



### Hazardous Building Materials Assessment (Pre-construction)

Classroom Refresh and HVAC Upgrade Project Chemong Public School 1029 Gore Street, Bridgenorth, Ontario

Prepared for:

### Kawartha Pine Ridge District School Board

1994 Fisher Drive, Peterborough, Ontario, K9J 6X6

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Author:

Adam Heizer, B.Sc. Senior Project Technologist 289.971.7921 <u>aheizer@pinchin.com</u>

Reviewer:

Rachel Northey, P. Eng. Project Manager 705.270.0720 rnorthey@pinchin.com

Reviewer:

Michael Harrett, C.E.T. Regional Practice Leader (Ontario), Hazardous Materials 613.881.0762 mharrett@pinchin.com



#### **EXECUTIVE SUMMARY**

Kawartha Pine Ridge District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment at Chemong Public School located at 1029 Gore Street, Bridgenorth, Ontario. Pinchin performed the assessment on April 13, 2021.

The objective of the assessment was to identify specified hazardous building materials in preparation for building renovation activities. The proposed work as identified by the Client includes a classroom refresh project and a HVAC upgrade project.

The results of this assessment are intended for use with a properly developed scope of work or performance specifications.

The assessed area was limited to the part of the building, which consisted of the following locations, as shown on the drawings in Appendix I:

- Science Lab 307 (Location 64)
- Prep Room 307A (Location 63)
- Storage S4 (Location 44)
- Corridor 500H (Location 41)
- Upper Mechanical Room 1 (Location 6)
- Upper Mechanical Room 2 (Location 5)
- Storage Room S2 (Location 4)

#### SUMMARY OF FINDINGS

The following is a summary of significant findings; refer to the body of the report for detailed findings:

#### Asbestos:

- Parging cement on pipe fittings.
- Drywall joint compound on walls.
- Transite board behind radiators and Transite rainwater leaders.
- 12" x 12" light brown with dark brown and white streak vinyl floor tiles.
- Textile vibration dampers on ducts.
- Gold anti-sweat sink mastic on undersides of sinks.
- Chalkboard and tackboard adhesives are presumed to contain asbestos.



- Caulking and putties are presumed to contain asbestos.
- Terrazzo is presumed to contain asbestos.
- Sealants on pipe threads are presumed to contain asbestos.

All asbestos-containing materials were observed to be in good condition.

Lead:

• All paints sampled in the assessed area are considered low-level lead paints:

Silica: Crystalline silica is present in concrete, mortar, masonry, drywall and ceiling tiles.

Mercury: Mercury vapour is present in lamp tubes.

Polychlorinated Biphenyls (PCBs): PCBs are not present.

Mould and Water Damage: Visible mould and water damage was not observed.



#### SUMMARY OF RECOMMENDATIONS

The following is a summary of significant recommendations; refer to the body of the report for detailed recommendations.

- Do not disturb suspected hazardous building materials discovered during the planned work, which have not been identified in this report and arrange for further evaluation and testing.
- 2. Conduct sampling of presumed asbestos-containing materials prior to disturbance.
- Provide this report and the detailed plans and specifications to the contractor prior to bidding or commencing work
- 4. Remove and properly dispose of asbestos-containing materials prior to renovation activities.
- 5. Recycle mercury-containing lamp tubes when removed from service.
- 6. Follow appropriate safe work procedures when handling or disturbing silica and lead.
- Retain a qualified consultant to specify, inspect and verify the successful removal of hazardous materials.
- Update the asbestos inventory upon completion of the abatement and removal of asbestos-containing materials and any other relevant findings.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.



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#### 1.0 INTRODUCTION AND SCOPE

Kawartha Pine Ridge District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment at Chemong Public School located at 1029 Gore Street, Bridgenorth, Ontario.

Pinchin performed the assessment on April 13, 2021. The surveyor was unaccompanied during the assessment. The assessed area was occupied at the time of the assessment.

The objective of the assessment was to identify specified hazardous building materials in preparation for building renovation activities.

The proposed renovations as identified by the Client includes a classroom refresh project in Science Lab 307 (Location 64) and Prep Room 307A (Location 63).

The HVAC upgrade project includes Storage Room S2 (Location 4) Storage S4 (Location 44), area around exhaust vents in Corridor 500H (Location 41), Upper Mechanical Room 1 (Location 6) and Upper Mechanical Room 2 (Location 5).

The results of this assessment are intended for use with a properly developed performance specification.

#### 1.1 Scope of Assessment

The **assessed area** is limited to the portions of the building to renovated, as described by the Client and identified in the drawings in Appendix I.

The assessment was performed to establish the type of specified hazardous building materials, locations and approximate quantities incorporated in the structure(s) and its finishes.

For the purpose of the assessment and this report, hazardous building materials are defined as follows:

- Asbestos
- Lead
- Silica
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Mould

The following Designated Substances are not typically found in building materials in a composition/state that is hazardous and were not included in this assessment:

Arsenic



- Acrylonitrile
- Benzene
- Coke oven emissions
- Ethylene oxide
- Isocyanates
- Vinyl chloride monomer

#### 2.0 METHODOLOGY

Pinchin conducted a room-by-room assessment (rooms, corridors, service areas, exterior, etc.) to identify the hazardous building materials as defined in the scope.

Limited destructive testing of flooring was conducted where possible (under ceramic tiles, carpets or multiple layers of flooring). Demolition of exterior building finishes, masonry walls (chases, shafts etc.), and structural surrounds was not conducted.

Limited demolition of masonry block walls (core holes) was conducted to investigate for loose fill vermiculite insulation. Sampling of roofing materials was not conducted.

For further details on the methodology including test methods, refer to Appendix III.

#### 3.0 BACKGROUND INFORMATION

#### 3.1 Building Description

Description Item	Details
Use	Elementary school.
Number of Floors	The building is one storey with mechanical room penthouses.
Total Area	The total area of the building is 41,354 square feet. The assessed area is 3,480 square feet.
Year of Construction	The building was constructed in 1967 with additions in 1972 and in 2002. The assessment was conducted in the 1967 and 1972 portions of the building
Structure	Structural steel, concrete.
Exterior Cladding	Brick.
HVAC	Fan units, boiler and hot water heating to radiators.
Roof	Not assessed.
Flooring	Vinyl tile, terrazzo, concrete.



Description Item	Details
Interior Walls	Drywall, concrete block.
Ceilings	Drywall, acoustic ceiling tiles.

#### 3.2 Existing Reports

Pinchin previously prepared the following reports, which have been reviewed as part of this assessment:

- "Asbestos Assessment, Chemong Public School, 1029 Gore Street, Bridgenorth, Ontario", June 4, 2018. Pinchin File No. 217434.
- "2020 Asbestos Building Materials Reassessment, Chemong Public School, 1029 Gore Street, Bridgnorth, Ontario", April 6, 2020. Pinchin File No. 249042.

#### 3.3 Inaccessible Locations

The following rooms or areas were not accessible and are therefore not included in the report:

Area or Room	Reason
Ceiling space in Storage S2 (Location 4)	HVAC systems in ceiling space could not be accessed due to solid ceiling.

#### 4.0 FINDINGS

The following section summarizes the findings of the assessment and provides a general description of the hazardous materials identified and their locations. For details on approximate quantities, condition, friability and locations of hazardous materials; refer to the Hazardous Material Summary / Sample Log and All Data Report in Appendices V and VI.

Any quantities listed in this report or data tables are estimated based on visual approximations only and are subject to variation.

#### 4.1 Asbestos

#### 4.1.1 Pipe Insulation

Parging cement, containing chrysotile asbestos, is present on pipe fittings (elbows, tees) on various pipe systems (samples 0006A-C). Parging cement is a friable insulation, jacketed with canvas.

Remaining pipes are either insulated with fibreglass or uninsulated.

Pipes insulated with asbestos-containing insulations may be present in inaccessible spaces such as above solid ceilings, in chases, in column enclosures and within shafts.



Chemong Public School, 1029 Gore Street, Bridgenorth, Ontario Kawartha Pine Ridge District School Board



Asbestos-containing parging cement in Storage S4 (Location 44).

#### 4.1.2 Duct Insulation and Mastic

Ducts are either uninsulated or insulated with non-asbestos fibreglass (foil-faced or canvas jacketing).



in Storage S4 (Location 44).



Ducts insulated with fibreglass insulation jacketed with canvas Ducts insulated with fibreglass insulation jacketed with foil-face in Mechanical Room M1 (Location 6).

#### 4.1.3 Mechanical Equipment Insulation

Fan units present in the Storage S4 (Location 44), Upper Mechanical Room 1 (Location 6) and Upper Mechanical Room 2 (Location 5) are uninsulated.



Uninsulated fan units in Upper Mechanical Room 2 (Location 5).



#### 4.1.4 Vermiculite

Destructive testing was conducted of a representative selection of masonry block walls, including creating penetrations at three locations. The locations of destructive testing have been indicated on the drawings in Appendix I.

Loose fill vermiculite was not observed within the cavities.

#### 4.1.5 Acoustic Ceiling Tiles

Acoustic ceiling tiles are present in the assessed area, as follows:

Size, Type, Pattern	Sample Locations	Sample Number or Date Code	Asbestos Type
24" x 48", lay-in, beige fissure and pinhole	Science Lab 307 (Location 64)	0035A-C	None Detected
24" x 48", lay-in, fissure and pinhole	Visually observed in Location 41	2010 date code	None
24" x 48", lay-in, large fissure with large pinhole	Boys Washroom (Location 7)	0008A-C	None Detected

The 24" x 48" fissure and pinhole ceiling tiles are presumed to be non-asbestos based on the date of manufacture determined from the date stamp applied to the top of the tiles. The tiles were manufactured after asbestos stopped being used in acoustic ceiling tiles.

The 24" x 48" large fissure with large pinhole ceiling tiles are present in Location 41 and displayed in the HMIS data; however, are not present in the assessed area.



Non-asbestos 24" x 48", lay-in, beige fissure and pinhole ceiling tile.



Non-asbestos 24" x 48", lay-in, fissure and pinhole ceiling tile.





Non-asbestos 24" x 48", lay-in, lareg fissure and large pinhole ceiling tile.

#### 4.1.6 Drywall Joint Compound

Drywall joint compound, containing chrysotile asbestos, is present on walls and ceilings in isolated locations in the assessed area (samples 0001A-C, 0016A-C, and 0038A-C). Drywall joint compound is a non-friable material.



Asbestos-containing drywall joint compound present in Science Lab 307 (Location 64).

#### 4.1.7 Asbestos Cement Products (Transite)

Transite board, presumed to contain asbestos based on visual observation, is present on walls behind radiators in Science Lab 307 (Location 64). Transite is a non-friable material.

Transite board, containing chrysotile asbestos, is present in Corridor 500H (Location 41) behind radiators (samples 0020A). Transite board is present in Corridor 500 (Location 41) but not in the assessed area. Transite is a non-friable material.

Transite pipe, presumed to contain asbestos based on visual observation, is present as rainwater leaders in Corridor 500H (Location 41) and Storage S4 (Location 44). Transite is a non-friable material.



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Chemong Public School, 1029 Gore Street, Bridgenorth, Ontario Kawartha Pine Ridge District School Board



Presumed asbestos Transite panels behind radiator.

### 4.1.8 Vinyl Floor Tiles

Vinyl floor tiles are present as follows:



Presumed asbestos Transite panels behind radiator.

Description	Sample Locations	Sample Number	Asbestos Type (tile)	Asbestos Type (mastic)
12" x 12" light brown with dark brown and white streak	Science Lab 307 (Location 64)	0034A-C	Chrysotile	None Detected

The vinyl floor tiles are non-friable.



Asbestos-containing 12" x 12" light brown with dark brown and white streak vinyl floor tile.

#### 4.1.9 Paper and Textile Products

Textile vibration dampers, containing chrysotile asbestos (sample S0002), are present as duct connectors in Upper Mechanical Room 2 (Location 5) and Upper Mechanical Room 1 (Location 6) (S002A-C). Vibration dampers are non-friable.



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Chemong Public School, 1029 Gore Street, Bridgenorth, Oni Kawartha Pine Ridge District School Board



Asbestos-containing textile vibration damper in Upper Mechanical Room 2 (Location 5).

#### 4.1.10 Other Building Materials

White paint present on concrete block in Science Lab 307 (Location 64) and Prep Room 307A (Location 63) does not contain asbestos (samples 0036A-C).

Gold mastic, containing chrysotile asbestos, is present on the underside of the sinks in Science Lab 307 (Location 64) (samples 0037A-C). Mastic is non-friable.

Black duct mastic present at the exhaust duct roof penetration in Corridor (Location 41) does not contain asbestos (samples 0039A-C).





Non-asbestos white paint on block wall in Science Lab 307 (Location 64).

