
**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 OF
THE SECURITIES EXCHANGE ACT OF 1934**

For the month of **April 2016**

Commission File No. **001-35278**

PRIMERO MINING CORP.

(Translation of registrant's name into English)

**Suite 2100, 79 Wellington Street West,
TD South Tower, P.O Box 139
Toronto, Ontario
M5K 1H1 Canada**

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F

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)

Indicate by check mark whether the registrant, by furnishing the information contained in this Form, is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes **No**

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

SUBMITTED HEREWITH

Exhibits	
99.1	News Release dated April 1, 2016

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.

Date: **April 4, 2016**

PRIMERO MINING CORP.

“Wendy Kaufman”

Wendy Kaufman
Chief Financial Officer



PRIMERO REPORTS A FATAL PLANE CRASH CLOSE TO ITS SAN DIMAS MINE

Toronto, Ontario, April 1, 2016 – Primero Mining Corp. (“Primero” or the “Company”) (TSX:P, NYSE:PPP) today confirmed that a plane crash resulting in three fatalities has occurred close to its San Dimas mine in Mexico.

An aircraft carrying 10 individuals crash-landed earlier today in the Sierra Madre mountain range approximately 15 kilometres from the Tayoltita airport. The passengers were Primero employees and family members en route to Durango. Primero mourns the loss of employees, Toronto based executive Guillermo Adrian, Vice President, Operations, San Dimas based José Paz Vizcarra Juarez, Warehouse Clerk, and a family member of Sr. Vizcarra.

“This tragedy has impacted every person at Primero deeply and we send our deepest condolences to the families, friends and colleagues of the deceased,” stated Ernest Mast, President and C.E.O. “All survivors are being treated for their injuries, and we will provide support to the affected families to help them through this difficult time. The Company will cooperate fully with aviation authorities to determine the cause of the accident.”

About Primero

Primero Mining Corp. is a Canadian-based precious metals producer that owns 100% of the San Dimas gold-silver mine and the Cerro del Gallo gold-silver-copper development project in Mexico and 100% of the Black Fox mine and adjoining properties in the Township of Black River-Matheson near Timmins, Ontario, Canada. Primero offers immediate exposure to un-hedged, below average cash cost gold production with a substantial resource base in politically stable jurisdictions. The Company is focused on becoming a leading intermediate gold producer by building a portfolio of high quality, low cost precious metals assets in the Americas.

Primero’s website is www.primeromining.com.

For further information, please contact:

Evan Young
Manager, Investor Relations
Tel: (416) 814-2694
eyoung@primeromining.com