



Client Name Aurora Projects	Site Location Lismore Base Hospital Uralba Street, Lismore, NSW	Document Ref: CUS000/ 00006107F
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Introduction

Environmental and Laboratory Solutions (ELS) Pty Ltd were engaged by Suzanne Nieuwenhuizen of Aurora Projects on behalf of NSW Government Health Infrastructure to conduct a hazardous materials survey within the following areas that will be impacted by proposed demolition and refurbishment work at Lismore Base Hospital:

- A Block, levels 3 – 9, Eastern section only (East of expansion joint).
- 67 Uralba Street, Lismore
- 69 Uralba Street, Lismore
- 24 Dalziel Street, Lismore
- 28 Dalziel Street, Lismore

The purpose of the survey was to identify the following hazardous materials, in order to assist Aurora Projects in estimating the costs involved with demolition:

- Asbestos
- Synthetic Mineral Fibre (SMF)
- Lead-containing paint

ELS attended site on Wednesday 19th November and Thursday 20th November 2014. The survey could not be carried out in A Block as the entire area was still operational and occupied by staff and patients. Instead, ELS reviewed the site asbestos register and where possible (In unoccupied areas) verified items on the register located in the area of concern. The survey was conducted as anticipated in the four other properties.



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Statement of Limitations

This asbestos removal specification document has been prepared in accordance with the agreement between Environmental & Laboratory Solutions (ELS) Pty Ltd and Health Infrastructure. The management and staff of ELS Pty Ltd have taken every care in compiling the information contained within this document.

All work relating to this document has been undertaken in a professional manner, in accordance with generally accepted practices.

Any opinion, statement, representation or advice given by or on behalf of ELS is given in good faith on the basis that ELS, its employees and agents are not subject to any liability whatsoever (whether by reason of lack of due care and attention or otherwise) and the client releases and discharges ELS, its employees and agents from all actions, suits, claims, demands, causes of action, costs and expenses, legal, equitable, under statute and otherwise, and all other liabilities of any nature (whether or not the parties were or could have been aware of them) which the client may have.

The information provided in this document is for the benefit and use of the client only and cannot be relied upon by any third party. This document shall only be presented in full and must not be reproduced.

General access limitations

The survey attempted to locate all hazardous materials listed in the scope. As the survey was a visual inspection and sampling process, only those hazardous materials that were physically accessible could be located and identified. It is therefore possible that hazardous materials that may be concealed within inaccessible areas may not have been located during the survey. Typical inaccessible areas that fall outside of the scope of the survey include the following:

- In set ceilings or wall cavities;
- Concealed service shafts, ducts etc;
- Voids or internal areas of plant, equipment, air-conditioning ducts etc;
- Voids and cavities concealed within the building structure;
- Height restricted areas;
- Building façade fixing brackets;
- Within internal wall partitioning;
- Inside mechanical/plant equipment;
- Gaskets, mastics and sealants to pipe-work, ductwork, mechanical equipment and construction/expansion joints.



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Summary of findings:

A Block

The existing asbestos register lists the following confirmed or suspected Asbestos Containing Materials (ACMs) that are located within the section of A Block proposed for demolition:

- Level 9, Roof – Bituminous floor covering (Non-friable) (Item 1 on register)
- Levels 6, 7 and 8, Exterior veranda – Bituminous floor covering and eaves lining (Non-friable) (Items 10,11,14,15,22,23,25 & 26 on register)
- Level 3, South foyer services cupboard (DB-A3) – Electrical backing board (Non-friable) (Item 48 on register)
- Level 3, PABX room and adjacent hallway ceiling space – Pipe lagging (Friable) (Item 53 on register)
- Level 3, cleaners cupboard G1, services duct to ceiling – Ceiling tiles (Non-friable) (Item 57 on register)

Very small amounts of SMF were observed within services cupboards as pipe insulation. The amounts observed would have a negligible affect on the costings of demolition work.

No suspected lead containing paint was observed in internal or external areas.

All information listed above in relation to A Block is for general information only and should not be relied upon as a thorough list of all ACMs present. A full survey should be conducted prior to demolition works when the area is unoccupied to ensure that all ACMs are identified.

24 Dalziel Street, Lismore NSW

ACMs confirmed in the following area:

- External, all elevations - Soffit linings

No SMF or suspected lead paint was observed.



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28 Dalziel Street, Lismore NSW

ACMs confirmed in the following area:

- External, all elevations - Soffit linings

No SMF or suspected lead paint was observed.

67 Uralba Street, Lismore NSW

ACMs confirmed in the following areas:

- Downstairs, rear entrance area – ceiling lining
- Downstairs store room – ceiling lining
- Upstairs - top of rear stairs – wall lining
- External infill around bottom of house

No SMF or suspected lead paint was observed.

69 Uralba Street, Lismore NSW

ACMs confirmed in the following areas:

- Garage – Wall panel to subfloor area
- Subfloor area – Debris on ground
- External, East elevation – pipe
- Garage wall lining
- Soffit linings

SMF Insulation (Insulation batts) present on top of ceilings within the roof space. Small amount of SMF present as insulation around pipe within the subfloor area.

No suspected lead paint was observed.



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Photographic Record:

24 Dalziel Street
Lismore, NSW





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Photo No. 1	Date 19/11/2014
Location External – Soffit lining	
Sample Reference 00006107D-001	
ACM / NAD ACM	Nature of ACM Non-friable
Comments Soffit linings on all elevations of the house. In good condition and painted. Paint flaking in areas.	



Photo No. 2	Date 19/11/2014
Location Under house - Debris	
Sample Reference Presumed	
ACM / NAD Presumed ACM	Nature of ACM Non-friable
Comments Suspected ACM debris visible beneath the house on the Eastern side. Access beneath the house was not possible therefore a sample could not be collected and the extent is unknown. The debris was visually consistent with non-friable fibre cement sheeting.	





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Photo No. 3	Date 19/11/2014
Location External, Eastern elevation	
Sample Reference -	
ACM / NAD -	Nature of ACM -
Comments Access beneath the house restricted. Suspected ACM debris visible beyond fence on the Eastern elevation. (Refer to photo 2).	



Photo No. 4	Date 19/11/2014
Location Living room – Chimney	
Sample Reference 00006107D-002	
ACM / NAD NAD	Nature of ACM -
Comments Insulation material within the chimney. Sample collected from directly above the fireplace. Result of analysis is No Asbestos Detected (NAD)	





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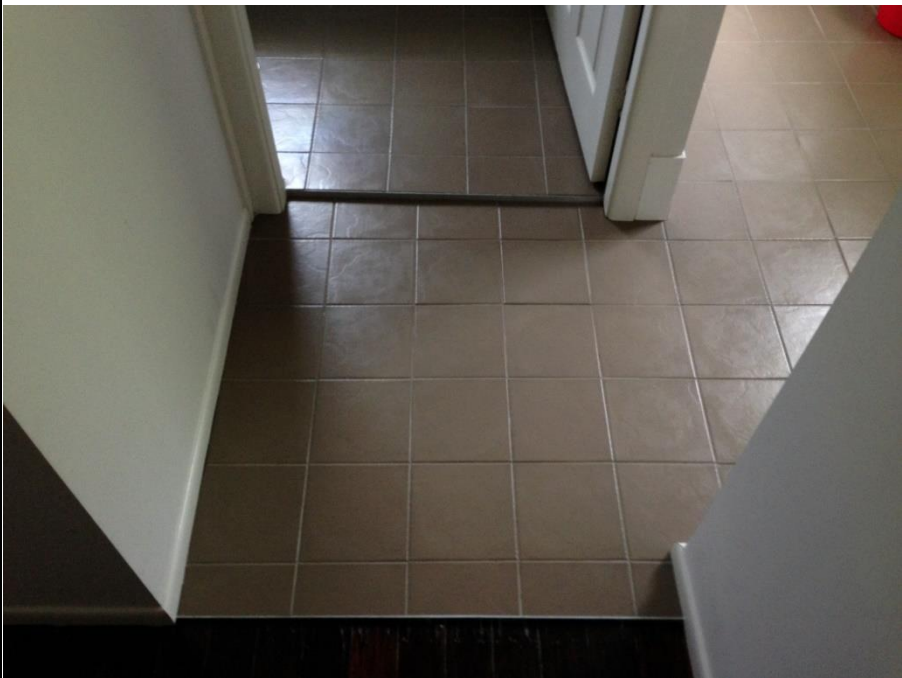
Photo No. 5	Date 19/11/2014	
Location Internal – All rooms		
Sample Reference -		
ACM / NAD NAD	Nature of ACM -	
Comments Wall and ceiling linings throughout the house were visually identified on-site as non-asbestos-containing plasterboard material.		