Asbestos-containing gold mastic on sink in Science Lab 307 (Location 64).



Non-asbestos black duct mastic at exhuast roof penetration.



#### 4.1.11 Presumed Asbestos Materials

The following is a list of materials which may contain asbestos and was excluded from the assessment. These materials are presumed to contain asbestos until otherwise proven by sampling and analysis:

- Chalkboard/tackboard adhesives
- Floor levelling compound
- Caulking and putties
- Terrazzo
- Sealants on pipe threads

#### 4.2 Lead

#### 4.2.1 Paints and Surface Coatings

Refer to the lab report(s) in Appendix II-B and the Hazardous Materials Summary Report in Appendix V for details on paints sampled and their locations.

Sample Number	Colour, Substrate Description	Sample Location	Lead (%)
L01	Blue paint on metal doorframes	Science Lab 307 (Location 64)	0.056
L02	White paint on block wall	Science Lab 307 (Location 64)	0.0073
L03	Green paint on metal mechanical equipment	Storage S4 (Location 44)	0.095
L04	Green paint on metal mechanical equipment	Upper Mechanical Room #1 (Location 6)	0.020

The following table summarizes the analytical results.

All paints sampled were below the threshold of 0.1% (1,000 mg/kg).

Results less than or equal to 0.1% (1,000 mg/kg), but equal to or greater than 0.009% (90 mg/kg), are considered low-level lead paints or surface coatings in accordance with the EACO guideline.

All paints determined to contain lead were found to be in good condition and not flaking, peeling or delaminating.

#### 4.2.2 Lead Products and Applications

Lead products were not found during the assessment.



#### 4.2.3 Presumed Lead Materials

Lead is known to be present in a number of materials which were not assessed or sampled. The following materials, where found, should be presumed to contain lead.

- Electrical components, including wiring connectors, grounding conductors, and solder
- Solder on pipe connections

#### 4.3 Silica

Crystalline silica is known to be a component of the following materials:

- Poured or pre-cast concrete
- Masonry and mortar
- Drywall
- Ceiling tiles

#### 4.4 Mercury

4.4.1 Lamps

Mercury vapour is present in fluorescent lamp tubes.

#### 4.4.2 Mercury-Containing Devices

Mercury-containing devices were not found during the assessment.

#### 4.5 Polychlorinated Biphenyls

#### 4.5.1 Lighting Ballasts

Based on information from the Client and confirmed by visual observations (evidence of T-5 or T-8 fixtures with magnetic ballasts) the building will not contain PCB ballasts.

#### 4.5.2 Transformers

Transformers were not found during the assessment.

#### 4.6 Mould and Water Damage

Visible mould growth and water damage was not found during the assessment.



#### 5.0 **RECOMMENDATIONS**

#### 5.1 General

- Do not disturb suspected hazardous building materials discovered during the planned work, which have not been identified in this report and arrange for further evaluation and testing.
- 2. Conduct sampling of presumed asbestos-containing materials prior to disturbance.
- Remove and properly dispose of asbestos-containing materials prior to renovation activities.
- 4. Recycle mercury-containing lamp tubes when removed from service.
- 5. Follow appropriate safe work procedures when handling or disturbing silica and lead.
- 6. Provide this report and the detailed plans and specifications to the contractor prior to bidding or commencing work.
- Retain a qualified consultant to specify, inspect and verify the successful removal of hazardous materials.
- Update the asbestos inventory upon completion of the abatement and removal of asbestos-containing materials and any other relevant findings.

#### 5.2 Building Renovation Work

The following recommendations are made regarding renovation involving the hazardous materials identified.

#### 5.2.1 Asbestos

Remove asbestos-containing materials (ACM) prior to renovation, alteration, or maintenance if ACM may be disturbed by the work.

If the identified ACM will not be removed prior to commencement of the work, any potential disturbance of ACM must follow asbestos precautions appropriate for the type of work being performed.

Asbestos-containing materials must be disposed of at a landfill approved to accept asbestos waste.

#### 5.2.2 Lead

For paints identified as having low levels of lead (i.e., less than the EACO guideline of 0.1% (1,000 mg/kg) for lead-containing paints but equal to or above 0.009% (90 mg/kg)) special precautions are not recommended unless aggressive disturbance (grinding, blasting, torching) is planned. Exposure from



construction disturbance of paints containing lead less than 0.009% (90 mg/kg) is assumed to be insignificant.

#### 5.2.3 Silica

Construction disturbance of silica-containing products may result in excessive exposures to airborne silica, especially if performed indoors and dry. Cutting, grinding, drilling or demolition of materials containing silica should be completed only with proper respiratory protection and other worker safety precautions that comply with per Ontario regulations and guidelines.

#### 5.2.4 Mercury

Do not break lamps. Recycle and reclaim mercury from fluorescent lamps when taken out of service. Mercury is classified as a hazardous waste and must be disposed of in accordance with Ontario regulations.

#### 5.2.5 PCBs

As light fixtures are removed from service, examine light ballasts for PCB content. If ballasts are not clearly labelled as "non-PCB" or are suspected to contain PCBs; package and ship ballasts for destruction at a federally permitted facility. As per the PCB Regulation (SOR/2008-273), all PCB light ballasts must be removed from service and properly disposed of by December 31, 2025.

#### 6.0 TERMS AND LIMITATIONS

This work was performed subject to the Terms and Limitations presented or referenced in the proposal for this project.

Information provided by Pinchin is intended for Client use only. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law. Any use by a third party of reports or documents authored by Pinchin or any reliance by a third party on or decisions made by a third party based on the findings described in said documents, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted. No other warranties are implied or expressed.

#### 7.0 REFERENCES

The following legislation and documents were referenced in completing the assessment and this report:

- Asbestos on Construction Projects and in Buildings and Repair Operations, Ontario Regulation 278/05.
- 2. Designated Substances, Ontario Regulation 490/09.



- 3. Lead on Construction Projects, Ministry of Labour Guidance Document.
- 4. The Environmental Abatement Council of Ontario (EACO) Lead Guideline for Construction, Renovation, Maintenance or Repair.
- 5. Ministry of the Environment Regulation, R.R.O. 1990 Reg. 347 as amended.
- 6. Ministry of the Environment Regulation, R.R.O. 1990 Reg. 362 as amended.
- 7. Silica on Construction Projects, Ministry of Labour Guidance Document.
- 8. Alert Mould in Workplace Buildings, Ontario Ministry of Labour.
- 9. PCB Regulations, SOR/2008-273, Canadian Environmental Protection Act.
- Surface Coating Materials Regulations, SOR/2016-193, Canada Consumer Product Safety Act.

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APPENDIX I Drawings



APPENDIX II-A Asbestos Analytical Certificates



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd 380 Armour Rd Suite 101 Peterborough, ON K9H 7L7 Attn: Tiffany Smith



Project: KPRDSB-Chemong PS

Sample ID	Description	Ashestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASUCSIUS	Components	Components	Treatment
S001A	Drywall - Boiler Room BR1 (Loc 3)	None Detected		100% Other	White Non Fibrous Heterogeneous
1101401PLM_1					Teased
S001B	Drywall - Classroom 204 (Loc 39)	3% Chrysotile		97% Other	Tan Non Fibrous Heterogeneous
1101401PLM_2					Teased
S001C	Drywall - Corridor 110H (Loc 34)	Not Analyzed			
1101401PLM_3	-				
S001D	Drywall - Corridor 110H (Loc 34)	Not Analyzed			
1101401PLM_4	-				
S001E	Drywall - Library 308 (Loc 47)	Not Analyzed			
1101401PLM_5	-				
S001F	Drywall - Classroom 104 (Loc 13)	Not Analyzed			
1101401PLM_6	-				
S001G	Drywall - Custodian Room C1 (Loc *)	Not Analyzed			
1101401PLM_7	1				
S002A	Textile Damper - Upper Mechanical Room (Loc 6)	80% Chrysotile	10% Cellulose	10% Other	White Fibrous Heterogeneous
1101401PLM_8	1				Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, verniculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the US, government. Estimated MDL is 0.1%.

Ired Gulley (64)

1

Analyst

Nathaniel Durham, MS or Approved Signatory



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd 380 Armour Rd Suite 101 Peterborough, ON K9H 7L7 Attn: Tiffany Smith



Project: KPRDSB-Chemong PS

Sample ID	Description	Achestes	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASDESIUS	Components	Components	Treatment
S002B	Textile Damper - Upper Mechanical Room (Loc 6)	Not Analyzed			
1101401PLM_9					
S002C	Textile Damper - Upper Mechanical Room (Loc 6)	Not Analyzed			
1101401PLM_10					
S003A - A	Vinyl floor tile - 9 x 9 Brown with black and white streaks - Storage Room S2 (Loc 4)	5% Chrysotile		95% Other	Brown Non Fibrous Heterogeneous
1101401PLM_11	tile tile				Dissolved
S003A - B	Vinyl floor tile - 9 x 9 Brown with black and white streaks - Storage Room S2 (Loc 4)	8% Chrysotile		92% Other	Black Non Fibrous Heterogeneous
1101401PLM_50	mastic				Dissolved
S003B - A	Vinyl floor tile - 9 x 9 Brown with black and white streaks - Storage Room S2 (Loc 4)	Not Analyzed			
1101401PLM_12	tile tile				
S003B - B	Vinyl floor tile - 9 x 9 Brown with black and white streaks - Storage Room S2 (Loc 4)	Not Analyzed			
1101401PLM_51	mastic				
S003C - A	Vinyl floor tile - 9 x 9 Brown with black and white streaks - Storage Room S2 (Loc 4)	Not Analyzed			
1101401PLM_13					
S003C - B	Vinyl floor tile - 9 x 9 Brown with black and white streaks - Storage Room S2 (Loc 4)	Not Analyzed			
1101401PLM_52	musiic				

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the US, government. Estimated MDL is 0.1%.

Ired Gulley (64)

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Analyst

Nathaniel Durham, MS or Approved Signatory



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd 380 Armour Rd Suite 101 Peterborough, ON K9H 7L7 Attn: Tiffany Smith



Project: KPRDSB-Chemong PS

Sample ID	Description	Ashastas		Fibrous	No	n-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	C	omponents	Co	mponents	Treatment
S004A	AT01 - 2 x 4 Radon fissure and medium pinhole - Boys Washroom B1 (Loc 7)	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1101401PLM_14							Teased
S004B	AT01 - 2 x 4 Radon fissure and medium pinhole - Boys Washroom B1 (Loc 7)	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1101401PLM_15							Teased
S004C	AT01 - 2 x 4 Radon fissure and medium pinhole - Boys Washroom B1 (Loc 7)	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1101401PLM_16	-						Teased
S005A	AT02 - 2 x 4 Ridges with grouped pinhole - Boys Washroom B1 (Loc 7)	None Detected	45% 45%	Cellulose Fiber Glass	10%	Other	White Fibrous Heterogeneous
1101401PLM_17							Teased
S005B	AT02 - 2 x 4 Ridges with grouped pinhole - Boys Washroom B1 (Loc 7)	None Detected	45% 45%	Cellulose Fiber Glass	10%	Other	White Fibrous Heterogeneous
1101401PLM_18	-						Teased
S005C	AT02 - 2 x 4 Ridges with grouped pinhole - Boys Washroom B1 (Loc 7)	None Detected	45% 45%	Cellulose Fiber Glass	10%	Other	White Fibrous Heterogeneous
1101401PLM_19							Teased
S006A	Parging cement - Boys Washroom B1 (Loc 7)	30% Chrysotile			70%	Other	Gray Fibrous Heterogeneous
1101401PLM_20	_						Teased
S006B	Parging cement - Boys Washroom B1 (Loc 7)	Not Analyzed					
1101401PLM_21							

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the US, government. Estimated MDL is 0.1%.

