

GENETIC TECHNOLOGIES LTD
Form 6-K
July 27, 2007

FORM 6-K

U.S. SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

REPORT OF FOREIGN PRIVATE ISSUER

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

dated July 27, 2007

Commission File Number 0-51504

GENETIC TECHNOLOGIES LIMITED

(Exact Name as Specified in its Charter)

N/A

(Translation of Registrant's Name)

60-66 Hanover Street

Fitzroy

Victoria 3065 Australia

(Address of principal executive offices)

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):

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes No

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If Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):
Not applicable.

SIGNATURES

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

Date: July 27, 2007

GENETIC TECHNOLOGIES LIMITED

By: /s/ Thomas Howitt
Name: Thomas Howitt
Title: Chief Financial Officer

EXHIBIT INDEX

| Exhibit | Description of Exhibit |
|---------|---------------------------------|
| 99.1 | ASX Announcement, July 27, 2007 |