

Terra Clean Energy Corp. (TCEC)

Permits Now In-Hand: Winter Drilling Details Expected Shortly

Event

Just ahead of the Christmas holiday, Terra Clean Energy announced that it had received the needed permits from the Saskatchewan Ministry of the Environment to conduct the planned winter exploration program on its South Falcon East property, situated at the periphery of the Athabasca Basin. The winter 2025 drill program is in the final stages for planning and scheduling. We previously retracted our valuation and corresponding price objective given a still currently live financing (for gross proceeds of C\$3.0M) coupled with personnel changes (as announced in late November). Until those events are finalized and the details of the winter drilling program are announced, our valuation methodology and price objective will remain retracted.

Details

- **Drilling Permits In-Hand & Land Access Secured** – The permits received from the Saskatchewan Ministry of the Environment allow for access to the project lands for a period of three years. The permits allow for exploration activities including geophysical surveys and diamond drilling. In addition to the permits received from the Saskatchewan Ministry of the Environment, Terra also announced the execution of an Exploration Agreement with the English River First Nation. This agreement will strengthen the relationship between both parties while also allowing Terra access to the English River First Nation ancestral lands. It is believed that Terra's upcoming drill program will encompass approximately 2,000m.
- **At the Periphery of the Athabasca Basin** – The majority of the upcoming winter drill program will be concentrated around the Fraser Lakes B uranium deposit which currently hosts a NI43-101 compliant uranium resource (Inferred) estimated to be 10.35Mt grading 0.03% U3O8 for 6.96M lbs, along with thorium (ThO2) mineralization. The deposit remains open in almost all directions. The results from the upcoming campaign will be used to prepare an updated NI43-101 compliant resource estimate.

Conclusion

Now post 4:1 share consolidation, only post-financing will the details of the upcoming drill program be announced. The financing close is expected in the days ahead. The drill program as announced in October may be expanded or modified as deemed fit. We continue to believe that at the current microcap valuation, the risk remains on the upside provided future drilling success. Seeing that the deposit remains open in most directions, additional work spend may lead to an increase in both grade and resource size. That said, only after concluding the corporate restructuring/re-capitalization and announcing the definite winter drilling plans will we re-establish a 12-month price objective. The full online note can be found [here](#):

Company Profile

Sector	Mining
Sub-Sector	Uranium
Company	Terra Clean Energy Corp.
Ticker	TCEC

Current Price (C\$)	C\$0.22
12-Mth Price Objective (C\$)	n/a
Potential Upside	n/a
Mkt Cap, Basic (C\$M)	\$2.2
EV (C\$M)	\$2.0

Shares O/S Basic (M)	9.92
1-Mth Return	+37.5%
3-Mth Return	-26.4%
YTD Return	-66.7%

Measured & Indicated Grade U3O8	Attrib. lbs
South Falcon East	n/a

Inferred Resources	Grade U3O8	Attrib. lbs
South Falcon East	0.03%	6.9M lbs*

* South Falcon East at 100%

Company Description

Terra Clean Energy Corp. is an exploration company advancing the South Falcon East property, located in the periphery of the Athabasca Basin. Ownership of the South Falcon East property is via earn-in agreement with Skyharbour Resources. Given annual milestone payments, a 51% ownership stake may be achieved in 2026, increasing to 75% by 2028.

