

A GREENCAP  
CONSULTING COMPANY

# Risk Management Services

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## ASBESTOS FIBRE AIR MONITORING REPORT

**Our Ref:** C107605:J111804 019-20120828

**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 28 August 2012

**Test Date:** Tuesday 28 August 2012

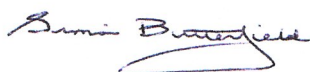
**Sampling Procedure:** Control

**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 scraping of topsoil of Entry Road no. 3410					
928	Field Blank	-	-	0.0/100	-
2006	Location 1 – Near Southern Boundary of Site, Access Road to Residence (No.3472) off Mitchell Highway, approx. 120 metres North of South Site Boundary – On barbed wire fence	0831 – 1520	1.20	0.0/100	< 0.01
2150A	Location 3 – Near Southern Boundary (SE Corner) of Site, Access Road Entry (No.3410) off Mitchell Highway, approx. 30 metres from South Site Boundary – On barbed wire fence	0752 – 1649	1.20	0.0/100	< 0.01
1387	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0905 – 1555	1.20	0.0/100	< 0.01
948A	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0901 – 1550	1.20	0.0/100	< 0.01
705	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0840 – 1529	1.20	0.0/100	< 0.01
609	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0846 – 1532	1.20	0.0/100	<0.01
465	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0853 – 1542	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
623	Location 3.1 – Near Southern Boundary (SE Corner) of Site, East Side of Access Road Entry (No.3410) off Mitchell Highway, Adjacent Windmill, approx. 90 metres from South Site Boundary – On barbed wire fence	0810 – 1640	1.20	0.0/100	< 0.01
643	Location 3.2 –Near Southern Boundary (SE Corner) of Site, West of Access Road Entry (No.3410) off Mitchell Highway, Plant Compound, approx. 75m from South Site Boundary & 30 metres from Access Road – On east fence	0756 – 1632	1.20	0.0/100	< 0.01
2007	Location 3.3 –Near Southern Boundary (SE Corner) of Site, West Side of Access Road Entry (No.3410) off Mitchell Highway, approx. 65 metres from South Site Boundary – On barbed wire fence	0816 – 1642	1.20	2.0/100	< 0.01
223	Location 3.4 – Southern Boundary (Near SE Corner) of Site, West Side of Access Road Entry (No.3410) off Mitchell Highway – On barbed wire fence	0822 – 1635	1.20	0.0/100	< 0.01
2168	Location 3.5 –Near Southern Boundary (SE Corner) of Site, West of Access Road Entry (No.3410) off Mitchell Highway, Plant Compound, Lunch Shed, 100m from South Site Boundary & 50 metres from Access Road	0800 – 1616	1.20	3.0/100	< 0.01
Exposure monitoring during scraping works					
1061	John Willis – Excavator Operator (EODO)	0913 – 1645	1.20	2.0/100	< 0.01
642	Monty Rookyard – Dump Truck Operator (EODO)	0919 – 1700	1.20	2.0/100	< 0.01



**APPROVED COUNTER AND SIGNATORY :  
SIMON BUTTERFIELD**



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**Figure 1 – Air Monitoring Locations**



**Air Monitoring Sampling Plan  
East Guyong Quarry Site**

**Monitoring Date: 28<sup>th</sup> August 2012**

**Legend**

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

**Air Monitoring Location Coordinates**

<b>Location 1:</b>	709,104mE ; 6300,660mN	<b>Location 10:</b>	709,465mE ; 6301,633mN
<b>Location 3:</b>	709,600mE ; 6300,372mN	<b>Location 3.1:</b>	709,623mE ; 6300,426mN
<b>Location 4:</b>	709,729mE ; 6300,716mN	<b>Location 3.2:</b>	709,544mE ; 6300,447mN
<b>Location 5:</b>	709,870mE ; 6300,905mN	<b>Location 3.3:</b>	709,583mE ; 6300,405mN
<b>Location 6:</b>	708,803mE ; 6301,185mN	<b>Location 3.4:</b>	709,554mE ; 6300,344mN
<b>Location 8:</b>	708,824mE ; 6301,587mN	<b>Location 3.5:</b>	709,526mE ; 6300,440mN

**Weather Conditions\***

<b>General</b>	Overcast to Fine	<b>Wind Direction</b>	North - NW
<b>Rainfall</b>	0.0 mm	<b>Wind Speed</b>	0.7 – 21.9 km/h

\* East Guyong Quarry Weather Station