

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

**FORM 6-K**

REPORT OF FOREIGN ISSUER  
Pursuant to Rule 13a-16 or 15d-16 of  
the Securities Exchange Act of 1934

**For the month of August 2005**

**Commission File Number 000-51122**

**pSivida Limited**

(Translation of registrant's name into English)

Level 12 BGC Centre  
28 The Esplanade  
Perth WA 6000

(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  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- \_\_\_\_.

**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant, pSivida Limited, has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: August 17, 2005

pSivida Limited

By: /s/ Aaron Finlay

---

Aaron Finlay  
Chief Financial Officer and Company Secretary

---

**EXHIBIT 99.1:** Appendix 3X Initial Directors Interest Notices

# Appendix 3X

## Initial Director's Interest Notice

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

Introduced 30/9/2001.

<b>Name of Entity</b>	pSivida Limited
<b>ABN</b>	78 009 232 026

We (the entity) give ASX the following information under listing rule 3.19A.1 and as agent for the director for the purposes of section 205G of the Corporations Act.

<b>Name of Director</b>	Michael Rogers
<b>Date of appointment</b>	27 July 2005

### Part 1 - Director's relevant interests in securities of which the director is the registered holder

*In the case of a trust, this includes interests in the trust made available by the responsible entity of the trust*

<b>Number &amp; class of securities</b>
A contractual interest in 200,000 unlisted options to be issued under the ESOP at an exercise price of A\$0.80, expiring 31 March 2010 subject to shareholder approval.

### Part 2 - Director's relevant interests in securities of which the director is not the registered holder

*In the case of a trust, this includes interests in the trust made available by the responsible entity of the trust*

<b>Name of holder &amp; nature of interest</b>	<b>Number &amp; class of Securities</b>
Note: Provide details of the circumstances giving rise to the relevant interest.	

+ See chapter 19 for defined terms.

30/9/2001

**Appendix 3X**  
**Initial Director's Interest Notice**

---

**Part 3 - Director's interests in contracts**

<b>Detail of contract</b>	
<b>Nature of interest</b>	
<b>Name of registered holder (if issued securities)</b>	
<b>No. and class of securities to which interest relates</b>	

---

+ See chapter 19 for defined terms.

# Appendix 3X

## Initial Director's Interest Notice

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

Introduced 30/9/2001.

<b>Name of entity</b>	pSivida Limited
<b>ABN</b>	78 009 232 026

We (the entity) give ASX the following information under listing rule 3.19A.1 and as agent for the director for the purposes of section 205G of the Corporations Act.

<b>Name of Director</b>	David Mazzo
<b>Date of appointment</b>	25 July 2005

### Part 1 - Director's relevant interests in securities of which the director is the registered holder

*In the case of a trust, this includes interests in the trust made available by the responsible entity of the trust*

<b>Number &amp; class of securities</b>
A contractual interest in 200,000 unlisted options to be issued under the ESOP at an exercise price of A\$0.80, expiring 31 March 2010 subject to shareholder approval.

### Part 2 - Director's relevant interests in securities of which the director is not the registered holder

*In the case of a trust, this includes interests in the trust made available by the responsible entity of the trust*

<b>Name of holder &amp; nature of interest</b> Note: Provide details of the circumstances giving rise to the relevant interest.	<b>Number &amp; class of Securities</b>

+ See chapter 19 for defined terms.

30/9/2001

**Appendix 3X**  
**Initial Director's Interest Notice**

---

**Part 3 - Director's interests in contracts**

<b>Detail of contract</b>	
<b>Nature of interest</b>	
<b>Name of registered holder (if issued securities)</b>	
<b>No. and class of securities to which interest relates</b>	

---

+ See chapter 19 for defined terms.