

Prioritization of Demolition Sequence
for Site Rehabilitation of
Miramar Giant Mine
Yellowknife N.T.

011-9804

Volume 2

March 2001



Miramar Giant Mine
Yellowknife N.T.

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2001
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GAIA
CONTRACTORS

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REPORT ON

**PRIORITIZATION OF DEMOLITION SEQUENCE
FOR SITE REHABILITATION OF
MIRAMAR GIANT MINE
YELLOWKNIFE, N.W.T.**

VOLUME 2

Submitted by:

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Submitted to:

Miramar Giant Mine Ltd.
Yellowknife, N.W.T.
X1A 2M1

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March 2001
011-9804

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YELLOWKNIFE**



APPENDIX E
PRIORITY DEMOLITION SCHEDULE

Priority List of Demolition

Phase 1

"A" Shaft

Curling Rink #081
Recreation Hall #008
Storage Shed #021
Vent House
Diesel Compressors &
Hoist House #58 & #002
Ex powder Magazine
Exploration Building #003

Akaitcho Mine site

Cook House & Cafeteria
Bunkhouses
Exploration Building

C-1 Pit

House #210
Service Building #017
C-1 Sub Station

**Priority List of Demolition
Phase 1 Con't.**

"C" Shaft

Arsenic Scale & Silo
Ex Powder Mag., Ex PCB's #087
Old Roaster Building #110
New Refractory #117
Bag House #167
Laboratory Building #169
Sinking Building #171
Warehouse # 4 Building #146
Grease Storage Shed #152
Planer Shop #144
Pipe Storage #154
Calcining Plant #162
Carpenter Shop # 142
Electrical Building Behind Main Office
Assay Office #131
Chemical reagent shed @ Old Mill
Service corridor Between
Old Mill & Roaster
House Above Mobile Repair Shop
Dorrco Plant #143
Cottrell Plant #134
Reagent Warehouse #109
Surface Ore Load Out Building #115
Conveyor between Ore Load Out
& Crusher House
Warehouse In Conveyor Belt Yard #085
Chimney
Fan house & Structural Steel #148

Priority List

Phase 1 Con't.

T.R.P. Area

Office Trailers
Carbon Reactivator
Cold Storage Building
Lime Silo & Tanks
Steel Trestle
Screen House
Outside Thickener & Tanks
Tank Farm
General site Preparation

Miscellaneous Sites:

"A" Shaft Tank Farm
"C" Shaft Tank Farm
Miscellaneous tanks

Priority List of demolition

Phase 2

"A" Shaft

Town Site Houses
Boiler Building #037
Diesel generator Shack
Pump house @ Lake #075
Pump House #076

"C" Shaft

Office Building #155

Priority List Of Demolition

Phase 3

"A" Shaft

Head Frame # 024
Sub Station #4 #004

Akaitcho Mine Site

Head Frame
Warehouse & Hoist
Air Compressor Building

"C" Shaft

Crusher House#101
Warehouse #3 #133
Screen House #102
Electrical shop #150
Boiler Building #172
Powder Magazine #147
Out Buildings @ Machine Shop
Mobile Repair Shop
Pump Shack
Machine Shop # 122 & #084

Miscellaneous

Mobile Repair Tank farm

Priority List of Demolition

Phase 4

B Pits

B-1 Pit Vent Complex
B-3 Pit Vent Complex

"C" Shaft

Head frame # 129
No.5 Sub Station
Hoist Room # 127
Mine Rescue Trailer #016
No.3 Pump House #112
C DRY Building
Standby Generators #059
Old Mill Complex #106

Miscellaneous

Service Corridors
Hydro lines
General Clean Up

Priority List of Demolition

Phase 5

Water Treatment Complex

APPENDIX F
IDENTIFIED BUILDING CONDITIONS

IDENTIFIED BUILDING CONDITIONS

Building	Steel Structure		Steel Siding		Asbestos Type I		Asbestos Type II		Insulation		Wood Structure		Concrete or Brick		Foundation		Wood Foundation		Machinery		Equipment		Site Preparation		Arsenic Dust or Residue		Suspect PCBs		Suspect Mercury		Hydro Carbons		Chemicals		Confined Spaces	
"A" SHAFT																																				
Building #024 Headframe									*		*		*								*															
Building #025 Ex Powder Magazine	*														*						*															
Building #021 Storage Shed									*						*					*																
Venthouse				*							*		*						*																	
Diesel Generator Bldg.	*							*					*						*										*							
Building #75 Pumphouse at Lake	*		*		*				*				*						*		*					*		*		*		*				
Building #037 Old Boiler House	*		*	*	*			*	*		*		*		*				*		*				*		*		*		*		*			
Building #081 Curling Rick			*						*						*						*				*				*							
Building #006 Sewage Lift Station	*										*		*								*				*		*		*		*		*			
Building #076 Townsite Pump House	*		*						*		*		*				*				*						*		*		*		*			
Building #008 Recreation Hall		*							*		*		*								*															
Building #058 & #002 Diesel House and Hoist Room			*	*	*			*	*		*		*		*		*		*		*				*		*		*		*		*			
Building #004 Sub Station									*		*		*						*		*				*		*		*		*		*			
Building #003 Exploration Shop	*						*		*		*		*		*				*		*				*		*		*		*		*			
AKAITCHO MINE SITE																																				
Mine Site Head Frame	*								*		*		*																							
Warehouse and Hoist Room	*		*	*	*	*	*	*	*		*		*				*		*		*						*		*		*		*			

IDENTIFIED BUILDING CONDITIONS

Building	Steel Structure	Steel Siding	Asbestos Type I	Asbestos Type II	Insulation	Wood Structure	Concrete or Brick	Foundation	Wood Foundation	Machinery	Equipment	Site Preparation	Arsenic Dust or Residue	Suspect PCBs	Suspect Mercury	Hydro Carbons	Chemicals	Confined Spaces
Air Compressor Building	*			*	*		*		*	*	*				*			
Three (3) Bunk Houses					*			*			*							
Cookhouse and Cafeteria					*		*				*							
Exploration Building	*	*	*		*		*			*	*	*	*					
"B" PITS																		
B-1 Pit Vent Shaft	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*		
B-3 Pit Vent Shaft	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*		
"C" PITS																		
C-1 Pit House #210				*	*			*										
C-1 Pit Building #017 Service Building	*	*			*		*		*	*	*				*	*		
C-1 Pit Area Substation	*		*		*		*			*	*	*	*	*	*	*		
"C" SHAFT																		
Building #155 Office Building		*	*		*	*	*			*	*	*	*	*	*			
Building #166 "C" Dry	*			*		*	*			*	*	*	*	*	*	*		
Building #129, #123, and #116 Head Frame	*	*			*	*	*		*	*	*	*	*	*	*	*		
Building #101 Crusher House	*		*		*	*	*		*	*	*	*	*	*	*	*		
Building #087 Ex Powder Magazine / Ex PCB Storage	*	*			*		*	*					*					
Building #160 Arsenic Loading Scale	*	*	*	*		*	*		*	*	*	*	*	*	*	*	*	*
Building #110 Old Roaster	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*
Building #133 Warehouse #3	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*

IDENTIFIED BUILDING CONDITIONS

Building	Steel Structure		Steel Siding		Asbestos Type I		Asbestos Type II		Insulation		Wood Structure		Concrete or Brick		Foundation		Wood Foundation		Machinery		Equipment		Site Preparation		Arsenic Dust or Residue		Suspect PCBs		Suspect Mercury		Hydro Carbons		Chemicals		Confined Spaces	
Building #102 Screen House and Conveyors									*				*					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Building #106, #108 and #120 Mill Building	*	*	*				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Building #150 Electrical Shop	*			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Building #126 No. 5 Substation	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Building #127 Hoist Room and Compressor Building	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Building #117 New Refractory Building	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Building #167 Bag House	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Building #169 Laboratory	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Building #171 Butler Building	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Building #146 Warehouse #4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Building #016 Atco Mine Rescue Trailer		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Building #172 Boiler Building	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Building #152 Grease Shed		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Electrical Building	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Building #144 Planner Shop		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Building #154 Two (2) Buildings - Pipe Storage																																				
Building #162 Calcining Plant	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Building #142 Carpenter Shop		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Building #147 Powder Magazine																																				

IDENTIFIED BUILDING CONDITIONS

Building	Steel Structure	Steel Siding	Asbestos Type I	Asbestos Type II	Insulation	Wood Structure	Concrete or Brick	Foundation	Wood Foundation	Machinery	Equipment	Site Preparation	Arsenic Dust or Residue	Suspect PCBs	Suspect Mercury	Hydro Carbons	Chemicals	Confined Spaces
Building #112 Firewater Pump House					*	*	*				*	*	*	*	*	*		
Building #131 Assay Lab.	*	*		*		*		*		*	*	*		*	*	*		
Out Building at Machine Shop	*	*		*	*			*		*								
Chemical Reagent Bld.	*	*		*		*				*	*							
Service Corridor, Old Mill and Crusher					*			*		*	*							
Building #007 Mobile Repair Shop	*			*		*	*		*	*	*				*			
House Above Mobile Repair Shop					*			*			*							
Building #143 Dorrico Plant	*		*	*	*	*	*		*	*	*	*	*	*	*	*	*	*
Building #134 Cottrell Plant	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*
Pump Shack		*		*		*				*	*				*			
Building #109 Reagent Warehouse		*						*		*	*							
Building #100 + #115 Surface Crusher	*	*		*		*	*		*	*	*	*	*	*	*	*		
Conveyor Ore Loadout to Crusher Building	*						*		*		*	*			*			
Buildings #122 + #084 Machine Shop and Pipe Shop		*		*	*	*	*		*	*	*		*	*	*	*		
Building #085 Warehouse					*			*		*	*							
Building #059 Standby Generators	*	*		*		*	*		*	*	*				*			
Chimney	*		*			*	*				*	*	*				*	*
Building #148 Fan House and Structural Steel	*	*				*	*		*	*	*	*	*					

IDENTIFIED BUILDING CONDITIONS

Building		Steel Structure	Steel Siding	Asbestos Type I	Asbestos Type II	Insulation	Wood Structure	Concrete or Brick	Foundation	Wood Foundation	Machinery	Equipment	Site Preparation	Arsenic Dust or Residue	Suspect PCBs	Suspect Mercury	Hydro Carbons	Chemicals	Confined Spaces
T.R.P. SITE																			
Office Trailers	*	*				*									*				
Carbon Reactor Building	*	*		*			*	*		*	*	*	*	*	*	*	*	*	
Cold Storage Building	*	*							*			*	*						
Lime Silo and Tanks	*						*	*		*		*	*				*	*	
Steel Trestle	*							*			*	*	*						
Screen House	*	*					*	*			*	*	*						
Outside Thickener	*							*		*	*	*	*						
Tank Farm	*						*	*		*	*	*	*			*			
General Site Preparation Original Infrastructure	*					*	*	*		*		*	*			*	*		
MISCELLANEOUS ITEMS																			
Effluent Water Treatment Plant	*	*			*		*	*		*	*	*	*	*	*	*	*	*	*
Explosives Limited Site	*	*			*			*		*	*	*	*						
"A" Shaft Tank Farm	*										*	*	*			*	*	*	*
"C" Shaft Tank Farm	*										*	*	*			*	*	*	*
Mobile Repair Tank Farm	*										*	*	*			*	*	*	*
Miscellaneous Tanks and Equipment	*									*	*	*	*			*	*	*	*
Service Corridors, "A" Shaft, "C" Shaft and Townsite Tailings Area				*	*				*		*	*	*						
Hydrolone De-Commissioning "A" Shaft, "B" Shaft, "C" Shaft	*					*						*	*						
General Site Clean Up	*					*		*	*	*	*	*	*						

APPENDIX G

WORK SCOPE

- G1 "A" SHAFT
- G2 AKAITCHO MINE SITE
- G3 "B" PITS
- G4 "C" PITS
- G5 "C" SHAFT
- G6 T.R.P. SITE
- G7 MISCELLANEOUS ITEMS
- G8 MINE SITE PLANS

G1
"A" SHAFT

G2
AKAITCHO MINE SITE

G3
"B" PITS

G4
"C" PITS

G5
"C" SHAFT

G6
T.R.P. SITE

G7
MISCELLANEOUS ITEMS

G8
MINE SITE PLANS

G1
"A" SHAFT

**"A" SHAFT
TOWN SITE RESIDENCES**



Typical Residence (#207)



Residence 212



Residence 213



Residence 216



Residence 168

“A” SHAFT TOWN SITE RESIDENCES

Use

- some are occupied at the time of this report; and
- some are abandoned.

Construction

- all wood frame construction on concrete foundations.

Size

- 22 units

Work Plan

- owner shall locate and de-energize all utilities attached to structures;
- demolish all structures;
- demolish all concrete foundations and footings and dispose of all materials resulting from demolition in designated landfill;
- backfill all pits and excavations resulting from demolition with approved material; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Asbestos/Asphalt siding on most residences

Health & Safety Issues

- workers to wear Class “D” as minimum protection.

