024 were \$190,935 compared to \$1,097,144 for the three months ended March 31, 2023.

The majority of the decrease in expenses is due to exploration and evaluation costs being \$15,558 for the three months ended March 31, 2024 compared to \$852,457 for the three months ended March 31, 2023. During the three months ended March 31, 2024, the Company completed a maiden resource estimate of



7.1 Million Tonnes LCE on Gemini and filed the corresponding NI 43-101 Technical Report. During the three months ended March 31, 2023, the Company was in the midst of its Phase 2 drilling program at Gemini. Drilling began in October 2022 and continued until April 2023.

#### RECONCILIATION OF USE OF PROCEEDS

On September 15, 2023, the Company closed the first tranche of a private placement for gross proceeds of \$285,000. Proceeds of the private placement were to be used for:

- Completion of a National Instrument 43-101-compliant mineral resource estimate for the Gemini Lithium Project located in Esmeralda County, Nevada (“Gemini”);
- Initiation of a preliminary economic assessment (or “PEA”) following the release of a maiden mineral resource estimate for Gemini;
- Exploration work on the Company’s mineral properties;
- Other mineral property investigations, and general working capital.

Nevada Sunrise has entered into advertising and marketing agreements to raise awareness of the Company’s Nevada exploration and development activities with (1) CEO.ca Technologies Ltd. (“CEO.ca”) for a period of 12 months effective September 8, 2023 at a cost of \$90,000 before taxes, and (2) Investing News Network (“INN”) for a period of 12 months effective August 24, 2023 at a cost of \$20,000 before taxes. INN participated as a subscriber in the First Tranche of the Offering.

The following is a reconciliation of cash inflows since July 1, 2023, and the use of cash during the 3 months ended September 30, 2023.

Cash balance, July 1, 2023	\$	232,827
Proceeds from September 15, 2023 private placement		285,000
Share issuance costs paid in cash from September 15, 2023 private placement		(11,654)
Proceeds from the sale of marketable securities during the 3 months ended September 30, 2023		9,610
Beginning cash balance plus incoming cash	\$	515,783
Less ending cash balance, September 30, 2023		(221,845)
Total cash expenditures, during the 3 months ended September 30, 2023	\$	293,938

Nevada Sunrise Metals Corporation – MD&A  
For the three and six months ended March 31, 2024

Increase in prepaid expenses, including marketing agreements	\$ 133,140
Increase in payables	(137,425)
Increase in receivables	2,288
Increase in due to related parties	(89,680)
Accounting and audit	67,277
Consulting fees	20,857
Director's fees	12,000
Exploration and evaluation costs	46,827
Exploration and evaluation acquisition costs and claims maintenance	153,428
Foreign exchange	(33,062)
Insurance	20,251
Legal	4,623
Management fees and salaries	24,840
Office expenses	4,035
Reclamation cost	4,046
Rent	9,422
Shareholder communications	37,577
Transfer agent and filing fees	13,158
Travel and entertainment	336
<b>Total cash expenditures, during the 3 months ended September 30, 2023</b>	<b>\$ 293,938</b>

On October 26, 2023, the Company completed the second tranche of a private placement for gross proceeds of \$488,800. The following is a reconciliation of cash inflows since October 1, 2023, and the use of cash during the 6 months ended March 31, 2024.

Cash balance, October 1, 2023	\$ 221,845
Proceeds from October 26, 2023 private placement	488,800
Share issuance costs paid in cash from October 26, 2023 private placement	(15,009)
Interest income	3,130
Proceeds from return of reclamation bond	19,182
Proceeds from the sale of marketable securities during the 6 months ended March 31, 2024	44,917
<b>Beginning cash balance plus incoming cash</b>	<b>\$ 762,865</b>
<b>Less ending cash balance, March 31, 2024</b>	<b>(137,173)</b>
<b>Total cash expenditures, during the 6 months ended March 31, 2024</b>	<b>\$ 625,692</b>

Nevada Sunrise Metals Corporation – MD&A  
For the three and six months ended March 31, 2024

Decrease in prepaid expenses, including marketing agreements	\$ (63,726)
Decrease in payables	119,073
Decrease in due to related parties	81,088
Decrease in reclamation liability	4,066
Increase in receivables	18,065
Accounting and audit	36,880
Consulting fees	31,017
Director's fees	24,000
Exploration and evaluation expenses	127,125
Exploration and evaluation assets – acquisition costs	895
Exploration and evaluation assets – claims maintenance	6,465
Foreign exchange	903
Insurance	14,553
Legal	11,039
Management fees and salaries	63,586
Office expenses	6,136
Reclamation cost	2,948
Rent	19,033
Shareholder communications	94,650
Transfer agent and filing fees	24,472
Travel and entertainment	3,424
<b>Total cash expenditures during the 6 months ended March 31, 2024</b>	<b>\$ 625,692</b>

### SUMMARY OF QUARTERLY RESULTS

The figures for the quarters ended September 30, 2023 and 2022 are derived from the Company's audited annual consolidated financial statements. All other quarterly figures are derived from the Company's unaudited condensed consolidated interim financial statements.

