51-102F3
MATERIAL CHANGE REPORT

Item 1 Name and Address of Company

Sienna Resources Inc. (the "**Company**")
Suite 2905 – 700 West Georgia Street
Vancouver, B.C. V7Y 1C6

Item 2 Date of Material Change

January 10, 17 & 23, 2024

Item 3 News Release

The news release was disseminated through News File and Stockwatch.

Item 4 Summary of Material Change

On January 10, 2024, the Company announced it increased its acreage to a total of 1,839 contiguous acres on its "Elko Lithium Project" in Elko County, Nevada. The one hole drilled during this phase didn't test the full depth of the planned hole and the assays from the one hole drilled did not return economic grades of lithium. On January 17, 2024, the Company announced it acquired the 10,845 contiguous acre "Dragon Uranium Project" in the world renown Athabasca Basin of Saskatchewan, via staking. On January 23, 2024, the Company announced it acquired the 10,845 contiguous acre "Dragon Uranium Project" in the world renown Athabasca Basin of Saskatchewan, via staking.

Item 5 Full Description of Material Change

5.1 Full Description of Material Change

See attached news release.

5.2 Disclosure for Restructuring Transactions

N/A

Item 6 Reliance on subsection 7.1(2) or (3) of National Instrument 51-102

N/A

Item 7 Omitted Information

None

Item 8 Executive Officer

Jason Gigliotti, President, Corporate Secretary, Tel: 604-646-6900

Item 9 Date of Report
January 23, 2024

SIENNA RESOURCES INC.

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Sienna Resources Inc.
Suite 2905-700 West Georgia Street
Vancouver, BC V7Y 1C6

Increases Size of "Elko Lithium Project" in Elko County, Nevada

Jan 10, 2024, Sienna Resources Inc. ("Sienna" or the "Company") (SIE—TSX.v, SNNAF—USA, A1XCQ0–Germany) is pleased to announce that it has increased its acreage for a total of 1,839 contiguous acres on its "Elko Lithium Project" in Elko County, Nevada. This project is directly bordering Surge Battery Metals' (NILI) "Nevada North Lithium Project" in Elko County, Nevada. According to the news dated September 12, 2023 from Surge, "The first certified analytical results for the 2023 summer drilling program at Surge Battery Metals Inc.'s Nevada North lithium project (NNLP) have returned multiple zones of high values ranging from 1,000 parts per million to 8,070 ppm lithium, the highest grades for exploration to date on the Nevada North Lithium Project.' Sienna management cautions that past results or discoveries on properties in proximity to Sienna may not necessarily be indicative of the presence of mineralization on the company's properties. The Company also wishes to announce an update regarding the first phase of drilling in Nevada. The initial drill program was moved forward quickly in hopes to beat the weather. This part of Nevada is difficult to work in during the winter and the location was chosen primarily due to ease of location for equipment access. The drill was planning to reach 1,000 feet as the location was a little higher up topographically than the formation in the valley below. The hole was only able to get to 450 feet due to weather, therefore it didn't test the full depth of the planned hole during this phase. The assays from the one hole drilled did not return economic grades of lithium. A follow up plan is being formulate now with this new data in hand.

Jason Gigliotti, President of Sienna states, "With the spring and summer work season upcoming, we are formulating plans to expand the work program on this project and have sufficient cash on hand to do this. We are also expecting to be active in Clayton Valley as well."

About Sienna Resources Inc.

Sienna has recently acquired the “Elko Lithium Project” in Elko County, Nevada. This project consists of approximately 1200 contiguous acres directly bordering Surge Battery Metals’ (NILI) “Nevada North Lithium Project” in Elko County, Nevada. Sienna is also one of the larger landholders in Clayton Valley Nevada. Sienna’s Clayton Valley projects include the Blue Clay Lithium Project, the Silver Peak South Project, and the Clayton Valley Deep Basin Lithium Project. Clayton Valley is home to the only lithium production in North America, being Albemarle Corp’s (NYSE: ALB) Silver Peak deposit. This project is also near Tesla Motors Inc.’s (Nasdaq: TSLA) Gigafactory in Nevada. On March 18, 2021, Schlumberger New Energy Venture (NYSE: SLB) announced the development of a lithium extraction pilot plant through its new venture, NeoLith Energy in a strategic partnership with Pure Energy (TSX.v: PE). The deployment of the pilot plant will be in Clayton Valley, Nevada, USA. The NeoLith Energy sustainable approach uses a differentiated direct lithium extraction (DLE) process to enable the production of high-purity, battery-grade lithium material while reducing the production time from over a year to weeks. Results from this pilot plant are expected in 2023 and could have a significant impact on the brine prospects within Clayton Valley Nevada as Sienna is located in the deepest section of this brine deposit. One other project Sienna has is the 'Marathon North Platinum-Palladium Property' in Northern Ontario directly bordering Generation Mining (CSE: GENM) Marathon Deposit.

