



A GREENCAP
CONSULTING COMPANY

Risk Management Services

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ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804.089-20130605
Client: Hanson Construction Materials Pty Ltd
Attention: Martin Gear - Project Manager Aggregates
Job Location: East Guyong Quarry, Mitchell Highway, East Guyong NSW
Report Date: Friday 7 June 2013 Test Date: Wednesday 5 June 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 cutting and filling works in the Infrastructure Area on the East Guyong Quarry Site					
3087	Field Blank	-	-	0.0/100	-
2137A	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	0740 – 1430	1.00	0.0/100	< 0.01
2119A	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	0743 – 1436	1.00	0.0/100	< 0.01
2101	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0746 - 1438	1.00	0.0/100	< 0.01
3065	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0750 - 1441	1.00	0.0/100	< 0.01
1243	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0840 - 1508	1.00	0.0/100	< 0.01
3077	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0845 – 1511	1.00	0.0/100	< 0.01
3090	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0910 - 1552	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
3015	Location N1 – Northern Boundary Fence of Infrastructure Area	0912 - 1458	1.00	0.0/100	< 0.01
3024	Location N2 – Western Boundary Fence of Infrastructure Area	0849 - 1514	1.00	0.0/100	< 0.01
1226	Location N3 – Eastern Boundary Fence of Infrastructure Area	0905 - 1446	1.00	0.0/100	< 0.01
1005	Location N4 – Southern Boundary Fence of Infrastructure Area	0854 – 1517	1.00	0.5/100	< 0.01
2170	Location N5 – Lunch Shed, Adjacent to New Access Road – On bench	0858 - 1521	1.00	0.0/100	< 0.01
Exposure monitoring during cutting and filling works in IA					
2106	Excavator Operator (PC350 Excavator) – John Willis (EODO)	0937 - 1530	1.50	3.5/100	< 0.01



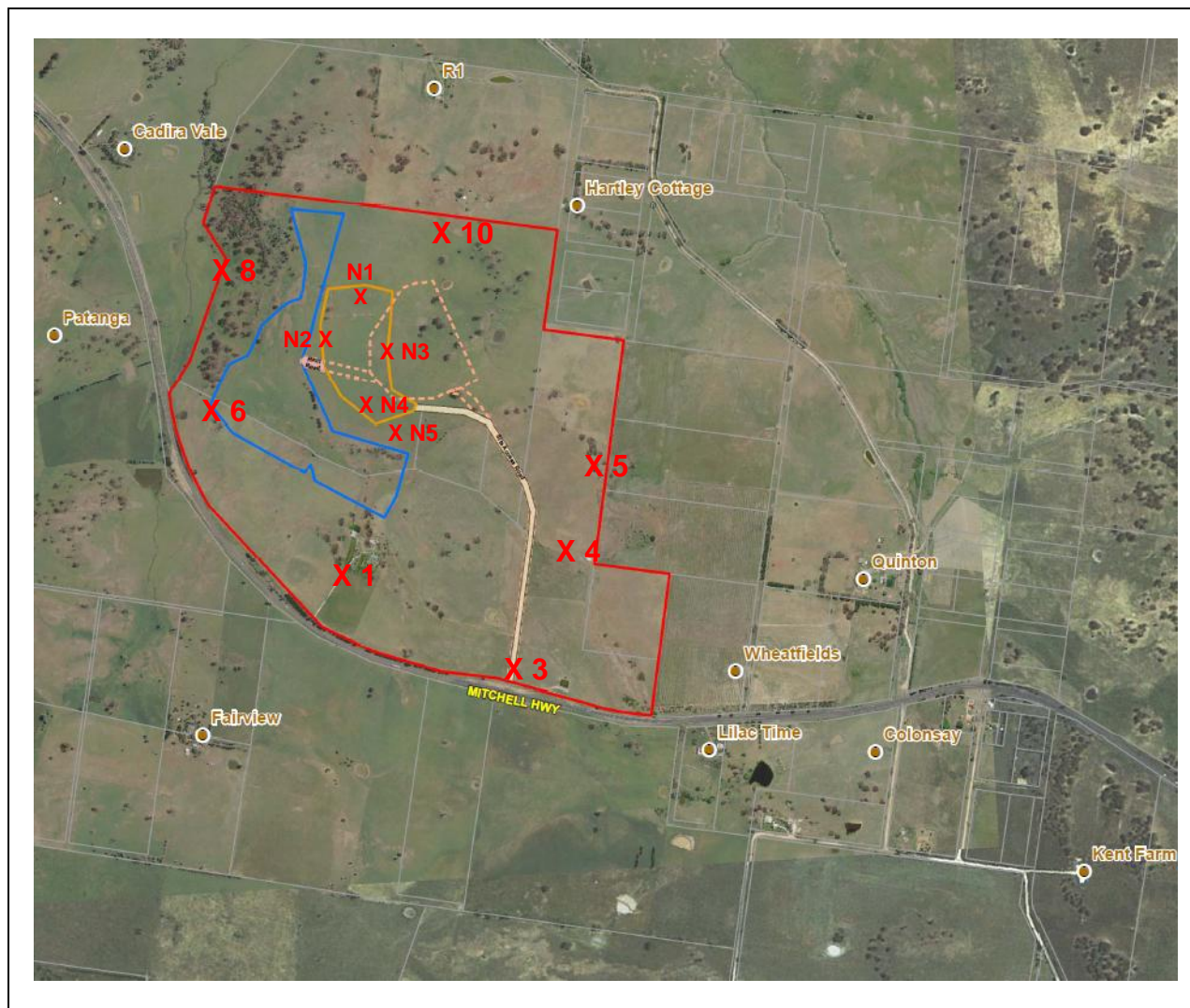
APPROVED COUNTER & SIGNATORY:
SIMON BUTTERFIELD



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

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Figure 1 – Air Monitoring Location



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

Monitoring Date: 5th June 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:	709,216mE ; 6301,522mN
Location 3:	709,601mE ; 6300,370mN	Location N2:	709,069mE ; 6301,151mN
Location 4:	709,729mE ; 6300,716mN	Location N3:	709,396mE ; 6301,242mN
Location 5:	709,870mE ; 6300,905mN	Location N4:	709,224mE ; 6301,033mN
Location 6:	708,803mE ; 6301,185mN	Location N5:	709,340mE ; 6301,063mN
Location 8:	708,824mE ; 6301,587mN		
Location 10:	709,465mE ; 6301,633mN		

Weather Conditions*

General	Mostly Cloudy	Wind Direction	Northerly
Rainfall	0 mm	Wind Speed	5 – 20 km/h

* East Guyong Quarry Weather Station