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ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref:

C107605:J111804.010-20120728

Client:

Hanson Construction Materials Pty Ltd

Attention:

Martin Gear - Project Manager Aggregates

Job Location: East Guyong Quarry, Mitchell Highway, East Guyong NSW

Report Date: Saturday 28 July 2012

Test Date:

Saturday 28 July 2012

Sampling Procedure: Control

Sampled By: Pumps On: SB

[NOHSC:3003: (2005)] - Refer NAA Internal Laboratory Test Method NALAB 301.

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

Sample **Average Filter Test Type** Fibres/ Result(s) Period Flow Rate No. Sample Location **Fields** Fibres/mL Start-Finish (L/min) Control static monitoring during investigative drilling works 1367 Field Blank 0.0/100 Location 1 – Near Southern Boundary of Site, Access Road to Residence (No.3472) off 663 0658 - 11561.50 0.0/100 < 0.01 Mitchell Highway, approx. 120 metres north of south site boundary Location 3 – Near Southern Boundary (SE Corner) of Site, Access Road Entry (No.3410) 1339 0713 - 11591.50 0.0/100 < 0.01 off Mitchell Highway, approx. 20 metres from south site boundary Location 4 – Near Eastern Boundary (near SE 918A Corner) of Site, approx. 70 metres west of 0718 - 12011.50 0.0/100 < 0.01 shed, On Access Road Location 5 – Near Eastern Boundary (near 713 centre) of Site, approx. 50 metres west of 0722 - 12051.50 1.0/100 < 0.01 east site boundary Location 6 – Western Boundary of Proposed 1038 0809 - 12331.50 0.0/100 < 0.01 Quarry Pit (near western site boundary) Location 8 – Western Boundary (near NW 2164 0758 - 12281.50 0.0/100 < 0.01 corner) of Site 937 Location 10 - Near Northern Boundary of 0734 - 12141.50 0.0/100 < 0.01 Site (near NE corner site) On Field Support Vehicle Near Drilling Rig 1368A

0740 - 1236

■ Melbourne ■ Sydney ■ Canberra ■ Brisbane

Practical Solutions

1.50

2.5/100

(Torpedo Drilling)

< 0.01



Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/mL
Personal (exposure) monitoring during investigative drilling works					
935	Scott Huggett – Driller's Assistant (Torpedo Drilling)	0743 – 1237	1.50	2.0/100	< 0.01

- Control Carlot

APPROVED COUNTER AND SIGNATORY: SIMON BUTTERFIELD



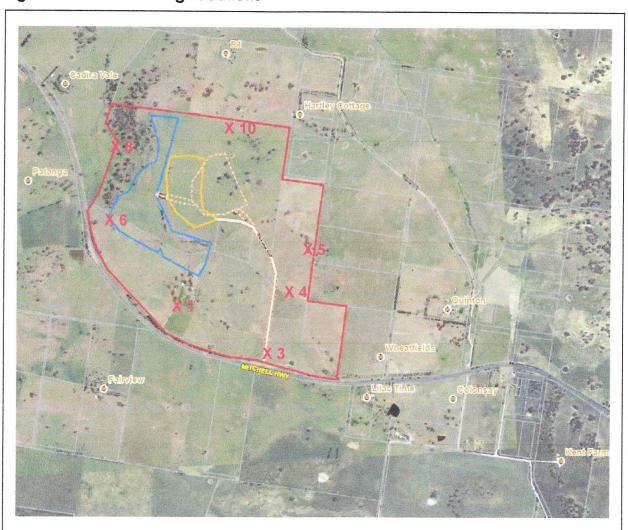
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Figure 1 – Air Monitoring Locations



Air Monitoring Sampling Plan East Guyong Quarry Site

Monitoring Date: 28 July 2012

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 6:
 708,803mE; 6301,185mN

 Location 3:
 709,597mE; 6300,363mN
 Location 8:
 708,824mE; 6301,587mN

 Location 4:
 709,729mE; 6300,716mN
 Location 10:
 709,465mE; 6301,633mN

 Location 5:
 709,870mE; 6300,905mN

Weather Conditions*

 General
 Cloudy
 Wind Direction
 SW to SSW

 Rainfall
 0.8 mm
 Wind Speed
 14.9 – 50.1 km/h

^{*} East Guyong Quarry Weather Station