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Asbestos Fibre Air Sampling & Analysis Report

Our Ref: C107605:J176302.001_AFM_East_Guyong_Quarry_20211217

Client: Hanson Construction Materials Pty Ltd
Client Address: Locked Bag 5260, Parramatta NSW 2124

Attention: Chris Cooke – Quarry Manager

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

Report Date: Friday, 17 December 2021
Analysis Date: Friday, 17 December 2021
Sampling Date: Friday, 17 December 2021

Sampling Type: Control (Static)

Sampled By: Start: Simon Day Finish: Simon Day

Location of Analysis: Field laboratory - East Guyong Quarry, 3410 Mitchell Highway, East Guyong NSW 2798

(Customer Service Manager office)

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

Method: Sample collection 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	Sampling Period Start-Finish	Sampling Rate (avg) (L/min)	Fibres/ Fields	Result(s) Fibres/ mL
27015	Field Blank (25 mm)	_	_	0.0/100	_
26654	Field Lab - Site Office, Customer Service Mgr office – On desk	0756 – 1347	1.50	3.5/100	< 0.01
Background asbestos fibre air monitoring throughout various locations across the site.					
26682	Location 1 – Near Southern Boundary of Site, Access road to residence (No.3472) off Mitchell Hwy, approx. 120m North of South site boundary – On barbed wire fence	0653 – 1307	1.50	0.0/100	< 0.01
26996	Location 2 – Near Southern Boundary (South-east Corner) of site, Adj new access road entry (No. 3410) off Mitchell Hwy, approx. 30m of South site boundary – On barbed wire fence	0647 – 1304	1.50	0.0/100	< 0.01
26959	Location 3 – Near Eastern Boundary (near South-east Corner) of site, approx. 70 m West of shed, Access road – On barbed wire fence	0659 – 1311	1.50	0.0/100	< 0.01
26574	Location 4 – Near Eastern Boundary (near Centre) of site, approx. 50 m West of East site boundary – On fencing post	0703 – 1315	1.50	0.0/100	< 0.01
27035	Location 5 – Western Boundary of quarry pit (near Western site boundary) – On barbed wire fence	0725 – 1334	1.55	0.0/100	< 0.01
27007	Location 6 – Western Boundary (near Northwest Corner) of site – On barbed wire fence	0715 – 1330	1.45	1.0/100	< 0.01
26895	Location 7 – Near Northern Boundary of Site (near North-east corner site) – On fencing post	0733 – 1341	1.50	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: Simon Day

Asbestos Assessor Licence No. LAA001418

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Approved Signatory: Simon Day **Asbestos Assessor Licence No.** LAA001418



Figure 1 – Air Monitoring Locations



Legend **Air Monitoring Sampling Plan** Air monitoring locations **East Guyong Quarry Site Project Boundary Monitoring Date: Quarry Boundary** Friday 17th December 2021 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** General **Wind Direction** NE Cloudy early, then sunny Rainfall Wind Speed 18 km/h