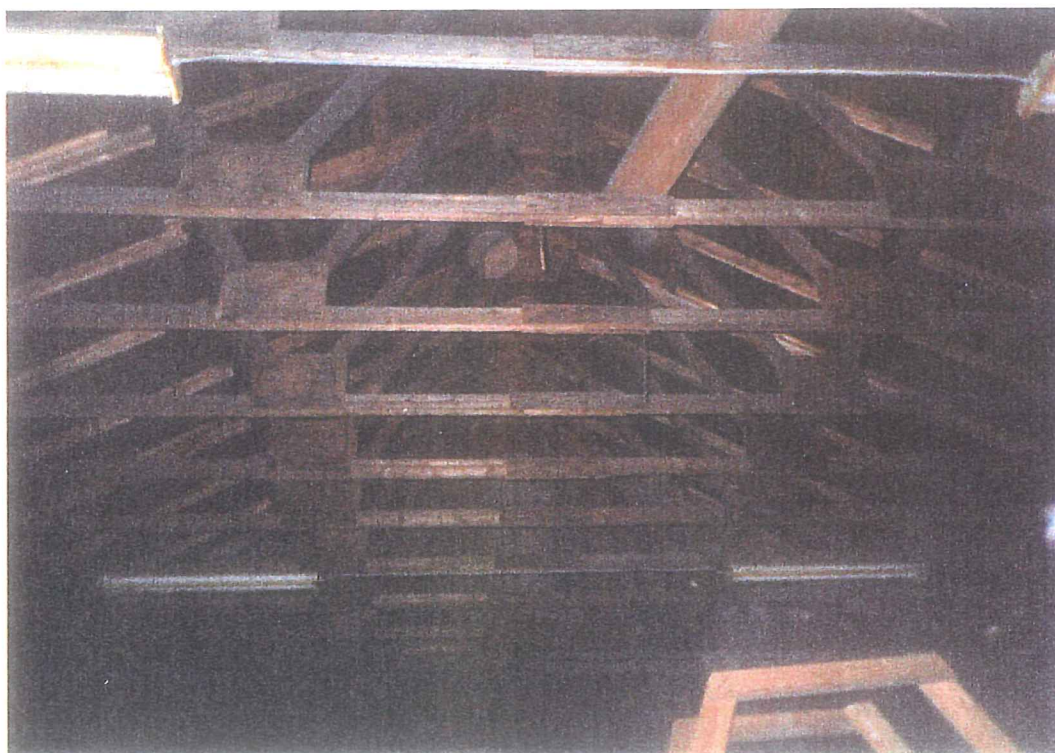
**"A" SHAFT
BUILDING #024
HEAD FRAME AND COLLAR HOUSE**



Interior



South View



Interior Ceiling

GAIA Contractors

Use

- ventilation shaft for underground works

Construction

- wood frame; wood siding; wood foundation; pitched felt roof; and concrete floor.

Size

- 8.1 m x 16.7 m x 21 m H (average)

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any item, material, or equipment deemed salvageable and transport to designated area on mine property;
- check dates of manufacturing and labelling of florescent lights which are suspected of containing PCBs in ballast;
- if identified, remove ballast, properly contain and ship off site to proper disposal facility;
- provide temporary cover over open shaft complete with safety barriers;
- demolish structure using mechanical means and dispose in designated landfill;
- construct permanent shaft cap over opening as per standard regulations; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Shaft cap installation
- Suspected PCBs

Health & Safety Issues

- all workers wear Class "D" as minimum protection;
- enforce all safety procedures for working around an open shaft; and
- enforce proper handling and storage of PCBs, if encountered.

**"A" SHAFT
BUILDING #025
EX POWDER MAGAZINE
LOCATED BACK ROAD @ BONE YARD**



Powder Magazine Looking South and Showing Perimeter Fence

Use

- old powder magazine

Construction

- single-storey; wood frame; steel siding and roof; wood foundation; wood interior; and fenced perimeter.

Size

- 14.0 m x 9.2 m x 2.4 m H

Work Plan

- owner to locate and de-energize all utilities attached to structure;
- owner may remove any items, equipment, machinery or materials deemed salvageable and store in an orderly manner in a designated area on the mine site;
- demolish building using mechanical means and dispose in designated dump, the north or northwest pond;
- remove and dispose of perimeter fence to dump; and
- clean up, grade site and leave in an orderly manner.

Special Items

- no known hazards
- contents unknown

Health & Safety Issues

- all workers to wear Class "D" as minimum protection; and
- enforce safe work habits for demolition type projects.

**"A" SHAFT
BUILDING #021
STORAGE SHED**



Use

- storage of miscellaneous items

Construction

- single storey, wood frame; wood foundation; asphalt shingles

Size

- 9.2 m x 3.6 m x 3.4 m H

Work Plan

- owner to locate and de-energize all utilities attached to structure;
- owner to remove all stored equipment from structure deemed as salvageable assets;
- demolish structure using mechanical means and dispose in designated landfill site;
- clean up, grade site and leave in an orderly manner.

Special Items

- no known hazards

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection; and
- enforce safe working habits for demolition type projects.



**"A" SHAFT
VENT HOUSE**



Use

- storage of miscellaneous items

Construction

- 1½ storey frame building; pitched felt roof; wooden foundation; wood floor with concrete covering; Asbestos Type 1 interior walls; Asbestos Type 1 interior ceiling; fiberglass insulation

Size

- 16.4 m x 7.5 m x 4.0 m H (average)

Work Plan

- owner to locate and de-energize all utilities attached to structure;
- remove all stored materials and equipment from interior of structure and, if not salvageable assets, dispose of same in designated landfill;
- remove Type 1 Asbestos panels from ceiling and store in proper containers and dispose of same in designated landfill;
- remove Type 1 Asbestos panels from interior walls, package in proper containers and dispose of same in designated landfill;
- demolish building by mechanical means, load, transport and place in an orderly fashion in designated landfill;
- mechanically demolish concrete pad, load, transport and place in designated landfill;
- site preparation / extent of which shall be determined by soil sampling of site; and
- sample for PCBs, hydrocarbons, metals and arsenic.

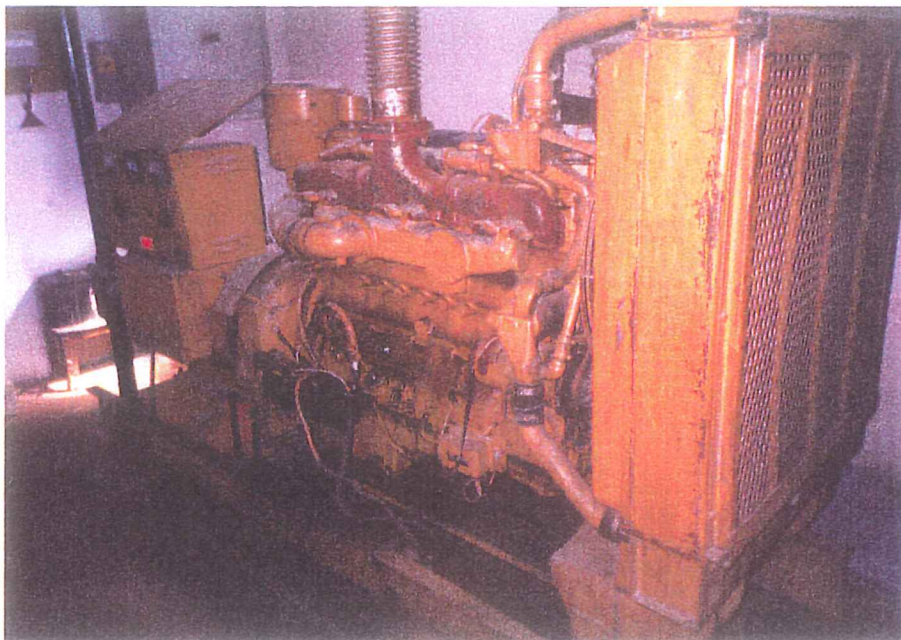
Special Items

- Type 1 Asbestos

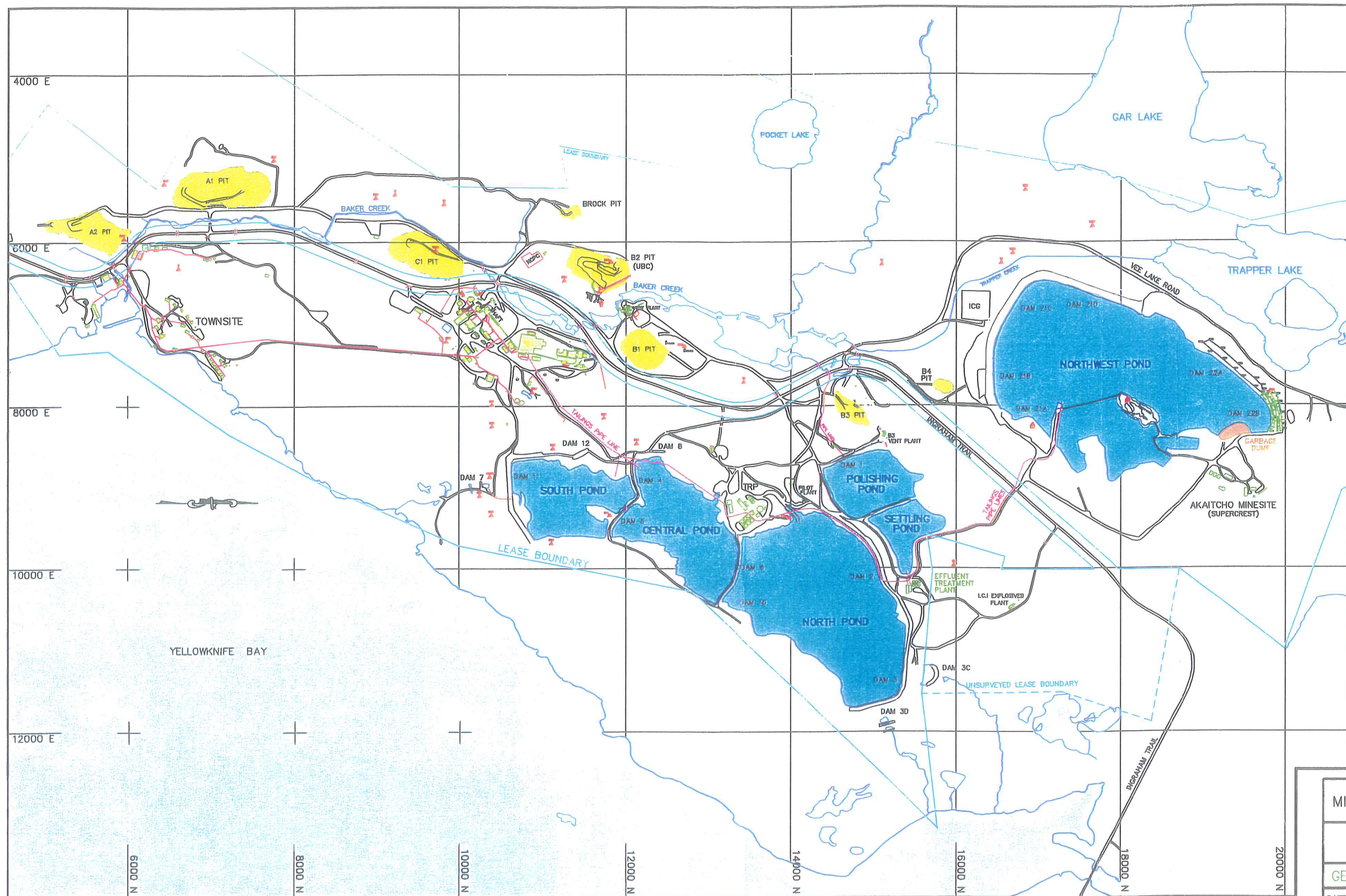
Health & Safety Issues

- all regulations governing the removal and disposal of asbestos shall be enforced;
- use of moisture spray and HEPA vacuum shall be employed in the removal of the Asbestos Type 1;
- all workers are to wear Class "C" protection complete with dust particle respirators; and
- ensure safe work habits for demolition type projects.

**"A" SHAFT
DIESEL GENERATOR BUILDING
BEHIND BOILER BUILDING**



G8
MINE SITE PLANS



NOTE:
BASE MAP: 1987 AERIAL

MIRAMAR GIANT MINE LTD.

SURFACE PLAN

GENERAL MINESITE LAYOUT

DATE: DEC. 1992 SCALE: 1" = 400'

UPDATED BY: MSL DATE: SEPTEMBER 30, 1998

MSL C:\MASTER\SURFACE\SURF1998.DWG

S-92-14

Use

- standby diesel generator

Construction

- steel frame; steel siding and roof; insulated with fibreglass; and concrete slab.

Size

- 3.7 m x 2.4 m x 2.4 m H

Work Plan

- owner to locate and de-energize all utilities attached to structure;
- remove generator and all auxiliary equipment and place in designated area on mine site;
- dismantle steel siding roof;
- remove insulation;
- dismantle steel frame;
- mechanically demolish concrete pad and remove to designated landfill;
- clean up, grade site and leave in an orderly manner.

