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ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804.170-20131031

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 6 November 2013 Test Date: Thursday 31 October 2013 Sampling Procedure: Control Sampled By: Pumps On: Pere Riini (Hanson)

Pumps Off: Pere Riini (Hanson)

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 earthworks in the Infrastructure Area on the East Guyong Quarry Site | | | | | |
| 210298 | Field Blank | - | - | 0.0/100 | - |
| 210076 | 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 | 0721 – 1402 | 1.00 | 0.5/100 | < 0.01 |
| 210065 | 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 | 0724 – 1405 | 1.00 | 0.0/100 | < 0.01 |
| 210066 | Location 4 - Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road - On barbed wire fence | 0727 – 1408 | 1.00 | 0.0/100 | < 0.01 |
| 210164 | Location 5 - Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary - On fencing post | 0730 – 1411 | 1.00 | 0.0/100 | < 0.01 |
| 216051 | Location 6 - Western Boundary of Proposed Quarry Pit (near Western Site Boundary) - On barbed wire fence | 0735 – 1414 | 1.00 | 0.0/100 | < 0.01 |
| 210087 | Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence | 0738 – 1417 | 1.00 | 0.0/100 | < 0.01 |
| 216047 | Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post | 0745 – 1423 | 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 |
|--|---|----------------------------------|---------------------------------|-------------------|------------------------|
| 210103 | Location N1 - Northern Boundary Fence of Infrastructure Area | 0748 – 1427 | 1.00 | 1.0/100 | < 0.01 |
| 215971 | Location N2 - Western Boundary Fence of Infrastructure Area | 0757 – 1437 | 1.00 | 0.0/100 | < 0.01 |
| 210321 | Location N3 - Eastern Boundary Fence of Infrastructure Area | 0751 – 1431 | 1.00 | 0.0/100 | < 0.01 |
| 216048 | Location N4 - Southern Boundary Fence of Infrastructure Area | 0754 – 1434 | 1.00 | 0.5/100 | < 0.01 |
| Exposure/personal monitoring during earthworks in IA | | | | | |
| 215983 | Excavator Operator - Craig White (Badger Civil) | 0803 – 1442 | 1.00 | 0.0/100 | < 0.01 |

Note: Pere Riini of Hanson Construction Materials Pty Ltd has been formally trained as a third party for volume measurement. Noel Arnold & Associates Pty Ltd assume responsibility for the data collected.

Similar Brussliebe

APPROVED COUNTER & SIGNATORY: SIMON BUTTERFIELD

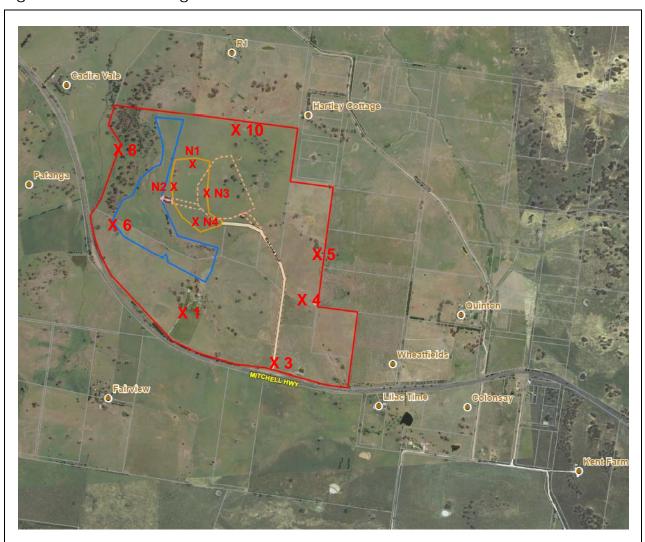


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Figure 1 – Air Monitoring Location



Air Monitoring Sampling Plan East Guyong Quarry Site

Monitoring Date: 31st October 2013

708,824mE; 6301,587mN

709,465mE; 6301,633mN

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: | 709,211mE; 6301,528mN |
|-------------|-----------------------|--------------|-----------------------|
| Location 3: | 709,601mE; 6300,370mN | Location N2: | 709,035mE; 6301,323mN |
| Location 4: | 709,729mE; 6300,716mN | Location N3: | 709,396mE; 6301,245mN |
| Location 5: | 709,870mE; 6300,905mN | Location N4: | 709,208mE; 6301,040mN |
| Location 6: | 708,803mE; 6301,185mN | | |

Weather Conditions*

Location 8:

Location 10:

| Weather Conditions | | | | |
|--------------------|------|----------------|----------------|--|
| General | Fine | Wind Direction | Northerly - SW | |
| Rainfall | 0 | Wind Speed | 4 – 29 km/h | |

^{*} East Guyong Quarry Weather Station

C107605:J111804.170-20131031 Page 3 of 3