	March 31, 2024 \$	December 31, 2023 \$	September 30, 2023 \$	June 30, 2023 \$
Revenues	Nil	Nil	Nil	Nil
Income (loss)	(207,371)	(602,963)	(207,812)	(367,296)
Comprehensive income (loss)	(170,199)	(642,679)	(246,316)	(343,562)
Basic and diluted loss per share	(0.00)	(0.01)	(0.00)	(0.00)

Nevada Sunrise Metals Corporation – MD&A  
For the three and six months ended March 31, 2024

	March 31, 2023 \$	December 31, 2022 \$	September 30, 2022 \$	June 30, 2022 \$
Revenues	Nil	Nil	Nil	Nil
Income (loss)	(1,081,100)	(1,074,634)	(364,773)	(595,635)
Comprehensive income (loss)	(1,083,892)	(1,099,425)	(271,468)	(573,832)
Basic and diluted loss per share	(0.01)	(0.01)	(0.00)	(0.01)

During the three months ended March 31, 2024, ABH Engineering Inc. completed the work to produce a NI 43-101-compliant technical report for Gemini. The Company changed its general liability insurance provider which resulted in higher insurance costs for the three months ended March 31, 2024, but will result in net savings over the next year. CFO costs relating to Jonathan Fung were classified as management fees and salaries instead of in accounting and audit expense effective February 1, 2024. Other than the Gemini Mineral Resource Estimate work, the Company had minimal activity in an effort to conserve cash.

During the three months ended December 31, 2023, ABH Engineering Inc. continued work to produce a NI 43-101-compliant technical report for Gemini. In addition, the Company issued 4,600,000 stock options to directors, officers, and consultants resulting in share-based payments expense of \$314,515. The Company also incurred higher audit costs for the annual audit of its September 30, 2023 year end financial statements. In addition, the Company incurred expenses related to the marketing agreements with Investor News Network and CEO.ca.

During the three months ended September 30, 2023, the Company completed the sale of Lovelock/Treasure Box property and recognized a gain of \$143,293. Expenses for the three months ended September 30, 2023 decreased compared to the quarter ended June 30, 2023. There was a decrease in exploration and evaluation costs from \$127,926 in the three months ended June 30, 2023, to \$46,827 during the three months ended September 30, 2023 as the Company completed the Gemini Phase 2 drilling program in April 2023. Due to delays in exploring the Jackson Wash property, the Company wrote-off Jackson Wash exploration and evaluation assets of \$124,961. During the three months ended September 30, 2023, the Company was in the process of engineering studies to produce a NI 43-101-compliant technical report for its Gemini Lithium Project. There was a loss on marketable securities totaling \$24,815 for the three months ended September 30, 2023, compared to a loss of \$6,421 for the previous quarter due to the share price movement of Global Energy Metals Corporation. There was an increase of \$49,348 in accounting and audit expenses as the Company accrued fees related to the fiscal 2023 year end audit.

Expenses for the three months ended June 30, 2023 decreased compared to the quarter ended March 31, 2023. There was a decrease in exploration and evaluation costs, from \$852,457 in the three months ended March 31, 2023 to \$127,926 during the three months ended June 30, 2023 as the Company completed the Gemini Phase 2 drilling program in April 2023. There was a \$63,247 decrease in shareholder communications costs as the CEO.ca advertising contract expired during the quarter ended June 30, 2023.

Expenses for the three months ended March 31, 2023 increased slightly compared to the quarter ended December 31, 2022. There was an increase in exploration and evaluation costs, from \$643,547 during the

three months ended December 31, 2022 to \$852,457 during the three months ended March 31, 2023 as the Company re-commenced Phase 2 drilling at Gemini in January 2023 after the holiday break. There was a decrease in share-based payment expense from \$68,489 during the three months ended December 31, 2022 to \$nil for the three months ended March 31, 2023. The Company did not grant any stock options during the three months ended March 31, 2023 compared to 300,000 stock options granted to a consultant of the Company during the three months ended December 31, 2022. The management fees for the three months ended March 31, 2023 decreased by \$60,927 compared to the quarter ended December 31, 2022 due to no additional one-time management fees incurred during the most recent quarter.

Expenses for the three months ended December 31, 2022 increased compared to the quarter ended September 30, 2022. There was an increase in exploration and evaluation cost, from \$73,868 during the three months ended September 30, 2022 to \$643,547 during the three months ended December 31, 2022 as the Company commenced Phase 2 drilling at Gemini in October 2022. The Company incurred share-based payments expense of \$68,489 during the three months ended December 31, 2022 as it granted 300,000 stock options to a consultant. There was an increase in management fees from \$24,000 during the three months ended September 30, 2022 to \$86,500 during the three months ended December 31, 2022 due to one-time additional management fees accrued to Rhodanthe Corporate Services, an entity controlled by Christina Boddy, Corporate Secretary, Warren Stanyer, CEO, and Jonathan Fung, CFO. The Company incurred shareholder communications costs of \$119,619 which included two investor awareness marketing campaigns which resulted in expenses of \$97,501.

