

CanAlaska Uranium Ltd. (TSXV:CVV)

Exploration Update

Mineralization at Graphitic Fault Found Similar to Cigar Lake

June 18, 2021

(Currency is C\$ unless noted otherwise)

Closing Price (C\$/sh)	\$0.60	
Rating	BUY (S)	
Target (C\$/sh)	NA	
Return to Target	NA	
52 Week Low / High (C\$/sh)	\$0.14 / \$0.84	
CAPITALIZATION	Basic	Diluted
Shares Outstanding (M)	80.8	110.3
Market Capitalization (C\$M)	\$48.5	
Enterprise Value (C\$M)	\$41.2	
Cash and Cash Equivalents (C\$M)	\$7.3	
Total Debt (C\$M)	\$0.0	

STOCK CHART



RELATIVE PERFORMANCE



Relative Valuation	EV (C\$M)
CanAlaska Uranium Ltd.	\$41.2
Peers*	\$66.6

*S&P Capital IQ

MAJOR SHAREHOLDERS

Management (5.23%), MM Asset Management Inc (6.31%), Sprott Asset Management, LP (4.05%)

DISCLOSURE CODE: 3,4

(Please refer to the disclosures listed on the back page)

Source: RCS, Company Information, S&P Capital IQ

Company Description

CanAlaska Uranium Ltd. is a project generator that holds interests in approximately 214,000 ha of prospective ground within Canada's Athabasca Basin and Wollaston regions. The company's strategic holdings have attracted interest from major mining companies, and it is currently working with Cameco and Denison Mines at two of its uranium projects in the eastern Athabasca Basin. The company also holds properties prospective for nickel, copper, gold and diamonds.

Impact: Very Positive

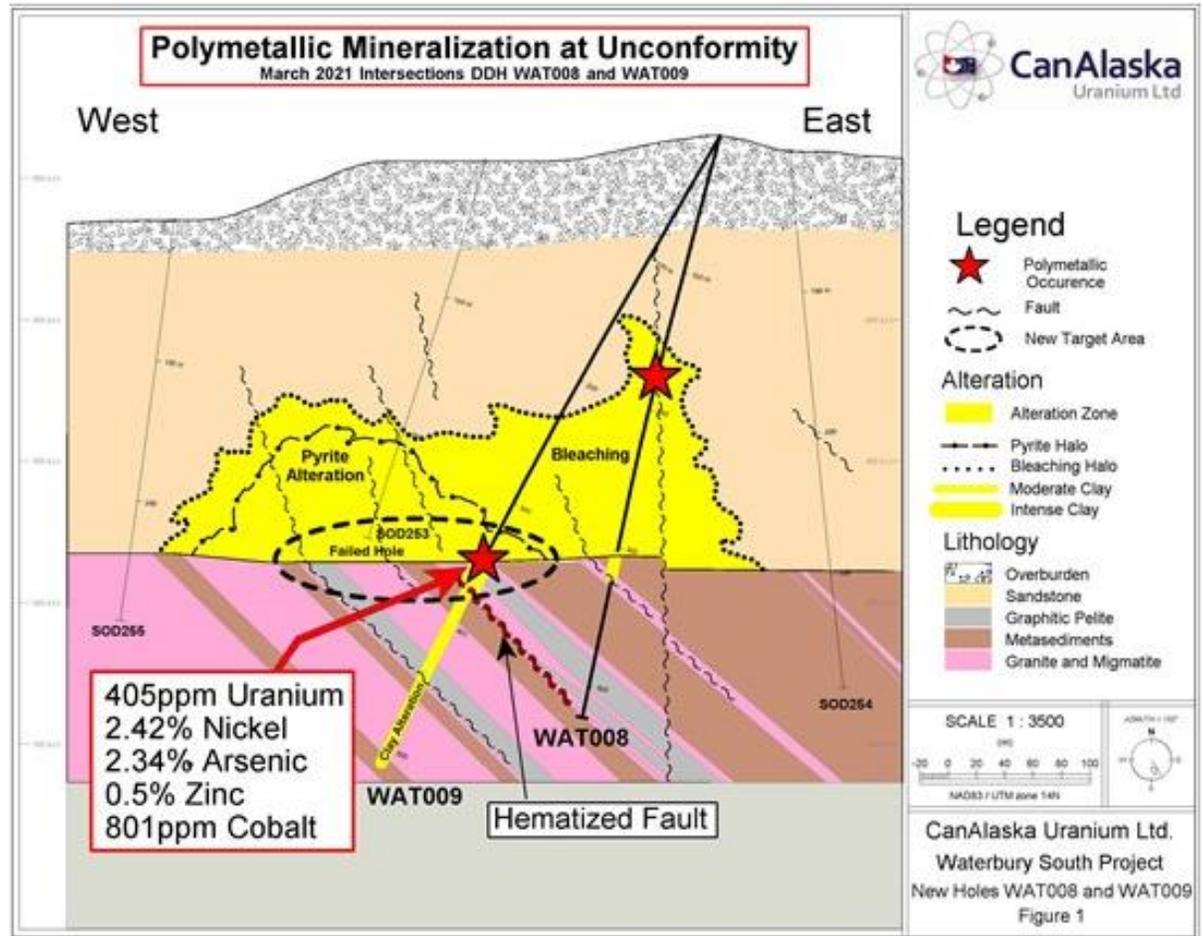
These very positive results are exactly what you want to see from the rocks when trying to vector in on a potential uranium discovery in the Athabasca. CanAlaska reported results for three holes (1,347.5m) from its 100%-owned Waterbury South uranium project, located within 10km SE of Cigar Lake mine in the Athabasca Basin. Drilling has identified bleaching in the sandstone and extensive clay alteration within the basement rocks below the unconformity. A graphitic fault that hosts uranium and other metals shows similarities to other deposits in the basement hosted rocks such as the Cigar Lake polymetallic uranium deposit. Mineralization within the fault, and alteration adjacent to this structure and well up into the overlying sandstone package suggests a large hydrothermal event had taken place where fluids moved along this corridor. **We view this as great evidence that uranium-bearing fluids may have run through these rocks and could be trapped somewhere close by. Follow-up drilling is highly warranted.**

