



## **Project Number 2481**

### **Management Asbestos Survey Report**

**Wyvern Barracks, Barrack Road, Exeter, Devon,  
EX2 6AE (Building 22)**



*Working in Partnership with Shield Environmental Services*



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## **Section 1: Contact Details**

<b>Client Details:</b>		<b>Instructing Party:</b>	
Wessex RFCA Mount House Mount Street Taunton TA1 3QE		Shield Environmental Shield House Caxton Business Park Crown Way Bristol BS30 8XJ	
<b>Contact Name:</b>	Sue Morrell	<b>Contact Name:</b>	Chloe Smith
<b>Tel:</b> 01823250115	<b>Fax:</b> N/A	<b>Tel:</b> 01173012650	<b>Fax:</b> N/A

<b>Site Address:</b>		<b>Report Author:</b>	
Wyvern Barracks Barrack Road Exeter Devon EX2 6AE		Armour Analytical Services Admirals Yard Station Road Bristol BS34 6LR	
<b>Contact Name:</b>	Andy Palmer	<b>Contact Name:</b>	David Kelly
<b>Tel:</b> 07775560719	<b>Fax:</b> N/A	<b>Mobile:</b> 07769707519	

<b>Lead Surveyor's Name:</b>	<b>Lead Surveyor's Authorising Signature:</b>
D. Kelly	

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## **Section 2: Executive Summary**

Sample Number	Sample Type	Location	Analysis
1	Insulating board hatch panel	Loft Space	N.A.D.I.S
2	Insulating board wall panels and debris	Loft Space	N.A.D.I.S
3	Fibreboard ceiling panels	Offices x 2	N.A.D.I.S
4	Insulating board wall panels	Corridor x 2	N.A.D.I.S
5	Floor tiles and adhesive	Store	N.A.D.I.S

N.A.D.I.S – No Asbestos Detected in Sample

The following items have been Presumed to be Asbestos Containing Materials as they were not accessible at the time of the survey:

Item 3 – Kitchen and Shower Room – No access with Safe Casings

Item 17 – Boiler Room – Boiler – No access within boiler as live

Item 21 – Wash Room and WC – Toilet Seat – Unable to sample as would damage integrity of seat

Item 27 – Plant Room – No access as locked and no key was available

The presence of asbestos in these areas cannot be ascertained at this time. If any works are to be carried out in these areas in the future, then these works should be approached cautiously.

In accordance with current legislation, any suspect materials encountered in these areas are to be assumed to contain asbestos until proven otherwise. This will normally involve cessation of works in the affected area.

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## **Section 3: Site Description & Survey Information**

### **Brief description on the general building construction**

Brick and block construction with a pitched tiled roof.

### **Caveat for no access areas**

No access within live boiler  
No access to sample toilet seat as it may damage the integrity of the seat.

### **EXTERNAL MATERIALS**

Roof Type	Pitched
Roof Materials	Slate Tiles
Soffits	Timber
Fascia	Timber
Walls	Brick
Verge Under cloaking	N/A
Guttering	Plastic
Downpipes	Plastic
Window/Door frames	Aluminum
Other Materials	N/A

### **INTERNAL MATERIALS**

Loft Insulation	Fiberglass
Roof Underlining	Timber
Ceilings	Plasterboard, Supalux
Walls <i>Internal</i>	Plasterboard, Supalux, Brick
Floors	Tiles, Screed, Lino, Carpet
Doors/Frames	Timber
Pipework/Insulation	MMMF
Boxings	Timber, Plasterboard
Boiler Make	Ideal Mexico
Flue Pipes	Metal
Storage Heaters	Modern heaters
Electrical Boxes/Machinery	Modern Boxes
Ducting/Risers	Metal
Stairs	N/A
Lift Shafts	N/A
Other Materials	N/A

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## Section 4: Positive and Presumed Photos Sheets

**Item No: 3**

**Sample No: N/A**

**Location: Kitchen and Shower Room**



<b>Material Description:</b>	No access within safe casings	
<b>Identification:</b>	Presumed to Contain Asbestos	
<b>Approx. quantity:</b>	X 1 Safe	
<b>Accessibility</b>	Low	<i>Assessment Score</i>
<b>Product type:</b>	No Access	2
<b>Extent of Damage:</b>	No Access	2
<b>Surface Treatment:</b>	No Access	2
<b>Asbestos type:</b>	No Access	2
<b>Material Assessment Score:</b>		8
<b>Priority Assessment Score:</b>		Medium
<b>Action:</b>	Manage	
<b>Comments:</b>	N/A	

