

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

March 8, 2024

Item 3 News Release

The news release was disseminated through News File and Stockwatch.

Item 4 Summary of Material Change

On March 8, 2024, the Company announced it acquired the district size “Atomic Uranium Project” in the Athabasca Basin of Saskatchewan, via staking. The “Atomic Uranium Project” consists of 50,440 contiguous acres bordering Orano and CanAlaska Uranium Ltd..

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

March 13, 2024



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

Sienna Acquires the District Scale 50,440 Acre “Atomic Uranium Project” in the Athabasca Basin of Saskatchewan

March 8, 2024, Sienna Resources Inc. (“Sienna” or the “Company”) (SIE—TSX.v, SNAF—USA, A1XCQ0—Germany) wishes to announce the acquisition of the new district size “Atomic Uranium Project” in the Athabasca Basin of Saskatchewan. The “Atomic Uranium Project” consists of 50,440 contiguous acres bordering Orano and CanAlaska Uranium Ltd.

Jason Gigliotti, President of Sienna states, “Sienna has taken a swift entry into the Uranium space. This new “Atomic Uranium Project” is a district size project in the top uranium address on earth, the Athabasca Basin. This now gives Sienna shareholders exposure to 3 separate uranium projects. Management is currently formulating plans to commence operations on these new uranium projects. Sienna is coming into a very robust news flow cycle. 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 and lithium space and have the cash on hand to execute this game plan.”

Recently Sienna (January 17, 2024) acquired the 10,845 contiguous acre “Dragon Uranium Project” bordering Cameco Corporation (CCO, CCJ) in the Athabasca Basin of Saskatchewan and also (January 23, 2024) the 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 for mining. 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.

Sienna also has multiple lithium projects in Nevada. Recently Sienna's direct neighbour in Elko County Nevada, Surge Battery Metals, announced the highest-grade lithium clay resource in the USA. In Clayton Valley, Nevada, Sienna is located in the deepest section of the only producing brine project in the USA, Albemarle's Silver Peak deposit and also the same brine section where SLB Corp (formerly known as Schlumberger) has spent over 100 million dollars for their Direct Lithium Extraction process. Sienna plans to use the marketing budget in the coming weeks that was announced October 13, 2023.

About Sienna Resources Inc.

Sienna has recently acquired the 10,357 acre "Uranium Town Project" bordering Denison Mines Corporation (DML, DNN), the 10,845 contiguous acre "Dragon Uranium Project" bordering Cameco Corporation (CCO, CCJ) and the 55,440 acre "Atomic Uranium Project" 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 who announced the highest grade lithium deposit in the USA. 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](https://twitter.com/SiennaResources).

Contact Information

Tel: 1.604.646.6900

Fax: 1.604.689.1733

www.siennaresources.com

info@siennaresources.com

"Jason Gigliotti"

President, Director

Sienna Resources Inc.

Statements in this news release that are not historical facts are forward-looking statements. Forward-looking statements are statements that are not historical, and consist primarily of projections - statements regarding future plans, expectations and developments. Words such as "expects", "intends", "plans", "may", "could", "potential", "should", "anticipates", "likely",

"believes" and words of similar import tend to identify forward-looking statements. Forward-looking statements in this news release include uncertainty of exploration and development plans regarding the property; commodity price fluctuations; political or economic instability and regulatory changes; currency fluctuations, the state of the capital markets; uncertainty in the measurement of mineral reserves and resource estimates; the Company's ability to attract and retain qualified personnel and management; potential labour unrest; reclamation and closure requirements for mineral properties and the availability of capital to fund the Company's projects, as well as other risks and uncertainties identified under the heading "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. 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.