Nevada Sunrise Intersects 929.8 ppm Lithium over 1,130 feet at the Gemini Lithium Project, Nevada

07.02.2023 | CNW

VANCOUVER, Feb. 7, 2023 - Nevada Sunrise Metals Corp. ("Nevada Sunrise", or the "Company") (TSXV: NEV) (OTC NVSGF) is pleased to announce that the Company has received final geochemical analyses for lithium mineralization i sediments and groundwater collected from borehole GEM22-03, drilled at its 100%-owned Gemini Lithium Project ("Ge located in the Lida Valley basin in Esmeralda County, Nevada. Drilling of borehole GEM22-03 began on October 18, 20 was completed to a depth of 1,620 feet (493.90 metres) on December 16, 2022.

Highlights of GEM22-03

- Borehole GEM22-03 intersected 929.80 parts per million ("ppm") lithium-in-sediment over 1,130 feet from 280 fee metres) to 1,410 feet (344.51 metres), including 1,342.20 ppm lithium over 350 feet (106.71 metres) and 1,955 pp lithium over 30 feet (9.15 metres) (see Table 1 below for greater detail on mineralized intervals);
- GEM22-03 was completed at a location approximately 0.47 miles (0.76 kilometres) north of GEM22-01 and 1.14 (1.83 kilometres) north of GEM22-02, thereby successfully extending the lithium mineralized zone to the north.
- Groundwater sample analyses showed anomalous concentrations of lithium in groundwater flows intersected with hole, including two significant intervals of 120 milligrams/litre lithium ("mg/L") in a water flow of 14.22 gallons per ("gpm") from 1,100 to 1,120 feet (335.37 to 341.46 metres), and 110 mg/L lithium in a water flow of 16.4 gpm fro to 1,220 feet (365.85 to 371.95 metres).

Table 1. Final Lithium-in-Sediment analytical results from borehole GEM22-03

Gemini Lithium Project - Borehole GEM22-03						
Depth Interval				Thickness		Lithium (Weighted average: ppm)
From (feet)	To (feet)	From (metres)	To (metres)	Feet	Metres	
280	1,410	85.37	429.88	1,130	344.51	929.80
including:						
280	630	85.37	192.07	350	106.71	1,342.20
including:						
400	430	121.95	131.10	30	9.15	1,856.94
and:						
470	500	143.29	152.44	30	9.15	1,955.73
and:						
560	600	170.73	182.93	40	12.20	1,543.79

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 sample for each sample interval. All depth measurements reported, including sample and interval widths are down-hole. As holes at Gemini are oriented vertic geologic stratigraphy is primarily horizontal to sub-horizontal, downhole measurements are assumed to be close to true thickness.

Nevada Sunrise interprets the lithium-in-water results in GEM22-03 as groundwater flows that are situated higher up in stratigraphy of the Gemini basin, and further north of the location of the stronger lithium-in-water results intersected in boreholes GEM22-01 and GEM22-02. Borehole GEM23-04 (in progress) has reached a depth of 1,900 feet as of Febru 2023 and is an example of the Company's plan to drill deeper holes in the southern part of Gemini with the goal of: (1) intersecting wide intervals of lithium-bearing sediments and (2) locating higher concentrations of lithium-in-water coinci

significant groundwater flow rates.

About the 2022-2023 Gemini Drilling Program

Nevada Sunrise drilled two reverse circulation ("RC") boreholes for a total of 2,020 feet (615.85 metres) in its maiden d program at Gemini in March and April 2022. The drill sites were located within a defined gravity low that hosts conducti detected by historical ground electromagnetic surveys. The results from the first two holes at Gemini represent a new d of lithium-bearing sediments and lithium-in-water in the western Lida Valley, which has not been historically drill tested lithium mineralization (see Nevada Sunrise news releases dated May 18, 2022 and June 6, 2022). Borehole GEM22-03 to 1,620 feet (493.9 metres) intersected the same sequence of volcanic ash sediments as was found in GEM22-01 and GEM22-02, and similar geologic formations are observed in borehole GEM23-04, still in progress.

In July 2022, Nevada Sunrise received a permit for an expanded drilling area from the Bureau of Land Management (th "BLM") and began Phase 2 drilling at Gemini in October 2022. Up to six boreholes are planned in Phase 2 for an estima total of 8,000 feet (2,439 metres) of drilling.

For further information on Gemini, including drill hole location maps and photos click here

About Gemini

Gemini consists of 582 unpatented placer and lode claims located in the western Lida Valley, Esmeralda County, appro 6 miles (10 kilometres) east of the town of Lida, Nevada. The Lida Valley is a flat, arid basin with a similar geological se the better-known Clayton Valley basin where Albemarle Corporation operates the Silver Peak lithium brine mine, which operated continuously since 1966.

