

ASBESTOS FIBRE AIR MONITORING REPORT

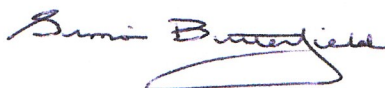
Our Ref: C107605:J111804.013-20120801
Client: Hanson Construction Materials Pty Ltd
Attention: Martin Gear - Project Manager Aggregates
Job Location: East Guyong Quarry, Mitchell Highway, East Guyong NSW
Report Date: Wednesday 01 August 2012 **Test Date:** Wednesday 01 August 2012
Sampling Procedure: 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
<i>Control static monitoring during investigative drilling works</i>					
1222	Field Blank	-	-	0.0/100	-
911	Location 1 – Near Southern Boundary of Site, Access Road to Residence (No.3472) off Mitchell Highway, approx. 120 metres north of south site boundary	0737 – 1537	1.00	0.0/100	< 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	0741 – 1541	1.00	0.0/100	< 0.01
1223	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres west of shed, On Access Road	0745 – 1543	1.00	0.0/100	< 0.01
819	Location 5 – Near Eastern Boundary (near centre) of Site, approx. 50 metres west of east site boundary	0749 – 1548	1.00	0.0/100	< 0.01
945	Location 6 – Western Boundary of Proposed Quarry Pit (near western site boundary)	0813 – 1623	1.00	0.0/100	< 0.01
1220	Location 8 – Western Boundary (near NW corner) of Site	0808 – 1619	1.00	1.0/100	< 0.01
801	Location 10 – Near Northern Boundary of Site (near NE corner site)	0758 – 1559	1.00	0.0/100	< 0.01
1251	On Field Support Vehicle Near Drilling Rig (Torpedo Drilling)	0818 – 1610	1.00	1.0/100	Voided*

Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/mL
<i>Personal (exposure) monitoring during investigative drilling works</i>					
2118A	Andrew Sheills – Field Assistant (Rangott Exploration)	0832 – 1608	1.00	2.5/100	< 0.01

* The result for Filter Sample No. 1251 is voided due to excessive dust loading.



**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: 1 August 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 - SSW
Rainfall	0 mm	Wind Speed	4.5 – 29.6 km/h

* East Guyong Quarry Weather Station