



A GREENCAP
CONSULTING COMPANY

Risk Management Services

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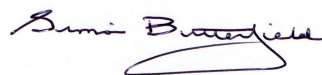
ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804 044-20130226
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 26 February 2013 Test Date: Tuesday 26 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 excavation works at the northern end of the new access road and the NW section of the Infrastructure Area on the East Guyong Quarry Site					
664	Field Blank	-	-	0.0/100	-
2182	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 – 1608	1.00	0.0/100	< 0.01
2232	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	0652 – 1611	1.00	0.0/100	< 0.01
M011	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0709 – 1620	1.00	0.0/100	< 0.01
2164	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0711 – 1622	1.00	0.0/100	< 0.01
330	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0728 – 1636	1.00	0.0/100	< 0.01
934	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0735 – 1644	1.00	1.0/100	< 0.01
2236	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0747 – 1656	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
2227	Location N1 – West of Work Area (approx. 15 metres west of new access road cutting) – On barbed wire fence	0724 – 1631	1.00	2.0/100	< 0.01
1372	Location N2 – East of Work Area (approx. 15 metres east of new access road cutting) – On barbed wire fence	0721 – 1629	1.00	0.0/100	< 0.01
1215	Location N3 – South of Work Area (south end of new access road cutting) – On barbed wire fence	0718 – 1622	1.00	0.0/100	< 0.01
2119A	Location N4 – South of Work Area (NW section of Infrastructure Area) – On fence post	0740 – 1650	1.00	1.0/100	< 0.01
2173A	Location N5 – West of Work Area (NW section of Infrastructure Area) – On barbed wire fence	0742 – 1652	1.00	0.0/100	< 0.01
2139A	Location N6 – North of Work Area (NW section of Infrastructure Area) – On fence post	0752 – 1702	1.00	1.0/100	< 0.01
2207	Location N7 – East of Work Area (NW section of Infrastructure Area) – On fence post	0745 – 1654	1.00	0.0/100	< 0.01
501	Location N8 – Southern Side of Mitchell Highway, Site Compound, Lunch Shed	1156 – 1710	1.40	1.0/100	< 0.01
Exposure monitoring during excavation works					
2271	John Willis – Excavator Operator (EODO) (NW corner of Infrastructure Area)	0756 – 1658	1.00	1.0/100	< 0.01
1000	Patrick Collins – Articulated Dump Truck Operator (EODO) (NW corner of Infrastructure Area)	0715 – 1700	1.00	1.0/100	< 0.01



APPROVED COUNTER AND SIGNATORY :
SIMON BUTTERFIELD

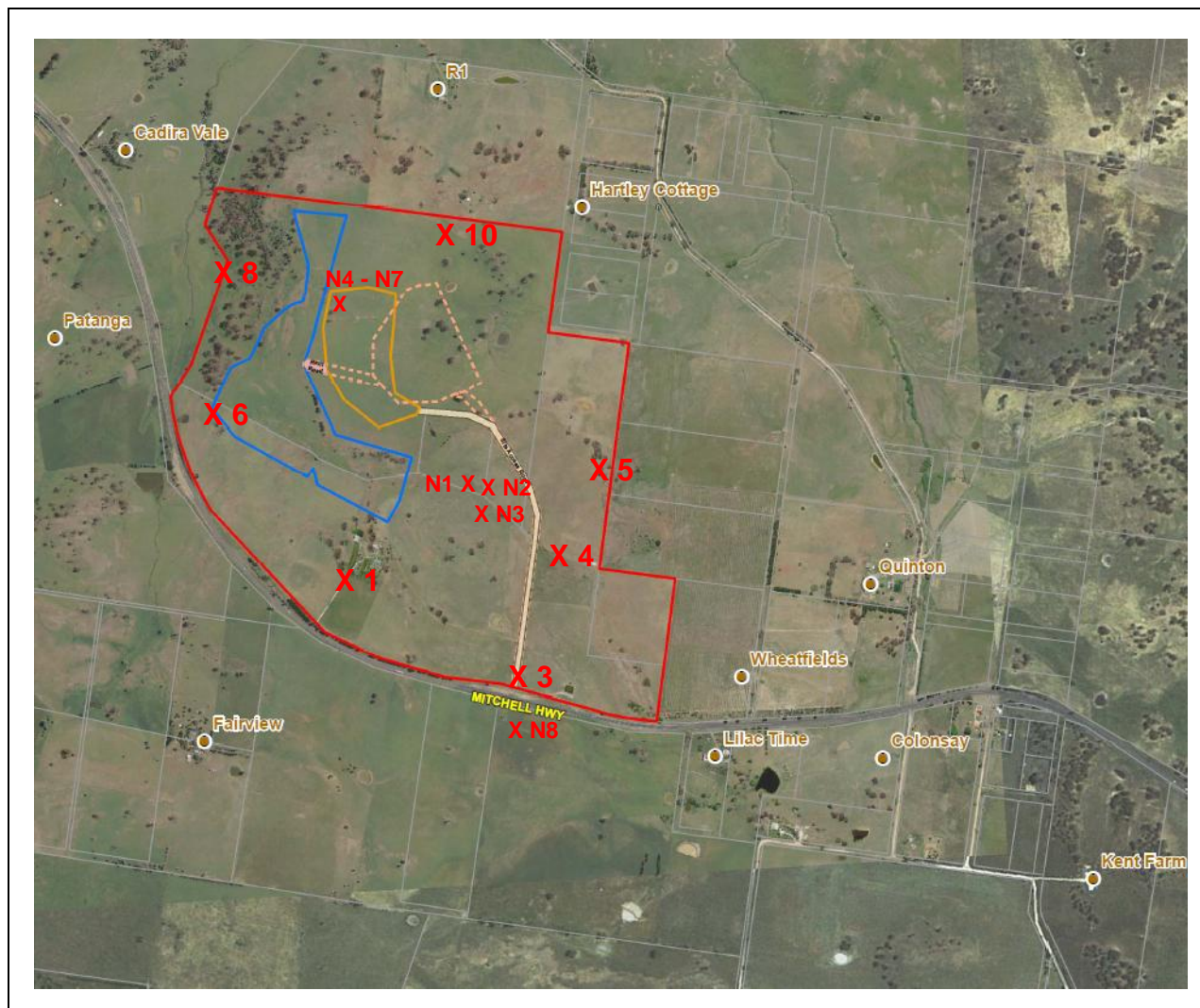


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Figure 1 – Air Monitoring Location



Air Monitoring Sampling Plan East Guyong Quarry Site

Monitoring Date: 26th 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 N1:	709,304mE ; 6301,155mN
Location 3:	709,601mE ; 6300,370mN	Location N2:	709,446mE ; 6301,075mN
Location 4:	709,729mE ; 6300,716mN	Location N3:	709,452mE ; 6300,927mN
Location 5:	709,870mE ; 6300,905mN	Location N4:	709,159mE ; 6301,302mN
Location 6:	708,803mE ; 6301,185mN	Location N5:	709,046mE ; 6301,369mN
Location 8:	708,824mE ; 6301,587mN	Location N6:	709,071mE ; 6301,443mN
Location 10:	709,465mE ; 6301,633mN	Location N7:	709,206mE ; 6301,376mN
		Location N8:	709,543mE ; 6300,275mN

Weather Conditions*

<i>General</i>	Overcast	<i>Wind Direction</i>	Mostly North-East
<i>Rainfall</i>	0.0 mm	<i>Wind Speed</i>	1 – 16 km/h

* East Guyong Quarry Weather Station