

URANIUM WEEKLY

Momentum Building with Eight Straight Up-Ticks for Spot Price

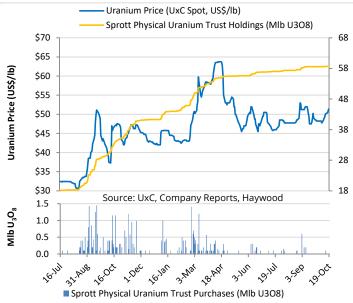
NOTES FROM DOE INDUSTRY DAY ON HALEU ACQUISITION PROGRAM

Uranium Price Update & Sector Commentary: Close of October 19th, 2022

By mid-week the uranium spot price has strung together eight consecutive positive sessions, gaining just under 8% as broader market volatility has remained elevated, with the VIX sitting at just over 31, well above average. It's also worth noting that the positive uranium price moves were largely managed without much help from the Sprott Physical Uranium Trust, which only bought 100 klb on one day during the mini rally. In production news, BHP reported Olympic Dam uranium production of 817 t (~1.8Mlb U₃O₈) for FQ1/23 (Sept. 2022), up 54% YoY vs the Sept. 2021 guarter, but up just 5% vs the June 2022 quarter. Late last week we sat in on the U.S. DoE's Industry Day covering the High Assay Low Enriched Uranium (HALEU) Acquisition Project (HAP). Both the 'Energy Act' of 2020 and the Inflation Reduction Act of 2022 have provisions for substantial funding to advance the stated objective of establishing "a diverse, domestic, market-based HALEU supply chain supporting energy security, nuclear technology innovation and achievement of climate goals." The HAP program has been established to "serve as a catalyst to establish HALEU enrichment capability in the United States". The program will accomplish this by making a guaranteed market for the purchase of HALEU, representing sufficient demand to encourage private sector investment in new capabilities. All HALEU the DOE would acquire must be enriched using either new or expanded enrichment capacity located in the USA. The DOE plans to purchase 25 mt of HALEU (19.75% U²³⁵) annually over a period of 10 years. Our calcs suggest this requires ~3.1 Mlb U₃O₈ annually (conv. factor of 2.613/enrichment tails assay of 0.3% U²³⁵).

Uranium Equities - News

- Baselode Energy Corp. (FIND-V, Not Rated): Announced geochemical assay results from its Hook Project – <u>link to Oct. 19th PR</u>
- GTI Resources Ltd (GTR-AU, Not Rated): Completed the first 40 holes of its 70-hole drill program – link to Oct. 19th PR
- Denison Mines Corp. (DML-T, Rating: BUY, Target: \$2.90): Announced milestone recovery of uranium bearing solution via ISR at the Phoenix deposit – link to Oct.17th PR - Haywood Note



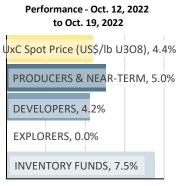
Uranium required and cost to make 1kg of EUP ($4.5\% U^{235}$): Mine/plant output of 26.7 lb U₃O₈ (\$1,372 cost) -> Conversion to UF₆ (\$388 cost) -> delivers 10.22 kgU as UF₆ (\$1,761 cumulative cost) -> enrichment: 6.23 SWU (\$573 cost) -> delivers 1kg EUP (\$2,334 cumulative cost). (US\$, spot U₃O₈, tails assay of 0.30% U²³⁵)

- Uranium Energy Corp (UEC-US, BUY Rating, \$6.60 Target): Closed previously announced acquisition of Roughrider uranium project – <u>link</u> to Oct. 17th PR
- 92 Energy Limited (92E-AU, Not Rated): Issued an update on its maiden drilling program at its Tower Property – <u>link to Oct. 17th PR</u>
- Laramide Resources Ltd. (LAM-T, Not Rated): Commenced 2nd phase of 2022 drilling program at its Westmoreland Project-<u>link to Oct. 18th PR</u>

UxC U ₃ O ₈ Prices	(USD per pound)
SPOT (1-day ∆):	\$51.40 (+0.7%)
(1-week Δ):	(+4.4%)
(1-month Δ):	(+4.9%)
3-year (1-week ∆):	\$56.00 (unchanged)
5-year (1 -week Δ):	\$59.50 (unchanged)
LT (@Sept. 26 th , 1-mth	۱ Δ): \$49.00 (- <mark>2.0%</mark>)

October 20, 2022

⁺ UxC Spot Price published daily, 3y, 5y pricing published weekly on Monday. UxC Long-Term price published last Monday of month.

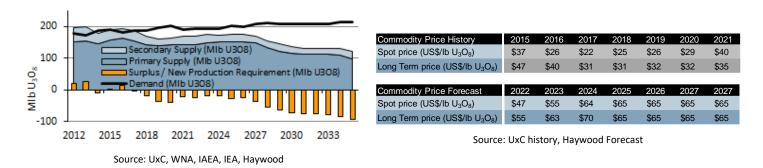


0.0% 2.0% 4.0% 6.0% 8.0% Source: UxC, CapitallQ, Haywood



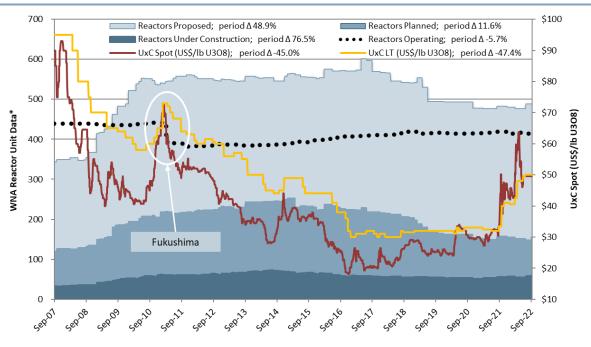
SPUT eU₃O₈ Holdings (Mlb)

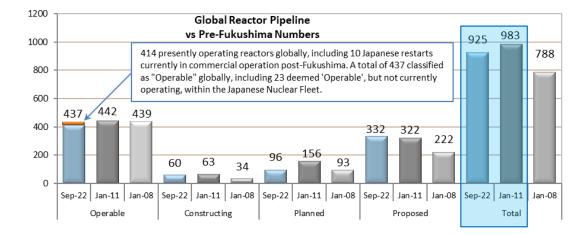
Uranium Sector – Haywood Supply / Demand Model & Uranium Price History & Forecast (annual average)



Global Civil Nuclear Reactor Pipeline Evolution







Source: WNA (September 2022 data), UxC, Haywood Securities



Uranium Sector Top Picks & Covered Names

NexGen (NXE-T, Rating: BUY, Target: \$7.50)

Our Take: NXE remains a top pick in the uranium space due to the disruptive potential of the Arrow deposit, with its massive scale and strong economics. Link to Most Recent Report

- Top Asset: We view the Arrow deposit as 'the best undeveloped uranium asset globally and highly strategic'. The February 2021 Feasibility Study outlined a >21 Mlb U₃O₈ per year, 10-year mine operation with an after-tax NPV_{8%} of \$3.47B at US\$50/lb uranium.
- Take-Out Candidate: We believe that it is critical for major producers to control this deposit because of its disruptive potential and that
 this is the strategic key to preserving the value of existing deposits and maintaining the ability to affect price with output decisions.
- Ultra Low-Cost: The Feb. 2021 Arrow Feasibility Study suggests cash operating costs of US\$5.69/lb implying an industry leading margin for a tier 1 scale operation.
- Catalysts: H2/2022 results of field programs, including updates on FEED work and results of field and exploration activities.
- Cash of \$164 million

Denison Mines (DML-T, Rating: BUY, Target: \$2.90)

Our Take: The core strength of Denison remains its ability to leverage its technical team and knowledge gained in studying ISR and its applicability to unconformity-hosted uranium deposits in the Basin. Denison's unique (to the Athabasca) plan to in-situ leach the Phoenix deposit is perceived as technically challenging, but with a very high potential reward, with a PFS-supported cost profile among the lowest in the world, due to the extremely high grades at Phoenix. Link to Most Recent Report

- De-risking Phoenix with freeze-wall trade-off study. Late 2020, Denison announced the results of a trade-off study examining the use of 'freeze walls' and sequential ISR mining phases to replace the 'freeze dome' outlined for the Phoenix deposit in the Wheeler River project Preliminary Feasibility Study (PFS). The proposed freeze wall approach is simpler and offers more control in each mining cell/phase and improves the risk profile on the mine plan.
- New approach should mean lower CAPEX hurdle. Mining of Phoenix via ISR was already a very attractive economic proposition, with initial CAPEX in the PFS at <\$325M and OPEX of US\$3.33/lb U₃O₈. The trade-off study is preliminary but lower initial CAPEX is supportable as the phased freeze wall approach is simpler and less costly to initial production.
- Catalysts: H1/2022 Further technical work to de-risk the ISR mining approach to Phoenix at Wheeler River in support of a future full Feasibility Study (estimated late 2022 delivery) for Wheeler River integrating the extensive technical advancements made since the 2018 PFS. 2022 - Exploration results - seeking satellite deposits at Wheeler River; and Studies for other potentially ISR amenable projects similar to THT/Waterbury.
- Cash of ~\$56 million, plus 2.5 Mlb U₃O₈ as long-term investment.