Expenses for the three months ended September 30, 2022 decreased compared to the quarter ended June 30, 2022. There was a decrease in exploration and evaluation costs, from \$249,666 in the three months ended June 30, 2022 to \$73,868 in the three months ended September 30, 2022. During the three months ended June 30, 2022, the Phase 1 drilling at Gemini was completed and geophysical work was undertaken. There was a decrease in share-based payment expense from \$39,425 during the quarter ended June 30, 2022 to \$nil for the three months ended September 30, 2022 due to no options being granted during the period. The Company did not grant any stock options during the three months ended September 30, 2022 compared to 150,000 stock options granted to a consultant of the Company during the three months ended June 30, 2022. There was a gain on marketable securities totaling \$12,822 for the three months ended September 30, 2022 compared to a loss of \$156,917 for the previous quarter due to the share price movement of Century Lithium Corp. These decreases in expenses were partially offset by higher accounting and audit costs during the quarter ended September 30, 2022 as the Company accrued fees related to the fiscal 2022 year end audit, and incurred higher shareholder communications costs during the quarter ended September 30, 2022 as the Company took steps to increase investor awareness after its discovery at the Gemini.

Expenses for the three months ended June 30, 2022 decreased compared to the quarter ended March 31, 2022 due to a decrease in share-based payment expense from \$85,193 during the quarter ended March 31, 2022 to \$39,425 due to fewer options being granted during the period. The Company granted 150,000 stock options to a consultant of the Company during the three months ended June 30, 2022 compared to 1,600,000 options granted to management, directors, and consultants during the quarter ended March 31, 2022. Various Black-Scholes option pricing model inputs changed during the most recent completed quarter, including the risk-free interest rate. There was a decrease in the loss on marketable securities totaling \$156,917 for the three months ended June 30, 2022 compared to a loss of \$274,544 for the previous quarter due to the share price movement of Century Lithium Corp. In addition, expenses during



the quarter ended March 31, 2022 included additional management and directors’ fees. This was partially offset by higher shareholder communications costs during the quarter ended June 30, 2022 as the Company took steps to increase investor awareness after its discovery at the Gemini Lithium Project and engaged a corporate communications consultant in March 2022.

## LIQUIDITY AND CAPITAL RESOURCES

The Company has financed its operations and mineral property exploration and evaluation programs to date primarily through the issuance of common shares. The Company continues to seek capital through various means including the issuance of equity, debt financing and the sale or joint venture of its assets.

The Company estimates that the administration of its corporate affairs will cost approximately \$600,000 for the year ended September 30, 2024.

As at March 31, 2024, the Company had working capital of \$222,020. The Company had cash of \$137,173 and marketable securities of \$45,868. The Company will need to seek additional capital as described above to continue the exploration of its mineral properties and for its administrative expenses.

On September 15, 2023, the Company closed the first tranche of a private placement and issued 3,562,500 units at a price of \$0.08 per unit for gross proceeds of \$285,000. Each unit contained one common share and one common share purchase warrant entitling the holder to purchase an additional common share at \$0.12 until September 15, 2025. The expiry date of these warrants were later extended until September 15, 2027. The Company paid share issuance costs of \$11,654 and issued 66,500 special finder’s warrants entitling the holder to purchase one common share and one warrant at a price of \$0.08, with each warrant entitling the holder to purchase one common share at a price of \$0.12 until September 15, 2025.

On October 26, 2023, the Company closed the final tranche of the private placement and issued 6,110,000 units at a price of \$0.08 per unit for gross proceeds of \$488,800. A total of 9,672,500 units were sold in the two tranches of the private placement for gross proceeds of \$773,800. Each unit contained one common share and one common share purchase warrant, and each warrant entitles the holder to purchase an additional common share at a price of \$0.12 until October 26, 2025. The expiry date of these warrants were subsequently extended until October 26, 2027. The Company issued 40,600 special finder’s warrants, each entitling the holder to purchase one common share and one warrant at a price of \$0.08. Each warrant entitles the holder to purchase one common share at a price of \$0.12 until October 26, 2025.

The Company’s cash is highly liquid and held at financial institutions believed to be credit worthy.

<b>Increase (Decrease) in cash for the six months ended,</b>				
		<b>March 31, 2024</b>		<b>March 31, 2023</b>
Operating Activities	\$	(615,398)	\$	(1,577,233)
Investing Activities		56,739		134,591
Financing Activities		473,791		311,333
Effect of foreign exchange on cash		196		(5,541)
Total Change in Cash		(84,672)		(1,136,850)
Cash, Beginning of the period		221,845		2,051,791
Cash, End of the period	\$	137,173	\$	914,941

### ***Operating Activities***

During the six months ended March 31, 2024, cash used in operating activities primarily consisted of the work performed by ABH Engineering Inc. to produce a NI 43-101-compliant technical report and paying certain accounts payable and the balances due to related parties. The \$961,835 decrease in the use of cash for operating activities for the six months ended March 31, 2024 is mainly attributable to lower exploration costs of \$127,125 incurred in the current period compared to \$1,496,004 during the three months ended March 31, 2023. During the six months ended March 31, 2023, the Company had commenced the Phase 2 drilling program at Gemini and paid a cash call for the exploration costs at the Kinsley Mountain property.

### ***Investing Activities***

Cash from investing activities for the six months ended March 31, 2024 included the net proceeds of \$44,917 from the sale of marketable securities and \$19,182 from the return of the Jackson Wash reclamation bond, partially off-set by \$6,465 attributable to claims maintenance and \$895 in acquisition costs related to the exploration properties. During the six months ended March 31, 2023, investing activities included the net proceeds of \$149,187 from the sale of marketable securities, partially off-set by \$13,702 attributable to claims maintenance and \$894 for property acquisition costs paid.

