

**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**

September 25 & October 3, 2024

**Item 3 News Release**

The news release was disseminated through News File and Stockwatch.

**Item 4 Summary of Material Change**

On September 25, 2024, the Company announced it increased its acreage on the “Case Lake West Cesium and Spodumene Pegmatite Project” to approximately 4,200 contiguous acres. On October 3, 2024, the Company announced significantly increased its acreage on the “Case Lake West Cesium and Spodumene Pegmatite Project” to approximately 7,850 contiguous acres prospective for Cesium and Spodumene Pegmatites directly bordering Power Metals.

**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**

October 3, 2024

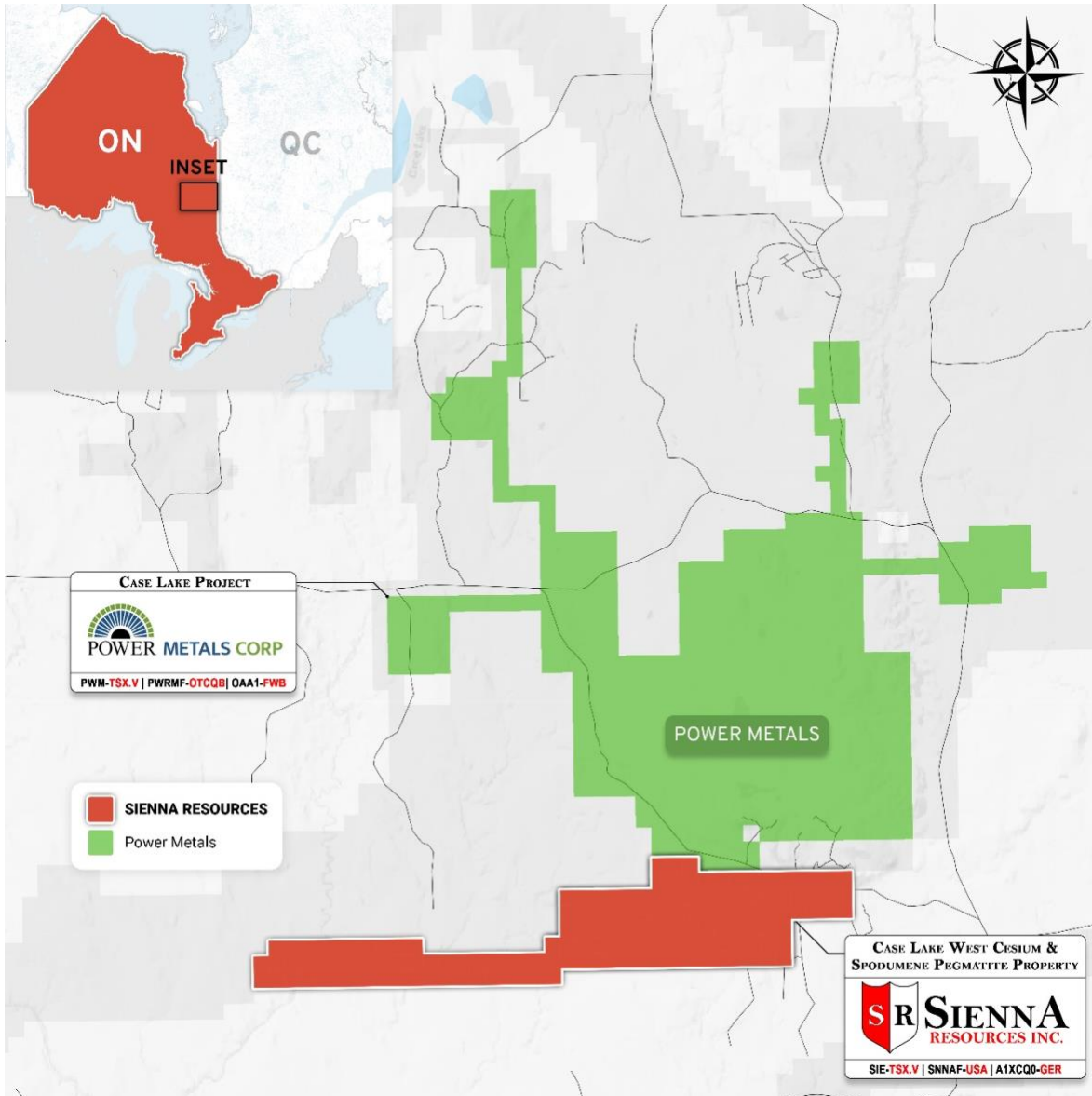


Sienna Resources Inc.  
Suite 2905-700 West Georgia Street  
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#### Sienna Almost Doubles Acreage of Case Lake West Cesium and Spodumene Pegmatite Project in Ontario

