

NOEL ARNOLD & ASSOCIATES PTY LTD A.C.N. 006 318 010 A.B.N. 76 006 318 010 Level 2, 11 Khartoum Road, North Ryde, NSW 2113 Australia Phone: (02) 9889 1800

(02) 9889 1811 Email: sydney@noel-arnold.com.au

www.noel-arnold.com.au

ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref:

C107605:J111804.006-20120724

Client:

Hanson Construction Materials Pty Ltd

Attention:

Martin Gear - Project Manager Aggregates

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

Report Date: Tuesday 24 July 2012

Test Date:

Tuesday 24 July 2012

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 investigative drilling works								
1208	Field Blank	_	_	0.0/100				
1209	Location 1 – Near Southern Boundary of Site, Access Road to Residence (No.3472) off Mitchell Highway, approx. 120 metres north of south site boundary	0725 – 1606	1.00	1.0/100	< 0.01			
2163	Location 3 – Near Southern Boundary (SE Corner) of Site, Access Road Entry (No.3410) off Mitchell Highway, approx. 20 metres from south site boundary	0705 – 1554	1.00	0.0/100	< 0.01			
1338	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres west of shed, On Access Road	0711 – 1557	1.00	0.0/100	< 0.01			
663	Location 5 – Near Eastern Boundary (near centre) of Site, approx. 50 metres west of east site boundary	0716 – 1600	1.00	0.0/100	< 0.01			
805	Location 6 – Western Boundary of Proposed Quarry Pit (near western site boundary)	0726 – 1612	1.00	0.0/100	< 0.01			
918A	Location 8 – Western Boundary (near NW corner) of Site	0744 – 1622	1.00	0.0/100	< 0.01			
2115	Location 10 – Near Northern Boundary of Site (near NE corner site)	0756 – 1633	1.00	0.0/100	< 0.01			
719	On Drilling Rig Trailer (Colling Exploration)	0905 – 1715	1.00	0.0/100	< 0.01			
Personal (exposure) monitoring during investigative drilling works								
646A	Sid Colling – Drilling Operator Colling Exploration	0828 – 1209	2.00	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
1222	Andrew Shiells – Sample Handler Rangott Mineral Exploration	0831 – 1213	2.00	1.0/100	< 0.01
731	Sid Colling – Drilling Operator Colling Exploration	1210 – 1717	2.00	1.0/100	< 0.01
2135A	Andrew Shiells – Sample Handler Rangott Mineral Exploration	1214 – 1712	2.00	1.0/100	< 0.01

Sumi Bruenfield

APPROVED COUNTER AND SIGNATORY: SIMON BUTTERFIELD



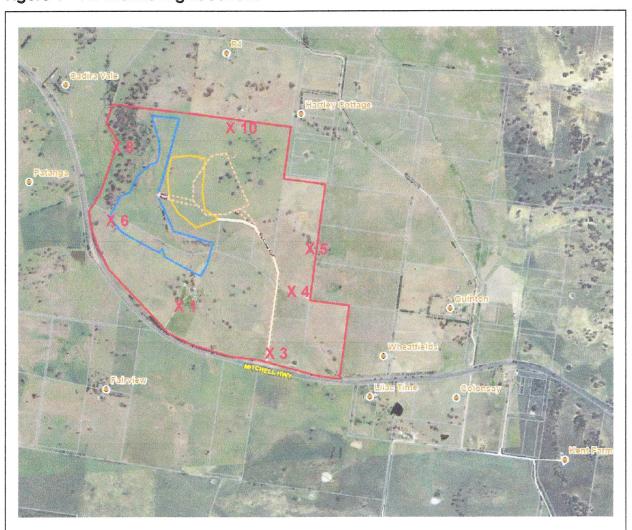
This document is issued in accordance with NATA's accreditation requirements.

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 Locations



Air Monitoring Sampling Plan East Guyong Quarry Site

Monitoring Date: 24 July 2012

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 6:
 708,803mE; 6301,185mN

 Location 3:
 709,597mE; 6300,363mN
 Location 8:
 708,824mE; 6301,587mN

 Location 4:
 709,729mE; 6300,716mN
 Location 10:
 709,465mE; 6301,633mN

 Location 5:
 709,870mE; 6300,905mN

Weather Conditions*

GeneralMostly fine and partly cloudyWind DirectionENE to NERainfall0 mmWind Speed5.3 – 23.1 km/h

^{*} East Guyong Quarry Weather Station