### ***Financing Activities***

Cash from financing activities for the six months ended March 31, 2024 included gross proceeds of \$488,800 from the second tranche of private placement, less share issuance costs paid in cash of \$15,009. Cash from financing activities for the six months ended March 31, 2023 included gross proceeds of \$192,335 from the exercise of warrants and \$122,100 from exercise of options, less the share issuance costs of \$3,102.

### ***Going Concern***

The Company's condensed consolidated interim financial statements are prepared on a going concern basis which assumes that the Company will be able to realize its assets and discharge its liabilities in the normal course of business for the foreseeable future. The continuing operations of the Company are dependent upon its ability to obtain the necessary financing to meet its ongoing commitments and further its exploration programs. The continued uncertainty in the capital markets, especially as it relates to the speculative junior mining industry may make it difficult to raise capital through the private placement of shares. While the Company is using its best efforts to achieve its business plans by examining various financing alternatives, there is no assurance that the Company will be successful with any financing ventures.

### ***Commitments – Kinsley Gold LLC***

The Company's gold property interests are acquired by way of lease agreements with ongoing cash obligations.

The Kinsley Gold LLC joint venture company has an annual minimum exploration commitment of US\$500,000 per year.

The Company elected to participate in the 2021 and 2022 exploration programs. During the year ended September 30, 2023, the Company paid a total of US \$112,194 (CAD \$152,339) as part of the Company's proportionate share of the 2022 cash calls of which US \$44,022 (CAD\$59,761) was paid for the Company's proportionate share of the 2022 Royalty Payments. During the year ended September 30, 2022, the Company paid a total of US\$88,264 (CAD\$112,716) as part of the Company's proportionate share of the 2021 cash calls. During the year ended September 30, 2023, the Company paid its proportionate share of the 2022 cash calls of US\$112,194 (CAD \$152,339) to maintain its 20.01% interest in Kinsley Gold LLC.

The Company elected not to contribute to the 2023 exploration program at Kinsley Mountain and the Company's interest in Kinsley Gold LLC was reduced from 20.01% to 18.74%.

### **Commitments – Coronado**

To acquire a 100% interest in the Coronado VMS property, the Company must make cash payments and exploration expenditures. Please refer to the "Coronado Option Agreement" section of this MD&A on pages 41 – 43 for details.

### **OFF-BALANCE SHEET ARRANGEMENTS**

Refer to commitments above. The Company has no other off-balance sheet arrangements to report.

### **TRANSACTIONS BETWEEN RELATED PARTIES**

The Company has determined that its key management personnel consist of its Chief Executive Officer, Chief Financial Officer, Corporate Secretary and Board of Directors. Remuneration attributed to key management personnel or companies controlled by key management personnel during the six months ended March 31, 2024 and 2023 is summarized as follows:

	2024	2023
Directors' fees	\$ 24,000	\$ 41,500
Management fees and salaries	60,510	110,500
Share issuance costs	3,000	3,000
Share-based payments	195,654	-
	<u>\$ 283,164</u>	<u>\$ 155,000</u>

As at March 31, 2024, the directors of the Company are Warren Stanyer, Cory Kent, Michael Sweatman, Suraj Ahuja and Charles Roy. The officers of the Company are Warren Stanyer, President and CEO, Jonathan Fung, CFO, and Christina Boddy, Corporate Secretary. Jonathan Fung was appointed CFO on January 22, 2021.

Warren Stanyer is paid \$5,000 per month. Beginning in February 2024, Jonathan Fung is paid \$6,250 per month. Rhodanthe Corporate Services, a corporation controlled by Christina Boddy, charged management fees of \$3,000 per month. In addition, \$3,000 was paid to Rhodanthe Corporate Services during the six months ended March 31, 2024 and 2023 for share issuance costs relating to work on the 2023 private placement and processing warrants and options in 2022. During the six months ended March 31, 2023, the Company accrued additional one-time management fees and bonuses of \$50,000 for Warren Stanyer,

Nevada Sunrise Metals Corporation – MD&A  
For the three and six months ended March 31, 2024

---

\$7,500 for Jonathan Fung, and \$5,000 for Rhodanthe Corporate Services. In total, \$30,000 (2023 - \$80,000) was paid or accrued to Warren Stanyer, \$12,510 (2023 - \$7,500) was paid or accrued to Jonathan Fung, and \$18,000 (2023 - \$23,000) was paid or accrued to Rhodanthe Corporate Services, during the six months ended March 31, 2024.

Michael Sweatman receives director's fees of \$1,500 per month, and Suraj Ahuja and Charles Roy each receives director's fees of \$1,250 per month. During the six months ended March 31, 2023, the Company accrued additional one-time directors' fees of \$7,500 to Michael Sweatman, and \$5,000 to each of Charles Roy and Suraj Ahuja. In total, during the six months ended March 31, 2024, \$9,000 (2023 – \$16,500) was paid or accrued to Michael Sweatman, \$7,500 (2023 – \$12,500) was paid or accrued to Charles Roy, and \$7,500 (2023 – \$12,500) was paid or accrued to Suraj Ahuja.

The Company incurred other charges with related parties as follows:

---

	2024	2023
Legal	\$ 3,269	\$ 5,515
Rent	19,033	18,531
	<u>\$ 22,302</u>	<u>\$ 24,046</u>

---

During the six months ended March 31, 2024, the Company incurred legal fees of \$3,269 (2023 - \$5,515) to McMillan LLP in which Cory Kent is a partner.

