

12 May 2022

Okapi receives Colorado State approval to drill at Tallahassee Uranium Project in Colorado

Key Points

- Permit covers the Taylor-Boyer deposits within the Tallahassee Uranium Project
- Allows for up to 18,200 meters of drilling in up to 60 holes
- Future work programs will be focused on both expanding the existing resource and project development

Okapi Resources Limited (ASX: OKR, OTCQB: OKPRF) (**Okapi** or the **Company**) is pleased to announce that its wholly owned subsidiary Usuran Resources Inc. has received approval for its Notice of Intent (**NoI**) to Conduct Prospecting application on its Taylor-Boyer deposits within the larger Tallahassee Uranium Project in Colorado, U.S.A. The approval comes from the Colorado Division of Reclamation, Mining and Safety (**DRMS**).

The approval will allow Okapi to drill up to 18,200m in 60 drill holes; the drilling will be applied to exploration, hydrological testing and geotechnical investigations in order to further the development of the Taylor-Boyer Prospect to a mining decision. The permit is valid through to December 31st, 2027.

The next steps for the Tallahassee Uranium Project will be seeking an additional NoI from the DRMS to cover the recently acquired 51% ownership in the Hansen and Picnic Tree deposits (as shown in Figure 1) and obtaining the Conditional Use Permits (**CUPs**) as required from Fremont County, Colorado before drilling can commence.

Okapi's Managing Director, Mr Andrew Ferrier said:

"This is another important milestone for Okapi, as the Company continues to progress and advance its uranium projects in North America. Obtaining the initial permit to drill at our 100% owned Taylor-Boyer Prospect within the larger Tallahassee Uranium Project in Colorado provides the opportunity for the Company to move forward with exploration and development work in a district known to contain significant Uranium resources."

Proposed Exploration & Development Program

Okapi holds a 100% interest in the mineral rights at Taylor-Boyer that covers approximately 7,500 acres; large portions which are still considered to be untested or poorly tested by drilling. Further work is needed to fully define the boundaries of the prospective mineralised channel or channels. The Company believes that there is scope to expand on the existing JORC compliant resource estimate through further exploration.

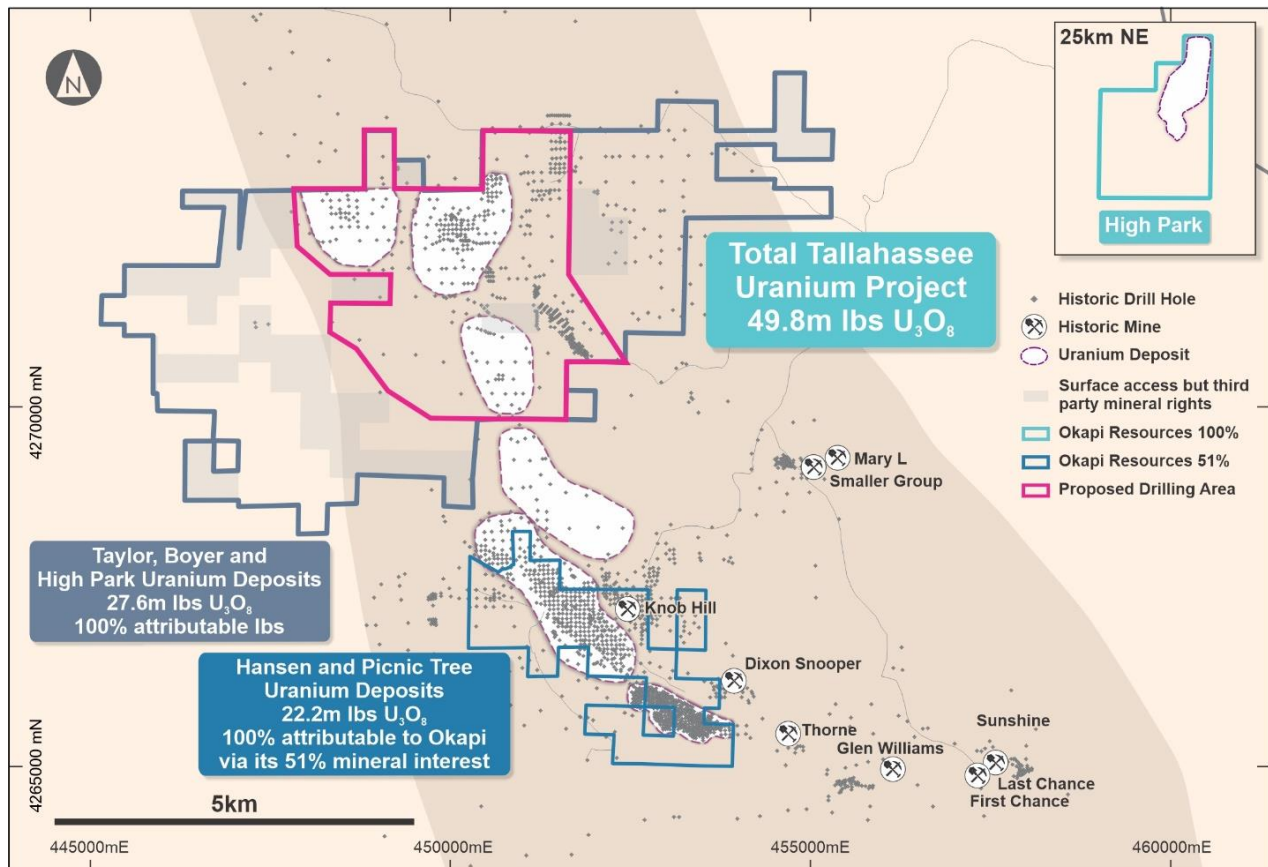


Figure 1: Location of the Proposed Drilling Area at Tallahassee Uranium Project

The approval from DMRS to conduct prospecting activities including drilling has been granted on lands where both the surface and mineral rights are privately owned. Importantly, Okapi has already obtained a private land access agreement with the surface landowners at the Taylor Ranch and Boyer Ranch that allows access for the permitted drilling activities.

