



A GREENCAP  
CONSULTING COMPANY

# Risk Management Services

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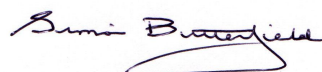
## ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804 M016-20130122  
Client: Hanson Construction Materials Pty Ltd  
Attention: Martin Gear - Project Manager Aggregates  
Job Location: East Guyong Quarry, Mitchell Highway, East Guyong NSW  
Report Date: Tuesday 22 January 2013 Test Date: Tuesday 22 January 2013  
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 No.   | Test Type<br>Sample Location   | Sample Period<br>Start-Finish | Average Flow Rate<br>(L/min) | Fibres/<br>Fields | Result(s)<br>Fibres/mL |
|--|--|-------------------------------|------------------------------|-------------------|------------------------|
| Control static monitoring during excavation works in the eastern section of the southern side of the Mitchell Highway Intersection Upgrade |  |                               |                              |                   |                        |
| 2193   | Field Blank  | -                             | -                            | 0.0/100           | -                      |
| 2133A  | Location M1 - Southern Side of Mitchell Highway, East of Work Area – On signage                | 0748 – 1622                   | 1.20                         | 0.0/100           | < 0.01                 |
| 504  | Location M2 - Southern Side of Mitchell Highway, West of Work Area – On fence post             | 0744 – 1617                   | 1.20                         | 1.0/100           | < 0.01                 |
| 330  | Location M3 - Southern Side of Mitchell Highway, South of Work Area (site compound) – On fence | 0740 – 1611                   | 1.20                         | 5.0/100           | < 0.01                 |
| 1040   | Location M4 - Northern Side of Mitchell Highway, North of Work Area – On road post             | 0830 – 1626                   | 1.20                         | 3.0/100           | < 0.01                 |
| 453  | Location M5 – Southern Side of Mitchell Highway, Site Compound, Lunch Shed – On bench          | 0736 – 1614                   | 1.20                         | 7.5/100           | < 0.01                 |
| Control static monitoring during scraping of the topsoil for the new access road on the northern side of the East Guyong Quarry Site       |  |                               |                              |                   |                        |
| 2006   | Location M6 - Northern Side of Mitchell Highway, South of Work Area – On fence                 | 0801 – 1633                   | 1.20                         | 0.0/100           | < 0.01                 |
| 2250   | Location M7 - Northern Side of Mitchell Highway, North of Work Area – On fence                 | 0806 – 1642                   | 1.20                         | 1.0/100           | < 0.01                 |
| 920A   | Location M8 - Northern Side of Mitchell Highway, East of Work Area – On fence                  | 0825 – 1636                   | 1.20                         | 0.0/100           | < 0.01                 |
| 2105A  | Location M9 - Northern Side of Mitchell Highway, West of Work Area – On rock outcrop           | 0820 – 1638                   | 1.20                         | 0.0/100           | < 0.01                 |

| Filter No.   | Test Type<br>Sample Location   | Sample Period<br>Start-Finish | Average Flow Rate<br>(L/min) | Fibres/<br>Fields | Result(s)<br>Fibres/mL |
|--|--|-------------------------------|------------------------------|-------------------|------------------------|
| Exposure monitoring during the excavation / scraping works |  |                               |                              |                   |                        |
| 431  | Brett Brenton (EODO Pty Ltd) – Spotter (for southern side of Mitchell Highway works)                                     | 0844 – 1515                   | 1.00                         | 8.5/100           | < 0.01                 |
| 2021   | Marty Rookyard (EODO Pty Ltd) – Excavator Operator (for new access road)   | 0812 – 1646                   | 1.20                         | 3.0/100           | < 0.01                 |
| 640  | Simon Butterfield (NAA) – Surveillance & Spotter (for new access road & southern side of Mitchell Highway Upgrade Works) | 0906 – 1212                   | 2.00                         | 4.0/100           | < 0.01                 |
| 416  | Simon Butterfield (NAA) – Surveillance & Spotter (for new access road & southern side of Mitchell Highway Upgrade Works) | 1305 – 1630                   | 2.00                         | 6.0/100           | < 0.01                 |



