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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

Date of Report: July 27, 2006

CEMEX, S.A.B. de C.V.

(Exact name of Registrant as specified in its charter)

CEMEX Corp.

(Translation of Registrant's name into English)

United Mexican States

(Jurisdiction of incorporation or organization)

Av. Ricardo Margáin Zozaya # 325, Colonia Valle del Campestre

Garza García, Nuevo León, México 66265

(Address of principal executive offices)

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

Form 20-F Form 40-F

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

Yes No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):

N/A

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Contents

1. Press release, dated July 27, 2006, announcing CEMEX's divestiture of a 24.9% interest in PT Semen Gresik in Indonesia (attached as Exhibit 1 hereto).

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SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, CEMEX, S.A.B. de C.V. has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

CEMEX, S.A.B. de C.V.
(Registrant)

Date: July 27, 2006

By: /s/ Rodrigo Treviño
Name: Rodrigo Treviño
Title: Chief Financial Officer

Exhibit 1

EXHIBIT INDEX

<u>EXHIBIT NO.</u>	<u>DESCRIPTION</u>
1.	Press release, dated July 27, 2006, announcing CEMEX's divestiture of a 24.9% interest in PT Semen Gresik in Indonesia.

Exhibit 1

Media Relations
Jorge Perez
(52-81) 8888-4334

Investor Relations
Abraham Rodriguez
(52-81) 8888-4262

Analyst Relations
Ricardo Sales
(212) 317-6008



CEMEX DIVESTS INVESTMENT IN SEMEN GRESIK

MONTERREY, MEXICO. July 27, 2006- CEMEX, S.A.B. de C.V. (NYSE: CX) announced today that it has divested a 24.9% interest in PT Semen Gresik to Indonesia-based Rajawali Group for approximately US\$337 million, or US\$2.28 per share. CEMEX and the Indonesian government have agreed to settle the arbitration case before the International Centre for Settlement of Investment Disputes.

PT Semen Gresik is a publicly traded company on the Jakarta Stock Exchange and trades under the ticker symbol "SMGR".

CEMEX is a growing global building solutions company that provides high quality products and reliable service to customers and communities in more than 50 countries throughout the world. Commemorating its 100th anniversary in 2006, CEMEX has a rich history of improving the well-being of those it serves through its efforts to pursue innovative industry solutions and efficiency advancements and to promote a sustainable future. For more information, visit www.cemex.com.

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