

# Appendix 3Y

## Change of 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 30/09/01 Amended 01/01/11

|                                                 |
|-------------------------------------------------|
| <b>Name of entity</b> Northern Minerals Limited |
| <b>ABN</b> 61 119 966 353                       |

We (the entity) give ASX the following information under listing rule 3.19A.2 and as agent for the director for the purposes of section 205G of the Corporations Act.

|                            |                  |
|----------------------------|------------------|
| <b>Name of Director</b>    | Nicholas Curtis  |
| <b>Date of last notice</b> | 23 December 2021 |

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+ See chapter 19 for defined terms.

## Appendix 3Y

### Change of Director's Interest Notice

#### Part 1 - Change of director's relevant interests in securities

*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.

| Direct or indirect interest                                                                                                                              | Direct and Indirect                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Nature of indirect interest<br/>(including registered holder)</b><br>Note: Provide details of the circumstances giving rise to the relevant interest. | <p>Wilkes Holdings Pty Ltd ACN 089 132 472 is an entity in which Nicholas Curtis is a shareholder.</p> <p>Hui Yun Chen, the registered holder of ordinary shares in Northern Minerals Limited, has granted Wilkes Holdings Pty Ltd an option over 107,692,308 ordinary shares in Northern Minerals Limited pursuant to a Call Option Deed dated 22 December 2021. Under the deed, Wilkes Holdings Pty Ltd has an option to acquire 107,692,308 ordinary shares at an exercise price of \$0.10. The expiry date of the option is 30 November 2023.</p> <p>Yun Zhen Ma, the registered holder of ordinary shares in Northern Minerals Limited, has granted Wilkes Holdings Pty Ltd an option over 92,307,692 ordinary shares in Northern Minerals Limited pursuant to a Call Option Deed dated 22 December 2021. Under the deed, Wilkes Holdings Pty Ltd has an option to acquire 92,307,692 ordinary shares at an exercise price of \$0.10. The expiry date of the option is 30 November 2023.</p> <p>Under s608(8) of the Corporations Act 2001 (Cth), Wilkes Holdings Pty Ltd has a relevant interest in the 200,000,000 ordinary shares in Northern Minerals Limited under the above mentioned Call Option Deeds.</p> |
| <b>Date of change</b>                                                                                                                                    | 16 December 2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>No. of securities held prior to change</b>                                                                                                            | <p>Wilkes Holdings Pty Ltd holds 106,600 ordinary shares in Northern Minerals Limited.</p> <p>As detailed above Wilkes Holdings Pty Ltd has a relevant interest in the 200,000,000 ordinary shares in Northern Minerals Limited under the abovementioned Call Option Deeds</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

+ See chapter 19 for defined terms.

**Appendix 3Y**  
**Change of Director's Interest Notice**

|                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Class</b>                                                                                                                                                                               | Performance Rights convertible into ordinary shares on the satisfaction of performance conditions.                                                                                                                                                                                            |
| <b>Number acquired</b>                                                                                                                                                                     | 70,000,000                                                                                                                                                                                                                                                                                    |
| <b>Number disposed</b>                                                                                                                                                                     | Nil                                                                                                                                                                                                                                                                                           |
| <b>Value/Consideration</b><br><small>Note: If consideration is non-cash, provide details and estimated valuation</small>                                                                   | \$0.0337 per right (non-cash) for 17,500,000 Tranche 1 rights, \$0.0273 per right (non-cash) for 17,500,000 Tranche 2 and 17,500,000 Tranche 3 rights, and \$0.0420 per right (non-cash) for 17,500,000 Tranche 4 rights based on the valuation as detailed in the notice of general meeting. |
| <b>No. of securities held after change</b>                                                                                                                                                 | <b>Wilkes Holdings Pty Ltd</b><br>Has a relevant interest in 200,106,600 ordinary shares in Northern Minerals Limited.<br><br><b>Mr Nicholas Curtis</b><br>70,000,000 Performance Rights convertible into ordinary shares on the satisfaction of performance conditions                       |
| <b>Nature of change</b><br><small>Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back</small> | Issue of Performance Rights as approved by shareholders at the General Meeting held on 12 December 2022 (Resolution 4).                                                                                                                                                                       |

