

# Terra Clean Energy Plans Winter 2025 Exploration Program at South Falcon East Uranium Project, Athabasca Basin, Saskatchewan

15.10.2024 | [The Newswire](#)

Vancouver, October 15, 2024 - [Terra Clean Energy Corp.](#) ("Terra" or the "Company") (TSX.V: TCEC, OTCQB: TCEFF, FSE: T1KC), is pleased to announce plans for an upcoming work program at its South Falcon East Uranium Project which hosts the Fraser Lakes B uranium Deposit.

The South Falcon East Project lies 18 km outside the edge of the Athabasca Basin, approximately 50 km east of the Key Lake uranium mill and former mine (Figure 1), approximately 7 km north of the powerline servicing the Key Lake operation. Terra Clean Energy Corp entered into an option agreement with [Skyharbour Resources Ltd.](#) in October of 2022, whereby the company can earn up to a 75% interest in the South Falcon East property.

The Company is planning an extensive drill program for the winter of 2025. The program will consist of approximately 2,000 meters of drilling. The priority is to expand on the Winter 2024 program by extending the mineralized footprint associated with the Fraser Lakes B Uranium Deposit (Figure 2) and test nearby targets with prospective alteration and structure identified in historical drilling. The infill and step out drilling planned at Fraser Lake B will confirm the presence and continuity of existing mineralization and expand the footprint of the deposit; currently the mineralization is open both down dip and along strike. The results of infill and step-out drilling will aid in preparation of an updated NI 43-101 compliant resource estimate and deposit model for Fraser Lakes B.

The upgraded resource will also integrate other results not included in the historical resource estimate, including higher-grade mineralization encountered to date at Fraser Lakes B, intersected in drillhole FP-15-05. FP-15-05 returned 0.165% U<sub>3</sub>O<sub>8</sub> and 0.112% ThO<sub>2</sub> over 2.0 metres at 135.0 metres depth within a broader interval containing 0.103% U<sub>3</sub>O<sub>8</sub> and 0.062% ThO<sub>2</sub> over 6.0 metres at a depth of 134.5 m, and a second high grade intercept of 0.172% U<sub>3</sub>O<sub>8</sub> and 0.113% ThO<sub>2</sub> over 2.5 metres at 146.0 m depth. The mineralization at Fraser Lakes B is accompanied by anomalous pathfinder elements, including Bi, Mo, Pb, and Zn, that are also associated with ultra high-grade basement-hosted unconformity uranium deposits in the Athabasca Basin.

The Company's inaugural drill program in early 2024 (News Release dated April 1, 2024) at Fraser Lakes B confirmed the presence of uranium mineralized pegmatites and graphitic pelitic paragneiss along the Way Lake Conductor. Graphitic pelitic paragneiss are a key lithology associated with uranium deposits within the eastern Athabasca Basin, and their presence at Fraser Lakes B is a good indication of the potential for high-grade basement-hosted unconformity related uranium mineralization, in addition to the known pegmatite/alaskite-hosted uranium mineralization at the South Falcon East project.

While the Fraser Lakes B uranium deposit will remain a primary focus of early efforts on the property, the Company has ample additional drill-ready targets along the Way Lake conductor at South Falcon East. This includes the T-Bone Lake area, just north of Fraser Lakes B (Figure 2), where limited drilling encountered highly prospective clay alteration, anomalous radioactivity, and uranium mineralization (including up to 0.055% U<sub>3</sub>O<sub>8</sub> over 0.9 m at 39.5 metres depth in drillhole WYL-10-53) associated with a north-northwest trending fault cross-cutting the northeast-trending Way Lake conductor. The alteration encountered at T-Bone Lake is similar to that encompassing several high-grade basement-hosted uranium deposits in the eastern Athabasca Basin, including the former Eagle Point Mine and the Millenium uranium deposits. Regional drilling will focus on this area and other untested areas of structural complexity along the folded Way Lake conductor that are highly prospective for high-grade basement-hosted unconformity-related uranium mineralization and additional pegmatite-hosted uranium mineralization.

The upcoming field program is anticipated to commence in the new year and will be executed by Terralogic

Exploration Inc. under the supervision of Laura Tennent, Project Manager with TerraLogic Exploration and C. Trevor Perkins, consulting geologist for Terra Clean Energy. The drilling program will be operating out of Skyharbour's McGowan Lake Camp with helicopter support for the daily drilling operations. The expected budget for this program is anticipated to be \$1.5 million

"This is a unique setup for a Canadian microcap, one that offers multiple paths to significant value creation," said Alex Klenman, CEO of Terra Clean Energy. "We have an exceptional exploration opportunity that includes pursuing high-grade uranium discovery within already established mineralized zones, as well as testing thousands of hectares of geologically and geochemically favorable areas for new discovery, and to expand an early-stage uranium deposit. We get both the blue-sky opportunity where a drill hole can change a company's trajectory in an instant, and the safety of pursuing an asset-backed valuation. We're eager to continue drilling South Falcon and to unlock the abundance of value we believe the project contains," continued Mr. Klenman.