Ired Gulley (64)

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Analyst

Nathaniel Durham, MS or Approved Signatory



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd 380 Armour Rd Suite 101 Peterborough, ON K9H 7L7 Attn: Tiffany Smith



Project: KPRDSB-Chemong PS

Sample ID	Description	Ashestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASUCSIUS	Components	Components	Treatment
S006C	Parging cement - Boys Washroom B1 (Loc 7)	Not Analyzed			
1101401PLM_22					
S007A	AT03 - 2 x 4 Uniform pinhole - Boys Washroom B1 (Loc 7)	None Detected	45%Cellulose45%Fiber Glass	10% Other	White Fibrous Heterogeneous
1101401PLM_23					Teased
S007B	AT03 - 2 x 4 Uniform pinhole - Boys Washroom B1 (Loc 7)	None Detected	45%Cellulose45%Fiber Glass	10% Other	White Fibrous Heterogeneous
1101401PLM_24	-				Teased
S007C	AT03 - 2 x 4 Uniform pinhole - Boys Washroom B1 (Loc 7)	None Detected	45%Cellulose45%Fiber Glass	10% Other	White Fibrous Heterogeneous
1101401PLM_25	-				Teased
S008A	AT05 - 2 x 4 Large fissure with large pinhole - Boys Washroom B1 (Loc 7)	None Detected	40%Cellulose40%Fiber Glass	10%Perlite10%Other	White Fibrous Heterogeneous
1101401PLM_26	-				Teased
S008B	AT05 - 2 x 4 Large fissure with large pinhole - Boys Washroom B1 (Loc 7)	None Detected	40%Cellulose40%Fiber Glass	10%Perlite10%Other	White Fibrous Heterogeneous
1101401PLM_27					Teased
S008C	AT05 - 2 x 4 Large fissure with large pinhole - Boys Washroom B1 (Loc 7)	None Detected	40%Cellulose40%Fiber Glass	10%Perlite10%Other	White Fibrous Heterogeneous
1101401PLM_28					Teased
S009A - A	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc	3% Chrysotile		97% Other	Brown Non Fibrous Heterogeneous
1101401PLM_29	inc				Dissolved

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Ired Gulley (64)

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Analyst

Nathaniel Durham, MS or Approved Signatory



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd 380 Armour Rd Suite 101 Peterborough, ON K9H 7L7 Attn: Tiffany Smith



Project: KPRDSB-Chemong PS

Sample ID	Description	Ashestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASUCSIUS	Components	Components Components	
S009A - B	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc	5% Chrysotile	5% Cellulose	90% Other	Yellow, Black Non Fibrous Heterogeneous
1101401PLM_53	mastic				Dissolved
S009B - A	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc	Not Analyzed			
1101401PLM_30	me				
S009B - B	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc	Not Analyzed			
1101401PLM_54	mastic				
S009C - A	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc	Not Analyzed			
1101401PLM_31	- tile				
S009C - B	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc	Not Analyzed			
1101401PLM_55	mastic				
S010A - A	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104	5% Chrysotile		95% Other	Brown Non Fibrous Heterogeneous
1101401PLM_32	me				Dissolved
S010A - B	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104	None Detected	3% Cellulose	97% Other	Yellow Non Fibrous Heterogeneous
1101401PLM_56	mastic				Dissolved
S010B - A	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104	Not Analyzed			
1101401PLM 33	- tile				

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Ired Gulley (64)

Analyst

Nathaniel Durham, MS or Approved Signatory



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd 380 Armour Rd Suite 101 Peterborough, ON K9H 7L7 Attn: Tiffany Smith



Project: KPRDSB-Chemong PS

Sample ID	Description	Ashestas		Fibrous	No	n-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asucsius	C	Components	Co	mponents	Treatment
S010B - B	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104	None Detected	3%	Cellulose	97%	Other	Yellow Non Fibrous Heterogeneous
1101401PLM_57	mastic						Dissolved
S010C - A	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104	Not Analyzed					
1101401PLM_34	tile						
S010C - B	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104	None Detected	3%	Cellulose	97%	Other	Yellow Non Fibrous Heterogeneous
1101401PLM_58	<i>mastic</i>						Dissolved
S011A	AT07 - 2 x 4 Fissure, dimples and pinhole - Classroom 104 (Loc 13)	None Detected	45% 45%	Cellulose Fiber Glass	10%	Other	White Fibrous Heterogeneous
1101401PLM_35	-						Teased
S011B	AT07 - 2 x 4 Fissure, dimples and pinhole - Classroom 104 (Loc 13)	None Detected	45% 45%	Cellulose Fiber Glass	10%	Other	White Fibrous Heterogeneous
1101401PLM_36							Teased
S011C	AT07 - 2 x 4 Fissure, dimples and pinhole - Classroom 104 (Loc 13)	None Detected	45% 45%	Cellulose Fiber Glass	10%	Other	White Fibrous Heterogeneous
1101401PLM_37							Teased
S012A - A	Sweatwrap - RWL - Office 133 (Loc 18)	None Detected	70% 10%	Cellulose Fiber Glass	20%	Other	Brown Fibrous Heterogeneous
1101401PLM_38	brown layer						Teased
S012A - B	Sweatwrap - RWL - Office 133 (Loc 18)	None Detected	60%	Cellulose	40%	Other	Black Fibrous Heterogeneous
1101401PLM_59	black layer						Dissolved, Teased

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Ired Gulley (64)

Analyst

Nathaniel Durham, MS or Approved Signatory



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd 380 Armour Rd Suite 101 Peterborough, ON K9H 7L7 Attn: Tiffany Smith



Project: KPRDSB-Chemong PS

Sample ID	Description	Ashestos		Fibrous	Non	-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASDESIUS	C	Components	Cor	nponents	Treatment
S012B - A	Sweatwrap - RWL - Office 133 (Loc 18)	None Detected	70% 10%	Cellulose Fiber Glass	20%	Other	Brown Fibrous Heterogeneous
1101401PLM_39	brown layer						Teased
S012B - B	Sweatwrap - RWL - Office 133 (Loc 18)	None Detected	60%	Cellulose	40%	Other	Black Fibrous Heterogeneous
1101401PLM_60	black layer						Dissolved, Teased
S012C - A	Sweatwrap - RWL - Office 133 (Loc 18)	None Detected	70% 10%	Cellulose Fiber Glass	20%	Other	Brown Fibrous Heterogeneous
1101401PLM_40	brown layer						Teased
S012C - B	Sweatwrap - RWL - Office 133 (Loc 18)	None Detected	60%	Cellulose	40%	Other	Black Fibrous Heterogeneous
1101401PLM 61	black layer						Dissolved, Teased
S013A	AT11 - 2 x 4 Rough ridges with bundled pinhole - Corridor 500 H (Loc 41)	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1101401PLM_41							Teased
S013B	AT11 - 2 x 4 Rough ridges with bundled pinhole - Corridor 500 H (Loc 41)	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1101401PLM_42							Teased
S013C	AT11 - 2 x 4 Rough ridges with bundled pinhole - Corridor 500 H (Loc 41)	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1101401PLM_43	-						Teased
S014A	AT12 - 2 x 4 Pinhole swirl pattern - Custodian Room C2 (Loc 45)	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1101401PLM_44	1						Teased

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Ired Gulley (64)

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Analyst

Nathaniel Durham, MS or Approved Signatory



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd 380 Armour Rd Suite 101 Peterborough, ON K9H 7L7 Attn: Tiffany Smith



Project: KPRDSB-Chemong PS

Sample ID	Description	Ashestos		Fibrous	Non	-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASUCSIUS	Components		Components		Treatment
S014B	AT12 - 2 x 4 Pinhole swirl pattern - Custodian Room C2 (Loc 45)	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1101401PLM_45							Teased
S014C	AT12 - 2 x 4 Pinhole swirl pattern - Custodian Room C2 (Loc 45)	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1101401PLM_46							Teased
S015A - A	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)	3% Chrysotile			97%	Other	Red Non Fibrous Heterogeneous
1101401PLM_47	nie						Dissolved
S015A - B	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)	None Detected	3%	Cellulose	97%	Other	Black Non Fibrous Heterogeneous
1101401PLM_62	- mastic						Dissolved
S015B - A	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)	Not Analyzed					
1101401PLM_48	tile						
S015B - B	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)	None Detected	3%	Cellulose	97%	Other	Black Non Fibrous Heterogeneous
1101401PLM_63	masnc						Dissolved
S015C - A	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)	Not Analyzed					
1101401PLM_49							
S015C - B	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45) mastic	None Detected	3%	Cellulose	97%	Other	Black Non Fibrous Heterogeneous
1101401PLM_64							Dissolved

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Ired Gulley (64)

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Analyst

Nathaniel Durham, MS or Approved Signatory

# 1101401

Contact:       Tiffany Smith 380 Armour Rd., Suite 101       Use Column "B" for your contact info       Scientarric Antaly         Address:       380 Armour Rd., Suite 101       To See an Example Click the       Institute, Inc         Phone:       (705) 748-4627       To See an Example Tab       Institute, Inc         Fax:       (705) 748-6927       Enter samples between "<" and ">"       302-1 Pomona Di         Email:       tsmith@pinchin.com       Enter samples between "<" and ">"       302-1 Pomona Di         Project:       KPRDSB - Chemong PS       Begin Samples with a "<" above the first sample       Scient Sig. 292.33 1.         Cilent Notes:       Stop on positive       Only Enter your data on the first sheet "Sheat!"       Email: lab@sallab.co         P O, #       59723       Note: Data T and Data 2 are optional       Email: lab@sallab.co         P O, #       2/3/2011 0:00       Feids that bo not show up on the offold       Email: lab@sallab.co	
Address:       380 Armour Rd., Suite 101         Phone:       (7050 748-4627         (705) 748-6927       To See an Example Click the bottom Example Tab.       Institute, Inc         Fax:       (705) 748-6927       Bottom Example Tab.       302-L Pomona Dr         Email:       Ismith@pinchin.com       Enter samples between "<<" and ">>"       302-L Pomona Dr         Froject:       KPRDSB - Chemong PS       Enter samples with a "<" above the first sample and end with a ">" below the last sample and end with a ">" below the last sample       Fax: 336,292.38         Client Notes:       Stop on positive       Stop on positive       Note Data 1 and Date 2 are optional 2/3/2011 0:00       Project is the bor not show up on the official is the bor not show up on the o	ca.
Fax:       (705) 748-6927         Email:       Ismith@pinchin.com         Email:       Ismith@pinchin.com         Project:       KPRDSB - Chemong PS         Stop on positive       Enter samples between "<<" and ">>"         Begin Samples with a "<< "above the first sample	
Email:       tsmith@pinchin.com       Enter samples between "<" and ">"       302-L Pomona Dr.         Project:       KPRDSB - Chemong PS       Begin Samples with a "<" above the first sample and end with a ">" below the lastisample.       Greensboro, NC 274         Client Notes:       Stop on positive       Begin Samples with a "<" above the first sheet "Sheet !"       Prover a 336,292,331         P.O. #.       59723       Note Data 1 and Data 2 are optional       Email: lab@sailab.co         P.O. #.       2/3/2011 0:00       fields that bit not show up on the direct of the direct.       Image: Show up on the direct.	
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Project:       KPRDSB - Chemong PS       Begin Samples with a "<< "above the first sample	DZ
Client Notes:       Stop on positive       And and with a >> below the last sample. Only Enter your data on the first sheet "Sheet1"       Pact 356,292.353         P.O.#.       59723       Note: Data 1 and Date 2 are optional 2/3/2011 0:00       Fields that point show up on the official	18
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Date Submitted: 2/3/2011 0:00 fields that bo not show up on the official state	
Analysis Asbestos analysis In the electronic date comment to you Tum Around Time: 144 Hours + In the electronic date comment to you	