Qualified Person:

Mr. Frank Bain, PGeo, a qualified person as defined by National Instrument 43-101 has reviewed and approved the scientific and technical disclosure contained within this news release.

If you would like to be added to Sienna’s email list, please email info@siennaresources.com for information or join our twitter account at @SiennaResources.

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President, Director
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looking statements if circumstances or management's beliefs, expectations or opinions should change other than as required by applicable law. For the reasons set forth above, you should not place undue reliance on forward-looking statements. Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this press release.

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Sienna Resources Inc.
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Sienna Acquires the 10,845 acre "Dragon Uranium Project" Bordering Cameco in the Athabasca Basin of Saskatchewan

Jan 17, 2024, Sienna Resources Inc. ("Sienna" or the "Company") (SIE—TSX.v, SNNAF—USA, A1XCQ0–Germany) is pleased to announce that it has acquired the 10,845 contiguous acre "Dragon Uranium Project" bordering Cameco Corporation (CCO, CCJ) in the world renown Athabasca Basin of Saskatchewan. According to the World Nuclear Association (WNA), the highest-grade uranium mine in the world is Cameco's Cigar Lake in the Athabasca Basin of Saskatchewan, Canada. It has an average grade of 14.69% U3O8. The Athabasca Basin is home to the highest-grade uranium deposits in the world, which includes the highest grade uranium mine in the world owned by Cameco Corporation. In 2021, the Fraser Institute ranked Saskatchewan as number one in Canada, the second-best jurisdiction globally. Sienna management cautions that past results or discoveries on properties in proximity to Sienna may not necessarily be indicative of the presence of mineralization on the company's properties.

Jason Gigliotti, President of Sienna states, "Uranium prices have hit a 16 year high this week and management feels that diversifying into uranium while keeping our lithium focus makes sense. Establishing a large footprint in the most prolific uranium address on the globe bordering the biggest name in uranium, Cameco, provides Sienna and Sienna shareholders with exposure to the best performing sector in mining in the past year. Management continues to try to add projects that are accretive to the growth of Sienna and we have enough cash on hand to forward these projects."

About Sienna Resources Inc.
Sienna has recently acquired the 10,845 contiguous acre "Dragon Uranium Project" bordering Cameco Corporation (CCO, CCJ) in the world renown Athabasca Basin of Saskatchewan. Also, Sienna recently expanded the "Elko Lithium Project" in Elko County, Nevada. This project consists of approximately 1840 contiguous acres directly bordering Surge Battery Metals' (NILI) "Nevada North Lithium Project" in Elko County, Nevada. Sienna is also one of the larger landholders in Clayton Valley Nevada. Sienna's Clayton Valley projects include the Blue Clay Lithium Project, the Silver Peak South Project, and the Clayton Valley Deep Basin Lithium Project. Clayton Valley is home to the only lithium production in North America, being Albemarle Corp's (NYSE: ALB) Silver Peak deposit. This project is also near Tesla Motors Inc.'s (Nasdaq: TSLA) Gigafactory in Nevada. On March 18, 2021, Schlumberger New Energy Venture (NYSE: SLB) announced the development of a lithium extraction pilot plant through its new venture, NeoLith Energy in a strategic partnership with Pure Energy (TSX.v: PE). The deployment of the pilot plant will be in Clayton Valley, Nevada, USA. The NeoLith Energy sustainable approach uses a differentiated direct lithium extraction (DLE) process to enable the production of high-purity, battery-grade lithium material while reducing the production time from over a year to weeks. Results from this pilot plant are expected in 2024 and could have a significant impact on the brine prospects within Clayton Valley Nevada as Sienna is located in the deepest section of this brine deposit.

This project was acquired via staking.

