



A GREENCAP
CONSULTING COMPANY

Risk Management Services

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ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804.069-20130422

Client: Hanson Construction Materials Pty Ltd

Attention: Martin Gear - Project Manager Aggregates

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

Report Date: Friday 27 April 2013

Test Date: Monday 22 April 2013

Sampling Procedure: Control

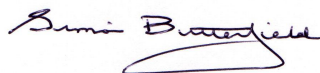
Sampled By: Pumps On: Pere Riini (Hanson)
Pumps Off: Pere Riini (Hanson)

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

| Filter No. | Test Type Sample Location | Sample Period Start-Finish | Average Flow Rate (L/min) | Fibres/ Fields | Result(s) Fibres/mL |
|--|--|-------------------------------|------------------------------|-------------------|------------------------|
| Control static monitoring during excavation of the shot rock at the northern end of the new access road on the East Guyong Quarry Site | | | | | |
| 1339 | Field Blank | - | - | 0.0/100 | - |
| 1339 | Location 1 – Near Southern Boundary of Site, Access Road to Residence (No.3472) off Mitchell Highway, approx. 120 metres North of South Site Boundary – On barbed wire fence | 0743 – 1545 | 1.00 | 0.0/100 | < 0.01 |
| 3005 | Location 3 – Near Southern Boundary (SE Corner) of Site, Adjacent to New Access Road Entry (No.3410) off Mitchell Highway, approx. 30 metres from South Site Boundary – On barbed wire fence | 0747 – 1549 | 1.00 | 1.0/100 | < 0.01 |
| 2011 | Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence | 0751 - 1552 | 1.00 | 0.0/100 | < 0.01 |
| 2229 | Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post | 0757 - 1558 | 1.00 | 0.0/100 | < 0.01 |
| 3087 | Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence | 0803 - 1603 | 1.00 | 0.0/100 | < 0.01 |
| 3063 | Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence | 0807 – 1608 | 1.00 | 0.0/100 | < 0.01 |
| 3081 | Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post | 0800 - 1601 | 1.00 | 0.0/100 | < 0.01 |

| Filter No. | Test Type Sample Location | Sample Period Start-Finish | Average Flow Rate (L/min) | Fibres/ Fields | Result(s) Fibres/mL |
|------------|---|-------------------------------|------------------------------|-------------------|------------------------|
| 3098 | Location N1 – North of Work Area, (north of new access road cutting) – On fencing post | 0819 - 1621 | 1.00 | 0.0/100 | < 0.01 |
| 3057 | Location N2 – West of Work Area, (west of new access road cutting) – On barbed wire fence | 0824 - 1625 | 1.00 | 0.0/100 | < 0.01 |
| 3052 | Location N3 – South of Work Area, (south of new access road cutting) – On fencing post | 0827 - 1631 | 1.00 | 0.0/100 | < 0.01 |
| 3053 | Location N2 – West of Work Area, (west of new access road cutting) – On barbed wire fence | 0831 - 1640 | 1.00 | 0.0/100 | < 0.01 |

Note: Pere Riini of Hanson Construction Materials Pty Ltd has been formally trained as a third party for volume measurement. Noel Arnold & Associates Pty Ltd assume responsibility for the data collected.



