



A GREENCAP  
CONSULTING COMPANY

# Risk Management Services

NOEL ARNOLD & ASSOCIATES PTY LTD  
A.C.N. 006 318 010 ABN. 76 006 318 010  
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

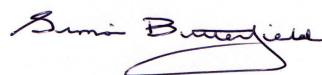
## ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804 046-20130228  
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 28 February 2013 Test Date: Thursday 28 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, 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 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					
241	Field Blank	-	-	0.0/100	-
345	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	0735 – 1225	1.50	0.0/100	< 0.01
743	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	0738 – 1218	1.50	0.0/100	< 0.01
823	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0740 – 1230	1.50	0.0/100	< 0.01
1032	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0743 – 1232	1.50	0.0/100	< 0.01
473	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0812 – 1240	1.50	0.0/100	< 0.01
411	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0818 – 1251	1.50	1.0/100	< 0.01
2140A	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0758 – 1300	1.50	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
2023	Location N1 – South of Work Area (NW section of Infrastructure Area) – On fence post	0746 – 1252	1.50	0.0/100	< 0.01
934A	Location N2 – West of Work Area (NW section of Infrastructure Area) – On barbed wire fence	0749 – 1255	1.50	0.0/100	< 0.01
614	Location N3 – North of Work Area (NW section of Infrastructure Area) – On barbed wire fence	0755 – 1303	1.50	0.0/100	< 0.01
689	Location N4 – East of Work Area (NW section of Infrastructure Area) – On fence post	0752 – 1257	1.50	1.0/100	< 0.01
2160	Location N5 – South East of Earth Bund Wall (Eastern Perimeter Fence of Infrastructure Area) – On barbed wire fence	0802 – 1312	1.50	0.0/100	< 0.01
2206	Location N6 – North East of Earth Bund Wall (Eastern Perimeter Fence of Infrastructure Area) – On barbed wire fence	0805 – 1314	1.50	0.0/100	< 0.01
Exposure monitoring during excavation and bund wall construction works					
2111	John Willis – Excavator Operator (EODO) (Infrastructure Area)	0827 – 1306	1.00	3.0/100	< 0.01



APPROVED COUNTER AND SIGNATORY :  
SIMON BUTTERFIELD

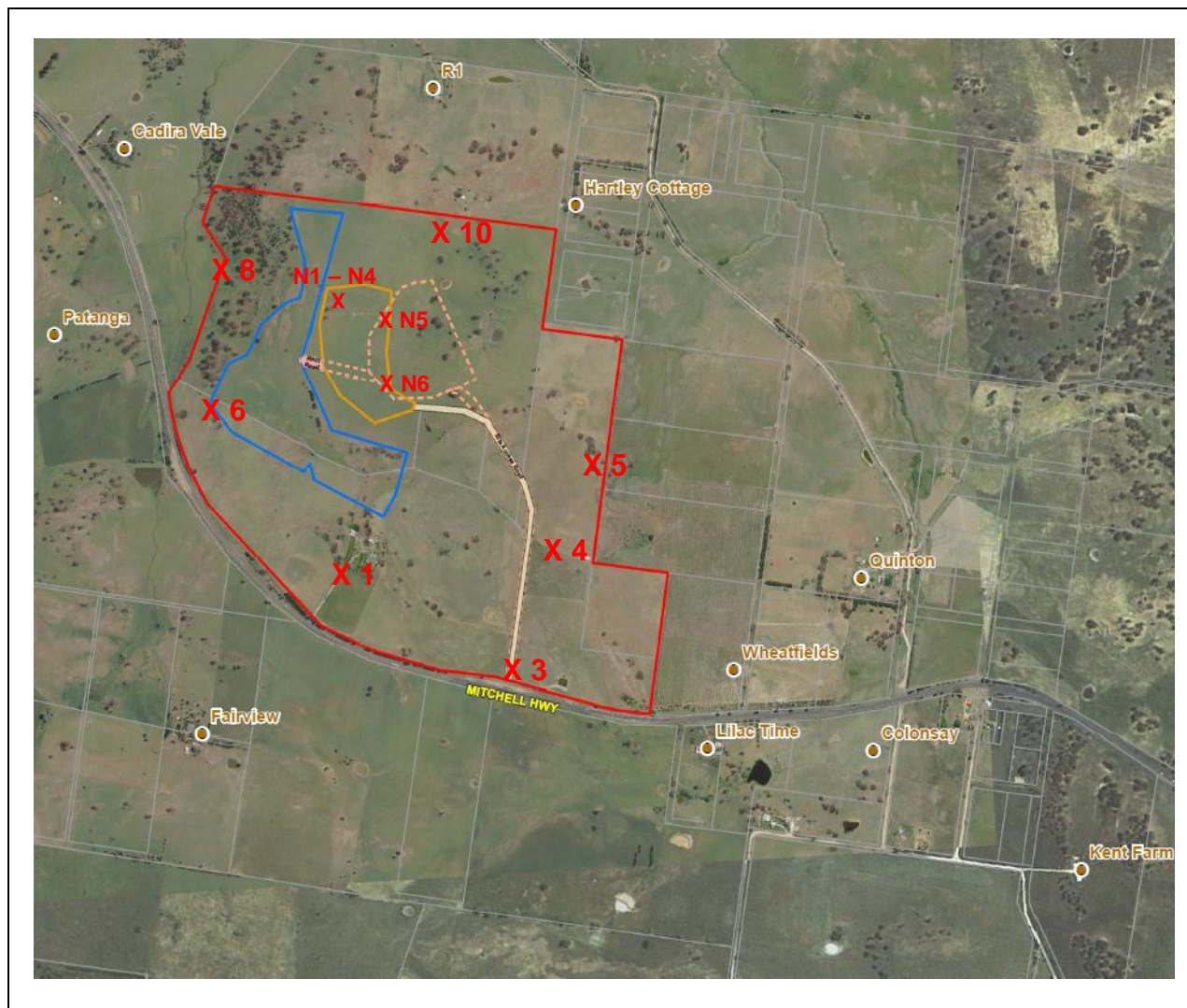


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Corporate Site No. 5450, Site No. 3402 Sydney Laboratory.

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Figure 1 – Air Monitoring Location



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

Monitoring Date: 28<sup>th</sup> 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		

**Weather Conditions\***

<i>General</i>	Overcast	<i>Wind Direction</i>	North - NNW
<i>Rainfall</i>	0.0 mm	<i>Wind Speed</i>	21 – 35 km/h

\* East Guyong Quarry Weather Station