During the six months ended March 31, 2024, the Company incurred rental fees of \$19,033 (2023 - \$18,531) to ALX Resources Corp. a public company with a director and officers in common (Warren Stanyer and Christina Boddy).

At March 31, 2024, prepaid expenses and deposits include \$5,000 paid to ALX Resources Corp., a public company with a director and officers in common, (Warren Stanyer and Christina Boddy), as a rent deposit (September 30, 2023 - \$5,000).

At March 31, 2024, due to related parties includes \$7,270 (September 30, 2023 - \$7,034) payable to ALX Resources Corp., a public company with a director and officers in common, (Warren Stanyer and Christina Boddy).

At March 31, 2024, due to related parties includes \$Nil (September 30, 2023 - \$69,847) payable to Warren Stanyer for expense reimbursements.

At March 31, 2024, due to related parties includes \$5,444 (September 30, 2023 – \$10,369) payable to McMillan LLP in which Cory Kent is a partner for legal fees.

At March 31, 2024, due from related parties includes \$1,338 (September 30, 2023 - \$1,338) owed by Cory Kent for payroll taxes.

At March 31, 2024, due to related parties includes \$Nil (September 30, 2023 - \$2,551) payable to Jonathan Fung for expense reimbursements.

At March 31, 2024, due to related parties includes \$1,500 (September 30, 2023 - \$3,000) payable to Micheal Sweatman, \$1,250 (September 30, 2022 - \$2,500) payable to Suraj Ahuja, and \$1,250 (September 30, 2022 - \$2,500) payable to Suraj Ahuja for director's fees.

## **PROPOSED TRANSACTIONS**

In the normal course of business, the Company evaluates property acquisition transactions and, in some cases, makes proposals to acquire such properties. These proposals, which are usually subject to board, regulatory and sometimes shareholder approvals, may involve future payments, share issuances, and property work commitments. These future obligations are usually contingent in nature and generally the Company is only required to incur the obligation if it wishes to continue with the transaction. As of the date of this report, the Company has possible transactions that it is examining. Management is uncertain whether any of these proposals will ultimately be completed.

## **CRITICAL ACCOUNTING ESTIMATES AND JUDGMENTS**

### *Critical Judgments*

Preparation of the consolidated financial statements requires the Company to make judgments regarding the going concern of the Company as discussed above.

- i) The functional currency of an entity is the currency of the primary economic environment in which an entity operates. The determination of an entity's functional currency requires judgment based on analysis of relevant criteria. The functional currency of the Company and its subsidiaries was determined by conducting an analysis of the consideration factors identified in IAS 21, *The Effects of Changes in Foreign Exchange Rates* ("IAS 21").
- ii) The Company has assessed that its interest in Kinsley Gold LLC is a joint operation under IFRS 11 *Joint Arrangements* and requires significant judgement based on analysis of relevant criteria.
- iii) Management is required to assess impairment in respect to the Company's intangible mineral property interests. The triggering events are defined in IFRS 6. In making the assessment, management is required to make judgments on the status of each project and the future plans towards finding commercial reserves. The carrying value of each exploration and evaluation asset is reviewed regularly for conditions that may suggest impairment. This review requires significant judgment. Factors considered in the assessment of asset impairment include, but are not limited to, whether there has been a significant adverse change in the legal, regulatory, accessibility, title, environmental or political factors that could affect the property's value; whether there has been an accumulation of costs significantly in excess of the amounts originally expected for the property's acquisition, development or cost of holding; and whether exploration activities produced results that are not promising such that no more work is being planned in the foreseeable future. If impairment is determined to exist, a formal estimate of the recoverable amount is performed and an impairment loss is recognized to the extent that the carrying amount exceeds the recoverable amount. Management has determined that there were indicators of impairment for the Jackson Wash



property as at September 30, 2023 and December 31, 2023 and the property was written down to its recoverable amount of \$Nil.

- iv) The Company's ability to execute its strategy by funding future working capital requirements requires judgment. Estimates and assumptions are continually evaluated and are based on historical experience and other factors, such as expectations of future events that are believed to be reasonable under the circumstances. The factors considered by management are disclosed in Note 2 of the September 30, 2023 consolidated financial statements.

#### *Estimations and assumptions*

Significant assumptions about the future and other sources of estimation uncertainty that management has made at the end of the reporting period, that could result in a material adjustment to the carrying amounts of assets and liabilities in the event that actual results differ from assumptions made, relate to, but are not limited to, the following:

- i) *Exploration and Evaluation Assets*

The carrying amount of the Company's exploration and evaluation assets properties does not necessarily represent present or future values, and the Company's exploration and evaluation assets have been accounted for under the assumption that the carrying amount will be recoverable. Recoverability is dependent on various factors, including the discovery of economically recoverable reserves, the ability of the Company to obtain the necessary financing to complete the development and upon future profitable production or proceeds from the disposition of the mineral properties themselves. Additionally, there are numerous geological, economic, environmental and regulatory factors and uncertainties that could impact management's assessment as to the overall viability of its properties or to the ability to generate future cash flows necessary to cover or exceed the carrying value of the Company's exploration and evaluation assets.

