

OMB APPROVAL  
OMB Number: 3325-0116  
Expires: March 31, 2011  
Estimated average burden  
Hours per response 8.7

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

## FORM 6-K

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

For the Month of \_\_\_\_\_ January 2009

### PEDIMENT EXPLORATION LTD.

(Name of Registrant)

789 West Pender Street, #720, Vancouver, British Columbia, Canada V6C 1H2  
(Address of principal executive offices)

1. Notice of Meeting and Record Date, dated 1/16/2009

Indicate by check mark whether the Registrant files annual reports under cover of Form 20-F or Form 40-F.

Form 20-F xxx 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 Securities Exchange Act of 1934.

Yes \_\_\_\_ No xxx

SEC 1815 (4-2007) 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 control number.



Suite 720 - 789 West Pender St.  
Vancouver, BC V6C 1H2  
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Reply Attention of:	Dayna Caouette
Direct Phone:	604.682.4418
Direct Fax:	604.669.0384
E-mail:	dayna@pedimentexploration.com
Date:	January 16, 2009

**BY SEDAR**

British Columbia Securities Commission  
Alberta Securities Commission

**Attention:** Statutory Filings Department

Dear Sirs/Mesdames:

**Re: Notice of Record Date Under National Instrument 54-101**

In accordance with National Instrument 54-101, we hereby give you notice of a meeting of the shareholders for the under-mentioned issuer:

Issuer:	Pediment Exploration Ltd.
Security Description:	Common shares
CUSIP #:	70532U103
Meeting Type:	Annual General
Record Date for Notice & Voting:	Wednesday, February 11, 2009
Beneficial ownership determination date:	Wednesday, February 11, 2009
Meeting Date:	Friday, March 20, 2009

Yours truly,

Pediment Exploration Ltd.

*"Dayna Caouette"*

Dayna Caouette

Copy to TSX Venture Exchange; Securities Commissions for each of: Saskatchewan, Manitoba, Ontario, Nova Scotia and Newfoundland; Registrar of Securities for each of: Prince Edward Island, Government of the Yukon Territory and Nunavut Territory; Office of the Administrator - New Brunswick; Securities Registry - Government of the Northwest Territories; Autorité des marchés financiers

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this Form 6-K to be signed on its behalf by the undersigned, thereunto duly authorized.

Pediment Exploration Ltd. -- SEC File No. 000-52509  
(Registrant)

Date: January 27, 2008

By /s/ Gary Freeman  
Gary Freeman, President/CEO/Director