Other Covered Names

- Energy Fuels Inc. (EFR-T, UUUU-US) Rating: Buy; Target: US\$6.75 Target (last report)
- IsoEnergy. (ISO-V) Rating: Buy; Target: \$7.00 (last report)
- Uranium Energy Corp. (UEC-US) Rating: Buy; Target: US\$6.60 Target (last report)

Coverage Universe

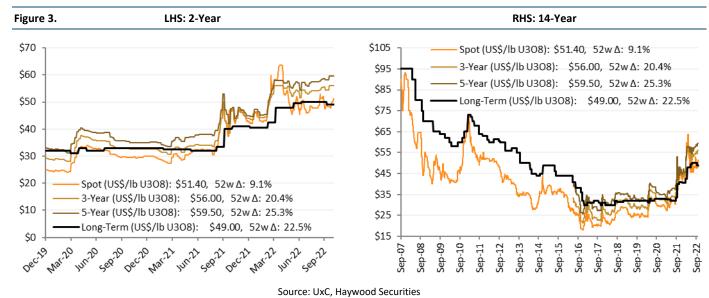
Figure 2. Uranium Sector Haywood Coverage

Commonie	Ticker	Analysé	Last	Shares	MC	EV	Target	Return	Datina	NAVPS	CFPS	(US\$)
Company	Ticker	Analyst	Price (C\$)	O/S (M)	(C\$M)	(C\$M)	(C\$)	(%)	Rating	(US\$)	2022E	2023E
Denison Mines	DML-T	CH	\$1.63	818	\$1,333	\$1,267	\$2.90	78%	BUY	C\$2.85	(\$0.01)	(\$0.01)
Energy Fuels	UUUU-US	CH	US\$6.61	158	US\$1,042	US\$1,310	US\$6.75	2%	BUY	\$6.73	(\$0.02)	\$0.20
IsoEnergy Ltd.	ISO-V	CH	\$3.37	107	\$360	\$369	\$7.00	108%	BUY	C\$7.02	(\$0.07)	(\$0.07)
NexGen Energy	NXE-T	CH	\$5.30	480	\$2,543	\$2,469	\$7.50	42%	BUY	C\$7.50	(\$0.03)	(\$0.03)
Uranium Energy	UEC-US	CH	US\$4.02	364	US\$1,463	US\$1,432	US\$6.60	64%	BUY	\$6.55	(\$0.08)	(\$0.08)

Source: Haywood Securities



Uranium Price Charts



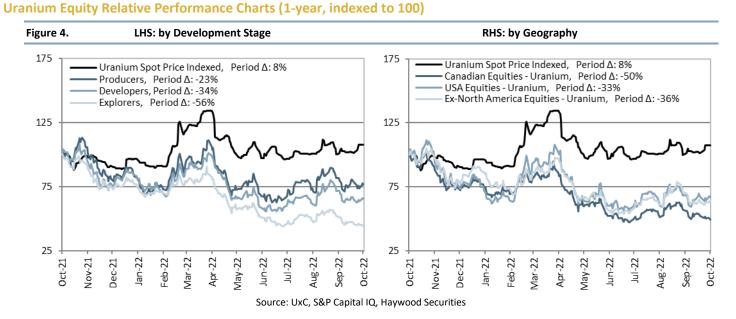




Figure 5. Uranium Sector Comps with 1-Week Performance Data

		Consensus	Targets			In-Situ	Comps - EV/lb	U308	NAVCo	mns	Ca	sh Flow Co	mps	
		IBES	, raigoto	Shares	Market		Total Reserves		IBES	mpo		P/CFPS		Performance
Company (Ticker)		Consensus	Implied	Outst.	Capitalization	Value (USD)	& Resources	USD EV/lb	Consensus	Price /				Oct. 12, 2022
Haywood Covered Names bold	Share Price	Target	Return	(millions)	(millions)	(millions)	(M lb)	Resource	NAV	Nav	2022	2023	2024	to Oct. 19, 2022
Cameco Corporation (CCO-T)	\$31.41	\$43.40	38%	398	\$12,515	\$8,804	1078.4	\$8.16	\$27.98	1.12x	30.4x	15.0x	14.7x	2.0%
Kazatomprom (KAP-LSE)	\$28.00	\$38.54	38%	259	\$7,262	\$7,390	1339.5	\$5.52	\$40.27	0.70x	11.1x	8.4x	6.1x	1.4%
Paladin Energy (PDN-AU)	\$0.81 \$4.02	\$0.72 \$6.92	(11)% 72%	2,979 346	\$2,413 \$1,392	\$1,376 \$1,361	381.7 306.7	\$3.61 \$4.44	\$1.28 \$6.23	0.63x 0.65x		5062.5x	44.7x	7.4%
Uranium Energy (UEC-US) Energy Fuels (UUUU-US)	\$4.02	\$0.92	47%	158	\$1,392 \$1,042	\$950.0	119.6	\$4.44 \$7.95	\$8.96	0.05x		22.4x	165.3x	9.8%
Boss Energy (BOE-AU)	\$2.64	\$3.30	25%	353	\$930.8	\$501.1	71.4	\$7.02	\$3.20	0.83x		22.77	28.9x	4.4%
Energy Resources (ERA-AU)	\$0.21	<i>Q</i> 0.00	2070	3,691	\$756.7	\$392.7	302.3	\$1.30	\$0.20	0.000			20.07	0.1%
Ur-Energy Inc. (URE-T)	\$1.59	\$4.08	156%	223	\$354.3	\$228.1	41.3	\$5.52	\$4.11	0.39x		19.9x		0.7%
Lotus Resources (LOT-AU)	\$0.24	\$0.31	32%	1,326	\$311.6	\$192.1	44.2	\$4.35	\$0.32	0.73x				12.0%
Peninsula Energy (PEN-AU)	\$0.17	\$0.35	115%	999	\$164.8	\$95.6	53.7	\$1.78	\$0.40	0.41x	116.2x			3.2%
Group Average - Producers								\$4.96		0.69x	52.6x	1025.6x	51.9x	5.0%
NexGen Energy (NXE-T)	\$5.30	\$9.32	76%	480	\$2,543	\$1,791	337.8	\$5.30	\$8.35	0.63x				5.4%
Denison Mines (DML-T)	\$1.63	\$2.08	28%	818	\$1,333	\$918.7	207.5	\$4.43	\$2.55	0.64x				2.6%
Global Atomic (GLO-T)	\$3.94	\$6.07	54%	180	\$710.9	\$505.2	161.1	\$3.14	\$5.64	0.70x				8.0%
Deep Yellow (DYL-AU)	\$0.81	\$1.05	30%	732	\$592.6	\$333.7	392.2	\$0.85						5.3%
Fission Uranium (FCU-T)	\$0.67	\$1.28	90%	682	\$456.7	\$304.9	130.3	\$2.34	\$1.43	0.47x				3.1%
American Lithium (LI-V)	\$2.06	\$8.63	319%	208	\$428.7	\$299.4	123.4	\$2.43	\$11.00	0.19x				4.1%
IsoEnergy Ltd. (ISO-V)	\$3.37	\$6.50 \$7.60	93% 108%	107 108	\$360.0 \$393.8	\$267.6	51.3 129.6	\$5.22 \$2.03	\$6.61	0.51x 0.48x				(7.1)% 14.1%
enCore Energy (EU-V) Bannerman Energy (BMN-AU)	\$3.66 \$2.08	\$7.60 \$2.96	42%	108	\$393.8 \$311.2	\$263.2 \$162.7	238.8	\$2.03 \$0.68	\$7.55	U.40X				14.1%
GoviEx Uranium (GXU-V)	\$2.00	\$2.96	42%	593	\$311.2 \$130.4	\$162.7	230.0	\$0.68 \$0.49	\$0.89	0.25x				0.0%
Forsys Metals (FSY-T)	\$0.22	ψ0.00	15570	195	\$130.4	\$98.0	127.0	\$0.49	<i>w</i> 0.03	0.200				12.3%
Laramide Resources (LAM-T)	\$0.50	\$0.80	60%	208	\$104.2	\$73.1	122.7	\$0.60						3.1%
A-Cap Energy (ACB-AU)	\$0.08			1,232	\$92.4	\$50.4	190.6	\$0.26						12.0%
Berkeley Energia (BKY-AU)	\$0.27			446	\$120.4	\$25.4	89.4	\$0.28						3.9%
Western Uranium (WUC-L)	\$1.41			44	\$61.5	\$34.1	52.4	\$0.65						1.5%
Toro Energy (TOE-AU)	\$0.02			3,897	\$66.3	\$38.0	90.9	\$0.42						0.1%
Anfield Energy (AEC-V)	\$0.07	\$0.25	257%	624	\$43.7	\$25.8	22.5	\$1.15	\$0.42	0.17x				0.0%
Energy Metals (EME-AU)	\$0.14			210	\$29.4	\$9.2	57.6	\$0.16						(6.6)%
Group Average - Developers								\$1.72		0.45x				4.2%
Alligator Energy (AGE-AU)	\$0.06			3,303	\$181.7	\$97.0								7.9%
Consolidated Uranium (CUR-V)	\$1.91	\$4.15	117%	77	\$146.8	\$88.3	89.6	\$0.99						2.7%
Elevate Uranium (EL8-AU)	\$0.51			275	\$139.1	\$77.5	137.5	\$0.56						13.6%
DevEx Resources (DEV-AU)	\$0.30			360	\$107.9	\$63.0								(3.1)%
Mega Uranium (MGA-T)	\$0.24	\$0.98	144%	359 144	\$84.3 \$57.7	\$50.5	7.0	\$5.57	\$1.01	0.40x				9.3%
Skyharbour Resources (SYH-V) Baselode Energy (FIND-V)	\$0.40 \$0.67	\$0.90	144 %	87	\$57.7	\$38.8 \$34.2	7.0	\$0.0 <i>1</i>	\$1.01	0.40X				1.3% (4.2)%
ValOre Metals (VO-V)	\$0.35	\$1.05	200%	154	\$53.8	\$36.9	43.5	\$0.85						(5.4)%
Appia Rare (API-L)	\$0.45	¢1.00	20070	123	\$55.4	\$34.5	55.8	\$0.62						(8.1)%
Azimut Exploration (AZM-V)	\$0.58	\$2.65	357%	79	\$46.0	\$18.8								1.8%
92 Energy (92E-AU)	\$0.52			88	\$45.7	\$21.2								9.6%
Aurania Resources (ARU-V)	\$0.51			54	\$27.5	\$24.0								10.9%
CanAlaska Uranium (CVV-V)	\$0.42			102	\$42.3	\$21.9								(2.3)%
Blue Sky (BSK-V)	\$0.14			200	\$27.0	\$17.7	22.7	\$0.78						(3.5)%
Okapi Resources (OKR-AU)	\$0.25			136	\$33.3	\$20.2								9.0%
Purepoint Uranium (PTU-V)	\$0.07			369	\$25.8	\$15.6								7.7%
Globex Mining (GMX-T)	\$0.62			56	\$34.5 \$24.1	\$10.8								(18.4)%
GTIEnergy (GTR-AU) Forum Energy (FMC-V)	\$0.02 \$0.11			1,505 172	\$24.1 \$18.1	\$10.8 \$10.7	0.6	\$18.00						6.8% (4.5)%
Standard Uranium (STND-V)	\$0.11			166	\$10.1 \$17.4	\$10.7	0.0	φ10.00						(4.5)%
Fission 3.0 (FUU-V)	\$0.08			302	\$24.2	\$4.6								(5.8)%
Azincourt Energy (AAZ-V)	\$0.05			227	\$11.4	\$0.6								0.0%
ALX Resources (AL-V)	\$0.05			208	\$9.4	\$5.1								0.0%
Cauldron Energy (CXU-AU)	\$0.01			535	\$6.2	\$4.0	30.9	\$0.13						4.6%
Tarku Resources (TKU-V)	\$0.03			86	\$2.6	\$1.9								0.0%
Northern Uranium (UNO'H-V)	\$0.02			162	\$2.4	\$1.8								0.0%
X-Terra Resources (XTT-V)	\$0.02			99	\$2.0	\$1.2								0.0%
Avrupa Minerals (AVU-V)	\$0.02			55	\$1.1	\$0.5	0.0	0005						0.0%
International Prospect (IZZ-V)	\$0.05			41	\$1.8	\$1.2	0.6	\$2.05						0.0%
Vanadian Energy (VEC-V)	\$0.03 \$0.16			42 5	\$1.1 \$0.8	\$1.0 \$0.3								(16.6)%
Uravan Minerals (UVN-V)	\$0.16			5 98	\$0.8 \$5.4	\$0.3 (\$4.8)								0.0% (8.3)%
Eros Resources /ERC \A	φ 0.0 6	I		30	φυ.4	(\$4.8)		\$3.28						(8.3)% 0.0%
Eros Resources (ERC-V) Group Average - Explorers														
Group Average - Explorers														
Group Average - Explorers	\$17.22	¢02.50	360/	236	\$2.070	\$3.001	59.7	\$51.40						7 በ%
Group Average - Explorers INVENTORY FUNDS Sprott Physical (U.UN-T)	\$17.33 £4.11	\$23.50 £5.80	36% 41%	236 183	\$2,970 £752.2	\$3,021 \$714,9	58.7 19.8	\$51.49 \$36.05				_		7.0%
Group Average - Explorers	\$17.33 £4.11	\$23.50 £5.80	36% 41%	236 183	\$2,970 £752.2	\$3,021 \$714.9	58.7 19.8	\$51.49 \$36.05						8.0%
Group Average - Explorers INVENTORY FUNDS Sprott Physical (U.UN-T)														