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Section 2. March		
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S001A	Drywall - Boiler Room BR1 (Loc 3)	-
S001B	Drywall - Classroom 204 (Loc 39)	
S001C	Drywall - Corridor 110H (Loc 34)	
S001D	Drywall - Corridor 110H (Loc 34)	Accepted
S001E	Drywall - Library 308 (Loc 47)	
S001F	Drywall - Classroom 104 (Loc 13)	Relected
S001G	Drywall - Custodian Room C1 (Loc *)	
S002a	Textile Damper - Upper Mechanical Room (Loc 6)	
S002B	Textile Damper - Upper Mechanical Room (Loc 6)	
S002C	Textile Damper - Upper Mechanical Room (Loc 6)	
S003A	Vinyl floor tile - 9 x 9 Brown with black and white streaks - Sto	prage Room S2 (Loc 4)
S003B	Vinyl floor tile - 9 x 9 Brown with black and white streaks - Sto	prage Room S2 (Loc 4)
S003C	Vinyl floor tile - 9 x 9 Brown with black and white streaks - Sto	prage Room S2 (Loc 4)
S004A	AT01 - 2 x 4 Radon fissure and medium pinhole - Boys Wasl	nroom B1 (Loc 7)
S004B	AT01 - 2 x 4 Radon fissure and medium pinhole - Boys Wasl	nroom B1 (Loc 7)
S004C	AT01 - 2 x 4 Radon fissure and medium pinhole - Boys Wasl	nroom B1 (Loc 7)
S005A	AT02 - 2 x 4 Ridges with grouped pinhole - Bovs Washroom	B1 (Loc 7)
S005B	AT02 - 2 x 4 Ridges with grouped pinhole - Boys Washroom	B1 (Loc 7)
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S005C	AT02 - 2 x 4 Ridges with grouped pinhole - Boys Washroom B1 (Loc 7)
S006A	Parging cement - Boys Washroom B1 (Loc 7)
S006B	Parging cement - Boys Washroom B1 (Loc 7)
S006C	Parging cement - Boys Washroom B1 (Loc 7)
S007A	AT03 - 2 x 4 Uniform pinhole - Boys Washroom B1 (Loc 7)
S007B	AT03 - 2 x 4 Uniform pinhole - Boys Washroom B1 (Loc 7)
S007C	AT03 - 2 x 4 Uniform pinhole - Boys Washroom B1 (Loc 7)
S008A	AT05 - 2 x 4 Large fissure with large pinhole - Boys Washroom B1 (Loc 7)
S008B	AT05 - 2 x 4 Large fissure with large pinhole - Boys Washroom B1 (Loc 7)
S008C	AT05 - 2 x 4 Large fissure with large pinhole - Boys Washroom B1 (Loc 7)
S009A	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc 13)
S009B	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc 13)
S009C	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc 13)
S010A	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104 (Loc 13)
S010B	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104 (Loc 13)
S010C	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104 (Loc 13)
S011A	AT07 - 2 x 4 Fissure, dimples and pinhole - Classroom 104 (Loc 13)
S011B	AT07 - 2 x 4 Fissure, dimples and pinhole - Classroom 104 (Loc 13)
S011C	AT07 - 2 x 4 Fissure, dimples and pinhole - Classroom 104 (Loc 13)
S012A	Sweatwrap - RWL - Office 133 (Loc 18)
S012B	Sweatwrap - RWL - Office 133 (Loc 18)
S012C	Sweatwrap - RWL - Office 133 (Loc 18)
S013A	AT11 - 2 x 4 Rough ridges with bundled pinhole - Corridor 500 H (Loc 41)
S013B	AT11 - 2 x 4 Rough ridges with bundled pinhole - Corridor 500 H (Loc 41)
S013C	AT11 - 2 x 4 Rough ridges with bundled pinhole - Corridor 500 H (Loc 41)
S014A	AT12 - 2 x 4 Pinhole swirl pattern - Custodian Room C2 (Loc 45)
S014B	AT12 - 2 x 4 Pinhole swirl pattern - Custodian Room C2 (Loc 45)
S014C	AT12 - 2 x 4 Pinhole swirl pattern - Custodian Room C2 (Loc 45)
S015A	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)
S015B	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)
S015C	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)
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Project Name:	Kawartha Pine Ridge	District School Board, Ch	nemong Public School, 102		
Project No.:	72034				
Prepared For:	Chris Moose, Mike Wilson				
-		Date Received:	March 20, 2012		
Lab Reference No.:	b87986	Date Analyzed:	March 23, 2012		
Analyst(s):	K. Cockburn-Swance	# Samples submitted:	3		
		# Phases analyzed:	3		

#### Method of Analysis:

#### EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. The percentage range category reported reflects the level of uncertainty of the method for estimating quantities of asbestos in bulk samples. A reported concentration of less than (<) the regulatory threshold (see chart below) indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with all provincial regulatory requirements (NIOSH 9002, I.R.S.S.T. 244-2). Multiple phases within a sample are analyzed separately.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.1% friable 1% non-friable
Alberta, NWT, Yukon,			
Nunavut	1%	Atlantic Provinces	1%

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

Pinchin Environmental Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples' and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested.

NOTE: This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. Supporting laboratory documentation is available upon request.





Project Name:	Kawartha Pine Ridge District School Board, Chemong Public School, 1029 Gore Str
Project No.:	72034
Prepared For:	Chris Moose, Mike Wilson

Lab Reference No.:b87986Date Analyzed:March 23, 2012

#### **BULK SAMPLE ANALYSIS**

SAMPLE SAMPLE		% COMPOSITION (VISUAL ESTIMATE)			
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER		
0016A Drywall Joint Compound - Located in the Corridor, Location # 41	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%		
0016B Drywall Joint Compound - Located in the Library, location # 47	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%		
0016C Drywall Joint Compound - Located in the Corridor, Location # 42	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%		

ANALYST al





Project Name:	Kawartha Pine Ridge District School Board, Chemong Public School 1029 Gore Street, Bridgenorth, Ontario					
Project No.:	79721					
Prepared For:	Robert McQuillan / Mike Wilson					
		Date Received:	January 8, 2013			
Lab Reference No.:	b95237	Date Analyzed:	January 14, 2013			
Analyst(s):	K. Cockburn-Swance	# Samples submitted:	6			
		# Phases analyzed:	7			

#### Method of Analysis:

#### EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold (see chart below) indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with all provincial regulatory requirements (NIOSH 9002, I.R.S.S.T. 244-2). Multiple phases within a sample are analyzed and reported separately.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.1% friable 1% non-friable
Alberta, NWT, Yukon,			
Nunavut	1%	Atlantic Provinces	1%

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

Pinchin Environmental Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples' and meets all requirements of ISO/IEC 17025:2005.

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Project Name:	Kawartha Pine Ridge District School Board, Chemong Public School		
	1029 Gore Street, Bridgenorth, Ontario		
Project No.:	79721		
Prepared For:	Robert McQuillan / Mike Wilson		

Lab Reference No.:b95237Date Analyzed:January 14, 2013

#### **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
0017A Texture Coat on Steel - Classroom 102 - Column on the west wall.	Homogeneous, light grey, finishing or texture coat.	None Detected	Perlite 10-25% Other Non-Fibrous > 75%	
0017B Texture Coat on Steel - Classroom 102 - Column on the west wall.	Homogeneous, light grey, finishing or texture coat.	None Detected	Perlite 10-25% Other Non-Fibrous > 75%	
0017C Texture Coat on Steel - Classroom 104 - Column on the west wall.	Homogeneous, light grey, finishing or texture coat.	None Detected	Perlite 10-25% Other Non-Fibrous > 75%	
0018A Vinyl Floor Tile and Mastic - 12"x12" - White with blue streaks - Classroom 203	2 Phases: a) Homogeneous, white, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%	
	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.	Chrysotile 0.5-5%	Tar and other non- > 75% fibrous	
0018B Vinyl Floor Tile and Mastic - 12"x12" - White with blue streaks - Classroom 203	2 Phases: a) Homogeneous, white, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%	
	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.		Not Analyzed	
Comments:	Phase b) was not analyzed	due to a previous positive result.		

ANALYST




## Pinchin Environmental Asbestos Laboratory Certificate of Analysis

Project Name:	Kawartha Pine Ridge District School Board, Chemong Public School
	1029 Gore Street, Bridgenorth, Ontario
Project No.:	79721
Prepared For:	Robert McQuillan / Mike Wilson

Lab Reference No.:b95237Date Analyzed:January 14, 2013

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
0018C Vinyl Floor Tile and Mastic - 12"x12" - White with blue streaks - Classroom 203	<ul> <li>2 Phases:</li> <li>a) Homogeneous, white, consolidated, vinyl floor tile.</li> <li>b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.</li> </ul>	None Detected	Non-Fibrous Material > 75 Not Analyzed	
Comments:	Phase b) was not analyzed	udue to a previous positive result.		

ANALYST





## Pinchin Environmental Asbestos Laboratory Certificate of Analysis

Project Name:	Kawartha Pine Ridge District School Board, Chemong Public School, 1029 Gore Street, Bridgenorth			
Project No.:	91677	-		
Prepared For:	Mike Wilson	Date Received:	February 13, 2014	
Lab Reference No.:	b106126	Date Analyzed:	February 18, 2014	
Analyst(s):	B. Hicks	# Samples submitted:	3	
		# Phases analyzed:	1	

### Method of Analysis:

### EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold (see chart below) indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with all provincial regulatory requirements (NIOSH 9002, I.R.S.S.T. 244-3). Multiple phases within a sample are analyzed and reported separately.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia,			
Nova Scotia	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.1% friable 1% non-friable
Alberta, NWT, Yukon,		Newfoundland and Labrador,	
Nunavut	1%	PEI and New Brunswick	1%

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

Pinchin Environmental Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples' and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested.

NOTE: This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.





## Pinchin Environmental Asbestos Laboratory Certificate of Analysis

Project Name:Kawartha Pine Ridge District School Board, Chemong Public School,<br/>1029 Gore Street, BridgenorthProject No.:91677Prepared For:Mike Wilson

Lab Reference No.:b106126Date Analyzed:February 18, 2014

### **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)			
IDENTIFICATION	DESCRIPTION	ASBESTOS		OTHER	
0019A Drywall Joint Compound - Bulkhead in Vestibule 100V	Homogeneous, beige, drywall joint compound.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
Comments:	Cellulose is present on the s	surface of this sample.			
0019B Drywall Joint Compound - Bulkhead in Vestibule 100V				Not Analyzed	
Comments:	Analysis was stopped due to	a previous positive resul	t.		
0019C Drywall Joint Compound - Bulkhead in Vestibule 100V				Not Analyzed	
Comments:	Analysis was stopped due to	o a previous positive resul	t.		

ANALYST

BHicks





Project Name:	Kawartha Pine Ridge District School Board, Chemong Public School, 1029 Gore Street, Bridgenorth			
Project No.:	112807	-		
Prepared For:	Mike Wilson	Date Received:	February 16, 2016	
Lab Reference No.:	b127212	Date Analyzed:	February 23, 2016	
Analyst(s):	K. Cockburn	# Samples submitted:	4	
•		# Phases analyzed:	5	

### Method of Analysis:

### EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold (see chart below) indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia, Nova Scotia	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
Alberta, NWT, Yukon, Nunavut	1%	Newfoundland and Labrador, PEI and New Brunswick	1%

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

Pinchin Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples' and meets all requirements of ISO/IEC 17025:2005.

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Project Name:Kawartha Pine Ridge District School Board, Chemong Public School,<br/>1029 Gore Street, BridgenorthProject No.:112807Prepared For:Mike Wilson

Lab Reference No.:b127212Date Analyzed:February 23, 2016

### **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)			
IDENTIFICATION	DESCRIPTION	ASBESTOS		OTHER	
0020A Cement Board Behind Radiator - Room 101	Homogeneous, layered, compressed material with fibres.	Chrysotile Amosite Crocidolite	10-25% 0.5-5% 5-10%	Non-Fibrous Material	> 75%
0021A Baseboard Adhesive - Room 103	Homogeneous, yellow, rubbery, adhesive material.	Chrysotile	< 0.5%	Non-Fibrous Material	> 75%
Comments:	The asbestos present in this surface of this sample.	s sample may be due to co	ntaminati	on. Cellulose is present or	n the
0021B Baseboard Adhesive - Room 103	2 Phases: a) Homogeneous, yellow, rubbery, adhesive material.	None Detected		Non-Fibrous Material	> 75%
	b) Homogeneous, beige, soft, cementitious material.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
Comments:	Cellulose is present on the	surface of this sample.		I	
0021C Baseboard Adhesive - Room 103	2 Phases: a) Homogeneous, yellow, rubbery, adhesive material.	None Detected		Non-Fibrous Material	> 75%
	b) Homogeneous, beige, soft, cementitious material.			Not Analyzed	
Comments:	Analysis of phase b) was stopped due to a previous positive result. Cellulose is present on the surface of this sample.				

**REVIEWED BY** 

Digitally signed by K. Bertuzzi kbertuzzi@pinchin.com Laboratory Manager Pinchin Ltd.

ANALYST Digitally signed by K. Bertuzzi kbertuzzi@pinchin.com Laboratory Manager Pinchin Ltd.

Page 2 of 2





Project Name:	Kawartha Pine Ridge District School Board, Chemong Public School, 1029 Gore Street, Bridgenorth			
Project No.:	112807	-		
Prepared For:	C. Moose	Date Received:	July 11, 2016	
Lab Reference No.:	b131529	Date Analyzed:	July 11, 2016	
Analyst(s):	S. Capsuyen	# Samples submitted:	6	
		# Phases analyzed:	10	

### Method of Analysis:

### EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold (see chart below) indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia, Nova Scotia	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
Alberta, NWT, Yukon, Nunavut	1%	Newfoundland and Labrador, PEI and New Brunswick	1%

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

Pinchin Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples' and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested.

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Project Name:Kawartha Pine Ridge District School Board, Chemong Public School,<br/>1029 Gore Street, BridgenorthProject No.:112807Prepared For:C. Moose

Lab Reference No.:b131529Date Analyzed:July 11, 2016

SAMPLE	SAMPLE	% COMPOSITION (	VISUAL ESTIMATE)
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER
0022A Brown Adhesive - Classroom 204	2 Phases: a) Homogeneous, brown, hard, glue material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, soft, cementitious material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
0022B Brown Adhesive - Classroom 204	2 Phases: a) Homogeneous, brown, hard, glue material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, soft, cementitious material.		Not Analyzed
Comments:	Analysis of phase b) was st	opped due to a previous positive res	sult.
0022C Brown Adhesive - Classroom 204	2 Phases: a) Homogeneous, brown, hard, glue material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, soft, cementitious material.		Not Analyzed
Comments:	Analysis of phase b) was st	opped due to a previous positive res	sult.
0023A Yellow Adhesive - Classroom 204	2 Phases: a) Homogeneous, yellow, hard, glue material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
Comments:	Man-made vitreous fibres a	re present on the surface of this san	nple.





