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Asbestos Fibre Air Sampling & Analysis Report

Our Ref: C107605:SO2010154.001 2019-03-29
Client: Hanson Construction Materials Pty Ltd
Client Address: Locked Bag 5260, Parramatta NSW 2124

Attention: Pere Riini - Quarry Manager

Job Location: East Guyong Quarry, 3410 Mitchell Highway, East Guyong NSW 2798

Report Date: Wednesday, 10 April 2019
Analysis Date: Monday, 8 April 2019
Sampling Date: Friday, 29 March 2019

Sampling Type: Control

Sampled By: Start: Pere Riini (Hanson) Finish: Pere Riini (Hanson)

Location of Analysis: Base laboratory - Level 2, 11 Khartoum Road, North Ryde NSW 2113

Licenced Asbestos Removal Contractor: N/A Notification No: N/A

Method: Sampling and analysis conducted 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 LAB03.

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Sample Filter No.	Test Type Sample Location	Sample Time Start-Finish	Sampling Rate (avg) (L/min)	Fibres/ Fields	Result(s) Fibres/mL		
C005078714	Field Blank (25 mm)	_	1	0.0/100	_		
Asbestos background – air monitoring throughout various locations across the site							
C006212363	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	0645 – 1455	1.00	0.0/100	<0.01		
C005078675	Location 2 – 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	0652 – 1507	1.00	0.0/100	<0.01		
C005078681	Location 3 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0659 – 1516	1.00	1.0/100	<0.01		
C005078597	Location 4 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0711 – 1522	1.00	3.0/100	<0.01		
C005078757	Location 5 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0720 – 1533	1.00	1.0/100	<0.01		

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Sample Filter No.	Test Type Sample Location	Sample Time Start-Finish	Sampling Rate (avg) (L/min)	Fibres/ Fields	Result(s) Fibres/mL
C005078856	Location 6 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0728 – 1540	1.00	1.0/100	<0.01
C005078789	Location 7 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0736 – 1551	1.00	0.0/100	<0.01
C005078755	Personal Monitor – S. Lane HD 325, Δ/T	0747 – 1559	1.00	0.0/100	<0.01

Note: In accordance with page 26 of NOHSC 3003 (2005), if the fibre count is less than 10 fibres/100 graticule areas (fields), then the count is not considered significantly above that of background.

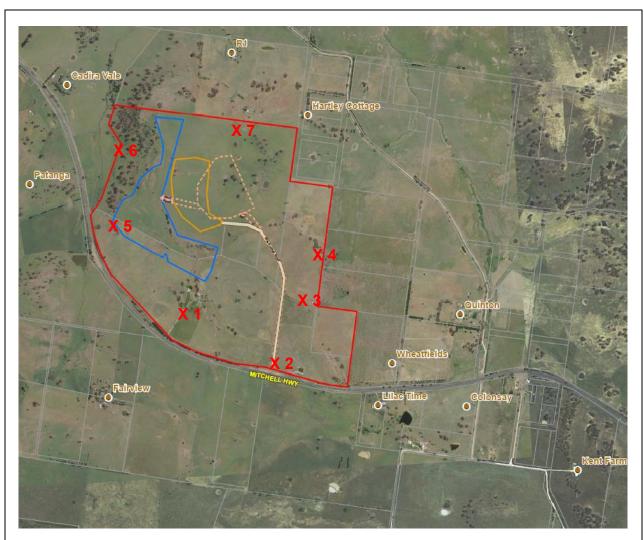
Note: Pere Riini of Hanson Construction Materials Pty Ltd has been formally trained by Simon Butterfield of Greencap Pty Ltd as a third party for volume measurement. Greencap Pty Ltd assume responsibility for the data collected.

Approved Counter: Vanesa Aguasa

Approved Signatory: David Hood



Figure 1 – Air Monitoring Locations



Legend **Air Monitoring Sampling Plan** Air monitoring locations **East Guyong Quarry Site Project Boundary Monitoring Date: Quarry Boundary** Friday 29th March 2019 Infrastructure Area Boundary **Air Monitoring Location Coordinates** Location 1: 709,104mE; 6300,660mN Location 5: 708,803mE; 6301,185mN Location 2: 709,601mE; 6300,370mN Location 6: 708,824mE; 6301,587mN 709,729mE; 6300,716mN 709,465mE; 6301,633mN Location 3: Location 7: Location 4: 709,870mE; 6300,905mN **Weather Conditions** Fine - Overcast Wind Direction General Rainfall Wind Speed