



A GREENCAP
CONSULTING COMPANY

Risk Management Services

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ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804 057-20130319

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 19 March 2013

Test Date: Tuesday 19 March 2013

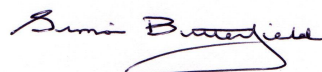
Sampling Procedure: Control

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 drilling works in the NW section of the Infrastructure Area on the East Guyong Quarry Site					
244	Field Blank	-	-	0.0/100	-
731	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	0733 – 1458	1.00	0.0/100	< 0.01
917A	Location 3 – Near Southern Boundary (SE Corner) of Site, Adjacent to New Access Road Entry (No.3410) off Mitchell Highway, approx. 30 metres from South Site Boundary – On barbed wire fence	0737 – 1510	1.00	0.0/100	< 0.01
2229	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0740 – 1512	1.00	0.0/100	< 0.01
934A	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0744 – 1514	1.00	0.0/100	< 0.01
2103	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0812 – 1501	1.00	0.0/100	< 0.01
1032	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0818 – 1504	1.00	0.0/100	< 0.01
304	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0750 – 1517	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
2206	Location N1 – South of Work Area (NW section of Infrastructure Area) – On fencing post	0750 – 1522	1.00	0.0/100	< 0.01
1243	Location N2 – West of Work Area (NW section of Infrastructure Area) – On fencing post	0802 – 1525	1.00	0.0/100	< 0.01
2065	Location N3 – East of Work Area (NW section of Infrastructure Area) – On fencing post	0800 – 1520	1.00	1.0/100	< 0.01
801	Location N4 – North of Work Area (NW section of Infrastructure Area) – On fencing post	0753 – 1520	1.00	0.0/100	< 0.01
Control static monitoring during excavation works in the western section of the southern side of the Mitchell Highway Intersection Upgrade					
2001	Location M1 - Southern Side of Mitchell Highway, East of Work Area (Adjacent to Waste Bin) – On site compound fence	0812 – 1505	1.00	1.0/100	< 0.01
2240	Location M2 - Southern Side of Mitchell Highway, West of Work Area – On fence post	0823 – 1615	1.00	1.0/100	< 0.01
942	Location M3 - Northern Side of Mitchell Highway, North of Work Area – On road marker	0815 – 1500	1.00	0.0/100	< 0.01
241	Location M4 – Southern Side of Mitchell Highway, Site Compound, Lunch Shed	0809 – 1503	1.00	7.5/100	< 0.01



APPROVED COUNTER AND SIGNATORY :
SIMON BUTTERFIELD

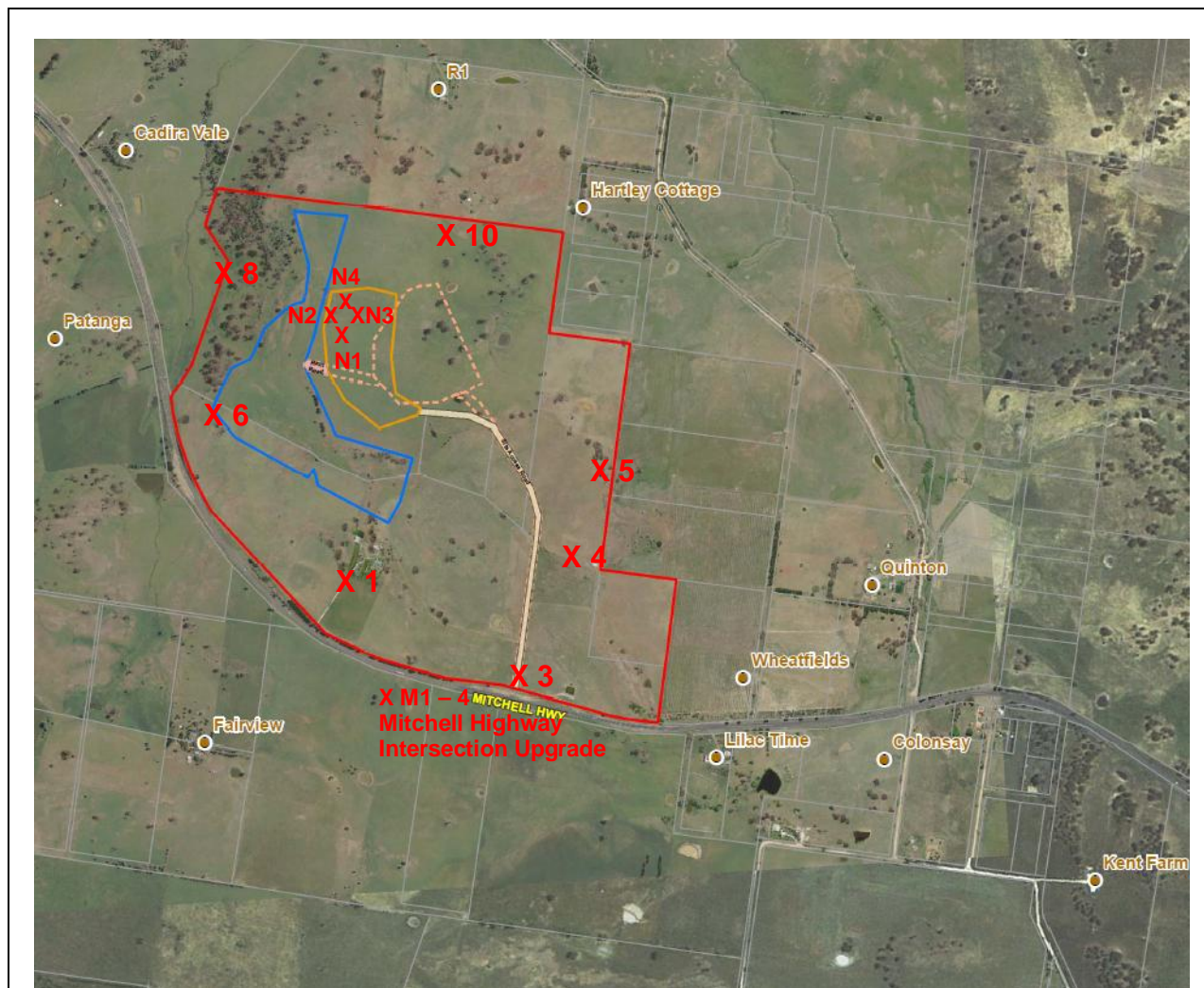


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Figure 1 – Air Monitoring Location



**Air Monitoring Sampling Plan
East Guyong Quarry Site**

Monitoring Date: 19th March 2013

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 N1:	709,096mE ; 6301,288mN
Location 3:	709,601mE ; 6300,370mN	Location N2:	709,096mE ; 6301,423mN
Location 4:	709,729mE ; 6300,716mN	Location N3:	709,201mE ; 6301,380mN
Location 5:	709,870mE ; 6300,905mN	Location N4:	709,182mE ; 6300,483mN
Location 6:	708,803mE ; 6301,185mN	Location M1:	709,533mE ; 6300,293mN
Location 8:	708,824mE ; 6301,587mN	Location M2:	709,432mE ; 6300,343mN
Location 10:	709,465mE ; 6301,633mN	Location M3:	709,484mE ; 6300,349mN
		Location M4:	709,531mE ; 6300,292mN

Weather Conditions*

<i>General</i>	Fine - Mostly Cloudy	<i>Wind Direction</i>	Mostly Northerly
<i>Rainfall</i>	0 mm	<i>Wind Speed</i>	2 – 17 km/h

* East Guyong Quarry Weather Station