September 25, 2024, Sienna Resources Inc. (“Sienna” or the “Company”) (SIE—TSX.v, SNAF—USA, A1XCQ0—Germany) is pleased to announce that it has significantly increased its acreage on the “Case Lake West Cesium and Spodumene Pegmatite Project” in Larder Lake Mining division of Ontario, Canada, roughly 100 km north of Kirkland Lake, NE Ontario. This project now consists of approximately 4,200 contiguous acres prospective for Cesium and Spodumene Pegmatites directly bordering Power Metals Corp.'s (PWM) Case Lake cesium and pegmatite swarm discovery. On May 22, 2024, Power Metals announced, "world-class cesium results up to 18.13 per cent at Case Lake." This was very exciting news regarding this growing cesium district. 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 Resources Inc. stated, “We are pleased to almost double our acreage on the Case Lake West Cesium and Spodumene Pegmatite Project in Ontario. This area is one of the world’s only areas prospective for Cesium. Sienna has significantly increased its acreage and management looks forward to getting the work program underway on this exciting project. Sienna is coming into a very active period and management is very optimistic about the short and long term growth drivers in place now.”



### About Sienna Resources Inc.

Sienna has significantly increased acreage of the “Stonestrow Gold Project”, consisting now of approximately 31,718 contiguous acres prospective for gold. Sienna has also recently acquired the “Case Lake West Cesium and Spodumene Pegmatite Project” in Larder Lake Mining division of Ontario, Canada roughly 100 km north of Kirkland Lake, NE Ontario. This project consists of approximately 4,200 contiguous acres prospective for Cesium and Spodumene Pegmatites. Sienna has also just acquired the 10,357 acre “Uranium Town Project” bordering Denison Mines Corporation (DML, DNN), the now 23,134 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 new acreage 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](mailto:info@siennaresources.com) for information or join our twitter account at @SiennaResources.

#### Contact Information

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"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.*

