

## ASBESTOS FIBRE AIR MONITORING REPORT

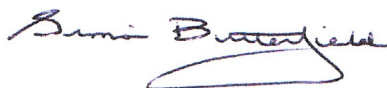
**Our Ref:** C107605:J111804.007-20120725  
**Client:** Hanson Construction Materials Pty Ltd  
**Attention:** Martin Gear - Project Manager Aggregates  
**Job Location:** East Guyong Quarry, Mitchell Highway, East Guyong NSW  
**Report Date:** Wednesday 25 July 2012      **Test Date:** Wednesday 25 July 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 investigative drilling works					
1209	Field Blank	–	–	0.0/100	–
2172	Location 1 – Near Southern Boundary of Site, Access Road to Residence (No.3472) off Mitchell Highway, approx. 120 metres north of south site boundary	0718 – 1621	1.00	0.0/100	< 0.01
2133A	Location 3 – Near Southern Boundary (SE Corner) of Site, Access Road Entry (No.3410) off Mitchell Highway, approx. 20 metres from south site boundary	0704 – 1606	1.00	1.0/100	< 0.01
218	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres west of shed, On Access Road	0707 – 1609	1.00	0.0/100	< 0.01
2104	Location 5 – Near Eastern Boundary (near centre) of Site, approx. 50 metres west of east site boundary	0711 – 1612	1.00	0.0/100	< 0.01
2115	Location 6 – Western Boundary of Proposed Quarry Pit (near western site boundary)	0727 – 1627	1.00	0.0/100	< 0.01
1223	Location 8 – Western Boundary (near NW corner) of Site	0738 – 1637	1.00	0.0/100	< 0.01
1208	Location 10 – Near Northern Boundary of Site (near NE corner site)	0750 – 1647	1.00	0.0/100	< 0.01
2163	On Drilling Rig (Colling Exploration)	0755 – 1725	1.00	5.5/100	< 0.01
1388	On Drilling Rig (Macquarie Geotech)	0930 – 1657	1.00	0.0/100	< 0.01
719	On Drilling Rig (Torpedo)	1307 – 1717	2.00	0.0/100	Voided*

Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/mL
<i>Personal (exposure) monitoring during investigative drilling works</i>					
1225	Sid Colling – Drill Rig Operator (Colling Exploration)	0759 – 1248	2.00	0.0/100	< 0.01
695	Andrew Shiells – Field Assistant (Rangott Mineral Exploration)	0805 – 1252	2.00	1.0/100	< 0.01
663	Richard Precians – Drill Rig Operator (Macquarie Geotech)	0927 – 1258	2.00	1.0/100	< 0.01
731	Sid Colling – Drilling Operator (Colling Exploration)	1250 – 1723	2.00	3.5/100	< 0.01
646A	Richard Precians – Drill Rig Operator (Macquarie Geotech)	1300 – 1713	2.00	0.0/100	< 0.01
805	Scott Huggett – Drill Rig Operator (Torpedo)	1310 – 1719	2.00	1.0/100	< 0.01

\* The result for Filter Sample No. 719 is "voided" due to excessive dust loading.



**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: 25 July 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 6:</b>	708,803mE ; 6301,185mN
<b>Location 3:</b>	709,597mE ; 6300,363mN	<b>Location 8:</b>	708,824mE ; 6301,587mN
<b>Location 4:</b>	709,729mE ; 6300,716mN	<b>Location 10:</b>	709,465mE ; 6301,633mN
<b>Location 5:</b>	709,870mE ; 6300,905mN		

**Weather Conditions\***

<b>General</b>	Fine to cloudy	<b>Wind Direction</b>	NNE to NW
<b>Rainfall</b>	0 mm	<b>Wind Speed</b>	10 – 32.8 km/h

\* East Guyong Quarry Weather Station