ASX Announcement
16 September 2026

Basin ENERGY

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BASIN ENTERS FEDERALLY SUPPORTED TRAILBLAZER RESEARCH COLLABORATION FOR THE SYBELLA-BARKLY RARE EARTH PROJECT

Key Highlights

- Basin has executed a **Collaborative Research Agreement ("CRA")** with **James Cook University ("JCU")** under the Australian Government-backed **Resources Technology and Critical Minerals (RTCM) Trailblazer** program
- The research is focused on the **characterisation, environmentally improved extraction and recovery of rare earth elements ("REEs")**, particularly **heavy rare earth elements ("HREEs")**, from Basin's Sybella Barkly / Newmans mineralisation
- The program aims to develop **improved extraction methods and project-specific flowsheets** for the Sybella-Barkly Rare Earth Project in northwest Queensland
- The agreement runs to **1 June 2029** and **requires no cash payment by Basin**. Basin's contribution comprises access to its project data, drilling and sample archives and the continued advancement of the Sybella Barkly project
- Project IP and data generated will be **owned by JCU**; Basin receives a **royalty-free, non-exclusive, worldwide licence** to advance any mining or exploration project in which it has an interest
- JCU researchers have already **spent several days on site at Newmans** alongside Basin's exploration team, providing valuable exploration insight

Basin Energy Limited **(ASX:BSN) ("Basin" or the "Company")** is pleased to announce that it has entered into a Collaborative Research Agreement (**"CRA"**) with James Cook University (**"JCU"**) under the Australian Government's Resources Technology and Critical Minerals (**"RTCM"**) Trailblazer program.

Under the collaboration, JCU and Basin will conduct research focused on the characterisation, environmentally improved extraction, and recovery of rare earth elements (**"REEs"**), particularly heavy rare earth elements (**"HREEs"**), from the Company's Sybella / Newmans mineralisation, with the aim of developing improved extraction methods and project-specific flowsheets for the Sybella-Barkly Rare Earth Project in northwest Queensland.

The RTCM Trailblazer program is a federally funded research and commercialisation program delivered under the Australian Government's Trailblazer Universities Program. Led by Curtin University together with the University of Queensland and James Cook University, it brings universities and industry together to accelerate innovation across Australia's critical minerals and resources technology sector.

Agreement Terms

The CRA runs to 1 June 2029 and requires no cash payment by Basin to JCU. Basin's contribution is primarily the provision of access to its project data, drilling and sample archives, including auger, aircore and reverse circulation (**"RC"**) drilling chip trays, assay pulps and sample archives, together with the continued advancement of the Newmans discovery.

Project IP and data generated through the research will be owned by JCU and Basin will receive a royalty-free, non-exclusive, worldwide licence to advance any mining or exploration project in which it has a legal or beneficial interest.

Collaboration Underway

The JCU research team has already spent several days on site at Newmans alongside Basin's Exploration Manager, Odile Maufrais, and have been providing valuable exploration insight. Early research activity has included characterisation work on samples from Basin's recent drilling programs. The results of which were presented at a recent Resources Technology and Critical Minerals Trailblazer Research Showcase, along with a student research poster display.

Basin's Managing Director, Pete Moorhouse, commented

"We are delighted to formalise this collaboration with James Cook University under the Trailblazer program. It connects Basin with leading Australian research capability in rare earth characterisation and extraction, with a particular focus on the heavy rare earths that are so critical to advanced technologies. At no cash cost to the Company, our project data and the ongoing work at Newmans will help build local expertise and project-specific processing knowledge that will directly benefit the greater community and Basin."

This announcement has been approved for release by the Board of Basin Energy.

Enquiries

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Company Overview

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About Basin Energy

Basin Energy is an ASX-listed critical minerals exploration company focused on rare earth and uranium discovery in northwest Queensland, Australia.

Basin's current exploration focus is the Sybella-Barkly Project, located within the Sybella Batholith west of Mount Isa, an emerging Australian critical minerals district.

Basin also holds exploration assets in the Athabasca Basin region of Canada and in the Nordic region, providing optionality in high-grade uranium exploration across multiple jurisdictions.

Directors & Management

Pete Moorhouse	**Managing Director**
Blake Steele	**Non-executive Chairman**
Cory Belyk	**Non-executive Director**
Matthew O'Kane	**Non-executive Director**
Ben Donovan	**Company Secretary**
Odile Maufrais	**Exploration Manager**

Basin Energy
ACN 655 515 110

Shares on Issue
235,309,005

ASX Code
BSN

Investment Highlights

*2024 Fraser Institute Investment Attractiveness Index ranking

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Appendix 1

Forward-Looking Statement

This announcement contains forward-looking statements, including statements regarding the anticipated scope, conduct and outcomes of the research collaboration with James Cook University. Forward-looking statements are based on information available to the Company as at the date of this announcement and involve known and unknown risks, uncertainties and other factors, many of which are beyond the control of Basin. There can be no assurance that the research will achieve the outcomes described, or that any improved extraction methods or project-specific flowsheets will be developed or prove commercially viable. Actual results may differ materially from those expressed or implied by forward-looking statements and readers are cautioned not to place undue reliance on them. Subject to its continuous disclosure obligations, the Company does not undertake any obligation to update or revise any forward-looking statements.

To the extent that this announcement refers to previously reported exploration results, the Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant original market announcements, and that all material assumptions and technical parameters underpinning those results continue to apply and have not materially changed. Further details are set out in the following Company ASX market releases, available to view on https://basinenergy.com.au/:

- *ASX Announcement Basin Energy (ASX:BSN), 27th August 2025, "Basin Energy to Acquire Extensive Queensland Uranium and Rare Earth Portfolio."*
- *ASX Announcement Basin Energy (ASX:BSN), 24th October 2025, "Queensland Uranium and Rare Earth Acquisition Completed"*
- *ASX Announcement Basin Energy (ASX:BSN), 20th March 2026, "Basin Awarded $349K Government Funding to Fast-Track Sybella-Barkly Exploration"*
- *ASX Announcement Basin Energy (ASX:BSN), 24th April 2026, "Drilling Commenced at Newmans Hard-Rock Rare Earth Prospect"*
- *ASX Announcement Basin Energy (ASX:BSN), 28th May 2026, "Maiden Drilling Confirms Thick, Shallow And High-Grade Magnet Rare Earth Mineralisation At Newmans"*
- *ASX Announcement Basin Energy (ASX:BSN), 23rd June 2026, "Newmans Drilling Defines 3.3 km Magnet REE Corridor, Exploration Model Validated"*