2-Year Stock Chart



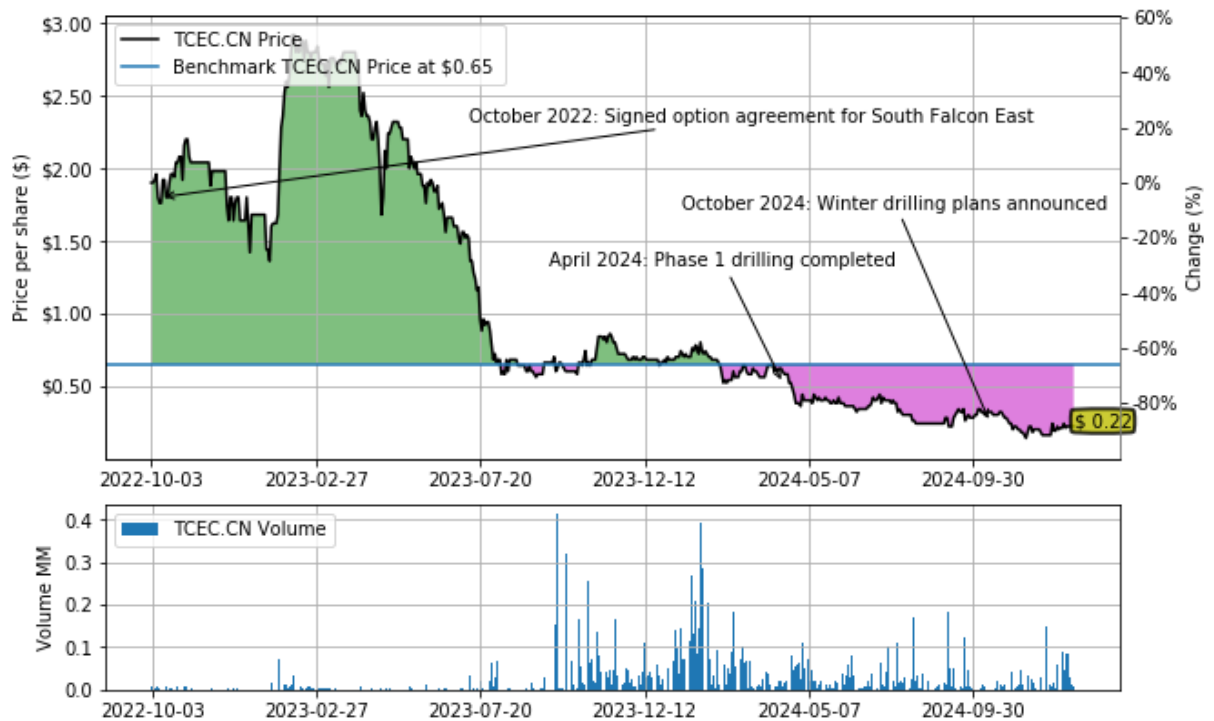
DISCLAIMER: Any written content contained herein should be viewed strictly as analysis & opinion and not in any way as investment advice. Readers are encouraged to conduct their own due diligence. As a Research Spotlight product, HoldCo Markets has received financial compensation for the written content and analysis from the publicly listed company mentioned above. The views, opinions and recommendations expressed herein are subject to change without notice.

X (Twitter): @HoldCoMarkets
 Website: HoldCoMarkets.com

PERMITS IN HAND, DRILL DETAILS TO COME POST-FINANCING

Just ahead of the Christmas holiday, **Terra Clean Energy (TCEC)** announced on December 23rd that it had received the needed permits from the Saskatchewan Ministry of the Environment to conduct the planned winter exploration program on its South Falcon East property, situated at the periphery of the Athabasca Basin. The winter 2025 drill program is in the final stages for planning and scheduling. We previously retracted our valuation and corresponding price objective given a still currently live financing (for gross proceeds of C\$3.0M) coupled with personnel changes (as announced in late November). Until those events are finalized and the details of the winter drilling program are announced, our valuation methodology and price objective will remain retracted.

Exhibit 1. Share Price Performance



Source: HoldCo Markets

ANY CHANGES TO THE PROPOSED WINTER 2025 CAMPAIGN ?

