



A GREENCAP
CONSULTING COMPANY

Risk Management Services

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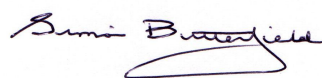
ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804 039-20130219
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 19 February 2013 Test Date: Tuesday 19 February 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 construction works (excavation & filling) for the new access road on the East Guyong Quarry Site					
1040	Field Blank	-	-	0.0/100	-
2112	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	0705 – 1700	1.00	0.0/100	< 0.01
2244	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	0710 – 1710	1.00	0.0/100	< 0.01
1066	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0713 – 1714	1.00	0.0/100	< 0.01
2093	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0717 – 1716	1.00	1.0/100	< 0.01
2268	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0749 – 1654	1.00	0.0/100	< 0.01
301	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0755 – 1803	1.00	0.0/100	< 0.01
2086	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0738 – 1648	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
1019	Location N1 – North of Work Area, (approx. 15 metres north of new access road) – On fencing post	0730 – 1648	1.00	0.0/100	< 0.01
1245	Location N2 – West of Work Area (approx. 15 metres west of new access road) – On barbed wire fence	0721 – 1722	1.00	0.0/100	< 0.01
815	Location N3 – East of Work Area (approx. 15 metres east of new access road) – On barbed wire fence	0724 – 1726	1.00	1.0/100	< 0.01
801	Location N4 – South of Work Area (south end of new access road) – On barbed wire fence	0814 – 1712	1.00	1.0/100	< 0.01
Control static monitoring during excavation works at the far western end of the eastern section on the southern side of the Mitchell Highway Intersection Upgrade					
1046	Location M1 - Southern Side of Mitchell Highway, East of Work Area – On barrier	0826 – 1654	1.00	2.0/100	< 0.01
465	Location M2 - Southern Side of Mitchell Highway, West of Work Area – On signage	0822 – 1652	1.00	0.0/100	< 0.01
2108	Location M3 - Southern Side of Mitchell Highway, South of Work Area (site compound) – On fence	0818 – 1654	1.00	0.0/100	< 0.01
1077	Location M4 - Northern Side of Mitchell Highway, North of Work Area – On service post	0810 – 1658	1.00	0.0/100	< 0.01
Exposure monitoring during excavation works					
935	John Willis (EODO Pty Ltd) – Excavator Operator (for southern side of Mitchell Highway works)	0830 – 1655	1.00	0.0/100	< 0.01



APPROVED COUNTER AND SIGNATORY :
SIMON BUTTERFIELD

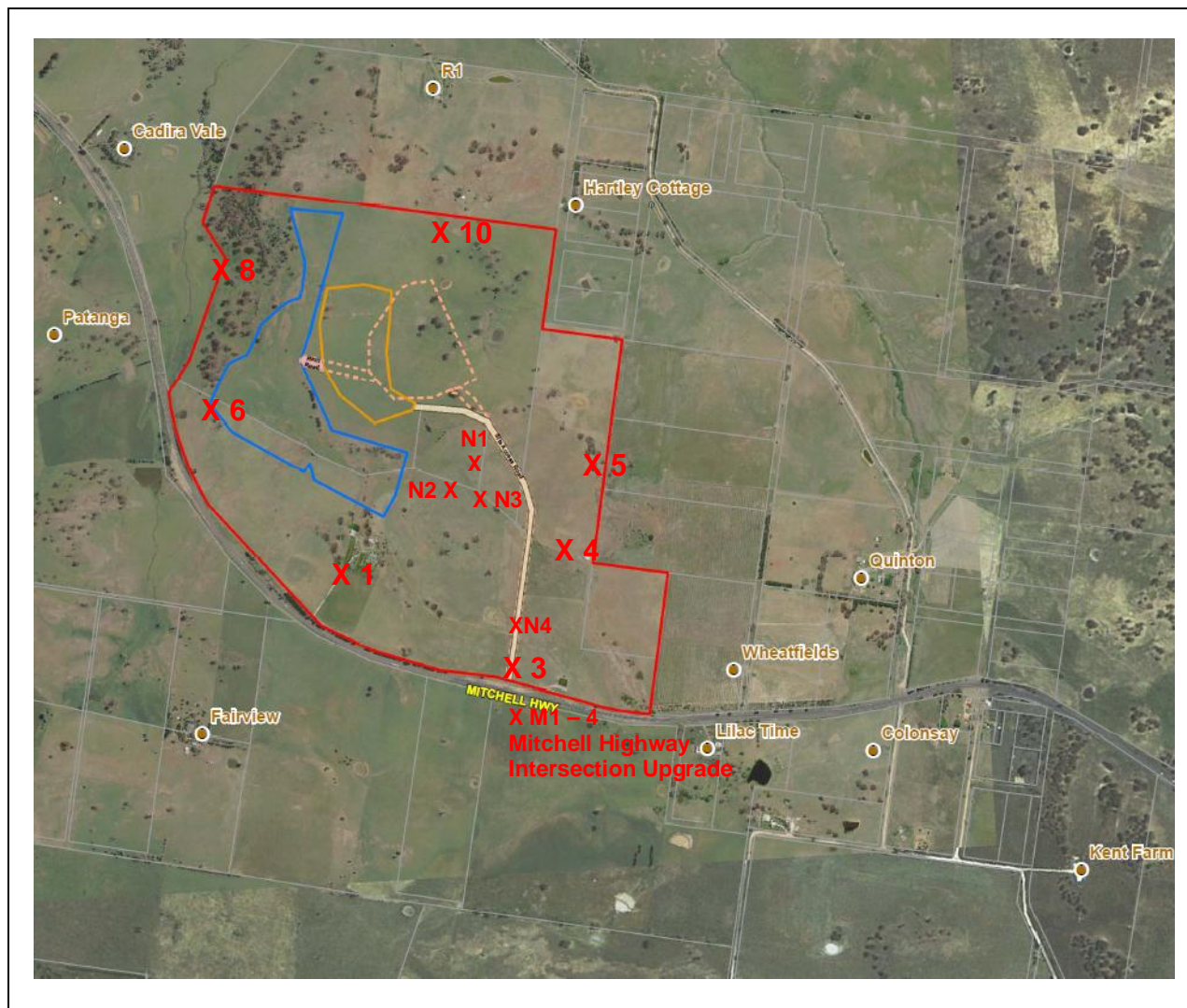


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Figure 1 – Air Monitoring Location



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

Monitoring Date: 19th February 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 N2:	709,380mE ; 6301,018mN
Location 3:	709,601mE ; 6300,370mN	Location N3:	709,446mE ; 6301,075mN
Location 4:	709,729mE ; 6300,716mN	Location N4:	709,621mE ; 6300,504mN
Location 5:	709,870mE ; 6300,905mN	Location M1:	709,605mE ; 6300,293mN
Location 6:	708,803mE ; 6301,185mN	Location M2:	709,603mE ; 6300,293mN
Location 8:	708,824mE ; 6301,587mN	Location M3:	709,556mE ; 6300,277mN
Location 10:	709,465mE ; 6301,633mN	Location M4:	709,585mE ; 6300,325mN
Location N1:	709,360mE ; 6301,148mN		

Weather Conditions*

<i>General</i>	Fine - Cloudy	<i>Wind Direction</i>	Mostly South
<i>Rainfall</i>	0 mm	<i>Wind Speed</i>	1 – 14 km/h

* East Guyong Quarry Weather Station