

Asbestos Fibre Air Sampling & Analysis Report

Our Ref: C107605:J177344-02.001_AFM_East_Guyong_Quarry_20220928
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: Wednesday, 28 September 2022
Analysis Date: Wednesday, 28 September 2022
Sampling Date: Wednesday, 28 September 2022
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
 (Site Office, Training Room)

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
11916	Field Blank (25 mm)	–	–	0.0/100	–
11898	Field Lab - Site Office, Training Room, Main table – North end	1103 – 1341	3.00	1.0/100	< 0.01
Background asbestos fibre air monitoring throughout various locations across the site.					
11925	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	0829 – 1313	1.50	0.5/100	< 0.01
11915	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	0824 – 1309	1.50	0.0/100	< 0.01
11928	Location 3 – Near Eastern Boundary (near South-east Corner) of site, approx. 70 m West of shed, Access road – On barbed wire fence	0833 – 1317	1.50	2.5/100	< 0.01
11926	Location 4 – Near Eastern Boundary (near Centre) of site, approx. 50 m West of East site boundary – On fencing post	0835 – 1319	1.50	0.0/100	< 0.01
11927	Location 5 – South-eastern Boundary of quarry pit (near residence boundary) – On barbed wire fence	0841 – 1327	1.50	0.5/100	< 0.01
11929	Location 6 – Western Boundary of quarry pit (near Northwest Corner) of site – On sign	0845 – 1330	1.50	0.0/100	< 0.01
11914	Location 7 – Near Northern Boundary of Site (near North-east corner site) – On gate	0852 – 1336	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.

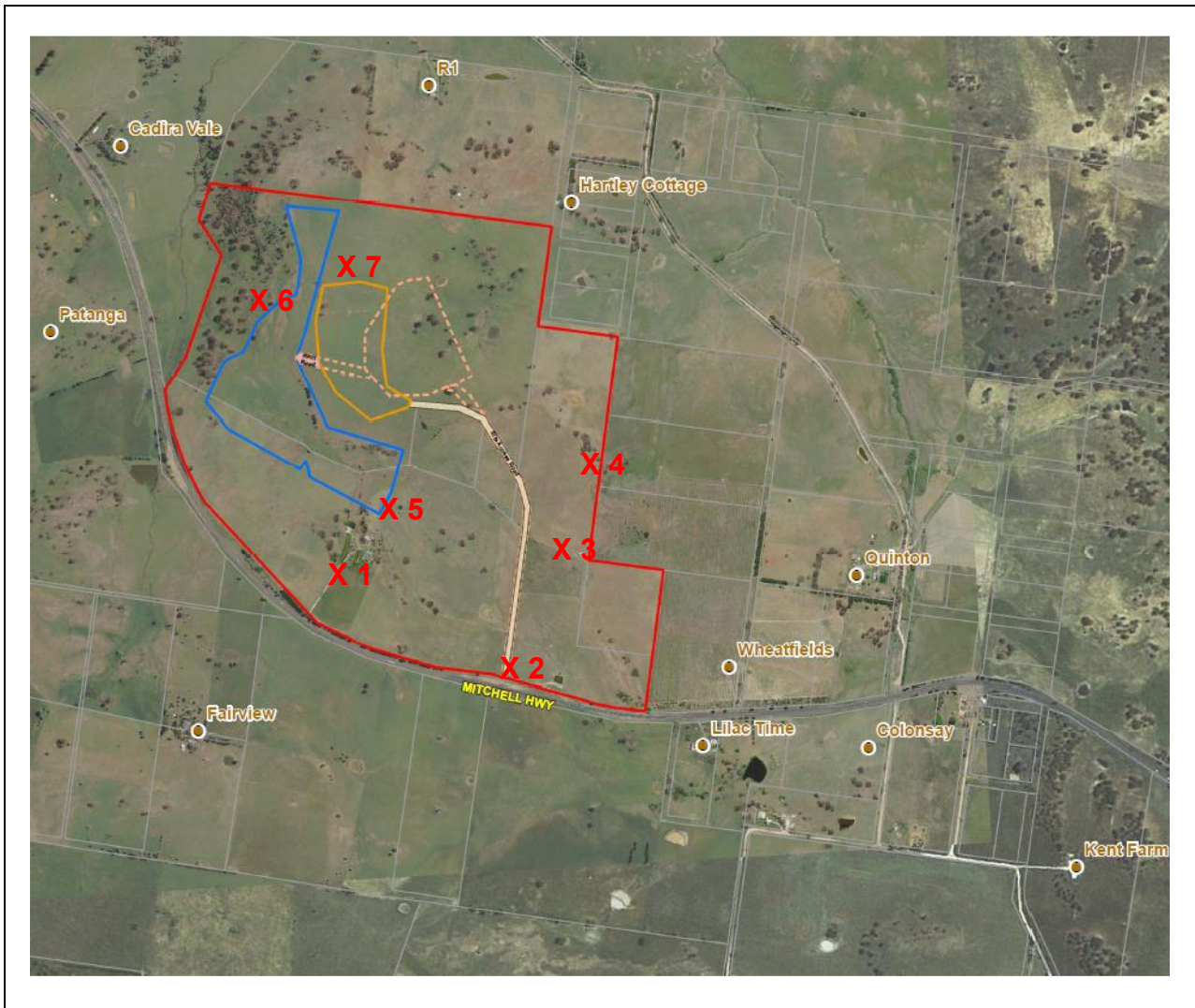


Approved Counter: Simon Day
Asbestos Assessor Licence No. LAA001418



Approved Signatory: Simon Day
Asbestos Assessor Licence No. LAA001418

Figure 1 – Air Monitoring Locations



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

**Monitoring Date:
Wednesday 28th September 2022**

Legend

- X 1** Air monitoring locations
- Project Boundary
- Quarry Boundary
- 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
Location 3:	709,729mE ; 6300,716mN	Location 7:	709,465mE ; 6301,633mN
Location 4:	709,870mE ; 6300,905mN		

Weather Conditions

General	Sunny morning, becoming cloudy, light train	Wind Direction	NW
Rainfall	Nil	Wind Speed	20 km/h