- **Intense alteration, structure, elevated uranium, base metals.** WAT-008 hit a pyrite-rich zone with anomalous Ni, As, Co, and Zn perched in the sandstone, and a thick graphitic zone just below the unconformity. These encouraging results led to hole WAT-009 which intersected 100m of bleached sandstone above the unconformity, and a 7m thick fault zone with intense clay and hematite alteration located 20m below the unconformity within basement rocks (Figure 1, 2). Highlight results at the drill program included a 3.3m intercept returning individual assays of up to **405 ppm U3O8, 2.3% As, 2.4% Ni, 801 ppm Co, 0.2% Cu, 1.61% Zn, 1.1% Pb, and 15.5 g/t Ag**. Both pyrite and graphite provide reducing environments that encourage uranium precipitation during mobilization.
- **Targeting lost Cameco hole that showed promise.** CVV's aim was to target previous drilling that showed significant alteration, anomalous uranium, and untested geophysical targets (Figure 3). Holes WAT-008 and WAT-009 were drilled and tested in proximity to a historical Cameco (TSX:CCO, Not Rated) hole (SOD-253) that failed due to strong faulting and alteration above the unconformity.
- **The right rocks with similarity to Cigar Lake.** Bleached sandstone, extensive clay alteration within the basement rocks below the unconformity, graphitic faulting, and anomalous to strong uranium and other metals show similarities to the Cigar Lake deposit.
- **Located along a uranium deposit trend.** Mineralization occurs close to the regional Rabbit Lake-Collins Bay fault that hosts the Rabbit Lake, Collins Bay, and Eagle Point deposits (Figure 4).

We maintain our BUY (Speculative) rating and no target price.

Upcoming Catalysts: 1) Nickel drilling in Thompson (2021), 2) Drilling at West McArthur (Q3/21), 3) Ground exploration at NE Wollaston (Q3/21), 4) Diamond exploration in NW Athabasca (Q3/21), and 5) Potential M&A activity (ongoing).

