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| hours per response: | 0.5 |

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

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|--|---|--|
| 1. Name and Address of Reporting Person * <u>Rubin Ethel</u> (Last) (First) (Middle) <u>1489 WEST WARM SPRINGS ROAD,</u> <u>SUITE 110</u> (Street) <u>HENDERSON NV 89014</u> (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>VOLITIONRX LTD [VNRX]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below) |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>06/01/2025</u> | |
| | | 4. If Amendment, Date of Original Filed (Month/Day/Year) |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|------------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| <u>Common Stock</u> | <u>06/01/2025</u> | | <u>A</u> | | <u>11,983⁽¹⁾</u> | <u>A</u> | <u>\$0</u> | <u>45,524</u> | <u>D</u> | |

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

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|--|-----|---|-----------------|--|--|---|--|
| | | | | Code | V | | (A) | (D) | Date Exercisable | Expiration Date | | | | |

Explanation of Responses:
1. On June 1, 2025, the reporting person was awarded 11,983 restricted stock units ("RSUs") under the Issuer's 2015 Stock Incentive Plan in lieu of cash compensation that would otherwise have been owed to the reporting person. The RSUs partially vest in three installments of 3,995 units, 3,994 units, and 3,994 units on each of June 1, 2025, July 1, 2025 and August 1, 2025, respectively, are also subject to further time-based vesting in a single installment on August 1, 2025, and are generally subject to continued service throughout each applicable vesting date. Upon vesting and settlement, the reporting person will receive a number of shares of common stock equal to the number of RSUs that have vested.

Remarks:

/s/ Ethel Rubin 06/03/2025
** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.
* If the form is filed by more than one reporting person, see Instruction 4 (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).
Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.
Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.