Figure 6. Uranium Equities β eta to Uranium price, plus $\beta_{equity/uranium}/\sigma_{equity}$

Ticker	Company	β uranium (Last 1-year, Weekly Simple Returns)	$\beta_{\text{uranium}}/\sigma_{\text{equity}}$	Absolute Return (%)	Rank Beta	Rank $eta_{uranium}/\sigma_{equity}$	Rank Absolute Return
ASX:EL8	Elevate Uranium Ltd	1.67	12.303	(17%)	1	4	12
TSXV:AEC	Anfield Energy Inc.	1.55	11.473	(53%)	2	7	41
US:UEC	Uranium Energy Corp.	1.52	9.913	13%	3	15	2
ASX:TOE	Toro Energy Limited	1.48	11.559	(55%)	4	6	43
ASX:PEN	Peninsula Energy Limited	1.44	13.728	(43%)	5	1	33
ASX:BMN	Bannerman Energy Ltd	1.42	11.300	(50%)	6	8	37
ASX:AGE	Alligator Energy Limited	1.37	10.066	(32%)	7	14	22
TSXV:FMC	Forum Energy Metals Corp.	1.37	9.282	(79%)	8	21	63
ASX:DYL	Deep Yellow Limited	1.36	11.294	(30%)	9	9	17 27
TSX:FSY	Forsys Metals Corp.	1.32	9.478	(37%)	10	19	27
ASX:92E ASX:LOT	92 Energy Limited	1.29 1.27	10.129 11.608	(39%)	11 12	13 5	15
ASX:LUT ASX:OKR	Lotus Resources Limited Okapi Resources Limited	1.27	9.760	(29%) (60%)	12	16	47
CNSX:WUC	Western Uranium & Vanadium		9.358	(61%)	13	20	47
ASX:GTR	GTI Energy Ltd	1.24	9.126	(52%)	14	20	39
TSXV:URC	Uranium Royalty Corp.	1.22	10.467	(52%)	16	12	38
TSXV.ORC	Ur-Energy Inc.	1.22	10.786	(32%)	10	11	19
TSXV:FIND	Baselode Energy Corp.	1.16	9.629	(45%)	18	18	34
TSXV:ISO	IsoEnergy Ltd.	1.09	7.857	(28%)	19	34	14
TSXV:GXU	GoviEx Uranium Inc.	1.06	8.063	(56%)	20	33	44
TSX:EFR	Energy Fuels Inc.	1.06	8.731	(12%)	20	25	9
ASX:BKY	Berkeley Energia Limited	1.05	8.480	(11%)	22	29	8
ASX:BOE	Boss Energy Limited	1.04	11.269	0%	23	10	4
TSX:MGA	Mega Uranium Ltd.	1.03	8.175	(36%)	24	32	23
TSXV:EU	enCore Energy Corp.	0.99	9.033	(36%)	25	23	25
ASX:ACB	A-Cap Energy Limited	0.98	6.628	(3%)	26	43	5
TSXV:SYH	Skyharbour Resources Ltd.	0.92	7.408	(49%)	27	39	36
TSX:FCU	Fission Uranium Corp.	0.92	8.393	(41%)	28	31	30
TSXV:UNO.H	Northern Uranium Corp.	0.90	6.618	(73%)	29	44	58
ASX:PDN	Paladin Energy Ltd	0.88	9.655	(14%)	30	17	10
TSX:GLO	Global Atomic Corporation	0.88	9.009	(6%)	31	24	7
AIM:YCA	Yellow Cake plc	0.88	13.374	7%	32	2	3
TSX:DML	Denison Mines Corp.	0.87	8.622	(29%)	33	28	16
TSXV:FUU	Fission 3.0 Corp.	0.86	7.008	(64%)	34	41	53
TSXV:XTT	X-Terra Resources Inc.	0.86	5.182	(60%)	35	49	48
TSXV:AAZ	Azincourt Energy Corp.	0.83	7.792	(78%)	36	36	62
TSX:NXE	NexGen Energy Ltd.	0.82	8.695	(31%)	37	26	18
TSXV:PTU	Purepoint Uranium Group Inc.	0.82	7.417	(52%)	38	38	40
TSXV:CVV	CanAlaska Uranium Ltd.	0.81	5.275	(47%)	39	48	35
TSX:U.U	Sprott Physical Uranium Trust Fi	0.76	12.714	14%	40	3	1
TSX:CCO	Cameco Corporation	0.74	8.661	(5%)	41	27	6
ASX:EME	Energy Metals Limited	0.73	7.735	(65%)	42	37	54
TSXV:VEC	Vanadian Energy Corp.	0.70	3.451	(72%)	43	56	57
TSX:GMX	Globex Mining Enterprises Inc.	0.67	7.808	(36%)	44	35	24
TSXV:CUR	Consolidated Uranium Inc.	0.67	7.043	(32%)	45	40	21
ASX:DEV	DevEx Resources Limited	0.66	4.669	(15%)	46	50	11
TSXV:BSK	Blue Sky Uranium Corp.	0.64	5.979	(58%)	47	47	45
TSXV:VO	ValOre Metals Corp.	0.59	6.281	(20%)	48	45	13
CNSX:API	Appia Rare Earths & Uranium Co		4.322	(42%)	49	52	31
TSXV:AL	ALX Resources Corp.	0.58	6.217	(64%)	50	46	52
TSXV:AVU	Avrupa Minerals Ltd.	0.57	3.835	(76%)	51	55	61
TSXV:STND	Standard Uranium Ltd.	0.57	4.543	(73%)	52	51	59
KAS:KZAP	JSC National Atomic Company K		8.422	(32%)	53	30	20
ASX:ERA	Energy Resources of Australia Li		6.888	(54%)	54	42	42
TSXV:UVN TSXV:ERC	Uravan Minerals Inc.	0.45 0.38	4.308 3.979	(59%) (42%)	55 56	53 54	46 32
	Eros Resources Corp.						32 60
TSXV:IZZ	International Prospect Venture	0.37	3.338	(76%)	57	57	26
TSXV:LI ASX:LAM	American Lithium Corp. Laramide Resources Ltd.	0.29 0.28	2.171 3.255	(37%) (40%)	58 59	59 58	26 29
ASX:LAIVI	Cauldron Energy Limited	0.28	1.583	(63%)	60	61	50
TSXV:AZM	Azimut Exploration Inc.	0.23	2.067	(63%)	61	60	50
TSXV:AZIVI	Tarku Resources Ltd.	0.13	0.295	(70%)	62	62	55
TSXV:IKU	Aurania Resources Ltd.	-0.02	-0.147	(64%)	63	63	55
IJAV.ANU	Aurania nesources Ltu.	-0.02 Source: LIXC Canitalli			05	05	51