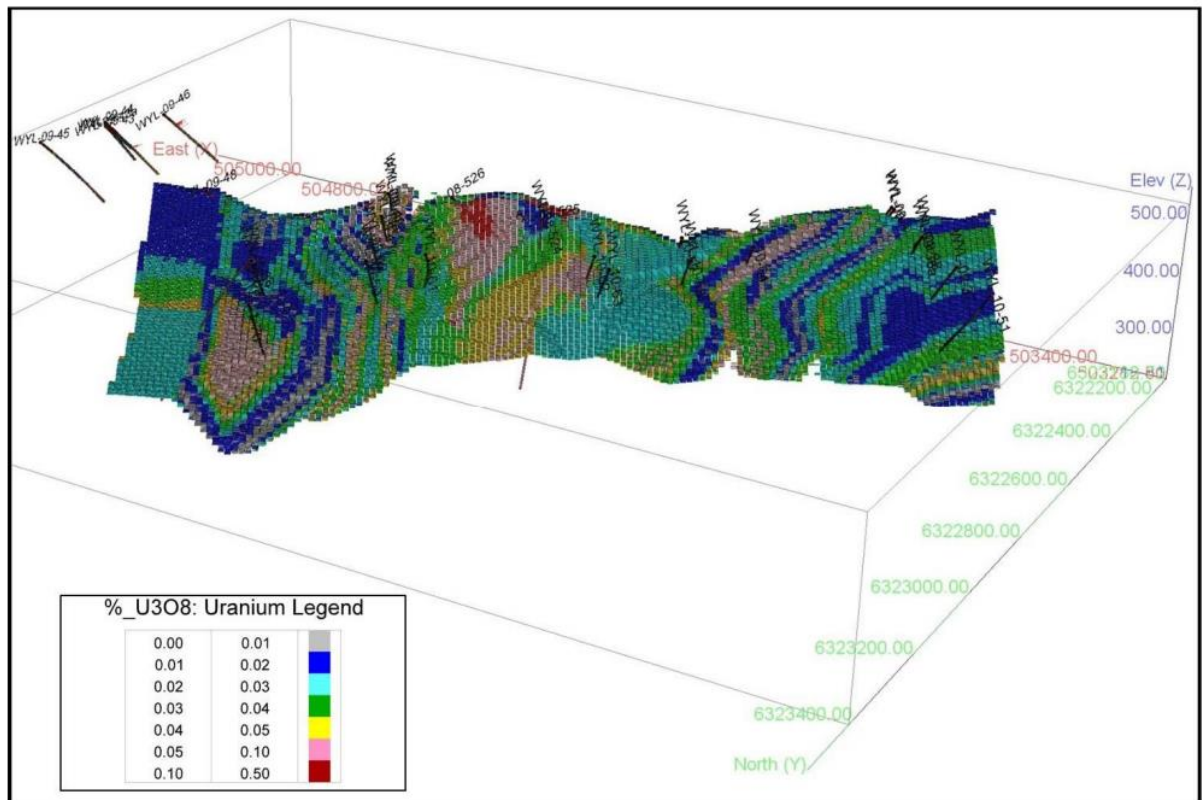
The permits received from the Saskatchewan Ministry of the Environment allow for access to the project lands for a period of three years. The permits allow for exploration activities including geophysical surveys and diamond drilling. Recall that in mid-October, Terra announced plans for its upcoming winter 2025 work program at its South Falcon East Uranium Project. As announced then, approximately 2,000m of drilling was expected to be undertaken at budget of C\$1.5M. The purpose of the upcoming program was to expand on the Winter 2024 campaign by extending the mineralized footprint associated with the Fraser Lakes B Uranium deposit and test nearby targets with prospective alteration and structure, as identified from historic drilling. We note that the mineralization is open both down dip and along strike. Given that targeted drilling remains a key pillar to the development and de-risking of the Fraser Lakes B deposit, we continue to look forward to the start of the drilling campaign. The assay results will be used to prepare an updated NI43-101 compliant resource estimate.

RECAPPING THE SOUTH FALCON EAST PROJECT

Strategically situated at the periphery of the Athabasca Basin, the South Falcon East Project is located 50km east of **Cameco's (CCJ, CCO)** Key Lake uranium mill and just 7km north of the powerline servicing the Key Lake operations. Terra's upcoming drill program will encompass approximately 2,000m. As previously defined, the Fraser Lakes B currently hosts a NI43-101 compliant uranium resource (Inferred) estimated to be 10.35Mt grading 0.03% U3O8 for 6.96M lbs, along with thorium (ThO2) mineralization. The deposit remains open in almost all directions.

Exhibit 2. Fraser Lakes B Resource Estimate

Cut-off % % U3O8	Tonnes (M)	U3O8		ThO2	
		Grade (%)	Lbs (M)	Grade (%)	Lbs (M)
<0.01%	12.94	0.025%	7.106	0.019%	5.503
0.01%	10.35	0.030%	6.960	0.023%	5.339
0.02%	7.25	0.037%	5.948	0.028%	4.549
0.03%	4.25	0.046%	4.275	0.034%	3.164
0.04%	2.21	0.056%	2.744	0.042%	2.047
0.05%	1.03	0.069%	1.576	0.047%	1.058



