

NORD RESOURCES CORP
 Form 3
 February 26, 2008

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL
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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

| | | | | |
|---|---------|--------------------------------------|--|---|
| 1. Name and Address of Reporting Person * | | 2. Date of Event Requiring Statement | 3. Issuer Name and Ticker or Trading Symbol | |
| Â Geologic Resource Partners, LLC | | (Month/Day/Year) | NORD RESOURCES CORP [NRDS] | |
| (Last) | (First) | 02/22/2008 | | |
| 535 BOYLSTON STREET,Â | | | 4. Relationship of Reporting Person(s) to Issuer | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| (Street) | | | (Check all applicable) | |
| BOSTON,Â MAÂ 02116 | | | <input type="checkbox"/> Director | 6. Individual or Joint/Group Filing(Check Applicable Line) |
| (City) | (State) | | <input checked="" type="checkbox"/> 10% Owner | <input type="checkbox"/> Form filed by One Reporting Person |
| | (Zip) | | <input type="checkbox"/> Officer | <input type="checkbox"/> Form filed by More than One Reporting Person |
| | | | (give title below) | (specify below) |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock | 6,112,700 | I | Footnote ⁽¹⁾ |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|---|--|--|---|
| | | Title | | | |

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| | Date Exercisable | Expiration Date | Amount or Number of Shares | or Indirect (I) (Instr. 5) | |
|-------------------------|------------------|-----------------|----------------------------|----------------------------|----------------|
| Warrants (Right to Buy) | Â (2) | 06/06/2012 | Common Stock 891,999 | \$ 1.1 | I Footnote (1) |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Geologic Resource Partners, LLC 535 BOYLSTON STREET BOSTON, MA 02116 | Â | Â X | Â | Â |
| IRELAND GEORGE R C/O GEOLOGIC RESOURCE PARTNERS LLC 535 BOYLSTON STREET BOSTON, MA 02116 | Â | Â X | Â | Â |

Signatures

Geologic Resource Partners, LLC, By: /s/ George R. Ireland, Managing Member 02/26/2008

__Signature of Reporting Person

Date

/s/ George R. Ireland

02/26/2008

__Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 5(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

These securities are held in the accounts of private investment vehicles advised by Geologic Resource Partners, LLC. George R. Ireland is the managing member of Geologic Resource Partners, LLC. Each of Geologic Resource Partners, LLC and George R. Ireland disclaims

(1) beneficial ownership of the reported securities except to the extent of its pecuniary interest therein, and this report shall not be deemed an admission that such Reporting Person is the beneficial owner of the securities for purposes of Section 16 of the Securities Exchange Act of 1934, as amended, or for any other purpose.

(2) Each Warrant is immediately exercisable.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure.

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