UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of October, 2026

001-41208
(Commission File Number)

NOVONIX LIMITED

(Translation of registrant's name into English)

Level 38
71 Eagle Street
Brisbane, QLD 4000 Australia
(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.
Form 20-F ☒ Form 40-F ☐

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): ☐

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): ☐

EXHIBIT INDEX

Exhibit No.	**Description**
Exhibit 99.1	ASX Announcement (Second Amortisation Payment under Funding Agreement) dated October 22, 2026

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

NOVONIX LIMITED

By: /s/ Mike O'Kronley
Mike O'Kronley
Chief Executive Officer

Date: October 22, 2026

Exhibit 99.1
ASX ANNOUNCEMENT
(ASX: NVX)

Second Amortisation Payment under Funding Agreement

Chattanooga, TN (USA), 22 October 2026 - NOVONIX Limited (NASDAQ: NVX, ASX: NVX) ("NOVONIX" or the "Company"), refers to its ASX announcements dated 24 July 2025 and 10 September 2026 regarding the funding agreement entered into with YA II PN, Ltd (the "Investor"), an affiliate of Yorkville Advisors Global, LLC, for the provision of funding by way of the issue of convertible debentures with a maximum aggregate face value of up to US$100,000,000 (the "Agreement").

Under the terms of the debenture Agreement, if the daily volume weighted average price ("VWAP") of the Company's shares on ASX was lower than the Floor Price of A$0.12 for the period specified in the Agreement, this constitutes an amortisation event ("Amortisation Event").

The Company advises that it has now made a second amortisation payment of US$7,000,000 to the Investor (the "Second Amortisation Payment"). Convertible debentures with an aggregate face value equal to the Second Amortisation Payment have been redeemed, and the amount outstanding under the Agreement has reduced correspondingly to US$21,000,000.

Ongoing Amortisation Obligations

If the Amortisation Event continues, the Agreement provides for further amortisation payments to be made on a rolling 30-day basis, in an amount equal to 20% of the Amount Outstanding at the time of the Amortisation Event, until the earlier of the Amortisation Event ceasing or the Amount Outstanding being repaid in full.

The Company will continue to monitor its share price against the Floor Price and will keep the market informed in accordance with its continuous disclosure obligations under the ASX Listing Rules.

Funding of the Second Amortisation Payment

The Second Amortisation Payment was funded from the Company's existing cash reserves.

This announcement has been authorized for release by NOVONIX Chairman, Admiral Robert J. Natter, USN Ret.

About NOVONIX

NOVONIX is building a resilient North American battery materials supply chain to reduce risk and support U.S. energy independence. Headquartered in Chattanooga, Tennessee, the company produces high-performance synthetic graphite anode materials for lithium-ion batteries, serving energy storage, electric vehicles, and industrial markets. Through proprietary technologies and expanding manufacturing capacity, NOVONIX is scaling critical battery materials to meet growing global demand.

To learn more, visit us at www.novonixgroup.com or on LinkedIn and X.

For NOVONIX Limited

Investors: ir@novonixgroup.com
Media: media@novonixgroup.com

Cautionary Note Regarding Forward-Looking Statements

This communication contains forward-looking statements about the Company and the industry in which it operates. Forward-looking statements can generally be identified by use of words such as “anticipate,” “believe,” “contemplate,” “continue,” “could,” “estimate,” “expect,” “intend,” “may,” “plan,” “potential,” “predict,” “project,” “should,” “target,” “will,” or “would,” or other similar expressions. Examples of forward-looking statements in this communication include, among others, statements made regarding future amortisation payments and amortisation events, our market position in general, and efforts to develop a North American battery materials supply chain.

The Company has based such statements on current expectations and projections about future events and trends that it believes may affect its financial condition, results of operations, business strategy and financial needs. Such forward-looking statements involve and are subject to known and unknown risks, uncertainties and other factors which may cause actual results, performance, or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Such factors include, among others, the timely deployment and scaling of its furnace technology, ability to meet the technical specifications and demand of existing and future customers, the accuracy of estimates regarding market size, expenses, future revenue, capital requirements, needs and access for additional financing, the availability and impact and compliance with the applicable terms of government

funding and other support, ability to obtain patent rights effective to protect its technologies and processes and successfully defend any challenges to such rights and prevent others from commercializing such technologies and processes, and regulatory and economic developments in the United States, Australia, and other jurisdictions. These and other factors that could affect its business and results are included in its filings with the U.S. Securities and Exchange Commission ("SEC"), including the Company's most recent annual report on Form 20-F. Copies of these filings may be obtained by visiting the Company's Investor Relations website at www.novonixgroup.com or the SEC's website at www.sec.gov.

Forward-looking statements are not guarantees of future performance or outcomes, and actual performance and outcomes may differ materially from those made in or suggested by the forward-looking statements contained in this communication. Accordingly, you should not place undue reliance on forward-looking statements. Any forward-looking statement in this communication is based only on information currently available to us and speaks only as of the date on which it is made. The Company undertakes no obligation to update any forward-looking statement, whether written or oral, that may be made from time to time, whether as a result of new information, future developments or otherwise, except as required by law.