Figure 1: Map of the polymetallic mineralization at unconformity



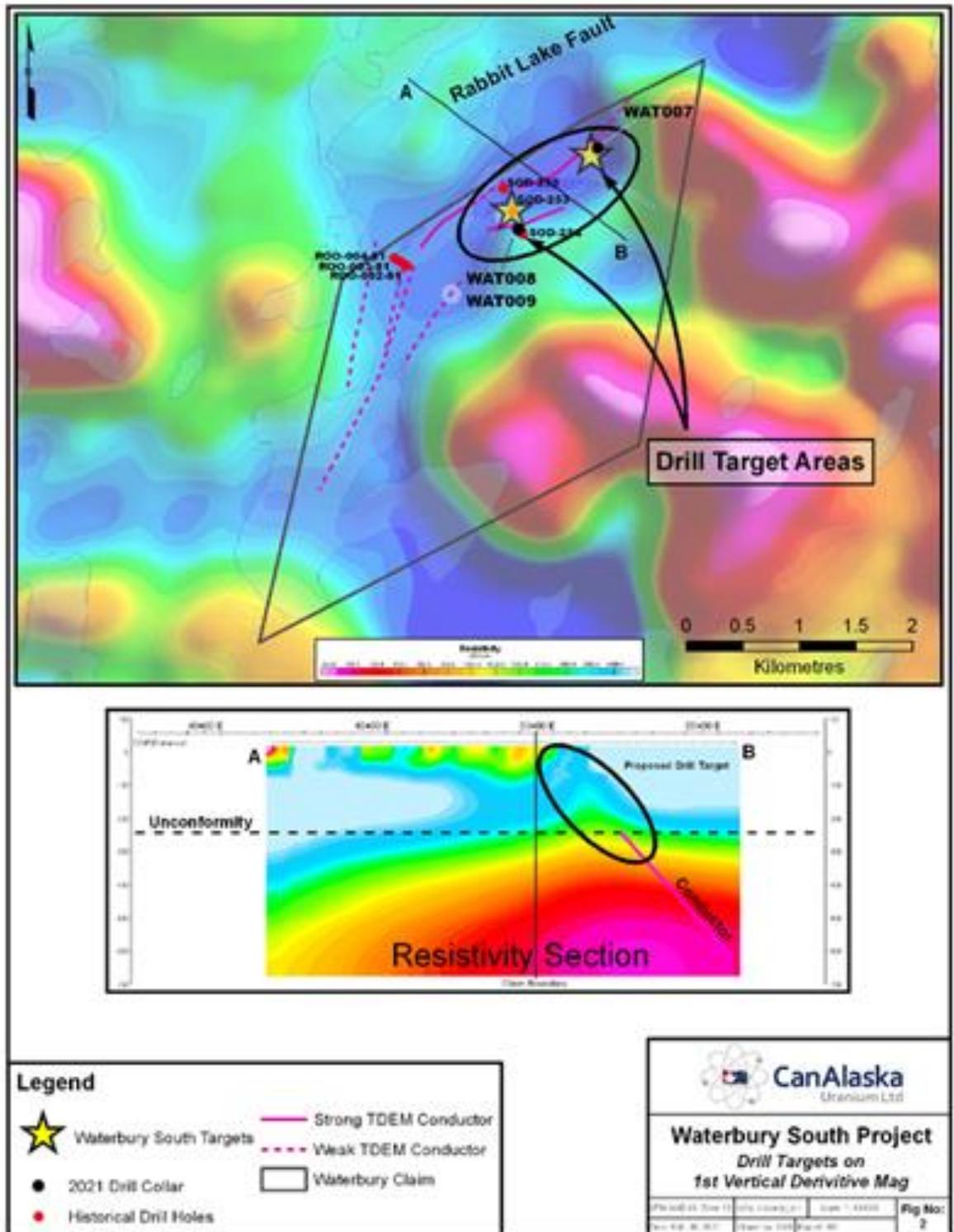
Source: Company Reports

Figure 2: Polymetallic mineralization in WAT-009

Drillhole	From (m)	To (m)	Length (m)	Rock Type	U (ppm)	As (ppm)	Ni (ppm)	Co (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Ag (ppm)
WAT-009	347.70	348.20	0.50	Sandstone	84	435	330	68	2540	1120	11500	2.1
WAT-009	348.20	349.00	0.80	Basement	64	2430	2060	127	15.7	4220	601	2.2
WAT-009	349.00	349.50	0.50	Basement	405	23400	24200	801	126	4740	3650	15.5
WAT-009	349.50	350.00	0.50	Basement	200	4930	5060	232	32.3	16100	6000	3.9
WAT-009	350.00	351.00	1.00	Basement	68	1130	1770	38.3	23.4	3250	4870	1.7

