FNX MINING CO INC
Form 6-K
May 19, 2004

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 May, 2004

Commission File Number 001-31704

**FNX MINING COMPANY INC.**

*(Registrant's name)*

**55 University Avenue**

**Suite 700**

**Toronto, Ontario**

**M5J 2H7 Canada**

*(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-_____

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**Documents Included as Part of this Report**

No.

Document

1

News release on $30 Million Advanced exploration Program at

Norman Property dated May 19th, 2004

**$30 Million Underground Exploration**

**Program and Feasibility Study at Norman**

TORONTO: May 19, 2004 - **FNX Mining Company Inc. (FNX-TSX/AMEX)** and Dynatec Corporation (DY-TSX) announce that the Sudbury Joint Venture has approved a $30 million underground exploration program and feasibility study for the Norman 2000 and Norman North Deposits and will initiate the program immediately upon receipt of all required permits.

The **Norman 2000 Deposit** underground advanced exploration program and feasibility study are expected to cost $25 million and take 24 months to complete. The underground program (Figure 1) will include sinking a vertical shaft to the 2,450 Level and crosscutting, ramping and drifting in the 2000 Deposit. This work will be followed by detailed underground drilling and bulk sampling. The bulk sampling program will provide grade continuity and metallurgical information, while the underground drilling will augment the positive drill results encountered to date and together will provide sufficient data to allow resource and reserve estimates. Once the underground program has been completed, the Sudbury Joint Venture will conduct a feasibility study and determine the viability of placing the 2000 Deposit into production. In preparation for the shaft sinking program, road access is presently being prepared and a vertical condemnation hole was recently completed at the proposed shaft site.

A contemporaneous $5 million underground program (Figure 1) has also been approved to test the near surface **Norman North** Deposit via a declined ramp to be collared some 500 feet from the shaft site. This work will permit access to the North Deposit for underground drilling and bulk sampling. The Norman North underground program and feasibility study are expected to take about 12 months and could lead to a production decision by mid next year.

The decision to proceed with the underground program on the Norman Deposits was prompted by the positive drill results encountered to date, including wide intersections of good-grade copper-platinum-palladium-gold-nickel mineralization containing narrower intersections of high-grade mineralization.

The ongoing Norman surface drill program intersected several untested areas within the 2000 Deposit. Since the previous release on the Norman Property (October 29, 2003) the Sudbury Joint Venture completed 13 surface holes for a total of 31,178 ft into the 2000 Deposit. The complete assay results and borehole locations are shown in Table 1 and Figure 2. The drill results within the 2000 Deposit are encouraging and help define the 2000 Deposit and its high-grade central core.

**TODAY'S HIGHLIGHTS - 2000 DEPOSIT**

| Hole No | Ft. | Cu% | Ni% | TPM g/T |
|---|---|---|---|---|
| • 4123B | 47.2 | 2.1 | 0.7 | 5.1 |
| incl | 96.2 | 2.6 | 0.9 | 6.8 |
| incl | 28.9 | 3.2 | 2.3 | 7.8 |
| • 4127A | 26.1 | 1.2 | 0.3 | 11.5 |

- **4131**

**238.2**

**1.4**

**0.2**

**2.5**

**incl**

**49.8**

**3.6**

**0.5**

**5.5**

**incl**

**15.0**

**8.3**

**1.0**

**10.3**

- **4134**

**258.8**

**4.6**

**0.6**

**5.9**

**incl**

**60.7**

**9.2**

**1.3**

**8.5**

**incl**

**10.8**

**29.3**

**0.3**

**19.7**

**incl**

**31.8**

**15.9**

**2.8**

**14.3**

- **4134B**

**50.0**

**3.2**

| | | | | | |
|---|---|---|---|---|---|
| | | | | | **0.3** |
| | | | | | **5.1** |
| | | | | | **159.2** |
| | | | | | **4.3** |
| | | | | | **0.4** |
| | | | | | **7.9** |
| **incl** | | | | | |
| | | | | | **23.1** |
| | | | | | **7.7** |
| | | | | | **0.8** |
| | | | | | **14.8** |
| **incl** | | | | | |
| | | | | | **5.8** |
| | | | | | **31.2** |
| | | | | | **0.5** |
| | | | | | **19.3** |

In addition to the 2000 Deposit drilling, four surface drill holes (2,809 ft) were completed on the near surface North Deposit, which is located 2,500 ft northeast of the 2000 Deposit. The four widely spaced holes intersected significant copper-platinum-palladium-gold-nickel mineralization and confirmed the geological model. The complete assay results and borehole locations are shown in Table 2 and Figure 3.