Photo No. 6	Date 19/11/2014	
Location Internal – Wet areas		
Sample Reference -		
ACM / NAD NAD	Nature of ACM -	
Comments Flooring in bathroom and laundry visually identified on-site as being non-asbestos-containing ceramic tiles. Although access beneath the tiles was not possible, there was no evidence to suggest that ACMs were present beneath the tiles.		



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Photo No. 7	Date 19/11/2014	
Location Bathroom		
Sample Reference -		
ACM / NAD -	Nature of ACM -	
Comments Wall linings in the bathroom covered with tiles from floor to ceiling. Access to wall linings was therefore restricted, however given the absence of ACM wall linings throughout the rest of the house, the likelihood of the bathroom wall linings being ACM is low.		



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28 Dalziel Street Lismore, NSW





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Photo No. 8	Date 19/11/2014
Location External – Soffit lining	
Sample Reference 00006107C-002	
ACM / NAD ACM	Nature of ACM Non-friable
Comments Soffit linings on all elevations of the house. In good condition and painted. Paint flaking in areas.	



Photo No. 9	Date 19/11/2014
Location External, rear of house – Retaining wall	
Sample Reference 00006107C-003	
ACM / NAD NAD	Nature of ACM -
Comments Fibre cement sheeting used as part of a retaining wall between the rear (North) elevation of the house and adjoining soil. Result of analysis is No Asbestos Detected (NAD).	





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Photo No. 10	Date 19/11/2014	
Location Living room - Chiney		
Sample Reference 00006107C-001		
ACM / NAD NAD	Nature of ACM -	
Comments Insulation material within the chimney. Sample collected from directly above the fireplace. Result of analysis is No Asbestos Detected (NAD).		

Photo No. 11	Date 19/11/2014	
Location Internal – All rooms		
Sample Reference -		
ACM / NAD NAD	Nature of ACM -	
Comments Wall and ceiling linings throughout the house were visually identified on-site as non-asbestos-containing plasterboard material.		



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Photo No. 12	Date 19/11/2014	
Location Bathroom		
Sample Reference -		
ACM / NAD -	Nature of ACM -	
Comments Wall linings in the bathroom covered with tiles from floor to ceiling. Access to wall linings was therefore restricted, however given the absence of ACM wall linings throughout the rest of the house, the likelihood of the bathroom wall linings being ACM is low.		
Photo No. 13	Date 19/11/2014	
Location Internal – Wet areas		
Sample Reference -		
ACM / NAD NAD	Nature of ACM -	
Comments Flooring in bathroom and laundry visually identified on-site as being non-asbestos-containing concrete tiles. Although access beneath the tiles was not possible, there was no evidence to suggest that ACMs were present beneath the tiles.		




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Photo No. 14	Date 19/11/2014	
Location External		
Sample Reference -		
ACM / NAD -	Nature of ACM -	
Comments Access beneath the house restricted.		



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67 Uralba Street Lismore, NSW





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Photo No. 15	Date 19/11/2014
Location Sub-floor – Infill panels	
Sample Reference 00006107A-005	
ACM / NAD NAD	Nature of ACM -
Comments Fibre cement panels within the sub-floor space, situated around concrete used for flooring above. Result of analysis is No Asbestos Detected (NAD).	



Photo No. 16	Date 19/11/2014
Location Downstairs – Storage room	
Sample Reference 00006107A-004	
ACM / NAD NAD	Nature of ACM -
Comments Wall linings on the South and West walls are visually consistent with each other. Sample collected from South wall. Wall linings on the North and East walls visually identified on-site as being non-asbestos-containing Masonite material.	





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Photo No. 17	Date 19/11/2014
Location Downstairs – Storage room	
Sample Reference 00006107A-003	
ACM / NAD ACM	Nature of ACM Non-friable
Comments Ceiling lining in the storage room confirmed as being non-friable ACM. In good condition and painted.	



Photo No. 18	Date 19/11/2014
Location Downstairs - Rear entrance	
Sample Reference 00006107A-001	
ACM / NAD NAD	Nature of ACM -
Comments Fibre cement wall linings on the East wall. Results of analysis NAD. Linings on remaining walls visually identified on-site as being non-asbestos-containing Masonite material.	





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Photo No. 19	Date 19/11/2014
Location Downstairs – Rear entrance	
Sample Reference 00006107A-002	
ACM / NAD ACM	Nature of ACM Non-friable
Comments Ceiling lining in the rear entrance confirmed by analysis as being non-friable ACM. In good condition and painted.	



Photo No. 20	Date 19/11/2014
Location Downstairs – Rear entrance	
Sample Reference -	
ACM / NAD	Nature of ACM
Comments Access to electrical box located in the rear entrance not possible due to live power.	





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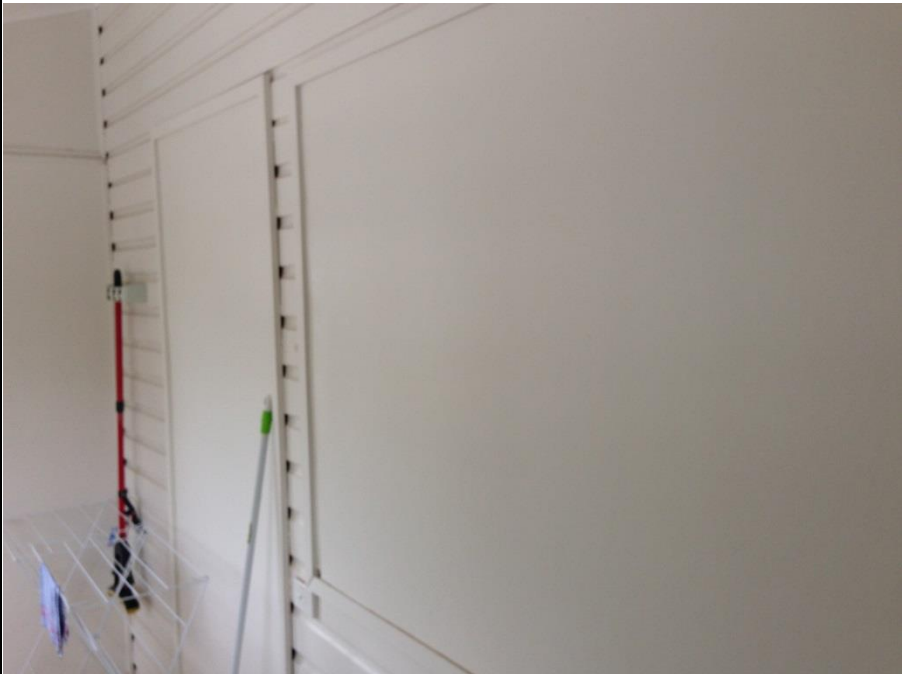
Photo No. 21	Date 19/11/2014	
Location Staircase wall linings		
Sample Reference 00006107A-006		
ACM / NAD ACM	Nature of ACM Non-friable	
Comments Wall panels surrounding the staircase at the rear of the house confirmed by analysis as being non-friable ACM. All panels are in good condition and painted.		

Photo No. 22	Date 19/11/2014	
Location Upstairs – stair landing		
Sample Reference 00006107A-009		
ACM / NAD NAD	Nature of ACM -	
Comments X2 infill panels on the North wall of the stair landing area. Results of analysis NAD.		



