



A GREENCAP  
CONSULTING COMPANY

# Risk Management Services

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## ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804.084-20130529

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 30 May 2013

Test Date: Wednesday 29 May 2013

Sampling Procedure: Control

Sampled By: Pumps On: SB/Pere Riini (Hanson)  
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 the excavation of soil in the Infrastructure Area on the East Guyong Quarry Site					
2112A	Field Blank	-	-	0.0/100	-
2208	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	0728 – 1432	1.00	0.0/100	< 0.01
737	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	0731 – 1435	1.00	0.0/100	< 0.01
402	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0734 - 1437	1.00	0.0/100	< 0.01
230	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0738 - 1439	1.00	0.0/100	< 0.01
482	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0743 - 1501	1.00	0.0/100	< 0.01
242	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0746 – 1503	1.00	0.0/100	< 0.01
3092	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0753 - 1448	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
823	Location N1 – Northern Boundary Fence of Infrastructure Area	0757 - 1448	1.00	0.0/100	< 0.01
2228	Location N2 – Western Boundary Fence of Infrastructure Area	0800 - 1451	1.00	0.0/100	< 0.01
2038	Location N3 – Eastern Boundary Fence of Infrastructure Area	0807 - 1455	1.00	0.0/100	< 0.01
821	Location N4 – Southern Boundary Fence of Infrastructure Area	0803 – 1446	1.00	0.0/100	< 0.01
829	Location N5 – Lunch Shed, Adjacent to New Access Road – On bench	0811 - 1506	1.00	0.0/100	< 0.01
Exposure monitoring during scraping works					
2003	John Willis (EODO Pty Ltd) – Excavator Operator	1003 - 1505	1.50	1.0/100	< 0.01



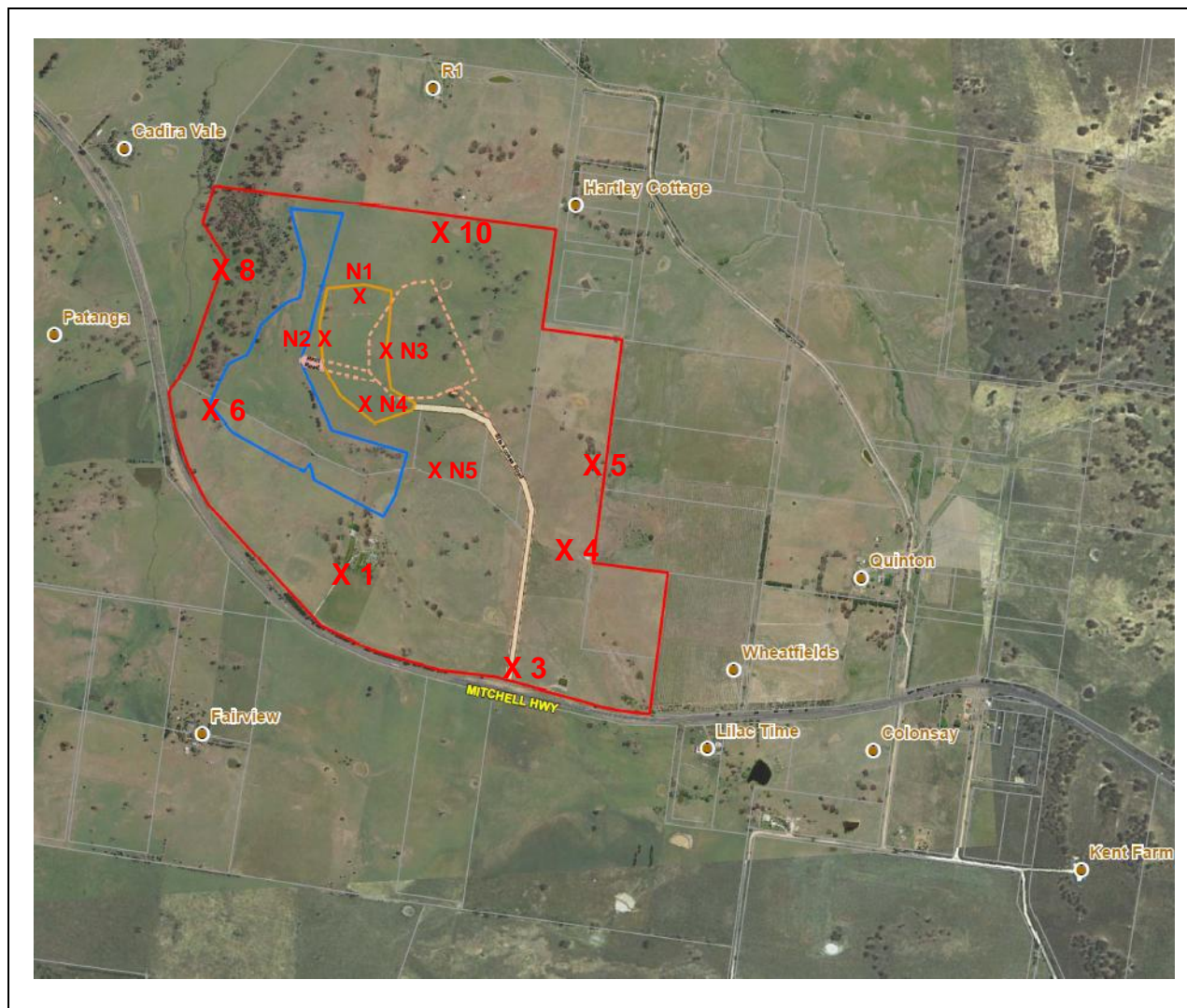
APPROVED COUNTER & SIGNATORY:  
SIMON BUTTERFIELD



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: 29<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:	709,217mE ; 6301,525mN
Location 3:	709,601mE ; 6300,370mN	Location N2:	709,069mE ; 6301,147mN
Location 4:	709,729mE ; 6300,716mN	Location N3:	709,393mE ; 6301,247mN
Location 5:	709,870mE ; 6300,905mN	Location N4:	709,225mE ; 6301,147mN
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\***

General	Fog – Fine / Partly Cloudy	Wind Direction	NNW
Rainfall	0 mm	Wind Speed	4 – 25 km/h

\* East Guyong Quarry Weather Station