



A GREENCAP
CONSULTING COMPANY

Risk Management Services

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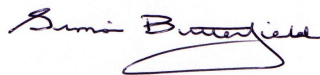
ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804.073-20130508
Client: Hanson Construction Materials Pty Ltd
Attention: Martin Gear - Project Manager Aggregates
Job Location: East Guyong Quarry, Mitchell Highway, East Guyong NSW
Report Date: Wednesday 8 May 2013 Test Date: Wednesday 8 May 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 cutting on the East Guyong Quarry Site					
3045	Field Blank	-	-	0.0/100	-
1372	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	0848 – 1715	1.00	0.0/100	< 0.01
2136A	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	0852 – 1645	1.00	0.0/100	< 0.01
909	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0855 - 1712	1.00	0.0/100	< 0.01
1360	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0859 - 1710	1.00	0.0/100	< 0.01
2108	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0910 - 1700	1.00	0.0/100	< 0.01
2101	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0913 – 1703	1.00	0.0/100	< 0.01
1328	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0904 - 1707	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
2181	Location N1 – North of Work Area, (north of new access road cutting) – On fencing post	0920 - 1650	1.00	1.0/100	< 0.01
2021	Location N2 – West of Work Area, (west of new access road cutting) – On barbed wire fence	0918 - 1652	1.00	0.0/100	< 0.01
2213	Location N3 – South of Work Area, (south of new access road cutting) – On fencing post	0926 - 1648	1.00	0.0/100	< 0.01
2160	Location N4 – East of Work Area, (east of new access road cutting) – On barbed wire fence	0923 – 1654	1.00	0.0/100	< 0.01
1251	Location N5 – Lunch Shed, Adjacent to New Access Road – On bench	0928 - 1647	1.00	2.0/100	< 0.01
Exposure monitoring during excavation works					
1032	John Willis (EODO Pty Ltd) – Excavator Operator	0930 - 1655	1.00	2.0/100	< 0.01



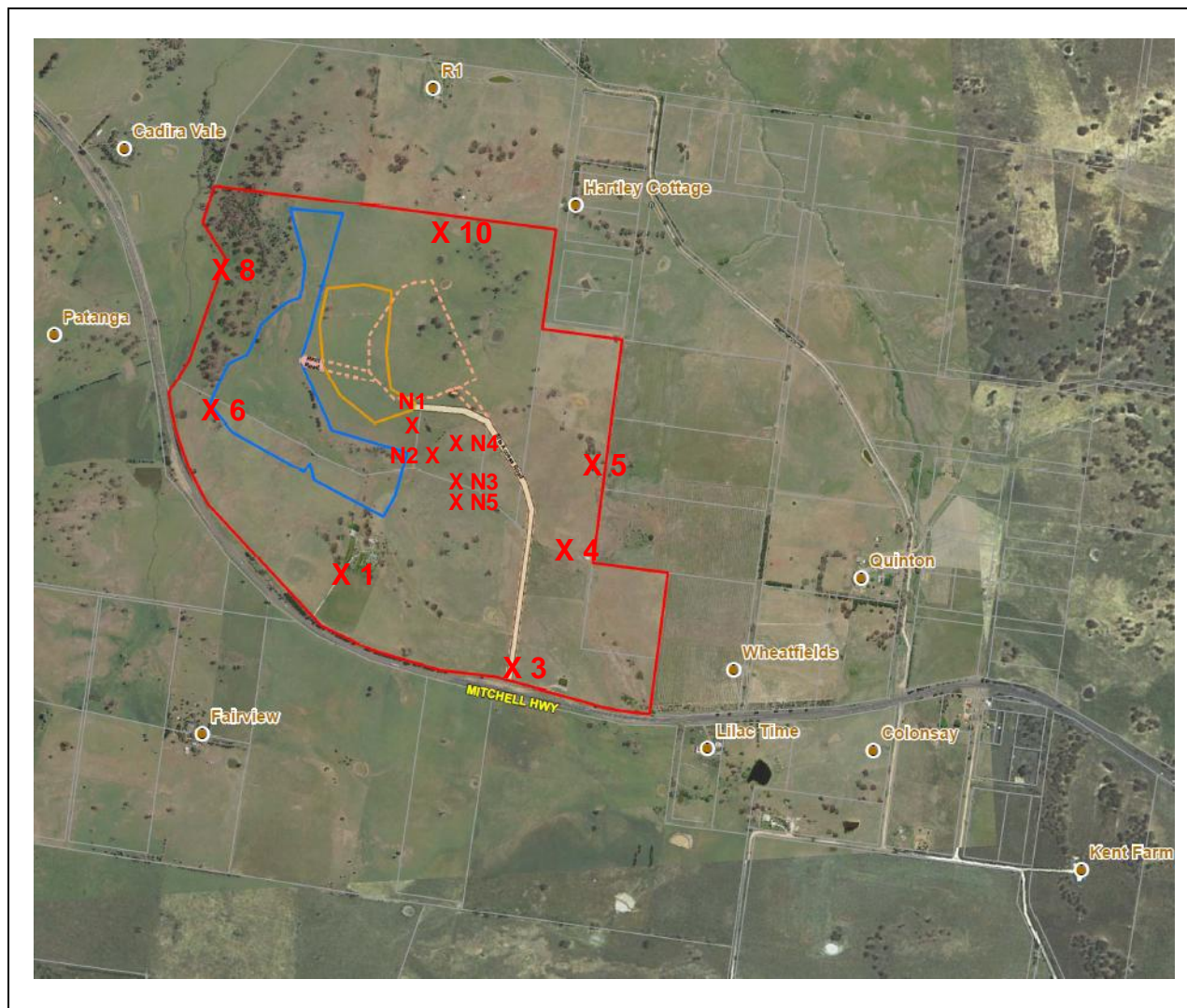
APPROVED COUNTER & SIGNATORY:
SIMON BUTTERFIELD



Accredited for compliance with ISO/IEC 17025.
Corporate Site No. 5450, Site No. 3402 Sydney
Laboratory.

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in full.

Figure 1 – Air Monitoring Location



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

Monitoring Date: 8th May 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:	709,307mE ; 6301,156mN
Location 3:	709,601mE ; 6300,370mN	Location N2:	709,392mE ; 6301,027mN
Location 4:	709,729mE ; 6300,716mN	Location N3:	709,454mE ; 6300,928mN
Location 5:	709,870mE ; 6300,905mN	Location N4:	709,456mE ; 6301,159mN
Location 6:	708,803mE ; 6301,185mN	Location N5:	709,460mE ; 6300,911mN
Location 8:	708,824mE ; 6301,587mN		
Location 10:	709,465mE ; 6301,633mN		

Weather Conditions*

General	Mostly Fine – Cloudy/Overcast	Wind Direction	Mostly northerly - southerly
Rainfall	0 mm	Wind Speed	2 – 10 km/h

* East Guyong Quarry Weather Station