

# Azarga Uranium Corp.

(AZZ-T: C\$0.30)

BUY Target: C\$0.45 April 7, 2021 Mitch Vanderydt, P.Eng / (416) 849-7887 <u>mvanderydt@viiicapital.com</u> Felix Shafigullin / (647) 574-5032 fshafigullin@viiicapital.com

# Gas Hills Resource Update: ISR Satellite Optionality

AZZ-T	New		Last	
Rating			BUY	
Target (C\$)			0.45	
Projected Return			53%	
Target/NAV multiple			0.8x	
Corporate DCF (C\$)	0.42	▼	0.44	
Cash & Investments (C\$)			0.01	
Debt (C\$)			0.00	
Exploration & Unmodelled Resources	0.13		0.10	
Total NAV	0.56		0.54	
P/NAV	0.53x		0.29x	
Company Data				
Last Price			C\$ 0.30	
52-week Range	C\$ 0.14	-	C\$ 0.31	
Market Cap (CSMM)			C\$ 68.5	

Eastinee					CQ 0.50
52-week Range	C\$ 0.14	-	C\$ 0.31		
Market Cap (C\$MN			C\$ 68.5		
Enterprise Value (			\$52.3		
Shares Outstandin			232.2		
Shares Outstandin			274.9		
Avg Volume - 1000		958.8			
Cash (\$MM)			\$2.40		
Debt (\$MM)			\$0.10		
Working Capital (\$			\$1.82		
Forecast	2020A	2021E	2022E		LT
Spot (US\$/Ib)	29.8	32.0	35.0		50.0
Term (US\$/lb)	32.0	35.0	40.0		50.0
All Figures in US\$ Unle	ss Otherwise	Noted			

Source: FactSet, Company Reports, Eight Capital

# AZZ-T: Price/Volume Chart



#### Source: FactSet

#### **Company Description**

Azarga Uranium is developing five low cost ISR uranium properties in South Dakota and Wyoming. An updated PEA on its flagship Dewey-Burdock project indicates a pre-tax 8% NPV of \$171 MM and IRR of 55% using a \$55/Ib U308 price. Second project Gas Hills is just over 200 miles from Dewey-Burdock and hosts an ISR amenable M&I resource of 7.7MMIbs grading 0.101%. We maintain a BUY recommendation for Azarga Uranium and a 12-month target of C\$0.45/sh based on a 0.8x multiple applied to a 10% DCF model.

Azarga's resource update for its secondary Gas Hill project in Wyoming (link to PR) more than doubled its M&I resources to 10.77MMIbs U3O8 (from 4.73MM lbs) after incorporating additional mineralization previously disclosed by the company. And more importantly, 72% of this M&I component was deemed by hydrological work to be amenable to low-cost ISR mining. This ISR amenable portion of the M&I resource amounts to 7.71MMIbs grading 0.101%, which is just slightly below the M&I grade (0.116%) for AZZ's flagship Dewey-Burdock ISR project in South Dakota just over 200 miles away, which offers optionality and makes things even more interesting. A PEA will be undertaken to evaluate trade-offs between developing GH as a satellite deposit to the DB ISR project, or as a standalone, low-cost ISR project. The overall M&I+I resource also increased by 55% to 11.3MMlbs, with overall grade falling slightly to 0.076% (from 0.083%). The stock reacted positively to this news, rising to 30 cents from 26 cents since the announcement. Meanwhile, the uranium sector has recently experienced clean energy driven multiples expansion (see uranium sector note), which should bode well for Azarga as it advances through final permitting milestones, closer to production.

**Gas Hills ISR offers optionality to an already strong project.** This ISR amenable portion of GH resource creates the opportunity to truck loaded mining solution from GH to DB's ISR plant, which could extend LOM and improve the economics of the low capex, low opex DB ISR project. This trucking to an ISR satellite concept is not dissimilar to Ur-Energy's (URE-T, BUY, C\$2.45 TP) planned trucking of loaded ISR solution from its Shirley Basin deposit to its Lost Creek ISR facilities, which are a slightly lesser 175 miles apart, and which a 2015 PEA deemed economic. That said, ISR plants are relatively low-cost (total capex for DB including ISR plant is expected to be just over \$30MM), so it's possible a standalone plant at GH will end up being preferred.

