

grounds

Old Government Farm Site	Heritage Park Old Northern Road	Castle Hill	Baulkham Hills	LGOV
Old Parsonage, The	210 Old Northern Road	Castle Hill	Baulkham Hills	LGOV
St Pauls Cemetery	245 Old Northern Road	Castle Hill	Baulkham Hills	LGOV
St Pauls Church (former)	225 Old Northern Road	Castle Hill	Baulkham Hills	LGOV
Street trees	Castle Hill Road (north side)	Castle Hill	Hornsby	LGOV
Wansbrough House	226-230 Old Northern Road	Castle Hill	Baulkham Hills	LGOV

There were **14** records in this section matching your search criteria.

There was a total of **15** records matching your search criteria.

Key:

LGA = Local Government Area

GAZ = NSW Government Gazette (statutory listings prior to 1997), HGA = Heritage Grant Application, HS = Heritage Study, LGOV = Local Government, SGOV = State Government Agency.

Note: The Heritage Branch seeks to keep the State Heritage Inventory (SHI) up to date, however the latest listings in Local and Regional Environmental Plans (LEPs and REPs) may not yet be included. Always check with the relevant Local Council or Shire for the most recent listings.

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Appendix H
WorkCover Records



Our Ref: D10/032841
Your Ref: Michael Samuel

18th March 2010

Attention: Michael Samuel
JBS Environmental Pty Ltd
PO Box 940
MASCOT NSW 1460

Dear Michael,

RE SITE: 370 Old Northern Road Castle Hill NSW

I refer to your site search request received by WorkCover NSW on 12th March 2010 requesting information on licences to keep dangerous goods for the above site.

A search of the Stored Chemical Information Database (SCID) and the microfiche records held by WorkCover NSW has not located any records pertaining to the above-mentioned premises.

If you have any further queries please contact the Dangerous Goods Licensing Team on (02) 4321 5500.

Yours sincerely

A handwritten signature in black ink, appearing to be 'Diana'.

Diana Hayes

**Senior Licensing Officer
Dangerous Goods Team**

WorkCover. Watching out for you.

WorkCover NSW ABN 77 682 742 966 92-100 Donnison Street Gosford NSW 2250 Locked Bag 2906 Lisarow NSW 2252
Telephone 02 4321 5000 Facsimile 02 4325 4145 WorkCover Assistance Service **13 10 50**
DX 731 Sydney Website www.workcover.nsw.gov.au

Appendix I
Hand Auger Logs



Borehole No.: HA01

Location: Castle Hill

Project: 370 Old Northern Road ESA

Total Hole Depth: 0.3m

Operator and Co.: -

Project No.: 41112

Eastings: 0

Excavation Method: Hand Auger

Client: KMSJ Pty Ltd & Lanox Pty Ltd

Northings: 0

Log By: Michael Samuel

Project Manager: Michael Samuel

Date: 02/03/2010

Excavation Width:

SUBSURFACE PROFILE			SAMPLE			
Depth	Visual	Description	Number	Condition	PID (ppm)	Observations
0.0		Ground Surface				
		Gravelly Silty CLAY Medium to dark brown, damp, soft to firm, medium plasticity, weathered shale and sandstone gravels	HA01-0-0.1			No odours or staining observed
		END OF INVESTIGATION AT 0.3m bgs (programmed depth)				

Sample Method	Sample Condition		
HA - Hand Auger SFA - Solid Flight Auger HFA - Hollow Flight Auger PT - Push Tubing	U - undisturbed tube sample D - disturbed sample CS - core sample		



Borehole No.: HA02

Location: Castle Hill

Project: 370 Old Northern Road ESA

Total Hole Depth: 0.2m

Operator and Co.: -

Project No.: 41112

Eastings: 0

Excavation Method: Hand Auger

Client: KMSJ Pty Ltd & Lanox Pty Ltd

Northings: 0

Log By: Michael Samuel

Project Manager: Michael Samuel

Date: 02/03/2010

Excavation Width:

