AMVESCAP PLC/LONDON/ Form 6-K January 18, 2007

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 January 2007

Commission File Number 001-13908

AMVESCAP PLC

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(Translation of registrant's name into English)

30 Finsbury Square, London EC2A 1AG, ENGLAND
------(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.

Form 20-F X 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):

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

Yes No X

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

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Description of document filed: NOTIFICATION OF MAJOR INTERESTS IN SHARES

AMVESCAP PLC

IMMEDIATE RELEASE 18 JANUARY 2007

CONTACT: MICHAEL S PERMAN TEL: 020 7065 3942

1. Name of company

AMVESCAP PLC

2. Name of shareholder having a major interest

BARCLAYS PLC THROUGH THE LEGAL ENTITIES LISTED BELOW:-

	HOLAING
Barclays Capital Securities Ltd	7,788,053
Barclays Global Investors Japan Trust & Banking	844,860
Barclays Private Bank and Trust Ltd	800
Barclays Global Investors, N.A.	5,069,254
Barclays Global Investors Ltd	6,636,405
Barclays Capital Inc	222,000
Barclays Bank Trust Company Ltd	8,219
Barclays Global Investors Canada Ltd	58,628
Gerrard Ltd	476,611
Barclays Global Investors Japan Ltd	70,235
Barclays Life Assurance Co Ltd	1,109,391
Barclays Global Fund Advisors	3,028,001
GROUP HOLDING	25,312,457

Holding

3. Please state whether notification indicates that it is in respect of holding of the shareholder named in 2 above or in respect of a non-beneficial interest or in the case of an individual holder if it is a holding of that person's spouse or children under the age of 18.

NOTIFICATION IS IN RESPECT OF THE SHAREHOLDERS NAMED IN 2 ABOVE.

4. Name of the registered holder(s) and, if more than one holder, the number of shares held by each of them

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5. Number of shares/amount of stock acquired

NOT STATED

6. Percentage of issued class

NOT STATED

7. Number of shares/amount of stock disposed

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8. Percentage of issued class

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9. Class of security

ORDINARY SHARES

10. Date of transaction

16 JANUARY 2007

11. Date company informed

18 JANUARY 2007

12. Total holding following this notification

25,312,457

13. Total percentage holding of issued class following this notification

3.04%

14. Any additional information

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15. Name of contact and telephone number for queries

MICHAEL S PERMAN TEL: 020 7065 3942

16. Name and signature of authorised company official responsible for making this notification

Michael S Perman AMVESCAP PLC COMPANY SECRETARY

Date of notification

18 JANUARY 2007

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Registered Holder	Account Designation	Holding
Bank of New York Barclays Capital Nominees Limited Barclays Capital Nominees Limited Barclays Global Investors Barclays Global Investors Canada Barclays Trust Co & Others Barclays Trust Co R69 Durlacher Nominees Ltd Gerrard Nominees Limited Greig Middleton Nominees Limited (GM1) Investors Bank and Trust Co. JP Morgan (BGI Custody)	630871 652198 660758 770101	52,603 222,000 7,159,235 4,559,235 58,628 4,441 3,778 628,818 400 5,000 2,000 6,440 53,505 3,028,001 6,636,405
JP Morgan (BGI Custody) JPMorgan Chase	-	1,109,391 49,645

JPMorgan Chase		844,860
JPMorgan Chase Bank		79 <b>,</b> 897
Mellon Trust - US CUSTODIAN/TRUSTEE		26,691
Mitsui Asset Trust and Banking Compan	y Limited	13,478
Mizuho Trust & Banking Co. Ltd		7,112
R C Greig Nominees Limited		193,003
R C Greig Nominees Limited GP1		18,175
R C Greig Nominees Limited SA1		11,053
R C Greig Nominees Limited a/c	AK1	138,772
R C Greig Nominees Limited a/c	BL1	29,993
R C Greig Nominees Limited a/c	CM1	18,270
Reflex Nominees Limited		800
STATE STREET BOSTON		350,828
TO	TAL	25,312,457

#### 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.

AMVESCAP PLC
-----(Registrant)

Date 18 January, 2007 By /s/ Michael S. Perman (Signature)

Michael S. Perman Company Secretary