

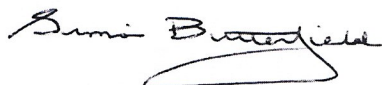
**ASBESTOS FIBRE AIR MONITORING REPORT**

**Our Ref:** C107605:J111804.001-20120716-Background Day 1  
**Client:** Hanson Construction Materials Pty Ltd  
**Attention:** Martin Gear - Project Manager Aggregates  
**Job Location:** East Guyong Quarry, Mitchell Highway, East Guyong NSW  
**Report Date:** Monday 16 July 2012 **Test Date:** Monday 16 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					
223	Field Blank	-	-	0.0/100	-
1066	Location 1 – Near Southern Boundary of Site, Access Road to Residence (No.3472) off Mitchell Highway, approx. 120 metres north of south site boundary	0948 – 1612	1.20	0.0/100	< 0.01
1215	Location 2 – Near Southern Boundary (SE Corner) of Proposed Quarry Pit (North of Residence No.3472)	0956 – 1616	1.20	0.0/100	< 0.01
737	Location 3 – Near Southern Boundary (SE Corner) of Site, Access Road Entry (No.3410) off Mitchell Highway, approx. 20 metres from south site boundary	0918 – 1556	1.20	0.0/100	< 0.01
939A	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres west of shed, On Access Road	0926 – 1600	1.20	0.0/100	< 0.01
2027	Location 5 – Near Eastern Boundary (near centre) of Site, approx. 50 metres west of east site boundary	0935 – 1604	1.20	0.0/100	< 0.01
1054	Location 6 – Western Boundary of Proposed Quarry Pit (near western site boundary)	1002 – 1621	1.20	0.0/100	< 0.01
943A	Location 7 – Eastern Boundary of Proposed Quarry Pit (near western site boundary)	1012 – 1630	1.20	0.0/100	< 0.01
203	Location 8 – Western Boundary (near NW corner) of Site	1039 – 1649	1.20	0.0/100	< 0.01
1249	Location 9 – Northern Boundary of Proposed Quarry Pit (near northern site boundary)	1020 – 1636	1.20	1.0/100	< 0.01

Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/mL
2023	Location 10 – Near Northern Boundary of Site (near NE corner site)	1110 – 1710	1.50	0.0/100	< 0.01
225	Location 11 – Northern Boundary of Proposed Infrastructure Area (near centre)	1101 – 1706	1.50	0.0/100	< 0.01
1015	Location 12 – West of Proposed Infrastructure Area, 50 metres of existing dam (NOA outcrop area)	1118 – 1716	1.50	0.0/100	< 0.01
805	Location 13 – Southern Boundary of Proposed Infrastructure Area (near centre)	1052 – 1700	1.50	0.0/100	< 0.01
1391	Location 14 – Near Centre-West Section of Proposed Infrastructure Area	1100 – 1704	1.50	0.0/100	< 0.01
2024	Location 15 – Eastern Boundary of Proposed Infrastructure Area (proposed storage dam)	1056 – 1702	1.50	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**

**Date of Monitoring: 16 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>	SSW
<b>Rainfall</b>	0 mm	<b>Wind Speed</b>	2 – 22.3 km/h

\* East Guyong Quarry Weather Station