**Part 2 – Change of 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.

|                                                                                                                                                                                             |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <b>Detail of contract</b>                                                                                                                                                                   | N/A |
| <b>Nature of interest</b>                                                                                                                                                                   | N/A |
| <b>Name of registered holder (if issued securities)</b>                                                                                                                                     | N/A |
| <b>Date of change</b>                                                                                                                                                                       | N/A |
| <b>No. and class of securities to which interest related prior to change</b><br><small>Note: Details are only required for a contract in relation to which the interest has changed</small> | N/A |
| <b>Interest acquired</b>                                                                                                                                                                    | N/A |

+ See chapter 19 for defined terms.

**Appendix 3Y**  
**Change of Director's Interest Notice**

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|                                                                                                                             |     |
|-----------------------------------------------------------------------------------------------------------------------------|-----|
| <b>Interest disposed</b>                                                                                                    | N/A |
| <b>Value/Consideration</b><br><small>Note: If consideration is non-cash, provide details and an estimated valuation</small> | N/A |
| <b>Interest after change</b>                                                                                                | N/A |

**Part 3 – <sup>+</sup>Closed period**

|                                                                                                                                                               |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <b>Were the interests in the securities or contracts detailed above traded during a <sup>+</sup>closed period where prior written clearance was required?</b> | No. |
| <b>If so, was prior written clearance provided to allow the trade to proceed during this period?</b>                                                          | N/A |
| <b>If prior written clearance was provided, on what date was this provided?</b>                                                                               | N/A |

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<sup>+</sup> See chapter 19 for defined terms.

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Introduced 30/09/01 Amended 01/01/11

|                                                 |
|-------------------------------------------------|
| <b>Name of entity</b> Northern Minerals Limited |
| <b>ABN</b> 61 119 966 353                       |

We (the entity) give ASX the following information under listing rule 3.19A.2 and as agent for the director for the purposes of section 205G of the Corporations Act.

|                            |              |
|----------------------------|--------------|
| <b>Name of Director</b>    | Bin Cai      |
| <b>Date of last notice</b> | 28 July 2021 |

### Part 1 - Change of director's relevant interests in securities

*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.

|                                                                                                                                                      |                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Direct or indirect interest</b>                                                                                                                   | Direct and Indirect                                                                                                                                                                                                                                                                       |
| <b>Nature of indirect interest (including registered holder)</b><br>Note: Provide details of the circumstances giving rise to the relevant interest. | Indirect interest held by Australia Cayenne Holdings Pty Ltd of which Mr Cai is a director and shareholder.                                                                                                                                                                               |
| <b>Date of change</b>                                                                                                                                | 16 December 2022                                                                                                                                                                                                                                                                          |
| <b>No. of securities held prior to change</b>                                                                                                        | <b>Australia Cayenne Holdings Pty Ltd</b><br>5,600,000 Ordinary shares                                                                                                                                                                                                                    |
| <b>Class</b>                                                                                                                                         | Performance Rights convertible into ordinary shares on the satisfaction of performance conditions.                                                                                                                                                                                        |
| <b>Number acquired</b>                                                                                                                               | 15,000,000                                                                                                                                                                                                                                                                                |
| <b>Number disposed</b>                                                                                                                               | Nil                                                                                                                                                                                                                                                                                       |
| <b>Value/Consideration</b><br>Note: If consideration is non-cash, provide details and estimated valuation                                            | \$0.0337 per right (non-cash) for 3,750,000 Tranche 1 rights, \$0.0273 per right (non-cash) for 3,750,000 Tranche 2 and 3,750,000 Tranche 3 rights, and \$0.0420 per right (non-cash) for 3,750,000 Tranche 4 rights based on the valuation as detailed in the notice of general meeting. |

+ See chapter 19 for defined terms.

