



A GREENCAP CONSULTING COMPANY

Risk Management Services

NOEL ARNOLD & ASSOCIATES PTY LTD
A.C.N. 006 318 010 A.B.N. 75 006 318 010
Level 2, 11 Khartoum Road,
North Ryde, NSW 2113 Australia
Phone: (02) 9889 1800
Fax: (02) 9889 1811
Email: sydney@noel-arnold.com.au
www.noel-arnold.com.au

ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804 M010-20121207
Client: Hanson Construction Materials Pty Ltd
Attention: Martin Gear - Project Manager Aggregates
Job Location: East Guyong Quarry, Mitchell Highway Intersection Upgrade, East Guyong NSW
Report Date: Friday 07 December 2012 **Test Date:** Friday 07 December 2012
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 the excavation for the subsoil drainage pipe in the western section of the northern side of the Mitchell Highway Intersection Upgrade					
2266	Field Blank	-	-	0.0/100	-
308	Location M1 - Northern Side of Mitchell Highway, North of Work Area – On fence	0845 – 1240	2.00	2.0/100	< 0.01
2134A	Location M2 - Northern Side of Mitchell Highway, West of Work Area – On barrier	0848 – 1238	2.00	1.0/100	< 0.01
2257	Location M3 - Northern Side of Mitchell Highway, East of Work Area – On fence post	0855 – 1244	2.00	0.0/100	< 0.01
234	Location M4 - Southern Side of Mitchell Highway, South of Work Area – On fence	0852 – 1235	2.00	1.5/100	< 0.01
2233	Location M5 - Lunch Shed – On bench	0859 – 1250	2.00	1.0/100	< 0.01
2155	Spotter – Dean Whiting (EODO Pty Ltd)	0922 – 1258	2.00	7.0/100	< 0.01
1216	Inside Excavator Cabin – Marty Rookyard (EODO Pty Ltd)	1050 – 1255	3.50	2.0/100	< 0.01

**APPROVED COUNTER AND SIGNATORY :
SIMON BUTTERFIELD**



This document is issued in accordance with NATA's accreditation requirements.

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

This document shall not be reproduced, except in full.

Figure 1 – Air Monitoring Locations



**Air Monitoring Sampling Plan
East Guyong Quarry
Mitchell Highway Intersection
Upgrade Site**

Legend

- X 1 Air monitoring locations
- Project Boundary
- Proposed Quarry Boundary
- - - Proposed Infrastructure Area Boundary

Monitoring Date: 7th December 2012

Air Monitoring Location Coordinates

Location M1: 709,527mE ; 6300,354mN

Location M2: 709,475mE ; 6300,351mN

Location M3: 709,590mE ; 6300,325mN

Location M4: 709,534mE ; 6300,310mN

Location M5: 709,532mE ; 6300,460mN

Weather Conditions*

General Fine to overcast

Wind Direction North East

Rainfall 0.0 mm

Wind Speed 11 – 18 km/h

* East Guyong Quarry Weather Station