

# Fortune Bay Acquires The Aspen Uranium Project In Northern Saskatchewan

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HALIFAX, Feb. 5, 2024 - [Fortune Bay Corp.](#) (TSXV: FOR) (FWB: 5QN) (OTCQB: FTBYF) ("Fortune Bay" or the "Company") is pleased to announce the acquisition of the Aspen Uranium Project ("Aspen" or the "Project"). The Project is located on the north-central margin of the Athabasca Basin, proximal to the Company's recently announced Spruce Uranium Project and the Spruce Uranium Project.

## Aspen Uranium Project Highlights:

- Large-scale land package covering 9,869 hectares located in proximity to the northern rim of the Athabasca Basin
- Includes extensive anomalous uranium results from historical surface sampling, including;
  - The highest regional lake sediment uranium anomaly in Saskatchewan of 989 ppm U, within the Geological Survey of Canada data compilation.
  - Historical exploration samples collected during the late 1970's identified extensive lake sediment anomalies on the Property, with values averaging 302 ppm U from 439 samples collected, including seven samples with values up to 1,000 ppm U (maximum 1,870 ppm U).
  - Historical muskeg samples within the Property averaged 2,007 ppm U from 24 samples collected, including one sample with a value of 10,400 ppm U.
- Historical surface prospecting, limited to areas of outcrop, failed to identify a bedrock source of this uranium anomaly. Core drilling has been completed on the Project to date despite compelling support for the possible presence of a uranium source within the Project area.
- The application of modern exploration methods, including high-resolution airborne electromagnetic ("EM") surveying, provides an opportunity for discovery in an area where overburden and small lakes cover prospective graphitic lithologies (soft rock) along structural corridors.

"The surface endowment of uranium across the Aspen Project is extraordinary with values in surface sample media equal to or greater than, uranium ore grades elsewhere in the world. We are excited to apply our team's extensive uranium skills together with a modern, systematic exploration approach to unravel the nature, extent and cause of this exceptionally high uranium anomalism with the potential to deliver a near-surface uranium discovery." commented Dale Verran, CEO for Fortune Bay.

Mr. Verran further added, "The acquisition of the Aspen Project reflects our continued efforts since 2021 to seek-out, and acquire, highly prospective uranium projects in the world's premier district for high-grade uranium. Adding a fifth project to our growing uranium portfolio provides the Company with additional discovery opportunity and the potential to create value for our stakeholders."

## The Aspen Uranium Project

The Project comprises seven mineral claims covering an area of 9,869 hectares, located approximately 30 kilometres north of the Athabasca Basin, and approximately 35 kilometres northwest of the town of Stony Rapids. The Company's Pine and Spruce Uranium Projects are located approximately 10 kilometres and 25 kilometres to the southwest, respectively. The three newly acquired projects cover approximately 35,000 hectares including 25 kilometres of strike length along the Grease River structural corridor ("GRSZ"), a major underexplored structural corridor with potential for Athabasca-style basement-hosted deposits. The majority of the claims were acquired through staking, apart from a single claim of 595 hectares that was acquired from a third-party, and a vendor for a small cash payment and a 2% Net Smelter Returns ("NSR") royalty. One-half of the NSR royalty can be purchased from the vendor at any time for C\$500,000.

## Historical Exploration and Uranium Endowment

This section provides a summary of relevant results from historical exploration. The reader is referred to the Technical Report section at the end of this news release for appropriate cautionary language and details on the sources of this information.

During the late 1970's historical operators undertook surface sampling campaigns and airborne geophysical survey as well as an initial, highly anomalous, regional lake sediment result of 989 ppm U in Perron Lake. Surface sampling and follow up

radiometric anomalism included lake sediment sampling, muskeg sampling, and rock chip sampling. A statistical summary of surface sampling results (as compiled from historical assessment reporting) is provided in Table 1, and sample location results are shown in Figure 1. These surface sampling campaigns identified exceptionally high uranium anomalism with organic-rich sample media (lake sediments and muskeg).

Table 1: Statistical Summary of Historical Surface Sampling Results.

	Lake Sediment Samples	Muskeg Samples	Rock Chip Samples
Number of Samples	439	24	291
Average (U ppm)	302	2,007	7
Max (U ppm)	1,870	10,400	140
Min (U ppm)	1	345	0
Standard Deviation (U ppm)	238	2,225	10

More detailed investigation of the lake sediment anomalies was conducted at Perron Lake during the late 1970's, where a regional sample yielding 989 ppm U was collected. Perron Lake is located in the south-central area of the Project and has a surface area of approximately 122 hectares. Work included the collection of 53 lake sediment samples on a rough grid with an average of 533 ppm U (maximum 1,870 U ppm, minimum 19 ppm U), as shown in Figure 1. In addition, three pipe core samples were completed within Perron Lake, with an additional hole completed within a smaller neighbouring lake to the west. The objectives of the pipe core holes were to investigate the nature of the lake sediment profile and to define the distribution of uranium and other uranium pathfinder elements (copper and nickel). Overall, this coring revealed a lake sediment profile consisting of organic material transitioning to lower clay-rich sediments. In three of the four holes completed the uranium contents increased with depth (up to a maximum concentration of 900 ppm U). These anomalies remain open at depth, as shown in Figure 2, possibly indicating bedrock sources beneath the lakes.