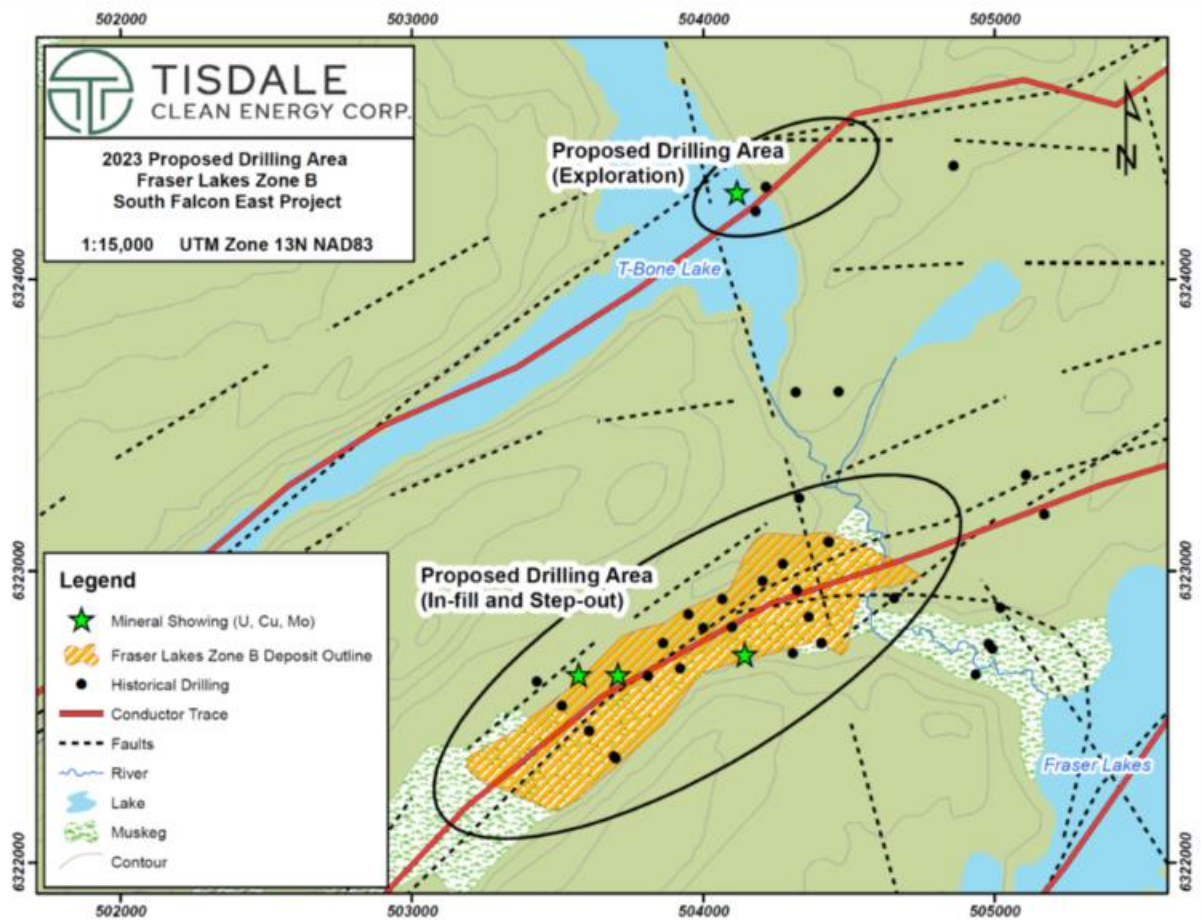
Source: Technical Report on the Falcon Point Project – March 20, 2015 by GeoVector Management Inc.

The results from the upcoming campaign will be used to prepare an updated NI43-101 compliant resource estimate. The updated 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. This particular drill hole returned 0.165% U3O8 and 0.112% ThO2 over 2.0m at 135.0m depth within a broader

interval containing 0.103% U3O8 and 0.062% ThO2 over 6.0m at a depth of 134.5m, and a second high grade intercept of 0.172% U3O8 and 0.113% ThO2 over 2.5m at 146.0m depth. 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.

Recall that Skyharbour Resources (SYH) optioned the project to Terra in October 2022. In exchange for a 75% ownership interest in the project, over the five-year earn-in period, Terra is to fund exploration expenditures totaling C\$10.5M while also paying Skyharbour C\$11.1M in cash (of which C\$6.5M can be settled in shares of Terra).

Exhibit 3. Initially Proposed Drilling Area at the South Falcon East Project



Source: Terra Clean Energy Corp.

While the Fraser Lakes B uranium deposit will likely remain the primary focus of the company with the proposed infill and step-out targets, additional drill-ready targets along the Way Lake conductor at South Falcon East are also in the longer term pipeline. These additional targets include the T-Bone Lake area, just north of Fraser Lakes B, where limited drilling encountered highly prospective clay alteration, anomalous radioactivity, and uranium mineralization (including up to 0.055% U3O8 over 0.9m at 39.5m 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 Millennium uranium deposits.