**TODAY'S HIGHLIGHTS - NORTH DEPOSIT**

| Hole No | Ft. | Cu% | Ni% | TPM g/T |
|---|---|---|---|---|
| | **8.3** | **10.4** | **0.3** | **10.2** |
| **• 4146** | | | | |
| | **81.2** | **6.4** | **0.4** | **6.0** |

| | | | | |
|---|---|---|---|---|
| **• 4147** | | | | |
| **incl** | **30.8** | **15.7** | **0.7** | **13.2** |
| | **6.9** | **9.9** | **0.2** | **9.2** |
| **• 4148** | | | | |

**Notes and abbreviations to accompany these highlights are located below**

**Sudbury Joint Venture - General**

The Sudbury Joint Venture is owned 75% by FNX and 25% by Dynatec Corporation. The SJV properties (McCreedy West, Levack, Victoria, Norman and Kirkwood) are all former copper, nickel, platinum, palladium, gold producers located in the Sudbury District of northeastern Ontario and are covered by previously announced agreements between FNX and Dynatec (see February 3, 2002 FNX and Dynatec press release). For a detailed description of the properties and previous work, please go to the FNX website "www.fnxmining.com" and refer to FNX's Annual Information Form dated March 23, 2004.

James M. Patterson, Ph.D., P.Geo., and Vice President Exploration of FNX, is the designated Qualified Person and is responsible for the verification and quality assurance of the Sudbury Joint Venture's exploration data and analytical results. Please see the July 16, 2003 press release for a description of sample preparation and assay procedures for the Sudbury Joint Venture. Dynatec is the mine operator for the Sudbury Joint Venture. Anthony P. Makuch, M. Eng., P. Eng., M.B.A., and Dynatec's Vice President, Sudbury Joint Venture Mining Operations, oversees mining activities on behalf of the Sudbury Joint Venture.

*This press release contains certain forward-looking statements. These forward-looking statements are subject to a variety of risks and uncertainties beyond the company's ability to control or predict which could cause actual events or results to differ materially from those anticipated in such forward-looking statements. Accordingly, readers should not place undue reliance on forward-looking statements.*

**For further information, please contact:** FNX Website - www.fnxmining.com

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**TABLE 1- 2000 DEPOSIT - HOLES REPORTED TODAY**