SUBSURFACE PROFILE			SAMPLE			
Depth	Visual	Description	Number	Condition	PID (ppm)	Observations
0.0		Ground Surface				
		Silty CLAY Medium brown, heterogeneous, soft, damp, medium plasticity, fine grains, some weathered shale and sandstone gravels	HA02-0-0.1			No odours or staining observed
		END OF INVESTIGATION AT 0.2m bgs (programmed depth)				

Sample Method	Sample Condition		
HA - Hand Auger SFA - Solid Flight Auger HFA - Hollow Flight Auger PT - Push Tubing	U - undisturbed tube sample D - disturbed sample CS - core sample		



Borehole No.: HA03

Location: Castle Hill

Project: 370 Old Northern Road ESA

Project No.: 41112

Client: KMSJ Pty Ltd & Lanox Pty Ltd

Project Manager: Michael Samuel

Total Hole Depth: 0.3m

Eastings: 0

Northings: 0

Date: 02/03/2010

Operator and Co.: -

Excavation Method: Hand Auger

Log By: Michael Samuel

Excavation Width:

SUBSURFACE PROFILE			SAMPLE			
Depth	Visual	Description	Number	Condition	PID (ppm)	Observations
0.0		Ground Surface				
		Silty CLAY Light brown / white / medium brown mixed, heterogeneous, soft, damp, medium plasticity, little weathered shale	HA03-0-0.1			No odours or staining observed
		Silty CLAY Yellow / light brown / grey mixed, heterogeneous, soft, damp, medium plasticity, little weathered shale and some sandstone gravels	HA03-0.2-0.3			No odours or staining observed
		END OF INVESTIGATION AT 0.3m bgs (programmed depth)				

Sample Method	Sample Condition		
HA - Hand Auger SFA - Solid Flight Auger HFA - Hollow Flight Auger PT - Push Tubing	U - undisturbed tube sample D - disturbed sample CS - core sample		



Borehole No.: HA04

Location: Castle Hill

Project: 370 Old Northern Road ESA

Project No.: 41112

Client: KMSJ Pty Ltd & Lanox Pty Ltd

Project Manager: Michael Samuel

Total Hole Depth: 0.25m

Eastings: 0

Northings: 0

Date: 02/03/2010

Operator and Co.: -

Excavation Method: Hand Auger

Log By: Michael Samuel

Excavation Width:

SUBSURFACE PROFILE			SAMPLE			
Depth	Visual	Description	Number	Condition	PID (ppm)	Observations
0.0		Ground Surface				
		Silty CLAY Light brown / grey / yellow mixed, heterogeneous, damp, soft, some sandstone and shale gravels	HA04-0-0.1			No odours or staining observed
		END OF INVESTIGATION AT 0.25m bgs (programmed depth)				

Sample Method	Sample Condition		
HA - Hand Auger SFA - Solid Flight Auger HFA - Hollow Flight Auger PT - Push Tubing	U - undisturbed tube sample D - disturbed sample CS - core sample		



Borehole No.: HA05

Location: Castle Hill

Project: 370 Old Northern Road ESA

Total Hole Depth: 0.3m

Operator and Co.: -

Project No.: 41112

Eastings: 0

Excavation Method: Hand Auger

Client: KMSJ Pty Ltd & Lanox Pty Ltd

Northings: 0

Log By: Michael Samuel

Project Manager: Michael Samuel

Date: 02/03/2010

Excavation Width:

SUBSURFACE PROFILE			SAMPLE			
Depth	Visual	Description	Number	Condition	PID (ppm)	Observations
0.0		Ground Surface				
		Silty CLAY Dark brown, homogeneous, damp, fine grains, soft, high plasticity	HA05-0-0.1			No odours or staining observed
		END OF INVESTIGATION AT 0.3m bgs (programmed depth)				

