Rule 3.19A.1

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.

| Name of entity; | FERMISCAN HOLDINGS LIMITED |
|-----------------|----------------------------|
| ABN: | 51 000 689 725 |

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.

| Name of Director | Leon Phillip CARR |
|---------------------|-------------------|
| Date of appointment | 16 July 2009 |

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

Note: In the case of a company, interests which come within paragraph (i) of the definition of "notifiable interest of a director" should be disclosed in this part.

Number & class of securities

Option to acquire 10,000,000 ordinary shares, as disclosed in the Prospectus dated 25^{th} July 2006 and in the Notice of Meeting and Explanatory Statement for the General Meeting held on 21^{st} August 2006. The options expire on 9^{th} October 2009 and are exercisable at 30 cents.

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⁺ See chapter 19 for defined terms.

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

| Name of holder & nature of | Number & class of Securities |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| interest Note: Provide details of the circumstances giving rise to the relevant interest. | |
| A relevant interest in 44,049,679 shares in the Company held by Rellcain Pty Ltd ACN 077 711 605 | 44,049,679 ordinary shares in the Fermiscan Holdings Limited held by Rellcain Pty Ltd ACN 077 711 605 |

Part 3 – Director's interests in contracts

Note: In the case of a company, interests which come within paragraph (ii) of the definition of "notifiable interest of a director" should be disclosed in this part.

| Not applicable |
|----------------|
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⁺ See chapter 19 for defined terms.