



A GREENCAP
CONSULTING COMPANY

Risk Management Services

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ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804.015-20120817
Client: Hanson Construction Materials Pty Ltd
Attention: Martin Gear - Project Manager Aggregates
Job Location: East Guyong Quarry, Mitchell Highway, East Guyong NSW
Report Date: Monday 20th August 2012 **Test Date:** Friday 17th August 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.

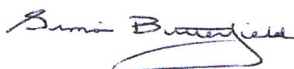
Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/mL
Control static monitoring during scraping of topsoil adjacent Entry Road no. 3410					
1222	Field Blank	-	-	0.0/100	-
203	Location 1 – Near Southern Boundary of Site, Access Road to Residence (No.3472) off Mitchell Highway, approx. 120 metres North of South Site Boundary – On barbed wire fence	0805 – 1211	1.45	0.0/100	< 0.01
695	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0817 – 1215	1.40	0.0/100	< 0.01
2032	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0826 – 1225	1.40	0.0/100	<0.01
M59	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0835 – 1235	1.40	0.0/100	< 0.01
1035	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0841 – 1242	1.25	0.0/100	Void
2135A	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0844 – 1246	1.45	0.0/100	< 0.01
2108	Location 3.1 – Southern Boundary of Site, adjacent Mitchell Hwy, approx. 100m from Access Road Entry (no. 3410) – On barbed wire fence	0850 – 1255	1.40	1.0/100	< 0.01
2125A	Location 3.2 – West of Mitchell Hwy Stockpile Site, approx. 60m Northwest of Location 3.1 – On fencing post	0852 – 1257	1.45	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
2038	Location 3.3 – North of Mitchell Hwy Stockpile, adjacent Pond Driveway, approx. 150m North of Location 3.1 – On barbed wire fence	0855 – 1258	1.40	0.0/100	< 0.01
1011	Location 3.4 – Access Road from Access Road Entry (no. 3410), approx. 200m North of Mitchell Hwy, approx. 30m from Pond Driveway – On barbed wire fence	0847 – 1248	1.45	0.0/100	< 0.01
2168	Location 3.5 – Access Road from Access Road Entry (no. 3410), East of Windmill – On barbed wire fence	0849 – 1252	1.40	0.0/100	< 0.01
Exposure monitoring during scraping works					
920A	John Willis – Excavator Operator (EODO)	0859 – 1300	1.40	0.0/100	< 0.01

Note: Filter 1035 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: 17th 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 3.1:	709,488mE ; 6300,361mN
Location 4:	709,729mE ; 6300,716mN	Location 3.2:	709,470mE ; 6300,416mN
Location 5:	709,870mE ; 6300,905mN	Location 3.3:	709,544mE ; 6300,487mN
Location 6:	708,803mE ; 6301,185mN	Location 3.4:	709,608mE ; 6300,512mN
Location 8:	708,824mE ; 6301,587mN	Location 3.5:	709,620mE ; 6300,427mN
Location 10:	709,465mE ; 6301,633mN		

Weather Conditions*

General	Overcast and mixed rain & snow	Wind Direction	N – NW
Rainfall	2.0 mm	Wind Speed	11.2 – 46.7 km/h

* East Guyong Quarry Weather Station