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**Item No: 17**

**Sample No: N/A**

**Location: Boiler Room**



<b>Material Description:</b>	No access within boiler	
<b>Identification:</b>	Presumed to Contain Asbestos	
<b>Approx. quantity:</b>	X 1 Boiler	
<b>Accessibility</b>	Low	<i>Assessment Score</i>
<b>Product type:</b>	No Access	3
<b>Extent of Damage:</b>	No Access	3
<b>Surface Treatment:</b>	No Access	3
<b>Asbestos type:</b>	No Access	3
<b>Material Assessment Score:</b>		12
<b>Priority Assessment Score:</b>		High
<b>Action:</b>	Manage	
<b>Comments:</b>	Modern electrics. No access within boiler as live	

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**Item No: 21**

**Sample No: N/A**

**Location: Wash Room and WC**



<b>Material Description:</b>	Toiler seat	
<b>Identification:</b>	Presumed to Contain Asbestos	
<b>Approx. quantity:</b>	X 1 Seat	
<b>Accessibility</b>	Low	<i>Assessment Score</i>
<b>Product type:</b>	No Access	1
<b>Extent of Damage:</b>	No Access	0
<b>Surface Treatment:</b>	No Access	0
<b>Asbestos type:</b>	No Access	1
<b>Material Assessment Score:</b>		2
<b>Priority Assessment Score:</b>		Negligible
<b>Action:</b>	Manage	
<b>Comments:</b>	Unable to sample as would damage integrity of the seat	

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**Item No: 27**

**Sample No: N/A**

**Location: Plant Room**



<b>Material Description:</b>	No access as locked	
<b>Identification:</b>	Presumed to Contain Asbestos	
<b>Approx. quantity:</b>	X 1 Room	
<b>Accessibility</b>	Low	<i>Assessment Score</i>
<b>Product type:</b>	No Access	3
<b>Extent of Damage:</b>	No Access	3
<b>Surface Treatment:</b>	No Access	3
<b>Asbestos type:</b>	No Access	3
<b>Material Assessment Score:</b>		12
<b>Priority Assessment Score:</b>		High
<b>Action:</b>	Further Investigation Required	
<b>Comments:</b>	Site contact did not know where the key was kept	

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## Section 5: Negative Photos Sheets

**Item No: 1**

**Sample No: N/A**

**Location: Entrance Lobby and Print Room**



<b>Material Description:</b>	Visual Inspection – No Suspect Materials Found	
<b>Identification:</b>	N/A	
<b>Approx. quantity:</b>	N/A	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>	N/A	
<b>Extent of Damage:</b>	N/A	
<b>Surface Treatment:</b>	N/A	
<b>Asbestos type:</b>	N/A	
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	Limited access above high-level suspended ceiling due to height – Roof space visible above	

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**Item No: 2**

**Sample No: N/A**

**Location: Offices x 2 and Corridor**



<b>Material Description:</b>	Visual Inspection – No Suspect Materials Found	
<b>Identification:</b>	N/A	
<b>Approx. quantity:</b>	N/A	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>	N/A	
<b>Extent of Damage:</b>	N/A	
<b>Surface Treatment:</b>	N/A	
<b>Asbestos type:</b>	N/A	
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

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**Item No: 4**

**Sample No: N/A**

**Location: WC's x 2**



<b>Material Description:</b>	Visual Inspection – No Suspect Materials Found	
<b>Identification:</b>	N/A	
<b>Approx. quantity:</b>	N/A	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>	N/A	
<b>Extent of Damage:</b>	N/A	
<b>Surface Treatment:</b>	N/A	
<b>Asbestos type:</b>	N/A	
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