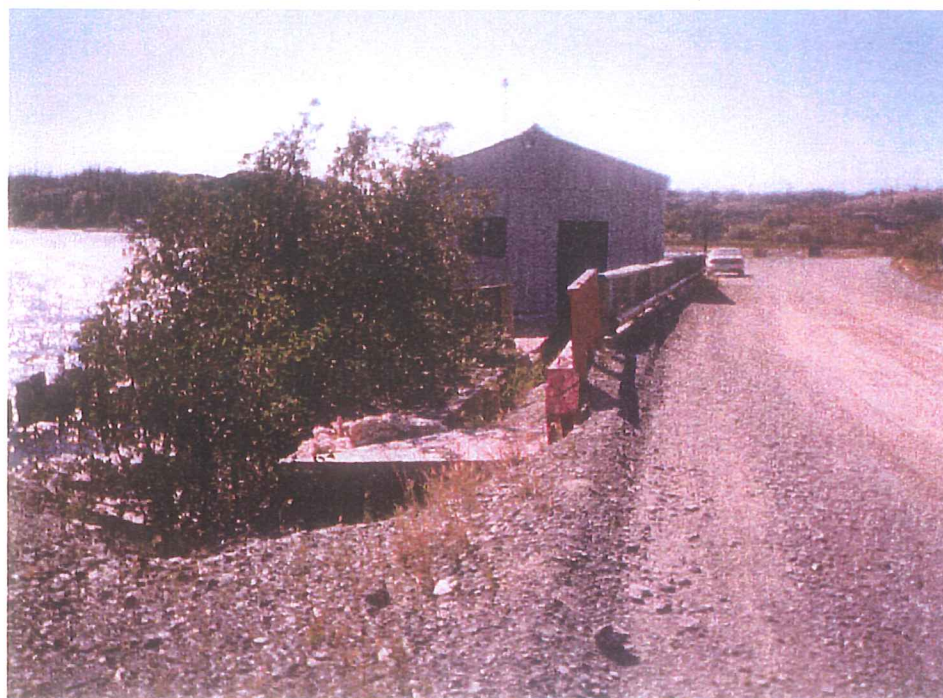
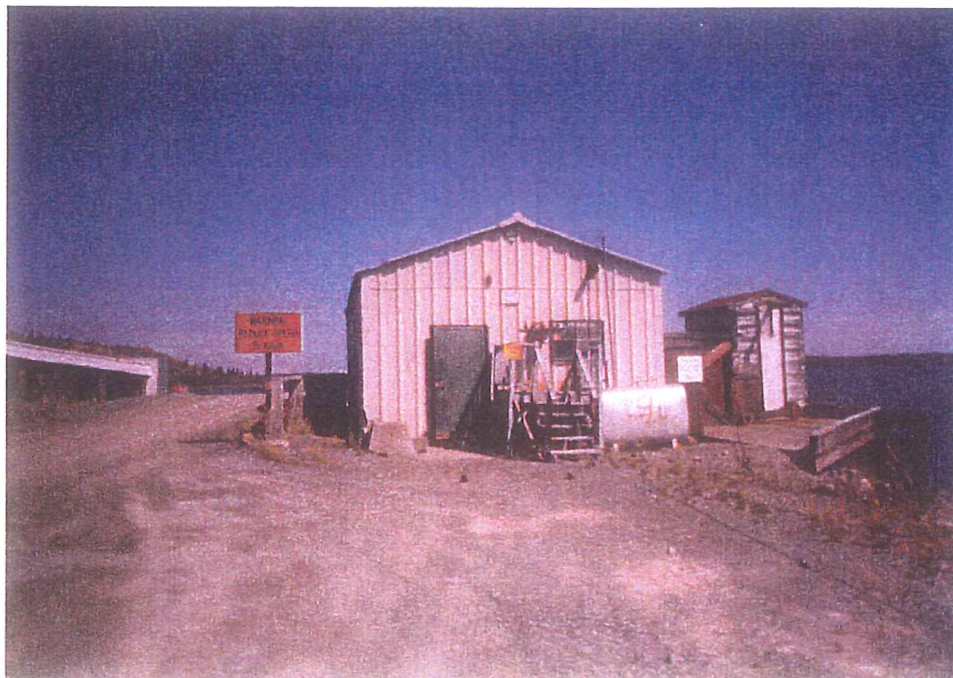
Special Items

- no known hazards

Health & Safety Issues

- all workers to wear Class "D" complete with dust particle respirators as minimum protection;
and
- practice safe work habits for demolition type projects.

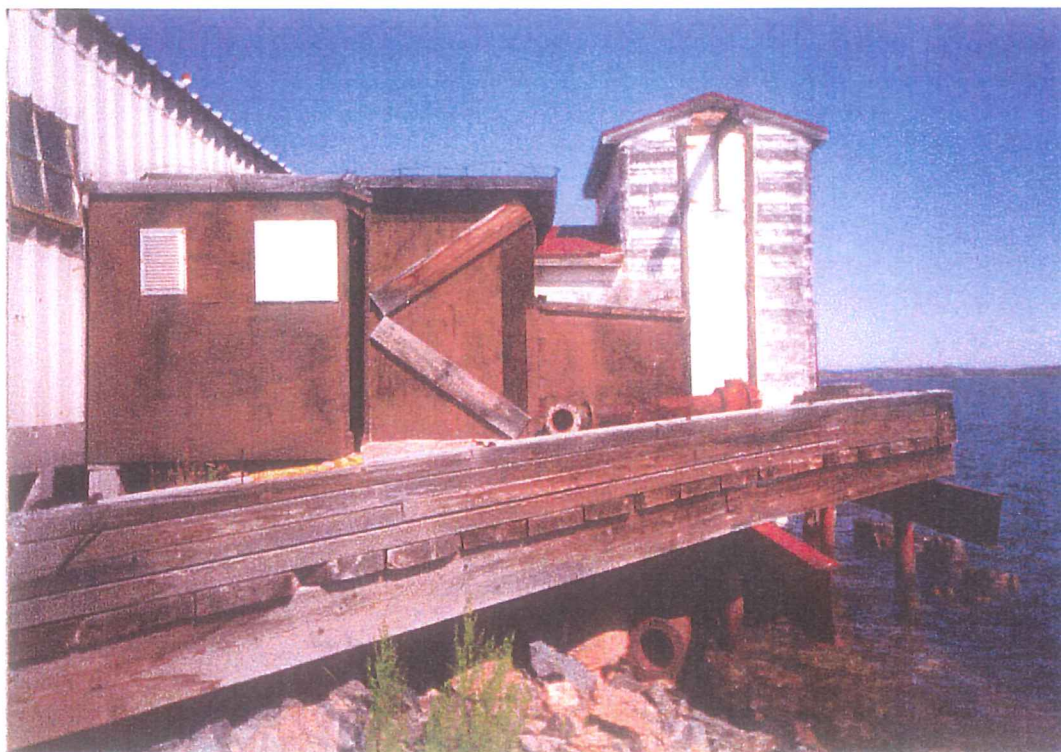
**"A" SHAFT
BUILDING #075
PUMP HOUSE AT LAKE**



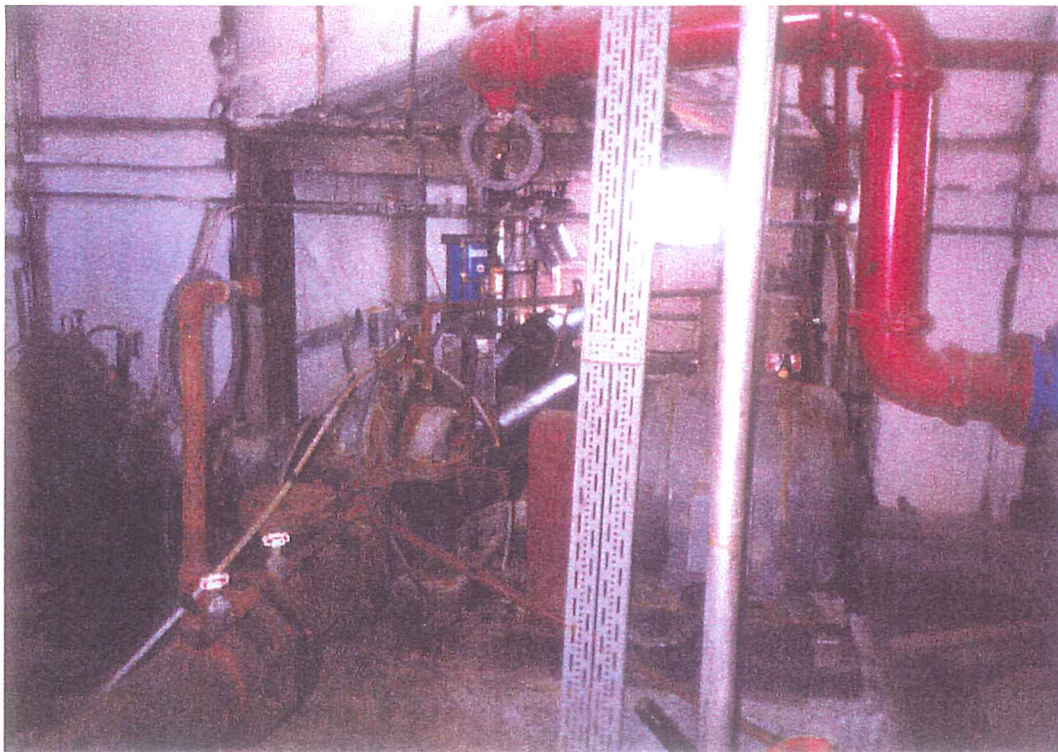
Pump House Looking West



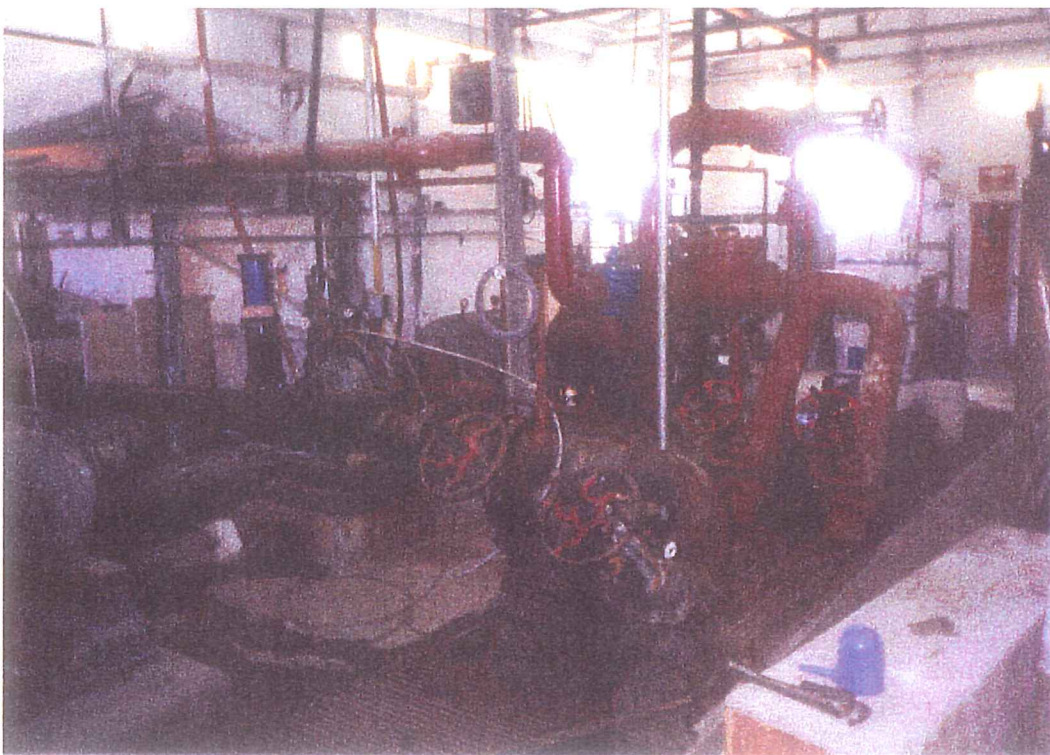
Pump House Extension Looking West



Wooden Deck c/w Steel Infrastructure



Typical Interior Piping



Typical Interior Piping - Asbestos Type 2 on Walls



Steel Structural and Asbestos Type 2 on Ceilings and Walls

Use

- water supply for mine site

Construction

- steel frame building with wood frame extension; Asbestos Type 1 siding panels;
- Asbestos Type 1 roof panels; Asbestos Type 2 insulation walls and ceiling;
- wooden extension and wooden deck on exterior steel frame over water.

Size

- 11.3 m x 6 m + 6.5 m x 3.2 m (3.0 m H) average

Work Scope

- owner to locate and de-energize all utilities attached to structure;
- owner to remove all equipment and machinery which the owner deems as salvageable assets and transport to designated site on mine property;
- barricade off and make safe all pits and sumps within the structure;
- check manufacturing dates and labels of fluorescent lights and capacitors, suspect PCBs in ballast and capacitors;
- if required, remove ballast and capacitors and store in proper containers for shipping off site;

- drain and remove all hydrocarbons from site and properly store for shipping off site;
- remove all Asbestos Type 1 siding and roofing panels complete with Asbestos Type 2 material and properly dispose of them in designated landfill;
- remove steel frame complete with Asbestos Type 2 sprayed on material;
- remove all wooden structure material;
- demolish remaining structure using mechanical means and dispose of material in designated landfill;
- remove steel super structure from over water
- permanently seal off all water access into former structure;
- demolish all concrete floors and footings;
- backfill all pits and sumps; and
- clean up, grade site and leave in an orderly manner.