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Photo No. 23	Date 19/11/2014	
Location Upstairs – Stair landing		
Sample Reference -		
ACM / NAD NAD	Nature of ACM -	
Comments Ceiling lining of the stair landing area visually identified on site as being a non-asbestos-containing horsehair plaster material.		
Photo No. 24	Date 19/11/2014	
Location External – lower wall panels		
Sample Reference 00006107A-007		
ACM / NAD ACM	Nature of ACM Non-friable	
Comments Lower wall panels on Eastern elevation confirmed by analysis as being non-friable ACM. In good condition and painted.		



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Photo No. 25	Date 19/11/2014	
Location External – lower wall panels		
Sample Reference Same as 00006107A-007		
ACM / NAD ACM	Nature of ACM Non-friable	
Comments Lower wall panels on West and South elevations visually consistent with East elevation lower wall panels (Sample 00006107A-007). In good condition and painted.		
Photo No. 26	Date 19/11/2014	
Location Upstairs – stair landing / laundry		
Sample Reference -		
ACM / NAD NAD	Nature of ACM -	
Comments Vinyl floor sheeting in the laundry visually identified on site as being non-asbestos containing vinyl laid on concrete. Vinyl floor sheeting in the stair landing visually identified on site as being non-asbestos containing vinyl laid directly on floor timbers.		



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Photo No. 27	Date 19/11/2014	
Location Kitchen		
Sample Reference -		
ACM / NAD NAD	Nature of ACM -	
Comments Vinyl floor sheeting in the kitchen visually identified on site as being non-asbestos containing vinyl laid directly on floor timbers.		
Photo No. 28	Date 19/11/2014	
Location Upstairs – walls and ceilings		
Sample Reference -		
ACM / NAD NAD	Nature of ACM -	
Comments Wall and ceiling linings throughout the upstairs of the house were visually identified on-site as non-asbestos-containing plasterboard material.		



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Photo No. 29	Date 19/11/2014
Location External - soffits	
Sample Reference -	
ACM / NAD NAD	Nature of ACM -
Comments Soffit linings on all elevations visually identified on site as being non-asbestos-containing timber.	



Photo No. 30	Date 19/11/2014
Location External – service pits	
Sample Reference -	
ACM / NAD -	Nature of ACM -
Comments x2 service pits on footpath outside 67 Uralba Street not able to be accessed during the survey.	





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69 Uralba Street Lismore, NSW





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Photo No. 31	Date 19/11/2014
Location External - soffits	
Sample Reference 00006107B-005	
ACM / NAD ACM	Nature of ACM Non-friable
Comments Soffit linings on all elevations confirmed by analysis as being non-friable ACM.	

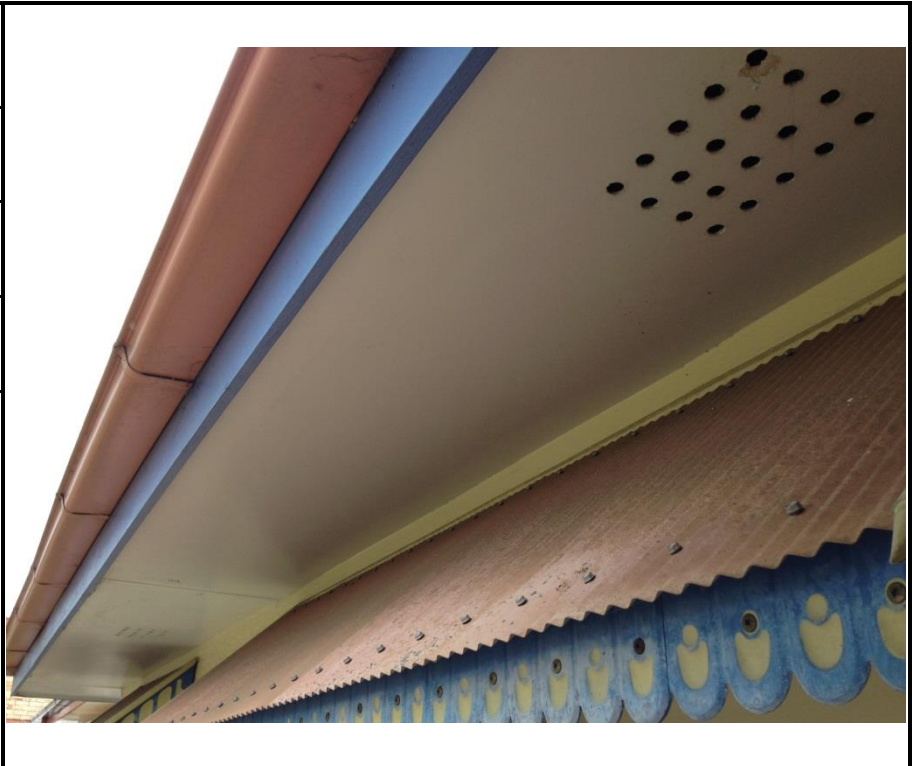


Photo No. 32	Date 19/11/2014
Location External – Front porch	
Sample Reference -	
ACM / NAD NAD	Nature of ACM -
Comments Ceiling linings visually identified on site as being non-asbestos-containing wood material.	





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Photo No. 33	Date 19/11/2014
Location External – vent pipe	
Sample Reference 00006107B-003	
ACM / NAD ACM	Nature of ACM Non-friable
Comments Vent pipe on Eastern elevation confirmed by analysis as being non-friable ACM.	



Photo No. 34	Date 19/11/2014
Location Upstairs	
Sample Reference -	
ACM / NAD NAD	Nature of ACM -
Comments Wall and ceiling linings throughout the upstairs of the house visually identified on site as being a mixture of non-asbestos-containing plasterboard, timber veneer and Masonite materials.	





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Photo No. 35	Date 19/11/2014	
Location Upstairs		
Sample Reference -		
ACM / NAD NAD	Nature of ACM -	
Comments Wall and ceiling linings throughout the upstairs of the house visually identified on site as being a mixture of non-asbestos-containing plasterboard, timber veneer and Masonite materials.		
Photo No. 36	Date 19/11/2014	
Location Upstairs		
Sample Reference -		
ACM / NAD NAD	Nature of ACM -	
Comments Floor linings throughout the upstairs of the house visually identified on site as being a non-asbestos-containing vinyl laid on a chipboard material.		



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Photo No. 37	Date 19/11/2014	
Location Upstairs		
Sample Reference -		
ACM / NAD NAD	Nature of ACM -	
Comments Wall and ceiling linings throughout the built-in downstairs area at the rear of the house visually identified on site as being non-asbestos-containing plasterboard material.		
Photo No. 38	Date 19/11/2014	
Location Upstairs		
Sample Reference -		
ACM / NAD NAD	Nature of ACM -	
Comments Floor linings throughout the built-in downstairs area at the rear of the house visually identified on site as being a non-asbestos-containing vinyl laid on a chipboard material.		



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Photo No. 39	Date 19/11/2014	
Location Garage		
Sample Reference 00006107B-001		
ACM / NAD ACM	Nature of ACM Non-friable	
Comments Wall linings on the Eastern wall in the garage confirmed by analysis as being non-friable ACM. In good condition and painted.		

Photo No. 40	Date 19/11/2014	
Location Sub floor		
Sample Reference 00006107B-004		
ACM / NAD ACM	Nature of ACM Non-friable	
Comments Wall panels within the sub floor confirmed by analysis as being non-friable ACM. In good condition. Rear side unpainted.		



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Photo No. 41	Date 19/11/2014	
Location Sub floor		
Sample Reference 00006107B-002		
ACM / NAD ACM	Nature of ACM Non-friable	
Comments Debris present scattered within the sub floor space. Confirmed by analysis as being non-friable ACM. In poor condition and unpainted.		
Photo No. 42	Date 19/11/2014	
Location Sub floor		
Sample Reference -		
ACM / NAD NAD	Nature of ACM -	
Comments Insulation covering pipe suspended within the sub floor area visually identified on site as synthetic mineral fibre (SMF).		



