



A GREENCAP  
CONSULTING COMPANY

# Risk Management Services

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## ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804 048-20130305  
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 5 March 2013 Test Date: Tuesday 5 March 2013  
Sampling Procedure: Control Sampled By: Pumps On: SB  
Pumps Off: SB

Method: *Filters examined in accordance with Safe Work Australia's Guidance Note on the Membrane Filter Method for the Estimation of Airborne Asbestos Fibres, 2<sup>nd</sup> 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 works in the NW section of the Infrastructure Area (IA) and construction of the earth bund wall on the eastern side of the IA on the East Guyong Quarry Site					
2133	Field Blank	-	-	0.0/100	-
1202	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	0812 – 1658	1.00	0.0/100	< 0.01
2079	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	0816 – 1600	1.00	3.0/100	< 0.01
2173	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0819 – 1603	1.00	0.0/100	< 0.01
346	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0823 – 1606	1.00	0.0/100	< 0.01
1243	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0908 – 1633	1.00	0.0/100	< 0.01
1211	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0914 – 1640	1.00	0.0/100	< 0.01
228	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0835 – 1614	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
2162	Location N1 – South of Work Area (NW section of Infrastructure Area) – On fence post	0845 – 1629	1.00	0.0/100	< 0.01
611	Location N2 – West of Work Area (NW section of Infrastructure Area) – On barbed wire fence	0848 – 1627	1.00	1.0/100	< 0.01
609	Location N3 – North of Work Area (NW section of Infrastructure Area) – On barbed wire fence	0839 – 1619	1.00	1.0/100	< 0.01
1339	Location N4 – North-East of Work Area (NW section of Infrastructure Area) – On fence post	0859 – 1617	1.00	1.0/100	< 0.01
335	Location N5 – South East of Earth Bund Wall (Eastern Perimeter Fence of Infrastructure Area) – On barbed wire fence	0827 – 1609	1.00	1.0/100	< 0.01
2150A	Location N6 – North East of Earth Bund Wall (Eastern Perimeter Fence of Infrastructure Area) – On barbed wire fence	0830 – 1611	1.00	0.0/100	< 0.01
Exposure monitoring during excavation and bund wall construction works					
2114	John Willis – Excavator Operator (EODO) (Infrastructure Area)	0855 – 1622	1.00	2.0/100	< 0.01
2226	Patrick Collins – Articulated Dump Truck Operator (EODO) (Infrastructure Area)	0902 – 1625	1.00	6.0/100	< 0.01



APPROVED COUNTER AND SIGNATORY :  
SIMON BUTTERFIELD

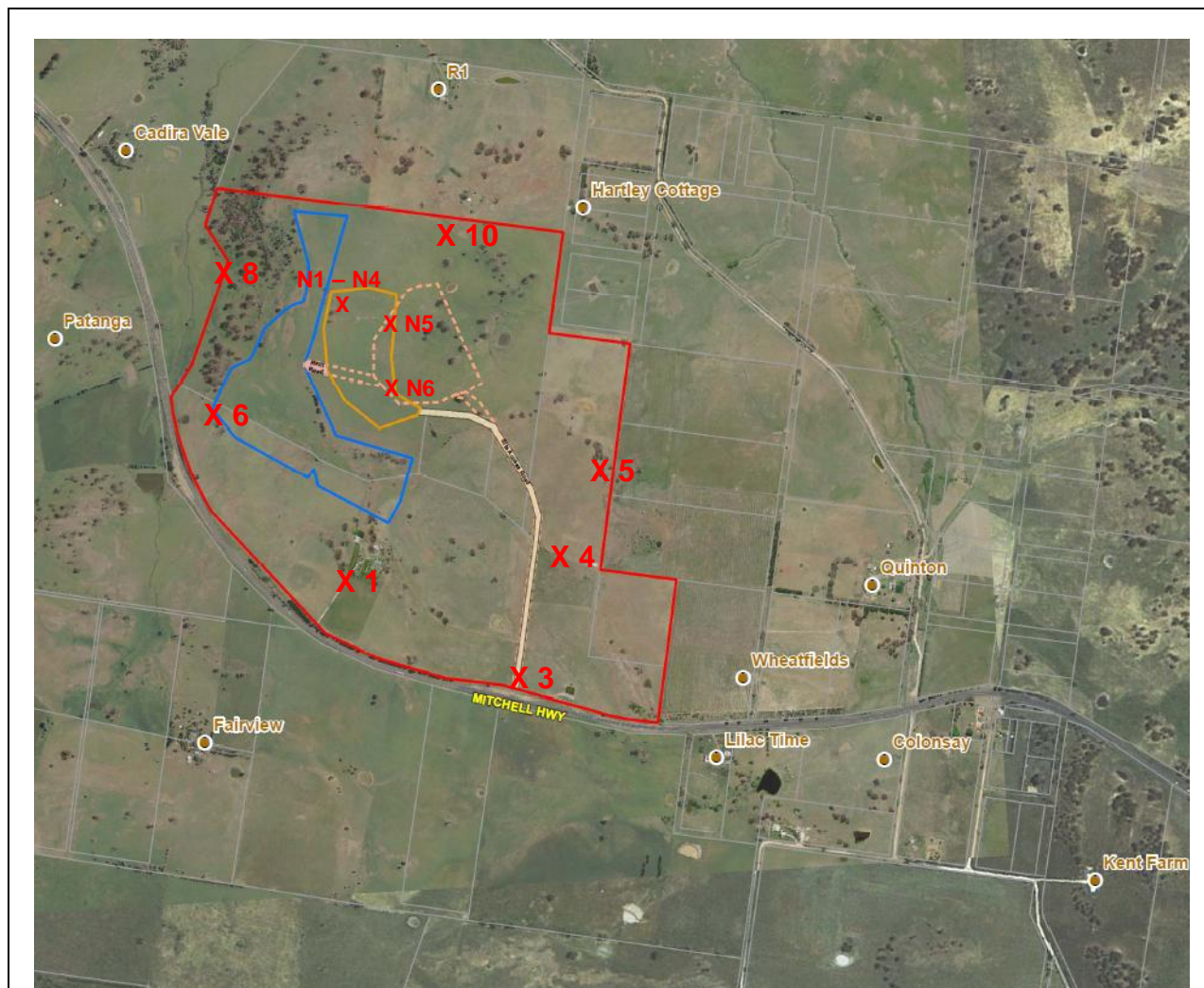


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Figure 1 – Air Monitoring Location



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

Monitoring Date: 5<sup>th</sup> March 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:	709,167mE ; 6301,273mN
Location 3:	709,601mE ; 6300,370mN	Location N2:	709,044mE ; 6301,378mN
Location 4:	709,729mE ; 6300,716mN	Location N3:	709,124mE ; 6301,515mN
Location 5:	709,870mE ; 6300,905mN	Location N4:	709,259mE ; 6301,472mN
Location 6:	708,803mE ; 6301,185mN	Location N5:	709,399mE ; 6301,235mN
Location 8:	708,824mE ; 6301,587mN	Location N6:	709,355mE ; 6301,438mN
Location 10:	709,465mE ; 6301,633mN		

**Weather Conditions\***

<i>General</i>	Fine - Cloudy	<i>Wind Direction</i>	ENE
<i>Rainfall</i>	0.0 mm	<i>Wind Speed</i>	9 – 33 km/h

\* East Guyong Quarry Weather Station