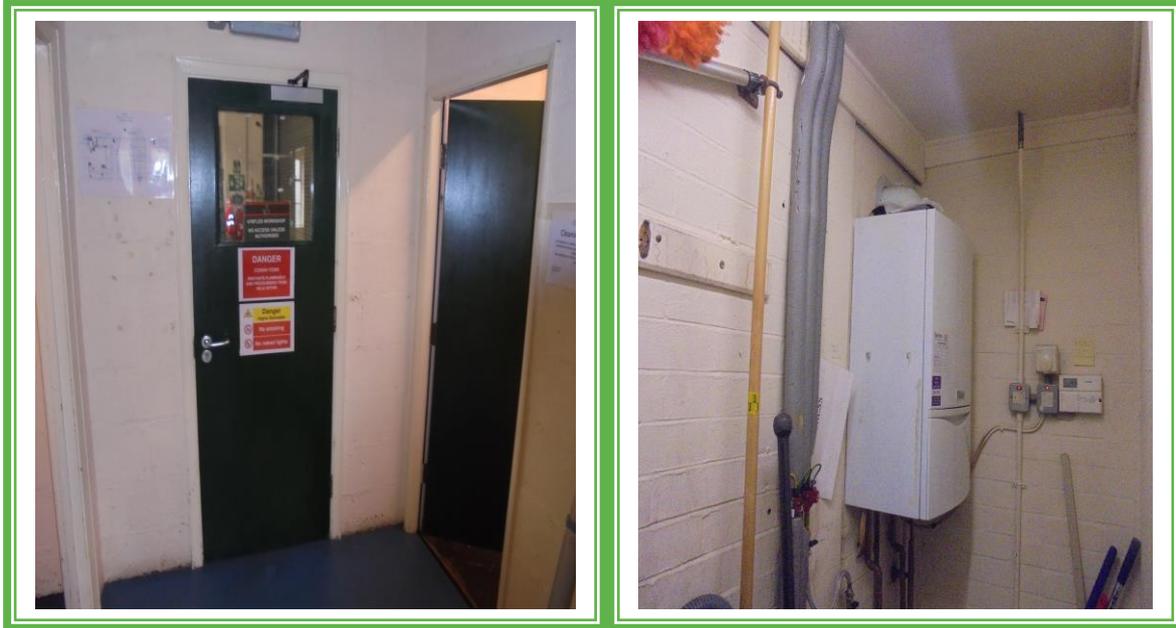
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**Item No: 5**

**Sample No: N/A**

**Location: Circulation and Cupboard**



<b>Material Description:</b>	Visual Inspection – No Suspect Materials Found	
<b>Identification:</b>	N/A	
<b>Approx. quantity:</b>	N/A	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>	N/A	
<b>Extent of Damage:</b>	N/A	
<b>Surface Treatment:</b>	N/A	
<b>Asbestos type:</b>	N/A	
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	Modern boiler in cupboard	

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**Item No: 6**

**Sample No: 1**

**Location: Loft Space**



<b>Material Description:</b>	Insulation board loft hatch panel	
<b>Identification:</b>	Sampled – No Asbestos Detected	
<b>Approx. quantity:</b>	<1M2	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>		N/A
<b>Extent of Damage:</b>		N/A
<b>Surface Treatment:</b>		N/A
<b>Asbestos type:</b>		N/A
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

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**Item No: 7**

**Sample No: 2**

**Location: Loft Space**



<b>Material Description:</b>	Insulation board wall panels and debris	
<b>Identification:</b>	Sampled – No Asbestos Detected	
<b>Approx. quantity:</b>	>100M2	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>		N/A
<b>Extent of Damage:</b>		N/A
<b>Surface Treatment:</b>		N/A
<b>Asbestos type:</b>		N/A
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

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**Item No: 8**

**Sample No: N/A**

**Location: Workshop, Tool Store and Electrical Cupboard**



<b>Material Description:</b>	Insulation board Wall and Ceiling panels	
<b>Identification:</b>	As Per Sample 2 – No Asbestos Detected	
<b>Approx. quantity:</b>	300M2	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>		N/A
<b>Extent of Damage:</b>		N/A
<b>Surface Treatment:</b>		N/A
<b>Asbestos type:</b>		N/A
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	To all walls and ceilings, including boxing and also including walls and ceiling to electrical cupboard	

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**Item No: 9**

**Sample No: N/A**

**Location: Offices x 2 and Loft Space**



<b>Material Description:</b>	Insulation board wall panels	
<b>Identification:</b>	As Per Sample 2 – No Asbestos Detected	
<b>Approx. quantity:</b>	100M2	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>		N/A
<b>Extent of Damage:</b>		N/A
<b>Surface Treatment:</b>		N/A
<b>Asbestos type:</b>		N/A
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	Including panel above external door, loft hatch panel and wall panels in loft hatch	

