

Premier American Uranium Reports Positive Drill Results from the Cyclone ISR Project, Wyoming

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TORONTO, July 29, 2025 - [Premier American Uranium Inc.](#) ("PUR", the "Company" or "Premier American Uranium") (TSXV: PUR) (OTCQB: PAUIF) is pleased to announce positive drill results from the ongoing exploration drilling program on the Cyclone Rim target at the Company's wholly-owned Cyclone ISR Uranium Project ("Cyclone" or the "Project"), located in the Great Divide Basin of south-central Wyoming. The exploration program commenced on July 16, 2025, with the objective of further defining sandstone-hosted uranium mineralization that was partially outlined during the Company's 2024 exploration program. The Project is situated in the vicinity of Ur-Energy Inc.'s Lost Creek ISR uranium mine and other former uranium production facilities (Figure 1).

Highlights

- Positive drill results include mineralized zones encountered in areas where uranium mineralization was not previously known to occur, and extensions of known mineralization along a previously identified geologic trend. Fourteen of 25 planned conventional ("mud") rotary holes have been completed thus far, for a total of 10,600 ft of drilling in 2025 (Figure 1).
- Eight of the 14 drill holes completed to date intersected uranium mineralization at grades of 0.01% eU₃O₈ or higher (see Table 1 for complete results). Notably, hole CR25-001 returned 15.5 ft grading 0.09% eU₃O₈. Within the overall mineralized zone is a three-foot thick zone that averages 0.229% eU₃O₈.
- Drilling at the Cyclone Rim target in 2024 identified flat lying uranium mineralization along a ½-mile, east-west trend. The 2025 drilling program has extended that mineralized trend and has identified a potential second trend of uranium mineralization running north-south over a 1.5-mile distance. Both mineralized zones remain open in multiple directions and are expected to be a continued focus of the 2025 drill campaign.

Colin Healey, CEO of PUR commented, "We are encouraged by the strong results emerging from drilling at Cyclone Rim. With each phase, our understanding of the mineralized system improves, and we remain focused on expanding known zones of mineralization while also uncovering new areas of potential mineralization. As results continue to come in throughout the summer, we are actively evaluating the opportunity to expand the scope of the 2025 program to include additional drilling. I congratulate our technical team on the strong execution in the field thus far."

Table 1: 2025 Cyclone Rim Drill Results

Hole	Intercept	From	To	Length	eU ₃ O ₈ %
CR25-001	intersected	202	217.5	15.5	0.09
	including			14	0.097
	including			13.5	0.1
CR25-002	intersected	346	355	9	0.019
	including			4	0.027
	including			1.5	0.034
CR25-004	intersected	557	557.5	0.5	0.011
CR25-005a	intersected	195.5	196.5	1	0.011
	and	203	208	5	0.018
	including			1.5	0.029
	and	216.5	225	8.5	0.027

	including			2.5	0.058
	including			1.5	0.075
	and	237	238.5	1.5	0.011
CR25-009	intersected	396.5	398	1.5	0.011
CR25-010	intersected	377.5	379.5	2	0.015
CR25-015	intersected	367.5	368.5	1	0.012
CR25-014	intersected	346	355	9	0.028
	including			7.5	0.03

All grades were calculated from gamma-ray logs measured by Hawkins CBM Logging of Cody, Wyoming, a highly experienced and skilled independent borehole geophysical contractor. Hawkins CBM Logging's geophysical probe was most recently calibrated at the US Department of Energy's Casper, Wyoming logging test pits in June 2025. Uranium grades cited were calculated from gamma-ray logs, and the cited grades are "equivalent" ("e") grades of U₃O₈. All drill holes are vertical in orientation and the geologic units hosting the uranium mineralization are flat lying, therefore reported thicknesses are true thicknesses. No corrections were made for radiometric disequilibrium.

Figure 1: 2025 Cyclone Rim Target Area Drill Hole Location Map

Cyclone Project

The Project is situated in the Wyoming Basin physiographic province, in south-central Wyoming and within the Great Divide Basin (Figure 2). Uranium mineralization occurs in the Tertiary age Battle Spring Formation as sandstone-hosted roll-fronts. PUR's mineral holdings include 1,161 unpatented mining claims and 9 State leases. In total, the Project comprises approximately 26,180 acres. Portions of the Project area were explored by various companies beginning in the 1950's.

Wyoming has led the US in uranium production since 1995, and since the first uranium mines started operating in 1951, the state has produced more than 238 million pounds of uranium concentrate. Wyoming hosts the largest known economic uranium ore reserves in the US, which are in the Powder River Basin, Great Divide Basin, Shirley Basin, and Gas Hills (Wind River Basin).¹

Figure 2: Location of the Cyclone Project, Great Divide Basin, Wyoming

Qualified Person Statement

The scientific and technical information contained in this news release was reviewed and approved by Dean T. Wilton, PG, CPG, MAIG, a consultant of PUR who is a "Qualified Person" (as defined in National Instrument 43-101 - *Standards of Disclosure for Mineral Projects*). Mr. Wilton has verified the data disclosed in this news release, including sampling, analytical, and test data underlying the information contained herein.

