



A GREENCAP
CONSULTING COMPANY

Risk Management Services

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ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804.066-20130417

Client: Hanson Construction Materials Pty Ltd

Attention: Martin Gear - Project Manager Aggregates

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

Report Date: Tuesday 23 April 2013

Test Date: Wednesday 17 April 2013

Sampling Procedure: Control


Sampled By: Pumps On: Pere Riini (Hanson)
Pumps Off: Pere Riini (Hanson)

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)] – Refer NAA Internal Laboratory Test Method NALAB 301.*

Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/mL
Control static monitoring during excavation of the shot rock at the northern end of the new access road on the East Guyong Quarry Site					
1038	Field Blank	-	-	0.0/100	-
1389	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	0730 – 1535	1.00	0.0/100	< 0.01
2103	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	0734 – 1538	1.00	0.0/100	< 0.01
2270	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0737 - 1542	1.00	0.0/100	< 0.01
2186	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0740 - 1547	1.00	0.0/100	< 0.01
1360	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0746 - 1552	1.00	0.0/100	< 0.01
1328	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0750 – 1556	1.00	0.0/100	< 0.01
2244	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0800 - 1601	1.00	0.0/100	< 0.01

Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/mL
2160	Location N1 – North of Work Area, (north of new access road cutting) – On fencing post	0804 - 1606	1.00	0.0/100	< 0.01
2213	Location N2 – West of Work Area, (west of new access road cutting) – On barbed wire fence	0808 - 1610	1.00	0.0/100	< 0.01
2221	Location N3 – South of Work Area, (south of new access road cutting) – On fencing post	0815 - 1613	1.00	0.0/100	< 0.01
2181	Location N2 – West of Work Area, (west of new access road cutting) – On barbed wire fence	0818 - 1621	1.00	1.0/100	< 0.01

Note: Pere Riini of Hanson Construction Materials Pty Ltd has been formally trained as a third party for volume measurement. Noel Arnold & Associates Pty Ltd assume responsibility for the data collected.



APPROVED COUNTER & SIGNATORY:
SIMON BUTTERFIELD

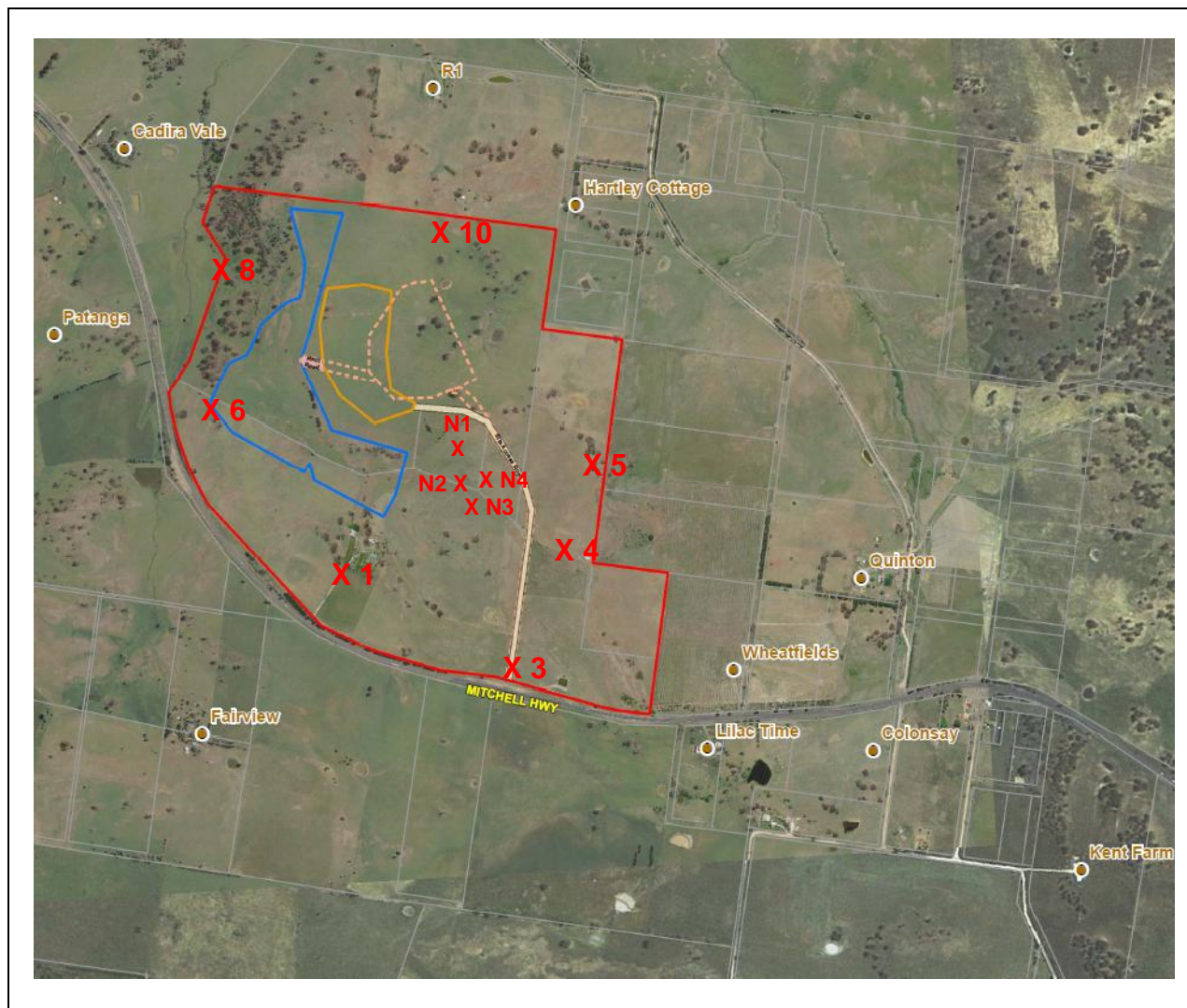


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Figure 1 – Air Monitoring Location



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

Monitoring Date: 17th April 2013

Legend

- X 1 Air monitoring locations
- Project Boundary
- Proposed Quarry Boundary
- Proposed Infrastructure Area Boundary

Air Monitoring Location Coordinates

Location 1:	709,104mE ; 6300,660mN	Location N1:	709,294mE ; 6301,193mN
Location 3:	709,601mE ; 6300,370mN	Location N2:	709,353mE ; 6300,994mN
Location 4:	709,729mE ; 6300,716mN	Location N3:	709,492mE ; 6300,925mN
Location 5:	709,870mE ; 6300,905mN	Location N4:	709,485mE ; 6301,012mN
Location 6:	708,803mE ; 6301,185mN		
Location 8:	708,824mE ; 6301,587mN		
Location 10:	709,465mE ; 6301,633mN		

Weather Conditions*

<i>General</i>	Overcast – Fine	<i>Wind Direction</i>	Mostly northerly
<i>Rainfall</i>	0 mm	<i>Wind Speed</i>	1 – 15 km/h

* East Guyong Quarry Weather Station