APPROVED COUNTER & SIGNATORY:
SIMON BUTTERFIELD

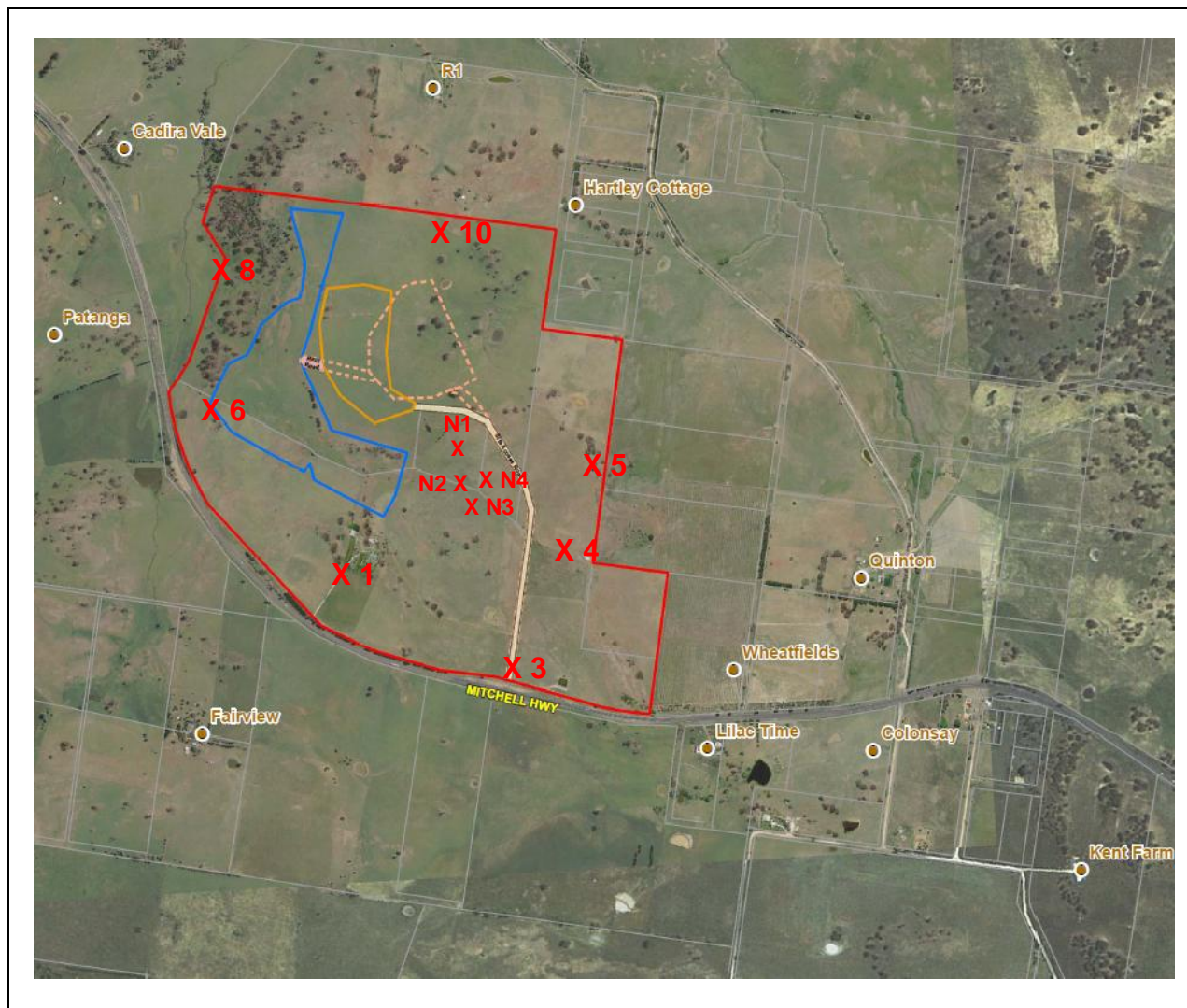


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Figure 1 – Air Monitoring Location



**Air Monitoring Sampling Plan
East Guyong Quarry Site**

Monitoring Date: 22nd April 2013

Legend

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

Air Monitoring Location Coordinates

| | | | |
|--------------|------------------------|--------------|------------------------|
| Location 1: | 709,104mE ; 6300,660mN | Location N1: | 709,276mE ; 6301,211mN |
| Location 3: | 709,601mE ; 6300,370mN | Location N2: | 709,349mE ; 6300,979mN |
| Location 4: | 709,729mE ; 6300,716mN | Location N3: | 709,497mE ; 6300,909mN |
| Location 5: | 709,870mE ; 6300,905mN | Location N4: | 709,485mE ; 6300,998mN |
| Location 6: | 708,803mE ; 6301,185mN | | |
| Location 8: | 708,824mE ; 6301,587mN | | |
| Location 10: | 709,465mE ; 6301,633mN | | |

Weather Conditions*

| | | | |
|-----------------|-----------------|-----------------------|-----------------|
| <i>General</i> | Overcast – Fine | <i>Wind Direction</i> | Mostly westerly |
| <i>Rainfall</i> | 0 mm | <i>Wind Speed</i> | 5 – 31 km/h |

* East Guyong Quarry Weather Station