Sample Method	Sample Condition		
HA - Hand Auger SFA - Solid Flight Auger HFA - Hollow Flight Auger PT - Push Tubing	U - undisturbed tube sample D - disturbed sample CS - core sample		



Borehole No.: HA06

Location: Castle Hill

Project: 370 Old Northern Road ESA

Total Hole Depth: 0.3m

Operator and Co.: -

Project No.: 41112

Eastings: 0

Excavation Method: Hand Auger

Client: KMSJ Pty Ltd & Lanox Pty Ltd

Northings: 0

Log By: Michael Samuel

Project Manager: Michael Samuel

Date: 02/03/2010

Excavation Width:

SUBSURFACE PROFILE			SAMPLE			
Depth	Visual	Description	Number	Condition	PID (ppm)	Observations
0.0		Ground Surface				
		Silty CLAY Dark brown, homogeneous, damp, fine grains, soft, high plasticity	HA06-0-0.1			No odours or staining observed
		END OF INVESTIGATION AT 0.3m bgs (programmed depth)				

Sample Method	Sample Condition		
HA - Hand Auger SFA - Solid Flight Auger HFA - Hollow Flight Auger PT - Push Tubing	U - undisturbed tube sample D - disturbed sample CS - core sample		



Borehole No.: HA07

Location: Castle Hill

Project: 370 Old Northern Road ESA

Project No.: 41112

Client: KMSJ Pty Ltd & Lanox Pty Ltd

Project Manager: Michael Samuel

Total Hole Depth: 0.3m

Eastings: 0

Northings: 0

Date: 02/03/2010

Operator and Co.: -

Excavation Method: Hand Auger

Log By: Michael Samuel

Excavation Width:

SUBSURFACE PROFILE			SAMPLE			
Depth	Visual	Description	Number	Condition	PID (ppm)	Observations
0.0		Ground Surface				
		Silty CLAY Dark brown, homogeneous, damp, fine grains, soft, high plasticity	HA07-0-0.1			No odours or staining observed
		END OF INVESTIGATION AT 0.3m bgs (programmed depth)				

Sample Method	Sample Condition		
HA - Hand Auger SFA - Solid Flight Auger HFA - Hollow Flight Auger PT - Push Tubing	U - undisturbed tube sample D - disturbed sample CS - core sample		



Borehole No.: HA08

Location: Castle Hill

Project: 370 Old Northern Road ESA

Total Hole Depth: 0.3m

Operator and Co.: -

Project No.: 41112

Eastings: 0

Excavation Method: Hand Auger

Client: KMSJ Pty Ltd & Lanox Pty Ltd

Northings: 0

Log By: Michael Samuel

Project Manager: Michael Samuel

Date: 02/03/2010

Excavation Width:

SUBSURFACE PROFILE			SAMPLE			
Depth	Visual	Description	Number	Condition	PID (ppm)	Observations
0.0		Ground Surface				
		Silty CLAY Dark brown, homogeneous, damp, fine grains, soft, high plasticity	HA08-0-0.1			No odours or staining observed
		END OF INVESTIGATION AT 0.3m bgs (programmed depth)				

Sample Method	Sample Condition		
HA - Hand Auger SFA - Solid Flight Auger HFA - Hollow Flight Auger PT - Push Tubing	U - undisturbed tube sample D - disturbed sample CS - core sample		



Borehole No.: HA09

Location: Castle Hill

Project: 370 Old Northern Road ESA

Total Hole Depth: 0.2m

Operator and Co.: -

Project No.: 41112

Eastings: 0

Excavation Method: Hand Auger

Client: KMSJ Pty Ltd & Lanox Pty Ltd

Northings: 0

Log By: Michael Samuel

Project Manager: Michael Samuel

Date: 02/03/2010

Excavation Width:

SUBSURFACE PROFILE			SAMPLE			
Depth	Visual	Description	Number	Condition	PID (ppm)	Observations
0.0		Ground Surface				
		Silty CLAY Medium to dark brown, homogeneous, medium plasticity, low density, soft, some sandstone gravels	HA09-0-0.1			No odours or staining observed
		END OF INVESTIGATION AT 0.2m bgs (programmed depth)				

Sample Method	Sample Condition		
HA - Hand Auger SFA - Solid Flight Auger HFA - Hollow Flight Auger PT - Push Tubing	U - undisturbed tube sample D - disturbed sample CS - core sample		



Borehole No.: HA10

Location: Castle Hill

Project: 370 Old Northern Road ESA

Total Hole Depth: 0.3m

Operator and Co.: -

Project No.: 41112

Eastings: 0

Excavation Method: Hand Auger

Client: KMSJ Pty Ltd & Lanox Pty Ltd

Northings: 0

Log By: Michael Samuel

Project Manager: Michael Samuel

Date: 02/03/2010

Excavation Width:

SUBSURFACE PROFILE			SAMPLE			
Depth	Visual	Description	Number	Condition	PID (ppm)	Observations
0.0		Ground Surface				
		Silty CLAY Dark brown, soft, homogeneous, damp, medium plasticity, medium density, fine grains	HA010-0-0.1			No odours or staining observed
		END OF INVESTIGATION AT 0.3m bgs (programmed depth)				

Sample Method	Sample Condition		
HA - Hand Auger SFA - Solid Flight Auger HFA - Hollow Flight Auger PT - Push Tubing	U - undisturbed tube sample D - disturbed sample CS - core sample		



Borehole No.: HA11

Location: Castle Hill

Project: 370 Old Northern Road ESA

Total Hole Depth: 0.3m

Operator and Co.: -

Project No.: 41112

Eastings: 0

Excavation Method: Hand Auger

Client: KMSJ Pty Ltd & Lanox Pty Ltd

Northings: 0

Log By: Michael Samuel

Project Manager: Michael Samuel

Date: 02/03/2010

Excavation Width:

SUBSURFACE PROFILE			SAMPLE			
Depth	Visual	Description	Number	Condition	PID (ppm)	Observations
0.0		Ground Surface				
		Silty CLAY Dark brown, soft, homogeneous, damp, medium plasticity, medium density, fine grains	HA011-0-0.1			No odours or staining observed
		END OF INVESTIGATION AT 0.3m bgs (programmed depth)				

Sample Method	Sample Condition		
HA - Hand Auger SFA - Solid Flight Auger HFA - Hollow Flight Auger PT - Push Tubing	U - undisturbed tube sample D - disturbed sample CS - core sample		



Borehole No.: HA12

Location: Castle Hill

Project: 370 Old Northern Road ESA

Project No.: 41112

Client: KMSJ Pty Ltd & Lanox Pty Ltd

Project Manager: Michael Samuel

Total Hole Depth: 0.3m

Eastings: 0

Northings: 0

Date: 02/03/2010

Operator and Co.: -

Excavation Method: Hand Auger

Log By: Michael Samuel

Excavation Width:

SUBSURFACE PROFILE			SAMPLE			
Depth	Visual	Description	Number	Condition	PID (ppm)	Observations
0.0		Ground Surface				
		Silty CLAY Dark brown, soft, homogeneous, damp, medium plasticity, medium density, fine grains	HA012-0-0.1			No odours or staining observed
		END OF INVESTIGATION AT 0.3m bgs (programmed depth)				

Sample Method	Sample Condition		
HA - Hand Auger SFA - Solid Flight Auger HFA - Hollow Flight Auger PT - Push Tubing	U - undisturbed tube sample D - disturbed sample CS - core sample		



Borehole No.: HA13

Location: Castle Hill

Project: 370 Old Northern Road ESA

Total Hole Depth: 0.3m

Operator and Co.: -

Project No.: 41112

Eastings: 0

Excavation Method: Hand Auger

Client: KMSJ Pty Ltd & Lanox Pty Ltd

Northings: 0

Log By: Michael Samuel

Project Manager: Michael Samuel

Date: 02/03/2010

Excavation Width:

SUBSURFACE PROFILE			SAMPLE			
Depth	Visual	Description	Number	Condition	PID (ppm)	Observations
0.0		Ground Surface				
		Silty CLAY Dark brown, soft, homogeneous, damp, medium plasticity, medium density, fine grains	HA013-0-0.1			No odours or staining observed
		END OF INVESTIGATION AT 0.3m bgs (programmed depth)				

Sample Method	Sample Condition		
HA - Hand Auger SFA - Solid Flight Auger HFA - Hollow Flight Auger PT - Push Tubing	U - undisturbed tube sample D - disturbed sample CS - core sample		



Borehole No.: HA14

Location: Castle Hill

Project: 370 Old Northern Road ESA

Total Hole Depth: 0.3m

Operator and Co.: -

Project No.: 41112

Eastings: 0

Excavation Method: Hand Auger

Client: KMSJ Pty Ltd & Lanox Pty Ltd

Northings: 0

Log By: Michael Samuel

Project Manager: Michael Samuel

Date: 02/03/2010

Excavation Width:

SUBSURFACE PROFILE			SAMPLE			
Depth	Visual	Description	Number	Condition	PID (ppm)	Observations
0.0		Ground Surface				
		Silty CLAY Dark brown, soft, homogeneous, damp, high plasticity	HA014-0-0.1			No odours or staining observed
		Silty CLAY As above, medium brown				
		END OF INVESTIGATION AT 0.3m bgs (programmed depth)				

Sample Method	Sample Condition		
HA - Hand Auger SFA - Solid Flight Auger HFA - Hollow Flight Auger PT - Push Tubing	U - undisturbed tube sample D - disturbed sample CS - core sample		



Borehole No.: HA15

Location: Castle Hill

Project: 370 Old Northern Road ESA

Total Hole Depth: 0.25m

Operator and Co.: -

Project No.: 41112

Eastings: 0

Excavation Method: Hand Auger

Client: KMSJ Pty Ltd & Lanox Pty Ltd

Northings: 0

Log By: Michael Samuel

Project Manager: Michael Samuel

Date: 02/03/2010

Excavation Width:

SUBSURFACE PROFILE			SAMPLE			
Depth	Visual	Description	Number	Condition	PID (ppm)	Observations
0.0		Ground Surface				
		Silty CLAY Medium brown, dry to damp, heterogeneous, fine grains, soft, medium plasticity	HA015-0-0.1			No odours or staining observed
		END OF INVESTIGATION AT 0.25m bgs (programmed depth)				

Sample Method	Sample Condition		
HA - Hand Auger SFA - Solid Flight Auger HFA - Hollow Flight Auger PT - Push Tubing	U - undisturbed tube sample D - disturbed sample CS - core sample		



Borehole No.: HA16

Location: Castle Hill

Project: 370 Old Northern Road ESA

Project No.: 41112

Client: KMSJ Pty Ltd & Lanox Pty Ltd

Project Manager: Michael Samuel

Total Hole Depth: 0.25m

Eastings: 0

Northings: 0

Date: 02/03/2010

Operator and Co.: -

Excavation Method: Hand Auger

Log By: Michael Samuel

Excavation Width:

SUBSURFACE PROFILE			SAMPLE			
Depth	Visual	Description	Number	Condition	PID (ppm)	Observations
0.0		Ground Surface				
		Silty CLAY Medium to dark brown, slightly damp, homogeneous, soft, medium plasticity, medium density, some fine sandstone gravels	HA016-0-0.1			No odours or staining observed
		END OF INVESTIGATION AT 0.25m bgs (programmed depth)				