Figure 1: South Falcon East Project Location - Eastern Athabasca Basin, Saskatchewan, Canada

Figure 2: 2025 Drill Target areas at the south Falcon East Uranium Project with the folded Way Lake Conductor indicated in red. A North-northwest cross structure connects the Fraser Lake B and T-Bone Lake target areas.

[Click Image To View Full Size](#)

Figure 3: South Falcon East Project - Camp and drilling location Map

#### About the South Falcon East Project

The South Falcon East Project is a uranium exploration project in the southeast Athabasca Basin and represents a portion of Skyharbour Resources Ltd.'s existing South Falcon Project. The project covers approximately 12,464 hectares and lies 18 kilometers outside the Athabasca Basin, approximately 50 kilometers east of the Key Lake Mine.

The South Falcon East Project contains the Fraser Lakes B Uranium/Thorium Deposit with a historic mineral resource\* of 6.9 Mlbs U<sub>3</sub>O<sub>8</sub> inferred at a grade of 0.03% U<sub>3</sub>O<sub>8</sub> and 5.3 Mlbs ThO<sub>2</sub> inferred at a grade of 0.023 % ThO<sub>2</sub>. Uranium and thorium mineralization discovered to date is shallow classic Athabasca-style basement mineralization associated with well-developed EM conductors.

#### About Terra Clean Energy Corp.

Terra Clean Energy (formerly Tisdale Clean Energy Corp) is a Canadian-based uranium exploration and development company. The Company is currently developing the South Falcon East uranium project, which holds a 6.96M pound inferred uranium resource within the Fraser Lakes B uranium/thorium deposit, located in the Athabasca Basin region, Saskatchewan, Canada.

#### Qualified Person

The technical information in this news release has been prepared in accordance with the Canadian regulatory requirements set out in National Instrument 43-101 and reviewed on behalf of the company by C. Trevor Perkins, P.Geo., a Consulting Geologist for the Company, and a Qualified Person as defined by National Instrument 43-101.

\*The historical resource is described in the Technical Report on the South Falcon East Property, filed on [sedar.com](https://www.sedar.com) on February 9, 2023. The Company is not treating the resource as current and has not completed sufficient work to classify the resource as a current mineral resource. While the Company is not treating the historical resource as current, it does believe the work conducted is reliable and the information may be of

assistance to readers.

ON BEHALF OF THE BOARD OF TERRA CLEAN ENERGY CORP.

"Alex Klenman"

Alex Klenman, CEO

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 release.

This news release may contain certain "Forward-Looking Statements" within the meaning of the United States Private Securities Litigation Reform Act of 1995 and applicable Canadian securities laws. When or if used in this news release, the words "anticipate", "believe", "estimate", "expect", "target", "plan", "forecast", "may", "schedule" and similar words or expressions identify forward-looking statements or information. Such statements represent the Company's current views with respect to future events and are necessarily based upon a number of assumptions and estimates that, while considered reasonable by the Company, are inherently subject to significant business, economic, competitive, political, and social risks, contingencies and uncertainties. Many factors, both known and unknown, could cause results, performance, or achievements to be materially different from the results, performance or achievements that are or may be expressed or implied by such forward-looking statements. The Company does not intend, and does not assume any obligation, to update these forward-looking statements or information to reflect changes in assumptions or changes in circumstances or any other events affecting such statements and information other than as required by applicable laws, rules, and regulations.

For further information please contact:

Alex Klenman, CEO

Tel: 604-970-4330

info@tcec.energy

Terra Clean Energy Corp

Suite 2200, HSBC Building, 885 West Georgia St.  
Vancouver, BC V6C 3E8 Canada

[www.tcec.energy](http://www.tcec.energy)

---

Dieser Artikel stammt von [Rohstoff-Welt.de](http://Rohstoff-Welt.de)

Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/482464--Terra-Clean-Energy-Plans-Winter-2025-Exploration-Program-at-South-Falcon-East-Uranium-Project-Athabasca-Ba>

Für den Inhalt des Beitrages ist allein der Autor verantwortlich bzw. die aufgeführte Quelle. Bild- oder Filmrechte liegen beim Autor/Quelle bzw. bei der vom ihm benannten Quelle. Bei Übersetzungen können Fehler nicht ausgeschlossen werden. Der vertretene Standpunkt eines Autors spiegelt generell nicht die Meinung des Webseiten-Betreibers wieder. Mittels der Veröffentlichung will dieser lediglich ein pluralistisches Meinungsbild darstellen. Direkte oder indirekte Aussagen in einem Beitrag stellen keinerlei Aufforderung zum Kauf-/Verkauf von Wertpapieren dar. Wir wehren uns gegen jede Form von Hass, Diskriminierung und Verletzung der Menschenwürde. Beachten Sie bitte auch unsere [AGB/Disclaimer!](#)

---

Die Reproduktion, Modifikation oder Verwendung der Inhalte ganz oder teilweise ohne schriftliche Genehmigung ist untersagt!  
Alle Angaben ohne Gewähr! Copyright © by Rohstoff-Welt.de -1999-2026. Es gelten unsere [AGB](#) und [Datenschutzrichtlinien](#).