

AXCELIS TECHNOLOGIES INC

Form 8-K

April 27, 2004

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): April 27, 2004

Axcelis Technologies, Inc.

(Exact name of registrant as specified in charter)

Delaware

000-30941

34-1818596

(State or other jurisdiction of incorporation)

(Commission File Number)

(IRS Employer Identification No.)

108 Cherry Hill Drive, Beverly, Massachusetts

01915

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code: (978) 787-4000

(Former name or former address, if changed since last report)

Item 12. Disclosure of Results of Operations and Financial Condition.

On April 27, 2004, Axcelis Technologies, Inc. (the "Company") issued a press release regarding its financial results for the quarter ended March 31, 2004. The Company's press release is attached as Exhibit 99.1 to this Current Report on Form 8-K and incorporated by reference herein.

The information in this Current Report on Form 8-K and the Exhibit attached hereto shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 (the "Exchange Act") or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, regardless of any general incorporation language in such filing.

SIGNATURE

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.

Date: April 27, 2004

Axcelis Technologies, Inc.

By:

/s/ STEPHEN G. BASSETT

Stephen G. Bassett

Chief Financial Officer

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press release dated April 27, 2004