UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of April, 2014

Commission File Number: 001-32929

POLYMET MINING CORP.

(Translation of registrant's name into English)

100 King Street, Suite 5700 Toronto, ON Canada M5X 1C7

(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 40-F.

[X] Form 20-F [] Form 40-F

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): []

EXPLANATORY NOTE

This report on Form 6-K and attached exhibit are incorporated by reference into Registration Statement No. 333-161564 and this report on Form 6-K shall be deemed a part of such registration statement from the date on which this report on Form 6-K is filed, to the extent not superseded by documents or reports subsequently filed or furnished by PolyMet Mining Corp. under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended.

SUBMITTED HEREWITH

Exhibits

- 99.1 News Release dated April 25, 2014
- 99.2 PolyMet Debentures & Exchange Warrant Amendment

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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 undersigned, thereunto duly authorized.

PolyMet Mining Corp.

(Registrant)

Date: April 25, 2014

By: /s/ Jonathan Cherry

Jonathan Cherry Title: President and CEO

black; border-top-width: 0; border-left-width: 1; border-right-width: 1; border-bottom-width: 1"> (Last) (First) (Middle) C/O KORN/FERRY INTERNATIONAL, 1900 AVENUE OF THE STARS, SUITE 2600 3. Date of Earliest Transaction (Month/Day/Year) 07/08/2011 (Street) LOS ANGELES, CA 90067 4. If Amendment, Date Original Filed(Month/Day/Year) 6. Individual or Joint/Group Filing(Check Applicable Line) _X_Form filed by One Reporting Person ____ Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of 3. Transaction(A) or Disposed of (D) Form: Direct Indirect Security (Month/Day/Year) Execution Date, if Securities (Instr. 3) (Instr. 3, 4 and 5) Beneficial Code Beneficially (D) or any Owned Indirect (I) Ownership (Month/Day/Year) (Instr. 8) Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Common Stock, par **F**⁽¹⁾ D 07/08/2011 1,605 37,414 D 23.31 value \$0.01 per share Common Stock, par $F^{(2)}$ 07/11/2011 341 D 37.073 D value \$0.01 22.71 per share F⁽³⁾ Common 07/11/2011 571 D \$ 36,502 D Stock, par 22.71 value \$0.01

Reporting Owners

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per share

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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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. Transacc Code (Instr. 8)	5. tionNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3,			Amou Unde Secur	le and int of rlying ities . 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Owne Follo Repo Trans (Instr
				Code V	4, and 5)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Neal Mark C/O KORN/FERRY INTERNATIONAL 1900 AVENUE OF THE STARS, SUITE 2600			VP, Finance				
LOS ANGELES, CA 90067 Signatures							

**Signature of Reporting Person

/s/ Peter L. Dunn,

attorney-in-fact

Date

07/12/2011

Explanation of Responses:

- * 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).
- (1) Represents a reduction in shares to satisfy the tax withholding obligations of the Issuer with respect to the vesting, on July 8, 2011, of 4,488 shares of restricted stock held by the Reporting Person.
- (2) Represents a reduction in shares to satisfy the tax withholding obligations of the Issuer with respect to the vesting, on July 9, 2011, of 953 shares of restricted stock held by the Reporting Person.

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(3) Represents a reduction in shares to satisfy the tax withholding obligations of the Issuer with respect to the vesting, on July 10, 2011, of 1,597 shares of restricted stock held by the Reporting Person.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.