

## ASBESTOS FIBRE AIR MONITORING REPORT

**Our Ref:** C107605:J111804 014-20120816

**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 16th August 2012

**Test Date:** Thursday 16th August 2012

**Sampling Procedure:** Control

**Sampled By:** Pumps On: SM  
Pumps Off: SM

**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.

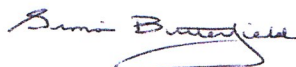
Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/mL
Control static monitoring during scraping of topsoil adjacent Entry Road no. 3410					
663	Field Blank	-	-	0.0/100	-
743	Location 1 – Near Southern Boundary of Site, Access Road to Residence (No.3472) off Mitchell Highway, approx. 120 metres North of South Site Boundary – On barbed wire fence	0912 – 1533	1.40	0.0/100	< 0.01
218	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0918 – 1548	1.45	1.0/100	< 0.01
1365	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0926 – XXXX	-	0.0/100	Void
911A	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0934 – 1604	1.40	0.5/100	< 0.01
1032	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0943 - 1612	1.40	1.0/100	< 0.01
1316	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0948 – 1614	1.40	0.0/100	< 0.01
1362	Location 3.1 – Southern Boundary of Site, adjacent Mitchell Hwy, approx. 100m from Access Road Entry (no. 3410) – On barbed wire fence	1003 – 1619	1.40	0.0/100	< 0.01
1364	Location 3.2 – West of Mitchell Hwy Stockpile Site, approx. 60m Northwest of Location 3.1 – On fencing post	1012 – 1620	1.40	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
628	Location 3.3 – North of Mitchell Hwy Stockpile, adjacent Pond Driveway, approx. 150m North of Location 3.1 – On barbed wire fence	1019 – 1622	1.45	0.0/100	< 0.01
1061	Location 3.4 – Access Road from Access Road Entry (no. 3410), approx. 200m North of Mitchell Hwy, approx. 30m from Pond Driveway – On barbed wire fence	1025 – 1624	1.40	1.0/100	< 0.01
2118A	Location 3.5 – Access Road from Access Road Entry (no. 3410), East of Windmill – On barbed wire fence	1030 – 1627	1.40	0.0/100	< 0.01
Exposure monitoring during scraping works					
1341	John Willis – Excavator Operator (EODO)	1100 – 1631	1.45	1.0/100	< 0.01

Note: Filter 1365 voided due to flow rate exceeding variation criteria (+/-10%).



**APPROVED COUNTER:**  
**SIMON MIRALLES**



**APPROVED SIGNATORY:**  
**SIMON BUTTERFIELD**



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**Figure 1 – Air Monitoring Locations**



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

**Monitoring Date: 16 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 3.1:</b>	709,488mE ; 6300,361mN
<b>Location 4:</b>	709,729mE ; 6300,716mN	<b>Location 3.2:</b>	709,470mE ; 6300,416mN
<b>Location 5:</b>	709,870mE ; 6300,905mN	<b>Location 3.3:</b>	709,544mE ; 6300,487mN
<b>Location 6:</b>	708,803mE ; 6301,185mN	<b>Location 3.4:</b>	709,608mE ; 6300,512mN
<b>Location 8:</b>	708,824mE ; 6301,587mN	<b>Location 3.5:</b>	709,620mE ; 6300,427mN
<b>Location 10:</b>	709,465mE ; 6301,633mN		

**Weather Conditions\***

<b>General</b>	Fine and clear	<b>Wind Direction</b>	NNW – SSE
<b>Rainfall</b>	0 mm	<b>Wind Speed</b>	7.2 – 19.9 km/h

\* East Guyong Quarry Weather Station