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**Item No: 10**

**Sample No: 3**

**Location: Offices x 2 and Corridor**



<b>Material Description:</b>	Fibreboard ceiling panels	
<b>Identification:</b>	Sampled – No Asbestos Detected	
<b>Approx. quantity:</b>	40M2	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>		N/A
<b>Extent of Damage:</b>		N/A
<b>Surface Treatment:</b>		N/A
<b>Asbestos type:</b>		N/A
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

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**Item No: 11**

**Sample No: N/A**

**Location: Stores x 2**



<b>Material Description:</b>	Insulation board Ceiling panels	
<b>Identification:</b>	As Per Sample 2 – No Asbestos Detected	
<b>Approx. quantity:</b>	20M2	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>		N/A
<b>Extent of Damage:</b>		N/A
<b>Surface Treatment:</b>		N/A
<b>Asbestos type:</b>		N/A
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

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**Item No: 12**

**Sample No: 4**

**Location: Corridors x 2**



<b>Material Description:</b>	Insulation board Wall panels	
<b>Identification:</b>	Sampled – No Asbestos Detected	
<b>Approx. quantity:</b>	40M2	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>		N/A
<b>Extent of Damage:</b>		N/A
<b>Surface Treatment:</b>		N/A
<b>Asbestos type:</b>		N/A
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

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**Item No: 13**

**Sample No: N/A**

**Location: Offices x 3 and Store**



<b>Material Description:</b>	Insulation board Wall and Ceiling panels above suspended ceiling	
<b>Identification:</b>	As Per Sample 4 – No Asbestos Detected	
<b>Approx. quantity:</b>	100M2+	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>		N/A
<b>Extent of Damage:</b>		N/A
<b>Surface Treatment:</b>		N/A
<b>Asbestos type:</b>		N/A
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

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**Item No: 14**

**Sample No: N/A**

**Location: Office and Store**



<b>Material Description:</b>	Visual Inspection – No Suspect Materials Found	
<b>Identification:</b>	N/A	
<b>Approx. quantity:</b>	N/A	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>	N/A	
<b>Extent of Damage:</b>	N/A	
<b>Surface Treatment:</b>	N/A	
<b>Asbestos type:</b>	N/A	
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	Limited access above suspended ceiling due to height	

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**Item No: 15**

**Sample No: N/A**

**Location: Meeting Room, Office and Bedroom**



<b>Material Description:</b>	Insulation board Wall panels	
<b>Identification:</b>	As Per Sample 4 – No Asbestos Detected	
<b>Approx. quantity:</b>	60M2	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>		N/A
<b>Extent of Damage:</b>		N/A
<b>Surface Treatment:</b>		N/A
<b>Asbestos type:</b>		N/A
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

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**Item No: 16**

**Sample No: N/A**

**Location: Store x 2**



<b>Material Description:</b>	Visual Inspection – No Suspect Materials Found	
<b>Identification:</b>	N/A	
<b>Approx. quantity:</b>	N/A	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>	N/A	
<b>Extent of Damage:</b>	N/A	
<b>Surface Treatment:</b>	N/A	
<b>Asbestos type:</b>	N/A	
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

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**Item No: 18**

**Sample No: N/A**

**Location: Lobby and Kitchen**



<b>Material Description:</b>	Visual Inspection – No Suspect Materials Found	
<b>Identification:</b>	N/A	
<b>Approx. quantity:</b>	N/A	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>	N/A	
<b>Extent of Damage:</b>	N/A	
<b>Surface Treatment:</b>	N/A	
<b>Asbestos type:</b>	N/A	
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

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**Item No: 19**

**Sample No: N/A**

**Location: Large Store**



<b>Material Description:</b>	Visual Inspection – No Suspect Materials Found	
<b>Identification:</b>	N/A	
<b>Approx. quantity:</b>	N/A	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>	N/A	
<b>Extent of Damage:</b>	N/A	
<b>Surface Treatment:</b>	N/A	
<b>Asbestos type:</b>	N/A	
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	Non-asbestos Sabiana heaters on wall	