APPROVED COUNTER AND SIGNATORY :  
SIMON BUTTERFIELD

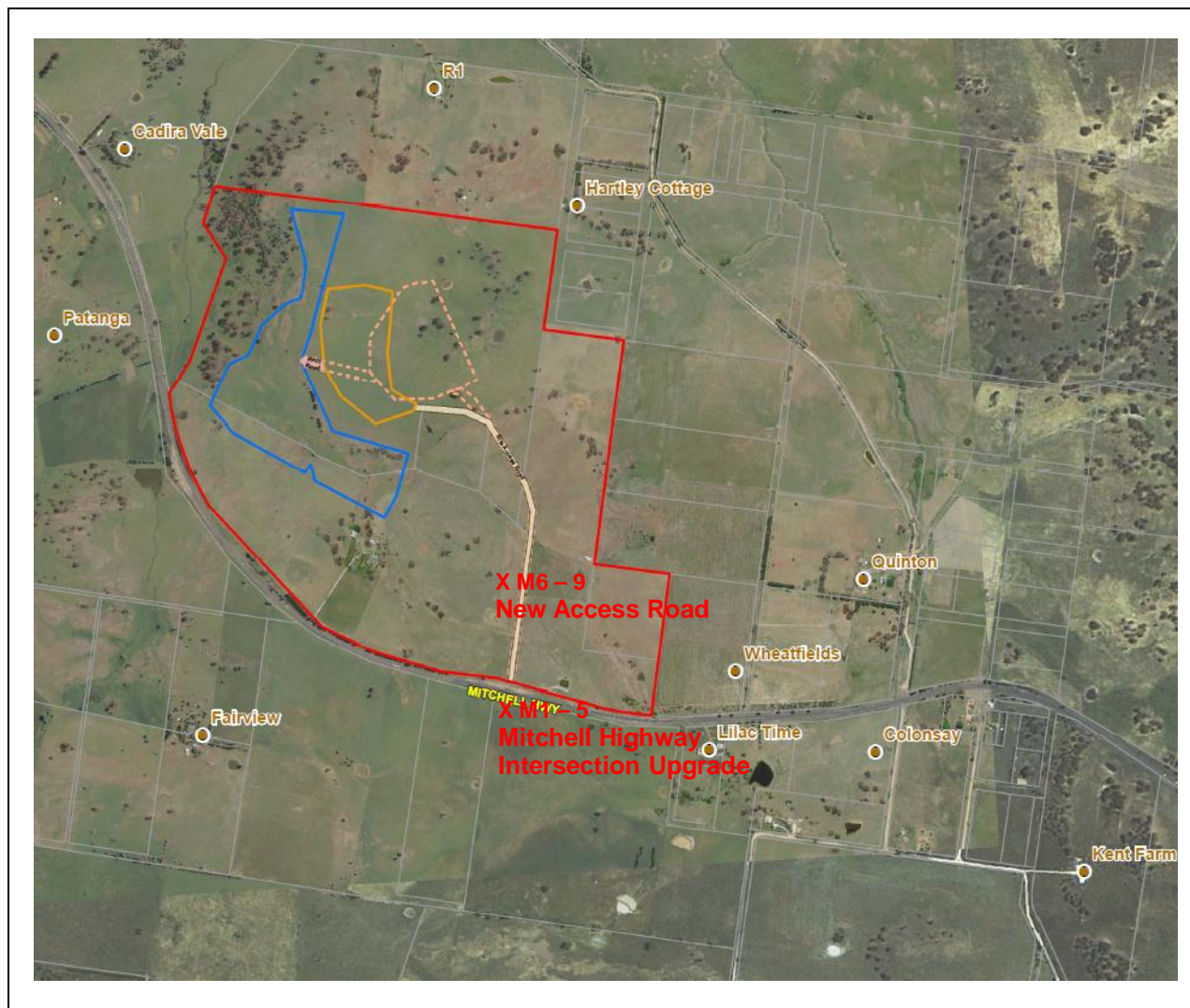


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Figure 1 – Air Monitoring Locations



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

Monitoring Date: 22<sup>nd</sup> January 2013

Legend

- X 1 Air monitoring locations
- Project Boundary
- Proposed Quarry Boundary
- Proposed Infrastructure Area Boundary

| Air Monitoring Location Coordinates |                        |                |                        |
|-------------------------------------|------------------------|----------------|------------------------|
| Location M1:                        | 709,804mE ; 6300,244mN | Location M2:   | 709,526mE ; 6300,313mN |
| Location M3:                        | 709,557mE ; 6300,273mN | Location M4:   | 709,595mE ; 6300,316mN |
| Location M5:                        | 709,545mE ; 6300,278mN | Location M6:   | 709,615mE ; 6300,537mN |
| Location M7:                        | 709,452mE ; 6300,925mN | Location M8:   | 709,634mE ; 6300,633mN |
| Location M9:                        | 709,557mE ; 6300,628mN |                |                        |
| Weather Conditions*                 |                        |                |                        |
| General                             | Fine to overcast       | Wind Direction | NNW - West             |
| Rainfall                            | 0.0 mm                 | Wind Speed     | 9 – 30 km/h            |

\* East Guyong Quarry Weather Station