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Photo No. 43	Date 19/11/2014	
Location External		
Sample Reference -		
ACM / NAD -	Nature of ACM -	
Comments x2 service pits on footpath outside 69 Uralba Street not able to be accessed during the survey.		

Attachments:

1. 00006107A 67 Uralba Street Lismore Asb ID Report
2. 00006107B 69 Uralba Street Lismore Asb ID Report
3. 00006107C 28 Dalziel Street Lismore Asb ID Report
4. 00006107D 24 Dalziel Street Lismore Asb ID Report
5. 00006107E Lismore Base Hospital Uralba Street Lismore Asb ID Report
6. Existing asbestos register

Report Reference: CUS000/00006107E/Lismore Base Hospital, Uralba Street, Lismore NSW

Friday 21st November 2014

Suzanne Nieuwenhuizen
Aurora Projects Pty Ltd
Level 6, 50 Berry Street
NORTH SYDNEY NSW 2060

Dear Suzanne,

**RE: Test Report - Asbestos Fibre Identification Analysis
Lismore Base Hospital, Uralba Street, Lismore NSW**

On Thursday 20th November 2014, two (2) samples were taken by Martyn Andrew of Environmental & Laboratory Solutions (ELS) Pty Ltd as requested by Suzanne Nieuwenhuizen of Aurora Projects Pty Ltd. The samples were taken from Lismore Base Hospital, Uralba Street, Lismore NSW.

As requested, Asbestos Fibre Identification Analysis was performed on the samples submitted.

The attached Table One describes the sample description, sample dimensions and sample analysis result/s of the samples submitted.

If any further information is required, please do not hesitate to contact Environmental & Laboratory Solutions Pty Ltd on the number shown above.

Kind Regards

Environmental & Laboratory Solutions Pty Ltd



**Jade Smith
Approved Signatory**



**Accreditation No. 18452
Accredited for compliance
with ISO/IEC 17025
The results of the tests,
calibrations and /or
measurements included in this
document are traceable to
Australian/national standards**

Table One: Asbestos Fibre Identification Analysis Result/s

The samples were analysed in our NATA accredited laboratory (accreditation number: 18452) using Stereo Microscopy & Polarised Light Microscopy (PLM), including Dispersion Staining (DS) in accordance with ELS Test Method One, Asbestos in Bulk Materials, which is based on the guidelines of Australian Standard 4964-2004 Method for the qualitative identification of asbestos in bulk samples.

Sample ID	Sample Location / Sample Description / Sample Dimensions	Analysis Result	
		Type of Asbestos Present	Other Fibres (organic / SMF)
00006107E-001	Level 9, roof membrane Beige painted black / brown fibrous bitumen sheet material ~112 x 103 x 2 mm	Chrysotile (White Asbestos)	-
00006107E-002	Level 3, PABX room – floor tile Black flex vinyl sheet and attached amber adhesive material ~80 x 25 x 3 mm	No Asbestos Detected	Organic SMF

Notes:

- Non-Homogenous samples (including soil, dust, debris and tape samples) are not covered by the scope of this accreditation
- The results within this test report relate only to the sample(s) submitted for testing
- The sample(s) will be kept for six months, and then disposed of, unless otherwise directed
- Other fibres must be “part of” the material matrix
- Fibre treatment can affect optical properties and therefore, identification
- SMF: Synthetic Mineral Fibre MFUT: Mineral Fibre of Unknown Type
- This document should not be reproduced except in full. Sampling is not covered by the scope of NATA accreditation



Jade Smith
Approved Identifier

Report Reference: CUS000/00006107A/67 Uralba Street, Lismore

Friday 21st November 2014

Suzanne Nieuwenhuizen
Aurora Projects Pty Ltd
Level 6, 50 Berry Street
NORTH SYDNEY NSW 2060

Dear Suzanne,

**RE: Test Report - Asbestos Fibre Identification Analysis
67 Uralba Street, Lismore**

On Wednesday 19th November 2014, ten (10) samples were taken by Ben Hardstaff of Environmental & Laboratory Solutions (ELS) Pty Ltd as requested by Suzanne Nieuwenhuizen of Aurora Projects Pty Ltd. The samples were taken from 67 Uralba Street, Lismore.

As requested, Asbestos Fibre Identification Analysis was performed on the samples submitted.

The attached Table One describes the sample description, sample dimensions and sample analysis result/s of the samples submitted.

If any further information is required, please do not hesitate to contact Environmental & Laboratory Solutions Pty Ltd on the number shown above.

Kind Regards

Environmental & Laboratory Solutions Pty Ltd



**Jade Smith
Approved Signatory**



**Accreditation No. 18452
Accredited for compliance
with ISO/IEC 17025
The results of the tests,
calibrations and /or
measurements included in this
document are traceable to
Australian/national standards**

Table One: Asbestos Fibre Identification Analysis Result/s

The samples were analysed in our NATA accredited laboratory (accreditation number: 18452) using Stereo Microscopy & Polarised Light Microscopy (PLM), including Dispersion Staining (DS) in accordance with ELS Test Method One, Asbestos in Bulk Materials, which is based on the guidelines of Australian Standard 4964-2004 Method for the qualitative identification of asbestos in bulk samples.

Sample ID	Sample Location / Sample Description / Sample Dimensions	Analysis Result	
		Type of Asbestos Present	Other Fibres (organic / SMF)
00006107A-001	Downstairs, rear entrance area – wall lining White painted beige fibre cement sheet material ~21 x 12 x 6 mm	No Asbestos Detected	Organic
00006107A-002	Downstairs, rear entrance area – ceiling lining White painted grey fibre cement sheet material ~47 x 17 x 5 mm	Chrysotile (White Asbestos) Amosite (Brown Asbestos)	-
00006107A-003	Downstairs store room – ceiling lining White painted grey fibre cement sheet material ~41 x 21 x 5 mm	Chrysotile (White Asbestos) Amosite (Brown Asbestos)	-
00006107A-004	Downstairs store room – wall lining Beige fibre cement sheet material ~33 x 12 x 5 mm	No Asbestos Detected	Organic

Sample ID	Sample Location / Sample Description / Sample Dimensions	Analysis Result	
		Type of Asbestos Present	Other Fibres (organic / SMF)
00006107A-005	Under house – infill panels Unpainted beige fibre cement sheet material ~21 x 12 x 4 mm	No Asbestos Detected	Organic
00006107A-006	Upstairs - top of rear stairs – wall lining Beige painted grey fibre cement sheet material ~29 x 13 x 5 mm	Chrysotile (White Asbestos) Amosite (Brown Asbestos)	-
00006107A-007	External infill around bottom of house Cream painted beige / grey fibre cement sheet material ~62 x 12 x 4 mm	Chrysotile (White Asbestos) Amosite (Brown Asbestos)	-
00006107A-008	External infill panel – South facing White painted beige fibre cement sheet material ~29 x 13 x 4 mm	No Asbestos Detected	Organic
00006107A-009	Rear stairwell landing – infill panels White painted beige fibre cement sheet material ~22 x 20 x 4 mm	No Asbestos Detected	Organic

Sample ID	Sample Location / Sample Description / Sample Dimensions	Analysis Result	
		Type of Asbestos Present	Other Fibres (organic / SMF)
00006107A-010	Chimney - insulation Beige compressed powder material ~15 x 12 x 4 mm	No Asbestos Detected	-

Notes:

- Non-Homogenous samples (including soil, dust, debris and tape samples) are not covered by the scope of this accreditation
- The results within this test report relate only to the sample(s) submitted for testing
- The sample(s) will be kept for six months, and then disposed of, unless otherwise directed
- Other fibres must be "part of" the material matrix
- Fibre treatment can affect optical properties and therefore, identification
- SMF: Synthetic Mineral Fibre MFUT: Mineral Fibre of Unknown Type
- This document should not be reproduced except in full. Sampling is not covered by the scope of NATA accreditation



Jade Smith
Approved Identifier

Report Reference: CUS000/00006107B/69 Uralba Street, Lismore

Friday 21st November 2014

Suzanne Nieuwenhuizen
Aurora Projects Pty Ltd
Level 6, 50 Berry Street
NORTH SYDNEY NSW 2060

Dear Suzanne,

**RE: Test Report - Asbestos Fibre Identification Analysis
69 Uralba Street, Lismore**

On Wednesday 19th November 2014, six (6) samples were taken by Ben Hardstaff of Environmental & Laboratory Solutions (ELS) Pty Ltd as requested by Suzanne Nieuwenhuizen of Aurora Projects Pty Ltd. The samples were taken from 69 Uralba Street, Lismore.