## Appendix 3Y

### Change of Director's Interest Notice

|                                                                                                                                                                             |                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>No. of securities held after change</b>                                                                                                                                  | <b>Australia Cayenne Holdings Pty Ltd</b><br>5,600,000 Ordinary shares<br><br><b>Mr Bin Cai</b><br>15,000,000 Performance Rights convertible into ordinary shares on the satisfaction of performance conditions. |
| <b>Nature of change</b><br>Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back | Issue of Performance Rights as approved by shareholders at the General Meeting held on 12 December 2022 (Resolution 6).                                                                                          |

## Part 2 – Change of 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.

|                                                                                                                                                                              |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Detail of contract</b>                                                                                                                                                    |  |
| <b>Nature of interest</b>                                                                                                                                                    |  |
| <b>Name of registered holder (if issued securities)</b>                                                                                                                      |  |
| <b>Date of change</b>                                                                                                                                                        |  |
| <b>No. and class of securities to which interest related prior to change</b><br>Note: Details are only required for a contract in relation to which the interest has changed |  |
| <b>Interest acquired</b>                                                                                                                                                     |  |
| <b>Interest disposed</b>                                                                                                                                                     |  |
| <b>Value/Consideration</b><br>Note: If consideration is non-cash, provide details and an estimated valuation                                                                 |  |
| <b>Interest after change</b>                                                                                                                                                 |  |

## Part 3 – +Closed period

|                                                                                                                                                    |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <b>Were the interests in the securities or contracts detailed above traded during a +closed period where prior written clearance was required?</b> | No  |
| <b>If so, was prior written clearance provided to allow the trade to proceed during this period?</b>                                               | N/A |
| <b>If prior written clearance was provided, on what date was this provided?</b>                                                                    | N/A |

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## Change of Director's Interest Notice

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Introduced 30/09/01 Amended 01/01/11

|                                                 |
|-------------------------------------------------|
| <b>Name of entity</b> Northern Minerals Limited |
| <b>ABN</b> 61 119 966 353                       |

We (the entity) give ASX the following information under listing rule 3.19A.2 and as agent for the director for the purposes of section 205G of the Corporations Act.

|                            |                       |
|----------------------------|-----------------------|
| <b>Name of Director</b>    | Shane Anthony Hartwig |
| <b>Date of last notice</b> | 6 December 2022       |

### Part 1 - Change of director's relevant interests in securities

*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.

|                                                                                                                                                      |                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Direct or indirect interest</b>                                                                                                                   | Direct                                                                                                                                                                                                                                                                                        |
| <b>Nature of indirect interest (including registered holder)</b><br>Note: Provide details of the circumstances giving rise to the relevant interest. |                                                                                                                                                                                                                                                                                               |
| <b>Date of change</b>                                                                                                                                | 16 December 2022                                                                                                                                                                                                                                                                              |
| <b>No. of securities held prior to change</b>                                                                                                        | Nil                                                                                                                                                                                                                                                                                           |
| <b>Class</b>                                                                                                                                         | Performance Rights convertible into ordinary shares on the satisfaction of performance conditions.                                                                                                                                                                                            |
| <b>Number acquired</b>                                                                                                                               | 40,000,000                                                                                                                                                                                                                                                                                    |
| <b>Number disposed</b>                                                                                                                               | Nil                                                                                                                                                                                                                                                                                           |
| <b>Value/Consideration</b><br>Note: If consideration is non-cash, provide details and estimated valuation                                            | \$0.0337 per right (non-cash) for 10,000,000 Tranche 1 rights, \$0.0273 per right (non-cash) for 10,000,000 Tranche 2 and 10,000,000 Tranche 3 rights, and \$0.0420 per right (non-cash) for 10,000,000 Tranche 4 rights based on the valuation as detailed in the notice of general meeting. |

+ See chapter 19 for defined terms.