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**Item No: 20**

**Sample No: N/A**

**Location: Office and Stores x 2**



<b>Material Description:</b>	Visual Inspection – No Suspect Materials Found	
<b>Identification:</b>	N/A	
<b>Approx. quantity:</b>	N/A	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>	N/A	
<b>Extent of Damage:</b>	N/A	
<b>Surface Treatment:</b>	N/A	
<b>Asbestos type:</b>	N/A	
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

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**Item No: 22**

**Sample No: N/A**

**Location: Mezzanine and Loft Space**



<b>Material Description:</b>	Visual Inspection – No Suspect Materials Found	
<b>Identification:</b>	N/A	
<b>Approx. quantity:</b>	N/A	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>	N/A	
<b>Extent of Damage:</b>	N/A	
<b>Surface Treatment:</b>	N/A	
<b>Asbestos type:</b>	N/A	
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

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**Item No: 23**

**Sample No: 5**

**Location: Store**



<b>Material Description:</b>	Floor tiles and adhesive	
<b>Identification:</b>	Sampled – No Asbestos Detected	
<b>Approx. quantity:</b>	60M2	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>		N/A
<b>Extent of Damage:</b>		N/A
<b>Surface Treatment:</b>		N/A
<b>Asbestos type:</b>		N/A
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

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**Item No: 24**

**Sample No: N/A**

**Location: Store**



<b>Material Description:</b>	Floor tiles and adhesive	
<b>Identification:</b>	As Per Sample 5 – No Asbestos Detected	
<b>Approx. quantity:</b>	16M2	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>		N/A
<b>Extent of Damage:</b>		N/A
<b>Surface Treatment:</b>		N/A
<b>Asbestos type:</b>		N/A
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

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**Item No: 25**

**Sample No: N/A**

**Location: Offices, Kitchen and Store**



<b>Material Description:</b>	Insulation board walls and ceiling	
<b>Identification:</b>	As Per Sample 4 – No Asbestos Detected	
<b>Approx. quantity:</b>	150M2 +	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>		N/A
<b>Extent of Damage:</b>		N/A
<b>Surface Treatment:</b>		N/A
<b>Asbestos type:</b>		N/A
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	Modern Sink Pad in kitchen	

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**Item No: 26**

**Sample No: N/A**

**Location: Large Store**



<b>Material Description:</b>	Visual Inspection – No Suspect Materials Found	
<b>Identification:</b>	N/A	
<b>Approx. quantity:</b>	N/A	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>	N/A	
<b>Extent of Damage:</b>	N/A	
<b>Surface Treatment:</b>	N/A	
<b>Asbestos type:</b>	N/A	
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

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**Item No: 28**

**Sample No: N/A**

**Location: Large Store rooms x 2**



<b>Material Description:</b>	Insulation board wall and ceiling panels	
<b>Identification:</b>	As Per Sample 4 – No Asbestos Detected	
<b>Approx. quantity:</b>	To several walls – 200M2+	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>		N/A
<b>Extent of Damage:</b>		N/A
<b>Surface Treatment:</b>		N/A
<b>Asbestos type:</b>		N/A
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	N/A	

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**Item No: 29**

**Sample No: N/A**

**Location: Compressor Store**



<b>Material Description:</b>	Visual Inspection – No Suspect Materials Found	
<b>Identification:</b>	N/A	
<b>Approx. quantity:</b>	N/A	
<b>Accessibility</b>	N/A	<i>Assessment Score</i>
<b>Product type:</b>	N/A	
<b>Extent of Damage:</b>	N/A	
<b>Surface Treatment:</b>	N/A	
<b>Asbestos type:</b>	N/A	
<b>Material Assessment Score:</b>		N/A
<b>Priority Assessment Score:</b>		N/A
<b>Action:</b>	N/A	
<b>Comments:</b>	Non-asbestos roof felt and electrics	

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## **Section 6: Survey Objectives**

Instructions were received from Sue Morrell of Wessex RFCA to carry out a Management asbestos survey at Wyvern Barracks, Barrack Road, Exeter, Devon, EX2 6AE in accordance with HSG264 and Armour Analytical's quality procedures.

The survey was carried out on 21<sup>st</sup> June 2019 by David Kelly with the objective of facilitating a Management report.

This Management survey is characterised as a 'Visual Inspection Sampling and Identification Survey' in HSG264. This type of survey is used to locate and describe, so far as is reasonably practicable, all asbestos containing materials (ACMs) in the building and will by its nature involve the partial destruction of the building's fabric as access is gained to all areas. A full sampling programme is undertaken to identify possible ACMs and estimate the extent of ACMs reported.

