



A GREENCAP
CONSULTING COMPANY

Risk Management Services

NOEL ARNOLD & ASSOCIATES PTY LTD
A.C.N. 006 318 010 A.B.N. 75 006 318 010
Level 2, 11 Khartoum Road,
North Ryde, NSW 2113 Australia
Phone: (02) 9889 1800
Fax: (02) 9889 1811
Email: sydney@noel-arnold.com.au
www.noel-arnold.com.au

ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804 045-20130227

Client: Hanson Construction Materials Pty Ltd

Attention: Martin Gear - Project Manager Aggregates

Job Location: East Guyong Quarry, Mitchell Highway, East Guyong NSW

Report Date: Wednesday 27 February 2013

Test Date: Wednesday 27 February 2013

Sampling Procedure: Control

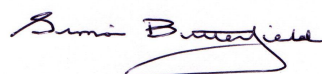
Sampled By: Pumps On: SB

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 excavation works in the NW section of the Infrastructure Area (IA) and construction of the earth bund wall on the eastern side of the IA on the East Guyong Quarry Site					
2002	Field Blank	-	-	0.0/100	-
2007	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	0750 – 1635	1.00	2.0/100	< 0.01
2000	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 – 1538	1.00	0.0/100	< 0.01
2027	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0805 – 1540	1.00	0.0/100	< 0.01
625	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0815 – 1542	1.00	0.0/100	< 0.01
1090	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0829 – 1552	1.00	0.0/100	< 0.01
2235	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0834 – 1600	1.00	0.0/100	< 0.01
845	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0824 – 1606	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
908	Location N1 – South of Work Area (NW section of Infrastructure Area) – On fence post	0842 – 1614	1.00	0.0/100	< 0.01
2065	Location N2 – West of Work Area (NW section of Infrastructure Area) – On barbed wire fence	0848 – 1617	1.00	0.0/100	< 0.01
2234	Location N3 – North of Work Area (NW section of Infrastructure Area) – On barbed wire fence	0853 – 1608	1.00	1.0/100	< 0.01
2001	Location N4 – East of Work Area (NW section of Infrastructure Area) – On fence post	0914 – 1611	1.00	0.0/100	< 0.01
2228	Location N5 – South East of Earth Bund Wall (Eastern Perimeter Fence of Infrastructure Area) – On barbed wire fence	0919 – 1626	1.00	0.0/100	< 0.01
2220	Location N6 – North East of Earth Bund Wall (Eastern Perimeter Fence of Infrastructure Area) – On barbed wire fence	0923 – 1625	1.00	0.0/100	< 0.01
2240	Location N7 – Southern Side of Mitchell Highway, Site Compound, Lunch Shed	0755 – 1535	1.00	0.0/100	< 0.01
Exposure monitoring during excavation and bund wall construction works					
331	John Willis – Excavator Operator (EODO) (Infrastructure Area)	0859 – 1620	1.00	1.0/100	< 0.01
2198	Patrick Collins – Articulated Dump Truck Operator (EODO) (Infrastructure Area)	0903 – 1622	1.00	0.0/100	< 0.01



