



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](mailto:sydney@noel-arnold.com.au)  
[www.noel-arnold.com.au](http://www.noel-arnold.com.au)

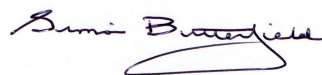
## ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804 038-20130218  
Client: Hanson Construction Materials Pty Ltd  
Attention: Martin Gear - Project Manager Aggregates  
Job Location: East Guyong Quarry, Mitchell Highway, East Guyong NSW  
Report Date: Monday 18 February 2013 Test Date: Monday 18 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 construction works (excavation & filling) for the new access road on the East Guyong Quarry Site					
2224	Field Blank	-	-	0.0/100	-
230	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	0945 – 1538	1.20	0.0/100	< 0.01
2035	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	0958 – 1547	1.20	1.0/100	< 0.01
2185	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	1004 – 1605	1.20	0.0/100	< 0.01
2242	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	1008 – 1609	1.20	0.0/100	< 0.01
1310	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	1045 – 1655	1.20	0.0/100	< 0.01
2180	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	1050 – 1702	1.20	0.0/100	< 0.01
2134A	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	1034 – 1643	1.20	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
2210	Location N1 – North of Work Area, (approx. 15 metres north of new access road) – On fencing post	1025 – 1635	1.20	0.0/100	< 0.01
1000	Location N2 – West of Work Area (approx. 15 metres west of new access road) – On barbed wire fence	1029 – 1617	1.20	0.0/100	< 0.01
2105	Location N3 – East of Work Area (approx. 15 metres east of new access road) – On barbed wire fence	1021 – 1625	1.20	0.0/100	< 0.01
446	Location N4 – South of Work Area (south end of new access road) – On barbed wire fence	0956 – 1544	1.20	0.0/100	< 0.01
1015	Location N5 – Southern Side of Mitchell Highway, Site Compound, Lunch Shed	1000 – 1550	1.20	2.0/100	< 0.01
Exposure monitoring during excavation and filling works					
304	Marty Rookyard – Excavator Operator (EODO) (for new access road)	1015 – 1627	1.20	1.0/100	< 0.01
2105A	Bree Fradon – Grader Operator (EODO) (for new access road & southern side of Mitchell Highway)	0952 – 1600	1.20	5.0/100	< 0.01



APPROVED COUNTER AND SIGNATORY :  
SIMON BUTTERFIELD

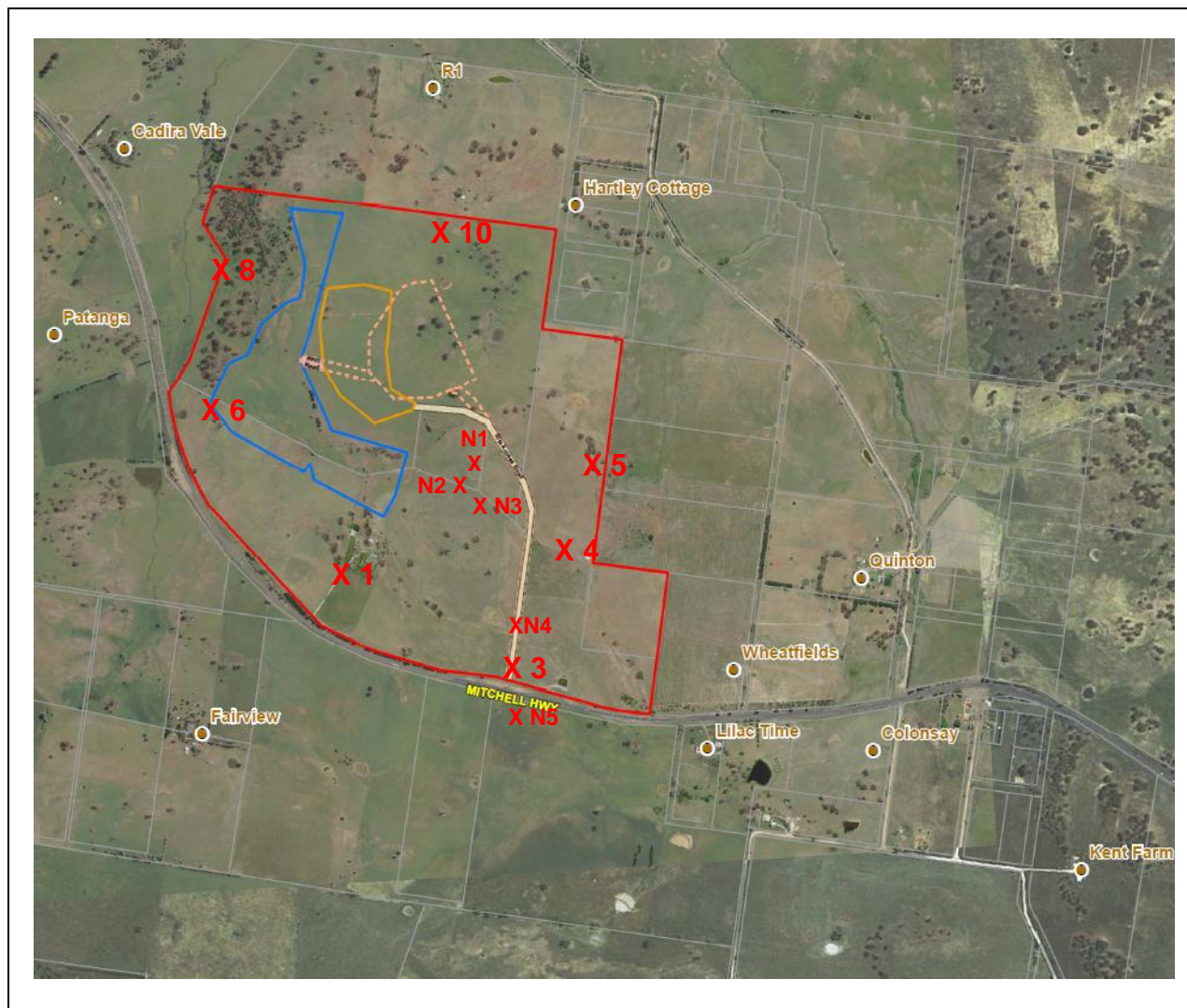


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Figure 1 – Air Monitoring Location



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

Monitoring Date: 18<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:	709,360mE ; 6301,148mN
Location 3:	709,601mE ; 6300,370mN	Location N2:	709,380mE ; 6301,018mN
Location 4:	709,729mE ; 6300,716mN	Location N3:	709,446mE ; 6301,075mN
Location 5:	709,870mE ; 6300,905mN	Location N4:	709,621mE ; 6300,504mN
Location 6:	708,803mE ; 6301,185mN	Location N5:	709,543mE ; 6300,275mN
Location 8:	708,824mE ; 6301,587mN		
Location 10:	709,465mE ; 6301,633mN		

**Weather Conditions\***

General	Fine - Cloudy	Wind Direction	Mostly North-east
Rainfall	0.0 mm	Wind Speed	4 – 25 km/h

\* East Guyong Quarry Weather Station