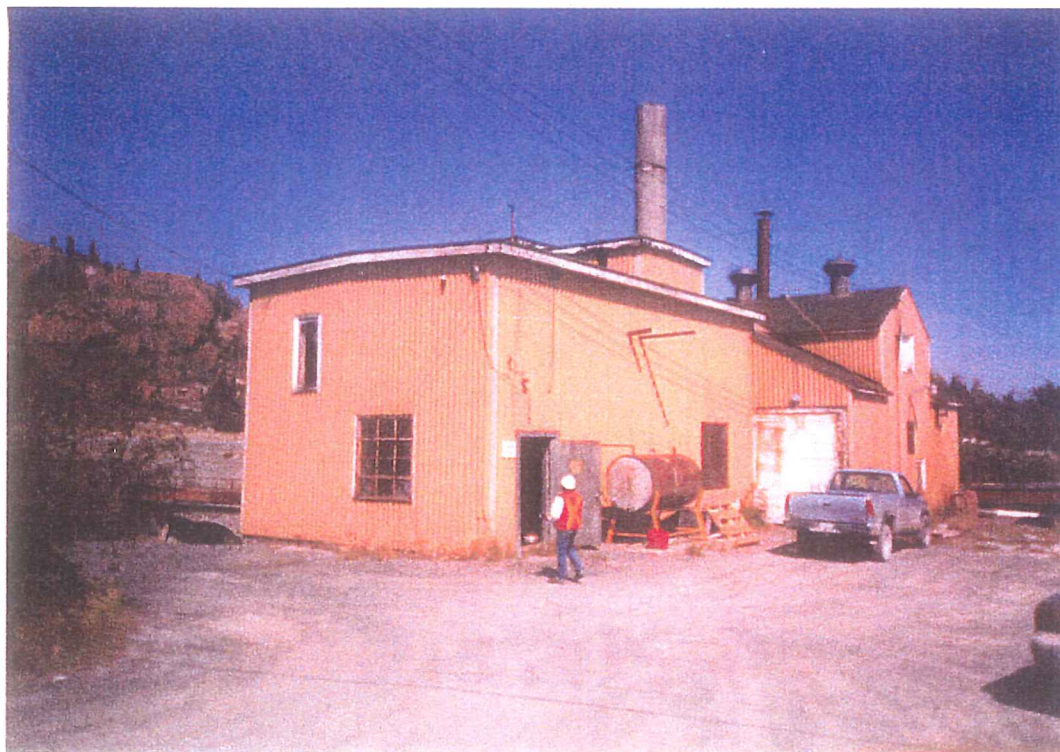
Special Items

- Suspect PCBs in light ballast
- Suspect lead paint
- Asbestos Type 1
- Asbestos Type 2
- Open holes
- Marine environment
- Chlorine stored in building

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- all asbestos to be handled according to regulations governing such work;
- special measures are to be taken to ensure that Asbestos Type 2 is not allowed to enter the environment while dismantling or transporting Asbestos Type 1 and steel sprayed with Asbestos Type 2 material;
- marine environment must be protected from all and any pollution, resulting from demolition practices;
- all open pits and sumps must be properly secured to protect workers; and
- enforce safe working habits for demolition type projects.

**"A" SHAFT
BUILDING #037
OLD BOILER HOUSE LOOKING NORTHEAST**



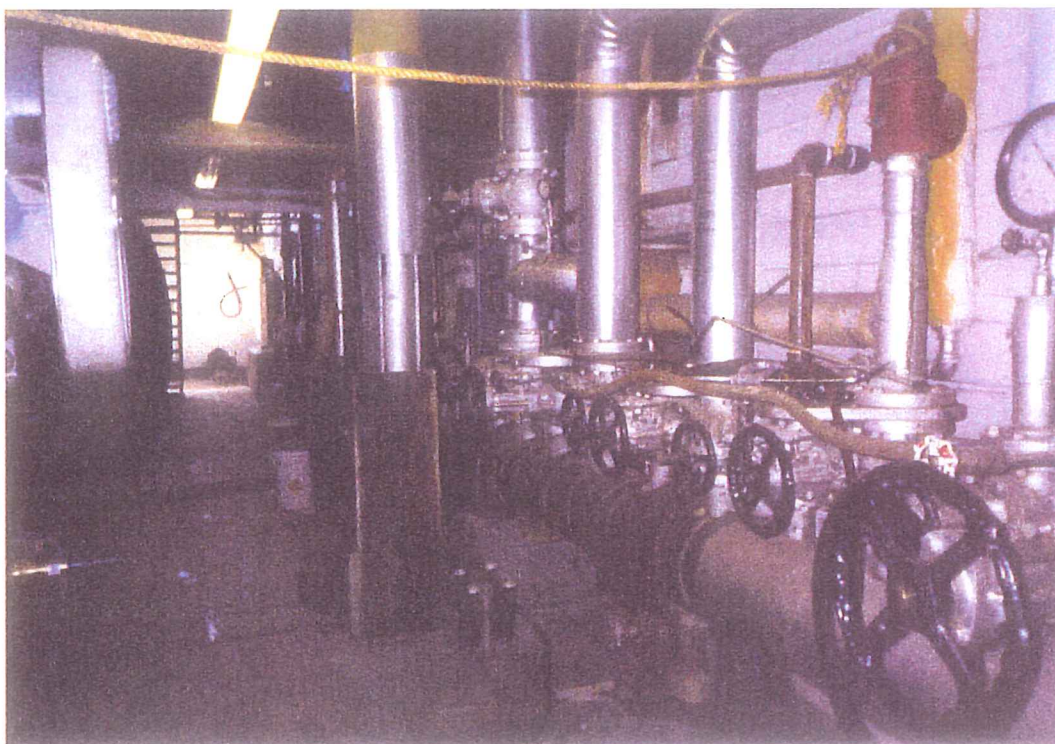
Northeast View



Old Boiler House Looking South



Looking Down on Boiler from Mezzanine



Some Interior Piping



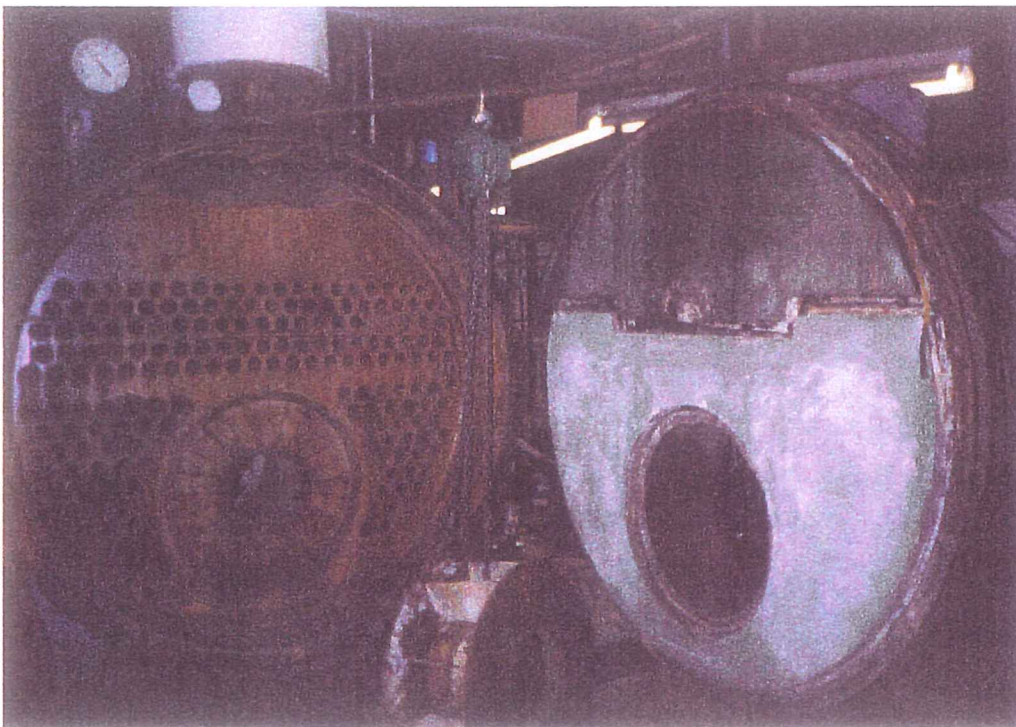
Front View of Mezzanine



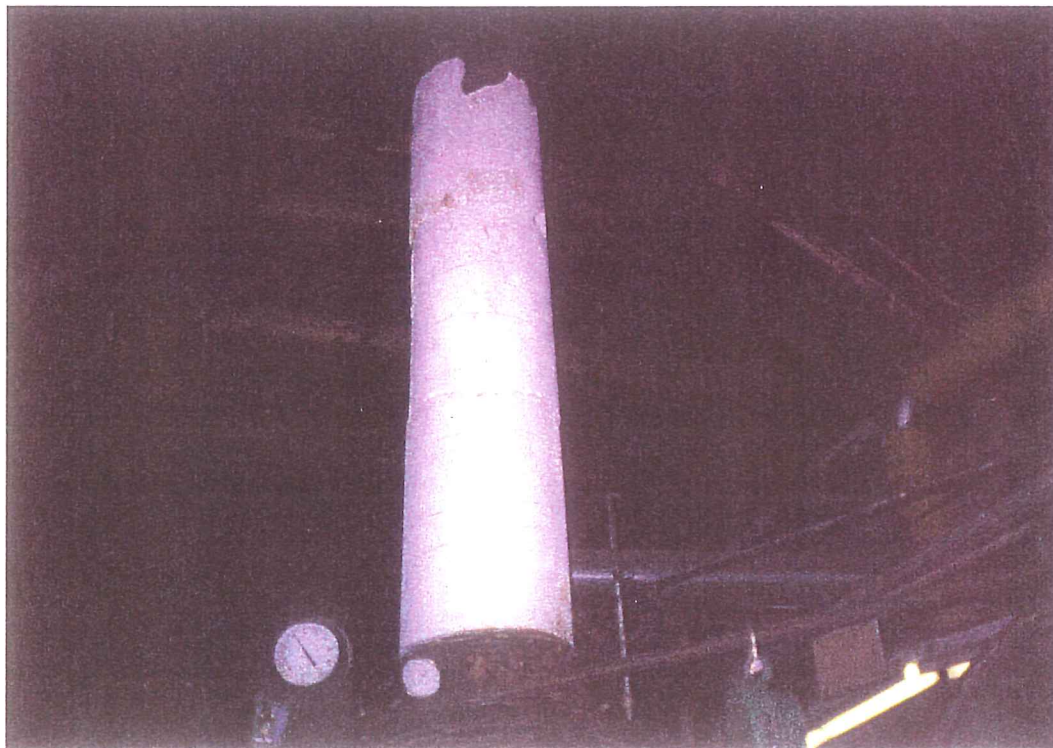
Typical Ceiling and Wall Panels Type 1 Asbestos
and Fluorescent Lights



Asbestos Type 2 Pipe Insulation



Boiler Asbestos Type 2 Insulation



Asbestos Type 2 Insulation

Use

- produces steam heat for townsite and mine facilities

Construction

- 2-storey frame building; steel infrastructure; steel mezzanine; concrete floor; concrete foundation; steel siding over wood frame; pitched felt roof; Asbestos Type 1 interior ceiling; Asbestos Type 1 interior walls; and Asbestos Type 2 insulation coating, boiler, chimney and parts of the ceiling and walls.

Size

- 23.5 m x 11.7 m x (9.3 m H Average)

Work Scope

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove all equipment and machinery which is deemed as salvageable assets, and transport to designated site on mine property;
- check electrical equipment for light ballast and capacitors that might contain PCBs and mercury switches;
- if identified, then remove and store in proper containers and ship off site;
- remove Asbestos Type 2 material and properly dispose of same in designated landfill;
- remove Asbestos Type 1 material and properly dispose of same in designated landfill;
- remove equipment and machinery from building and dispose of in designated landfill;

- removal of steel siding (optional);
- demolish building with mechanical means and dispose of all material in designated landfill;
- demolish all concrete floors and foundations and dispose of same in designated landfill; and
- clean up, grade site and leave in an orderly manner.