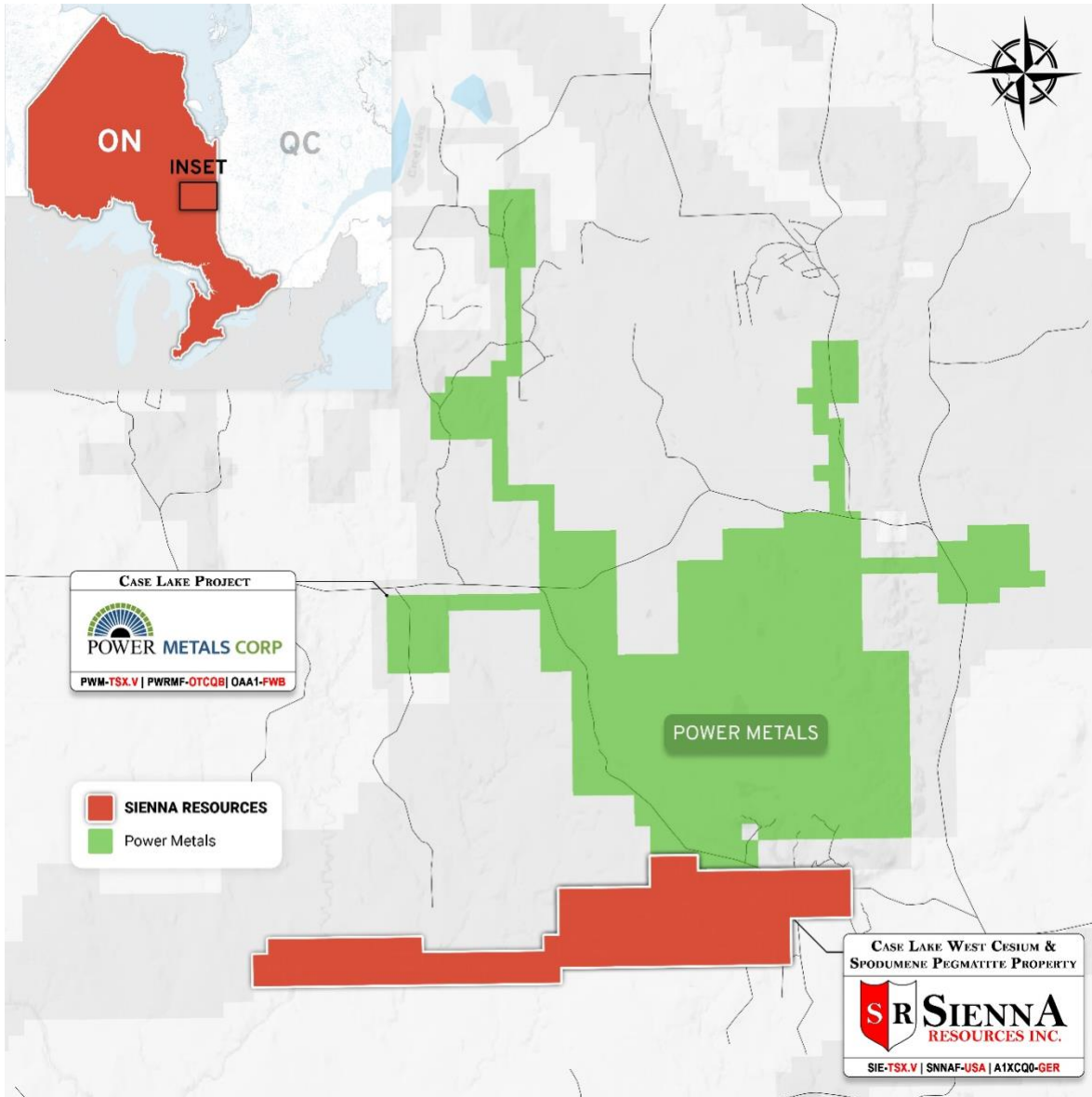


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**Sienna Again Significantly Increase Acreage of Case Lake West Cesium and Spodumene Pegmatite Project in Ontario to 7,850 Contiguous Acres**

October 3, 2024, Sienna Resources Inc. (“Sienna” or the “Company”) (SIE—TSX.v, SNAF—USA, A1XCQ0—Germany) is pleased to announce that it has significantly increased its acreage on the “Case Lake West Cesium and Spodumene Pegmatite Project” in Larder Lake Mining division of Ontario, Canada, roughly 100 km north of Kirkland Lake, NE Ontario. This project now consists of approximately 7,850 contiguous acres prospective for Cesium and Spodumene Pegmatites directly bordering Power Metals Corp.'s (PWM) Case Lake cesium and pegmatite swarm discovery. On May 22, 2024, Power Metals announced, "world-class cesium results up to 18.13 per cent at Case Lake." This was very exciting news regarding this growing cesium district. 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 Resources Inc. stated, “We are pleased to increase our footprint to now being approximately 7,850 contiguous acres on the Case Lake West Cesium and Spodumene Pegmatite Project in Ontario. The area is quickly gaining global attention as it is one of the world’s only areas prospective for Cesium. Sienna has once again significantly increased its acreage in this exciting mining district and management looks forward to getting the work program underway on this project. Sienna is coming into a very active period and management is very optimistic about the short and long term growth drivers in place now.”



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Cesium and Spodumene Pegmatites. Sienna has also just acquired the 10,357 acre “Uranium Town Project” bordering Denison Mines Corporation (DML, DNN) , the now 23,134 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 has the “Elko Lithium Project” in Elko County, Nevada consisting of approximately 1830 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 with a strategic partnership with Pure Energy (TSX.v: PE). On September 10, 2024, SLB announced that the “Nevada demonstration plant integrates direct lithium extraction (DLE), concentration and conversion technologies to sustainably produce lithium at scale with integrated technology solution produces lithium from brine 500 times faster than conventional methods while using significantly less land, water and chemical reagents with a verified results confirm recovery rate of 96% lithium from brine at operational rates.” The success that SLB achieved could have a significant future impact on the brine prospects within Clayton Valley Nevada as Sienna is located in the deepest section of this brine deposit.

This new acreage 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.

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