As requested, Asbestos Fibre Identification Analysis was performed on the samples submitted.

The attached Table One describes the sample description, sample dimensions and sample analysis result/s of the samples submitted.

If any further information is required, please do not hesitate to contact Environmental & Laboratory Solutions Pty Ltd on the number shown above.

Kind Regards

Environmental & Laboratory Solutions Pty Ltd



**Jade Smith
Approved Signatory**



**Accreditation No. 18452
Accredited for compliance
with ISO/IEC 17025
The results of the tests,
calibrations and /or
measurements included in this
document are traceable to
Australian/national standards**

Table One: Asbestos Fibre Identification Analysis Result/s

The samples were analysed in our NATA accredited laboratory (accreditation number: 18452) using Stereo Microscopy & Polarised Light Microscopy (PLM), including Dispersion Staining (DS) in accordance with ELS Test Method One, Asbestos in Bulk Materials, which is based on the guidelines of Australian Standard 4964-2004 Method for the qualitative identification of asbestos in bulk samples.

Sample ID	Sample Location / Sample Description / Sample Dimensions	Analysis Result	
		Type of Asbestos Present	Other Fibres (organic / SMF)
00006107B-001	Panel from garage to basement Cream painted grey fibre cement sheet material ~27 x 15 x 5 mm	Chrysotile (White Asbestos) Amosite (Brown Asbestos)	-
00006107B-002	From under the house off the ground. Unpainted grey fibre cement sheet material ~94 x 42 x 5 mm	Chrysotile (White Asbestos) Amosite (Brown Asbestos)	-
00006107B-003	External pipe – East elevation Cream painted grey fibre cement sheet material ~21 x 6 x 6 mm	Chrysotile (White Asbestos) Amosite (Brown Asbestos)	-
00006107B-004	Garage wall lining Cream painted grey fibre cement material ~24 x 8 x 2 mm	Chrysotile (White Asbestos) Amosite (Brown Asbestos)	-

Sample ID	Sample Location / Sample Description / Sample Dimensions	Analysis Result	
		Type of Asbestos Present	Other Fibres (organic / SMF)
00006107B-005	Soffit Pale blue painted grey fibre cement sheet material ~37 x 12 x 4 mm	Chrysotile (White Asbestos) Amosite (Brown Asbestos)	-
00006107B-006	Garage door window putty Yellow painted beige hardened mastic material ~48 x 16 x 14 mm	No Asbestos Detected	-

Notes:

- Non-Homogenous samples (including soil, dust, debris and tape samples) are not covered by the scope of this accreditation
- The results within this test report relate only to the sample(s) submitted for testing
- The sample(s) will be kept for six months, and then disposed of, unless otherwise directed
- Other fibres must be "part of" the material matrix
- Fibre treatment can affect optical properties and therefore, identification
- SMF: Synthetic Mineral Fibre MFUT: Mineral Fibre of Unknown Type
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Jade Smith
Approved Identifier

Report Reference: CUS000/00006107C/28 Dalzier Street, Lismore

Friday 21st November 2014

Suzanne Nieuwenhuizen
Aurora Projects Pty Ltd
Level 6, 50 Berry Street
NORTH SYDNEY NSW 2060

Dear Suzanne,

**RE: Test Report - Asbestos Fibre Identification Analysis
28 Dalzier Street, Lismore**

On Wednesday 19th November 2014, three (3) samples were taken by Ben Hardstaff Environmental & Laboratory Solutions (ELS) Pty Ltd as requested by Suzanne Nieuwenhuizen of Aurora Projects Pty Ltd. The samples were taken from 28 Dalzier Street, Lismore.

As requested, Asbestos Fibre Identification Analysis was performed on the samples submitted.

The attached Table One describes the sample description, sample dimensions and sample analysis result/s of the samples submitted.

If any further information is required, please do not hesitate to contact Environmental & Laboratory Solutions Pty Ltd on the number shown above.

Kind Regards

Environmental & Laboratory Solutions Pty Ltd



**Jade Smith
Approved Signatory**



**Accreditation No. 18452
Accredited for compliance
with ISO/IEC 17025
The results of the tests,
calibrations and /or
measurements included in this
document are traceable to
Australian/national standards**

Table One: Asbestos Fibre Identification Analysis Result/s

The samples were analysed in our NATA accredited laboratory (accreditation number: 18452) using Stereo Microscopy & Polarised Light Microscopy (PLM), including Dispersion Staining (DS) in accordance with ELS Test Method One, Asbestos in Bulk Materials, which is based on the guidelines of Australian Standard 4964-2004 Method for the qualitative identification of asbestos in bulk samples.

Sample ID	Sample Location / Sample Description / Sample Dimensions	Analysis Result	
		Type of Asbestos Present	Other Fibres (organic / SMF)
00006107C-001	Chimney insulation Beige compressed powder insulation material ~16 x 9 x 2 mm	No Asbestos Detected	Organic
00006107C-002	Soffit lining Pale green painted grey fibre cement sheet material ~22 x 13 x 4 mm	Chrysotile (White Asbestos)	Organic
00006107C-003	External retaining wall – rear of house Unpainted beige fibre cement sheet material ~35 x 16 x 6 mm	No Asbestos Detected	Organic

Notes:

- Non-Homogenous samples (including soil, dust, debris and tape samples) are not covered by the scope of this accreditation
- The results within this test report relate only to the sample(s) submitted for testing
- The sample(s) will be kept for six months, and then disposed of, unless otherwise directed
- Other fibres must be “part of” the material matrix
- Fibre treatment can affect optical properties and therefore, identification
- SMF: Synthetic Mineral Fibre MFUT: Mineral Fibre of Unknown Type
- This document should not be reproduced except in full. Sampling is not covered by the scope of NATA accreditation

Z. G. Mason

Zara Mason
Approved Identifier

Report Reference: CUS000/00006107D/24 Dalzier Street, Lismore

Friday 21st November 2014

Suzanne Nieuwenhuizen
Aurora Projects Pty Ltd
Level 6, 50 Berry Street
NORTH SYDNEY NSW 2060

Dear Suzanne,

**RE: Test Report - Asbestos Fibre Identification Analysis
24 Dalzier Street, Lismore**

On Wednesday 19th November 2014, two (2) samples were taken by Ben Hardstaff of Environmental & Laboratory Solutions (ELS) Pty Ltd as requested by Suzanne Nieuwenhuizen of Aurora Projects Pty Ltd. The samples were taken from 24 Dalzier Street, Lismore.

As requested, Asbestos Fibre Identification Analysis was performed on the samples submitted.

The attached Table One describes the sample description, sample dimensions and sample analysis result/s of the samples submitted.

If any further information is required, please do not hesitate to contact Environmental & Laboratory Solutions Pty Ltd on the number shown above.

Kind Regards

Environmental & Laboratory Solutions Pty Ltd



**Jade Smith
Approved Signatory**



**Accreditation No. 18452
Accredited for compliance
with ISO/IEC 17025
The results of the tests,
calibrations and /or
measurements included in this
document are traceable to
Australian/national standards**

Table One: Asbestos Fibre Identification Analysis Result/s

The samples were analysed in our NATA accredited laboratory (accreditation number: 18452) using Stereo Microscopy & Polarised Light Microscopy (PLM), including Dispersion Staining (DS) in accordance with ELS Test Method One, Asbestos in Bulk Materials, which is based on the guidelines of Australian Standard 4964-2004 Method for the qualitative identification of asbestos in bulk samples.

