



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

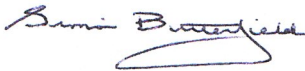
Sampling Procedure: Control

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, 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 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 Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) 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: 22nd 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