Project Name:Kawartha Pine Ridge District School Board, Chemong Public School,<br/>1029 Gore Street, BridgenorthProject No.:112807Prepared For:C. Moose

Lab Reference No.:b131529Date Analyzed:July 11, 2016

### **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
0023B Yellow Adhesive - Classroom 204	2 Phases: a) Homogeneous, yellow, hard, glue material.	None Detected	Non-Fibrous Material > 75%	
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%	
Comments:	Phase b) is small in size. Man-made vitreous fibres are present on the surface of this sample.			
0023C Yellow Adhesive - Classroom 204	2 Phases: a) Homogeneous, yellow, hard, glue material.	None Detected	Non-Fibrous Material > 75%	
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%	
Comments:	Man-made vitreous fibres a	re present on the surface of this san	nple.	

Reviewed by:

Digitally signed by Kendra Bertuzzi Date: 2016.07.11 15:23:43 -04'00'

Scaper

**Reporting Analyst:** 

Digitally signed by Kendra Bertuzzi Date: 2016.07.11 15:23:30 -04'00'

Page 3 of 3





Project Name:	KPRDSB Chemon	g PS, 115, 1029 Gore Street, I	Bridgenorth		
Project No.:	0215870.000				
Prepared For:	B. Guindon / C. Fe	nnell			
Lab Reference No.:	b185494				
Analyst(s):	N. Barinque				
Date Received:	March 5, 2018	# Samples submitted:	15		
Date Analyzed:	March 8, 2018	# Phases analyzed:	15		

### Method of Analysis:

### EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold (see chart below) indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia, Nova Scotia	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
Alberta, NWT, Yukon, Nunavut	1%	Newfoundland and Labrador, PEI and New Brunswick	1%

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

Pinchin Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested.

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Project Name:	KPRDSB Chemong PS, 115, 1029 Gore Street, Bridgenorth
Project No.:	0215870.000
Prepared For:	B. Guindon / C. Fennell

Lab Reference No.:b185494Date Analyzed:March 8, 2018

SAMPLE	SAMPLE	VISUAL ESTIMATE)	
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER
0024A Vinyl trim adhesive on block walls, Computer	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
0024B Vinyl trim adhesive on block walls, Computer	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
0024C Vinyl trim adhesive on block walls, Computer	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
0025A Wall and door frame caulking, Computer Room 104	2 Phases: a) Homogeneous, beige, caulking material.	Chrysotile 0.5-5%	Talc 0.5-5% Non-Fibrous Material > 75%
	b) Homogeneous, off- white, soft, cementitious	None Detected	Non-Fibrous Material > 75%
0025B Wall and door frame caulking, Computer Room	2 Phases: a) Homogeneous, beige, caulking material.		Not Analyzed
104	b) Homogeneous, off- white, soft, cementitious	None Detected	Non-Fibrous Material > 75%
Comments:	Analysis of phase a) was sto	opped due to a previous positive res	ult.
0025C Wall and door frame caulking, Computer Room 104	2 Phases: a) Homogeneous, beige, caulking material.		Not Analyzed
	b) Homogeneous, off- white, soft, cementitious	None Detected	Non-Fibrous Material > 75%
Comments:	Analysis of phase a) was sto	opped due to a previous positive res	ult.
0026A Double sink, beige under sink mastic, Room 104	Homogeneous, light beige, soft, cementitious material.	None Detected	Cellulose 25-50% Non-Fibrous Material 50-75%





Project Name:	KPRDSB Chemong PS, 115, 1029 Gore Street, Bridgenorth
Project No.:	0215870.000
Prepared For:	B. Guindon / C. Fennell

b185494 Lab Reference No.: March 8, 2018 **Date Analyzed:** 

**BULK SAMPLE ANALYSIS** 

SAMPLE	SAMPLE	% COMPOSITIO	N (VISUAL ESTIMATE)
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER
0026B Double sink, beige under sink mastic, Room 104	Homogeneous, light beige, soft, cementitious material.	None Detected	Cellulose 25-50% Non-Fibrous Material 50-75%
0026C Double sink, beige under sink mastic, Room 104	Homogeneous, light beige, soft, cementitious material.	None Detected	Cellulose 25-50% Non-Fibrous Material 50-75%
0027A Gray door frame caulking, Library 308	Homogeneous, grey, caulking material.	Chrysotile < 0.4	5% Man-made Vitreous 0.5-5% Fibres Non-Fibrous Material > 75%
0027B Gray door frame caulking, Library 308	Homogeneous, grey, caulking material.	Chrysotile 0.5-	5% Man-made Vitreous 0.5-5% Fibres Non-Fibrous Material > 75%
0027C Gray door frame caulking, Library 308			Not Analyzed
Comments:	Analysis was stopped due to	o a previous positive result.	÷
0028A Brown vinyl trim adhesive block walls, Library 308	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
0028B Brown vinyl trim adhesive block walls, Library 308	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
0028C Brown vinyl trim adhesive block walls, Library 308	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
Reviewed by:			Reporting Analyst:

Digitally signed by Julieth Oran Date: 2018.03.08 14:21:11 -05'00'

Digitally signed by Julieth Oran Date: 2018.03.08 14:21:00 -05'00'





Roudensen . J.

Anitentity

Report Sent by:

## **Special Instructions:**



## Pinchin Ltd. - Asbestos Laboratory Internal Asbestos Bulk Sample Chain of Custody

Client Name:	KPRDSB Chemong PS			Project Address:	1029 Gore St	reet, Bridg	enorth
Portfolio/Building No:	115		Pinchin File:	215870			
Submitted by:	BG			Email:	bguindon@pinchin.com		<u>l</u>
CC Results to:	Chris Fennell			CC Email:	cfennell@pinchin.com		
Invoice to:	CF			Invoice Email:	cfennell@pinchin.com		
Date Submitted:	March	5	2018	Required by:	March	8	2018
# of Samples:	15			Priority:	3 Da	y Turnarou	ind
Year of Building Construction (Mandatory Field):			1975				
Do NOT Stop on Positive (Sample Numbers):							
Pinchin Group Company (Mandatory Field):				Pinchin			

To be Comp	leted by Lab	Personnel O	nly:				
Lab Referen	ce #:	Ь	785494 Time:		24 hour clock		
Received by	:	24	AD 0 5 2019 JP	Date:	Month	Day	Year
Name(s) of A	Analyst(s):	M		JB 18.0	50,50		
Sample Prefix	Sample No.	Sample Suffix	Sample	Description/Loc	ation (Manc	latory)	
	0024	А	Vinyl trim adhesive on	block walls, Compu	ter Room 104	M	$\mathbf{b}$
	0024	В	Vinyl trim adhesive on	block walls, Compu	ter Room 104	NI	)
	0024	æO	Vinyl trim adhesive on	block walls, Compu	ter Room 104	K	$\mathcal{D}$
	0025	А	Wall and door frame c	aulking, Computer F	Room 104 $\beta$	CHO.S	s-s 7.
	0025	В	Wall and door frame c	aulking, Computer I	Room 104 <i>G</i>	) - nc	i )
	0025	С	Wall and door frame c	aulking, Computer I	Room 104	)—na D //I	)





b 185494

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	0026	А	Double sink, beige under sink mastic, Room 104
	0026	В	Double sink, beige under sink mastic, Room 104
	0026	С	Double sink, beige under sink mastic, Room 104
	0027	А	Gray door frame caulking, Library 308 WB ALD CH LO. 5
	0027	В	Gray door frame caulking, Library 308 CHO, S-5.
	0027	С	Gray door frame caulking, Library 308
	0028	А	Brown vinyl tim adhesive block walls, Library 308
	0028	В	Brown vinyl tim adhesive block walls, Library 308
	0028	С	Brown vinyl tim adhesive block walls, Library 308





Project Name:	KPRDSB Chemong PS	, 115, 1029 Gore Street,	Bridgenorth
Project No.:	0215870.000		-
Prepared For:	B. Guindon / C. Fennell	Date Received:	April 5, 2018
Lab Reference No.:	b187158	Date Analyzed:	April 9, 2018
Analyst(s):	T. Ly	# Samples submitted:	3
	-	# Phases analyzed:	1

### Method of Analysis:

### EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold (see chart below) indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
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Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
Alberta, NWT, Yukon, Nunavut	1%	Newfoundland and Labrador, PEI and New Brunswick	1%

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

Pinchin Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested.

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Project Name:	KPRDSB Chemong PS, 115, 1029 Gore Street, Bridgenorth
Project No.:	0215870.000
Prepared For:	B. Guindon / C. Fennell

Lab Reference No.: Date Analyzed: b187158 April 9, 2018

### **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)			
IDENTIFICATION	DESCRIPTION	ASBESTOS		OTHER	
0029A	Homogeneous, light beige,	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
Bulkhead DJC, Library, by	drywall joint compound.				
Main entrance above West					
door					
0029B				Not Analyzed	
Bulkhead DJC, Library, by					
Main entrance East door					
Comments:	Analysis was stopped due to	a previous positive result.			
0029C				Not Analyzed	
Bulkhead DJC, Library, by					
Main entrance above N/E					
corner					
Comments:	Analysis was stopped due to	o a previous positive result.			

Reviewed by:

Digitally signed by Eileen Luong Date: 2018.04.10 09:47:52 -04'00'

Reporting Analyst:



Digitally signed by Eileen Luong Date: 2018.04.10 09:48:08 -04'00'



Analyzod by Reviewed by: Report Sont by:

## **Special Instructions:**

# Pinchin Ltd. - Asbestos Laboratory Internal Asbestos Bulk Sample Chain of Custody

Client Name:	KPRDSB Chemong PS			Project Address:	1029 Gore S	treet, Brid	genorth
Portfolio/Building No:	115			Pinchin File:	215870		
Submitted by:	BG			Email:	bguindon@pinchin.com		n
CC Results to:	Chris Fennell			CC Email:	cfennell@pinchin.com		
Invoice to:	CF			Invoice Email:	cfennell@pinchin.com		
Date Submitted:	April	4	2018	Required by:	April	7	2018
# of Samples:	3			Priority:	3 Da	v Turnaro	und
Year of Building Construction (Mandatory Field):			1975		<u>y . a. nei 0</u>		
Do NOT Stop on Positive (Sample Numbers):							
Pinchin Group Compan	y (Mandatory F	ield):			Pinchin		

To be Comp	leted by Lab	Personnel O	nly:				
Lab Referen	ce #:		D1871.58 Time: 24 hour clock				
Received by	/:	APR 0	Date: Month Day			Year	
Name(s) of A	Analyst(s):	Anto	TZ 04 09			18	
Sample Prefix	Sample No.	Sample Suffix	Sam	ple Description/Lo	ocation (Man	datory)	
	0029	А	Bulkhead DJC, Lib	rary, by Main entrance	e above West d	loor CAto	.s - <u>s '</u> /.
	0029	В	Bulkhead DJC, Libr	rary, by Main entrance	e East door	A-V	
•	0029	с	Bulkhead DJC, Libr	ary, by Main entrance	e above N/E co	rner NA	





Project Name:	Kprdsb, Chemong Pu	blic School, 1029 Gore St	reet, Bridgenorth , ON
Project No.:	0291421.000	·	
Prepared For:	A. Heizer / C. Fennell		
Lab Reference No.:	b248741		
Analyst(s):	R. Dacey		
Date Received:	April 14, 2021	# Samples submitted:	18
Date Analyzed:	April 21, 2021	# Phases analyzed:	15

### Method of Analysis:

### EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

The Pinchin Ltd. Mississauga asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2017.

This report relates only to the items tested.

NOTE: This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.