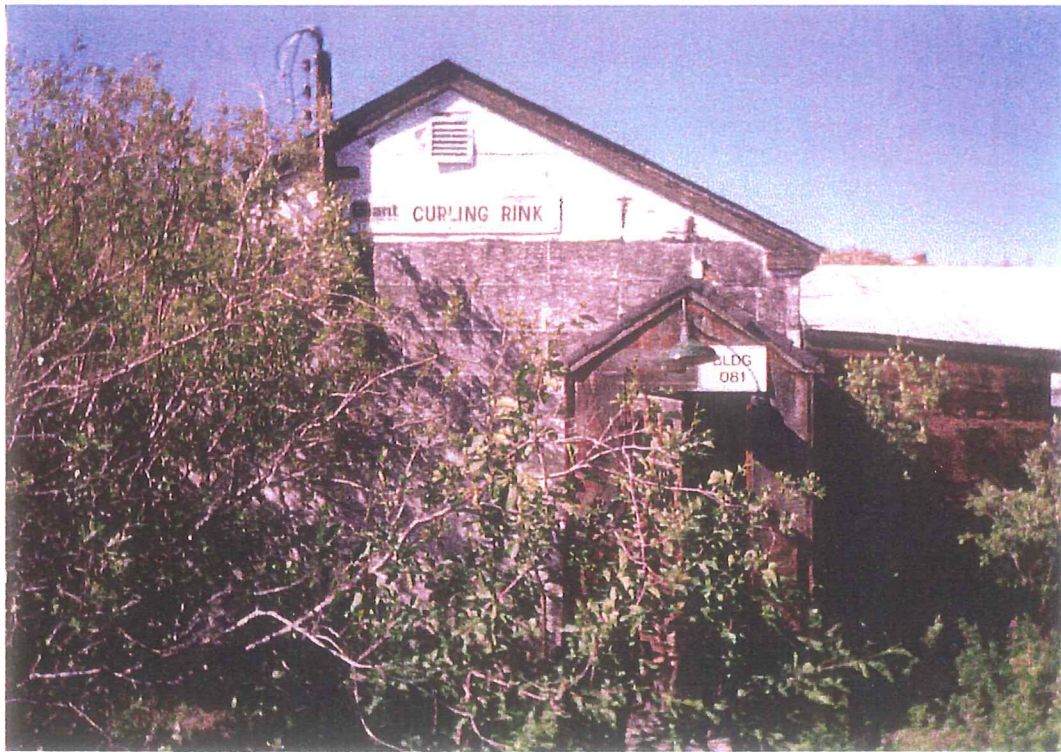
Special Items

- Possible PCBs
- Possible mercury
- Asbestos Type 1
- Asbestos Type 2
- Heavy equipment & machinery

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection; and
- enforce all regulations on the proper handling and disposal of hazardous materials.

**"A" SHAFT
BUILDING #081
CURLING RINK LOOKING NORTH**



North View



Curling Club Looking Northeast (Note Asbestos Roof Panels)



Curling Rink Looking West



Interior Common Room (Note Asbestos Panels, Walls & Ceiling)

Use

- abandoned Curling Club

Construction

- single-storey frame structure; on-grade wood timber foundation; Asbestos Type 1 roof panels; asphalt single roof; Asbestos Type 1 panels interior walls & ceiling in common room area; and cooling pipes buried in dirt floor of arena.

Size

- 44.8 m x 9.7 m + 15.0 m x 7.3 m (2.7 m H average)

Work Scope

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any items deemed salvageable and transport to designated site on mine property;
- check manufacturers' dates and labels of ballast in fluorescent lights for possible PCBs;
- if located, then remove ballast and properly store for shipping off site;
- remove Asbestos Type 1 Panels from interior ceiling & walls, place in containers and dispose of same in designated landfill;
- remove Asbestos Type 1 siding from roof and properly dispose of in designated landfill;
- demolish building by mechanical means and dispose of same in designated landfill; and
- clean up, grade site and leave in an orderly manner.

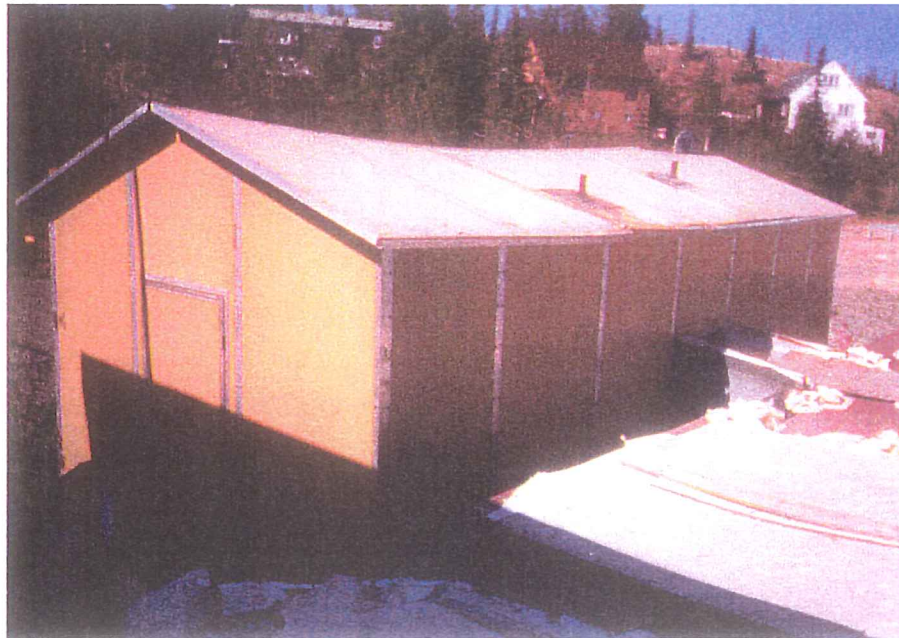
Special Items

- Suspect PCBs
- Suspect lead paint and pipes
- Asbestos Type 1

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection.

**"A" SHAFT
BUILDING #001
SEWAGE LIFT STATION**



Use

- pumps sewage from town site

Construction

- pre-fab metal structure; concrete foundation

Size

- 8.5 m x 3.6 m x 2.4 m

Work Scope

- owner to locate and de-energize all utilities attached to structure;
- owner to remove any equipment or items deemed salvageable and transport to designated site on mine property;
- demolish structure using mechanical means and dispose of in designated landfill site;
- demolish concrete pad and dispose of material as indicated; and
- clean up, grade site and leave in an orderly manner.

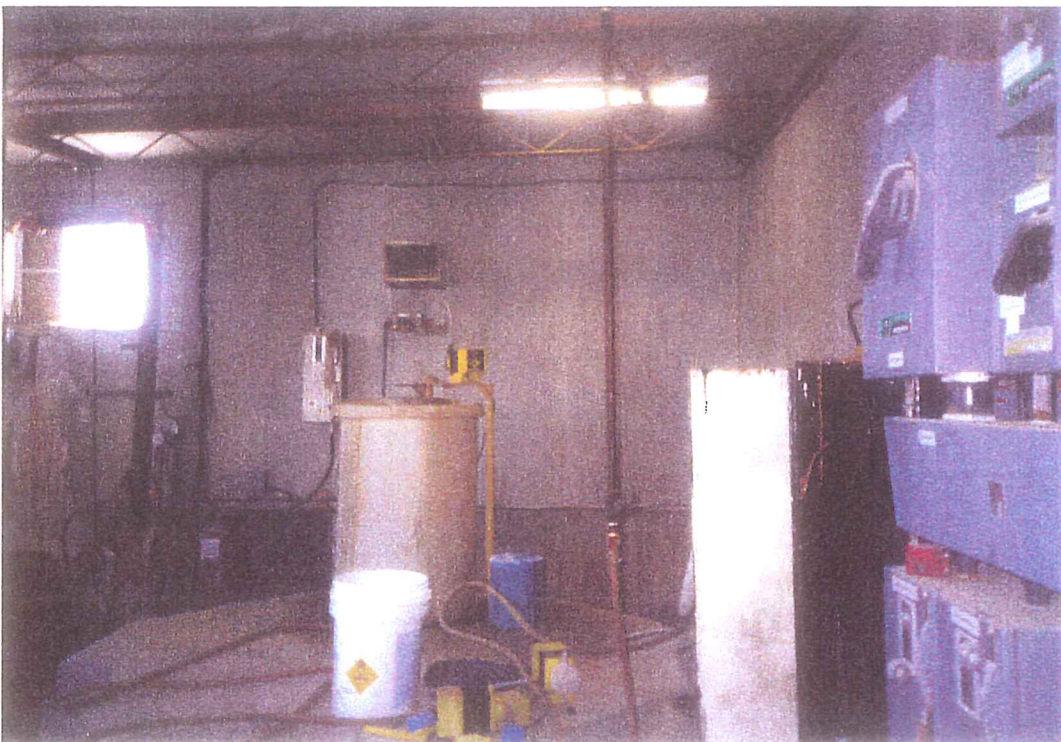
Special Items

- remnants of sewage

Health & Safety Issues

- all workers to wear Class "C" complete with organic/vapour respirators as minimum protection.

**"A" SHAFT
BUILDING #076
#2 MAIN PUMP HOUSE**



Interior Showing Steel Roof Supports
Asbestos Type 1 on Walls & Ceiling and Concrete Pedestal

**Use**

- water to mine

Construction

- 1-storey wood frame structure; steel supports for roof; concrete foundation & pedestals; and Asbestos Type 1 panels on interior walls and ceiling.

Size

- 8.5 m x 6.1 m x 3.7 m H

Work Scope

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove all equipment deemed salvageable and transport to designated site on mine property;
- check manufacturers' dates and labels on ballast of fluorescent lights for possible PCBs;
- if identified, then remove, properly contain and ship off site;
- suspect lead paint on piping;
- remove and properly dispose of Asbestos Type 1 panels in designated landfill;
- mechanically demolish building and dispose of in designated landfill;
- demolish concrete pedestals and foundations, dispose of concrete rubble in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Possible PCBs
- Possible lead paint
- Asbestos Type 1
- Water

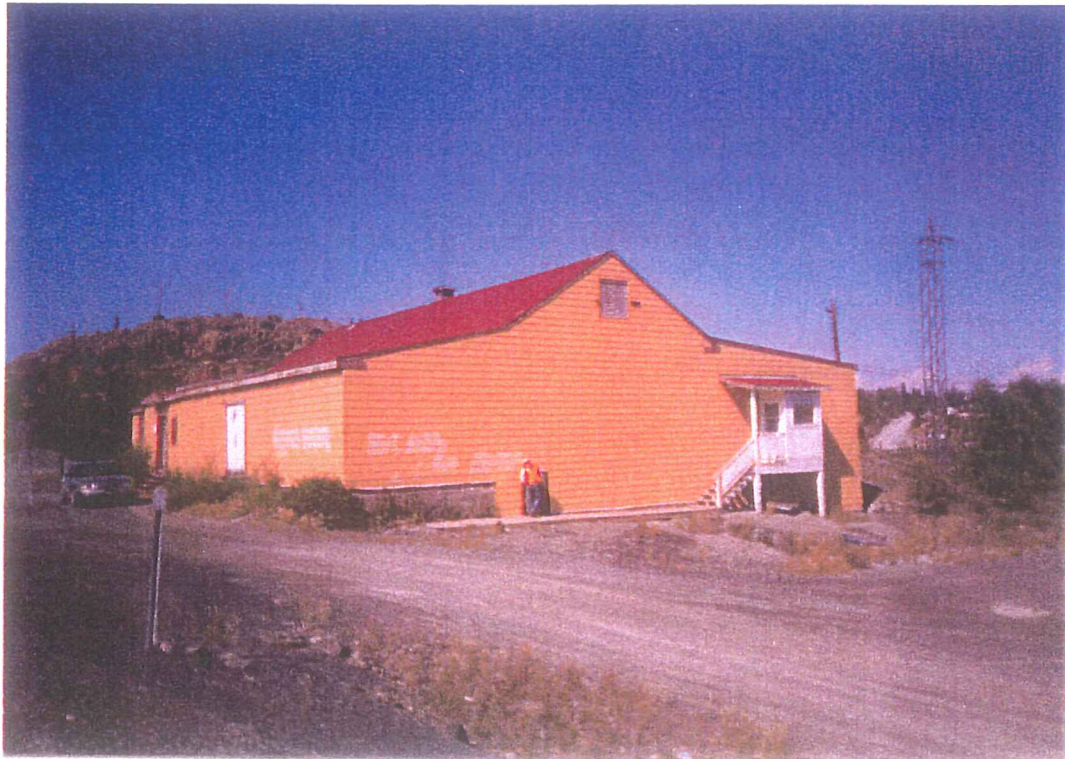
Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- proper handling of Asbestos material;
- proper handling of PCBs; and
- proper handling of lead painted items.

**"A" SHAFT
BUILDING #008
RECREATION HALL**



Northwest View



Northeast View

Use

- occasional, Air Cadets

Construction

- 1½ frame building; concrete foundation; and asphalt roof.

Size

- 20.6 m x 24.7 m x (4.3 m H average)

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any items deemed salvageable and transport to designated area on mine property;
- check manufacturers' dates and labels on ballast of fluorescent lights for suspect PCBs;
- if identified, then remove and place in proper containers and ship off site;
- remove chain link fence from site and dispose of in designated landfill;
- demolition building using mechanical means and dispose of material in designated landfill;
- demolish concrete foundations and dispose of material in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Propane tank on site to be removed by others
- Suspect PCBs in light ballast

Health & Safety Issues

- all workers to wear Class "D" as minimum protection.

