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 February 2026

Commission File Number 001-40974

GLOBALFOUNDRIES Inc.

400 Stonebreak Road Extension
Malta, NY 12020

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 ☐

On February 3, 2026, the Board of Directors (the "Board") of GLOBALFOUNDRIES Inc. (the “Company”) elected Samer Halawa as a new member of the Board and of the Board's Strategy & Investment Committee. Mr. Halawa is currently the Chief Legal Officer of Mubadala Investment Company ("Mubadala"), the Company's majority shareholder. Mr. Halawa will serve as a Class III director, with an initial term expiring at the Company's 2027 annual general meeting of shareholders.

Mr. Halawa was elected as a member of the Board as a Mubadala nominee pursuant to the Shareholder's Agreement between the Company and Mubadala.

Mr. Halawa’s compensation for his role as a director on the Board will be the same as the compensation paid to each other non-employee director for their service on the Board.

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, thereunto duly authorized.

GLOBALFOUNDRIES Inc.

Date: February 4, 2026

By: /s/ Sam Franklin

Name: Sam Franklin

Title: Chief Financial Officer