



A GREENCAP
CONSULTING COMPANY

Risk Management Services

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ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804 047-20130304
Client: Hanson Construction Materials Pty Ltd
Attention: Martin Gear - Project Manager Aggregates
Job Location: East Guyong Quarry, Mitchell Highway, East Guyong NSW
Report Date: Monday 4 March 2013 Test Date: Monday 4 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, 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 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					
687	Field Blank	-	-	0.0/100	-
2124	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	1012 – 1615	1.20	4.0/100	< 0.01
1223	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	1015 – 1619	1.20	2.0/100	< 0.01
2074	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	1018 – 1621	1.20	0.0/100	< 0.01
2122	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	1021 – 1623	1.20	0.0/100	< 0.01
482	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	1100 – 1659	1.20	1.0/100	< 0.01
2172	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	1106 – 1701	1.20	3.0/100	< 0.01
2129A	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	1028 – 1630	1.20	1.0/100	< 0.01

Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/mL
2268	Location N1 – South of Work Area (NW section of Infrastructure Area) – On fence post	1038 – 1638	1.20	0.0/100	< 0.01
911A	Location N2 – West of Work Area (NW section of Infrastructure Area) – On barbed wire fence	1041 – 1641	1.20	1.0/100	< 0.01
2085	Location N3 – North of Work Area (NW section of Infrastructure Area) – On barbed wire fence	1032 – 1634	1.20	0.0/100	< 0.01
2181	Location N4 – East of Work Area (NW section of Infrastructure Area) – On fence post	1035 – 1636	1.20	1.0/100	< 0.01
2094	Location N5 – South East of Earth Bund Wall (Eastern Perimeter Fence of Infrastructure Area) – On barbed wire fence	1044 – 1644	1.20	3.0/100	< 0.01
2031	Location N6 – North East of Earth Bund Wall (Eastern Perimeter Fence of Infrastructure Area) – On barbed wire fence	1047 – 1647	1.20	0.0/100	< 0.01
Exposure monitoring during excavation and bund wall construction works					
206	John Willis – Excavator Operator (EODO) (Infrastructure Area)	1050 – 1651	1.20	1.0/100	< 0.01
2217	Patrick Collins – Articulated Dump Truck Operator (EODO) (Infrastructure Area)	1054 – 1654	1.20	8.5/100	< 0.01



APPROVED COUNTER AND SIGNATORY :
SIMON BUTTERFIELD

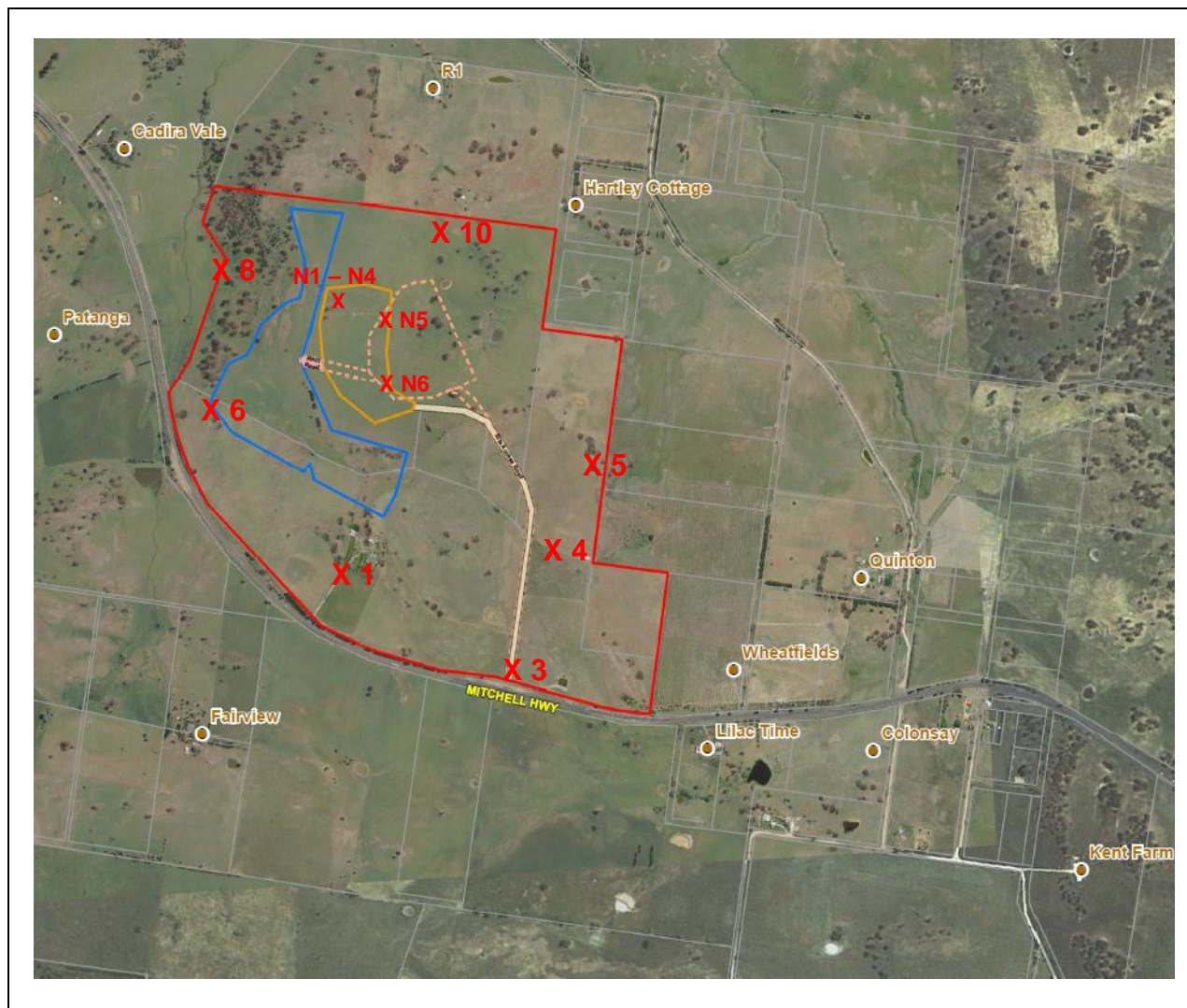


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Corporate Site No. 5450, Site No. 3402 Sydney
Laboratory.

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Figure 1 – Air Monitoring Location



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

Monitoring Date: 4th 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:	709,704mE ; 6301,379mN
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 (Party Cloudy)	<i>Wind Direction</i>	East
<i>Rainfall</i>	0.0 mm	<i>Wind Speed</i>	15 – 30 km/h

* East Guyong Quarry Weather Station