Sample ID	Sample Location / Sample Description / Sample Dimensions	Analysis Result	
		Type of Asbestos Present	Other Fibres (organic / SMF)
00006107D -001	Chimney Insulation Beige compressed cementitious powder material ~17 x 7 x 2 mm	No Asbestos Detected	-
00006107D -002	External Soffit Cream painted grey fibre cement sheet material ~24 x 22 x 3 mm	Chrysotile (White Asbestos) Amosite (Brown Asbestos) Crocidolite (Blue Asbestos)	-

Notes:

- Non-Homogenous samples (including soil, dust, debris and tape samples) are not covered by the scope of this accreditation
- The results within this test report relate only to the sample(s) submitted for testing
- The sample(s) will be kept for six months, and then disposed of, unless otherwise directed
- Other fibres must be "part of" the material matrix
- Fibre treatment can affect optical properties and therefore, identification
- SMF: Synthetic Mineral Fibre MFUT: Mineral Fibre of Unknown Type
- This document should not be reproduced except in full. Sampling is not covered by the scope of NATA accreditation



Jade Smith
Approved Identifier

North Coast Area Health Services Asbestos Register - June 2006



Building Name: Block A

Construction Date (circa): 1963

Ceilings: Plasterboard, Fibre-Cement and Ceiling Tiles (SMF)

Noel Arnold & Associates Pty Ltd

Building Location: Lismore Base Hospital, Uralba Street, Lismore NSW

Levels: 9

Approximate Area (m²): 8000

Roof Type: Concrete Slab and Bituminous

L2, 11 Kharloum Road, North Ryde NSW 2113

Floor: Concrete

Phone: (02) 9889 1800, Fax: (02) 9889 1811

Asset I.D No.: LB05

Construction Type: Brick and Fibre-Cement

Floor Covering: Carpet

Assessment Date: 26/04/06

Internal Walls: Brick, Block Work, Plasterboard and Fibre-Cement

Assessor: Jared Clifford

Item ID #	Location (Level, Room/Area, Specific Location) Comments	Application/Feature	Material	Sample No.	Sample Status	Photo No.	Extent	Labelled	Condition	Friability	Disturbance Potential	Risk Level	Priority Rating	Re-Survey	Action	Date	Clearance Cert on File Y/N
1	Level 9, Roof	Floor Covering	Bituminous Material	Same As 47909-LB05-04	Assumed Positive	4	20m ²	yes	Poor	Non-Friable	Low	Low	P3	Sep-14	Condition checked by J Coombes 6/9/2013 Roof membrane deteriorated and needs replacing	Sep-13	
2	Level 9, Plant Room Entrance Door (North)	Fire Door	Insulation Core	47909-LB05-05	Negative	-	-	-	-	-	-	-	-	-			
3	Level 9, Plant Room Foyer Area/Stairwell Foyer	Ceiling	Vermiculite	47909-LB05-06	Negative	-	-	-	-	-	-	-	-	-			
4	Level 9, Roof Exterior	Roof Covering	Bituminous Material	47909-LB05-07	Negative	-	-	-	-	-	-	-	-	-			
5	Level 8, A8 Children's Ward, Play Room (East)	Infill Panel Above Door	Flat Fibre-Cement Sheeting	47909-LB05-01	Negative	-	-	-	-	-	-	-	-	-			
6	Level 8, A8 Children's Ward, Servery	Walls (All)	Flat Fibre-Cement Sheeting	47909-LB05-02	Negative	-	-	-	-	-	-	-	-	-			
7	Level 8, A8 Children's Ward Staff Kitchen	Walls (All)	Flat Fibre-Cement Sheeting	Same As 47909-LB05-02	Assumed Negative	-	-	-	-	-	-	-	-	-			
8	Level 8, A8 Children's Ward, Staff Lunch Room	Ceiling	Flat Fibre-Cement Sheeting	47909-LB05-03	Negative	-	-	-	-	-	-	-	-	-			
9	Level 8, A8 Children's Ward, EBB No.11 Cupboard DB-O8 *Not sampled due to live electricity	Electrical Backing Board	Electrical Backing Board	-	Suspected Positive	-	1m ²	yes	Good	Non-Friable	Low	Low	P4	Sep-14			
10	Level 8, A8 Children's Ward, Exterior Verandah (South)	Floor Covering	Bituminous Material	47909-LB05-04	Positive	-	20m ²	no	Good	Non-Friable	Low	Low	P4	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
	Level 8 Childerens ward Airconditioning Ducts (heater Banks)	Heater backing board	Flat fibre cement sheeting	Sample ID 75471-01/02/03	Negative	-	4m		Good						Sampled July 09 no asbestos Detected	Sep-13	Yes
11	Level 8, A8 Children's Ward, Exterior Verandah (South)	Eaves	Flat Fibre-Cement Sheeting	Same As 47909-LB05-10	Assumed Positive	-	20m ²	no	Good	Non-Friable	Low	Low	P4	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	

North Coast Area Health Services Asbestos Register - June 2006



Building Name: Block A

Construction Date (circa): 1963

Ceilings: Plasterboard, Fibre-Cement and Ceiling Tiles (SMF)

Noel Arnold & Associates Pty Ltd

Building Location: Lismore Base Hospital, Uralba Street, Lismore NSW

Levels: 9

Approximate Area (m²): 8000

Roof Type: Concrete Slab and Bituminous

L2, 11 Kharitoun Road, North Ryde NSW 2113

Asset I.D No.: LB05

Construction Type: Brick and Fibre-Cement

Floor: Concrete

Phone: (02) 9889 1800, Fax: (02) 9889 1811

Internal Walls: Brick, Block Work, Plasterboard and Fibre-Cement

Floor Covering: Carpet

Assessment Date: 26/04/06

Assessor: Jared Clifford

Item ID #	Location (Level, Room/Area, Specific Location) Comments	Application/Feature	Material	Sample No.	Sample Status	Photo No.	Extent	Labelled	Condition	Friability	Disturbance Potential	Risk Level	Priority Rating	Re-Survey	Action	Date	Clearance Cert on File Y/N
12	Level 7, North Cleaners Cupboard Riser Duct	Riser Duct	Pipe Lagging	47909-LB05-08	Positive	5	<1m ²	yes	Good	Friable	Medium	Medium	P3B	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
13	Level 7, A7 Ward Room 7, 5, 3, 9, 11	North-East Wall	Flat Fibre-Cement Sheeting	47909-LB05-09	Negative	-	-	-	-	-	-	-	-	-			
14	Level 7, A7 Exterior Verandah	Eaves	Flat Fibre-Cement Sheeting	47909-LB05-10	Positive	-	20m ²	yes	Good	Non-Friable	Low	Low	P4	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
15	Level 7, A7 Exterior Verandah	Floor Covering	Flat Bituminous Material	Same As 47909-LB05-04	Assumed Positive	-	20m ²	yes	Good	Non-Friable	Low	Low	P4	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
16	Level 7, A7 South Fire Exit	Fire Door	Insulation Core	Same As 47909-LB05-05	Assumed Negative	-	-	-	-	-	-	-	-	-			
17	Level 7, A7 Staff Lunch Room (South)	Wall (East)	Flat Fibre-Cement Sheeting	47909-LB05-11	Negative	-	-	-	-	-	-	-	-	-			
18	Level 7, A7 Ward Rooms 6, 8, 10, 12, Patients Lounge	Walls (West)	Flat Fibre-Cement Sheeting	Same As 47909-LB05-09	Assumed Negative	-	-	-	-	-	-	-	-	-			
19	Level 6, A6 Renal Unit Dirty Utility Room	Walls	Flat Fibre-Cement Sheeting	47909-LB05-12	Negative	-	-	-	-	-	-	-	-	-			
20	Level 6, A6 South Fire Exit	Fire Door	Insulation Core	47909-LB05-13	Positive	6	2m ²	yes	Good	Friable	Low	Low	P3B	Sep-14	Condition checked by J Coombes 6/9/2013	Jul-11	
21	Level 6, South Fire Exit, Stairwell	Ceiling	Vermiculite	47909-LB05-14	Negative	-	-	-	-	-	-	-	-	-			