Project Name:	Kprdsb, Chemong Public School, 1029 Gore Street, Bridgenorth , ON
Project No.:	0291421.000
Prepared For:	A. Heizer / C. Fennell

Lab Reference No.: b2 Date Analyzed: Ap

b248741 April 21, 2021

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
0034A	2 Phases:			
Floor, Vinyl Floor Tile And	a) Homogeneous, beige,	Chrysotile 0.5-5%	Non-Fibrous Material > 75%	
Mastic, 12" X 12" Light	consolidated, vinyl floor tile.			
Brown With Dark Brown				
And White Streak, Loc:64,	b) Homogeneous, clear,	None Detected	Non-Fibrous Material > 75%	
Science Lab	soft, sticky material on the			
	back of vinyl floor tile.			
0034B	2 Phases:			
Floor, Vinyl Floor Tile And	a) Homogeneous, beige,		Not Analyzed	
Mastic, 12" X 12" Light	consolidated, vinyl floor tile.			
Brown With Dark Brown				
And White Streak, Loc:64,	b) Homogeneous, clear,	None Detected	Non-Fibrous Material > 75%	
Science Lab	soft, sticky material on the			
	back of vinyl floor tile.			
Comments:	Analysis of phase a) was sto	opped due to a previous positive res	sult.	
0034C	2 Phases:			
Floor, Vinyl Floor Tile And	a) Homogeneous, beige,		Not Analyzed	
Mastic, 12" X 12" Light	consolidated, vinyl floor tile.			
Brown With Dark Brown				
And White Streak, Loc:64,	b) Homogeneous, clear,	None Detected	Non-Fibrous Material > 75%	
Science Lab	soft, sticky material on the			
	back of vinyl floor tile.			
Comments:	Analysis of phase a) was sto	opped due to a previous positive res	sult.	
0035A	Homogeneous, beige,	None Detected	Cellulose 25-50%	
Ceiling, Ceiling Tiles (lay-	layered, compressed,		Man-made Vitreous 10-25%	
in), 24" X 48" Lay-in, Beige,	acoustic ceiling tile.		Fibres	
Fissure And Pinhole,			Perlite 25-50%	
Loc:64, Science Lab			Other Non-Fibrous 0.5-5%	



Project Name:	Kprdsb, Chemong Public School, 1029 Gore Street, Bridgenorth , ON
Project No.:	0291421.000
Prepared For:	A. Heizer / C. Fennell

Lab Reference No.: Date Analyzed:

b248741 April 21, 2021

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
0035B Ceiling, Ceiling Tiles (lay- in), 24" X 48" Lay-in, Beige, Fissure And Pinhole, Loc:64, Science Lab	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose25Man-made Vitreous10Fibres25Perlite25Other Non-Fibrous0.	i-50% i-25% i-50% .5-5%
0035C Ceiling, Ceiling Tiles (lay- in), 24" X 48" Lay-in, Beige, Fissure And Pinhole, Loc:64, Science Lab	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25 Man-made Vitreous 10 Fibres Perlite 25 Other Non-Fibrous 0.	i-50% )-25% i-50% .5-5%
0036A Wall, Paint, White Paint On Block Wall, Loc:64, Science Lab	Non-homogeneous, off- white, soft, cementitious and coating material.	None Detected	Non-Fibrous Material >	· 75%
0036B Wall, Paint, White Paint On Block Wall, Loc:64, Science Lab	Non-homogeneous, off- white, soft, cementitious and coating material.	None Detected	Non-Fibrous Material >	· 75%
0036C Wall, Paint, White Paint On Block Wall, Loc:64, Science Lab	Non-homogeneous, off- white, soft, cementitious and coating material.	None Detected	Non-Fibrous Material >	• 75%
0037A Gold anti-sweat sink mastic , Loc:64, Science Lab	Homogeneous, gold, mastic material.	Chrysotile 0.5-5%	Tar and other non- > fibrous material	• 75%



Project Name:	Kprdsb, Chemong Public School, 1029 Gore Street, Bridgenorth , ON
Project No.:	0291421.000
Prepared For:	A. Heizer / C. Fennell

Lab Reference No.: Date Analyzed:

b248741 April 21, 2021

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
0037B Gold anti-sweat sink mastic , Loc:64, Science Lab			Not Analyzed	
Comments:	Analysis was stopped due	to a previous positive result	· · ·	
0037C Gold anti-sweat sink mastic , Loc:64, Science Lab			Not Analyzed	
Comments:	Analysis was stopped due	to a previous positive result	L	
0038A Wall, Drywall And Joint Compound, Loc:64, Science Lab	Homogeneous, beige, drywall joint compound.	Chrysotile	0.5-5% Non-Fibrous Material	> 75%
0038B Wall, Drywall And Joint Compound, Loc:64, Science Lab			Not Analyzed	
Comments:	Analysis was stopped due	to a previous positive result		
0038C Wall, Drywall And Joint Compound, Loc:64, Science Lab			Not Analyzed	
Comments:	Analysis was stopped due	to a previous positive result		
0039A Duct, Mastic, Black, Black Mastic Around Exhaust To Roof, Loc:41, Corridor	Homogeneous, black, tar material.	None Detected	Tar and other non- fibrous material	> 75%



Project Name:	Kprdsb, Chemong Public School, 1029 Gore Street, Bridgenorth , ON
Project No.:	0291421.000
Prepared For:	A. Heizer / C. Fennell
-	

Lab Reference No.: b2 Date Analyzed: Ap

b248741 April 21, 2021

### **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
0039B Duct, Mastic, Black, Black Mastic Around Exhaust To Roof, Loc:41, Corridor	Homogeneous, black, tar material.	None Detected	Tar and other non- > 75% fibrous material	
0039C Duct, Mastic, Black, Black Mastic Around Exhaust To Roof, Loc:41, Corridor	Homogeneous, black, tar material.	None Detected	Tar and other non- > 75% fibrous material	

**Reviewed by:** 

 Digitally signed by Karina Cockburn
 Date: 2021.04.21
 17:38:45 -04'00'

R. Darcey

**Reporting Analyst:** 

Digitally signed by Karina Cockburn Date: 2021.04.21 17:39:09 -04'00'

Page 5 of 5





## Pinchin Ltd. - Asbestos Laboratory Internal Asbestos Bulk Sample Chain of Custody

Client Name:		Kprdsb		Project Address: 1029 Gore Street, Brid					
Portfolio/Buil	ding No:	Chemong Pu	blic School	Pinchin File:	291421				
Submitted by	/:	Adam Heizer		Email:	aheizer@Pinchin.com				
CC Results to	0:	Chris Fennell		CC Email:	cfennell@pinchin.com				
Date Submitt	ed:	April	13 2021	Required by:	April 20 2021				
# of Samples	:	18		Priority:	5 Day Turnaround				
Year of Build	ina Constru	ction (Manda	tory, Years ONLY):	1972					
Do NOT Stor	on Positive	(Sample Nur	nbers):						
Pinchin Grou	p Company	(Mandatory	Field ):		Pinchin				
HMIS2 Buildi	ing Referenc	e #:		90965/202131261	459540				
To be Compl	eted by Lab	Personnel O	nly:	1. 10 10 1 1 1 1 1					
Lab Reference	ce #:	624	16741	Time:	24 hour clock				
Received by:		APR 1	4 2021	Date:	Month Day Year				
Name(s) of A	nalyst(s):	RI	24.	21,21	(15)				
Sample Sample Sample Sample Sample Mandatory)					ocation (Mandatory)				
	0034	A	Floor,Vinyl Floor Til White Streak,Loc:6	le And Mastic,12" X 1 4,Science Lab	2" Light Brown With Dark Brown An				
	0034	В	Floor,Vinyl Floor Til White Streak,Loc:6	le And Mastic,12" X 1 34,Science Lab	2" Light Brown With Dark Brown An ハル (の)かつ				
	0034	с	Floor, Vinyl Floor Tile And Mastic, 12" X 12" Light Brown With Dark Brown And White Streak, Loc:64, Science Lab						
	0035	A	Ceiling,Ceiling Tile Pinhole,Loc:64,Sci	s (lay-in),24" X 48" La ence Lab	ay-in, Beige, Fissure And				
0035 B			Ceiling,Ceiling Tiles (lay-in),24" X 48" Lay-in, Beige, Fissure And Pinhole,Loc:64,Science Lab						
	0035	С	Ceiling,Ceiling Tile Pinhole,Loc:64,Sci	s (lay-in),24" X 48" La ience Lab	ay-in, Beige, Fissure And				
	0036	A	Wall,Paint,White F	Paint On Block Wall,L	oc:64,Science Lab				
	0036	В	Wall,Paint,White F	Paint On Block Wall,L	oc:64,Science Lab				

Requested to steel in these.

 0036	с	Wall,Paint,White Paint On Block Wall,Loc:64,Science Lab
 0037	A	Gold anti-sweat sink mastic ,Loc:64,Science Lab
0037	В	Gold anti-sweat sink mastic ,Loc:64,Science Lab
0037	с	Gold anti-sweat sink mastic ,Loc:64,Science Lab
0038	A	Wall,Drywall And Joint Compound,Loc:64,Science Lab
0038	В	Wall,Drywall And Joint Compound,Loc:64,Science Lab
0038	с	Wall,Drywall And Joint Compound,Loc:64,Science Lab
0039	A	Duct,Mastic, Black,Black Mastic Around Exhaust To Roof,Loc:41,Corridor
0039	В	Duct,Mastic, Black,Black Mastic Around Exhaust To Roof,Loc:41,Corridor
0039	С	Duct,Mastic, Black,Black Mastic Around Exhaust To Roof,Loc:41,Corridor

I

6

APPENDIX II-B Lead Analytical Certificates



Analysis for Lead Concentration in Paint Chips

> by Flame Atomic Absorption Spectroscopy EPA SW-846 3050B/6010C/7000B



Customer: Pinchin Ltd. 204-160 Charlotte Street Peterborough, ON K9J 2T8

Attn: Adam Heizer Chris Fennell Lab Order ID: 71963678 Analysis ID: 71963678\_PBP Date Received: 4/14/2021 Date Reported: 4/20/2021

Project: Chemong PS, 1029 Gore St Bridgenorth, ON

Sample ID	Description	Mass	Concentration	Concentration
Lab Sample ID	Lab Notes	(g)	(ppm)	(% by weight)
L01 71963678PBP_1	blue paint on metal doorframes, Science Lab 307, (Loc 64)	0.0828	560	0.056%
L02 71963678PBP_2	white paint on block wall, Science Lab 307, (loc 64)	0.0661	73	0.0073%
L03 71963678PBP_3	Green paint on mechanical equipment, Storage S4 (Loc 44)	0.0464	950	0.095%
L04 71963678PBP_4	green paint on mechanical equipment, Upper mechanical room #1 (Loc 6)	0.0695	200	0.020%

Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA ELPAT program. ELPAT Laboratory ID: 173190. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAL Analytical uncertainty available upon request. The quality control samples run with the samples in this report have passed all EPA required specifications unless otherwise noted. RL: (Report Limit for an undiluted 50ml sample is 4µg Total Pb). Unless indicated, areas and volumes were provided by the customer.

Athena Summa (4)

Analyst

Laboratory Director

L-F-021 r17 2/14/2020

pbRpt\_4.0.01\_pbp001

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Client:	Pinchin Ltd.	*Instructions:	
Contact:	Adam Heizer	Use Column "B" for your contact info	
Address:	160 Charlotte St. Peterborough, ON	Note: Using Alt+Enter will "return" the line without skiping to the next cell, allowing more than one line in a single cell.	Scientific Analytical
Phone:	28996717921		Institute
Fax:		To See an Example Click the bottom "Example" tab	
Email:	aheizer@pinchin.com		302-L Pomona Dr.
	cfennell@pinchin.com	Enter samples between "<<" and ">>"	Greensboro, NC 27407
	Chemong PS, 1029 Gore St		
Project:	Bridgenorth, ON	Begin Samples with a "<< "above the first sample and end with a ">>" below the last sample.	Phone: 336.292.3888 Fax: 336.292.3313
Client Notes:		Only Enter your data on the first sheet "Sheet1"	Email: lab@sailab.com
P.O. #.	291421	Note: Data 1 and Data 2 are optional	
Date Submitted:	4/13/2021 0:00	fields that do not show up on the official report, however they will be included	
Analysis:	FAA, Lead analysis	in the electronic data returned to you	
TurnAroundTime:	120 hr	to facilitate your reintegration of the report data.	
Sample Number <<	Data 1	Material Description	Data 2

<< L01 L02 L03

L04

blue paint on metal doorframes, Science Lab 307, (Loc 64) white paint on block wall, Science Lab 307, (loc 64) Green paint on mechanical equipment, Storage S4 (Loc 44) green paint on mechanical equipment, Upper mechanical room #1 (Loc 6)

Acce	pted [	
Rejec	ted	
len	4/14	(0)30HM

APPENDIX III Methodology



### 1.0 GENERAL

An inspection was conducted to identify the type of Hazardous Building Materials incorporated in the structure and its finishes.

Information regarding the location and condition of hazardous building materials encountered and visually estimated quantities were recorded. The locations of any samples collected were recorded on small-scale plans. As-built drawings and previous reports were referenced where provided.

Sample collection was conducted in accordance with our Standard Operating Procedures.

### 1.1 Asbestos

The inspection for asbestos included friable and non-friable asbestos-containing materials (ACM). A friable material is a material that when dry can be crumbled, pulverized or powdered by hand pressure.