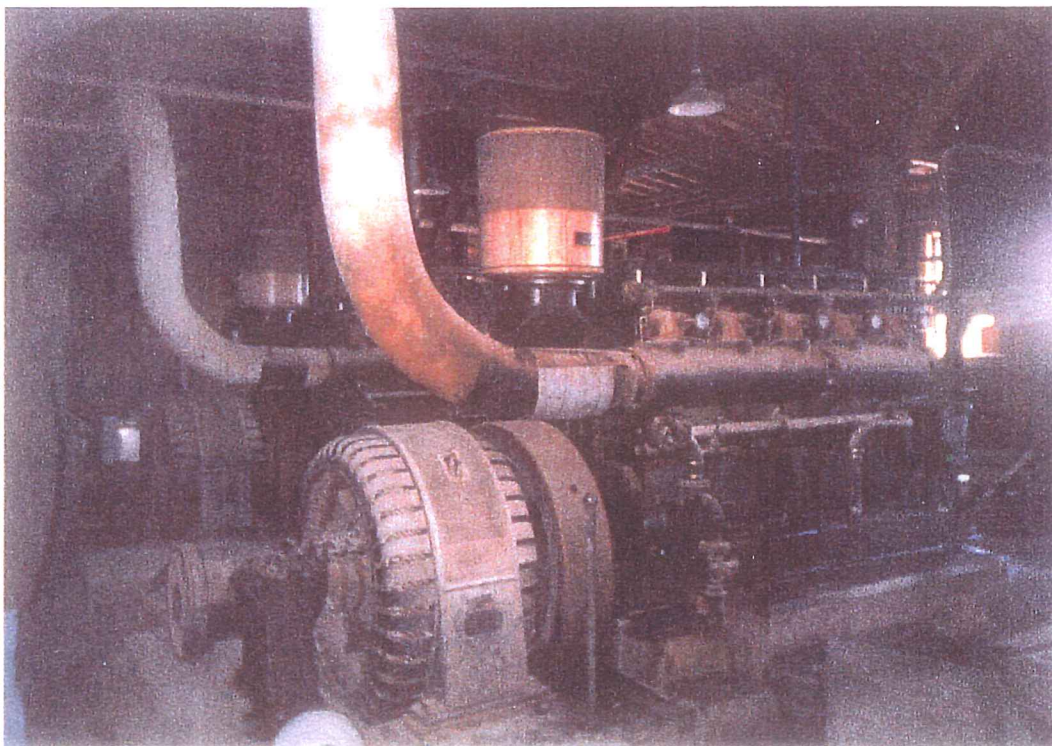
**"A" SHAFT
BUILDING #58 AND #2
DIESEL HOUSE AND HOIST ROOM**



North View



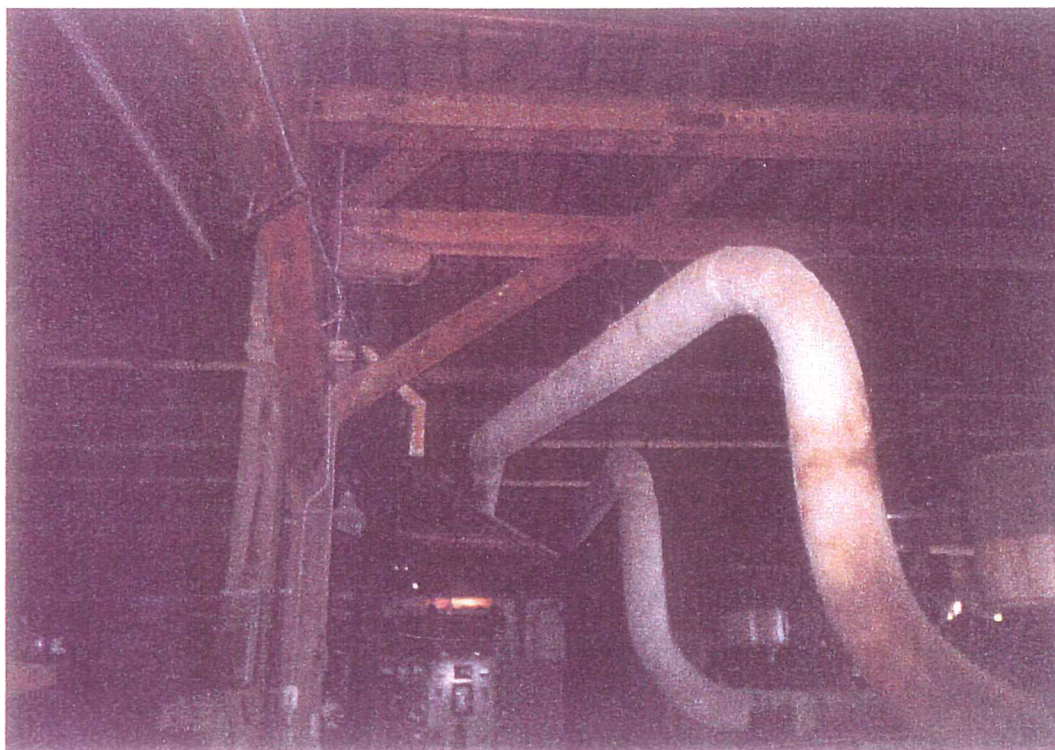
Northwest View



Compressors



Old Compressor



Typical Interior

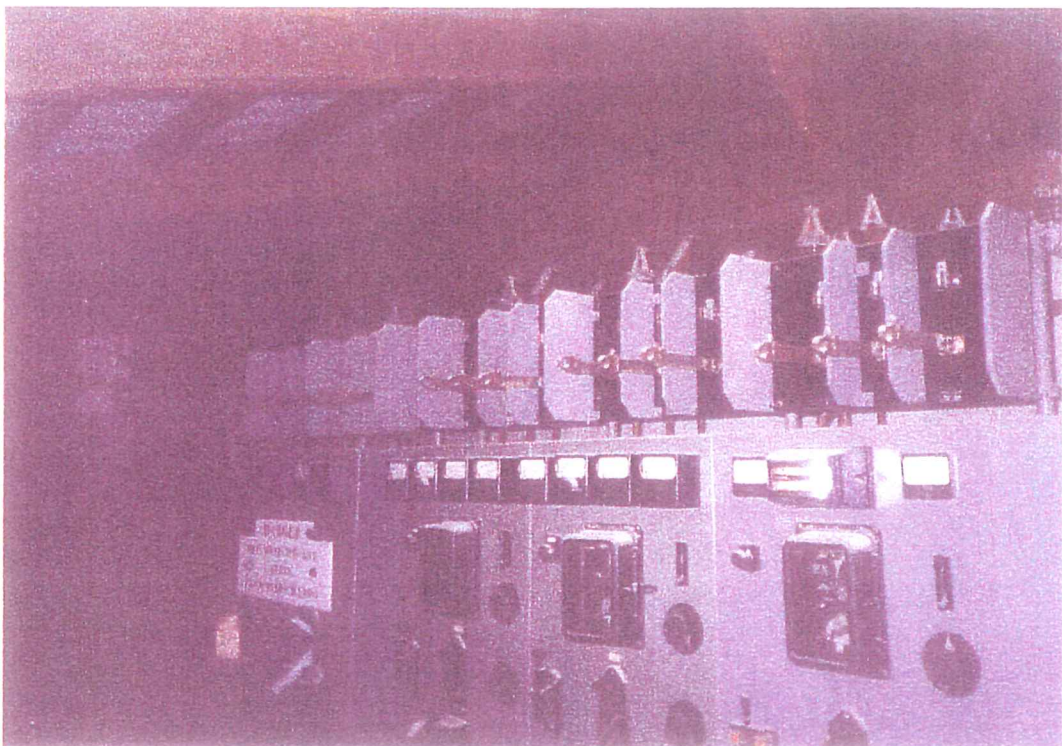


Hoist Room Interior

GAIA Contractors



Fuel Tank



Electrical Equipment

Use

- compressor house; abandoned hoist

Construction

- single-storey frame structure; concrete foundation; concrete pedestals for equipment; pitched felt roof; Asbestos Type 1 wall and ceiling of hoist room; Asbestos Type 2 pipe wrap; heavy equipment and machinery; interior fuel tank; and electrical equipment.

Size

- 21.3 m x 18.0 m + 11.5 m x 8.9 m (4.0 m H average)

Work Plan

- owner shall locate and de-energize all utilities attached to structure;
- owner may remove any machinery, equipment, or items deemed salvageable and transport to designated area on mine property;
- inventory all electrical equipment for suspect capacitors containing PCBs and switch gear for mercury;
- if identified, then remove, properly contain and ship off site;
- remove Asbestos Type 2 using proper procedures, place in proper containers and dispose of in designated landfill;
- remove Asbestos Type 1 and place in proper containers and dispose of same in designated landfill;
- recover any hydrocarbons, clean and purge fuel tank, associated fuel lines and sinks;
- dispose of hydrocarbons as directed;
- demolition of building using mechanical means and disposal of all material in designated landfill;
- remove machinery and equipment;
- demolish concrete foundations, footings and pedestals and dispose of all concrete in designated landfill; and
- clean up, grade site and leave in an orderly manner.

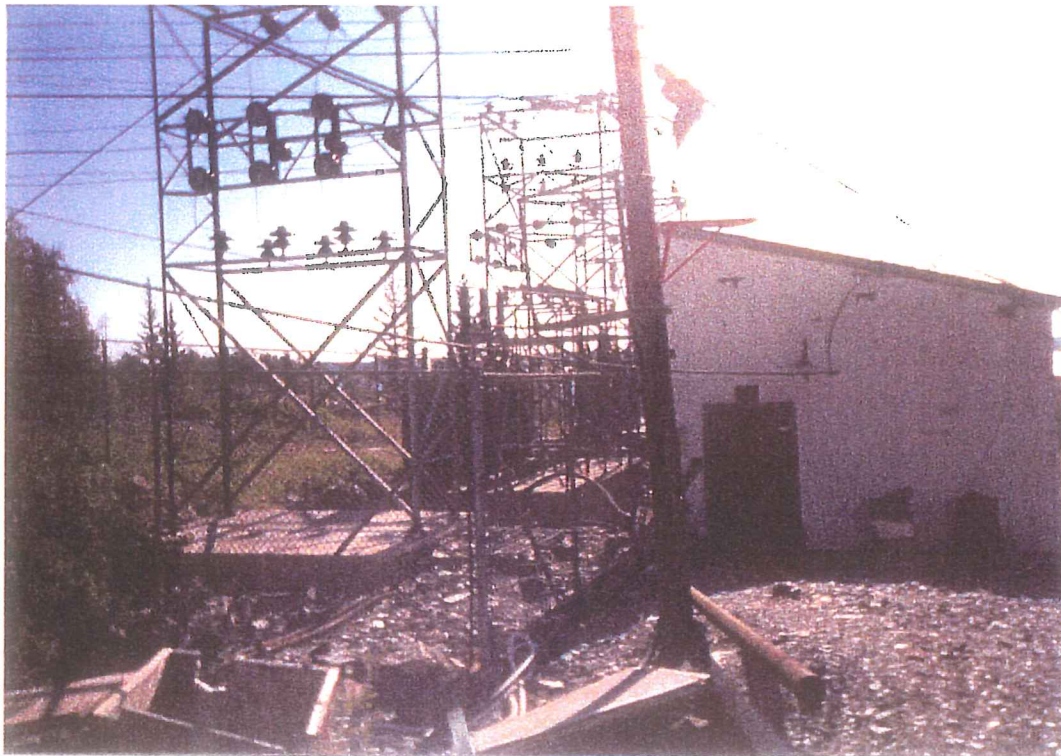
Special Items

- Asbestos Type 1
- Asbestos Type 2
- Hydrocarbons
- Heavy machinery and equipment
- Large electrical equipment
- Suspect PCBs and mercury

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- enforce proper handling and disposal of hazardous materials; and
- enforce safe work guidelines relating to demolition works.

**"A" SHAFT
BUILDING #004
SUB STATION**



Use

- sub station (town site and boiler house)

Construction

- single-storey frame building; pitched felt roof; concrete foundation; concrete pads; light structural steel; Asbestos Type 1 interior walls and ceiling; Asbestos Type 2 pipe and tank insulation; electrical switch gear; and 6 Ferranti transformers.

Size

- 3.6 m x 3.6 m x 3.6 m H

Work Plan

- owner shall locate and de-energize all utilities attached to structure;
- owner may remove any items deemed salvageable and transport to designated site on mine property;
- sample transformer fluids and send to lab for testing for suspect PCBs;
- if identified, then remove, properly contain and ship off site;

- inventory electrical switch gear for suspect PCBs in capacitors and switch gear possibly containing mercury;
- drain liquid transformers of fluid and collect in proper containers and ship off site to designation dependent on test results;
- remove Asbestos Type 2 and properly dispose of in designated landfill;
- remove Asbestos Type 1 panel from interior and properly dispose of in designated landfill;
- demolish building using mechanical means and dispose of all materials in designated landfill site;
- remove all structural steel and associated equipment, disposing of same in designated landfill;
- remove transformers and dispose in designated landfill;
- demolish concrete foundation and pads and dispose of in designated landfill;
- remove perimeter fence and dispose of in designated landfill; and
- clean up, grade site and leave in an orderly manner.

