

A GREENCAP
CONSULTING COMPANY

Risk Management Services

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ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804 021-20120830
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 30th August 2012 **Test Date:** Thursday 30th August 2012
Sampling Procedure: Control **Sampled By:** Pumps On: SB
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.

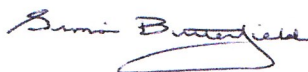
Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/mL
Control static monitoring during scraping of topsoil of Entry Road no. 3410					
1236	Field Blank	-	-	0.0/100	-
1387	Location 1 – Near Southern Boundary of Site, Access Road to Residence (No.3472) off Mitchell Highway, approx. 120 metres North of South Site Boundary – On barbed wire fence	0852 – 1518	1.25	0.0/100	< 0.01
2049	Location 3 – Near Southern Boundary (SE Corner) of Site, Access Road Entry (No.3410) off Mitchell Highway, approx. 30 metres from South Site Boundary – On barbed wire fence	0820 – 1557	1.20	0.0/100	< 0.01
948A	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0922 – 1549	1.25	0.0/100	< 0.01
609	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0920 – 1547	1.20	0.0/100	< 0.01
643	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0858 – 1529	1.20	0.0/100	< 0.01
332	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0903 – 1532	1.25	0.0/100	<0.01
1061	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0913 – 1540	1.25	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
2079	Location 3.1 – Near Southern Boundary (SE Corner) of Site, East Side of Access Road Entry (No.3410) off Mitchell Highway, Adjacent Windmill, approx. 90 metres from South Site Boundary – On barbed wire fence	0825 – 1600	1.30	0.0/100	Void
625	Location 3.2 –Near Southern Boundary (SE Corner) of Site, East Side of Access Road Entry (No.3410) off Mitchell Highway, approx. 150m from South Site Boundary – On east fence	0828 – 1552	1.20	1.0/100	< 0.01
2006	Location 3.3 –Near Southern Boundary (SE Corner) of Site, West Side of Access Road Entry (No.3410) off Mitchell Highway, approx. 65 metres from South Site Boundary – On barbed wire fence	0831 – 1604	1.20	0.0/100	< 0.01
2111	Location 3.4 – Southern Boundary (Near SE Corner) of Site, West Side of Access Road Entry (No.3410) off Mitchell Highway – On barbed wire fence	0815 – 1556	1.25	1.0/100	< 0.01
928	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	0837 – 1608	1.20	1.0/100	< 0.01
Exposure monitoring during scraping works					
2007	John Willis – Excavator Operator (EODO)	0844 – 1558	1.25	2.0/100	< 0.01
705	Monty Rookyard – Dump Truck Operator (EODO)	0848 – 1602	1.25	1.0/100	< 0.01

Note: Filter 2079 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: 30th 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 10:	709,465mE ; 6301,633mN
Location 3:	709,600mE ; 6300,372mN	Location 3.1:	709,623mE ; 6300,426mN
Location 4:	709,729mE ; 6300,716mN	Location 3.2:	709,622mE ; 6300,487mN
Location 5:	709,870mE ; 6300,905mN	Location 3.3:	709,583mE ; 6300,405mN
Location 6:	708,803mE ; 6301,185mN	Location 3.4:	709,554mE ; 6300,344mN
Location 8:	708,824mE ; 6301,587mN	Location 3.5:	709,526mE ; 6300,440mN

Weather Conditions*

General	Overcast	Wind Direction	W - SW
Rainfall	0.0 mm	Wind Speed	20.5 – 48.6 km/h

* East Guyong Quarry Weather Station