



A GREENCAP  
CONSULTING COMPANY

# Risk Management Services

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## ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804 M015-20130121

Client: Hanson Construction Materials Pty Ltd

Attention: Martin Gear - Project Manager Aggregates

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

Report Date: Monday 21 January 2013

Test Date: Monday 21 January 2013

Sampling Procedure: Control

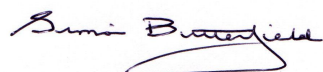
Sampled By: Pumps On: SB

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 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					
934	Field Blank	-	-	0.0/100	-
2104	Location M1 - Southern Side of Mitchell Highway, East of Work Area – On signage	0841 – 1612	1.20	7.0/100	< 0.01
2195	Location M2 - Southern Side of Mitchell Highway, West of Work Area – On fence post	0846 – 1615	1.20	0.0/100	< 0.01
1019	Location M3 - Southern Side of Mitchell Highway, South of Work Area (site compound) – On fence	0852 – 1608	1.20	7.5/100	< 0.01
1243	Location M4 - Northern Side of Mitchell Highway, North of Work Area – On road post	0858 – 1623	1.20	1.0/100	< 0.01
2211	Location M5 – Southern Side of Mitchell Highway, Site Compound, Lunch Shed – On bench	0855 – 1620	1.20	8.0/100	< 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					
1225	Location M6 - Northern Side of Mitchell Highway, South of Work Area – On fence	0904 – 1626	1.20	1.0/100	< 0.01
2129A	Location M7 - Northern Side of Mitchell Highway, North of Work Area – On fence	0907 – 1641	1.20	0.0/100	< 0.01
2150A	Location M8 - Northern Side of Mitchell Highway, East of Work Area – On fence	0910 – 1637	1.20	1.0/100	< 0.01
2186	Location M9 - Northern Side of Mitchell Highway, West of Work Area – On rock outcrop	0925 – 1629	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					
2079	Marty Rookyard (EODO Pty Ltd) – Excavator Operator (for new access road)	0915 – 1632	1.20	2.0/100	< 0.01
2122	Simon Butterfield (NAA) – Surveillance & Spotter (for new access road & southern side of Mitchell Highway Upgrade Works)	1023 – 1644	1.50	4.0/100	< 0.01



APPROVED COUNTER AND SIGNATORY :  
SIMON BUTTERFIELD

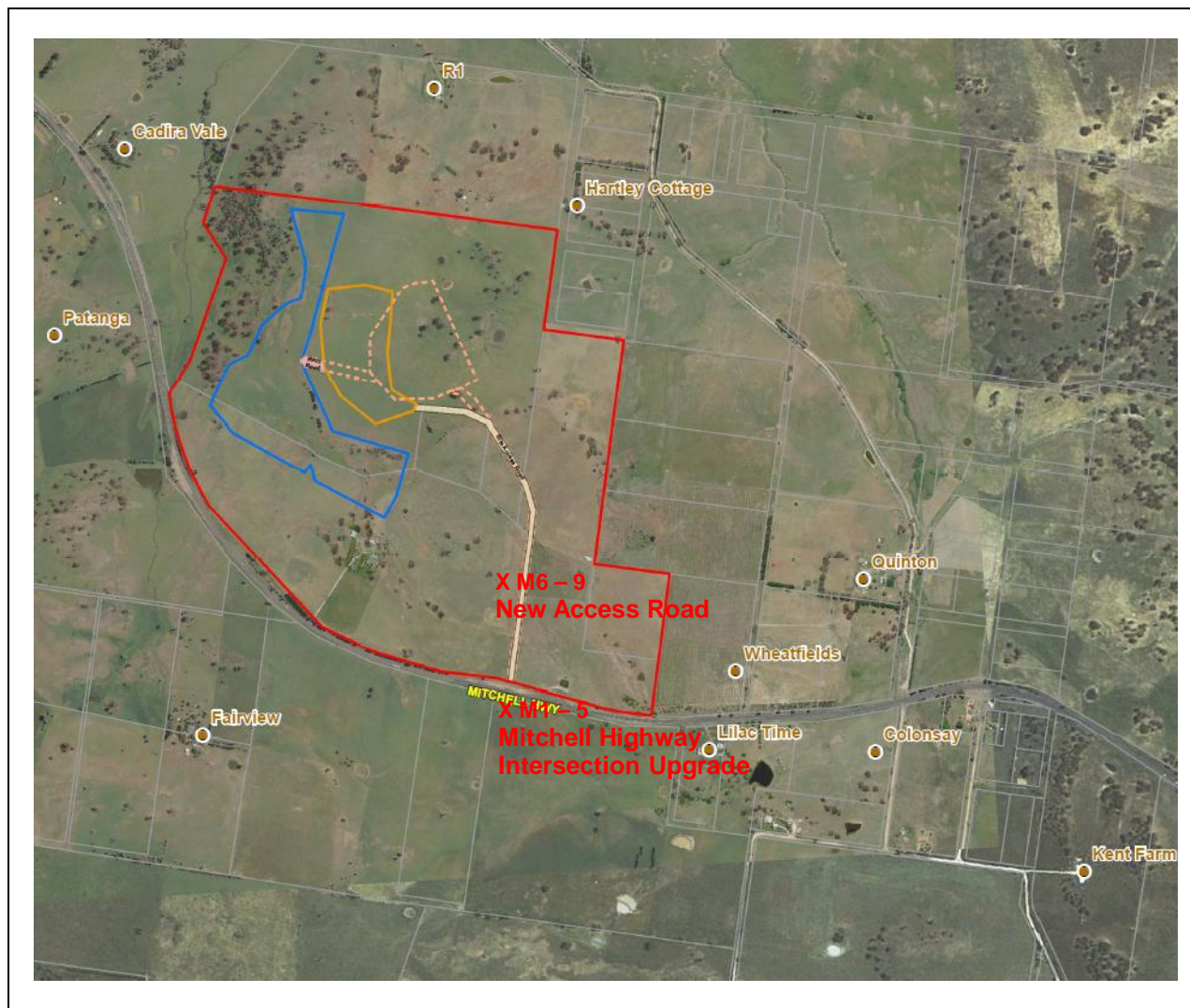


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Accredited for compliance with ISO/IEC 17025. Corporate Site No. 5450, Site No. 3402 Sydney Laboratory.

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Figure 1 – Air Monitoring Locations



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

Monitoring Date: 21<sup>st</sup> January 2013

Legend

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

Air Monitoring Location Coordinates			
Location M1:	709,633mE ; 6300,275mN	Location M2:	709,526mE ; 6300,314mN
Location M3:	709,555mE ; 6300,277mN	Location M4:	709,592mE ; 6300,316mN
Location M5:	709,546mE ; 6300,276mN	Location M6:	709,610mE ; 6300,548mN
Location M7:	709,610mE ; 6300,704mN	Location M8:	709,632mE ; 6300,635mN
Location M9:	709,557mE ; 6300,628mN		
Weather Conditions*			
General	Mostly Fine	Wind Direction	Mostly North East
Rainfall	0.0 mm	Wind Speed	2 – 22 km/h

\* East Guyong Quarry Weather Station