



A GREENCAP CONSULTING COMPANY

# Risk Management Services

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## ASBESTOS FIBRE AIR MONITORING REPORT

**Our Ref:** C107605:J111804 M007-20121119  
**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:** Monday 19th November 2012 **Test Date:** Monday 19th November 2012  
**Sampling Procedure:** Control **Sampled By:** Pumps On: SM  
Pumps Off: SM

**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 scraping of soil in the centre section on the northern side of the Mitchell Highway Intersection Upgrade					
2199	Field Blank	-	-	0.0/100	-
2166	Location M1 – Northern Side of Mitchell Highway, Access Road No. 3410, Western Side, above "Danger Construction Site" Sign – On barrier	0939 – 1604	1.20	2.0/100	< 0.01
2006	Location M2 – Northern Side of Mitchell Hwy, Shoulder of Intersection, approx. 25m from Access Road No.3410 – On road post	0941 – 1607	1.20	0.0/100	< 0.01
1368A	Location M3 – Southern Side of Mitchell Highway, opposite Access Road No. 3410 – On fence	0943 – 1609	1.15	0.5/100	< 0.01
2160	Location M4 – Northern Side of Mitchell Highway, Shoulder of Intersection, approx. 5m from Access Road No.3410 – On road post	0945 – 1611	1.20	1.0/100	< 0.01
2155	Location M5 - Lunch Shed, adjacent Sink (On bench)	0950 – 1614	1.20	0.0/100	< 0.01
2233	Excavator Operator – John Willis (EODO)	0931 – XXXX	-	0.0/100	Void

Note: Filter 2233 voided due to flow rate exceeding variation criteria (+/-10%).

**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**

**Legend**

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

**Monitoring Date: 19<sup>th</sup> November 2012**

**Air Monitoring Location Coordinates**

<b>Location M1:</b>	709,559mE ; 6300,346mN	<b>Location M2:</b>	709,580mE ; 6300,345mN
<b>Location M3:</b>	709,534mE ; 6300,309mN	<b>Location M4:</b>	709,528mE ; 6300,350mN
<b>Location M5:</b>	709,532mE ; 6300,460mN		

**Weather Conditions\***

<b>General</b>	Fine (AM) & overcast (PM)	<b>Wind Direction</b>	SE – SW
<b>Rainfall</b>	0.0 mm	<b>Wind Speed</b>	13 – 42 km/h

\* East Guyong Quarry Weather Station