



A GREENCAP  
CONSULTING COMPANY

# Risk Management Services

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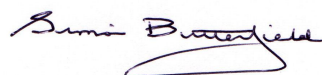
## ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804.074-20130509  
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 9 May 2013 Test Date: Thursday 9 May 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, 2<sup>nd</sup> 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 excavation works at the northern end of the new access road cutting on the East Guyong Quarry Site					
1220	Field Blank	-	-	0.0/100	-
3044	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	0753 – 1343	1.00	0.0/100	< 0.01
3041	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	0758 – 1348	1.00	0.0/100	< 0.01
3091	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0803 - 1354	1.00	0.0/100	< 0.01
3089	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0808 - 1358	1.00	0.0/100	< 0.01
3083	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0828 - 1419	1.00	0.0/100	< 0.01
3095	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0835 – 1425	1.00	0.0/100	< 0.01
3065	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0852 - 1453	1.00	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
3056	Location N1 – North of Work Area, (north of new access road cutting) – On fencing post	0847 - 1438	1.00	0.0/100	< 0.01
3100	Location N2 – West of Work Area, (west of new access road cutting) – On barbed wire fence	0845 - 1435	1.00	0.0/100	< 0.01
3068	Location N3 – South of Work Area, (south of new access road cutting) – On fencing post	0820 - 1410	1.00	0.0/100	< 0.01
3064	Location N4 – East of Work Area, (east of new access road cutting) – On barbed wire fence	0856 – 1446	1.00	1.0/100	< 0.01
3061	Location N5 – Lunch Shed, Adjacent to New Access Road – On bench	0817 - 1407	1.00	0.0/100	< 0.01
Exposure monitoring during excavation works					
3085	John Willis (EODO Pty Ltd) – Excavator Operator	0859 - 1450	1.00	3.0/100	< 0.01



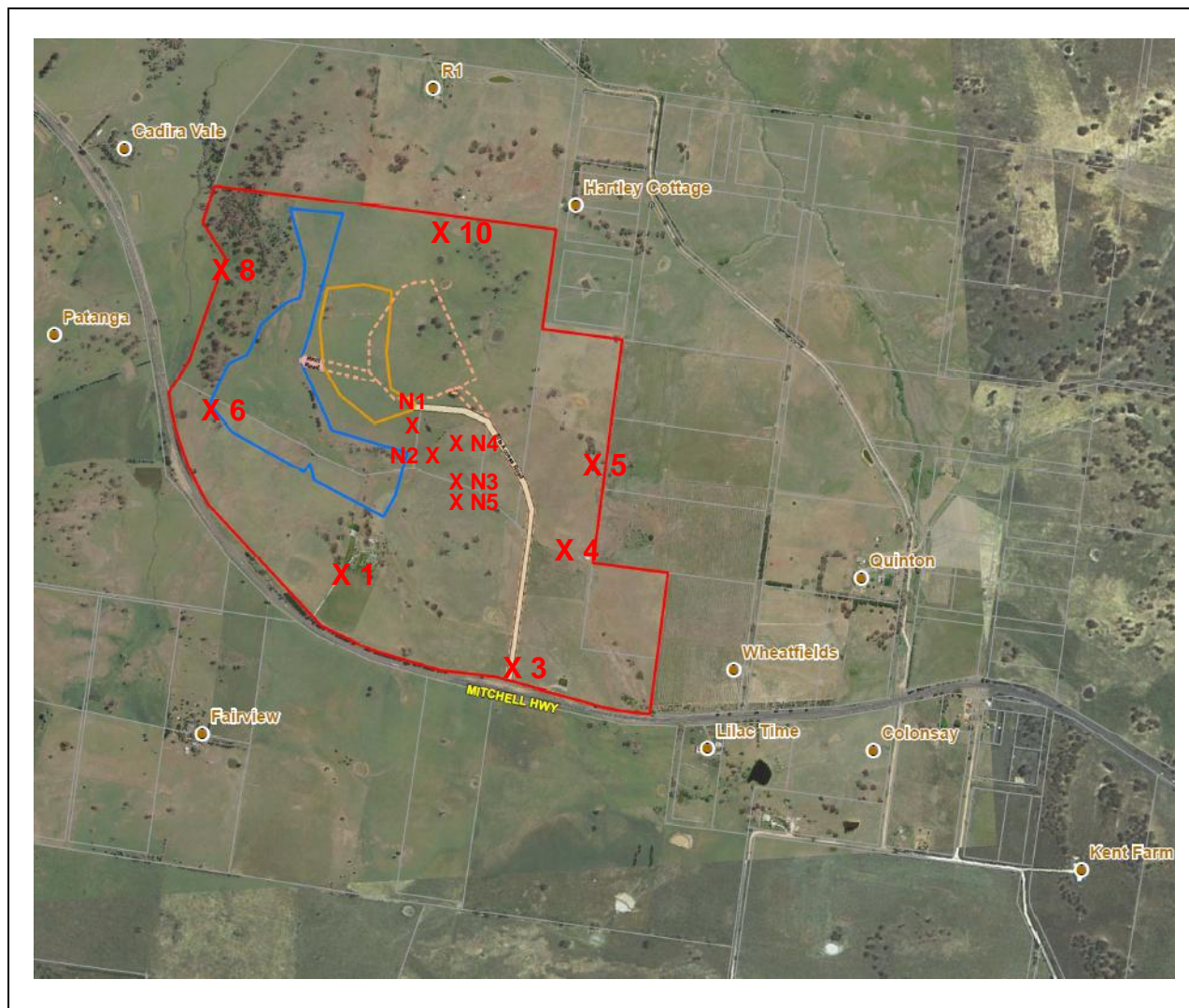
APPROVED COUNTER & SIGNATORY:  
SIMON BUTTERFIELD



Accredited for compliance with ISO/IEC 17025.  
Corporate Site No. 5450, Site No. 3402 Sydney  
Laboratory.

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in full.

Figure 1 – Air Monitoring Location



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

Monitoring Date: 9<sup>th</sup> May 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:	709,307mE ; 6301,156mN
Location 3:	709,601mE ; 6300,370mN	Location N2:	709,392mE ; 6301,027mN
Location 4:	709,729mE ; 6300,716mN	Location N3:	709,454mE ; 6300,928mN
Location 5:	709,870mE ; 6300,905mN	Location N4:	709,456mE ; 6301,159mN
Location 6:	708,803mE ; 6301,185mN	Location N5:	709,460mE ; 6300,911mN
Location 8:	708,824mE ; 6301,587mN		
Location 10:	709,465mE ; 6301,633mN		

**Weather Conditions\***

<i>General</i>	Mostly Fine – Partly Cloudy	<i>Wind Direction</i>	Mostly southerly
<i>Rainfall</i>	0 mm	<i>Wind Speed</i>	2 – 13 km/h

\* East Guyong Quarry Weather Station