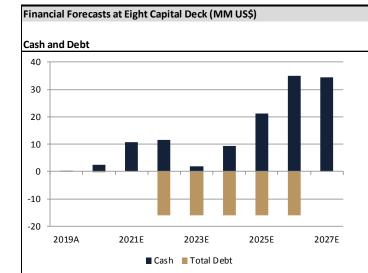
**Board hearings for remaining key permits anticipated this summer.** Dewey-Burdock already received final EPA approval for ISR mining in November (see <u>note</u>), which followed the clearing of the NRC Source and Byproduct Materials Licence before it in October. The only major step remaining is for the State of SD to issue the Mine Permit it has already recommended. We expect board hearings to take place this summer to finalize the key state permits, which are expected to culminate to a briefing schedule by around fall that outlines the public hearing process. The public hearings are expected to be completed over a 7-day period and could lead to state permit approval by YE, re-rating of the stock, and possibly even AZZ being taken out by operators of neighbouring ISR plants Cameco (CCO-T, NEUTRAL, C\$22 TP, covered by R. Profiti), Energy Fuels (EFR-T, BUY, C\$10.50 TP), Peninsula Energy (Not Rated), Uranium 1 (Not Rated), or URE.

We now assume GH's 7.1MM lbs ISR resources are pipelined to DB to extend LOM by four years. While this additional production at DB beyond the planned 16-year LOM did not move the needle much after our assumed \$15MM capex at GH (largely for wellfields), and was largely offset by pushing our first production at DB out by one year to 2023, it did help boost our NAVPS by 2 cents to C\$0.56. Azarga trades at 0.53x P/NAV vs. our uranium developer peer avg. of 0.56x.

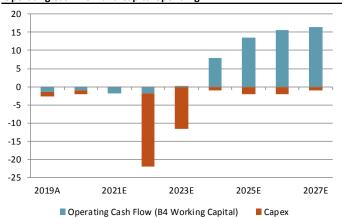
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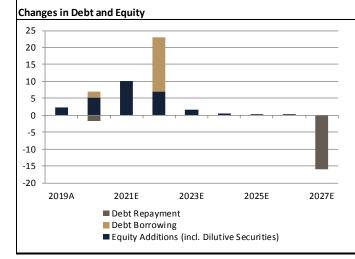
#### Net Asset Valuation at Eight Capital Price Deck (C\$)

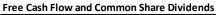
	Target Setting NAV				NAV at Various Discount Rates						
				\$	0%	6	5	5%	1	5%	
	Discount Rate	(\$MM)	(\$/Share)	(\$MI	<b>v</b> I)	(\$/Share)	(\$MM)	(\$/Share)	(\$MM)	(\$/Share)	
Uranium Assets											
Dewey Burdock (100%)	10%	118	0.47	310	)	1.24	188	0.75	75	0.30	
Gas Hills (100%)	10%	33	0.13	136	5	0.54	66	0.26	17	0.07	
Total Uranium Assets		151	0.60	446	;	1.78	254	1.02	93	0.37	
Other Assets & Expenses											
Cash		2	0.01	2		0.01	2	0.01	2	0.01	
Debt		(0)	(0.00)	(0)		-0.00	(0)	(0)	(0)	(0.00)	
Resources		33	0.13	33		0.13	33	0.13	33	0.13	
Exploration, G&A, Other	10%	(47)	(0.19)	(162	2)	-0.65	(88)	(0)	(22)	(0.09)	
Net Other Assets		(12)	(0.05)	(127	/)	-0.51	(53)	(0)	12	0.05	
Net Asset Value		139	0.56	319	)	1.27	201	0.80	105	0.42	
Share Price			0.30			0.30		0.30		0.30	
P/NAV			0.53x			0.23x		0.37x		0.70x	