| Borehole | West | South | Grid Bearing° | Dip° | Feet | | | % | | | | g/t | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | From | To | Length | Cu | Ni | Pt | Pd | Au | TPM |
| FNX4123B | 1637.0 | 557.0 | 92.5 | -64.3 | 2577.8 | 2725.0 | 147.2 | 2.1 | 0.7 | 2.8 | 1.7 | 0.6 | 5.1 |
| | | | | incl | 2577.8 | 2674.0 | 96.2 | 2.6 | 0.9 | 3.8 | 2.2 | 0.9 | 6.8 |
| | | | | incl | 2619.9 | 2674.0 | 54.1 | 2.6 | 1.3 | 4.3 | 2.3 | 0.9 | 7.5 |
| | | | | incl | 2619.9 | 2648.8 | 28.9 | 3.2 | 2.3 | 4.1 | 2.6 | 1.1 | 7.8 |
| FNX4124A | 1539.0 | 96.0 | 88.0 | -64.5 | 1981.1 | 1994.7 | 13.6 | 1.1 | 0.1 | 4.9 | 2.7 | 0.4 | 8.0 |
| | | | | | 2278.3 | 2284.6 | 6.3 | 1.0 | 0.3 | 0.5 | 0.2 | 0.3 | 1.0 |
| FNX4125 | 1402.1 | 350.6 | 83.9 | -58.5 | 1925.8 | 1949.5 | 23.7 | 2.2 | 0.1 | 0.5 | 1.0 | 0.2 | 1.7 |
| FNX4127A | 1789.8 | 399.7 | 84.0 | -64.5 | 2585.4 | 2611.5 | 26.1 | 1.2 | 0.3 | 8.4 | 2.3 | 0.8 | 11.5 |
| | | | | incl | 2644.5 | 2664.9 | 20.4 | 2.4 | 0.5 | 2.3 | 1.1 | 0.3 | 3.7 |
| | | | | incl | 2978.0 | 2999.0 | 21.0 | 0.5 | 0.1 | 1.1 | 0.6 | 0.3 | 2.1 |
| FNX4128 | 1401.5 | 351.4 | 87.0 | -54.0 | | | | | | | NSV | | |
| FNX4129 | 1544.1 | 95.1 | 84.4 | -69.0 | | | | | | | NSV | | |
| FNX4131 | 1638.6 | 555.7 | 84.0 | -60.0 | 2112.9 | 2115.4 | 2.5 | 9.5 | 0.1 | 3.2 | 5.4 | 1.1 | 9.7 |
| | | | | | 2216.0 | 2454.2 | 238.2 | 1.4 | 0.2 | 0.8 | 1.0 | 0.6 | 2.5 |
| | | | | incl | 2216.0 | 2232.5 | 16.5 | 4.1 | 0.2 | 0.6 | 1.1 | 0.2 | 1.8 |
| | | | | incl | 2352.9 | 2362.6 | 9.7 | 3.7 | 0.5 | 1.8 | 1.1 | 4.4 | 7.3 |
| | | | | incl | 2403.5 | 2454.2 | 49.8 | 3.6 | 0.5 | 1.7 | 3.4 | 0.4 | 5.5 |
| | | | | incl | 2436.4 | 2451.4 | 15.0 | 8.3 | 1.0 | 2.1 | 7.7 | 0.5 | 10.3 |
| FNX4132 | 1543.2 | 95.1 | 86.0 | -57.0 | 2076.0 | 2079.4 | 3.4 | 18.5 | 0.8 | 3.9 | 2.4 | 0.9 | 7.2 |
| FNX4133 | 1789.8 | 399.7 | 94.3 | -69.5 | | | | | | | NSV | | |
| FNX4133A | 1789.8 | 399.7 | 96.0 | -69.5 | | | | | | | NSV | | |
| FNX4134 | 1497.0 | 253.0 | 93.0 | -69.0 | 2201.7 | 2204.4 | 2.7 | 6.6 | 0.8 | 1.0 | 3.4 | 0.1 | 4.5 |
| | | | | | 2247.8 | 2258.1 | 10.3 | 3.5 | 0.3 | 1.9 | 2.7 | 0.3 | 5.0 |
| | | | | | 2319.2 | 2330.8 | 11.6 | 5.3 | 1.0 | 0.9 | 1.2 | 0.7 | 2.8 |
| | | | | | 2389.5 | 2648.3 | 258.8 | 4.6 | 0.6 | 2.5 | 2.6 | 0.8 | 5.9 |
| | | | | incl | 2394.6 | 2407.0 | 12.4 | 2.3 | 0.4 | 6.0 | 2.0 | 1.0 | 9.0 |
| | | | | incl | 2417.7 | 2429.2 | 11.5 | 2.5 | 0.1 | 9.4 | 2.9 | 1.0 | 13.3 |
| | | | | incl | 2443.6 | 2454.4 | 10.8 | 29.3 | 0.3 | 5.4 | 12.6 | 1.8 | 19.7 |
| | | | | incl | 2472.3 | 2491.0 | 18.7 | 5.6 | 0.3 | 3.3 | 3.5 | 1.0 | 7.7 |
| | | | | incl | 2513.4 | 2541.6 | 28.2 | 2.4 | 0.8 | 2..5 | 2..0 | 1.1 | 5.6 |
| | | | | incl | 2582.5 | 2643.2 | 60.7 | 9.2 | 1.3 | 2.5 | 4.5 | 1.5 | 8.5 |
| | | | | incl | 2604.7 | 2636.5 | 31.8 | 15.9 | 2.8 | 4.0 | 8.0 | 2.3 | 14.3 |
| | | | | incl | 2629.5 | 2636.5 | 7.0 | 25.4 | 1.3 | 6.6 | 18.3 | 0.4 | 25.2 |
| | | | | incl | 2617.5 | 2639.0 | 21.5 | 17.5 | 2.2 | 4.8 | 10.4 | 3.6 | 18.7 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 2653.8 | 2675.0 | 21.2 | 0.8 | 0.1 | 1.3 | 0.8 | 0.5 | 2.6 |
| FNX4134B | 1497.0 | 253.0 | 93.0 | -69.0 | 2097.0 | 2100.0 | 3.0 | 4.4 | 1.0 | 1.1 | 2.0 | 0.2 | 3.3 |
| | | | | | 2134.5 | 2136.0 | 1.5 | 18.8 | 0.04 | 4.4 | 12.1 | 0.5 | 17.0 |
| | | | | | 2159.2 | 2209.2 | 50.0 | 3.2 | 0.3 | 1.6 | 2.0 | 1.4 | 5.1 |
| | | | | | 2273.1 | 2432.3 | 159.2 | 4.3 | 0.4 | 4.4 | 2.9 | 0.7 | 7.9 |
| | | | | | 2395.2 | 2418.3 | 23.1 | 7.7 | 0.8 | 10.0 | 3.5 | 1.3 | 14.8 |
| | | | | | 2467.1 | 2472.9 | 5.8 | 31.2 | 0.5 | 6.0 | 13.0 | 0.3 | 19.3 |
| | | | | | 2494.0 | 2496.3 | 2.3 | 22.4 | 0.7 | 6.1 | 6.3 | 4.2 | 16.5 |
| FNX4135 | 1516.0 | 198.0 | 89.0 | -72.0 | 2496.1 | 2503.2 | 7.1 | 0.6 | 0.1 | 4.2 | 1.8 | 0.6 | 6.6 |
| | | | | | 2539.0 | 2545.7 | 6.7 | 1.2 | 0.1 | 3.6 | 1.7 | 1.3 | 6.6 |
| | | | | | 2799.0 | 2804.0 | 5.0 | 0.5 | 0.1 | 3.7 | 1.8 | 0.6 | 6.1 |

