



A GREENCAP CONSULTING COMPANY

# Risk Management Services

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## ASBESTOS FIBRE AIR MONITORING REPORT

**Our Ref:** C107605:J111804 M005-20121031  
**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:** Wednesday 31 October 2012      **Test Date:** Wednesday 31 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 installation of the drainage pipe and capping at the western end of the northern side of the Mitchell Highway Intersection Upgrade					
2146A	Field Blank	-	-	0.0/100	-
2150A	Location M1 - Northern Side of Mitchell Highway, North of Work Area – On fence	1246 – 1456	3.50	0.0/100	< 0.01
2173	Location M2 - Northern Side of Mitchell Highway, West of Work Area – On barrier	1249 – 1458	3.50	0.0/100	< 0.01
911A	Location M3 - Northern Side of Mitchell Highway, East of Work Area – On fence post	1254 – 1454	3.50	0.0/100	< 0.01
2187	Location M4 - Southern Side of Mitchell Highway, South of Work Area – On fence	1252 – 1503	3.50	0.0/100	< 0.01
942A	Location M5 - Lunch Shed – On bench	1259 – 1452	3.50	0.0/100	< 0.01
2234	Backhoe Operator – Bree Fardon (EODO Pty Ltd)	1256 – 1509	3.50	1.0/100	< 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: 31<sup>st</sup> October 2012**

**Legend**

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

**Air Monitoring Location Coordinates**

**Location M1:** 709,528mE ; 6300,350mN

**Location M2:** 709,476mE ; 6300,351mN

**Location M3:** 709,592mE ; 6300,321mN

**Location M4:** 709,534mE ; 6300,309mN

**Location M5:** 709,532mE ; 6300,460mN

**Weather Conditions\***

**General** Fine

**Wind Direction** South West

**Rainfall** 0.0 mm

**Wind Speed** 13 – 22 km/h

\* East Guyong Quarry Weather Station