



A GREENCAP
CONSULTING COMPANY

Risk Management Services

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ASBESTOS FIBRE AIR MONITORING REPORT

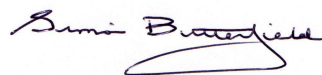
Our Ref: C107605:J111804 035-20130212
Client: Hanson Construction Materials Pty Ltd
Attention: Martin Gear - Project Manager Aggregates
Job Location: East Guyong Quarry, Mitchell Highway, East Guyong NSW
Report Date: Tuesday 12 February 2013 Test Date: Tuesday 12 February 2013
Sampling Procedure: Control 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					
2232	Field Blank	-	-	0.0/100	-
2236	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	0713 – XXXX	-	0.0/100	Voided*
2190	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	0719 – 1617	1.00	0.0/100	< 0.01
2163	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0725 – 1652	1.00	1.0/100	< 0.01
2012	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0729 – 1650	1.00	0.0/100	< 0.01
2232	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0752 – 1629	1.00	0.0/100	< 0.01
1090	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0758 – 1632	1.00	0.0/100	< 0.01
2258	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0746 – 1636	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
1046	Location N1 – North of Work Area, (approx. 15 metres north of new access road) – On fencing post	0737 – 1644	1.00	0.0/100	< 0.01
737	Location N2 – West of Work Area (approx. 15 metres west of new access road) – On barbed wire fence	0740 – 1640	1.00	0.0/100	< 0.01
2094	Location N3 – East of Work Area (approx. 15 metres east of new access road) – On barbed wire fence	0735 – 1646	1.00	0.0/100	< 0.01
2129	Location N4 – South of Work Area (south end of new access road) – On barbed wire fence	0722 – 1618	1.00	0.0/100	< 0.01
417	Location N5 – Southern Side of Mitchell Highway, Site Compound, Lunch Shed	0828 – 1613	1.00	1.0/100	< 0.01
Exposure monitoring during excavation and filling works					
613	Marty Rookyard – Excavator Operator (EODO) (for new access road)	0813 – 1642	1.00	1.0/100	< 0.01
937	Allan Galvin – Excavator Operator (EODO) (for new access road)	0820 – 1620	1.00	0.0/100	< 0.01

Note: Filter No. 2236 is voided due to flow rate exceeding variation criteria (+/-10%).



APPROVED COUNTER AND SIGNATORY :
SIMON BUTTERFIELD

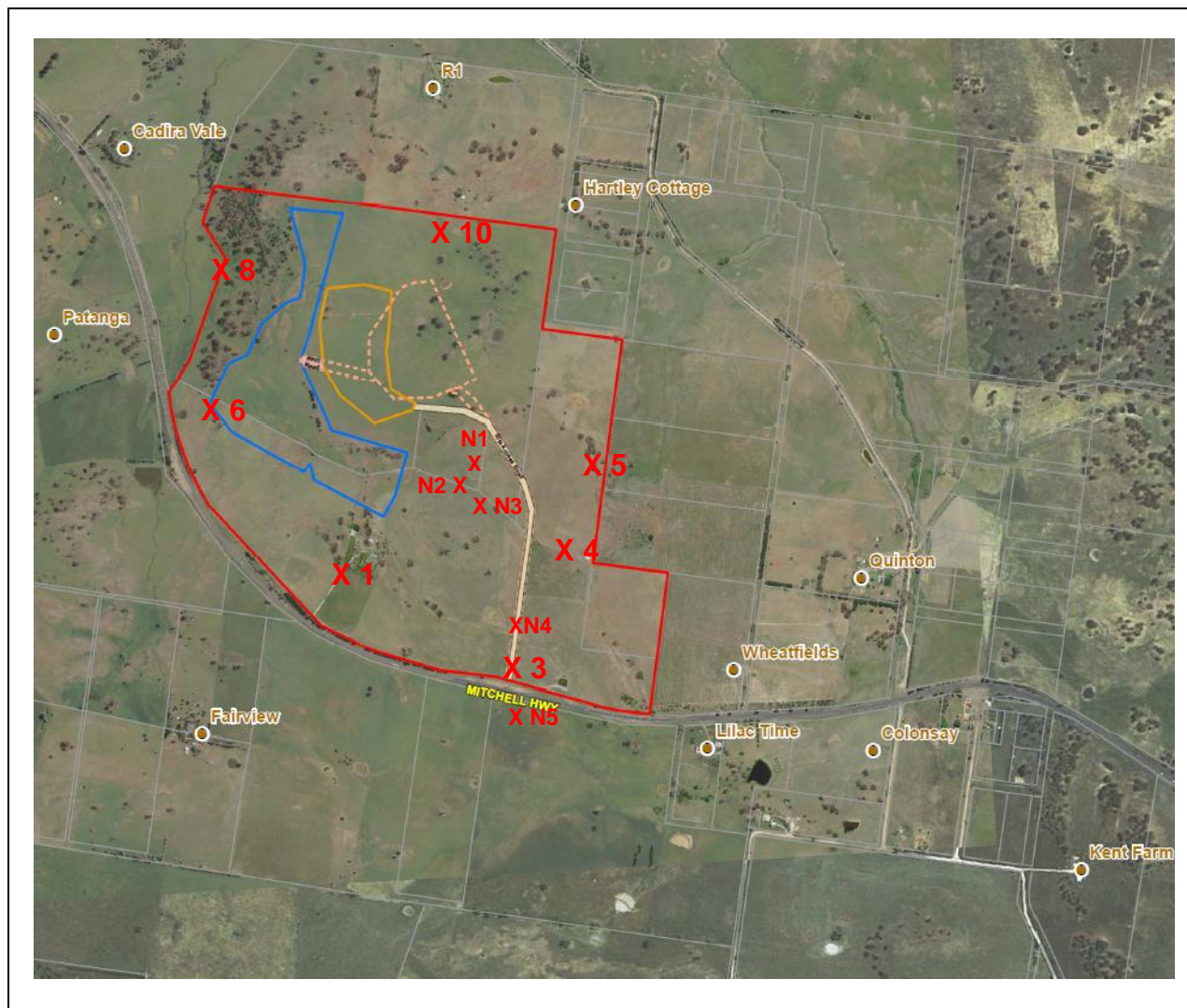


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Figure 1 – Air Monitoring Location



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

Monitoring Date: 12th 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:	709,360mE ; 6301,148mN
Location 3:	709,601mE ; 6300,370mN	Location N2:	709,380mE ; 6301,018mN
Location 4:	709,729mE ; 6300,716mN	Location N3:	709,446mE ; 6301,075mN
Location 5:	709,870mE ; 6300,905mN	Location N4:	709,621mE ; 6300,504mN
Location 6:	708,803mE ; 6301,185mN	Location N5:	709,543mE ; 6300,275mN
Location 8:	708,824mE ; 6301,587mN		
Location 10:	709,465mE ; 6301,633mN		

Weather Conditions*

General	Fine	Wind Direction	ENE - East
Rainfall	0 mm	Wind Speed	1 – 16 km/h

* East Guyong Quarry Weather Station