## Appendix 3Y

### Change of Director's Interest Notice

|                                                                                                                                                                             |                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>No. of securities held after change</b>                                                                                                                                  | 40,000,000 Performance Rights convertible into ordinary shares on the satisfaction of performance conditions.           |
| <b>Nature of change</b><br>Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back | Issue of Performance Rights as approved by shareholders at the General Meeting held on 12 December 2022 (Resolution 5). |

## Part 2 – Change of 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.

|                                                                                                                                                                              |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Detail of contract</b>                                                                                                                                                    |  |
| <b>Nature of interest</b>                                                                                                                                                    |  |
| <b>Name of registered holder (if issued securities)</b>                                                                                                                      |  |
| <b>Date of change</b>                                                                                                                                                        |  |
| <b>No. and class of securities to which interest related prior to change</b><br>Note: Details are only required for a contract in relation to which the interest has changed |  |
| <b>Interest acquired</b>                                                                                                                                                     |  |
| <b>Interest disposed</b>                                                                                                                                                     |  |
| <b>Value/Consideration</b><br>Note: If consideration is non-cash, provide details and an estimated valuation                                                                 |  |
| <b>Interest after change</b>                                                                                                                                                 |  |

## Part 3 – +Closed period

|                                                                                                                                                    |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <b>Were the interests in the securities or contracts detailed above traded during a +closed period where prior written clearance was required?</b> | No  |
| <b>If so, was prior written clearance provided to allow the trade to proceed during this period?</b>                                               | N/A |
| <b>If prior written clearance was provided, on what date was this provided?</b>                                                                    | N/A |

+ See chapter 19 for defined terms.

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Introduced 30/09/01 Amended 01/01/11

|                                                 |
|-------------------------------------------------|
| <b>Name of entity</b> Northern Minerals Limited |
| <b>ABN</b> 61 119 966 353                       |

We (the entity) give ASX the following information under listing rule 3.19A.2 and as agent for the director for the purposes of section 205G of the Corporations Act.

|                            |                  |
|----------------------------|------------------|
| <b>Name of Director</b>    | Adam Handley     |
| <b>Date of last notice</b> | 16 December 2021 |

### Part 1 - Change of director's relevant interests in securities

*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.

|                                                                                                                                                      |                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Direct or indirect interest</b>                                                                                                                   | Direct                                                                                              |
| <b>Nature of indirect interest (including registered holder)</b><br>Note: Provide details of the circumstances giving rise to the relevant interest. |                                                                                                     |
| <b>Date of change</b>                                                                                                                                | 16 December 2022                                                                                    |
| <b>No. of securities held prior to change</b>                                                                                                        | Nil                                                                                                 |
| <b>Class</b>                                                                                                                                         | Options exercisable at \$0.06 expiring 22 June 2025.                                                |
| <b>Number acquired</b>                                                                                                                               | 10,000,000                                                                                          |
| <b>Number disposed</b>                                                                                                                               | Nil                                                                                                 |
| <b>Value/Consideration</b><br>Note: If consideration is non-cash, provide details and estimated valuation                                            | \$0.0121 per option (non-cash) based on the valuation as detailed in the notice of general meeting. |
| <b>No. of securities held after change</b>                                                                                                           | 10,000,000 Options exercisable at \$0.06 expiring 22 June 2025.                                     |

+ See chapter 19 for defined terms.

## Appendix 3Y

### Change of Director's Interest Notice

|                                                                                                                                                                             |                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Nature of change</b><br>Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back | Issue of options as approved by shareholders at the General Meeting held on 12 December 2022 (Resolution 9) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|

## Part 2 – Change of 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.

|                                                                                                                                                                              |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Detail of contract</b>                                                                                                                                                    |  |
| <b>Nature of interest</b>                                                                                                                                                    |  |
| <b>Name of registered holder (if issued securities)</b>                                                                                                                      |  |
| <b>Date of change</b>                                                                                                                                                        |  |
| <b>No. and class of securities to which interest related prior to change</b><br>Note: Details are only required for a contract in relation to which the interest has changed |  |
| <b>Interest acquired</b>                                                                                                                                                     |  |
| <b>Interest disposed</b>                                                                                                                                                     |  |
| <b>Value/Consideration</b><br>Note: If consideration is non-cash, provide details and an estimated valuation                                                                 |  |
| <b>Interest after change</b>                                                                                                                                                 |  |