The drilling results cited in this release were derived from conventional mud rotary drill holes and continuously recorded geophysical responses (gamma-ray, self-potential, and single point resistivity) from a borehole geophysical probe. The mineralized zones are flat lying and the individual drill holes are vertical in orientation, and the thicknesses cited in this release are true thicknesses. Grades of mineralization reported were calculated from the gamma-ray logs following a procedure that was first developed in the early 1960s and is standard practice in the uranium industry. The borehole geophysical logging was carried out by Hawkins CBM Logging of Cody Wyoming, an independent geophysical contractor that is highly experienced and skilled in providing reliable and accurate data. The gamma-ray probe and instrumentation were most recently calibrated at the US Department of Energy's gamma-ray test pits in Casper, Wyoming in June 2025.

Other information regarding the Company's Cyclone Project can be referenced from the "Technical Report on the Cyclone Uranium Project, Great Divide Basin, Wyoming USA, dated June 30, 2023, and it is available under the Company's profile on SEDAR +, at www.sedarplus.ca.

About Premier American Uranium Inc.

Premier American Uranium is focused on the consolidation, exploration, and development of uranium

projects in the United States, aiming to strengthen domestic energy security and support the transition to clean energy. One of PUR's key strengths is the extensive land holdings in three prominent uranium-producing regions in the United States: the Grants Mineral Belt of New Mexico, the Great Divide Basin of Wyoming and the UraVan Mineral Belt of Colorado.

With current resources and defined resource exploration targets, PUR is actively advancing its portfolio through work programs. PUR benefits from strong partnerships, with backing from Sachem Cove Partners, IsoEnergy Ltd., [Mega Uranium Ltd.](#), and other institutional investors. The Company's distinguished team had extensive experience in uranium exploration, development, permitting, and operations, as well as uranium-focused mergers and acquisitions-positioning PUR as a key player in advancing the U.S. uranium sector.

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Cautionary Statement Regarding Forward-Looking Information

This news release contains "forward-looking information" within the meaning of applicable Canadian securities laws. Forward-looking information includes, but is not limited to, statements with respect to, planned exploration activities, the anticipated results thereof and the anticipating timing for reporting of such results; future prospects for exploration; the potential for mineral resource identification at the Project; expectations regarding the resurgence of nuclear power in the US; and other activities, events or developments that are expected, anticipated or may occur in the future. Generally, but not always, forward-looking information and statements can be identified by the use of words such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or "believes" or the negative connotation thereof or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved" or the negative connotation thereof.

Forward-looking information and statements are based on our current expectations, beliefs, assumptions, estimates and forecasts about PUR's business and the industry and markets in which it operates. Such forward-information and statements are based on numerous assumptions, including among others, that the results of planned exploration activities are as anticipated, the price of uranium, the anticipated cost of planned exploration activities, the completion, timing and results of planned exploration activities being consistent with expectations, the anticipated mineralization being consistent with expectations, that general business and economic conditions will not change in a material adverse manner, that financing will be available if and when needed and on reasonable terms, that third party contractors, equipment and supplies and governmental and other approvals required to conduct the Company's planned exploration activities will be available on reasonable terms and in a timely manner. Although the assumptions made by PUR in providing forward-looking information or making forward-looking statements are considered reasonable by management at the time, there can be no assurance that such assumptions will prove to be accurate.

Forward-looking information and statements also involve known and unknown risks and uncertainties and other factors, which may cause actual results, performances and achievements of Premier American Uranium to differ materially from any projections of results, performances and achievements of Premier American Uranium expressed or implied by such forward-looking information or statements, including, among others: limited operating history, negative operating cash flow and dependence on third party financing, uncertainty of additional financing, delays or failure to obtain required permits and regulatory approvals, changes in mineral resources, no known mineral reserves, aboriginal title and consultation issues, reliance on key management and other personnel; potential downturns in economic conditions; availability of third party contractors; availability of equipment and supplies; failure of equipment to operate as anticipated; accidents, effects of weather and other natural phenomena and other risks associated with the mineral exploration industry; changes in laws and regulation, competition, and uninsurable risks and the risk factors

with respect to Premier American Uranium set out in PUR's annual information form for the year ended December 31, 2024 and the other documents of PUR filed with the Canadian securities regulators and available under PUR's profile on SEDAR+ at www.sedarplus.ca.

Although PUR has attempted to identify important factors that could cause actual actions, events or results to differ materially from those contained in the forward-looking information or implied by forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that forward-looking information and statements will prove to be accurate, as actual results and future events could differ materially from those anticipated, estimated or intended. Accordingly, readers should not place undue reliance on forward-looking statements or information. PUR undertakes no obligation to update or reissue forward-looking information as a result of new information or events except as required by applicable securities laws.

¹ Uranium resources summary of 2023 (wyo.gov)

Photos accompanying this announcement are available at
<https://www.globenewswire.com/NewsRoom/AttachmentNg/35355d18-1b96-4134-bd51-499f79b89a76>
<https://www.globenewswire.com/NewsRoom/AttachmentNg/6176be7f-1fdc-42dd-be9f-69a0bdffc768>

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