

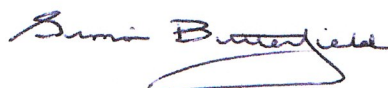
ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804.008-20120726
Client: Hanson Construction Materials Pty Ltd
Attention: Martin Gear - Project Manager Aggregates
Job Location: East Guyong Quarry, Mitchell Highway, East Guyong NSW
Report Date: Thursday 26 July 2012 **Test Date:** Thursday 26 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, 2nd 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
<i>Control static monitoring during investigative drilling works</i>					
1222	Field Blank	-	-	0.0/100	-
918A	Location 1 – Near Southern Boundary of Site, Access Road to Residence (No.3472) off Mitchell Highway, approx. 120 metres north of south site boundary	0820 – 1636	1.00	0.0/100	< 0.01
2124	Location 3 – Near Southern Boundary (SE Corner) of Site, Access Road Entry (No.3410) off Mitchell Highway, approx. 20 metres from south site boundary	0804 – 1640	1.00	1.0/100	< 0.01
1340	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres west of shed, On Access Road	0807 – 1643	1.00	0.0/100	< 0.01
2158	Location 5 – Near Eastern Boundary (near centre) of Site, approx. 50 metres west of east site boundary	0812 – 1646	1.00	0.0/100	< 0.01
2164	Location 6 – Western Boundary of Proposed Quarry Pit (near western site boundary)	0827 – 1632	1.00	0.0/100	< 0.01
1339	Location 8 – Western Boundary (near NW corner) of Site	0935 – 1625	1.00	0.0/100	< 0.01
1038	Location 10 – Near Northern Boundary of Site (near NE corner site)	0835 – 1615	1.00	1.0/100	< 0.01
2163	On Drilling Rig (Macquarie Geotech)	0842 – 1619	1.00	2.5/100	< 0.01
2094	On Drilling Rig Ute (Colling Exploration)	0857 – 1559	1.00	1.0/100	< 0.01
624	On RME Field Support Vehicle for Drilling Rig (Torpedo Drilling)	0909 – 1551	1.00	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
<i>Personal (exposure) monitoring during investigative drilling works</i>					
625	Sid Colling – Drilling Operator (Colling Exploration)	0846 – 1146	2.00	2.0/100	< 0.01
937	Tobia Mendell – Driller's Assistant (Macquarie Geotech)	0838 – 1142	2.00	4.5/100	< 0.01
935	Scott Huggett – Driller's Assistant (Torpedo Drilling)	0905 – 1155	2.00	1.0/100	< 0.01
2118A	Sid Colling – Drilling Operator Colling Exploration	1147 – 1557	2.00	3.0/100	< 0.01
2146	Tobia Mendell – Driller's Assistant (Macquarie Geotech)	1143 – 1618	2.00	4.0/100	< 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: 26 July 2012

Legend

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

Air Monitoring Location Coordinates

Location 1:	709,104mE ; 6300,660mN	Location 6:	708,803mE ; 6301,185mN
Location 3:	709,597mE ; 6300,363mN	Location 8:	708,824mE ; 6301,587mN
Location 4:	709,729mE ; 6300,716mN	Location 10:	709,465mE ; 6301,633mN
Location 5:	709,870mE ; 6300,905mN		

Weather Conditions*

General	Cloudy with showers	Wind Direction	NNE
Rainfall	1.8 mm	Wind Speed	9.5 – 33.4 km/h

* East Guyong Quarry Weather Station