Gemini is situated adjacent to the Gold Point Solar Energy Zone, a Bureau of Land Management land reserve set aside solar and wind power generation projects until 2033. Exploration at Gemini is complemented by the Company's 80.09 acre/feet/year water right, a pre-requisite for the exploration and development of lithium brine projects in Nevada. Unde laws of Nevada, water cannot be pumped from a subterranean source without a valid water permit.

Sampling and Analytical QA/QC and Statement of Qualified Person

Sediment Sample Collection and Analysis

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

Water Sample Collection and Analysis

Water parameters including TDS, conductivity, temperature, and pH values were obtained in the field by direct measure with a handheld YSI556 Multi-parameter water meter, which meets Good Laboratory Practice (as proscribed by the Organization for Economic Cooperation and Development) for calibration and measurement.

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

The scientific and technical information contained in this news release has been reviewed and approved by Robert M. A Jr., CPG, RG, SME and a Qualified Person for Nevada Sunrise as defined in National Instrument 43-101 - Standards o Disclosure for Mineral Projects.

About Nevada Sunrise

Nevada Sunrise is a junior mineral exploration company with a strong technical team based in Vancouver, BC, Canada, that holds interests in gold, copper, cobalt and lithium exploration projects located in the State of Nevada, USA.

Nevada Sunrise owns 100% interests in the Gemini and Jackson Wash lithium projects, both of which are located in the Valley in Esmeralda County, NV. The Company owns Nevada water right Permit 86863, also located in the Lida Valley near Lida, NV.

The Company's key gold asset is a 20.01% interest in a joint venture at the Kinsley Mountain Gold Project near Wendo with Copaur Minerals Inc. Kinsley Mountain is a Carlin-style gold project hosting a National Instrument 43-101 compliant resource consisting of 418,000 indicated ounces of gold grading 2.63 g/t Au (4.95 million tonnes), and 117,000 inferred of gold averaging 1.51 g/t Au (2.44 million tonnes), at cut-off grades ranging from 0.2 to 2.0 g/t Au [1].

[1] 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 prepared by Michael M. Gustin, Ph.D., and Gary L. Simmons, MMSA and filed under New Placer Dome Gold Corp.'s Issuer Profile on SEDAR (www.sedar.com).

Nevada Sunrise has the right to earn a 100% interest in the Coronado VMS Project, located approximately 48 kilometers miles) southeast of Winnemucca, NV. The Company owns a 15% interest in the historic Lovelock Cobalt Mine and the Treasure Box copper properties, each located approximately 150 kilometers (100 miles) east of Reno, NV, with Global Metals Corp. holding an 85% participating interest.

FORWARD LOOKING STATEMENTS

This release may contain forward-looking statements. Forward looking statements are statements that are not historical and are generally, but not always, identified by the words "expects", "plans", "anticipates", "believes", "intends", "estima "projects", "potential" and similar expressions, or that events or conditions "will", "would", "may", "could" or "should" occ include disclosure of anticipated exploration activities. Although the Company believes the expectations expressed in s forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future perfor and actual results may differ materially from those in forward looking statements. Forward-looking statements are base beliefs, estimates and opinions of the Company's management on the date such statements were made. The Company expressly disclaims any intention or obligation to update or revise any forward-looking statements whether as a result o information, future events or otherwise.

Such factors include, among others, risks related to the results and outcomes of the Company's 2022-2023 exploration the Gemini Lithium Project; reliance on technical information provided by third parties on any of our exploration properti changes in project parameters as plans continue to be refined; current economic conditions; future prices of commoditi possible variations in grade or recovery rates; failure of equipment or processes to operate as anticipated; the failure of contracted parties to perform; labor disputes and other risks of the mining industry; delays due to pandemic; delays in o governmental approvals, financing or in the completion of exploration, as well as those factors discussed in the section "Risk Factors" in the Company's Management Discussion and Analysis for the Year Ended September 30, 2022, which available under Company's SEDAR profile at www.sedar.com.

Although Nevada Sunrise has attempted to identify important factors that could cause actual actions, events or results materially from those described in forward-looking information, there may be other factors that cause actions, events or not to be as anticipated, estimated or intended. There can be no assurance that such information will prove to be accur actual results and future events could differ materially from those anticipated in such statements. Nevada Sunrise discla intention or obligation to update or revise any forward-looking information, whether as a result of new information, future or otherwise. Accordingly, readers should not place undue reliance on forward-looking information.

Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of TSX Vent Exchange) accepts responsibility for the adequacy or accuracy of this release.

SOURCE Nevada Sunrise Metals Corp.

Contact
Warren Stanyer, President and Chief Executive Officer, email: warrenstanyer@nevadasunrise.ca, Telephone: (604) 428-8028 or Jason Powell, Corporate Communications, email: jasonpowell@nevadasunrise.ca, Telephone: (604) 779-6497