The objective of this survey report is to identify, so far as is reasonably practicable, the location, extent, product type and composition of ACMS within the building to enable the building occupants to put management and remedial procedures in place.

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## **Section 7: Survey Techniques**

Each floor, room and area within the scope was systematically inspected for suspect materials thought or known to contain asbestos and where such materials were encountered their location, extent, and composition were recorded.

Where materials of a similar nature exist, to those previously sampled, and a reasoned argument can be made that their composition is likely to be identical further physical sampling was not undertaken.

Photographs were taken of all sample locations, unless otherwise stated.

The analysis of suspect ACMs was undertaken by a UKAS accredited laboratory using the analytical method detailed in *HSG248, Appendix 2 -Asbestos: The analysts' guide for sampling, analysis and clearance procedures*.

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## **Section 8: Survey Caveat**

This report is based upon a management report inspection of an unfamiliar site. During the course of the survey all reasonable efforts were made to identify the physical presence of materials containing asbestos within the building.

A Management Survey is a non-intrusive survey, meaning that access within the fabric of the building is limited. The survey does not include access to the following areas (unless agreed beforehand with the Client and provisions are put in place):

- Within wall or ceiling construction;
- Under fixed flooring;
- Within non-openable boxings;
- Within live electrics, boilers or machinery;
- Where access/visibility is limited in an area due to stored items, furniture or services;
- Areas where there is no safe access to inspect such as floor ducts, lift shafts and loft spaces with no crawlboards;
- High level areas that are too high to safely inspect.
- Within pipework insulation throughout building as this would affect the integrity of services.

Any intrusive works carried out within the building must first be subject to a Refurbishment Asbestos Survey.

This report will be restricted to the areas that fall within the scope of works for project and will not take into account any area's that do not fall within the scope. Any asbestos that is identified within this report will need to be added to the buildings existing information and should not form the basis for a management survey. This survey will not include priority assessments nor will it include a register.

This survey considered the construction of the building, associated fixtures & fittings and associated structures and in no way should it be considered as a ground investigation report.

Services should be disconnected prior to commencement of a Management survey; however, where plant and/or electrical installations are live or appear to be live then these will not be accessed.

This survey report is not a bill of quantities.

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## **Section 9: Survey Notes**

This report has been written with reference to the various Guidance Notes etc, issued, and current at the date of this report and describes circumstances at the site on the date the investigation took place.

Where similar items exist in the building, only one or two samples have been taken to ascertain the material content. It was assumed that similar products were of the same material.

Any person undertaking work within the buildings should be told of the presence of asbestos. This briefing also applies to any other person associated with the site, including staff, sub-contractors and others.

The drawings in the report are not to scale and are illustrative only to indicate approximate locations. The descriptions used are for location identification purposes.

All the recommendations described in this report are based upon assumptions made after consideration of the type of material, condition of the material, its location, analysis result and type of use the area is thought to be subjected to. However, statutory authorities or others could require amendments based on local knowledge, change in legislation, change in use or indeed other conditions or criteria.

Samples taken from floor tiles (or similar material) may include a bitumen adhesive as part of the sample. It is known that some proprietary brands of bitumen have an asbestos content and this will be included as an integral part of the bulk sample unless otherwise stated.

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## Section 10: Material Assessment Algorithm

Variable	Score	Examples
Installation / Product type	1	Vinyl, 'Bakelite', Cement
	2	Asbestos insulating board, paper, rope
	3	Pipe insulation, spray coating, friable debris
Condition / damage	0	Good
	1	Slight / minor damage
	2	Moderate damage – breakage to surface treatment
	3	Major damage – smashed or exposed material
Surface treatment	0	Non-friable e.g. vinyl
	1	Enclosed insulation, encapsulated AIB
	2	Unsealed AIB, encapsulated insulation
	3	Unsealed insulation or spray coating
Asbestos type	1	Chrysotile
	2	Amosite & other amphiboles
	3	Crocidolite

The scores from each of the four sections are added together to produce a risk score:

Risk score	Risk assessment
<b>10 or more</b>	High risk
<b>7 – 9</b>	Medium risk
<b>5 – 6</b>	Low risk
<b>4 &amp; below</b>	Negligible risk