Source: UxC, CapitalIQ, Bloomberg, Haywood



Figure 7. Uranium Comps Performance with Short Interest / Days to Cover

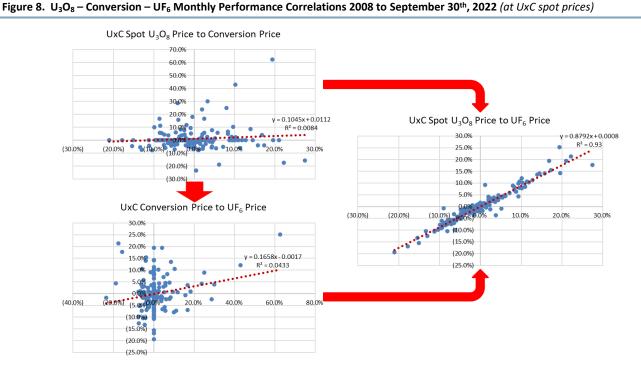
S&P/TSX VENTURE COMPOSITE S&P/TSX 60 INDEX T CAMECO CORPORATION C KAZATOMPROM S PALADIN ENERGY L URANIUM ENERGY L URANIUM ENERGY CORP U ENERGY FUELS INC BOSS EN FPO ENERGY RESOURCES UR ENERGY INC LOTUS RESOURCES LL PENINSULA ENERGY NEXGEN ENERGY LTD DENISON MINES CORPORATION GLOBAL ATOMIC CORPORATION DEEP YELLOW FISSION URANIUM CORP AMERICAN LITHIUM CORP BANNERMAN ENERGY BANNERMAN ENERGY GOVIEX URANIUM INC FORSYS METALS CORP LARAMIDE RESOURCES LTD A-CAP ENERGY DENISON URANIUM & VANADIUM CORP AMERICAN LITHIUM & VANADIUM CORP AMERICAN LITHIUM & VANADIUM CORP AMERICAN LITHIC C A-CAP ENERGY CON C AND C AND C AND C C C C C C C C C C C C C C	.TTT-T .JX-T	3.8% / 1.3 6.2% / 8.7 13.2% / 4.8 18.0% / 7.7 3.4% / 6.4 0.0% / 0.1 4.3% / 5.8 1.2% / 2.1 1.0% / 2.4 6.2% / 5.5 1.6% / 3.6 1.8% / 3.4 1.5% / 3.0 0.8% / 2.4 1.4% / 2.9 0.4% / 1.5	(0.7)% (0.2)% (0.5)% (1.7)% 1.2% 1.3% (1.2)% (0.4)% (4.7)% (3.0)% 2.2% (2.9)% (2.9)% (2.4)% (1.8)% 0.3% 0.6% (5.6)%	1.9% 1.1% 2.1% 6.4% 0.0% 4.5% 11.7% 9.1% 2.7% (6.8% 3.2% 6.8% (2.9)% 5.2% 7.2% 4.2%	0.5% (3.4)% 0.8% (14.3)% (1.1)% 3.8% 0.8% (2.1)% (1.5)% (2.4)% (1.2)% 4.4% (0.0)%	(4.5)% (6.2)% (4.3)% (16.3)% (1.8)% (1.3)% (1.3)% (2.3% (10.9)% (8.1)% 0.0% (2.9)%	(2.0)% (4.7)% (1.9)% 4.6% (2.7)% 18.2% 15.2% 13.8% 30.0% (8.9)% 12.0% 0.0% (10.8)%	(12.0)% (37.5)% (12.0)% (23.8)% (23.8)% (23.8)% (20.0% (13.4)% 17.3% (39.7)% 3.2% (24.2)% (17.5)% (4.3)%	(11.4)% (38.2)% (10.6)% (4.6)% (38.1)% (14.3)% 12.9% (20.1)% 0.0% (54.4)% (31.8)% (28.8)% (43.1)%	14.7% (18.2) 16.4% 97.9% 592.3% 318.8% 310.6% 415.6% 32.3% 156.5% 161.1% 157.8%
S&P/TSX 60 INDEX T CAMECO CORPORATION C KAZATOMPROM S KAZATOMPROM S KAZATOMPR	T.XLX-T CCO-T (AP-LN PDN-AU JCC-US UUU-US JOE-AU URE-T URE-T OT-AU PEN-AU PEN-AU PEN-AU NXE-T DML-T GLO-T DVL-AU FCU-T LI-V ISO-V EU-V GXU-V FSY-T	6.2% / 8.7 13.2% / 4.8 18.0% / 7.7 3.4% / 6.4 0.0% / 0.1 4.3% / 5.8 1.2% / 2.1 1.0% / 2.4 6.2% / 3.7 6.2% / 3.7 6.2% / 5.5 1.6% / 3.6 1.8% / 3.4 1.5% / 3.0 0.8% / 2.4 1.4% / 2.9	(0.5)% (1.7)% 1.2% 1.3% (1.2)% (0.4)% (4.7)% (3.0)% 2.2% (2.9)% (2.4)% (1.8)% 0.3% 0.6%	2.1% 6.4% 0.0% 4.5% 11.7% 9.1% 2.7% (6.8)% 3.2% 6.8% (2.9)% 5.2% 7.2%	0.8% (14.3)% (1.1)% 3.8% 0.8% (2.1)% (1.5)% (2.4)% (1.2)% 4.4% (0.0)%	(4.3)% (16.3)% (1.8)% 3.1% (1.3)% 2.3% (10.9)% (8.1)% 0.0% (2.9)%	(1.9)% 4.6% (2.7)% 18.2% 15.2% 13.8% 30.0% (8.9)% 12.0% 0.0% (10.8)% 5.8%	(12.0)% 13.9% (23.8)% (8.0)% 20.0% (13.4)% 17.3% (39.7)% 3.2% (24.2)% (24.2)% (17.5)% (4.3)%	(10.6)% (4.6)% (38.1)% (14.3)% (20.1)% (20.1)% (20.1)% (24.4)% (31.8)% (28.8)% (28.8)% (28.8)% (28.1)%	16.4% 154.19 97.9% 592.39 318.89 310.69 415.69 32.3% 156.59 161.19 157.8%
CAMECO CORPORATION CA KAZATOMPROM S KA KAZATOMPROM S KA VIRANIUM ENERGY L PPI URANIUM ENERGY CORP U URANIUM ENERGY CORP U ENERGY TUELS INC U BOSS EN FPO BR ENERGY RESOURCES E UR ENERGY INC U LOTUS RESOURCES LC DIS RESOURCES LC DENISON MINES CORPORATION C GLOBAL ATOMIC CORPORATION C GLOBAL ATOMIC CORPORATION C ELEY FULLOW F ISSION URANIUM CORP F BANGERGY LTD I ENCORE ENERGY CORP BANERICAN LITHIUM CORP BOOVIEX URANIUM INC FORSYS METALS CORP LARAMIDE RESOURCES LTD L LARAMIDE RESOURCES LTD L LARAMIDE RESOURCES LTD L A-CAP ENERGY AMFELCE NERGIA B WESTERN URANIUM & VANADIUM CORP V TORO ENERGY TO ENERGY MET FPO E	CCO-T (AP-LN 'DN-AU JCD-AU JCO-S UUU-US 30E-AU URE-T	6.2% / 8.7 13.2% / 4.8 18.0% / 7.7 3.4% / 6.4 0.0% / 0.1 4.3% / 5.8 1.2% / 2.1 1.0% / 2.4 6.2% / 3.7 6.2% / 3.7 6.2% / 5.5 1.6% / 3.6 1.8% / 3.4 1.5% / 3.0 0.8% / 2.4 1.4% / 2.9	(1.7)% 1.2% 1.3% (1.2)% (0.4)% (4.7)% (3.0)% 2.2% (2.9)% (2.4)% (1.8)% 0.3% 0.6%	6.4% 0.0% 4.5% 11.7% 9.1% 2.7% (6.8)% 3.2% 6.8% (2.9)% 5.2% 7.2%	(14.3)% (1.1)% 3.8% 0.8% (2.1)% (1.5)% (2.4)% (1.2)% 4.4% (1.2)% 4.4% 0.0%	(16.3)% (1.8)% 3.1% (1.3)% 2.3% (10.9)% (8.1)% 0.0% (2.9)% (4.7)%	4.6% (2.7)% 18.2% 15.2% 13.8% 30.0% (8.9)% 12.0% 0.0% (10.8)%	13.9% (23.8)% (8.0)% 20.0% (13.4)% 17.3% (39.7)% 3.2% (24.2)% (17.5)%	(4.6)% (38.1)% (14.3)% 12.9% (20.1)% (20.1)% (21.1)% (31.8)% (31.8)% (31.8)% (31.2)%	154.19 97.9% 592.3% 318.8% 310.6% 415.6% 32.3% 156.5% 161.19 157.8%
KAZATOMPROM S K. PALADIN ENERGY L PI URANIUM ENERGY CORP UU ENERGY FUELS INC UU BOSS EN FPO BI ENERGY RESOURCES EI UUTUS RESOURCES LU UTUS RESOURCES LU DENISON MINES CORPORATION C GLOBAL ATOMIC CORPORATION C BENERGY LTD M DENISON MINES CORPORATION C GLOBAL ATOMIC CORPORATION C BENGON URANIUM CORP F AMERICAN LITHIUM CORP I ISOENERGY LTD I ENCORE ENERGY CORP I BANNERMAN ENERGY B BANNERMAN ENERGY B BANNERMAN ENERGY B BANNERMAN ENERGY B BERKELEY ENERGY A BERKELEY ENERGIA B WESTERN URANIUM & VANADIUM CORP T ANFIELD ENERGY INC A BERGY MET FPO T ANFIELD ENERGY INC A	KAP-LN PDN-AU PDN-AU PDN-AU PDN-AU SOE-AU SOE-AU WRE-T OT-AU PEN-AU GXU-V FSY-T	6.2% / 8.7 13.2% / 4.8 18.0% / 7.7 3.4% / 6.4 0.0% / 0.1 4.3% / 5.8 1.2% / 2.1 1.0% / 2.4 6.2% / 3.7 6.2% / 3.7 6.2% / 5.5 1.6% / 3.6 1.8% / 3.4 1.5% / 3.0 0.8% / 2.4 1.4% / 2.9	1.2% 1.3% 1.5% (1.2)% (0.4)% (4.7)% (3.0)% 2.2% (2.9)% (2.4)% (1.8)% 0.3% 0.6%	0.0% 4.5% 11.7% 9.1% 2.7% (6.8)% 3.2% 6.8% (2.8% 6.8% 5.2% 7.2%	(1.1)% 3.8% 0.8% (2.1)% (1.5)% (2.4)% (1.2)% 4.4% (0.0)%	(1.8)% 3.1% (1.3)% 2.3% (10.9)% (8.1)% 0.0% (2.9)%	(2.7)% 18.2% 15.2% 13.8% 30.0% (8.9)% 12.0% 0.0% (10.8)%	(23.8)% (8.0)% 20.0% (13.4)% 17.3% (39.7)% 3.2% (24.2)% (17.5)%	(38.1)% (14.3)% 12.9% (20.1)% 0.0% (54.4)% (31.8)% (28.8)% (43.1)%	97.9% 592.3% 318.8% 310.6% 415.6% 32.3% 156.5% 161.1% 157.8%
KAZATOMPROM S K. PALADIN ENERGY L PI JRANIUM ENERGY CORP UU ENERGY FUELS INC UU SOSS EN FPO BI ENERGY RESOURCES EI JR ENERGY INC UU COTUS RESOURCES EL VEXGEN ENERGY LTD N DENISON MINES CORPORATION C SOLBAL ATOMIC CORPORATION C SOLBAL ATOMIC CORPORATION C SOLBAL ATOMIC CORPORATION C SOENERGY LTD N SOENERGY LTD I ENCORE ENERGY CORP I SOENERGY LTD I ENCORE ENERGY CORP I SOUTIC ENERGY CORP I SOUTEX URANIUM CORP I SOUTEX URANIUM INC C CORSYS METALS CORP I JARAMIDE RESOURCES LTD L A-CAP ENERGY B SERKELEY ENERGIA B WESTERN URANIUM WANADIUM CORP V VICTOR OENERGY T ANFIELD ENERGY INC A SERREGY MET FPO EI	KAP-LN PDN-AU PDN-AU PDN-AU PDN-AU SOE-AU SOE-AU WRE-T OT-AU PEN-AU GXU-V FSY-T	6.2% / 8.7 13.2% / 4.8 18.0% / 7.7 3.4% / 6.4 0.0% / 0.1 4.3% / 5.8 1.2% / 2.1 1.0% / 2.4 6.2% / 3.7 6.2% / 3.7 6.2% / 5.5 1.6% / 3.6 1.8% / 3.4 1.5% / 3.0 0.8% / 2.4 1.4% / 2.9	1.2% 1.3% 1.5% (1.2)% (0.4)% (4.7)% (3.0)% 2.2% (2.9)% (2.4)% (1.8)% 0.3% 0.6%	0.0% 4.5% 11.7% 9.1% 2.7% (6.8)% 3.2% 6.8% (2.8% 6.8% 5.2% 7.2%	(1.1)% 3.8% 0.8% (2.1)% (1.5)% (2.4)% (1.2)% 4.4% (0.0)%	(1.8)% 3.1% (1.3)% 2.3% (10.9)% (8.1)% 0.0% (2.9)%	(2.7)% 18.2% 15.2% 13.8% 30.0% (8.9)% 12.0% 0.0% (10.8)%	(23.8)% (8.0)% 20.0% (13.4)% 17.3% (39.7)% 3.2% (24.2)% (17.5)%	(38.1)% (14.3)% 12.9% (20.1)% 0.0% (54.4)% (31.8)% (28.8)% (43.1)%	97.9% 592.3% 318.8% 310.6% 415.6% 32.3% 156.5% 161.1% 157.8%
JRANIUM ENERGY CORP	UEC-US UUU-US BA-AU ERA-AU URE-T OT-AU PEN-AU PEN-AU MLT DML-T DML-T GLO-T UI-V ISO-V EU-V EU-V GXU-V FSY-T	13.2% / 4.8 18.0% / 7.7 3.4% / 6.4 0.0% / 0.1 4.3% / 5.8 1.2% / 2.1 1.0% / 2.4 6.2% / 3.7 6.2% / 3.7 6.2% / 3.5 1.6% / 3.6 1.8% / 3.4 1.5% / 3.0 0.8% / 2.4 1.4% / 2.9	1.5% (1.2)% (0.4)% (4.7)% (3.0)% 2.2% (2.9)% (2.4)% (1.8)% 0.3% 0.6%	11.7% 9.1% 2.7% (6.8)% 3.2% 6.8% (2.9)% 5.2% 7.2%	3.8% 0.8% (2.1)% (1.5)% (2.4)% (1.2)% 4.4% (0.0)%	3.1% (1.3)% 2.3% (10.9)% (8.1)% 0.0% (2.9)% (4.7)%	15.2% 13.8% 30.0% (8.9)% 12.0% 0.0% (10.8)% 5.8%	(8.0)% 20.0% (13.4)% 17.3% (39.7)% 3.2% (24.2)% (17.5)%	(14.3)% 12.9% (20.1)% 0.0% (54.4)% (31.8)% (28.8)% (43.1)% (31.1)%	318.89 310.69 415.69 32.3% 156.59 161.19 157.89
ENERGY FUELS INC UL SOSS EN FPO BA SOSS EN FPO BA SOSS EN FPO C C UL SOSS EN FPO C C UL SOURCES C UL SOURCES COPORATION C SUBBLATOMIC CORPORATION C SUBBLATOMIC CORPORATION C SUBBLATOMIC CORPORATION C SOENERGY LTD C SOULEX URANIUM CORP C SOENERGY LTD C SOENERGY LTD C SOULEX URANIUM INC C SOOVEX URANIUM INC C SOOVEX URANIUM INC C SOOVEX URANIUM SORP C SOULEX URANIUM SORP C SOULEX URANIUM SORP C SOULEX URANIUM SOULD C SOULEX SOULD C SOULEX URANIUM SOULD C SOULEX SOULEX SOULD C SOULEX SOULD C SOULEX SOULD C SOUL	UUU-US 30E-AU IRA-AU URE-T OT-AU VEN-AU VEN-AU VEN-AU FOL-T LI-V ISO-V EU-V ISO-V EU-V GXU-V FSY-T	18.0% / 7.7 3.4% / 6.4 0.0% / 0.1 4.3% / 5.8 1.2% / 2.1 1.0% / 2.4 6.2% / 3.7 6.2% / 5.5 1.6% / 3.6 1.8% / 3.4 1.5% / 3.0 0.8% / 2.4 1.4% / 2.9	(1.2)% (0.4)% (4.7)% (3.0)% 2.2% (2.9)% (2.9)% (1.8)% 0.3% 0.6%	9.1% 2.7% (6.8)% 3.2% 6.8% (2.9)% 5.2% 7.2%	(2.1)% (1.5)% (2.4)% (1.2)% 4.4% (0.0)%	(1.3)% 2.3% (10.9)% (8.1)% 0.0% (2.9)% (4.7)%	13.8% 30.0% (8.9)% 12.0% 0.0% (10.8)% 5.8%	(13.4)% 17.3% (39.7)% 3.2% (24.2)% (17.5)% (4.3)%	(20.1)% 0.0% (54.4)% (31.8)% (28.8)% (43.1)% (31.1)%	310.6 415.6 32.39 156.5 161.1 157.8
BOSS EN FPO BI SINERGY RESOURCES EI JR ENERGY INC U OTUS RESOURCES LC OTUS RESOURCES LC VEXISULA ENERGY PI NEXGEN ENERGY LTD M DENISON MINES CORPORATION C SLOBAL ATOMIC CORPORATION C SUBLA ATOMIC CORPORATION C WEXCAN LITHIUM CORP F SOENERGY LTD I INCORE ENERGY CORP I SOVIEX URANIUM INC C OGNSYS METALS CORP I ARAMIDE RESOURCES LTD L A-CAP ENERGY A VERKELEY ENERGIA B WERSCAN LITHIUM & VANADIUM CORP T ARAMIDE RESOURCES LTD L A-CAP ENERGY A VERSELEY ENERGIA B WESTERN URANIUM WAVANADIUM CORP T ORO ENERGY T WAFIELD ENERGY INC A ENERGY MET FPO EI	BOE-AU ERA-AU URE-T JURE-T DEN-AU PEN-AU MIL-T GLO-T DYL-AU FCU-T LI-V ISO-V EU-V MIN-AU GXU-V FSY-T	3.4% / 6.4 0.0% / 0.1 4.3% / 5.8 1.2% / 2.1 1.0% / 2.4 6.2% / 3.7 6.2% / 3.7 6.2% / 5.5 1.6% / 3.6 1.8% / 3.4 1.5% / 3.0 0.8% / 2.4 1.4% / 2.9	(0.4)% (4.7)% (3.0)% 2.2% (2.9)% (1.8)% 0.3% 0.6%	2.7% (6.8)% 3.2% 6.8% (2.9)% 5.2% 7.2%	(1.5)% (2.4)% (1.2)% 4.4% (0.0)%	2.3% (10.9)% (8.1)% 0.0% (2.9)% (4.7)%	30.0% (8.9)% 12.0% 0.0% (10.8)% 5.8%	17.3% (39.7)% 3.2% (24.2)% (17.5)% (4.3)%	0.0% (54.4)% (31.8)% (28.8)% (43.1)% (31.1)%	415.6 32.39 156.5 161.1 157.8
ENERGY RESOURCES EI JR ENERGY INC U COTUS RESOURCES EL VEXGEN ENERGY LTD N DENISON MINES CORPORATION E SUBAL ATOMIC CORPORATION C SUBAL ATOMIC CORPORATION C SOURERGY LTD I ENCORE ENERGY CORP SOURE ENERGY CORP SOVIEX URANIUM INC C CORSYS METALS CORP ARAMIDE RESOURCES LTD L A-CAP ENERGY ASERKELEY ENERGIA B MESTERN URANIUM & VANADIUM CORP V TORO ENERGY T SUBAL SUBAL SUBA	ERA-AU URE-T OT-AU PEN-AU NXE-T DML-T GLO-T DYL-AU FCU-T LI-V ISO-V EU-V MNI-AU GXU-V FSY-T	0.0% / 0.1 4.3% / 5.8 1.2% / 2.1 1.0% / 2.4 6.2% / 3.7 6.2% / 3.7 6.2% / 5.5 1.6% / 3.6 1.8% / 3.4 1.5% / 3.0 0.8% / 2.4 1.4% / 2.9	(4.7)% (3.0)% 2.2% (2.9)% (2.4)% (1.8)% 0.3% 0.6%	(6.8)% 3.2% 6.8% (2.9)% 5.2% 7.2%	(2.4)% (1.2)% 4.4% (0.0)% 0.6%	(10.9)% (8.1)% 0.0% (2.9)% (4.7)%	(8.9)% 12.0% 0.0% (10.8)% 5.8%	(39.7)% 3.2% (24.2)% (17.5)% (4.3)%	(54.4)% (31.8)% (28.8)% (43.1)% (31.1)%	32.39 156.5 161.1 157.8
JR ENERGY INC LL OTUS RESOURCES LL VEXGEN ENERGY LTD P VEXGEN ENERGY LTD N DENISON MINES CORPORATION C SLOBAL ATOMIC CORPORATION C SLOBAL ATOMIC CORPORATION C USSION URANIUM CORP P VISSION URANIUM CORP S SOURERGY LTD I SOONER ENERGY CORP SOONER ENERGY CORP SOONER URANIUM INC C ORSYS METALS CORP I ARAMIDE RESOURCES LTD LL V-CAP ENERGY AANDIUM CORP V VESTERN URANIUM & VANADIUM CORP V VORO ENERGY TA NORO ENERGY	URE-T .OT-AU PEN-AU PEN-AU DML-T DML-T DML-T DML-T DYL-AU FCU-T LI-V ISO-V EU-V EU-V GXU-V FSY-T	4.3% / 5.8 1.2% / 2.1 1.0% / 2.4 6.2% / 3.7 6.2% / 5.5 1.6% / 3.6 1.8% / 3.4 1.5% / 3.0 0.8% / 2.4 1.4% / 2.9	(3.0)% 2.2% (2.9)% (2.4)% (1.8)% 0.3% 0.6%	3.2% 6.8% (2.9)% 5.2% 7.2%	(1.2)% 4.4% (0.0)% 0.6%	(8.1)% 0.0% (2.9)% (4.7)%	12.0% 0.0% (10.8)% 5.8%	3.2% (24.2)% (17.5)% (4.3)%	(31.8)% (28.8)% (43.1)% (31.1)%	156.5 161.1 157.8
OTUS RESOURCES LA PENINSULA ENERGY PI VEXGEN ENERGY LTD PI VEXGEN ENERGY LTD PI SEUBISON MINES CORPORATION C SEUBAL ATOMIC CORPORATION C SEP YELLOW D VISSION URANIUM CORP P VIMERICAN LITHIUM CORP SOENERGY LTD I VINCORE ENERGY CORP SANNERMAN ENERGY BR SOVIEX URANIUM INC C ORSYS METALS CORP I ARAMIDE RESOURCES LTD L CAP ENERGY A VESTERN URANIUM & VANADIUM CORP V VORO ENERGY INC A VORO ENERGY INC A	OT-AU PEN-AU NXE-T DML-T GLO-T DYL-AU FCU-T LI-V ISO-V EU-V MN-AU GXU-V FSY-T	1.2% / 2.1 1.0% / 2.4 6.2% / 3.7 6.2% / 5.5 1.6% / 3.6 1.8% / 3.4 1.5% / 3.0 0.8% / 2.4 1.4% / 2.9	2.2% (2.9)% (2.4)% (1.8)% 0.3% 0.6%	6.8% (2.9)% 5.2% 7.2%	4.4% (0.0)% 0.6%	0.0% (2.9)% (4.7)%	0.0% (10.8)% 5.8%	(24.2)% (17.5)% (4.3)%	(28.8)% (43.1)% (31.1)%	161.1 157.8
PENINSULA ENERGY PI VEXGEN ENERGY LTD M DENISON MINES CORPORATION C SIGDBAL ATOMIC CORPORATION C SIGDBAL ATOMIC CORPORATION C VEXEP YELLOW D VISSION URANIUM CORP F SOENERGY LTD I INCORE ENERGY CORP I SOENERGY LTD I SOENERGY LTD I SOORE ENERGY CORP I SON URANIUM INC C GORSYS METALS CORP I ARAMIDE RESOURCES LTD L V-CAP ENERGY A VESTERN URANIUM & VANADIUM CORP V VORO ENERGY TH NIFIELD ENERGY INC A VESTERN URANIUM & VANADIUM CORP TH VIRFIELD ENERGY INC A	PEN-AU NXE-T DML-T GLO-T DYL-AU FCU-T LI-V ISO-V EU-V SMN-AU GXU-V FSY-T	1.0% / 2.4 6.2% / 3.7 6.2% / 5.5 1.6% / 3.6 1.8% / 3.4 1.5% / 3.0 0.8% / 2.4 1.4% / 2.9	(2.9)% (2.4)% (1.8)% 0.3% 0.6%	(2.9)% 5.2% 7.2%	<mark>(0.0)%</mark> 0.6%	(2.9)% (4.7)%	(10.8)% 5.8%	(17.5)% (4.3)%	(43.1)% (31.1)%	157.8
IEXGEN ENERGY LTD IN DENISON MINES CORPORATION E SIOBAL ATOMIC CORPORATION C SIOBAL ATOMIC CORPORATION C D SION URANIUM CORP F MERICAN LITHIUM CORP SOENERGY LTD IN NCORE ENERGY CORP ANNERMAN ENERGY B SOVIEX URANIUM INC C ORSYS METALS CORP IN ARAMIDE RESOURCES LTD L CAP ENERGY A SIGNETALS CORP IN ARAMIDE RESOURCES LTD L CAP ENERGY A SUBSTRUCT A SUBSTRUCT A SUBSTRUCT A NEFELD ENERGY THC NEFELD ENERGY INC A NEFELD ENERGY INC A NERGY MET FPO EI	NXE-T DML-T GLO-T DYL-AU FCU-T LI-V ISO-V EU-V EU-V SMN-AU GXU-V FSY-T	6.2% / 3.7 6.2% / 5.5 1.6% / 3.6 1.8% / 3.4 1.5% / 3.0 0.8% / 2.4 1.4% / 2.9	(2.4)% (1.8)% 0.3% 0.6%	5.2% 7.2%	0.6%	(4.7)%	5.8%	(4.3)%	(31.1)%	
DENISON MINES CORPORATION	DML-T GLO-T DYL-AU FCU-T LI-V ISO-V EU-V SMN-AU GXU-V FSY-T	6.2% / 5.5 1.6% / 3.6 1.8% / 3.4 1.5% / 3.0 0.8% / 2.4 1.4% / 2.9	(1.8)% 0.3% 0.6%	7.2%						139.8
LOBAL ATOMIC CORPORATION CORPORATION CORPORATION CORP SISION URANIUM CORP FOR CORPORT	GLO-T DYL-AU FCU-T LI-V ISO-V EU-V SMN-AU GXU-V FSY-T	1.6% / 3.6 1.8% / 3.4 1.5% / 3.0 0.8% / 2.4 1.4% / 2.9	0.3% 0.6%		(1.2)%					
EEP YELLOW D ISSION URANIUM CORP F MERICAN LITHIUM CORP F SOENERGY LTD I NCORE ENERGY CORP F ANNERMAN ENERGY BN OVIEX URANIUM INC G ORSYS METALS CORP L ARAMIDE RESOURCES LTD L -CAP ENERGY AA PEREGY AA VESTERN URANIUM & VANADIUM CORP V ORO ENERGY TH NFIELD ENERGY INC A NERGY MET FPO EI	DYL-AU FCU-T LI-V ISO-V EU-V MN-AU GXU-V FSY-T	1.8% / 3.4 1.5% / 3.0 0.8% / 2.4 1.4% / 2.9	0.6%	4.2%		(3.0)%	11.6%	(6.3)%	(29.1)%	254.3
ISSION URANIUM CORP	FCU-T LI-V ISO-V EU-V MN-AU GXU-V FSY-T	1.5% / 3.0 0.8% / 2.4 1.4% / 2.9			8.8%	0.8%	28.3%	(6.0)%	(6.0)%	545.9
