UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM N-PX

ANNUAL REPORT OF PROXY VOTING RECORD OF REGISTERED MANAGEMENT INVESTMENT COMPANY

INVESTMENT COMPANY ACT FILE NUMBER: 811-23418 NAME OF REGISTRANT: John Hancock GA Mortgage ADDRESS OF PRINCIPAL EXECUTIVE OFFICES: 200 Berkeley Street Boston, MA 02116 NAME AND ADDRESS OF AGENT FOR SERVICE: Heidi Knapp 197 Clarendon Street Boston, MA 02116 REGISTRANT'S TELEPHONE NUMBER: 617-663-3000 DATE OF FISCAL YEAR END: 12/31 DATE OF REPORTING PERIOD: 07/01/2022 - 06/30/2023 <PAGE> <TABLE> <S> <C> <C> <C> <C> 2DFA JH GA Mortgage Trust The fund held no voting securities during the reporting period and did not vote any securities or have any securities that were subject to a vote during the reporting period. </TABLE> <PAGE>

(Registrant) John Hancock GA Mortgage Trust

By (Signature) /s/ Ian Roke

undersigned, thereunto duly authorized.

SIGNATURES

Pursuant to the requirements of the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the

Name Ian Roke Title President Date 08/09/2023