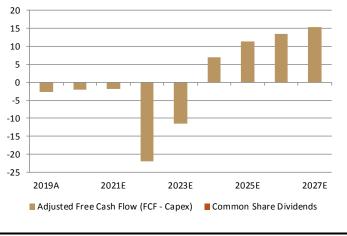


Operating Cash Flow and Capital Spending









Source: Company Reports, Eight Capital

# Azarga Uranium Corp.

Rating	rp. (AZZ-T) виу			C\$ Target	\$0.45		Shares O/S (MM	1)		23
nating	501			C\$ Close	\$0.30		Fully Diluted Sha			23
ditch Vanderydt, P.Eng, Mining	Research Analyst			12-month return	53%		Basic Mkt. Capit			C\$ 6
nvanderydt@viiicapital.com							Enterprise Value	e (ŞMM)		C\$ 6
PRODUCTION ESTIMATES (0					00005	BALANCE SHEET (US\$ MM)				
'ear-End December Dewey Burdock	<b>2018A</b> 0	<b>2019A</b> 0	<b>2020A</b> 0	<b>2021E</b>	<b>2022E</b>	Year-End December Assets:	2019A	2020A	2021E	2022E
	-	-	-	-	-	Cash & ST Investments	0.18	2.40	10.60	11.60
						Other Current Assets	0.02	0.06	0.06	0.06
						Current Assets	0.21	2.46	10.66	11.66
TOTAL	0	0	0	0	0	Mineral Properties	41.51	42.69	42.69	62.69
				- + # - >		Other Non-Current Assets	0.13	1.03	1.03	1.03
TOTAL CASH COST ESTIMATI Year-End December	ES (excl. non-cas 2018A	h, incl. wellfield 2019A			2022E	Total Assets	41.85	46.17	54.37	75.38
Dewey Burdock	0.0	0.0	0.0	0.0	9.6	Liabilities:				
						Current Liabilities	0.84	0.64	0.54	0.54
						-			0.00 5.73	16.00 6.53
						Total Liabilities	4.61	6.27	6.27	23.07
Wt. Avg. Total Cash Costs	0.0	49.2	30.5	29.3	23.0					
URANIUM RESERVES & RES									79.04 (30.9)	85.94 (33.6)
UNANIOWI RESERVES & RES	JONELJ	Tons	Grade	Cont U3O8 (N	/M lbs)	Total Shareholder Equity	37.24	39.91	48.11	52.31
	Ownership	MM t	% U3O8	100% Basis	PWE Share					
Proven and Probable Resent *The company has no NI 43-		hic time					20194	20204	2021E	2022E
The company has no ki 43-	10116361463 80 0	ins time				Total Revenue:	0.0	0.0	0.0	0.0
						% Uranium	0%	0%	0%	0%
							100%	100%	100%	100%
Total Reserves Measured and Indicated Re	sources	0.00	Itilied expenditures) (USS/ID         Other Non-Current Assets         0.13         1.03           1 Miled expenditures) (USS/ID         2022E         0.0         0.0         9.6           0         0.0         0.0         9.6         100         0.00         0.00           2         30.5         29.3         23.0         3.77         5.62           5         Grade         Cont U308 (MM lbs)         64.23         60.00           1         5         Grade         Cont U308 (MM lbs)         7         10.13         7.562           1         Total Labilities         4.6         64.23         69.04           2         30.05         29.3         23.0         7         5.62           1         Total Assets         4.16         6.77         7         5.62           1         Total Assets         4.16         6.77         7 <td< td=""><td></td><td>0.0 1.9</td><td>0.0 1.9</td></td<>			0.0 1.9	0.0 1.9			