North Coast Area Health Services Asbestos Register - June 2006



Building Name: Block A

Construction Date (circa): 1963

Ceilings: Plasterboard, Fibre-Cement and Ceiling Tiles (SMF)

Noel Arnold & Associates Pty Ltd

Building Location: Lismore Base Hospital, Uralba Street, Lismore NSW

Levels: 9

Approximate Area (m²): 8000

Roof Type: Concrete Slab and Bituminous

L2, 11 Kharloum Road, North Ryde NSW 2113

Asset I.D No.: LB05

Construction Type: Brick and Fibre-Cement

Floor: Concrete

Phone: (02) 9889 1800, Fax: (02) 9889 1811

Internal Walls: Brick, Block Work, Plasterboard and Fibre-Cement

Floor Covering: Carpet

Assessment Date: 26/04/06

Assessor: Jared Clifford

Item ID #	Location (Level, Room/Area, Specific Location) Comments	Application/Feature	Material	Sample No.	Sample Status	Photo No.	Extent	Labelled	Condition	Friability	Disturbance Potential	Risk Level	Priority Rating	Re-Survey	Action	Date	Clearance Cert on File Y/N
22	Level 6, Exterior, Verandah	Floor Covering	Bituminous Material	Same As 47909-LB05-04	Assumed Positive	-	20m ²	yes	Good	Non-Friable	Low	Low	P4	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
23	Level 6, Exterior, Verandah, Eaves	Eaves	Flat Fibre-Cement Sheeting	Same As 47909-LB05-10	Assumed Positive	-	20m ²	yes	Good	Non-Friable	Low	Low	P4	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
24	Level 6, A6 Central Ward Area	Fire Doors (Centre of Ward)	Fire Door Core	Same As 47909-LB05-13	Assumed Positive	-	4m ²	yes	Good	Friable	Low	Low	P4		Door has been replaced June 2008	Sep-13	Y
25	Level 6, 7 and 8, A6, A7, A8 Southern Verandah	Floor Covering	Bituminous Material	Same As 47909-LB05-04	Assumed Positive	-	10m ²	yes	Good	Non-Friable	Low	Low	P4	Sep-14	Condition checked by contractor 12/7/2011	Sep-13	
26	Level 6, 7 and 8, Southern Verandah	Eaves	Flat Fibre-Cement Sheeting	Same As 47909-LB05-10	Assumed Positive	-	15m ²	yes	Good	Non-Friable	Low	Low	P4	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
27	Level 6, South Verandah	Wall (West)	Flat Fibre-Cement Sheeting	47909-LB05-15	Negative	-	-	-	-	-	-	-	-	-			
28	Level 6, A6 Office Storage Room (West)	Pipe/Service Riser	Pipe Lagging	47909-LB05-16	Positive	7	6m ²	yes	Good	Friable	Low	Low-Medium	P3B	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
29	Level 5 - A6 Office Storage Room (West), Fire Door to Air Con Plant	Fire Door	Insulation Core	Same As 47909-LB05-13	Assumed Positive	-	2m ²	yes	Good	Friable	Low	Low	P3B	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
30	Level 3, Service Duct adjacent to Electrical Cupboard 32	Walls (All)	Flat Fibre-Cement Sheeting	47909-LB05-17	Negative	-	-	-	-	-	-	-	-	-			
31	Level 5, All Rooms (Wards) Toilet - in Western Section	Walls	Flat Fibre-Cement Sheeting	Same As 47909-LB05-17	Assumed Negative	-	-	-	-	-	-	-	-	-			

North Coast Area Health Services Asbestos Register - June 2006



Building Name: Block A

Construction Date (circa): 1963

Ceilings: Plasterboard, Fibre-Cement and Ceiling Tiles (SMF)

Noel Arnold & Associates Pty Ltd

Building Location: Lismore Base Hospital, Uralba Street, Lismore NSW

Levels: 9

Approximate Area (m²): 8000

Roof Type: Concrete Slab and Bituminous

L2, 11 Kharitoun Road, North Ryde NSW 2113

Phone: (02) 9889 1800, Fax: (02) 9889 1811

Asset I.D No.: LB05

Construction Type: Brick and Fibre-Cement

Floor: Concrete

Assessment Date: 26/04/06

Internal Walls: Brick, Block Work, Plasterboard and Fibre-Cement

Assessor: Jared Clifford

Item ID #	Location (Level, Room/Area, Specific Location) Comments	Application/Feature	Material	Sample No.	Sample Status	Photo No.	Extent	Labelled	Condition	Friability	Disturbance Potential	Risk Level	Priority Rating	Re-Survey	Action	Date	Clearance Cert on File Y/N
32	Level 5 - Verandah Exterior - East and West Verandah Walls	Walls	Flat Fibre-Cement Sheeting	47909-LB05-18	Negative	-	-	-	-	-	-	-	-	-			
33	Level 4, Women's Wards Room 5, 7, 3, 1	Wall (West)	Flat Fibre-Cement Sheeting	47909-LB05-26	Negative	-	-	-	-	-	-	-	-	-			
34	Level 4, Women's Wards Room 8, 6, 2	Wall (East)	Flat Fibre-Cement Sheeting	Same As 47909-LB05-26	Assumed Negative	-	-	-	-	-	-	-	-	-			
35	Level 4, North Verandah, South Floor	Floor Covering	Bituminous Material	Same As 47909-LB05-04	Assumed Positive	-	20m ²	yes	Good	Non-Friable	Low	Low	P4	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
36	Level 4, North Verandah Eaves	Eaves	Flat Fibre-Cement Sheet	47909-LB05-27	Negative	-	-	-	-	-	-	-	-	-			
37	Level 4, North Exterior Roof Opposite Verandah	Roof Covering	Bituminous Material	Same As 47909-LB05-04	Assumed Positive	-	60m ²	yes	Good	Non-Friable	Low	Low	P4	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
38	Level 3, A3 Allied Health Reception Foyers and Speech Pathology	Ceiling	Vermiculite	47909-LB05-20	Negative	-	-	-	-	-	-	-	-	-			
39	Level 3 Allied Health Reception and Hallways	Floor Coverings	Vinyl Floor Tiles	47909-LB05-19	Negative	-	-	-	-	-	-	-	-	-			
40	Level 3, Allied Health Physio Office	Walls	Flat Fibre-Cement Sheeting	47909-LB05-21	Negative	-	-	-	-	-	-	-	-	-			
41	Level 3, Female Change Room, Locker Room	Wall (South-East)	Flat Fibre-Cement Sheeting	47909-LB05-22	Negative	-	-	-	-	-	-	-	-	-			

North Coast Area Health Services Asbestos Register - June 2006



Building Name: Block A

Construction Date (circa): 1963

Ceilings: Plasterboard, Fibre-Cement and Ceiling Tiles (SMF)