A separate set of samples was collected of each type of homogenous material suspected to contain asbestos. A homogenous material is defined by the US EPA as material that is uniform in texture and appearance, was installed at one time, and is unlikely to consist of more than one type or formulation of material. The homogeneous materials were determined by visual examination and available information on the phases of construction and prior renovations.

Samples were collected at a rate that is in compliance with the requirements of local regulations and guidelines. The sampling strategy was also based on known ban dates and phase out dates of the use of asbestos; sampling of certain building materials is not conducted after specific construction dates. In addition, to be conservative, several years past these dates are added to account for some uncertainty in the exact start / finish date of construction and associated usage of ACM. In some cases, manufactured products such as asbestos cement pipe were visually identified without sample confirmation.

The analysis was performed in accordance with Test Method EPA/600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, July 1993.

Analytical results were compared to the following criteria.

Jurisdiction	Friable	Non-Friable		
Ontario	0.5%	0.5%		

Where building materials are described in the report as "non-asbestos" or "does not contain asbestos", this means that either no asbestos was detected by the analytical method utilized in any of the multiple samples or, if detected, it is below the lower limit of an asbestos-containing material in the applicable regulation. Additionally, these terms are used for materials which historically are known to not include asbestos in their manufacturing.



### 1.2 Lead

Samples of distinctive paint finishes, and surface coatings present in more than a limited application, where removal of the paint is possible was collected. The samples were collected by scraping the painted finish to include base and covering applications.

Analysis for lead in paints or surface coatings was performed in accordance with EPA Method No. 3050B/Method No. 7420; flame atomic absorption.

Analytical results were compared to the following criteria.

Jurisdiction	Units (%)	Units (ppm) / (mg/kg)	
Ontario	0.1	1000	

Other lead building products (e.g. batteries, lead sheeting, flashing) were identified by visual observation only.

### 1.3 Silica

Building materials known to contain crystalline silica (e.g. concrete, cement, tile, brick, masonry, mortar) were identified by visual inspection only. Pinchin did not perform sampling of these materials for laboratory analysis of crystalline silica content.

### 1.4 Mercury

Building materials, products or equipment (e.g. thermostats, barometers, pressure gauges, lamp tubes), suspected to contain mercury was identified by visually inspection only. Dismantling of equipment suspected of containing mercury was not performed. Sampling of these materials for laboratory analysis of mercury content was not performed.

### 1.5 Polychlorinated Biphenyls

The potential for light ballast and oil filled transformers to contain PCBs was based on the age of the building, a review of maintenance records and examination of labels or nameplates on equipment, where present and accessible. The information was compared to known ban dates of PCBs and Environment Canada publications.

Fluids (mineral oil, hydraulic, Aroclor or Askarel) in transformers or other equipment were not sampled for PCB content.



### 1.6 Visible Mould

The presence of mould or water damage was determined by visual inspection of exposed building surfaces. If any mould growth or water damage was concealed within building cavities it was not addressed in this assessment.

Template: Methodology for Hazardous Building Materials Assessment, HAZ, February 25, 2021

APPENDIX IV Location Summary Report



### LOCATIONS LIST



Client:Kprdsb Building Name: Chemong Public School Surveyor: Reassessment Surveyor:

### Site: 1029 Gore Street, Bridgenorth, ON

Survey Date: Last Re-Assessment:

Location No.	Name or Description	ft <sup>2</sup>	Floor No.	Notes
4	Storage Room, room no. S2	400	1	NO ACCESS
5	Upper Mechanical Room 2	600	2	Access Upper Mechanical Room from Janitor Room 8 Steel Ladder.
6	Upper Mechanical Room 1, room no. M1	100	2	Access Room from Steel Ladder in Janitor Room Location 8 Roof Top Mechanical Room.
41	Corridor, room no. 500H	1500	1	O - Radiator
44	Storage, room no. S4	250	1	
63	Prep Room, room no. 307A	250	1	
64	Science Lab, room no. 307	780	1	

APPENDIX V Hazardous Materials Summary Report / Sample Log



### HAZARDOUS MATERIALS SUMMARY / SAMPLE LOG



Client:Kprds	sb Site:	1029 Gore Street, Bridgenorth, ON Building	Name: Chemong Public School	Surveyo	r:		Sur	vey Date:	
HAZMAT	Sample No	System/Material/Sample Description	Locations	LF	SF	EA	%	Туре	Positive
Asbestos	V0001	CEILING   DRYWALL AND JOINT COMPOUND   DRYWALL JOINT COMPOUND, CEILING, LOC. 3	4	0	400	0	0	Chrysotile	Yes
Asbestos	S0002	MECHANICAL EQUIPMENT   TEXTILE   TEXTILE DAMPER, LOC. 6	5,6	0	0	8	0	Chrysotile	Yes
Asbestos	S0003	FLOOR   VINYL FLOOR TILE AND MASTIC   VFT 9X9 BROWN WITH BLACK AND WHITE STREAKS, LOC. 4	4	0	400	0	0	Chrysotile	Yes
Asbestos	V0006	PIPING   PARGING CEMENT   PARGING CEMENT, LOC. 7	44	0	0	12	0	Chrysotile	Yes
Asbestos	V0008	CEILING   CEILING TILES (LAY-IN)   AT-05 2X4 LARGE FISSURE WITH LARGE PINHOLE, LOC. 7	41	0	500	0	0	None Detected	No
Asbestos	S0016	WALL   DRYWALL AND JOINT COMPOUND   DRYWAL JOINT COMPOUND - LOCATED IN THE CORRIDOR, LOC. 41	41	0	1000	0	0	None Detected	No
Asbestos	V0020	OTHER   CEMENT PRODUCT   FEB 23 2016 CEMENT BOARD BEHIND RAD ROOM 101	41	0	100	0	0	Chrysotile	Yes
Asbestos	S0034 ABC	FLOOR   VINYL FLOOR TILE AND MASTIC   12" X 12" LIGHT BROWN VFT WITH DARK BROWN AND WHITE STREAK	63,64	0	1030	0	0	Asbestos Containing	Yes
Asbestos	S0035 A	CEILING   CEILING TILES (LAY-IN)   24" X 48" LAY-IN, BEIGE, FISSURE AND PINHOLE	63,64	0	430	0	0	None Detected	No
Asbestos	S0036 ABC	WALL   PAINT   WHITE PAINT ON BLOCK WALL	63,64	0	2780	0	0	None Detected	No
Asbestos	S0037 ABC	OTHER   MASTIC	64	0	6	0	0	Chrysotile	Yes
Asbestos	S0038 ABC	WALL   DRYWALL AND JOINT COMPOUND	64	0	15	0	0	Chrysotile	Yes
Asbestos	S0039 ABC	DUCT   MASTIC, BLACK   BLACK MASTIC AROUND EXHAUST TO ROOF	41	6	0	0	0	None Detected	No
Asbestos	V9500	FLOOR   FLOOR LEVELLING COMPOUND	63,64	0	1030	0	0	Presumed Asbestos	Yes
Asbestos	V9500	FLOOR   TERRAZZO	41	0	1500	0	0	Presumed Asbestos	Yes
Asbestos	V9500	OTHER   CAULKING	64	50	0	0	0	Presumed Asbestos	Yes
Asbestos	V9500	OTHER   CEMENT PRODUCT	64	0	100	0	0	Presumed Asbestos	Yes
Asbestos	V9500	OTHER   MASTIC	64	0	0	0	100	Presumed Asbestos	Yes
Asbestos	V9500	PIPING   CEMENT PRODUCT	41,44	110	0	0	0	Presumed Asbestos	Yes
Asbestos	V9500	PIPING   MASTIC	5,6,41,44,63,64	0	0	0	86	Presumed Asbestos	Yes
Asbestos	V0000	CEILING   CEILING TILES (LAY-IN)	41,63,64	0	1600	0	0	Non Asbestos	No
Asbestos	V0000	PIPING   FIBREGLASS	6	0	0	0	0	Non	No

Quantities shown above are based on visual approximations only and may be subject to variation. Copyright Pinchin Ltd. 2021



### HAZARDOUS MATERIALS SUMMARY / SAMPLE LOG



HAZMAT	Sample No	System/Material/Sample Description	Locations	LF	SF	EA	%	Туре	Positive
								Asbestos	
Paint	L0001	OTHER   PAINT   BLUE PAINT ON METAL DOORFRAMES	63,64	0	0	0	100	Lead (Low)	Yes
Paint	L0002	WALL   PAINT   WHITE PAINT ON BLOCK WALL	41,63,64	0	0	0	100		No
Paint	L0003	MECHANICAL EQUIPMENT   PAINT   GREEN PAINT ON MECHANICAL EQUIPMENT	44	0	0	0	100	Lead (Low)	Yes
Paint	L0004	MECHANICAL EQUIPMENT   PAINT   GREEN PAINT ON MECHANICAL EQUIPMENT	6	0	0	0	100	Lead (Low)	Yes



### HAZARDOUS MATERIALS SUMMARY / SAMPLE LOG



## Legend:

- Sample number S#### Asbestos sample collected L#### Paint sample collected **P**#### PCB sample collected M#### Mould sample collected Material visually similar to numbered sample V####
- LF Linear feet EA Each % Percentage

Square feet

Units SF

- collected
- V0000 Known non Hazardous Material
- V9000 Material is visually identified as Hazardous Material
- V9500 Material is presumed to be Hazardous Material
APPENDIX VI HMIS All Data Report





Client: Kprdsb Location: #4 : S Survey Date: 20	Storage Room 021-04-12	Site: 1029 Gore S Floor: 1	Street, Bridgen	orth, ON		Βι Ro La	uilding oom #: ast Re-/	Name: Cho S2 Assessmer	emong Pu nt:	blic Schoo	I	Area (s	qft): 400		
				A	SBEST	0S - N(	O ACCE	SS							
System	Component	Material	ltem	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		Drywall and joint compound	Surface	Paint	С	Y		400			SF	V0001	Chrysotile	0.5-5%	Confirmed Asbestos(NF)
Duct		None Found													
Floor		Vinyl Floor Tile and Mastic	Surface		A	Y		400			SF	S0003	Chrysotile	5-10%	Confirmed Asbestos(NF)
Mechanical Equipment		None Found													
Piping		None Found													
Structure	Not Accessible	N/A													
Wall		Wood													
Wall		Masonry													
Client: Kprdsb Location: #4 : S Survey Date: 20	Storage Room 021-04-12	Site: 1029 Gore Street, Bridgenorth, ON Building Name: Chemong Public School Floor: 1 Room #: S2 Area (sqft): 400 Last Re-Assessment: PB PRODUCTS - NO ACCESS													
		Component		FDFF		13 • 140	U ACCE.	55		Quan	titv			Unit	
Client: Kprdsb Location: #4 : S Survey Date: 20	Storage Room 021-04-12	Site: 1029 Gore S Floor: 1	Street, Bridgen	orth, ON		Bu Ro La	uilding bom #: ast Re-/	Name: Cho S2 Assessmer	emong Pu nt:	blic Schoo	I	Area (s	qft): 400		
				ME	RCURY	- NO /	ACCESS								
		Component								Quan	tity			Unit	
Client: Kprdsb Location: #4 : S Survey Date: 20	Storage Room 021-04-12	Site: 1029 Gore S Floor: 1	Street, Bridgen	orth, ON		Bu Ro La	uilding oom #: ast Re-/	Name: Cho S2 Assessmer	emong Pu	blic Schoo	I	Area (s	qft): 400		
					PCB - N	IO ACC	CESS								
	Component	Component Quantity Unit Sample Sample Description											Amount	PCB	
Client: Kprdsb Location: #4 : S Survey Date: 20	Storage Room 021-04-12	Site: 1029 Gore Street, Bridgenorth, ON Building Name: Chemong Public School Floor: 1 Room #: S2 Area (sqft): 400 Last Re-Assessment:													
		0			UDS - N	IO ACO	CESS			Turne		0		11	
		Component								туре		Qua	Intity	Unit	
2021-05	5-07	Quantities shown above	are based on vi	sual approxim	nations	only	and ma	y be subje	ct to variati	on. Copyrig	ht Pinchiı	n Ltd. 2021		Page	1 of 9.





