

Asbestos Fibre Air Monitoring Report

Our Ref: C107605:SO2003945.002-20161201
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, 6 December 2016
Analysis Date: Tuesday, 6 December 2016
Monitoring Date: Thursday, 1 December 2016
Sampling Type: Control
Sampled By: **Pumps On:** Pere Riini (Hanson) **Pumps Off:** Pere Riini (Hanson)
Location of Analysis: North Ryde Laboratory

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)] and as described in supplementary work instruction in-house method NALAB 301.

Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/mL
C0009 64058	Field Blank	–	–	0.0/100	–
Asbestos background - Background asbestos air monitoring throughout various locations across the site					
C0009 64069	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	0715 – 1415	1.00	0.0/100	< 0.01
C0009 64037	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	0719 – 1421	1.00	0.0/100	< 0.01
C0009 64073	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0725 – 1426	1.00	0.0/100	< 0.01
C0009 64020	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0731 – 1432	1.00	0.0/100	< 0.01
C0009 64092	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0740 – 1439	1.00	0.0/100	< 0.01
C0009 64097	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0748 – 1445	1.00	1.0/100	< 0.01
C0009 64096	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0755 – 1453	1.00	1.0/100	< 0.01

Note: In accordance with p26 of NOHSC 3003 (2005), if the fibre count is less than 10 fibres/100 graticule areas, then the count is not considered significantly above that of background.

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: Holly Cox



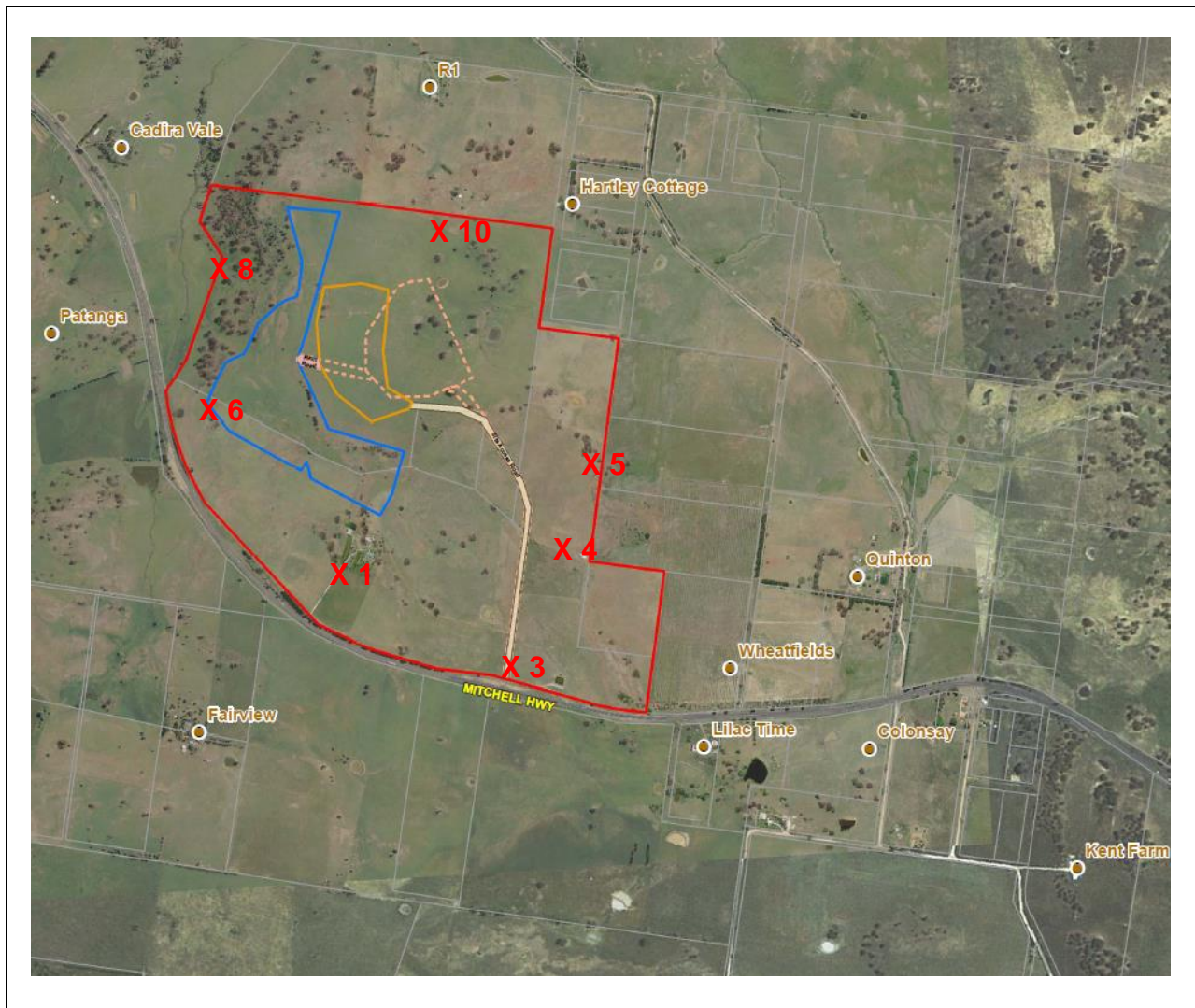
Approved Signatory: Holly Cox



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

Figure 1 – Air Monitoring Location



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

**Monitoring Date:
Thursday 1st December 2016**

Legend

- X 1** Air monitoring locations
- Project Boundary
- Quarry Boundary
- 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
Location 5:	709,870mE ; 6300,905mN		

Weather Conditions

General	Fine	Wind Direction
Rainfall		Wind Speed