- ii) *Reclamation liability*

The valuation of any reclamation liability is subject to significant judgement and estimates. Assumptions, based on the current economic environment, are made to estimate the future liability. These estimates take into account any material changes to the assumptions that occur when reviewed regularly by management and are based on current regulatory requirements. Significant changes in estimates of discount rate, contamination, restoration standards and techniques will result in changes to the liability from period to period. Actual reclamation and closure costs will ultimately depend on future market prices for the costs which will reflect the market condition at the time the expenditures are actually incurred. The final cost of the reclamation liability currently recognized may be higher or lower than currently provided for.

- iii) *Share-based Payments*

The estimation of share-based payments includes estimating the inputs used in calculating the fair value for share-based payments expense included in profit or loss and share-based share issuance costs included in equity. Share-based payments expense and share-based share issuance costs are estimated using the Black-Scholes options-pricing model as measured on the grant date

to estimate the fair value of stock options. This model involves the input of highly subjective assumptions, including the expected price volatility of the Company's common shares, the expected life of the options, and the estimated forfeiture rate.

*iv) Income Taxes*

The estimation of income taxes includes evaluating the recoverability of deferred tax assets based on an assessment of the Company's ability to utilize the underlying future tax deductions against future taxable income prior to expiry of those deductions. Management assesses whether it is probable that some or all of the deferred income tax assets will not be realized. The ultimate realization of deferred tax assets is dependent upon the generation of future taxable income, which in turn is dependent upon the successful discovery, extraction, development and commercialization of mineral reserves. To the extent that management's assessment of the Company's ability to utilize future tax deductions changes, the Company would be required to recognize more or fewer deferred tax assets, and future income tax provisions or recoveries could be affected.

## **CHANGES IN ACCOUNTING POLICIES INCLUDING INITIAL ADOPTION**

The Company's significant accounting policies are disclosed in Note 3 to its audited annual consolidated financial statements for the years ended September 30, 2023 and 2022.

There were no changes in the Company's significant accounting policies during the six months ended March 31, 2024.

### ***New Standards and Interpretations Adopted***

New standards adopted by the Company during the six months ended March 31, 2024 are as follows:

#### **Amendments to IAS 1 – Classification of Liabilities as Current or Non-current**

The amendments to IAS 1 affect only the presentation of liabilities as current or non-current in the consolidated statements of financial position and not the amount or timing of recognition of any asset, liability, income, or expenses, or the information disclosed about those items.

The amendments clarify that the classification of liabilities as current or non-current is based on rights that are in existence at the end of the reporting period, specify that classification is unaffected by expectations about whether an entity will exercise its right to defer settlement of a liability, explain that rights are in existence if covenants are complied with at the end of the reporting period, and introduce a definition of "settlement" to make clear that settlement refers to the transfer to the counterparty of cash, equity instruments, other assets, or services.

The amendments are applied retrospectively for annual periods beginning on or after January 1, 2023, with early application permitted.

Amendments to IAS 1 – Presentation of Financial Statements and IFRS Practice Statement 2 Making Materiality Judgements – Disclosure of Accounting Policies

The amendments change the requirements in IAS 1 with regard to disclosure of accounting policies. The amendments replace all instances of the term ‘significant accounting policies’ with ‘material accounting policy information’. Accounting policy information is material if, when considered together with other information included in an entity’s financial statements, it can reasonably be expected to influence decisions that the primary users of general purpose financial statements make on the basis of those financial statements.

The supporting paragraphs in IAS 1 are also amended to clarify that accounting policy information that relates to immaterial transactions, other events or conditions is immaterial and need not be disclosed. Accounting policy information may be material because of the nature of the related transactions, other events or conditions, even if the amounts are immaterial. However, not all accounting policy information relating to material transactions, other events or conditions is itself material.

The IASB’s amendments also developed guidance and examples to explain and demonstrate the application of the ‘four-step materiality process’ described in IFRS Practice Statement 2.

The amendments to IAS 1 are effective for annual periods beginning on or after January 1, 2023, with earlier application permitted and are applied prospectively. The amendments to IFRS Practice Statement 2 do not contain an effective date or transition requirements.

## **FINANCIAL INSTRUMENTS AND OTHER INSTRUMENTS**

The Company’s risk exposures and the impact on its financial instruments are summarized below:

### Credit risk

The Company is subject to credit risk on its cash and receivables. The Company limits its exposure to credit loss on cash by placing its cash with credit worthy financial institutions. The Company’s receivables consist of goods and services tax receivable from the Government of Canada, exploration expenses incurred on behalf of third parties, and other receivables.

Management believes that credit risk concentration with respect to receivables is minimal. The composition of receivables is as follows:

	March 31, 2024	September 30, 2023
Goods and services tax receivable	\$ 36,620	\$ 25,027
Other receivables	32,722	4,310
Allowance for doubtful receivables	(4,331)	(4,310)
	<u>\$ 65,011</u>	<u>\$ 25,027</u>

### Liquidity risk

The Company's approach to managing liquidity risk is to ensure that it will have sufficient liquidity to meet liabilities when due. Management intends to obtain additional equity or loan financing and/or dispose of its marketable securities or other assets in order to meet its current liabilities as they become due. As at March 31, 2024, the Company had cash of \$137,173 to settle current liabilities of \$118,128. See Liquidity and Capital Resources section of this MD&A.

### Market risk

Market risk is the risk of loss that may arise from changes in market factors such as interest rates, foreign exchange rates, and commodity and equity prices.