Sample Method	Sample Condition		
HA - Hand Auger SFA - Solid Flight Auger HFA - Hollow Flight Auger PT - Push Tubing	U - undisturbed tube sample D - disturbed sample CS - core sample		

Appendix J

Laboratory Reports and Chain of Custody Documentation



Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
enquiries@envirolabservices.com.au
www.envirolabservices.com.au

CERTIFICATE OF ANALYSIS 38463

Client:

JBS Environmental

P.O. Box 940

MASCOT

NSW 1460

Attention: Michael Samuel

Sample log in details:

Your Reference:

41112, Castle Hill Preliminary ESA

No. of samples:

20 Soils, 2 Materials

Date samples received:

03/03/10

Date completed instructions received:

03/03/10

Analysis Details:

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Please refer to the last page of this report for any comments relating to the results.

Report Details:

Date results requested by:

10/03/10

Date of Preliminary Report:

Not Issued

Issue Date:

5/03/10

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This document is issued in accordance with NATA's accreditation requirements.

Accredited for compliance with ISO/IEC 17025.

Tests not covered by NATA are denoted with *.

Results Approved By:

M. Mansfield
Matt Mansfield
Chemist

Envirolab Reference: 38463

Revision No: R 00



Asbestos ID - soils Our Reference: Your Reference Depth Type of sample	UNITS ----- -----	38463-1 HA01 0-0.1 Soil	38463-2 HA02 0-0.1 Soil	38463-3 HA03 0-0.1 Soil	38463-4 HA03 0.2-0.3 Soil	38463-5 HA04 0-0.1 Soil
Date analysed	-	4/03/2010	4/03/2010	4/03/2010	4/03/2010	4/03/2010
Sample Description	-	Approx 25g Soil	Approx 30g Soil	Approx 25g Clay Soil	Approx 25g Clay	Approx 25g Clay Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Depth Type of sample	UNITS ----- -----	38463-6 HA05 0-0.1 Soil	38463-8 HA06 0-0.1 Soil	38463-9 HA07 0-0.1 Soil	38463-10 HA08 0-0.1 Soil	38463-11 HA09 0-0.1 Soil
Date analysed	-	4/03/2010	4/03/2010	4/03/2010	4/03/2010	4/03/2010
Sample Description	-	Approx 20g Soil	Approx 25g Soil	Approx 25g Soil	Approx 30g Soil	Approx 25g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils Our Reference: Your Reference Depth Type of sample	UNITS ----- -----	38463-12 HA10 0-0.1 Soil	38463-13 HA11 0-0.1 Soil	38463-14 HA12 0-0.1 Soil	38463-15 HA13 0-0.1 Soil	38463-16 HA14 0-0.1 Soil
Date analysed	-	4/03/2010	4/03/2010	4/03/2010	4/03/2010	4/03/2010
Sample Description	-	Approx 30g Soil	Approx 30g Soil	Approx 40g Soil	Approx 30g Soil	Approx 30g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Client Reference: 41112, Castle Hill Preliminary ESA

Asbestos ID - soils				
Our Reference:	UNITS	38463-17	38463-18	38463-22
Your Reference	-----	HA15	HA16	QC01
Depth	-----	0-0.1	0-0.1	-
Type of sample		Soil	Soil	Soil
Date analysed	-	4/03/2010	4/03/2010	4/03/2010
Sample Description	-	Approx 35g Soil	Approx 35g Soil	Approx 35g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Client Reference: 41112, Castle Hill Preliminary ESA

Asbestos ID - materials			
Our Reference:	UNITS	38463-20	38463-21
Your Reference	-----	SP01-F1	SP01F2
Depth	-----	-	-
Type of sample		Material	Material
Date analysed	-	4/03/2010	4/03/2010
Sample Description	-	50x60x1mm Fibrous Fragment	30x30x5mm Fibre Cement Fragment
Asbestos ID in materials	-	No asbestos detected	Chrysotile asbestos detected

Envirolab Reference: 38463
Revision No: R 00