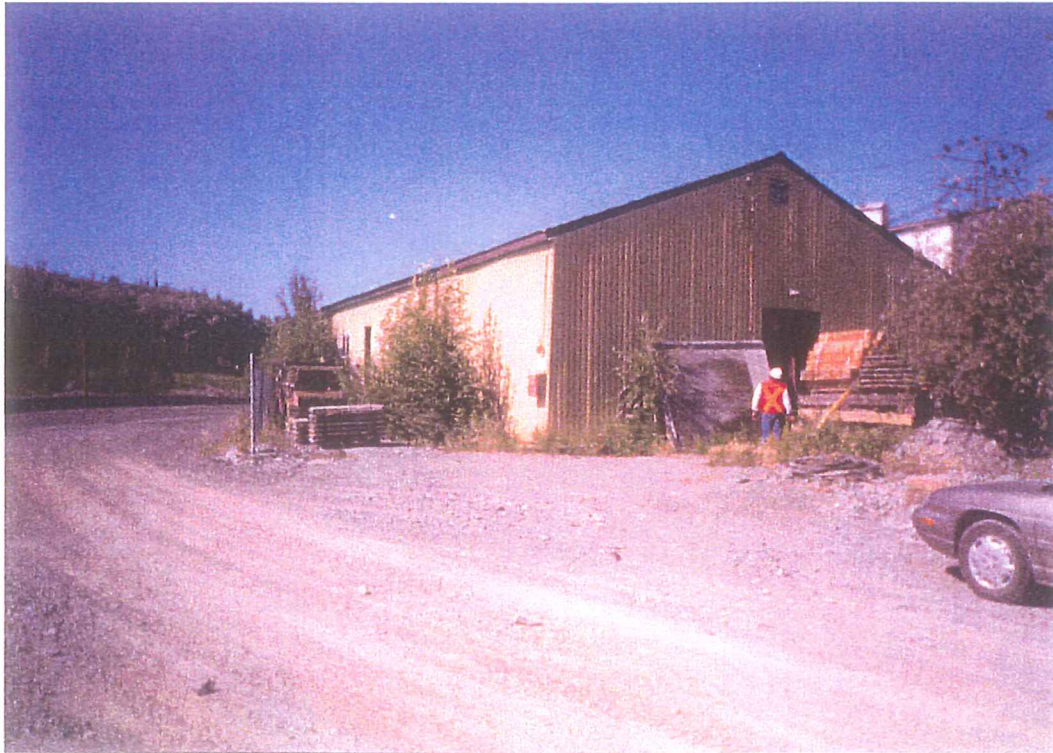
Special Items

- Asbestos Type 2
- Asbestos Type 1
- Suspect PCBs
- Electrical transformer
- Electrical switch gear

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- enforce all regulations on the proper handling and disposal of hazardous materials; and
- enforce safe working habits for demolition type projects.

**"A" SHAFT
BUILDING #003
EXPLORATION SHOP**



Northwest View



Steel Roof

Use

- storage of exploration equipment & miscellaneous items

Construction

- 1½ frame building; steel siding & roofing; wooden foundation on bedrock; wooden interior walls; concrete sidewalk; and perimeter chain link fence.

Size

- 32.0 m x 13.4 m x 4.9 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove all items deemed salvageable and transfer to designated site within the mine property;
- check interior for stored hydrocarbons; if identified, then remove, properly contain and ship off site;
- check manufacturers' dates and labels on fluorescent light ballast for possible PCBs;
- if identified, remove and place in proper containers and ship off site;
- remove all store material from perimeter of building including chain link fence and dispose of same in designated landfill;
- remove steel siding and roofing (optional);
- demolish building using mechanical means and dispose of material in designated landfill; and
- grade site and leave in an orderly manner.

Special Items

- Possible stored hydrocarbons
- Possible PCBs

Health & Safety Issues

- all workers to wear Class "D" as minimum protection; and
- enforce safe working habits for demolition type projects.

G2
AKAITCHO MINE SITE

**AKAITCHO MINE SITE
STEEL HEAD FRAME**



North View



Wood Structure Over Shaft



Wood Structure Over Shaft

Use

- ventilation for underground

Construction

- structural steel head frame; wood frame structure; concrete pad; and concrete footings.

Size

- 25.4 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any items or equipment deemed salvageable and transport to designated site on mine property;
- place temporary cover over open shaft and install all necessary safety barricades around opening;
- demolish steel head frame and place in designated landfill site;
- demolish concrete footings and place material in designated landfill site;
- demolish wood structure and place in designated landfill site;
- construct a permanent poured-in-place concrete shaft cap over opening as per standard specifications that regulate the construction for shaft caps; and
- grade site and leave in an orderly fashion.

Special Items

- Poured-in-place shaft cap
- Open Hole

Health & Safety Issues

- workers to wear Class "D" as minimum protection;
- enforce all regulations for working around open holes; and
- enforce safe work practices for demolition type projects.

**AKAITCHO MINE SITE
WAREHOUSE AND HOIST ROOM**



West View



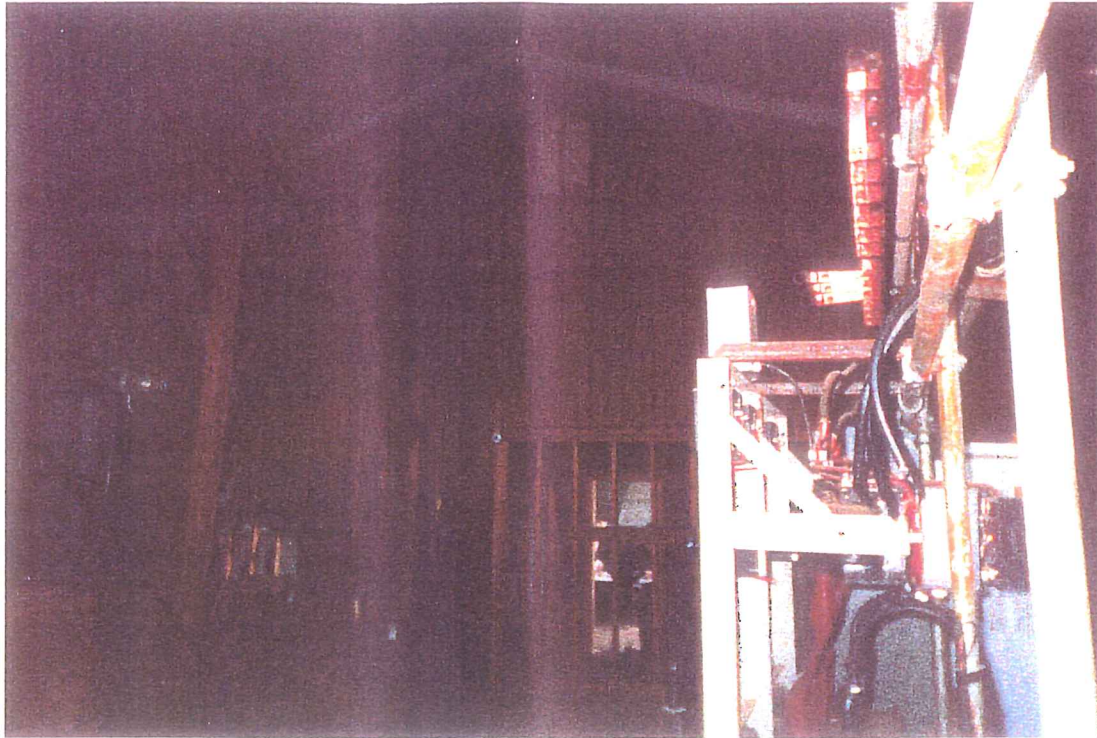
Interior Shows Asbestos Type 1 Wall Panels and
Sprayed On Asbestos Type 2 on Super Structure



Sprayed On Asbestos Type 2 Steel Structure



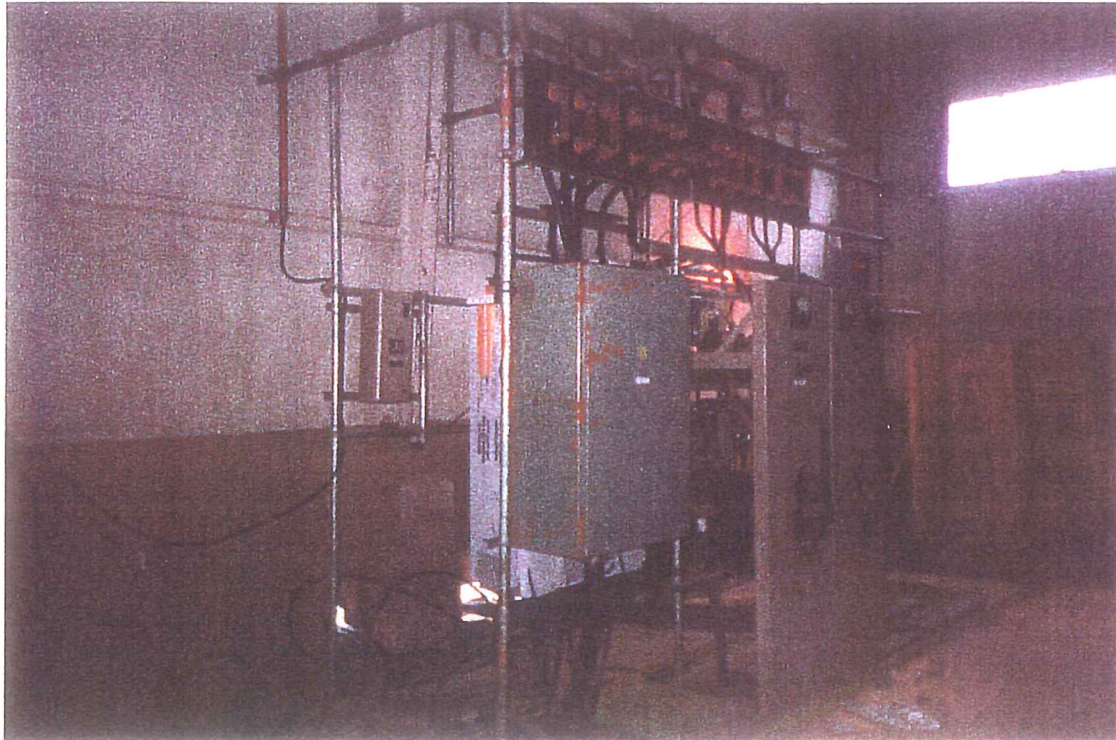
Hoist Location



Interior Walls



Hoist



Electrical Equipment



Sub Station #1



Sub Station #2

Use

- abandoned
- empty except for hoist and some related equipment

Construction

- steel frame building; steel siding & steel roofing; wood foundation; Asbestos Type 2 sprayed on insulation on walls & ceiling; Asbestos Type 1 panels on interior walls; dirt floor; concrete pedestals; electrical equipment; electrical sub stations; transformers; and perimeter fencing.

Size

- 30.5 m x 12.2 m x 3.7 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any items or equipment deemed salvageable and transport to designated site within mine property;
- take fluid samples of all transformers and send to lab for testing for possible PCBs;
- drain hydrocarbons completely from all transformers, properly contain and ship off site as per lab results;
- check electrical equipment for possible PCBs in capacitors and for mercury in switches;
- if identified, then use proper handling protocol to remove, properly contain and ship off site;
- remove all Asbestos Type 1 from interior, properly contain and dispose of same in designated landfill;

- remove perimeter chain link fences;
- remove electrical poles from sub stations including all auxiliary apparatus;
- remove all wooden dividing walls and associated interior structures and dispose of same in designated landfill;
- remove roof steel panels complete with sprayed on Asbestos Type 2 insulation within the panels and dispose of same in designated landfill;
- remove steel siding panels complete with sprayed on Asbestos Type 2 insulation within the panels and dispose of same in designated landfill;
- remove steel skeleton complete with sprayed on Asbestos Type 2 insulation and dispose of same in designated landfill;
- check machinery and equipment for hydrocarbons and, if identified, drain completely into proper containers and ship off site;
- remove heavy machinery & electrical equipment and dispose of same in designated landfill;
- demolish all concrete pads & pedestals; and
- grade site and leave in an orderly fashion.

Special Items

- Asbestos Type 2
- Asbestos Type 1
- Liquid electrical transformers
- Hydrocarbons
- Electrical equipment
- Possible PCBs
- Possible mercury
- Heavy machinery

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- measures must be taken to ensure Asbestos Type 2 insulation attached to removed steel siding, roofing & steel frame is contained and not released into the environment during demolition and transportation;
- enforce safe and proper handling and storing protocol for hydrocarbons; and
- enforce safe work practices for demolition type projects.

**AKAITCHO SITE
AIR COMPRESSOR BUILDING**



Compressor



Air Tank

Use

- supplies air for ventilation underground

Construction

- wood frame structure; steel siding & steel roof; double walled; fiberglass insulation; concrete pad foundation; and machinery.

Size

- 6.1 m x 5.5 m x 3.7 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any equipment or items deemed salvageable and transport to a designated site within the mine property;
- if not removed by owner, drain all hydrocarbons out of compressor, properly contain and ship off site;
- if not removed by owner, remove equipment from building and the outside perimeter and dispose of same in designated landfill;
- remove any stored hydrocarbons from building;
- dismantle interior steel siding and steel roofing (optional)
- remove insulation and properly package for disposal (optional);
- dismantle exterior steel siding and roof materials (optional);

- demolish remnant of building using mechanical means;
- demolish concrete pad and dispose of all material resulting from the demolition in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Hydrocarbon

Health & Safety Issues

- all workers to wear Class "D" as minimum protection;
- enforce safe and proper handling procedures for hydrocarbons; and
- enforce safe work practices for demolition type projects.

**AKAITCHO MINE SITE
3 BUNK HOUSES**



#1 and #2 Bunkhouses



Wood Foundation #3 Bunk House



Bunk House #1



Bunk Houses



Typical Interior



Typical Interior

Use

- abandoned

Construction

- single-storey frame structures; and wood foundations on bedrock.

Size

- (14.0 m x 9.1 m x 3.1 m H) x 2

Work Plan

- owner shall locate and de-energize all utilities attached to the structures;
- owner may remove any items deemed salvageable and transport to a designated site within the mine property;
- demolish buildings using mechanical means and dispose of materials in designated landfill; and
- grade site and leave in an orderly fashion.