#### a) Interest rate risk

The Company has cash balances which are not subject to significant risks in fluctuating interest rates. The Company's policy is to invest excess cash in investment-grade short-term deposit certificates issued by its banking institutions. The Company monitors the investments it makes and is satisfied with the credit ratings of its banks. An increase to interest rates by 1% would have an insignificant effect on the Company's operations.

#### b) Foreign currency risk

Currency risk is the risk that the fair values or future cash flows of the Company's financial instruments will fluctuate because of changes in foreign currency exchange rates. The Company's currency risk primarily arises from financial instruments denominated in US dollars that are held at the parent company level, as the functional currency of the parent company is Canadian dollars. Conversely for the Company's subsidiary who has a US dollar functional currency, currency risk primarily arises from financial instruments denominated in Canadian dollars that are held at the subsidiary company level.

The Company is exposed to foreign currency risk on fluctuations related to cash and cash equivalents and accounts payable and accrued liabilities that are denominated in US dollars.

The Company operates in the United States and is exposed to exchange risk from changes in the US dollar.

At March 31, 2024, a 10% fluctuation in the US dollar against the Canadian dollar would affect profit and loss by approximately \$3,000.

#### c) Price risk

The Company is exposed to price risk with respect to commodity and equity prices. Equity price risk is defined as the potential adverse impact on the Company's earnings, or ability to obtain equity financing, due to movements in individual equity prices or general movements in the level of the stock market. The Company's marketable securities are subject to price risk. Commodity price risk is defined as the potential adverse impact on earnings and economic value due to commodity price movements and volatilities. The Company closely monitors commodity prices of gold, lithium, copper, individual equity movements, and the stock market to determine the appropriate course of action to be taken by the Company.

At March 31, 2024, a 10% fluctuation in the fair value of the Company’s marketable securities would affect comprehensive income or loss by \$5,000.

**FAIR VALUE HIERARCHY**

Financial instruments measured at fair value are classified into one of three levels in the fair value hierarchy according to the relative reliability of the inputs used to estimate the fair values. The three levels of the fair value hierarchy are:

- Level 1 – Unadjusted quoted prices in active markets for identical assets or liabilities;
- Level 2 – Inputs other than quoted prices that are observable for the asset or liability either directly or indirectly; and
- Level 3 – Inputs that are not based on observable market data.

The fair values of the Company’s receivables, accounts payable and accrued liabilities and due to related parties approximate their carrying values because of the short-term nature of these instruments. The fair value of the Company’s reclamation bonds also approximate their carrying values.

The following table illustrates the classification of the Company’s financial instruments within the fair value hierarchy as at March 31, 2024 and September 30, 2023:

	Level 1	Level 2	Level 3
<b>March 31, 2024:</b>			
Cash	\$ 137,173	\$ -	\$ -
Marketable securities	\$ 45,868	\$ -	\$ -
<b>September 30, 2023:</b>			
Cash	\$ 221,845	\$ -	\$ -
Marketable securities	\$ 119,950	\$ -	\$ -

**OUTSTANDING SHARE DATA**

*Number of issued and outstanding common shares at the date of this MD&A:* 110,256,876

Options

As of the date of this MD&A, there were 9,450,000 stock options outstanding entitling the holders thereof the right to purchase one common share for each option held as follows:



Nevada Sunrise Metals Corporation – MD&A  
For the three and six months ended March 31, 2024

Number of Shares	Exercise Price	Expiry Date
2,300,000	\$0.125	March 3, 2026
500,000	\$0.125	March 9, 2026
1,600,000	\$0.06	January 20, 2027
150,000	\$0.29	June 7, 2027
300,000	\$0.25	November 14, 2027
4,400,000	\$0.08	November 22, 2028
200,000	\$0.08	December 5, 2028

Warrants

As of the date of this MD&A, there were 17,172,500 share purchase warrants outstanding entitling the holders thereof the right to purchase one common share for each warrant held as follows:

Number of Warrants	Exercise Price	Expiry Date
7,500,000	\$0.205	June 29, 2026
3,562,500	\$0.12	September 15, 2027
6,110,000	\$0.12	October 26, 2027

Special Finder's Warrants

As of the date of this MD&A, there were 107,100 special finder's warrants outstanding entitling the holders to purchase one common share and one warrant at a price of \$0.08, with each warrant entitling the holder to purchase one common share at a price of \$0.12 before the same expiry date as the special finder's warrant.

Number of Special Finder's Warrants	Exercise Price	Expiry Date
66,500	\$0.08	September 15, 2025
40,600	\$0.08	October 26, 2025

Finder's Warrants

As of the date of this MD&A, there were 139,825 finder's warrants outstanding entitling the holders thereof the right to purchase one common share for each warrant held as follows:

Number of Warrants	Exercise Price	Expiry Date
139,825	\$0.20	June 29, 2024

### **ADDITIONAL DISCLOSURE FOR VENTURE ISSUERS WITHOUT SIGNIFICANT REVENUE**

During the six months ended March 31, 2024 and 2023, the Company incurred the following expenditures:

		<b>2024</b>		<b>2023</b>
Capitalized acquisition costs	\$	78,882	\$	14,596
Operating expenses		783,482		2,123,174
	\$	862,364	\$	2,137,770

Please refer to Note 7 of our condensed consolidated interim financial statements for the six months ended March 31, 2024 for a detailed description of the capitalized costs presented on a property by property basis.