Qualified Person:
Mr. Frank Bain, PGeo, a qualified person as defined by National Instrument 43-101 has reviewed and approved the scientific and technical disclosure contained within this news release.
If you would like to be added to Sienna's email list, please email info@siennaresources.com for information or join our twitter account at @SiennaResources.

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"Risk Factors" in the Company's continuous disclosure documents filed on SEDAR. You are cautioned that the foregoing list is not exhaustive of all factors and assumptions which may have been used. The Company cannot assure you that actual events, performance or results will be consistent with these forward-looking statements, and management's assumptions may prove to be incorrect. These forward-looking statements reflect current expectations regarding future events and operating performance and speak only as of the date hereof and the Company does not assume any obligation to update forward-looking statements if circumstances or management's beliefs, expectations or opinions should change other than as required by applicable law. For the reasons set forth above, you should not place undue reliance on forward-looking statements.
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Sienna Acquires the 10,357 acre "Uranium Town Project" Bordering Denison Mines Corporation in the Athabasca Basin of Saskatchewan

Jan 23, 2024, Sienna Resources Inc. ("Sienna" or the "Company") (SIE—TSX.v, SNNAF—USA, A1XCQ0–Germany) is pleased to announce that it has acquired 10,357 acre "Uranium Town Project" bordering Denison Mines Corporation (DML, DNN) in the Athabasca Basin of Saskatchewan. The Athabasca Basin is home to the highest-grade uranium deposits in the world, which includes the highest grade uranium mine in the world owned by Cameco Corporation. In 2021, the Fraser Institute ranked Saskatchewan as number one in Canada, the second-best jurisdiction globally. Sienna management cautions that past results or discoveries on properties in proximity to Sienna may not necessarily be indicative of the presence of mineralization on the company's properties.

Recently (January 17, 2024) Sienna acquired the 10,845 contiguous acre "Dragon Uranium Project" bordering Cameco Corporation (CCO, CCJ) in the Athabasca Basin of Saskatchewan.

Jason Gigliotti, President of Sienna states, “We are very pleased to add a second uranium project to Sienna’s landholdings. Management’s goal is to build shareholder value by acquiring and working on projects with the highest potential in the most mining friendly jurisdictions. We plan to be very active in the uranium space and have the cash on hand to execute this game plan.”

About Sienna Resources Inc.

Sienna has recently acquired the 10,357 acre “Uranium Town Project” bordering Denison Mines Corporation (DML, DNN) and the 10,845 contiguous acre “Dragon Uranium Project” bordering Cameco Corporation (CCO, CCJ) in the world renowned Athabasca Basin of Saskatchewan. Also, Sienna recently expanded the “Elko Lithium Project” in Elko County, Nevada. This project consists of approximately 1840 contiguous acres directly bordering Surge Battery Metals’ (NILI) “Nevada North Lithium Project” in Elko County, Nevada. Sienna is also one of the larger landholders in Clayton Valley Nevada. Sienna’s Clayton Valley projects include the Blue Clay Lithium Project, the Silver Peak South Project, and the Clayton Valley Deep Basin Lithium Project. Clayton Valley is home to the only lithium production in North America, being Albemarle Corp’s (NYSE: ALB) Silver Peak deposit. This project is also near Tesla Motors Inc.’s (Nasdaq: TSLA) Gigafactory in Nevada. On March 18, 2021, Schlumberger New Energy Venture (NYSE: SLB) announced the development of a lithium extraction pilot plant through its new venture, NeoLith Energy in a strategic partnership with Pure Energy (TSX.v: PE). The deployment of the pilot plant will be in Clayton Valley, Nevada, USA. The NeoLith Energy sustainable approach uses a differentiated direct lithium extraction (DLE) process to enable the production of high-purity, battery-grade lithium material while reducing the production time from over a year to weeks. Results from this pilot plant are expected in 2024 and could have a significant impact on the brine prospects within Clayton Valley Nevada as Sienna is located in the deepest section of this brine deposit.

This project was acquired via staking.

Qualified Person:
Mr. Frank Bain, PGeo, a qualified person as defined by National Instrument 43-101 has reviewed and approved the scientific and technical disclosure contained within this news release.
If you would like to be added to Sienna’s email list, please email info@siennaresources.com for information or join our twitter account at @SiennaResources.

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