## Part 3 – <sup>+</sup>Closed period

|                                                                                                                                                         |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Were the interests in the securities or contracts detailed above traded during a <sup>+</sup> closed period where prior written clearance was required? | No  |
| If so, was prior written clearance provided to allow the trade to proceed during this period?                                                           | N/A |
| If prior written clearance was provided, on what date was this provided?                                                                                | N/A |

<sup>+</sup> See chapter 19 for defined terms.

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## Change of 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 30/09/01 Amended 01/01/11

|                                                 |
|-------------------------------------------------|
| <b>Name of entity</b> Northern Minerals Limited |
| <b>ABN</b> 61 119 966 353                       |

We (the entity) give ASX the following information under listing rule 3.19A.2 and as agent for the director for the purposes of section 205G of the Corporations Act.

|                            |                  |
|----------------------------|------------------|
| <b>Name of Director</b>    | Liangbing Yu     |
| <b>Date of last notice</b> | 24 November 2020 |

### Part 1 - Change of director's relevant interests in securities

*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.

|                                                                                                                                                      |                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Direct or indirect interest</b>                                                                                                                   | Direct                                                                                              |
| <b>Nature of indirect interest (including registered holder)</b><br>Note: Provide details of the circumstances giving rise to the relevant interest. |                                                                                                     |
| <b>Date of change</b>                                                                                                                                | 16 December 2022                                                                                    |
| <b>No. of securities held prior to change</b>                                                                                                        | Nil                                                                                                 |
| <b>Class</b>                                                                                                                                         | Options exercisable at \$0.06 expiring 22 June 2025.                                                |
| <b>Number acquired</b>                                                                                                                               | 10,000,000                                                                                          |
| <b>Number disposed</b>                                                                                                                               | Nil                                                                                                 |
| <b>Value/Consideration</b><br>Note: If consideration is non-cash, provide details and estimated valuation                                            | \$0.0121 per option (non-cash) based on the valuation as detailed in the notice of general meeting. |
| <b>No. of securities held after change</b>                                                                                                           | 10,000,000 Options exercisable at \$0.06 expiring 22 June 2025.                                     |

+ See chapter 19 for defined terms.

## Appendix 3Y

### Change of Director's Interest Notice

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Nature of change</b><br>Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back | Issue of options as approved by shareholders at the General Meeting held on 12 December 2022 (Resolution 8) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|

## Part 2 – Change of 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.

|                                                                                                                                                                              |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Detail of contract</b>                                                                                                                                                    |  |
| <b>Nature of interest</b>                                                                                                                                                    |  |
| <b>Name of registered holder (if issued securities)</b>                                                                                                                      |  |
| <b>Date of change</b>                                                                                                                                                        |  |
| <b>No. and class of securities to which interest related prior to change</b><br>Note: Details are only required for a contract in relation to which the interest has changed |  |
| <b>Interest acquired</b>                                                                                                                                                     |  |
| <b>Interest disposed</b>                                                                                                                                                     |  |
| <b>Value/Consideration</b><br>Note: If consideration is non-cash, provide details and an estimated valuation                                                                 |  |
| <b>Interest after change</b>                                                                                                                                                 |  |

## Part 3 – <sup>+</sup>Closed period

|                                                                                                                                                               |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <b>Were the interests in the securities or contracts detailed above traded during a <sup>+</sup>closed period where prior written clearance was required?</b> | No  |
| <b>If so, was prior written clearance provided to allow the trade to proceed during this period?</b>                                                          | N/A |
| <b>If prior written clearance was provided, on what date was this provided?</b>                                                                               | N/A |

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<sup>+</sup> See chapter 19 for defined terms.