Special Items

- No known hazards

Health & Safety Issues

- workers to wear Class "D" as minimum protection; and
- enforce safe work practices for demolition type projects.

**AKAITCHO MINE SITE
COOKHOUSE AND CAFETERIA**



Cookhouse and Cafeteria



Interior Cafeteria

Use

- abandoned

Construction

- single-storey wood structure; and wood foundation on bedrock.

Size

- 24.4 m x 8.5 m + 9.1 m x 3.6 m (3.6 m H average)

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any items deemed salvageable and transport to designated site within mine property;
- demolish building using mechanical means and dispose of material in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- no known hazards

Health & Safety Issues

- workers to wear Class "D" as minimum protection; and
- enforce safe work practices for demolition type projects.

**AKAITCHO MINE SITE
EXPLORATION BUILDING**



Interior 2nd Floor - Asbestos Type 1 and Type 2



Interior Asbestos Type 2 Steel Frame



Interior Asbestos Type 2



Lower Level Showing Storage Items and
Asbestos Type 1 on Ceiling

Use

- storage of small tools and miscellaneous items

Construction

- 2-storey steel frame building; aluminum siding & roof panels; wood interior walls; Asbestos Type 2 sprayed on insulation; Asbestos Type 1 interior walls & ceiling; and concrete foundation.

Size

- 30.0 m x 12.2 m x 7.3 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove all items deemed salvageable and transfer to designated site within the mine property;
- check manufacturers' dates and labels on fluorescent light ballast for possible PCBs;
- if identified, then remove, properly contain and ship off site;
- check stored items for hydrocarbons and, if located, remove, properly contain and ship off site;
- remove all Asbestos Type 1 from interior of building, place in proper containers and dispose of same in designated landfill;
- remove all wood from interior of building and dispose of same in designated landfill;
- remove aluminum panels from roof complete with Asbestos Type 2 insulation attached and dispose of same in designated landfill;
- remove aluminum siding complete with Asbestos Type 2 insulation attached and dispose of same in designated landfill;
- remove steel frame complete with Asbestos Type 2 insulation attached and dispose of same in designated landfill;
- demolish concrete foundation and dispose of material in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

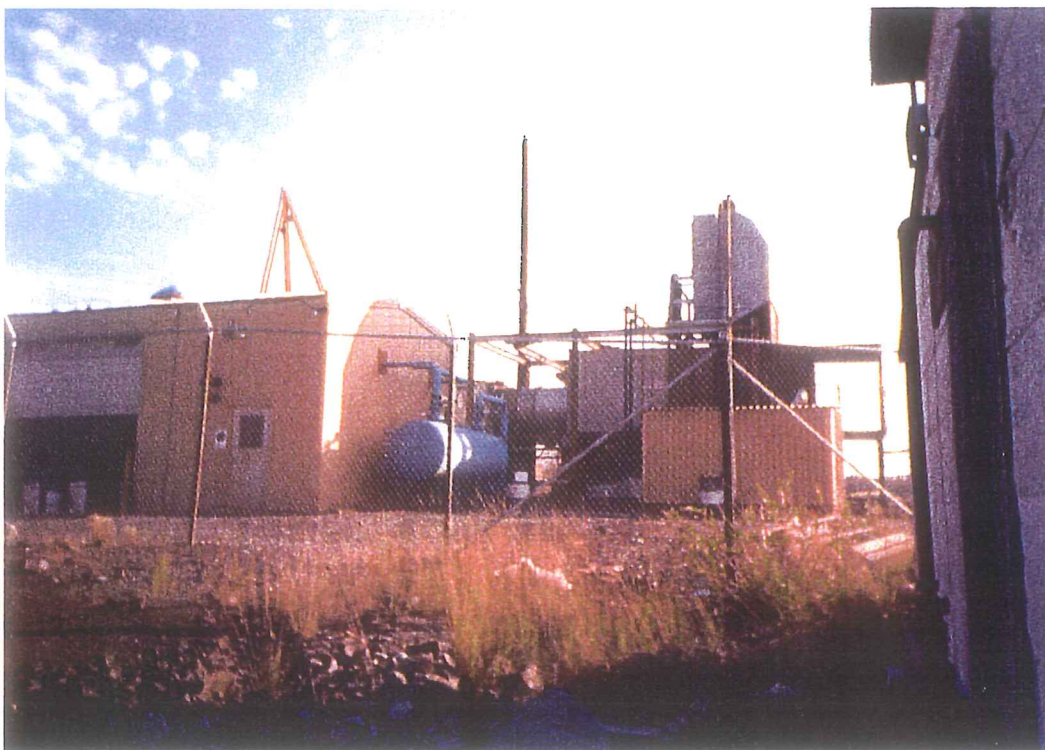
- Asbestos Type 1
- Asbestos Type 2
- Possible PCBs
- Possible stored hydrocarbons

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- measures must be taken to ensure that Asbestos Type 2 insulation attached to siding, roofing and steel is not allowed to escape into the environment during the demolition and transportation of same; and
- enforce safe working habits for demolition type projects.

G3
"B" PITS

"B-1" VENT RAISE COMPLEX



Vent Raise Steel Super Structure with
Electrical Room in Foreground Rt



B-1 Vent Raise Ventilation Fans
Steel Super Structure Vent Raise

Use

- underground ventilation

Construction

- steel super structure; exhaust fans; large piping; and shaft entrance.

Size

- undetermined

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any equipment or items deemed salvageable assets and transport to designated site within mine property;
- provide temporary cover and barricade off shaft openings;
- completely drain all equipment of hydrocarbons, properly contain and ship off site;
- demolish the structure using mechanical means and dispose of all materials in designated landfill;
- construct permanent poured-in-place concrete shaft caps as per standard specifications; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Hydrocarbons
- Shaft Capping

Health & Safety Issues

- workers to wear Class "D" as minimum protection;
- enforce safe and proper practices for handling and disposing of hydrocarbons;
- enforce safe work practices for working around open holes; and
- enforce safe work practices for demolition type projects.

**"B-1" VENT SHAFT
NEW COMPRESSOR BUILDING**



Use

- supplies air for underground ventilation

Construction

- Butler Type steel building; steel frame; steel siding & roof; double walled; fiberglass insulation; concrete floor & foundation; heavy machinery; and perimeter chain link fence.

Size

- 12.8 m x 6.1 m x 6.1 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove all machinery and items deemed salvageable and transport to designated site within mine property;
- remove chain link fence and dispose of same in designated landfill;
- check manufacturers' dates and labels on fluorescent light ballast for possible PCBs;
- if identified, then remove, place in proper containers and ship off site;
- if not removed by owner, then completely drain all hydrocarbons from compressors and associated equipment including fuel tank, properly contain and ship off site;

- if not removed by owner, then remove all equipment and machinery from building and dispose of in designated landfill;
- dismantle all interior steel siding and ceiling panels and dispose of same in designated landfill;
- remove all insulation and dispose of same in designated landfill;
- dismantle outer layer of steel roof and siding and dispose of same in designated landfill;
- dismantle steel frame work and dispose of same in designated landfill;
- demolish concrete floor and foundations and dispose of same in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Suspect PCBs
- Hydrocarbons
- Heavy Equipment

Health & Safety Issues

- workers to wear Class "D" as minimum protection;
- enforce safe and proper handling of hydrocarbons; and
- enforce safe work practices for demolition type projects.

"B-1" VENT SHAFT



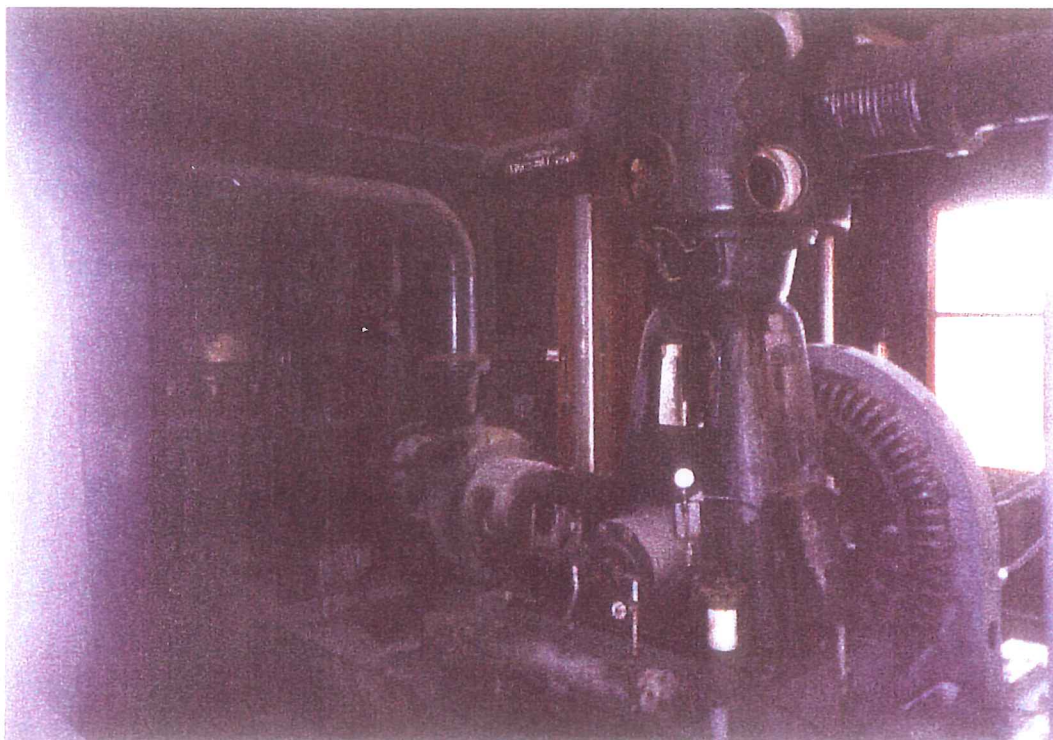
Old Compressor Building



Baker Creek Adjacent to the Old Compressor Building



Interior of Old Compressor Building
Asbestos Type 1 Panels



Interior of Old Compressor Building

Use

- abandoned

Construction

- 1-storey wood frame structure; concrete foundation & floor; pitch felt roof; Asbestos Type 1 panels on interior walls; heavy equipment; electrical equipment; and marine environment.

Size

- 11.0 m x 6.1 m x 4.9 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any equipment or items deemed salvageable and transport to designated site within mine property;
- check manufacturers' dates and labels on fluorescent ballast and capacitors located in the electrical equipment for suspect PCBs;
- if identified, then remove, properly contain and ship off site;
- check electrical equipment for mercury switches; if identified, then remove, contain properly and ship off site;
- completely drain all equipment and machinery of hydrocarbons, properly contain and ship off site;
- remove Asbestos Type 1 from interior, store in proper containers and dispose of in designated landfill;
- demolish building using mechanical means and dispose of material in designated landfill;
- remove heavy equipment and machinery and dispose of in designated landfill;
- demolish concrete foundations and footings and dispose of material in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Suspect PCBs
- Suspect Mercury
- Asbestos Type 1
- Hydrocarbons
- Marine Environment
- Heavy Equipment
- Electrical Equipment

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- protective measures must be taken to protect Baker Creek from any and all pollution which might result from demolition of building;
- enforce safe and proper handling and disposal practices for PCBs, mercury, Asbestos Type 1 and hydrocarbons; and
- enforce safe work practices for demolition type projects.

**"B-1" VENT SHAFT
ELECTRICAL SUB-STATION**



Electrical Sub-Station – Switch Gear Building

Use

- electrical power grid

Construction

- single-storey wood frame building; fiberglass insulation; concrete slab foundation; concrete pedestals; wood fence; chain link fence; transformers; and wood poles and electrical apparatus.

Size

- Building (6.1 m x 3.05 m x 3.7 m H)

Work Plan

- owner shall arrange for station to be taken off power grid and de-energize;
- owner may remove any equipment or items deemed salvageable assets and transport to designated site within mine property;
- take sample of liquid from transformers and send to lab for analysis; check for PCBs;
- properly drain, store transformer fluids and ship off site as per lab results;
- check electrical equipment for capacitors that might contain PCBs;
- if identified, then remove, properly contain and ship off site;
- dismantle perimeter fence and dispose of in designated landfill;
- dismantle power line poles c/w electrical apparatus and dispose of in designated landfill;
- remove transformers and dispose of in designated landfill;
- demolish switch gear building using mechanical means and dispose of all material in designated landfill;
- demolish all concrete foundations and pedestals and dispose of material in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Suspect PCBs
- Hydrocarbons

Health & Safety Issues

- all workers to wear Class "D" as minimum protection;
- enforce safe and proper work practices for the handling and shipping of hydrocarbons;
- enforce safe work practices for the handling Shipping of PCBs; and
- enforce safe and proper work practices for demolition type projects.

"B-1" VENT SHAFT PROPANE STORAGE TANK



Use

- propane storage

Construction

- large propane tank mounted on concrete pedestals; and steel post snow break structure.

Work Plan

- owner to arrange with gas supplier to de-energize and remove tank from site;
- demolish all concrete pedestals and dispose of material in designated landfill;
- dismantle all snow break structure and dispose of in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Propane Gas
- