Uranium Energy Corp Files S-K 1300 Technical Summary Report for Horseshoe-Raven Project in Saskatchewan

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NYSE American: UEC

- This TRS filing for the Horseshoe-Raven Project is the second Saskatchewan resource estimate reported by the since its acquisition of UEX Corp. ("UEX") in August of 2022; and
- Indicated resources at the Horseshoe-Raven Project are 37.43 million lb. U_3O_8 with 23.59 million lb. U_3O_8 at 0.21 the Horseshoe Deposit and 13.83 million lb. U_3O_8 at 0.177% U_3O_8 at the Raven Deposit (Table 1).
- The project is 11,085 acres in the eastern portion of Saskatchewan's Athabasca Uranium District about 5 km from mill at Rabbit Lake and approximately 27 km from the Roughrider deposit. UEC is considering the synergies betw Horseshoe-Raven, Roughrider, and Christie Lake deposits as parts of the Company's Eastern Athabasca Hub St
- Uranium mineralization at Horseshoe-Raven is hosted in basement rocks with no sandstone cover and is betwee 450 m below the surface, suggesting that the deposit is potentially amenable to combined conventional open pit a underground mine development and should not require costly ground freezing.

CORPUS CHRISTI, Jan. 24, 2023 - Uranium Energy Corp. (NYSE American: UEC) (the "Company" or "UEC") is pleas announce that it has filed a Technical Report Summary ("TRS") on EDGAR disclosing updated mineral resources for th Company's Horseshoe-Raven Project (the "Project" or "Horseshoe-Raven"). UEC indirectly owns 100% of the Project.

Background:

- As a U.S. domestic and domiciled company, UEC is now reporting all mineral resources in accordance with Item Regulation S-K ("S-K 1300");
- S-K 1300 was adopted by the Securities and Exchange Commission (the "SEC") to modernize mineral property d requirements for mining registrants and to align U.S. disclosure requirements more closely for mineral properties industry and global regulatory standards; and
- The mineral resource estimate set forth in this TRS for the Horseshoe-Raven Project has not previously been rep the S-K 1300 format.

The TRS was prepared under S-K 1300 and was filed on January 23, 2023 with the SEC through EDGAR on Form 8-K available on SEDAR as a "Material Document" filed on January 23, 2023. The TRS was prepared on behalf of the Com Nathan A. Barsi, P.Geo., UEC's District Geologist, Roger M. Lemaitre, P.Eng., P.Geo., former President and CEO of U Christopher J. Hamel, P.Geo., UEC's Vice President Exploration, Canada.

About Horseshoe-Raven

UEC's 100%-owned Horseshoe-Raven Project is our most advanced Canadian exploration stage project, located only 5 of Cameco's Rabbit Lake Mill. The Project has direct access to all-weather roads and power infrastructure.

Given the shallow depths to mineralization (between 100 and 450 m depth), uranium grades and lack of sandstone cov Horseshoe and Raven Deposits are potentially amenable to combined conventional open pit and underground mine de and should not require costly ground freezing to prevent water incursion or extra radiation protection measures routinel at many of Saskatchewan's uranium operations.

In 2016 additional metallurgical testing was completed on the Horseshoe and Raven mineralization with the objective o the potential benefit of heap leach extraction in lieu of toll milling. The testing program was conducted by SGS Lakefield Laboratories and was successful at demonstrating the potential of heap leaching. This historical scoping study was con the Horseshoe and Raven Deposits by JDS Mining in December 2016. The results of the study indicate that further inv into heap leaching as an extraction method for the Horseshoe and Raven mineralization are warranted.

Resource Disclosure

The updated technical report and mineral resource estimate in the TRS was completed by Nathan A. Barsi, P.Geo., UE

Geologist, Christopher J. Hamel, P.Geo., UEC's Vice President Exploration, Canada, and Roger M. Lemaitre, former C President of UEX. Messrs. Barsi, Hamel and Lemaitre are Qualified Persons under Item 1302 of S-K 1300. The Horses Project mineral resource estimate was determined using a cut-off grade of 0.05% U_3O_8. A total of 4,982,500 tonnes co million pounds of U_3O_8 at an average grade of 0.215% U_3O_8 have been estimated in the indicated mineral resource ca the Horseshoe Deposit. A total of 5,370,000 tonnes containing 13.8 million pounds of U_3O_8 at an average grade of 0.11 have been estimated in the indicated mineral resource category for the Raven Deposit.

Table 1 - Horseshoe and Raven Deposits Mineral Resource Estimate at 0.05% U_3O_8 cut-off grade

Horseshoe Deposit Uranium Resource*

Deposit	Category	Quantity (Tonnes)	Average Grade U_3O_8 (%)	Total lbs U_3O_8
Horseshoe	Indicated	4,982,500	0.215	23,594,000

Raven Deposit Uranium Resources*

Deposit	Category	Quantity (Tonnes)	Average Grade U_3O_8 (%)	Total lbs U_3O_8
Raven	Indicated	5,370,000	0.117	13,832,400

Notes:
1) Indicated mineral resources as defined in 17 CFR § 229.1300 of S-K 1300.
2) Resources are reported as of October 31, 2022.
3) The point of reference for mineral resources is in-situ at the Project.
4) Mineral resources that are not mineral reserves do not have demonstrated economic viability.

The current mineral resource estimate includes the results from 715 diamond drill holes totalling 210,385 m which were 2005 to 2011. Mineralized wireframes of the Horseshoe and Raven Deposits were prepared at a 0.02% U_3O_8 mineraliz to constrain the mineral resource estimate at each deposit area. The estimate was completed by inverse distance weig squared algorithm using Datamine Studio RM software and utilized block sizes of 5 x 5 x 2.5 m for parent blocks and 0. 0.25 m subcells. The impact of anomalously high-grade samples were controlled through a process of grade capping fo

The mineral resource estimate primarily utilized uranium geochemical analyses from the Saskatchewan Research Cou Geoanalytical Laboratories in Saskatoon, Saskatchewan, obtained through Inductively Coupled Plasma Mass Spectros ("ICP-MS") for all samples with grades lower than 1,000 ppm U and using Inductively Couple Plasma Optical Emission Spectroscopy for samples determined by ICP-MS to contain uranium concentrations higher than 1,000 ppm U. Duplicat independent check analyses were performed on approximately 5% of the mineralized assay database.

Summary capital and operating cost estimates are not included with the TRS since the Company is reporting the results assessment.

The TRS has been prepared and the technical information in this news release respecting the TRS has been reviewed Nathan A. Barsi, P.Geo., UEC's District Geologist, Roger M. Lemaitre, P.Eng., P.Geo., and Christopher J. Hamel P.Ge President Exploration, Canada, for the Company, all Qualified Persons under Item 1302 of S-K 1300.

About Uranium Energy Corp

Uranium Energy Corp. is the fastest growing supplier of the fuel for the green energy transition to a low carbon future. U largest, diversified North American focused uranium company, advancing the next generation of low-cost, environmenta In-Situ Recovery ("ISR") mining uranium projects in the United States and high-grade conventional projects in Canada. Company has two production-ready ISR hub and spoke platforms in South Texas and Wyoming. These two production are anchored by fully operational central processing plants and served by seven U.S. ISR uranium projects with all thei permits in place. Additionally, the Company has diversified uranium holdings including: (1) one of the largest physical u portfolios of North American warehoused U_3O_8; (2) a major equity stake in Uranium Royalty Corp., the only royalty com sector; and (3) a Western Hemisphere pipeline of resource stage uranium projects. The Company's operations are mar

professionals with decades of hands-on experience in the key facets of uranium exploration, development and mining.

Twitter: @UraniumEnergy

Stock Exchange Information:
NYSE American: UEC
Frankfurt Stock Exchange Symbol: U6Z
WKN: AØJDRR
ISN: US916896103

Safe Harbor Statement

Except for the statements of historical fact contained herein, the information presented in this news release constitutes "forward-looking statements" as such term is used in applicable United States and Canadian securities laws. These sta relate to analyses and other information that are based on forecasts of future results, estimates of amounts not yet dete and assumptions of management. Any other statements that express or involve discussions with respect to predictions expectations, beliefs, plans, projections, objectives, assumptions or future events or performance (often, but not always words or phrases such as "expects" or "does not expect", "is expected", "anticipates" or "does not anticipate", "plans, "e "intends", or stating that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be are not statements of historical fact and should be viewed as "forward-looking statements". Such forward looking stater involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expresse by such forward-looking statements. Such risks and other factors include, among others, the actual results of explorati variations in the underlying assumptions associated with the estimation or realization of mineral resources, the availabi to fund programs and the resulting dilution caused by the raising of capital through the sale of shares, accidents, labor other risks of the mining industry including, without limitation, those associated with the environment, delays in obtainin governmental approvals, permits or financing or in the completion of development or construction activities, title dispute limitations on insurance coverage. Although the Company has attempted to identify important factors that could cause actions, events or results to differ materially from those described in forward-looking statements, there may be other fa cause actions, events or results not to be as anticipated, estimated or intended. Many of these factors are beyond the ability to control or predict. There can be no assurance that such statements will prove to be accurate as actual results events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue r forward-looking statements contained in this news release and in any document referred to in this news release. Import that may cause actual results to differ materially and that could impact the Company and the statements contained in th release can be found in the Company's filings with the Securities and Exchange Commission. For forward-looking state this news release, the Company claims the protection of the safe harbor for forward-looking statements contained in th Securities Litigation Reform Act of 1995. The Company assumes no obligation to update or supplement any forward-lo statements whether as a result of new information, future events or otherwise. This news release shall not constitute a or the solicitation of an offer to buy securities.

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