EXPLORATION AGREEMENT SIGNED WITH THE ENGLISH RIVER FIRST NATION

In addition to the permits received from the Saskatchewan Ministry of the Environment, Terra also announced the execution of an Exploration Agreement with the English River First Nation. This agreement will strengthen the relationship between both parties will also allowing Terra access to the English River First Nation ancestral lands.

CONCLUSION

Now post-4:1 share consolidation, only post-financing will the details of the upcoming drill program be announced. The financing close is expected in the days ahead. The drill program as announced in October may be expanded or modified as deemed fit. We continue to believe that at the current microcap valuation, the risk remains on the upside provided future drilling success. Seeing that the deposit remains open in most directions, additional work spend may lead to an increase in both grade and resource size. That said, only after we have concluded the corporate restructuring/re-capitalization and have been presented with the definite winter drilling plans will we re-establish a 12-month price objective.

Disclaimer:

The following Terms and Conditions govern the use by readers, clients, subscribers and any other use of HoldCo Markets Advisory Inc.'s ("HoldCo Markets" or "the firm") products and associated content which is made internally and selectively distributed/accessible via holdcomarkets.com, email and/or via select social media.

Any written content contained herein should be viewed strictly as analysis, observation & opinion and not in any way as investment advice. HoldCo Markets is neither a qualified financial advisor, broker or legal advisor. All information, data and reports should be strictly seen as for informational purposes only and should not be considered in any way as investment advice or a solicitation for any security. HoldCo Markets does not make any recommendations, the firm only offers opinions. All content encompassing reports, writings and opinions are based on what the firm deems as reliable sources such as current news/corporate events, management interviews, SEC/SEDAR or any other regulatory filing and any other source deemed credible by the firm's publishing analysts given their significant industry experience. HoldCo Markets has not been provided with any material non-public information from any company mentioned in the report.

This report contains "forward-looking" statements. Company conclusions may involve forward-looking statements concerning future company or industry performance. Though the forward looking statements are based on fair and reasonable assumptions, actual performance or results may differ. Be reminded that market volatility is inherent with investing. Past performance is no guarantee of future performance. As such, an investment in any company mentioned in the above report should be viewed as speculative, and entered into only by those who can handle potential loss of capital. Recipients of any HoldCo Markets content looking to act on any of our opinions should consider whether any information contained in this report is suitable for their particular investing circumstance. Investing in mining and exploration companies is inherently risky. Commodity, geological, operational, regulatory, or financing risks on projects could result in delays in development or production, impact economics or disrupt shipment schedules.

The views and opinions expressed herein are company specific and subject to change without notice. All material contained on this website and disseminated through email or social media is strictly for informational purposes only. One should not take any financial decisions based solely on what was written from this above report, rather one should consider whether any information contained in this report is suitable for their particular investing circumstance and should seek professional advice. Volatility and the possibility of loss is inherent with any investment decision, HoldCo Markets accepts no liability for any potential direct or indirect loss arising from the use of our research, website or any additional in-house content.

Research Notes: HoldCo Markets did not receive any form of compensation from the company or companies written about in Research Notes. Conclusions and opinions expressed in the reports have been formulated independently and objectively. Research Notes are strictly an expression of our views and opinions. No compensation was received for any Research Notes publication or for its distribution. As a non IIROC registered company, HoldCo Markets Advisory Inc. neither provides investment banking services nor does it make a market in any securities written about in Research Notes.

Spotlight Research: Holdco Markets publishes and distributes Spotlight Research which is a differentiated research product which is specifically issuer or client-paid. Monetary compensation has been received for a specified research coverage period. The purpose of Spotlight Research is to highlight growth companies which have been largely overlooked by the larger broker/dealers, largely due to constraints related to size and liquidity. Spotlight Research is strictly an expression of our views and opinions. HoldCo Markets' publishing analysts retain full control over the conclusions and opinions regarding this issuer or client paid research. As a non IIROC registered company, HoldCo Markets Advisory Inc. neither provides investment banking services nor does it make a market in any securities written about in Spotlight Research.

Holdco Markets, any publishing analyst or any HoldCo Markets Board member may at one point hold a direct or indirect position by way of equity, options, warrants or debt in any or none of the companies mentioned in either Research Notes or Spotlight Research. No person with any affiliation to HoldCo Markets serves in any capacity as an officer or Director in any of the companies mentioned in the above document. The distribution of any HoldCo Markets content has no relation to the distribution of securities nor is it in any way a solicitation to buy or sell any security.

Reprinting any content or information from this report is strictly prohibited without permission. For more information or to receive future reports, please visit [Home \(holdcomarkets.com\)](https://www.holdcomarkets.com)