

# Risk Management Services

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## **ASBESTOS FIBRE AIR MONITORING REPORT**

Our Ref:

C107605:J111804 M014-20121213

Client:

Hanson Construction Materials Pty Ltd

Attention:

Martin Gear - Project Manager Aggregates

Job Location: East Guyong Quarry, Mitchell Highway Intersection Upgrade, East Guyong NSW

**Report Date:** Thursday 13 December 2012

Test Date:

Thursday 13 December 2012

Sampling Procedure: Control

Sampled By: Pumps On: SB

Pumps Off: SB

Method: Filters examined in accordance with Safe Work Australia's Guidance Note on the Membrane Filter Method for the Estimation of Airborne Asbestos Fibres, 2<sup>nd</sup> Edition, 2005 [NOHSC:3003: (2005)] – Refer NAA Internal Laboratory Test Method NALAB 301.

| Filter<br>No.  | Test Type<br>Sample Location  | Sample<br>Period<br>Start-Finish | Average<br>Flow Rate<br>(L/min) | Fibres/<br>Fields | Result(s)<br>Fibres/mL |
|--|---|----------------------------------|---------------------------------|-------------------|------------------------|
| Control static monitoring during works associated with the drainage in the eastern section of the northern side of the Mitchell Highway Intersection Upgrade |   |                                  |                                 |                   |                        |
| 2166   | Field Blank   | _                                | _                               | 0.0/100           | _                      |
| 1356   | Location M1 - Northern Side of Mitchell<br>Highway, North of Work Area (east of entry<br>gate) – On fence | 0714 – 1254                      | 1.20                            | 1.0/100           | < 0.01                 |
| 335  | Location M2 - Northern Side of Mitchell<br>Highway, West of Work Area – On fence                          | 0716 – 1256                      | 1.20                            | 2.0/100           | < 0.01                 |
| 2023   | Location M3 - Northern Side of Mitchell<br>Highway, East of Work Area – On fence post                     | 0718 – 1300                      | 1.20                            | 1.0/100           | < 0.01                 |
| 2258   | Location M4 - Northern Side of Mitchell<br>Highway, South of Work Area – On fence                         | 0720 – 1304                      | 1.20                            | 1.0/100           | < 0.01                 |
| 2211   | Location M5 - Lunch Shed – On bench   | 0724 – 1308                      | 1.20                            | 0.0/100           | < 0.01                 |
| 417  | Bree Fardon (EODO Pty Ltd) – Excavator<br>Operator  | 0731 – 1207                      | 2.00                            | 2.0/100           | < 0.01                 |
| 2197   | Simon Butterfield (NAA) — Surveillance & Spotter  | 0727 – 1052                      | 3.00                            | 3.0/100           | < 0.01                 |
| 2206   | Simon Butterfield (NAA) — Surveillance & Spotter  | 1052 – 1311                      | 3.00                            | 5.0/100           | < 0.01                 |



Burni Brandield

APPROVED COUNTER AND SIGNATORY:
SIMON BUTTERFIELD



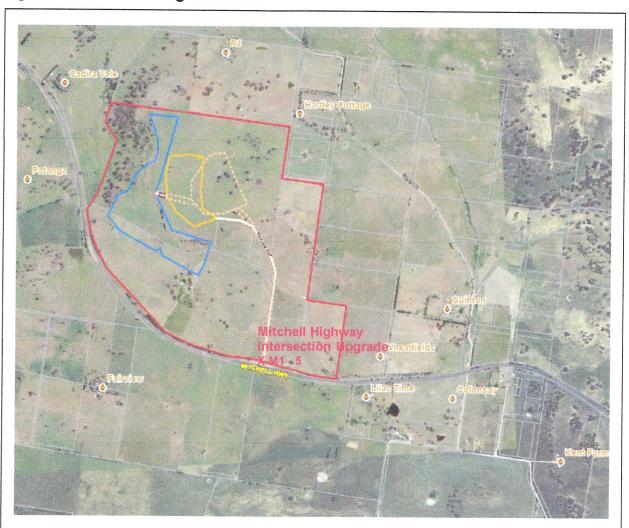
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Figure 1 – Air Monitoring Locations



| Air Monitoring Sampling Plan  |  |  |  |
|-------------------------------|--|--|--|
| East Guyong Quarry            |  |  |  |
| Mitchell Highway Intersection |  |  |  |
| Upgrade Site                  |  |  |  |

Monitoring Date: 13th December 2012

### Legend

(1 Air monitoring locations

Project Boundary

Proposed Quarry Boundary

— Proposed Infrastructure Area Boundary

#### **Air Monitoring Location Coordinates**

 Location M1:
 709,602mE; 6300,344mN
 Location M2:
 709,527mE; 6300,354mN

 Location M3:
 709,610mE; 6300,312mN
 Location M4:
 709,534mE; 6300,309mN

 Location M5:
 709,532mE; 6300,460mN

#### **Weather Conditions\***

 General
 Fine
 Wind Direction
 Mostly North East

 Rainfall
 0.0 mm
 Wind Speed
 3 – 16 km/h

<sup>\*</sup> East Guyong Quarry Weather Station