MERICAN LITHIUM CORP SOENERGY LTD I NCORE ENERGY CORP ANNERMAN ENERGY BI SOVIEX URANIUM INC COR ORSYS METALS CORP I ARAMIDE RESOURCES LTD L -CAP ENERGY A ERKELEY ENERGIA B VESTERN URANIUM & VANADIUM CORP V ORO ENERGY TT NFIELD ENERGY INC A NERGY MET FPO EI	LI-V ISO-V EU-V MN-AU GXU-V FSY-T	0.8% / 2.4 1.4% / 2.9	(5.6)%	1.9%	(1.8)%	(19.0)%	12.5%	(5.8)%	(30.2)%	153.1
SOENERGY LTD I NCORE ENERGY CORP I ANNERMAN ENERGY BR OVIEX URANIUM INC CC ORSYS METALS CORP I ARAMIDE RESOURCES LTD L -CAP ENERGY AA ERKELEY ENERGIA B VESTERN URANIUM & VANADIUM CORP V ORO ENERGY TH NFIELD ENERGY INC A	ISO-V EU-V MN-AU GXU-V FSY-T	1.4% / 2.9		0.0%	(4.3)%	(10.7)%	3.1%	(14.1)%	(40.7)%	119.7
NCORE ENERGY CORP ANNERMAN ENERGY BH OVIEX URANIUM INC GO ORSYS METALS CORP I ARAMIDE RESOURCES LTD L -CAP ENERGY A ERKELEY ENERGIA BB VESTERN URANIUM & VANADIUM CORP V ORO ENERGY TT NFIELD ENERGY INC A NERGY MET FPO EI	EU-V MN-AU GXU-V FSY-T		5.6%	7.9%	(3.7)%	(2.8)%	2.0%	(51.6)%	(36.6)%	70.2
ANNERMAN ENERGY BR OVIEX URANIUM INC C ORSYS METALS CORP I ARAMIDE RESOURCES LTD L -CAP ENERGY A ERKELEY ENERGIA B VESTERN URANIUM & VANADIUM CORP V ORO ENERGY TT NFIELD ENERGY INC A NERGY MET FPO EI	MN-AU GXU-V FSY-T	U. 7/0 / L. J	(3.7)% 2.5%	<mark>(0.3)%</mark> 7.0%	(5.6)% 3.7%	(12.2)% (7.3)%	5.0% 8.9%	(9.9)% (23.8)%	(28.5)% (36.5)%	216.9
OVIEX URANIUM INC GO ORSYS METALS CORP I ARAMIDE RESOURCES LTD L -CAP ENERGY A BERGELY ENERGIA B VESTERN URANIUM & VANADIUM CORP V ORO ENERGY TI INFIELD ENERGY INC A NERGY MET FPO EI	GXU-V FSY-T	1.5% / 3.6	2.5%	6.9%	3.7%	2.5%	3.5%	(23.8)%	(36.5)%	494.3
ORSYS METALS CORP	FSY-T	0.9% / 2.1	0.0%	(2.2)%	0.0%	(18.5)%	(21.4)%	(38.0)%	(55.6)%	69.2
ARAMIDE RESOURCES LTD L -CAP ENERGY A ERKELEY ENERGIA B VESTERN URANIUM & VANADIUM CORP V ORO ENERGY TTO NFIELD ENERGY INC A NERGY MET FPO EI		0.5% / 3.5	(3.0)%	(1.5)%	3.2%	(3.0)%	4.9%	(24.7)%	(37.3)%	
ERKELEY ENERGIA B VESTERN URANIUM & VANADIUM CORP V ORO ENERGY TI NFIELD ENERGY INC A NERGY MET FPO EF	LAM-T	1.9% / 5.6	(3.8)%	0.0%	(3.8)%	(7.4)%	13.6%	(29.6)%	(49.5)%	108.3
VESTERN URANIUM & VANADIUM CORP V ORO ENERGY TH NFIELD ENERGY INC A NERGY MET FPO EF	ACB-AU	0.1% / 0.4	1.4%	10.3%	8.7%	(20.2)%	(6.3)%	(48.3)%	(2.6)%	294.7
ORO ENERGY TH NFIELD ENERGY INC A NERGY MET FPO EI	3KY-AU	0.0% / 0.0	1.9%	5.9%	0.0%	(12.9)%	(28.0)%	17.4%	(11.5)%	(40.7
NFIELD ENERGY INC A NERGY MET FPO EI	WUC-L	0.1% / 0.4	(3.4)%	0.0%	(8.4)%	(20.3)%	11.0%	(24.6)%	(61.5)%	110.4
NERGY MET FPO EI	FOE-AU	0.1% / 1.2				(5.6)%	21.4%	(22.7)%	(55.3)%	21.4
	AEC-V	0.0% / 0.1	(6.7)%	(0.0)%	(0.0)%	16.7%	(0.0)%	(26.3)%	(53.3)%	40.0
	EME-AU				(0.0)%	(17.6)%		(48.1)%	(65.0)%	
ALLION UNLINENGI A	AGE-AU	2.2% / 3.3	0.0%	3.8%	0.0%	(17.9)%	0.0%	0.0%	(32.1)%	1,000.
CONSOLIDATED URANIUM INC C	CUR-V	0.5% / 1.3	2.1%	8.5%	4.4%	(9.0)%	6.1%	(33.4)%	(32.0)%	282.0
ELEVATE URANIUM E	els-au	1.9% / 6.8	2.0%	4.1%	3.1%	4.1%	14.8%	8.6%	(16.5)%	
	DEV-AU	0.1% / 2.1	(1.6)%	(6.3)%	(7.7)%	(14.3)%	0.0%	(38.8)%	(15.5)%	(7.7)
	MGA-T	0.5% / 2.5	(2.1)%	4.4%	6.8%	2.2%	9.3%	(7.8)%	(35.6)%	74.1
	SYH-V	0.4% / 0.7	1.3%	2.6%	0.0%	(7.0)%	11.1%	(17.5)%	(49.4)%	142.4
	FIND-V	0.2% / 0.4	(2.9)%	(2.9)%	(6.9)%	(9.5)%	(8.2)%	(17.3)%	(45.1)%	65.4
	VO-V	0.2% / 1.2	6.1%	(5.4)%	(6.7)%	(2.8)%	6.1%	(36.4)%	(19.5)%	29.6
	API-L	0.2% / 0.4	(4.3)%	(11.8)% 5.5%	(13.5)%	16.9%	42.9%	(22.4)%	(41.6)%	25.0
	AZM-V 92E-AU	0.1% / 0.5 8.5% / 13.9	5.5% 1.0%	6.1%	7.4% (2.8)%	(12.1)% (10.3)%	(28.4)% 22.4%	(64.8)% (23.5)%	(70.3)% (38.8)%	(47.7
	ARU-V	0.2% / 2.0	(10.5)%	(3.8)%	8.5%	0.0%	(23.9)%	(56.4)%	(63.8)%	(88.8
	CVV-V	0.4% / 0.7	0.0%	(3.5)%	(5.7)%	(17.0)%	(13.5)%	(5.7)%	(47.5)%	102.4
	BSK-V	2.3% / 15.8	(3.6)%	0.0%	(10.0)%	(12.9)%	(10.0)%	(30.8)%	(58.5)%	12.5
OKAPI RESOURCES O	DKR-AU	0.3% / 0.7	2.1%	2.1%	4.3%	(12.5)%	40.0%	(29.0)%	(59.5)%	
	PTU-V	0.1% / 0.3	(0.0)%	(0.0)%	7.7%	(17.6)%	7.7%	(17.6)%	(51.7)%	75.0
	GMX-T	0.1% / 0.3	(4.6)%	(15.1)%	(12.7)%	(20.5)%	(32.6)%	(43.6)%	(36.1)%	(10.1
GTI ENERGY G	GTR-AU	0.0% / 0.0	0.0%	6.7%	0.0%	(20.0)%	6.7%	(33.3)%	(51.5)%	(20.0
	FMC-V	0.1% / 0.4	(4.5)%	(4.5)%	(12.5)%	(25.0)%	(27.6)%	(38.2)%	(79.0)%	(30.0
	STND-V	3.0% / 17.8	(8.7)%	(4.5)%	0.0%	(8.7)%	10.5%	(51.2)%	(73.4)%	(41.7
	FUU-V	0.1% / 0.5	0.0%	(5.9)%	(5.9)%	(20.0)%	6.7%	(63.6)%	(64.4)%	23.1
	AAZ-V	0.1% / 0.2	0.0%	0.0%	0.0%	(23.1)%	0.0%	(71.4)%	(77.8)%	(20.6
	AL-V CXU-AU	0.5% / 1.4	0.0%	(10.0)%	12.5%	12.5%	0.0%	(50.0)%	(64.0)%	(35.7
	TKU-N	0.0% / 0.0 0.1% / 0.2	0.0%	0.0%	(14.3)%	(7.7)%	50.0% (14.3)%	(58.6)% (62.5)%	(61.3)% (66.7)%	
	INO'H-V	0.1% / 0.2	0.070	0.0%	(14.3)% (25.0)%	(25.0)%	(14.3)%	(57.1)%	(72.7)%	
	XTT-V	0.1% / 0.3		0.070	0.0%	0.0%	33.3%	(33.3)%	(, =, ,) / 0	(87.5
	AVU-V	0.0% / 0.2	0.0%		2.3/0	2.2/0	(42.9)%	(22.0)/0	(76.5)%	,0/13
	IZZ-V	0.1% / 1.3	12.5%				(30.8)%	(71.9)%	(76.3)%	(57.1
	VEC-V	0.0% / 0.1						(50.0)%	(72.2)%	(58.3
	UVN-V	0.10%					28.0%		(59.0)%	
ROS RESOURCES CORP E	ERC-V	0.0% / 0.3		0.0%			(26.7)%		(42.1)%	(35.3
ENTORY FUNDS										
	U.UN-T	1.5% / 2.3	(0.3)%	1.6%	7.0%	9.0%	25.6%	24.4%	13.9%	
	YCA-LN	0.1% / 0.2	(4.8)%	(1.1)%	(1.1)%		17.3%	20.8%	7.1%	106.0
ALTY COMPANIES JRANIUM ROYALTY CORP	URC-V	1.6% / 1.8								