**TABLE 2 NORTH DEPOSIT - HOLES REPORTED TODAY**

| Borehole | East | North | Grid Bearing° | Dip° | Feet | | | % | | | g/t | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | From | To | Length | Cu | Ni | Pt | Pd | Au | TPM |
| FNX4145 | 247.0 | 1900.0 | 270.0 | -48.0 | 419.9 | 428.3 | 8.4 | 1.4 | 0.3 | 1.5 | 2.4 | 0.7 | 4.6 |
| FNX4146 | 57.0 | 1900.0 | 270.0 | -47.0 | 582.5 | 601.8 | 19.3 | 1.4 | 0.2 | 0.9 | 0.7 | 0.4 | 2.0 |
| | | | | | 647.7 | 656.0 | 8.3 | 10.4 | 0.3 | 2.8 | 4.5 | 2.9 | 10.2 |
| | | | | | 678.4 | 689.9 | 11.5 | 1.6 | 0.3 | 2.4 | 1.5 | 0.5 | 4.4 |
| FNX4147 | 177.0 | 2000.0 | 270.0 | -48.0 | 308.5 | 389.7 | 81.2 | 6.4 | 0.4 | 2.3 | 3.0 | 0.7 | 6.0 |
| | | | | Incl | 349.9 | 380.7 | 30.8 | 15.7 | 0.7 | 4.6 | 7.0 | 1.6 | 13.2 |
| | | | | | 447.1 | 466.9 | 19.8 | 2.8 | 0.1 | 1.7 | 0.6 | 0.3 | 2.6 |
| | | | | | 520.0 | 538.5 | 18.5 | 0.3 | 0.1 | 1.1 | 0.7 | 0.6 | 2.4 |
| | | | | | 594.5 | 605.0 | 10.5 | 1.9 | 0.5 | 5.3 | 1.3 | 1.1 | 7.7 |
| FNX4148 | 336.0 | 2000.0 | 270.0 | -49.0 | 259.5 | 317.6 | 58.1 | 1.9 | 0.1 | 0.8 | 0.8 | 0.3 | 1.9 |
| | | | | Incl | 259.5 | 266.4 | 6.9 | 9.9 | 0.2 | 4.5 | 4.0 | 0.7 | 9.2 |

**Notes to Tables:**

- **The lengths reported are core intersection lengths; the true widths of the new FNX boreholes reported here are interpreted to be between 60% - 80% of the intersection lengths**
- **Cu = copper; Ni = nickel; Pt = platinum; Pd = palladium; Au = gold**
- **TPM = total precious metals defined as Pt+Pd+Au**
- **g/T = grams per metric tonne**
- **nsv = no significant values**

**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: May 19, 2004

**FNX MINING COMPANY INC.**

By: /s/ DAVE CONSTABLE

Dave Constable

Vice President