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## Section 11: Certificates of Bulk Analysis



Our Ref: J169857 FI: 5  
Your Ref:  
Date: 26/06/2019

**ENVIROCHEM**  
Analytical Laboratories Ltd.  
12 The Gardens  
Broadcut, Fareham  
Hampshire  
PO16 8SS



Tel: (01329) 287777  
Fax: (01329) 287755  
www.envirochem.co.uk  
office@envirochem.co.uk

### Asbestos Fibre Identification Report

**Client:** Armour Analytical Services Ltd  
Admirals Yard, Station Road, Patchway, Bristol, BS34 6LR

**Site Address:** Building 22, Wyvern Barrack, Exeter, -

**Sampled By:** Armour Analytical Services Ltd

**Date sampled/received:** 25th June 2019

**Date analysed:** 26th June 2019

**Analyst/s:** Ewelina Kowalczyk Pariyar

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

#### ANALYTICAL PROCEDURE

Fibre identification was carried out in accordance with the documented 'in-house' methods based on the HSE Guidance Note HSG 248. These employed stereo microscopy, polarized microscopy and dispersion staining techniques.

#### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
1	BS559481	Loft space. Insulating board hatch panel	No	
2	BS559482	Loft space. Insulating board panels and debris	No	
3	BS559483	Offices x2. Fibreboard ceiling panels	No	
4	BS559484	Corridor x2. Insulating board wall panels	No	

#### NOTES:

1. Sample(s) were examined for the presence of 6 types of asbestos fibres: crocidolite (blue), amosite (brown), chrysotile (white), anthophyllite, actinolite and tremolite.
2. Samples collected by the client are evaluated using information provided by the client. For samples collected by the client the date of receipt is deemed to be the same as the date sampled.
3. Envirochem is a UKAS accredited laboratory for sampling and identification of asbestos containing materials.
4. Comments, observations and opinions are outside the scope of UKAS accreditation.
5. The analytical method in the HSG248 does not quantify the amount of asbestos present, therefore UKAS accreditation does not permit quantification.
6. If, during fibre identification, only 1 or 2 fibres are seen and identified as asbestos, then the term 'trace asbestos identified' is used.

SIGNATURE: *Kowalczyk*

Authorised signatory

PRINT NAME: Ewelina Kowalczyk Pariyar

Reg. No. 2378228 England. Registered Office: Envirochem, 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS.

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Our Ref: J169857 FI: 5  
Your Ref:  
Date: 26/06/2019

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## Asbestos Fibre Identification Report

**Client:** Armour Analytical Services Ltd  
Admirals Yard, Station Road, Patchway, Bristol, BS34 6LR

**Site Address:** Building 22, Wyvern Barrack, Exeter, -

**Sampled By:** Armour Analytical Services Ltd

**Date sampled/received:** 25th June 2019

**Date analysed:** 26th June 2019

**Analyst/s:** Ewelina Kowalczyk Pariyar

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

Fibre identification was carried out in accordance with the documented 'in-house' methods based on the HSE Guidance Note HSG 248. These employed stereo microscopy, polarized microscopy and dispersion staining techniques.

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
5	BS559485	Store. Floor tiles and adhesive	No	

#### NOTES:

1. Sample(s) were examined for the presence of 6 types of asbestos fibres: crocidolite (blue), amosite (brown), chrysotile (white), anthophyllite, actinolite and tremolite.
2. Samples collected by the client are evaluated using information provided by the client. For samples collected by the client the date of receipt is deemed to be the same as the date sampled.
3. Envirochem is a UKAS accredited laboratory for sampling and identification of asbestos containing materials.
4. Comments, observations and opinions are outside the scope of UKAS accreditation.
5. The analytical method in the ISO1248 does not quantify the amount of asbestos present, therefore UKAS accreditation does not permit quantification.
6. If, during fibre identification, only 1 or 2 fibres are seen and identified as asbestos, then the term 'trace asbestos identified' is used.

