

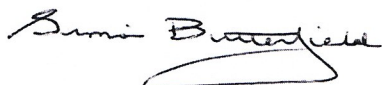
**ASBESTOS FIBRE AIR MONITORING REPORT**

**Our Ref:** C107605:J111804.002-20120717-Background Day 2  
**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 17 July 2012 **Test Date:** Tuesday 17 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
Background monitoring of ambient air conditions					
2218A	Field Blank	-	-	0.0/100	-
2158	Location 1 – Near Southern Boundary of Site, Access Road to Residence (No.3472) off Mitchell Highway, approx. 120 metres north of south site boundary	0834 – 1604	1.20	2.0/100	< 0.01
937	Location 2 – Near Southern Boundary (SE Corner) of Proposed Quarry Pit (North of Residence No.3472)	0837 – 1608	1.20	0.0/100	< 0.01
2164	Location 3 – Near Southern Boundary (SE Corner) of Site, Access Road Entry (No.3410) off Mitchell Highway, approx. 20 metres from south site boundary	0820 – 1552	1.20	0.0/100	< 0.01
624	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres west of shed, On Access Road	0823 – 1555	1.20	0.0/100	< 0.01
2124A	Location 5 – Near Eastern Boundary (near centre) of Site, approx. 50 metres west of east site boundary	0826 – 1559	1.20	0.0/100	< 0.01
1038	Location 6 – Western Boundary of Proposed Quarry Pit (near western site boundary)	0842 – 1612	1.20	0.0/100	< 0.01
1339	Location 7 – Eastern Boundary of Proposed Quarry Pit (near western site boundary)	0849 – 1619	1.20	0.0/100	< 0.01
2146A	Location 8 – Western Boundary (near NW corner) of Site	0853 – 1623	1.20	1.0/100	< 0.01
625	Location 9 – Northern Boundary of Proposed Quarry Pit (near northern site boundary)	0907 – 1634	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
935	Location 10 – Near Northern Boundary of Site (near NE corner site)	0928 – 1649	1.20	0.0/100	< 0.01
1768A	Location 11 – Northern Boundary of Proposed Infrastructure Area (near centre)	0925 – 1647	1.20	1.0/100	< 0.01
2160	Location 12 – West of Proposed Infrastructure Area, 50 metres of existing dam (NOA outcrop area)	0933 – 1653	1.20	0.0/100	< 0.01
541	Location 13 – Southern Boundary of Proposed Infrastructure Area (near centre)	0917 – 1641	1.20	0.0/100	< 0.01
1340	Location 14 – Near Centre-West Section of Proposed Infrastructure Area	0922 – 1645	1.20	1.0/100	< 0.01
2094	Location 15 – Eastern Boundary of Proposed Infrastructure Area (proposed storage dam)	0919 – 1643	1.20	0.0/100	< 0.01



**APPROVED COUNTER AND SIGNATORY:  
SIMON BUTTERFIELD**



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Figure 1 – Air Monitoring Locations



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

**Monitoring Date: 17 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 9:</b>	709,032mE ; 6301,723mN
<b>Location 2:</b>	709,179mE ; 6300,895mN	<b>Location 10:</b>	709,465mE ; 6301,633mN
<b>Location 3:</b>	709,597mE ; 6300,363mN	<b>Location 11:</b>	709,229mE ; 6301,504mN
<b>Location 4:</b>	709,729mE ; 6300,716mN	<b>Location 12:</b>	709,499mE ; 6301,287mN
<b>Location 5:</b>	709,870mE ; 6300,905mN	<b>Location 13:</b>	709,283mE ; 6301,101mN
<b>Location 6:</b>	708,803mE ; 6301,185mN	<b>Location 14:</b>	709,175mE ; 6301,314mN
<b>Location 7:</b>	709,022mE ; 6301,282mN	<b>Location 15:</b>	709,283mE ; 6301,302mN
<b>Location 8:</b>	708,824mE ; 6301,587mN		

**Weather Conditions\***

<b>General</b>	Fine and sunny	<b>Wind Direction</b>	N - NNW
<b>Rainfall</b>	0 mm	<b>Wind Speed</b>	5.9 – 29.1 km/h

\* East Guyong Quarry Weather Station