



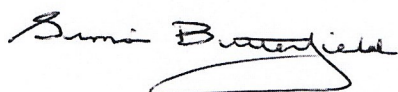
ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804.004-20120719-Background Day 4
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 19 July 2012 **Test Date:** Thursday 19 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
Background monitoring of ambient air conditions					
2118A	Field Blank	-	-	0.0/100	-
2158	Location 1 – Near Southern Boundary of Site, Access Road to Residence (No.3472) off Mitchell Highway, approx. 120 metres north of south site boundary	0834 – 1621	1.20	1.0/100	< 0.01
1339	Location 2 – Near Southern Boundary (SE Corner) of Proposed Quarry Pit (North of Residence No.3472)	0837 – 1624	1.20	0.0/100	< 0.01
625	Location 3 – Near Southern Boundary (SE Corner) of Site, Access Road Entry (No.3410) off Mitchell Highway, approx. 20 metres from south site boundary	0822 – 1611	1.20	0.0/100	< 0.01
2164	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres west of shed, On Access Road	0825 – 1613	1.20	0.0/100	< 0.01
1368A	Location 5 – Near Eastern Boundary (near centre) of Site, approx. 50 metres west of east site boundary	0828 – 1616	1.20	0.0/100	< 0.01
1038	Location 6 – Western Boundary of Proposed Quarry Pit (near western site boundary)	0841 – 1627	1.20	0.0/100	< 0.01
1340	Location 7 – Eastern Boundary of Proposed Quarry Pit (near western site boundary)	0848 – 1633	1.20	0.0/100	< 0.01
2124A	Location 8 – Western Boundary (near NW corner) of Site	0851 – 1638	1.20	0.0/100	< 0.01
2094	Location 9 – Northern Boundary of Proposed Quarry Pit (near northern site boundary)	0902 – 1646	1.20	0.0/100	< 0.01

Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/mL
937	Location 10 – Near Northern Boundary of Site (near NE corner site)	0917 – 1702	1.20	0.0/100	< 0.01
935	Location 11 – Northern Boundary of Proposed Infrastructure Area (near centre)	0915 – 1659	1.20	0.0/100	< 0.01
641	Location 12 – West of Proposed Infrastructure Area, 50 metres of existing dam (NOA outcrop area)	0919 – 1706	1.20	0.0/100	< 0.01
624	Location 13 – Southern Boundary of Proposed Infrastructure Area (near centre)	0909 – 1652	1.20	0.0/100	< 0.01
2160	Location 14 – Near Centre-West Section of Proposed Infrastructure Area	0913 – 1656	1.20	0.0/100	< 0.01
2141	Location 15 – Eastern Boundary of Proposed Infrastructure Area (proposed storage dam)	0911 – 1654	1.20	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**

Monitoring Date: 19 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 9:	709,032mE ; 6301,723mN
Location 2:	709,179mE ; 6300,895mN	Location 10:	709,465mE ; 6301,633mN
Location 3:	709,597mE ; 6300,363mN	Location 11:	709,229mE ; 6301,504mN
Location 4:	709,729mE ; 6300,716mN	Location 12:	709,499mE ; 6301,287mN
Location 5:	709,870mE ; 6300,905mN	Location 13:	709,283mE ; 6301,101mN
Location 6:	708,803mE ; 6301,185mN	Location 14:	709,175mE ; 6301,314mN
Location 7:	709,022mE ; 6301,282mN	Location 15:	709,283mE ; 6301,302mN
Location 8:	708,824mE ; 6301,587mN		

Weather Conditions*

General	Fine and sunny	Wind Direction	SW - S
Rainfall	0 mm	Wind Speed	12.6 – 44.6 km/h

* East Guyong Quarry Weather Station