SIGNATURE: *Kowalczyk*

Authorised signatory

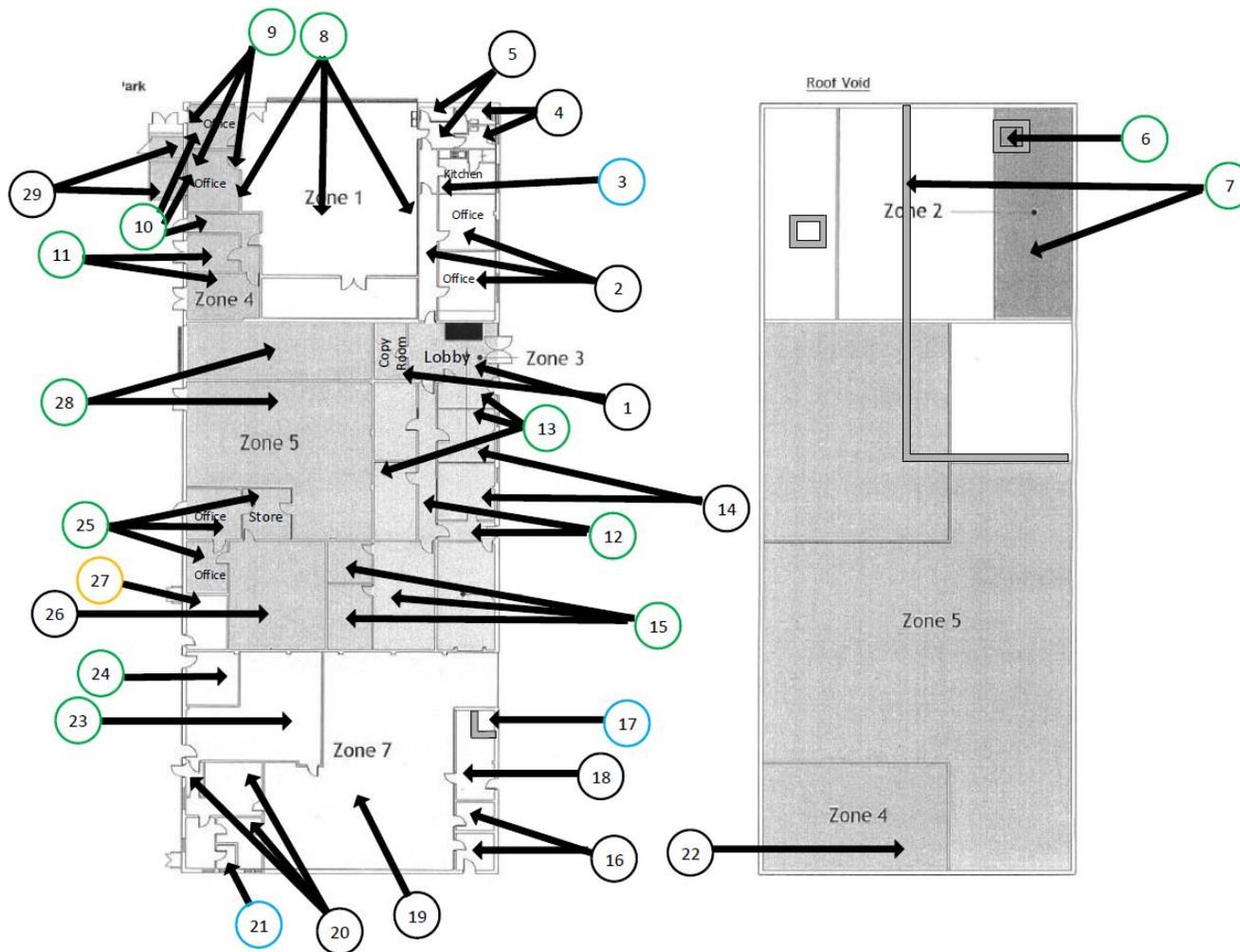
PRINT NAME: Ewelina Kowalczyk Pariyar

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## Section 12: Site Plan



KEY	
	Visual Inspection
	ACM's Detected (Positive Items)
	No ACM's Detected (Negative Items)
	Presumed to Contain ACM's
	No Access

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**I the surveyor can confirm that this report is accurate to my findings onsite and this survey has been Content checked by myself.**

**Checked by: David Kelly**

**Date: 11/07/2019**

**I the Admin Manager can confirm that this report is accurate to the paperwork received and this survey has been quality checked by myself.**

**Checked by: Emma Humphreys**

**Date: 10.07.2019**

**Report Compiled By**

**Armour Analytical Services Ltd, Admirals Yard, Station Road, Bristol, BS34 6LR**

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