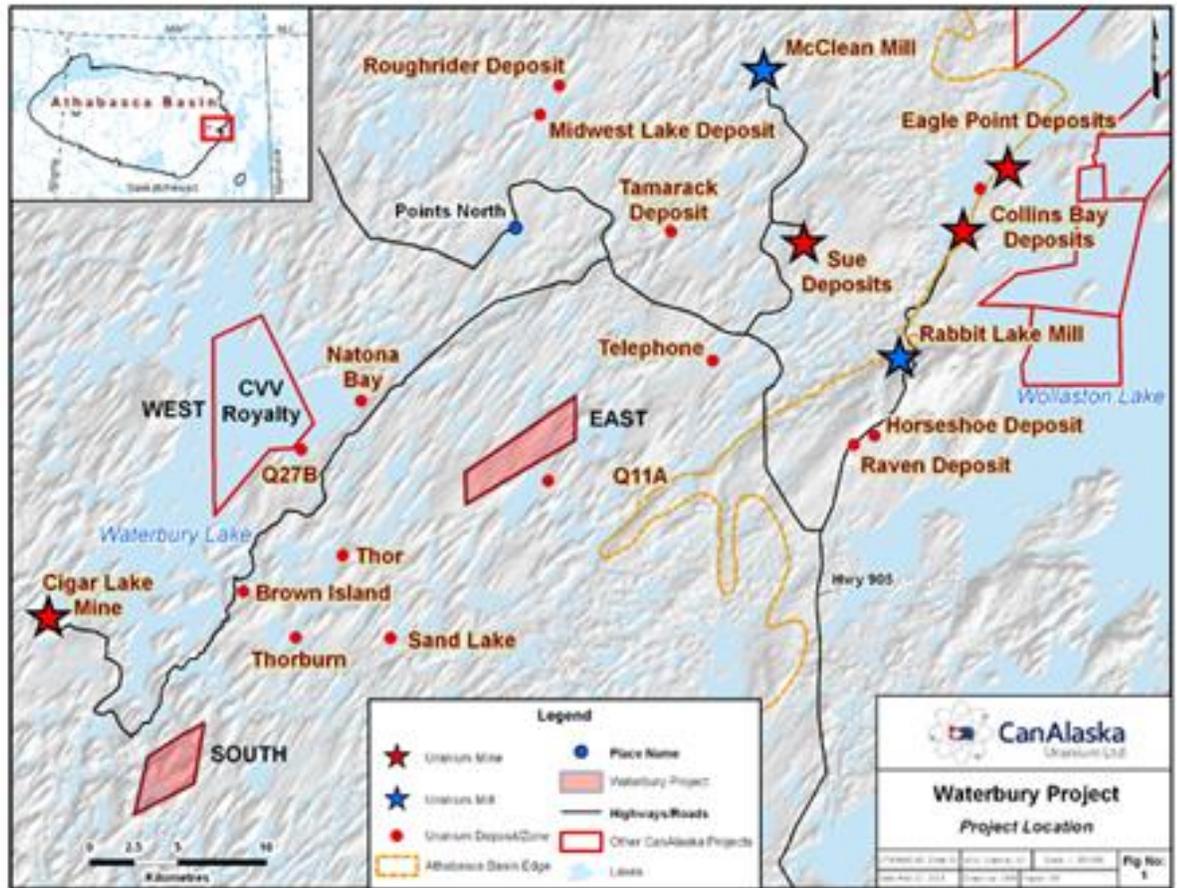
Source: Company Reports

Figure 3: Map of drill target areas at the Waterbury South project



Source: Company Reports

Figure 4: Cigar Lake in proximity to other well-established deposits



Source: Company Reports

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Disclosure Statement
 Updated June 17, 2021

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2021-03-08	NA	NA	BUY	67%
2021-05-13	BUY (S)	NA	BUY (S)	25%
			HOLD	0%
			SELL / Tender	0%
			NA	7%
			Under Review	2%

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Company Name	Ticker Symbol	Disclosures
CanAlaska Uranium Ltd.	TSXV:CVV	3,4

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