Taylor-Boyer Deposits - Geology & Mineralisation

The uranium deposits in the Tallahassee District are tabular deposits associated with redox interfaces. The mineralisation is hosted in Tertiary sandstones (Echo Park Formation) and/or clay bearing conglomerates (Tallahassee Creek Formation). These formations were deposited in a now extinct braided-stream fluvial system paleochannels.

The Noah, Northwest Taylor and Boyer Deposits are all hosted by the more favorable Echo Park sandstones, so mineralisation is generally thick and laterally continuous, and commonly comprises high-grade mineralisation within broader, lower-grade envelopes.

Mineralisation occurred post-sediment deposition, when oxygenated, uraniferous groundwater that moved through the host rocks encountered redox interfaces. The resultant chemical change caused the precipitation of uranium oxides, with the mineralisation typically coating the surface of pre-existing minerals and sand grains. The redox interfaces were commonly a result of the buildup of carbonaceous material within the host formation during sediment deposition. The paleochannels were later partially buried by the extrusion of the Thirty-nine Mile Andesite, which preserved the sedimentary sequences and allowed them to be gradually enriched with uranium.

This announcement has been authorised for release by the Board of Okapi Resources Limited.

Further information:

Andrew Ferrier
Managing Director
E: info@okapiresources.com
P: +61 8 6117 9338

Gareth Quinn
Investor Relations
E: gareth@republicpr.com.au
P: +61 417 711 108

About Okapi Resources

Okapi Resources Limited recently acquired a portfolio of advanced, high grade uranium assets located in the United States of America and in the Athabasca Basin, Canada.

Assets include a strategic position in one of the most prolific uranium districts in the USA – the Tallahassee Creek Uranium District in Colorado. The Tallahassee Uranium Project contains a JORC 2012 Mineral Resource estimate of **49.8 million pounds of U₃O₈ at a grade of 540ppm U₃O₈** with significant exploration upside. The greater Tallahassee Creek Uranium District hosts more than 100 million pounds of U₃O₈ with considerable opportunity to expand the existing resource base by acquiring additional complementary assets in the district.

The portfolio of assets also includes an option to acquire 100% of the high-grade Rattler Uranium Project in Utah, which includes the historical Rattlesnake open pit mine. The Rattler Uranium Project is located 85km from the White Mesa Uranium Mill, the only operating conventional uranium mill in the USA hence provides a near term, low-capital development opportunity.

In January 2022, Okapi acquired a portfolio of high-grade exploration assets in the world's premier uranium district, the Athabasca Basin. The Athabasca Basin is home to the world's largest and highest-grade uranium mines.

Okapi's clear strategy is to become a new leader in North American carbon-free nuclear energy by assembling a portfolio of high-quality uranium assets through accretive acquisitions and exploration.

JORC 2012 Mineral Resource Estimate for the Tallahassee Uranium Project												
Property	Measured			Indicated			Inferred			Total		
	Tonnes (000)	Grade U ₃ O ₈ (ppm)	Lbs U ₃ O ₈ (000)	Tonnes (000)	Grade U ₃ O ₈ (ppm)	Lbs U ₃ O ₈ (000)	Tonnes (000)	Grade U ₃ O ₈ (ppm)	Lbs U ₃ O ₈ (000)	Tonnes (000)	Grade U ₃ O ₈ (ppm)	Lbs U ₃ O ₈ (000)
Hansen/Picnic Tree**	-	-	-	7,309	640	10,360	9,277	580	11,874	16,586	610	22,234
Taylor and Boyer	-	-	-	7,641	520	8,705	14,869	460	15,172	22,513	480	23,877
High Park	2,451	550	2,960	24	590	30	434	770	734	2,907	580	3,724
Total	2,451	550	2,960	14,976	580	19,095	24,580	510	27,780	42,007	540	49,835

Notes: Calculated applying a cut-off grade of 250ppm U₃O₈. Numbers may not sum due to rounding. Grade rounded to nearest 10ppm.

**Numbers reported are 51% of the Hansen/Picnic Tree due to ownership agreements.

Competent Persons Statement

Information on the Mineral Resources presented, together with JORC Table 1 information, is contained in the ASX announcement titled "Okapi to acquire Hansen Deposit – Resource increased by 81%" which was released as an announcement on 7 April 2022. The Company confirms that it is not aware of any new information or data that materially affects the information in the relevant market announcements, and that the form and context in which the Competent Persons findings are presented have not been materially modified from the original announcements.

Where the Company refers to Mineral Resources in this announcement (referencing previous releases made to the ASX), it confirms that it is not aware of any new information or data that materially affects the information included in that announcement and all material assumptions and technical parameters underpinning the Mineral Resource estimate with that announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not materially changed from the original announcement.