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ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref:

C107605:J111804.003-20120718-Background Day 3

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 18 July 2012

Test Date:

Wednesday 18 July 2012

Pumps On: SB

Sampling Procedure: Control

Sampled By:

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	
Background monitoring of ambient air conditions						
1066	Field Blank	-	_	0.0/100	_	
1015	Location 1 – Near Southern Boundary of Site, Access Road to Residence (No.3472) off Mitchell Highway, approx. 120 metres north of south site boundary	0843 – 1618	1.20	0.0/100	< 0.01	
225	Location 2 – Near Southern Boundary (SE Corner) of Proposed Quarry Pit (North of Residence No.3472)	0850 – 1620	1.20	0.0/100	< 0.01	
1391	Location 3 – Near Southern Boundary (SE Corner) of Site, Access Road Entry (No.3410) off Mitchell Highway, approx. 20 metres from south site boundary	0819 – 1608	1.20	0.0/100	< 0.01	
805	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres west of shed, On Access Road	0832 – 1611	1.20	0.0/100	< 0.01	
2027	Location 5 – Near Eastern Boundary (near centre) of Site, approx. 50 metres west of east site boundary	0836 – 1614	1.20	0.0/100	< 0.01	
943A	Location 6 – Western Boundary of Proposed Quarry Pit (near western site boundary)	0855 – 1624	1.20	0.0/100	< 0.01	
939A	Location 7 – Eastern Boundary of Proposed Quarry Pit (near western site boundary)	0859 – 1629	1.20	0.0/100	< 0.01	
2024	Location 8 – Western Boundary (near NW corner) of Site	0904 – 1633	1.20	0.0/100	< 0.01	
2023	Location 9 – Northern Boundary of Proposed Quarry Pit (near northern site boundary)	0914 – 1643	1.20	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
223	Location 10 – Near Northern Boundary of Site (near NE corner site)	0937 – 1657	1.20	1.0/100	< 0.01
1215	Location 11 – Northern Boundary of Proposed Infrastructure Area (near centre)	0933 – 1656	1.20	0.0/100	< 0.01
203	Location 12 – West of Proposed Infrastructure Area, 50 metres of existing dam (NOA outcrop area)	0933 – 1659	1.20	1.0/100	< 0.01
1054	Location 13 – Southern Boundary of Proposed Infrastructure Area (near centre)	0924 – 1650	1.20	0.0/100	< 0.01
737	Location 14 – Near Centre-West Section of Proposed Infrastructure Area	0930 – 1654	1.20	1.0/100	< 0.01
1249	Location 15 – Eastern Boundary of Proposed Infrastructure Area (proposed storage dam)	0928 – 1652	1.20	1.0/100	< 0.01

Sumi Burentield

APPROVED COUNTER AND SIGNATORY: SIMON BUTTERFIELD



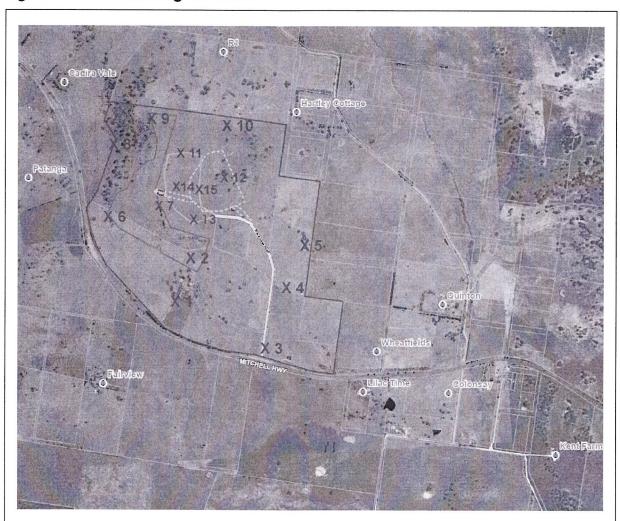
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Figure 1 – Air Monitoring Locations



Background Air Monitoring Sampling Plan East Guyong Quarry Site

Monitoring Date: 18 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 9:	709,032mE; 6301,723mN
Location 2:	709,179mE; 6300,895mN	Location 10:	709,465mE; 6301,633mN
Location 3:	709,597mE; 6300,363mN	Location 11:	709,229mE; 6301,504mN
Location 4:	709,729mE; 6300,716mN	Location 12:	709,499mE; 6301,287mN
Location 5:	709,870mE; 6300,905mN	Location 13:	709,283mE; 6301,101mN
Location 6:	708,803mE; 6301,185mN	Location 14:	709,175mE; 6301,314mN
Location 7:	709,022mE; 6301,282mN	Location 15:	709,283mE; 6301,302mN
Location 8:	708,824mE ; 6301,587mN		

Weather Conditions*

General	Fine and sunny	Wind Direction	WNW - WSW
Rainfall	0 mm	Wind Speed	7.9 – 35.8 km/h

^{*} East Guyong Quarry Weather Station