Rock chip sampling, restricted to available outcrop, was completed along select traverses and near lakes with uranium anomalies to identify potential bedrock sources. While one encouraging value of 140 ppm U was received, the remainder of the values were relatively low with an overall average of 7 ppm U (Table 1). These values are within the typical ranges of uranium abundances within granitic rocks of 3 to 5 ppm U (Levinson, 1974).

Unable to locate a bedrock source (i.e. a uranium deposit) from surface prospecting, historical operators postulated that the uranium anomalism in lake sediments could derive from leaching of uranium from a regional background of rocks with an average concentration in uranium, however no such rocks were discovered within the catchment areas of the anomalies.

More recent exploration work was completed by historical operators between 2007 and 2015. Work comprised airborne geophysical surveying, including radiometrics, magnetics and electromagnetics (XDS-VLF-EM). These surveys identified radioactively elevated (uranium) zones, significant structural lineaments, and shallow conductive features possibly representing faults and/or graphitic units. Very limited follow-up field work was completed, including reconnaissance rock chip sampling (15 samples) and localized scintillometer prospecting. Results were highlighted by a rock chip sample of sheared granite containing 1,870 ppm U collected along a northwesterly trending fault/pegmatite zone, which extends beneath Perron Lake. The remainder of the rock chip samples uranium values were typically low and broadly consistent with samples collected during the 1970's, again failing to locate a source for the exceptionally high uranium anomalism.

## Geology

The Project is located approximately 30 kilometres north of the present-day margin of the Athabasca Basin sandstones. The geology comprises Precambrian pelitic schists and gneiss that have been intruded by post-tectonic granites, granodiorites, and pegmatitic granites. Outcrop exposure is common, but significant areas are covered by thin glacial deposits, muskeg/silt, and small lakes.

Historical prospecting work during the late 1970's identified graphite-rich lithological units, which are typically soft and weather preferentially, occurring in valleys with surficial cover. These graphite-rich units would therefore not have been properly mapped/prospected and would form prime exploration targets for Athabasca Basin-style, high-grade, basement-hosted uranium in accordance with more recent exploration models.

At the southern extent of the Project, six kilometres of prospective strike length is present along the Grease River Shear Zone ("GRSZ"), a crustal-scale structural corridor, including major structural splays that trend northeastward through the Project area for up to 10 kilometres. Numerous other prospective structural zones have been identified throughout the Project area, trending northeast and northwest, all of which could provide suitable settings for Athabasca Basin-style basement-hosted mineralization or Rössing-style mineralization. Prospective structural zones typically manifest as low-lying areas (negatively weathered) and are covered by glacial deposits, muskeg/swamps or small lakes, thus masking potential mineralization from historical radiometric survey and surface prospecting.

#### Next Steps

The source of the exceptionally high uranium anomalism in lake sediments and muskeg remains unresolved and a modern, systematic exploration approach is warranted to develop targets for ground follow-up and drill testing. Next steps are planned to include:

- Desk-top Prioritization of Target Areas: Detailed integrated interpretation of existing historical datasets, regional geophysical data, and satellite imagery to delineate potential target areas, including the identification of favorable lithological and structural settings for Athabasca Basin-style basement-hosted mineralization or Rössing-style mineralization.
- Field Data Verification and Investigation: Verification of historical datasets is planned, to include ground-truthing of anomalies. Scope of work to include scintillometer surveying and geochemical sampling.
- Drill Target Definition: Drill targets are expected to be defined through high-resolution airborne EM surveying (e.g. TEM) followed by geological mapping and systematic ground geochemical and geophysical survey, as applicable.

Similar to other recently announced uranium projects, Fortune Bay may seek to find a suitable partner to advance the Project through an earn-in, or similar agreement, that provides Fortune Bay with upside in future discovery.

#### Technical Disclosure

The historical results contained within this news release have not been verified and there is a risk that any future confirmation work and exploration may produce results that substantially differ from the historical results. These results have been captured from Saskatchewan Mineral Assessment Database ("SMAD") reporting as available and may be incomplete or subject to minor location inaccuracies. The Company considers these historical results relevant to assess the mineralization and economic potential of the property.

