

Risk Management Services

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ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref:

C107605:J111804 023-20120907

Client:

Hanson Construction Materials Pty Ltd

Attention:

Martin Gear - Project Manager Aggregates

Job Location: East Guyong Quarry, Mitchell Highway, East Guyong NSW

Report Date: Friday 7th September 2012 **Test Date:**

Friday 7th September 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, 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			
Control static monitoring during digging of trenches east and west of Entry Road no. 3410								
	Field Blank	_	_	0.0/100	_			
2269	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	0908 – 1450	1.50	0.0/100	< 0.01			
1368A	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0938 – 1426	1.50	0.0/100	< 0.01			
2217	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0935 – 1429	1.50	0.0/100	< 0.01			
2226	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0916 – 1440	1.50	0.0/100	< 0.01			
2030	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0920 – 1447	1.50	0.0/100	<0.01			
2182	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0928 – 1434	1.50	0.0/100	< 0.01			

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Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/mL		
2207	Location 3.1 – West Side of Access Road Entry (No.3410) off Mitchell Highway, adjacent Entry Gate – On barbed wire fence	0845 – 1459	1.50	1.0/100	< 0.01		
1308	Location 3.2 – East Side of Access Road Entry (No.3410) off Mitchell Highway, approx. 20m North of Entry Gate – On barbed wire fence	0846 – 1501	1.50	0.0/100	<0.01		
2065	Location 3.3 – East Side of Access Road Entry (No.3410) off Mitchell Highway, approx. 70m North of Entry Gate, approx. 10m South of Windmill – On barbed wire fence	0849 – XXXX	-	0.0/100	Void		
2031	Location 3.4 – West Side of Access Road Entry (No.3410) off Mitchell Highway, approx. 50m North of Entry Gate – On barbed wire fence	0850 – 1503	1.50	0.0/100	< 0.01		
911A	Location 3.5 –Near Southern Boundary (SE Corner) of Site, West of Access Road Entry (No.3410) off Mitchell Highway, Plant Compound, Lunch Shed, 100m from South Site Boundary & 50 metres from Access Road – On bench	0856 – 1507	1.50	1.0/100	< 0.01		
Exposure monitoring during digging works							
1220	John Willis – Excavator Operator (EODO)	0848 – 1505	1.50	2.0/100	< 0.01		

Note: Filter 2065 voided due to flow rate exceeding variation criteria (+/-10%).

Simi Brandiela

APPROVED COUNTER AND SIGNATORY: SIMON BUTTERFIELD



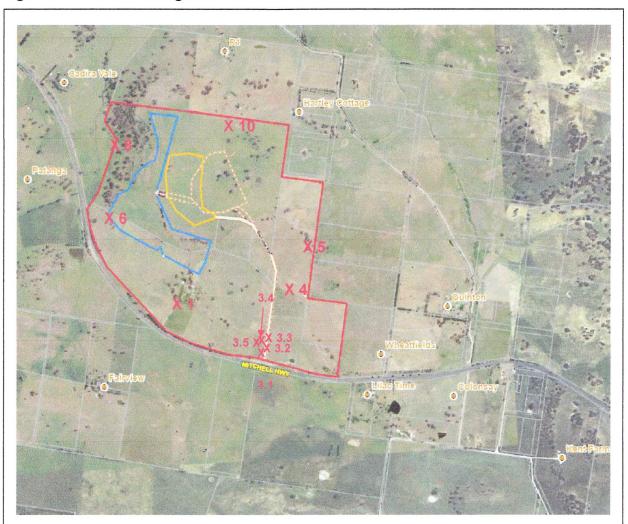
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Figure 1 – Air Monitoring Locations



Air Monitoring Sampling Plan East Guyong Quarry Site

Monitoring Date: 7th September 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 708,824mE; 6301,587mN Location 3: 709,600mE; 6300,372mN Location 8: 709,465mE; 6301,633mN 709,729mE; 6300,716mN Location 10: Location 4: 709,870mE; 6300,905mN 709,526mE; 6300,440mN Location 5: Location 3.5:

Weather Conditions*

 General
 Overcast
 Wind Direction
 SW – WNW

 Rainfall
 0.0 mm
 Wind Speed
 22.8 – 56.4 km/h

^{*} East Guyong Quarry Weather Station