Noel Arnold & Associates Pty Ltd

Building Location: Lismore Base Hospital, Uralba Street, Lismore NSW

Levels: 9

Approximate Area (m²): 8000

Roof Type: Concrete Slab and Bituminous

L2, 11 Kharitoun Road, North Ryde NSW 2113

Floor: Concrete

Phone: (02) 9889 1800, Fax: (02) 9889 1811

Asset I.D No.: LB05

Construction Type: Brick and Fibre-Cement

Floor Covering: Carpet

Assessment Date: 26/04/06

Internal Walls: Brick, Block Work, Plasterboard and Fibre-Cement

Assessor: Jared Clifford

Item ID #	Location (Level, Room/Area, Specific Location) Comments	Application/Feature	Material	Sample No.	Sample Status	Photo No.	Extent	Labelled	Condition	Friability	Disturbance Potential	Risk Level	Priority Rating	Re-Survey	Action	Date	Clearance Cert on File Y/N
42	Level 3, Female Change Room, Locker Room	(South-East) Wall Top Panel	Vermiculite	47909-LB05-23	Negative	-	-	-	-	-	-	-	-	-			
43	Level 3, Female Change Room, Locker Room (Unable to Sample due to Height Restrictions)	Ceiling	Flat Fibre-Cement Sheeting	Same As 47909-LB05-25	Assumed Positive	-	60m ²	n/a	Good	Non-Friable	Low	Low	P4	N/A	Has been removed and replaced with gyprock ceiling tiles - March 2007	Mar-07	y
44	Level 3, Male Change Rooms and Toilet Area	Ceiling	Flat Fibre-Cement Sheeting	Same As 47909-LB05-25	Assumed Positive	-	80m ²	n/a	Good	Non-Friable	Low	Low	P4	N/A	Has been removed and replaced with gyprock ceiling tiles - March 2007	Mar-07	y
45	Level 3, ABX Room (East)	Floor Covering	Vinyl Floor Tiles	47909-LB05-28	Negative	-	-	-	-	-	-	-	-	-			
46	Level 3, Entrance Foyer Bio-Medical Engineering Services	Ceiling	Flat Fibre-Cement Sheeting	Same As 48276-LB05-29	Positive	-	20m ²	n/a	Good	Non-Friable	Low	Low	P4	N/A	Has been removed and replaced with gyprock ceiling tiles - March 2007	Mar-07	y
47	Level 3, Southern Foyer and Northern Foyer	Ceiling	Vermiculite and Flat Fibre-Cement Sheet	47909-LB05-28	Negative	-	-	-	-	-	-	-	-	-			
48	Level 3, South Foyer (DB-A3) *Not sampled due to live electricity	Services Cupboard Electrical	Electrical Backing Board	-	Suspected Positive	-	2m ²	yes	Good	Non-Friable	Low	Low	P4	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
49	Level 2, Garbage Room	Ceiling	Flat Fibre-Cement Sheet Tiles	47909-LB05-25	Positive	-	30m ²	yes	Good	Non-Friable	Low	Low	P4	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
50	Levels 2, 3, 4, 5, 6, 7, 8 Stairwell	Ceiling and Stairs Underside	Vermiculite	Same As 47909-LB05-06	Assumed Negative	-	-	-	-	-	-	-	-	-			

North Coast Area Health Services Asbestos Register - June 2006



Building Name: Block A

Construction Date (circa): 1963

Ceilings: Plasterboard, Fibre-Cement and Ceiling Tiles (SMF)

Noel Arnold & Associates Pty Ltd

Building Location: Lismore Base Hospital, Uralba Street, Lismore NSW

Levels: 9

Approximate Area (m²): 8000

Roof Type: Concrete Slab and Bituminous

L2, 11 Kharitoun Road, North Ryde NSW 2113

Asset I.D No.: LB05

Construction Type: Brick and Fibre-Cement

Floor: Concrete

Phone: (02) 9889 1800, Fax: (02) 9889 1811

Internal Walls: Brick, Block Work, Plasterboard and Fibre-Cement

Floor Covering: Carpet

Assessment Date: 26/04/06

Assessor: Jared Clifford

Item ID #	Location (Level, Room/Area, Specific Location) Comments	Application/Feature	Material	Sample No.	Sample Status	Photo No.	Extent	Labelled	Condition	Friability	Disturbance Potential	Risk Level	Priority Rating	Re-Survey	Action	Date	Clearance Cert on File Y/N
51	Level 3, Plant Room (North-West) Ceiling Area Above Duct 7 (Unable to Sample due to Height & Layout of Plant Room)	Ceiling Pipes	Rope Lagging and Pipe Lagging	-	Suspect Positive	8	3m	yes	Fair	Friable	Low	Low	P3B	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
52	Level 3, Plant Room (North-West) Ceiling Area (Unable to Sample due to Height & Layout of Plant Room)	A/C Ducts	Millboard	-	Suspected Positive	9	1m ²	yes	Good	Friable	Low	Low	P3B	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
53	Level 3, PABX Room and Adjacent Hallway Near Toilets, Ceiling Space	Ceiling	Pipe Lagging	Same As 47909-LB05-16	Assumed Positive	10 & 11	4m	yes	Fair	Friable	Low	Medium	P3B	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
54	Level 3, Cleaner's Cupboard G1, Ceiling Space	Pipe Services	Rope Lagging	47909-LB05-33	Positive	12	<1m ²	yes	Fair	Friable	Low	Medium	P3B	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
55	Level 3, Cleaner's Cupboard G1, Service Duct to Ceiling	Pipe Services	Pipe Lagging	Same As 47909-LB05-16	Assumed Positive	13	<1m ²	yes	Good	Friable	Low	Low-Medium	P3B	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
56	Level 3, Allied Health Foyer and Training Room Ceiling Space	Ceiling	Pipe Lagging	Same As 47909-LB05-16	Assumed Positive	13	20m	yes	Good	Friable	Low	Low-Medium	P3B	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
56a	Level 3, Patient Transport Ceiling Space	Ceiling	Pipe Lagging	Same As 47909-LB05-16	Assumed Positive		6m	yes	Fair	Friable	Low	Low-Medium	P3B	N/A	Removed and replaced with compliant lagging - March 2007	Mar-07	y
57	Level 3, Cleaner's Cupboard G1, Services Duct to Ceiling	Ceiling	Flat Fibre-Cement Sheet Ceiling Tiles	Same As 47909-LB05-25	Assumed Positive	13	1m ²	yes	Fair	Non-Friable	Low	Low	P3B	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
58	Subfloor Service Area Entrance Door *Labelled 1993	Fire Door	Insulation Core	-	Assumed Negative	-	-	-	-	-	-	-	-	-	Condition checked by J Coombes 6/9/2013		
59	Subfloor Service Access Steam and Hot Water Pipe Pumps	Service Area	Gaskets	47909-LB05-29	Positive	14	1m ²	yes	Fair	Friable	Medium	Medium	P3B	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	

North Coast Area Health Services Asbestos Register - June 2006



Building Name: Block A

Construction Date (circa): 1963

Ceilings: Plasterboard, Fibre-Cement and Ceiling Tiles (SMF)

Noel Arnold & Associates Pty Ltd

Building Location: Lismore Base Hospital, Uralba Street, Lismore NSW

Levels: 9

Approximate Area (m²): 8000

Roof Type: Concrete Slab and Bituminous

L2, 11 Kharloum Road, North Ryde NSW 2113

Floor: Concrete

Phone: (02) 9889 1800, Fax: (02) 9889 1811

Asset I.D No.: LB05

Construction Type: Brick and Fibre-Cement

Floor Covering: Carpet

Assessment Date: 26/04/06

Internal Walls: Brick, Block Work, Plasterboard and Fibre-Cement

Assessor: Jared Clifford

Item ID #	Location (Level, Room/Area, Specific Location) Comments	Application/Feature	Material	Sample No.	Sample Status	Photo No.	Extent	Labelled	Condition	Friability	Disturbance Potential	Risk Level	Priority Rating	Re-Survey	Action	Date	Clearance Cert on File Y/N
60	Subfloor Service Access Hot Water Pipes (Red)	Service Area Pipes Running South to North	Pipe Lagging	47909-LB05-30	Positive	15	25m	Yes	Good	Friable	Medium	Medium	P3B	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
61	Subfloor Service Access Hot Water (Red)	Service Area Pipes Running East to West	Pipe Lagging	Same As 47909-LB05-30	Assumed Positive	16	30m	Yes	Good	Friable	Medium	Medium	P3B	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
62	Subfloor Service Access Steam Pipes (Blue)	Service Area Running North to South and East to West	Pipe Lagging	47909-LB05-31	Positive	17	40m	Yes	Good	Friable	Medium	Medium	P3B	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	
63	Subfloor Service Area North-West End Near HV Cables	HV Cables	Rope Lagging	47909-LB05-32	Negative	-	-	-	-	-	-	-	-	-			
64	Subfloor Service Area Steam and Hot Water Pipes from Pumps	Hot Water Pipes	Pipe Lagging	Same As 47909-LB05-30	Assumed Positive	-	2m ²	yes	Fair	Friable	Medium	Medium	P3B	Sep-14	Condition checked by J Coombes 6/9/2013	Sep-13	