

Greencap - NAA Pty Ltd ABN: 76 006 318 010 Level 2 / 11 Khartoum Road North Ryde NSW 2113 Australia P: (02) 9889 1800 F: (02) 9889 1811

www.greencap.com.au

Asbestos Fibre Air Monitoring Report

Our Ref: C107605:SO2001094.002-20160201
Client: Hanson Construction Materials Pty Ltd

Client Address: Locked Bag 5260

Parramatta NSW 2124

Attention: Pere Riini - Quarry Manager

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

Report Date: Tuesday 9th February 2016
Test Date: Monday 1st February 2016

Sampling Type: 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, 2nd Edition, 2005 [NOHSC:3003: (2005)] – Refer 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			
Background asbestos air monitoring throughout various locations across the site								
G1553249	Field Blank	-	_	0.0/100	-			
G1553299	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	0752 – 1501	1.00	0.0/100	< 0.01			
G1553184	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	0759 – 1506	1.00	0.0/100	< 0.01			
G1553348	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0808 – 1511	1.00	0.0/100	< 0.01			
G1553173	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0814 – 1515	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
G1553262	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0819 – 1521	1.00	0.0/100	< 0.01
C0028312	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0823 – 1526	1.00	0.0/100	< 0.01
C0028074	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0830 – 1533	1.00	0.0/100	< 0.01

Note: Pere Riini of Hanson Construction Materials Pty Ltd has been formally trained as a third party for volume measurement. Greencap – NAA Pty Ltd assume responsibility for the data collected.



Approved Counter: Simon Day



Approved Signatory: Simon Day



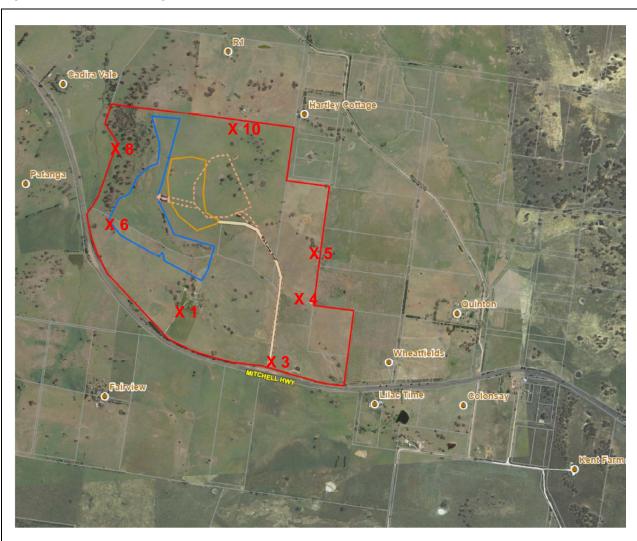
This document shall not be reproduced, except in full.

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

The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.



Figure 1 – Air Monitoring Location



Legend Air Monitoring Sampling Plan Air monitoring locations East Guyong Quarry Site **Project Boundary** Monitoring Date: **Quarry Boundary** Monday 1st February 2016 Infrastructure Area Boundary Air Monitoring Location Coordinates Location 1: 709,104mE; 6300,660mN Location 6: 708,803mE; 6301,185mN Location 3: 709,601mE; 6300,370mN Location 8: 708,824mE; 6301,587mN Location 4: 709,729mE; 6300,716mN Location 10: 709,465mE; 6301,633mN 709,870mE; 6300,905mN Location 5: Weather Conditions General Fine/Overcast Wind Direction

Wind Speed

Rainfall