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Asbestos Fibre Air Sampling & Analysis Report

Our Ref: C107605:SO2009256.002 2018-12-03 **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: Tuesday, 11 December 2018 **Analysis Date:** Monday, 10 December 2018 **Sampling Date:** Monday, 3 December 2018

Sampling Type: Control

Sampled By: Start: Pere Riini (Hanson) Finish: Pere Riini (Hanson) Base laboratory - Level 2, 11 Khartoum Road, North Ryde NSW 2113 **Location of Analysis:**

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

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 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		
C005079009	Field Blank	_	_	0.0/100	-		
Asbestos background - air monitoring throughout various locations across the site							
C005079020	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	0631 – 1449	1.00	0.0/100	< 0.01		
C005079070	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	0642 – 1438	1.00	0.0/100	< 0.01		
C005078966	Location 3 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0649 – 1503	1.00	1.0/100	< 0.01		
C005079293	Location 4 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0658 – 1512	1.00	1.0/100	< 0.01		
C005079021	Location 5 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0711 – 1520	1.00	0.0/100	< 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
C006124012	Location 6 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0718 – 1530	1.00	0.0/100	< 0.01
C005078970	Location 7 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0729 – 1538	1.00	0.0/100	< 0.01
C005079245	Personal Monitor – PC450 Excavator – R. Chapman	0738 – 1546	1.00	0.0/100	< 0.01

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

Approved Counter: Lulu Scott

Approved Signatory: Lulu Scott



Figure 1 – Air Monitoring Location



Legend **Air Monitoring Sampling Plan** Air monitoring locations **East Guyong Quarry Site Project Boundary Monitoring Date: Quarry Boundary** Monday 3rd December 2018 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** Wind Direction General Fine Rainfall Wind Speed