### **Environmental, Social and Governance ("ES&G")**

The Board of Directors has noted the increased emphasis of stakeholders and regulators on addressing matters related to ES&G.

These matters are having an impact on how companies are perceived by investors, the communities in which they operate and regulators. For example, the securities regulators in Canada have issued a proposed National Instrument 51-107 which will require issuers in the future to publish a number of climate related disclosures.

As a result, the Board of Directors is contemplating the following over the next year:

- To review the proposed regulatory disclosures to ensure that the Company is ready to commence disclosing once these are required and to do this sooner if practical.
- That the Company review its practices and policies as it relates to Environment, Social and Governance matters and to set goals and report in future on the progress towards meeting those goals.
- That the Board is contemplating preparing and adopting an ESG policy for publication in the September 30, 2024 year end MD&A and in the information circular which would accompany materials for the 2025 AGM.

### **DISCLOSURE CONTROLS AND PROCEDURES AND INTERNAL CONTROL OVER FINANCIAL REPORTING**

As defined in National Instrument 52-109 Certification of Disclosure in Issuers' Annual and Interim Filings, disclosure controls and procedures ("DC&P") require that controls and other procedures be designed to provide reasonable assurance that material information required to be disclosed is duly gathered and reported to senior management in order to permit timely decisions and timely and accurate public disclosure.

Management is responsible for the establishment and maintenance of a system of internal control over financial reporting ("ICFR"). This system has been designed to provide reasonable assurance that assets are safeguarded and that the financial reporting is accurate and reliable. The condensed consolidated interim financial statements for the six months ended March 31, 2024 and 2023 have been prepared by management in accordance with IFRS and in accordance with accounting policies set out therein.

Any system of internal control over financial reporting, no matter how well designed, has inherent limitations. Therefore, even those systems determined to be effective can provide only reasonable assurance with respect to financial statement preparation and presentation. There are inherent limitations in all control systems and no disclosure controls and procedures can provide complete assurance that no future errors or fraud will occur. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, they cannot provide absolute assurance that all control issues and instances of fraud, if any, within the Company have been prevented or detected. These inherent limitations include the realities that judgments in decision-making can be faulty, and that breakdowns can occur because of simple error or mistake. Additionally, controls can be circumvented by the individual acts of some persons, by collusion of two or more people, or by unauthorized override of the control. Accordingly, because of the inherent limitations in a cost-effective control system, misstatements due to error or fraud may occur and not be detected.

As a Venture Issuer, the Company is not required to certify the design and evaluation of the issuer's DC&P and ICFR and has not completed such an evaluation; and there are inherent limitations on the ability of Management to design and implement on a cost-effective basis DC&P and ICFR for the Company which may result in additional risks to the quality, reliability, transparency and timeliness of interim and annual filings and other reports required under securities legislation.

## **RISKS AND UNCERTAINTIES**

In addition to the risks and uncertainties outlined earlier in this management discussion, the Company is also subject to other risks and uncertainties including the following:

### *General Risk Associated with the Mining Industry*

The business of mineral deposit exploration and extraction involves a high degree of risk. Few properties that are explored ultimately become producing mines. At present, none of the Company's properties has a known commercial ore deposit. The main operating risks include: securing adequate funding to maintain and advance exploration properties; ensuring ownership of and access to mineral properties by confirmation that claims and leases are in good standing and obtaining permits for drilling and other exploration activities. The market prices for gold and other metals can be volatile and there is no assurance that a profitable market will exist for a production decision to be made or for the ultimate sale of the metals even if commercial quantities of precious and other metals are discovered.

Exploration and development activities involve risks which careful evaluation, experience and knowledge may not, in some cases eliminate. The commercial viability of any mineral deposit depends on many factors not all of which are within the control of management. Some of the factors that affect the financial viability of a given mineral deposit include its size, grade and proximity to infrastructure, government regulation, taxes, royalties, land tenure, land use, environmental protection and reclamation and closure obligations, have an impact on the economic viability of a mineral deposit. Management attempts to mitigate its exploration risk by maintaining a diversified portfolio of properties and a strategy of possible joint ventures with other companies which balances risk while at the same time allowing properties to be advanced.

Dependence on Key Personnel

Loss of certain members of the executive team or key operational leaders of the company could have a disruptive effect on the implementation of the Company's business strategy and the efficient running of day-to-day operations until their replacement is found. Recruiting personnel is time consuming and expensive and the competition for professionals are intense. The Company may be unable to retain its key employees or attract, assimilate, retain or train other necessary qualified employees, which may restrict its growth potential.

Option or Lease Agreements

The Company is currently earning some of its interests in its mineral properties through option or lease agreements and acquisition of title to the property is only completed when the option or lease conditions have been met. These conditions generally include making property payments and incurring exploration expenditures on the properties and can include the completion of pre-feasibility studies. If the Company does not satisfactorily complete its option conditions in the time frame laid out in the option agreement, the Company's title to the mineral property will not vest and the Company will have to write-down the previously capitalized costs related to that property.

Other

The Company's operations are subject to a number of other risks and other uncertainties, including risks related to the Company's foreign operations, government, and environmental and other regulations. There are currently significant uncertainties in the capital markets impacting the availability of equity financing for the purposes of mineral exploration and development. There are also significant uncertainties relating to the global economy, political uncertainties, and increasing geopolitical risk and may impact our ability to remain a going concern.