Source: UxC, CapitalIQ, Bloomberg, Haywood



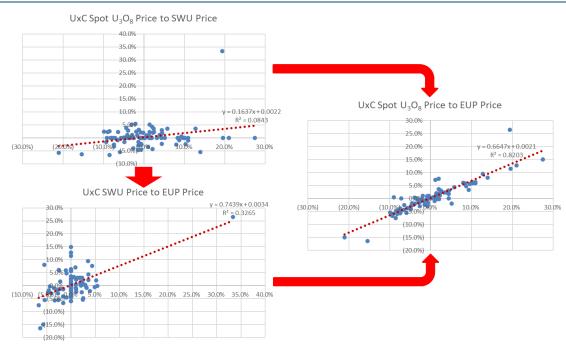
Uranium Fuel Cycle Price Relationships

The charts below show that the price of uranium products (U_3O_8 , UF_6 and EUP) are tightly correlated (monthly % Δ) in the long term (RHS Figures 8 & 9). On the lower left chart of each Figure, we see that the cost of fuel services exhibit a much lower correlation with the monthly % change in uranium product (Conversion to UF_6 [$R^2=0.04$] or SWU to EUP [$R^2=0.33$]), owing to the fact that the uranium embedded in the product dominates value. Historically, conversion costs have made up an average of 10.5% of the cost of UF_6 (currently 22.1%), and SWU costs have made up an average of 26% of the price of EUP (currently 24.6%) (or, conversely, UF_6 historically makes ups up 74% of the cost of EUP).



Source: Haywood Securities Inc., UxC





Source: Haywood Securities Inc., UxC



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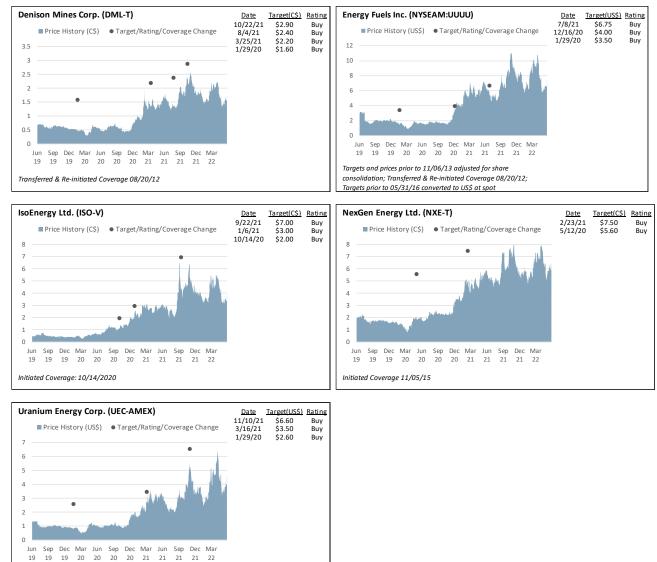
	Ticker	Company	1	2	3	4	5	6	7	8	9
TSX:	DML	Denison Mines Corp. X X X									
TSX:	EFR	Energy Fuels Inc. X									
TSX\	/:ISO	IsoEnergy Itd. X									
TSX:	NXE	NexGen Energy Ltd. X									
US:U	JEC	Uranium Energy Corp. X									
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5	Haywood Securities, Inc. or one of its subsidiaries has received compensation for investment banking services from this company in the past 12 months.										
6	Haywood Securities, Inc. or one of its subsidiaries has received compensation for investment banking services from this company in the past 24 months.										
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8	Haywood Securities, Inc. or one of its subsidiaries expects to receive or intends to seek compensation for investment banking									anking	
9	Haywood Securities, Inc. or one of its subsidiaries currently provides market making services to this company, for which Haywood is compensated by the Issuer on a monthly basis.										

Distribution of Ratings (as of October 20, 2022)

			IB Clients
	%	#	(TTM)
Buy	76.8%	76	71.4%
Hold	10.1%	10	14.3%
Sell	0.0%	0	0.0%
Tender	1.0%	1	4.8%
UR (Buy)	0.0%	0	0.0%
UR (Hold)	0.0%	0	0.0%
UR (Sell)	0.0%	0	0.0%
Dropped (TTM)	12.1%	12	9.5%



Price Chart, Rating and Target Price History (as of October 20, 2022)



B: Buy; H: Hold; S: Sell; T: Tender; UR: Under Review Source: Capital IQ and Haywood Securities

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