Dewey Burdock	100%	8.49	0.11%	18.39	18.39				0.0	0.0
Centennial	100%	6.87	0.09%	10.37	10.37		0.0	0.0	0.0	0.0
Aladdin	100%	0.47							(0.1)	0.8
Gas Hills / Juniper Ridge Total Measured and Indicat	100%	12.2 27.99							(1.8) (1.8)	(2.7) (2.7)
Inferred Resources	ed Resources	27.99	0.09%	40.57	40.57				0.0	0.8
Dewey Burdock	100%	0.76	0.05%	0.83	0.83				(1.8)	(1.9)
Centennial	100%	1.36							0.0	0.0
Aladdin Cos Hills ( Iuninon Didae	100%	0.04							0.0 0.0	0.0
Gas Hills / Juniper Ridge Total Inferred Resources	100%	0.62 2.79							(1.8)	0.0 (1.9)
TOTAL RESOURCES		30.78							(1.8)	(1.9)
Current Per Pound Metrics		AZZ					()	()		()
EV/lb (US\$)		1.04	1.99	(48%)					(0.01) (0.01)	(0.01) (0.01)
									250.2	283.8
NET ASSET VALUE (C\$) - 10%	Ś		NAV (\$ MM)	/Share	% NAV					
<b>Assets:</b> Dewey Burdock + Gas Hills (	100%/)		151.2	0.60	10%/		20104	20204	2021E	2022E
Unmined Resources	100%)								(1.8)	(1.9)
Balance Sheet & Other Item	is:								0.0	0.0
Cash & Investments								. ,	0.0	0.0
Debt	-								0.0	0.0 (1.9)
Exploration, G&A, and Othe Total	r								(0.01)	(0.01)
Eight Capital DCF Target Mu	ltiple			0.80x					0.0	(20.0)
Share Price Target				0.45		Acquisitions	0.1	0.0	0.0	0.0
Long Term Uranium Price As	sumption (115¢/	lb)				Other Investing Cash Flow	0.0	(0.9)	0.0	0.0
Target(C\$/share)	30	40	50	60	70	Common Share Dividends	0.0	0.0	0.0	0.0
0% Discount	0.22	0.65	1.07	1.50	1.93	Equity Financing	2.2	5.3	10.0	6.9
5% Discount	0.18	0.44	0.69	0.94	1.20	Debt Issue	0.0	1.7	0.0	16.0
10% Discount 15% Discount	0.16 0.16	0.33	0.49	0.65 0.48	0.81 0.59	Debt Repayment Other	0.0 0.0	(1.8) 0.0	0.0 0.0	0.0 0.0
	5.10	0.20	0.57	0.70	5.55	Financing Cash Flow	2.2	5.3	10.0	22.9
COMMERCIAL URANIUM PF	ODUCTION PRO	FILE				_				
2,500					30.00	Net Change in Cash	(0.2)	2.2	8.2	1.0
					25.00	Cash Balance Free Cash Flow	0.2 (2.8)	2.4 (2.1)	10.6 (1.8)	11.6 (21.9)
2,000					- 25.00		<u>,</u> ,	\/	()	()
8		/			- 20.00	VALUATION DATA				
80 1,500 sq 00 1,000	/				्	Year-End December	2019A	2020A	2021E	2022E
<b>4</b> <b>9</b>	/				- 15.00 <b>4 /\$\$</b>	P/E P/CF				
8 1,000		<u> </u>			- 10.00	EV/EBITDA				
500						FCF Yield				
		_ []			- 5.00	INPUT PRICES				
0					0.00	INPOT PRICES	2019A	2020A	2021E	2022E
2019A 2020A	2021E 2022E 2	023E 2024E 20	25E 2026E 2027	E 2028E 2029E 2030		Eight Capital Spot Uranium (US\$/Ib)	25.7	29.8	32.0	35.0
	Dewey Bur	dock 🗕 Cash	Cost 🛶 Total	Cash Cost		Uranium Realized Price (US\$/Ib)	0.0	0.0	0.0	0.0
	, our					Exchange (US\$/C\$)	0.75	0.73	0.78	0.81

Source: Company Reports, FactSet, Eight Capital

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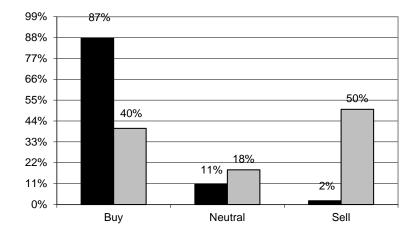
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