Details on the sources of information contained within this News Release:

- Work completed during the late 1970's was undertaken by the Saskatchewan Mining Development Corp. (SMAD references 74O07-0032) and by Uranerz Exploration and Mining Limited (SMAD references 74O09-0003, 74O09-0004, 74O09-0020).
- Work completed between 2007 and 2015 was undertaken by [CanAlaska Uranium Ltd.](#) (SMAD references 74O09-0023, 74O09-0024, 74O08-0076) and by Fission 3.0 Corp. (SMAD reference MAW01857).
- Regional lake sediment data is derived from the Geological Survey of Canada ("GSC") digital compilation dataset (74O09-0023) last updated 20 November, 2019 and most recently modified 9 November, 2023, available at the following link: <https://open.canada.ca/data/dataset/0199fc8a-75bc-16cc-189d-4d88af556030>, which contains information licensed under the Government of Saskatchewan Standard Unrestricted Use Data Licence (Version 2.0).
- Levinson A.A. (1974), Introduction to Exploration Geochemistry. ISBN 10: 0915834014 / ISBN 13: 9780915834014, published by Applied Publishing Ltd., Wilmette.

#### Qualified Person

The technical and scientific information in this news release has been reviewed and approved by Gareth Garlick, P.Geol., Technical Director of the Company, who is a Qualified Person as defined by NI 43-101. Mr. Garlick is an employee of Fortune Bay and is not independent of the Company under NI 43-101.

#### About Fortune Bay Corp.

[Fortune Bay Corp.](#) (TSXV:FOR, FWB:5QN, OTCQB:FTBYF) is an exploration and development company with 100% ownership in two advanced gold exploration projects in Canada, Saskatchewan (Goldfields Project) and Mexico, Chiapas (Ixhuatán Project), both with exploration and development potential. The Company is also advancing the Strike, Murmac, Spruce and Pine uranium exploration projects, in northern Saskatchewan, which have high-grade potential typical of the Athabasca Basin. The Company has a goal of building a mid-tier exploration and development Company through the advancement of its existing projects

and the strategic acquisition of new projects to create a pipeline of growth opportunities. The Company's corporate strategy is driven by a Board and Management team with a proven track record of discovery, project development and value creation. Further information on Fortune Bay and its assets can be found on the Company's website at [www.fortunebaycorp.com](http://www.fortunebaycorp.com) or by contacting us as [info@fortunebaycorp.com](mailto:info@fortunebaycorp.com) or by telephone at 902-334-1919.

On behalf of [Fortune Bay Corp.](#)

"Dale Verran"  
Chief Executive Officer

#### Cautionary Statement Regarding Forward-Looking Information

Information set forth in this news release contains forward-looking statements that are based on assumptions as of the date of this news release. These statements reflect management's current estimates, beliefs, intentions, and expectations. They are not guarantees of future performance. Words such as "expects", "aims", "anticipates", "targets", "goals", "projects", "intends", "plans", "believes", "seeks", "estimates", "continues", "may", variations of such words, and similar expressions and references to future periods, are intended to identify such forward-looking statements.

Since forward-looking statements are based on assumptions and address future events and conditions, by their very nature they involve inherent risks and uncertainties. Although these statements are based on information currently available to the Company, the Company provides no assurance that actual results will meet management's expectations. Risks, uncertainties and other factors involved with forward-looking information could cause actual events, results, performance, prospects and opportunities to differ materially from those expressed or implied by such forward-looking information. Forward looking information in this news release includes, but is not limited to, the Company's objectives, goals, intentions or future plans, statements, exploration results, potential mineralization, timing of the commencement of operations and estimates of market conditions. Factors that could cause actual results to differ materially from such forward-looking information include, but are not limited to failure to identify targets or mineralization, delays in obtaining or failures to obtain required governmental, environmental or other project approvals, political risks, inability to fulfill the duty to accommodate First Nations and other indigenous peoples, inability to reach access agreements with other Project communities, amendments to applicable mining laws, uncertainties relating to the availability and costs of financing or partnerships needed in the future, changes in equity markets, inflation, changes in exchange rates, fluctuations in commodity prices, delays in the development of projects, capital and operating costs varying significantly from estimates and the other risks involved in the mineral exploration and development industry, and those risks set out in the Company's public documents filed on SEDAR+. Although the Company believes that the assumptions and factors used in preparing the forward-looking information in this news release are reasonable, undue reliance should not be placed on such information, which only applies as of the date of this news release, and no assurance can be given that such events will occur in the disclosed time frames or at all. The Company disclaims any intention or obligation to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, other than as required by law. For more information on Fortune Bay, readers should refer to Fortune Bay's website at [www.fortunebaycorp.com](http://www.fortunebaycorp.com).

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