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## **ASBESTOS FIBRE AIR MONITORING REPORT**

Our Ref:

C107605:J111804.012-20120731

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 31 July 2012

Test Date:

Tuesday 31 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		
Control static monitoring during investigative drilling works							
664	Field Blank	_	_	0.0/100	_		
1208	Location 1 – Near Southern Boundary of Site, Access Road to Residence (No.3472) off Mitchell Highway, approx. 120 metres north of south site boundary	0745 – 1550	1.00	1.0/100	< 0.01		
719	Location 3 – Near Southern Boundary (SE Corner) of Site, Access Road Entry (No.3410) off Mitchell Highway, approx. 20 metres from south site boundary	0748 – 1554	1.00	0.0/100	< 0.01		
1222	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres west of shed, On Access Road	0751 – 1556	1.00	0.0/100	< 0.01		
203	Location 5 – Near Eastern Boundary (near centre) of Site, approx. 50 metres west of east site boundary	0759 – 1559	1.00	0.0/100	< 0.01		
1223	Location 6 – Western Boundary of Proposed Quarry Pit (near western site boundary)	0850 – 1629	1.00	0.0/100	< 0.01		
1388	Location 8 – Western Boundary (near NW corner) of Site	0817 – 1620	1.00	0.0/100	< 0.01		
2094	Location 10 – Near Northern Boundary of Site (near NE corner site)	0808 – 1607	1.00	0.0/100	< 0.01		
1209	On Field Support Vehicle Near Drilling Rig (Torpedo Drilling)	0829 – 1610	1.00	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				
Personal (exposure) monitoring during investigative drilling works									
2133A	Scott Huggett – Driller's Assistant (Torpedo Drilling)	0832 – 1611	1.00	3.0/100	< 0.01				

Simi Bracedielle

APPROVED COUNTER AND SIGNATORY: SIMON BUTTERFIELD



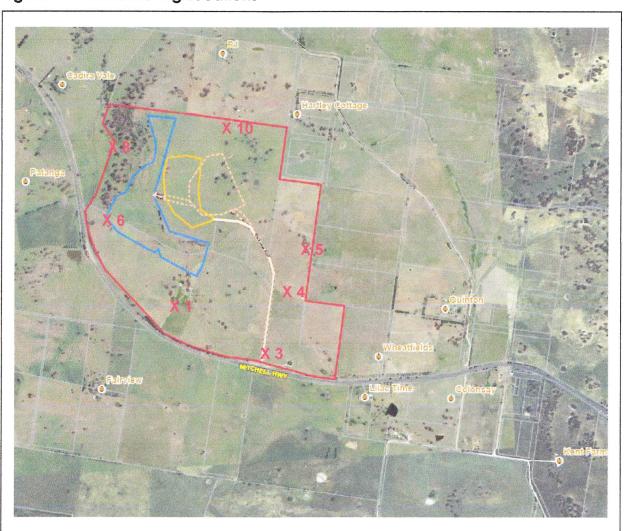
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Figure 1 – Air Monitoring Locations



# Air Monitoring Sampling Plan East Guyong Quarry Site

Monitoring Date: 31 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
 Fine and clear
 Wind Direction
 SSE - SW

 Rainfall
 0 mm
 Wind Speed
 0.5 - 22.8 km/h

<sup>\*</sup> East Guyong Quarry Weather Station