APPROVED COUNTER AND SIGNATORY :
SIMON BUTTERFIELD

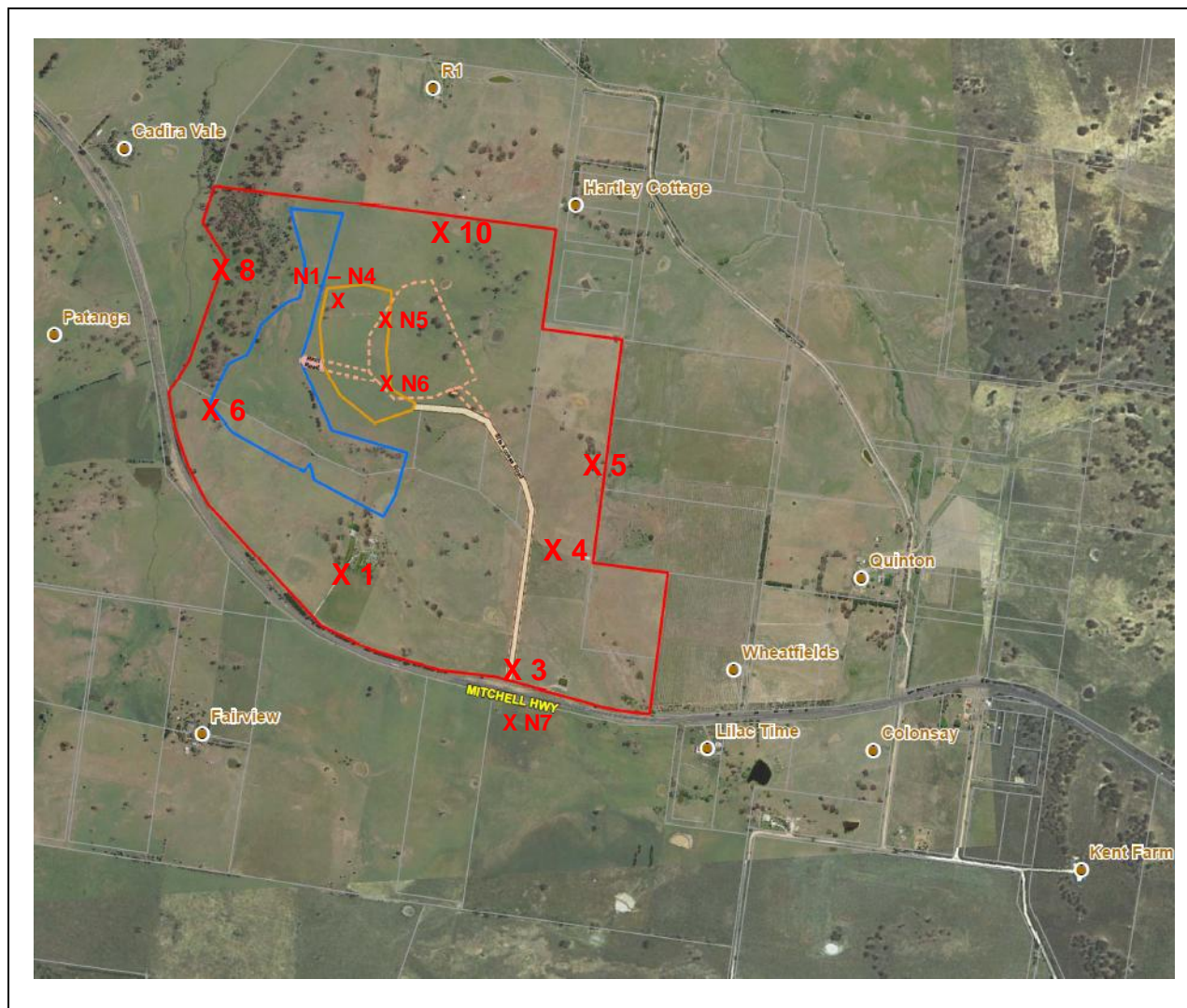


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Figure 1 – Air Monitoring Location



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

Monitoring Date: 27th February 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:	709,167mE ; 6301,273mN
Location 3:	709,601mE ; 6300,370mN	Location N2:	709,044mE ; 6301,378mN
Location 4:	709,729mE ; 6300,716mN	Location N3:	709,124mE ; 6301,515mN
Location 5:	709,870mE ; 6300,905mN	Location N4:	709,704mE ; 6301,379mN
Location 6:	708,803mE ; 6301,185mN	Location N5:	709,399mE ; 6301,235mN
Location 8:	708,824mE ; 6301,587mN	Location N6:	709,355mE ; 6301,438mN
Location 10:	709,465mE ; 6301,633mN	Location N7:	709,543mE ; 6300,275mN

Weather Conditions*

<i>General</i>	Overcast	<i>Wind Direction</i>	Mostly North-West
<i>Rainfall</i>	0.4 mm	<i>Wind Speed</i>	7 – 24 km/h

* East Guyong Quarry Weather Station