

FNX MINING CO INC
Form 6-K
August 23, 2005

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 6-K

**Report of Foreign Private Issuer
Pursuant to Rule 13a-16 or 15d-16 of
the Securities Exchange Act of 1934**

For the month of August, 2005

Commission File Number 001-31704

FNX MINING COMPANY INC.

(Registrant's name)

55 University Avenue

Suite 700

Toronto, Ontario

M5J 2H7 Canada

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(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 40F.

Form 20-F Form 40-F **X**

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 **X**

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

Documents Included as Part of this Report

No.

Document

1

News release on Latest Drilling Results from the Levack Footwall Discovery dated August 23, 2005

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 under-signed, thereunto duly authorized.

Date: August 23, 2005

FNX MINING COMPANY INC.

By: /s/ Dave Constable

Dave Constable

Vice President