

Risk Management Services

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## ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref:

C107605:J111804 M003-20121023

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: Tuesday 23 October 2012

Test Date:

Tuesday 23 October 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 No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/mL				
Control static monitoring during the drilling and sampling investigation works on the southern side of the Mitchell Highway Intersection Upgrade									
121A	Field Blank	_	_	0.0/100	-				
1368	Location M1 - Northern Side of Mitchell Highway, West of Access Road No. 3410, NE Corner of Excavated Area – On barrier	1048 – 1502	2.00	1.0/100	< 0.01				
2114	Location M2 - Southern Side of Mitchell Highway, approx. 80 metres west from eastern end – On road post	1055 – 1454	2.00	1.0/100	< 0.01				
2027	Location M3 - Southern Side of Mitchell Highway, opposite Access Road No. 3410 – On fence	1103 – 1457	2.00	0.0/100	< 0.01				
1035	Location M4 - Southern Side of Mitchell Highway, approx. 80 metres east from western end – On road post	1109 – 1512	2.00	0.0/100	< 0.01				
2253	Drill Operator and Sample Handler – Simon Butterfield (Noel Arnold & Associates)	1122 – 1504	2.00	4.0/100	< 0.01				

Sumi Brandield

**APPROVED COUNTER AND SIGNATORY: SIMON BUTTERFIELD** 



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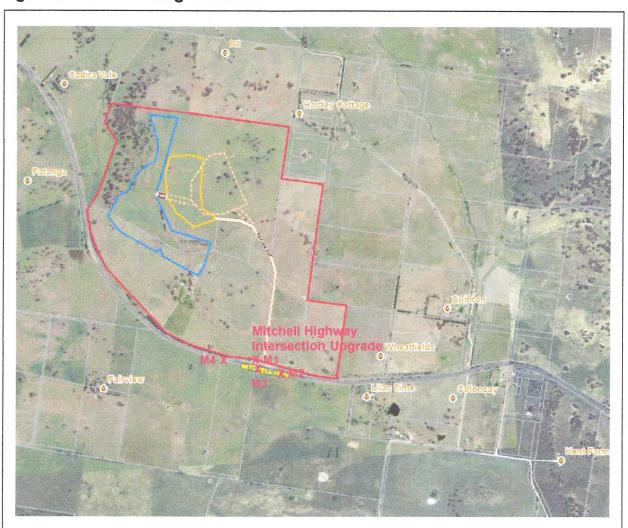
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**Practical Solutions** 



Figure 1 – Air Monitoring Locations



Air Monitoring Sampling Plan East Guyong Quarry Mitchell Highway Intersection Upgrade Site		<ul><li>Legend</li><li>X 1 Air monitoring locations</li><li>Project Boundary</li><li>Proposed Quarry Boundary</li></ul>					
Monitoring Date: 23 <sup>rd</sup> October 2012			Propose	osed Infrastructure Area Boundary			
Air Monitoring Location Coordinates							
Location M1:	709,529mE; 6300,337mN	Locatio	on M2:	709,696mE; 6300,271mN			
Location M3:	709,557mE; 6300,298mN	Locatio	on M4:	709,370mE; 6300,366mN			
Weather Conditions*							
General	Fine	Wind D	irection	East			
Rainfall	0.0 mm	Wind S	peed	5 – 29 km/h			

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