Client: Kprdsb Location: #4 : St Survey Date: 20	torage Room 21-04-12	Site: 1029 Gore S Floor: 1	treet, Bridgeno	rth, ON		Bu Ro La	uilding oom #: 1st Re-/	Name: Che S2 Assessmer	emong Pub nt:	lic School		Area (so	qft): 400		
				M	)ULD -	NO A	CCESS								
System		Material	Visible	Quantity	Unit		Sample	Туре	Sample No			Sample I	Description		Mould
Client: Kprdsb Location: #4 : Si Survey Date: 20	torage Room 21-04-12	Site: 1029 Gore S Floor: 1	treet, Bridgeno	rth, ON		Bu Ro La	uilding oom #: 1st Re-/	Name: Che S2 Assessmer	emong Pub nt:	lic School		Area (so	qft): 400		
			TANK - NO ACCESS												
Client: Kprdsb Site: 1029 Gore Street, Bridgenorth, ON Location: #5 : Upper Mechanical Room 2 Floor: 2 Survey Date: 2021-04-12							uilding oom #: ast Re-/	Name: Che Assessmer	emong Pub	lic School		Area (so	qft): 600		
					AS	SBEST	TOS		<b>_</b> ·						
System	Component	Material	Item	Covering	A*	V*	AP*	Good	⊦aır	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		None Found													
Duct	All	Fibreglass													
Floor		Concrete (poured)													
Mechanical Equipment	Duct Connector	Textile	Surface		А	Y		6			EA	V0002	Chrysotile	>75%	Confirmed Asbestos(NF)
Mechanical Equipment	Fan Unit	Not Insulated													
Piping <sup>1</sup>		Mastic			D	Ν		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Piping	All	Fibreglass													
Structure		Not Insulated													
Wall		Masonry													

Access Upper Mechanical Room from Janitor Room 8 Steel Ladder.

1 - sealants on pipe threads





Client: Kprdsb		Site: 1029 Gore S	Street, Bridgeno	rth, ON		Βι	uilding	Name: Che	emong Pub	lic School					
Location: #6 : U	Ipper Mechanical Ro	om 1 Floor: 2				Ro	oom #:	M1				Area (so	qft): 100		
Survey Date: 20	21-04-12					La	st Re-	Assessmer	nt:						
					A	SBEST	'OS						-		
System	Component	Material	ltem	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		None Found													
Duct	All	Fibreglass		Foil Face											
Floor		Concrete (poured)													
Mechanical Equipment	Duct Connector	Textile	Surface		A	Y		2			EA	S0002	Chrysotile	>75%	Confirmed Asbestos(NF)
Piping <sup>1</sup>		Mastic			D	N		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Piping	Hot Water Heating	Fibreglass	Straight												
Piping	Hot Water Heating	Fibreglass	Fitting	Polyvinyl chloride (PVC)	D	Y					EA	V0000	Non-Asbestos		None
Structure		Not Insulated													
Wall		Masonry													
Access Room fro 1 - sealants on p	om Steel Ladder in Jar ipe threads	nitor Room Location 8 Roof Top Med	chanical Room.												

Client: Kprdsb Site: 1029 Gore Street, Bridgenorth, ON				Build	ing Name:	Chemong Public School		
Location: #6 : Upper Mechanical Ro	om 1 Floor: 2			Roon	n #: M1	Area (sqft): 100		
Survey Date: 2021-04-12				Last	Re-Assess	ment:		
				PAINT				
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Mechanical Equipment <sup>1</sup>	Paint	100		%	L0004	green paint on mechanical equipment	Pb: 0.0695 %	Lead (Low)

Access Room from Steel Ladder in Janitor Room Location 8 Roof Top Mechanical Room.

1 - green paint on mechanical equipment





Client: Kprdsb		Site: 1029 Gore S	Street, Bridgeno	rth, ON		Bu	uilding	Name: Che	emong Pub	lic School					
Location: #41 :	Corridor	Floor: 1				Ro	oom #:	500H				Area (so	(ft): 1500		
Survey Date: 20	)21-04-12					La	st Re-A	Assessmer	nt:						
					AS	SBEST	'OS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		Ceiling Tiles (lay-in)			С	Y		500			SF	V0000	Non-Asbestos		None
Ceiling		Ceiling Tiles (lay-in)			С	Y		500			SF	V0000	Non-Asbestos		None
Ceiling		Ceiling Tiles (lay-in)	Surface		С	Y		500			SF	V0008	None Detected	N.D.	None
Duct	All	Not Insulated													
Duct <sup>1</sup>	Exhaust	Mastic, Black, Black mastic around exhaust to roof			С	Ν		6			LF	S0039ABC	None Detected	N.D.	None
Floor		Terrazzo			А	Y		1500			SF	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Mechanical Equipment		None Found													
Other		Cement Product	Surface		D	Y		100			SF	V0020	Chrysotile	10-25%	Confirmed Asbestos(NF)
Piping <sup>2</sup>		Mastic			D	Ν		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Piping	Hot Water Heating	Fibreglass	Straight												
Piping	Rain Water Leader	Cement Product	Straight		с	Ν		100			LF	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Structure		Not Insulated													
Wall		Drywall and joint compound	Surface	Paint	С	Y		1000			SF	S0016	None Detected	N.D.	None
Wall		Masonry													

O - Radiator

1 - black mastic around exhaust roof penetration.

Paint

2 - sealants on pipe threads

Client: Kprdsb Location: #41 : Corridor Survey Date: 2021-04-12	Site: 1029 Gore Street, Bridger Floor: 1	orth, ON		Build Roon Last	ing Name: n #: 500H Re-Assess	Chemong Public School Area (sqft): 1500 ment:		
				PAINT				
System	Item Good Poor				Sample	Sample Description	Amount	Hazard

%

L0002

white paint on block wall

100

O - Radiator

1 - white paint on block wall

Wall<sup>1</sup>

No

Pb: 0.0073 %





Client: Kprdsb	it: Kprdsb Site: 1029 Gore Street, Bridgenor						uilding	Name: Ch	emong Pul	olic School					
Location: #44 :	Storage	Floor: 1				Ro	oom #:	S4				Area (s	qft): 250		
Survey Date: 2	021-04-12					La	st Re-/	Assessmei	nt:						
					A	SBEST	OS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		None Found													
Duct	All	Fibreglass		Canvas											
Floor		Concrete (poured)													
Mechanical Equipment	Fan Unit	Not Insulated													
Piping <sup>1</sup>		Mastic			D	Ν		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Piping	Hot Water Heating	Fibreglass	Straight												
Piping	Hot Water Heating	Parging Cement	Fitting	Canvas	A	N		12			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos(F)
Piping	Rain Water Leader	Cement Product	Surface		A	Y		10			LF	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Structure		Not Insulated													
Wall		Masonry													
1 coolonto on r	ing throads														

1 - sealants on pipe threads

Client: Kprdsb Site: 1029 Gore Street, Bridgenorth, ON				Build	ing Name:	Chemong Public School		
Location: #44 : Storage	Floor: 1			Roon	n #: S4	Area (sqft): 250		
Survey Date: 2021-04-12				Last	Re-Assess	ment:		
				PAINT				
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Mechanical Equipment <sup>1</sup>	Paint		%	L0003	green paint on mechanical equipment	Pb: 0.095 %	Lead (Low)	

1 - green paint on mechanical equipment





Client: Kprdsb		Site: 1029 Gore S	treet, Bridgeno	rth, ON		Bu	uilding I	Name: Che	emong Pub	lic School					
Location: #63 :	Prep Room	Floor: 1				Ro	oom #: 3	307A				Area (so	qft): 250		
Survey Date: 20	21-04-12					La	st Re-A	ssessmer	nt:						
					AS	SBEST	'OS								
System	Component	Material	ltem	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in)	Surface		С	Y		100			SF	V0000	Non-Asbestos		None
Ceiling <sup>2</sup>		Ceiling Tiles (lay-in), 24" x 48" lay-in, beige, fissure and pinhole	Surface		С	Y		150			SF	V0035	None Detected	N.D.	None
Duct	All	Not Insulated													
Floor		Vinyl Floor Tile and Mastic	Surface		А	Y		250			SF	V0034	Asbestos Containing	0.5-5%	Confirmed Asbestos(NF)
Floor		Floor Levelling Compound	Base	Vinyl Floor Tile	D	N		250			SF	V9500	Presumed Asbestos		Presumed Asbestos(F)
Mechanical Equipment		None Found													
Piping <sup>3</sup>		Mastic			D	Ν		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Piping	All	Fibreglass													
Structure		Not Insulated													
Wall		Masonry													
Wall		Paint, White paint on block wall	Surface		A	Y		200			SF	V0036	None Detected	N.D.	None

1 - 24" x 48" lay-in fissure and pinhole, date stamp 2010

2 - 24" x 48" lay-in, beige, fissure and pinhole

3 - sealants on pipe threads

Client: Kprdsb Location: #63 : Prep Room Survey Date: 2021-04-12	Site: 1029 Gore Street, Bridge Floor: 1	north, ON		Build Roon Last	ing Name: n #: 307A Re-Assess	Chemong Public School Area (sqft): 250 ment:						
	PAINT											
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard				
Wall <sup>1</sup>	Paint	100		%	V0002	white paint on block wall	Pb: 0.0073 %	No				
Other <sup>2</sup>	Paint	100		%	V0001	blue paint on metal doorframes	Pb: 0.056 %	Lead (Low)				

1 - white paint on block wall

2 - blue paint on metal doorframes





Client: Kprdsb		Site: 1029 Gore S	treet, Bridgenoi	rth, ON		Βι	uilding	Name: Che	emong Pub	lic School					
Location: #64 :	Science Lab	Floor: 1				Ro	oom #: 3	307				Area (so	ft): 780		
Survey Date: 20	)21-04-13					La	st Re-A	ssessmer	nt:						
					A	SBEST	'OS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in)	Surface		С	Y		500			SF	V0000	Non-Asbestos		None
Ceiling <sup>2</sup>		Ceiling Tiles (lay-in), 24" x 48" lay-in, beige, fissure and pinhole	Surface		С	Y		280			SF	S0035A	None Detected	N.D.	None
Duct	All	Not Insulated													
Floor		Vinyl Floor Tile and Mastic, 12" x 12" light brown vft with dark brown and white streak	Surface		A	Y		780			SF	S0034ABC	Asbestos Containing	0.5-5%	Confirmed Asbestos(NF)
Floor		Floor Levelling Compound	Base	Vinyl Floor Tile	D	N		780			SF	V9500	Presumed Asbestos		Presumed Asbestos(F)
Mechanical Equipment		None Found													
Other		Cement Product	Surface		D	Y		100			SF	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Other	Blackboard	Mastic	Base		D	N		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Other <sup>3</sup>	Sink	Mastic	Surface		А	N		6			SF	S0037ABC	Chrysotile	0.5-5%	Confirmed Asbestos(NF)
Other	Window	Caulking	Edge		А	Y		50			LF	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Piping		Fibreglass													
Piping		Not Insulated													
Piping <sup>4</sup>		Mastic			D	N		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Structure		Not Insulated													
Wall		Drywall and joint compound			А	Y		15			SF	S0038ABC	Chrysotile	0.5-5%	Confirmed Asbestos(NF)
Wall		Masonry													
Wall		Paint, White paint on block wall	Surface		А	Y		2580			SF	S0036ABC	None Detected	N.D.	None

1 - 24" x 48" lay-in fissure and pinhole, date stamp 2010

2 - 24" x 48" lay-in, beige, fissure and pinhole

3 - There are 2 sinks

4 - sealants on pipe threads

Client: Kprdsb Location: #64 : Science Lab Survey Date: 2021-04-13	Site: 1029 Gore Street, Bridge Floor: 1	north, ON	I	Build Roor Last	ling Name: n #: 307 Re-Assess	Chemong Public School Area (sqft): 780 ment:						
	PAINT											
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard				
Wall <sup>1</sup>	Wall <sup>1</sup> Paint100					white paint on block wall	Pb: 0.0073 %	No				
2021-05-07	Quantities shown above are based on	ubject to variation. Copyright Pinchin Ltd. 2021	Pag	e 7 of 9.								





PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Other <sup>2</sup>	Paint	100		%	L0001	blue paint on metal doorframes	Pb: 0.056 %	Lead (Low)

1 - white paint on block wall

2 - blue paint on metal doorframes



Leaend:

#### ALL DATA REPORT



Sample nu	nber	Units		Other	
S####	Asbestos sample collected	SF	Square feet	Α	Access
L####	Paint sample collected	LF	Linear feet	v	Visible
P####	PCB sample collected	EA	Each	AP	Air Plenum
M####	Mould sample collected	%	Percentage	F	Friable material
V####	Material is visually identified to be identical to S####	LF	Linear feet	NF	Non Friable material
V0000	Known non hazardous material			PF	Potentially Friable material
V9000	Material visually identified as a Hazardous Material			Pb	Lead
V9500	Material is presumed to be a hazardous material			Hg	Mercury
				As	Arsenic
				Cr	Chromium

Access		Condition		
Α	Accessible to all building occupants	Good	No visible damage or deterioration	
в	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking, delamination or deterioration	

Poor

Irreparable damage or deterioration with exposed and missing material

- в Accessible to maintenance and operations staff without a ladder
- Accessible to maintenance and operations staff with a ladder. Also rarely entered, С locked areas
- Not normally accessible D

2021-05-07