



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:J111804.195-20140729

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 1<sup>st</sup> August 2014

Test Date: Tuesday 29<sup>th</sup> July 2014

Sampling Procedure: Control

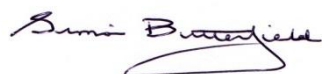
Sampled By: Pumps On: Pere Riini (Hanson)  
Pumps Off: Pere Riini (Hanson)

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 earthworks in the Infrastructure Area on the East Guyong Quarry Site					
CL 204869	Field Blank	-	-	0.0/100	-
CL 204775	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	0730 – 1421	1.00	0.0/100	< 0.01
CL 181097	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	0734 – 1424	1.00	1.0/100	< 0.01
CL 204646	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0737 – 1427	1.00	0.0/100	< 0.01
CL 204784	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0741 – 1431	1.00	0.0/100	< 0.01
CL 204772	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0747 – 1436	1.00	0.0/100	< 0.01
CL 204675	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0750 – 1440	1.00	0.0/100	< 0.01
CL 204753	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0755 – 1446	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
CL 204881	Northern Boundary Fence of Infrastructure Area - GPS 0709211 - 6301528	0759 - 1449	1.00	0.0/100	< 0.01
CL 204742	Eastern Boundary Fence of Infrastructure Area - GPS 0709396 - 6301245	0804 - 1452	1.00	1.0/100	< 0.01
CL 204758	Southern Boundary Fence of Infrastructure Area - GPS 0709208 - 6301040	0808 - 1457	1.00	0.0/100	< 0.01
CL 205476	Western Boundary Fence of Infrastructure Area - GPS 0709035 - 6301323	0813 - 1502	1.00	0.0/100	< 0.01
CL 204878	Primary Contractor Site Crib Room (EODO)	0817 - 1508	1.00	1.0/100	< 0.01

Note: Pere Rini of Hanson Construction Materials Pty Ltd has been formally trained as a third party for volume measurement. Noel Arnold & Associates Pty Ltd assume responsibility for the data collected.



APPROVED COUNTER & SIGNATORY:

SIMON BUTTERFIELD



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

This document shall not be reproduced, except  
in full.

Figure 1 – Air Monitoring Location



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

Monitoring Date: 29<sup>th</sup> July 2014

**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:	709,211mE ; 6301,528mN
Location 3:	709,601mE ; 6300,370mN	Location N2:	709,035mE ; 6301,323mN
Location 4:	709,729mE ; 6300,716mN	Location N3:	709,396mE ; 6301,245mN
Location 5:	709,870mE ; 6300,905mN	Location N4:	709,208mE ; 6301,040mN
Location 6:	708,803mE ; 6301,185mN		
Location 8:	708,824mE ; 6301,587mN		
Location 10:	709,465mE ; 6301,633mN		

**Weather Conditions\***

<i>General</i>	Overcast - Fine	<i>Wind Direction</i>	Mostly North West - WNW
<i>Rainfall</i>	0 mm	<i>Wind Speed</i>	8 – 45 km/h

\* East Guyong Quarry Weather Station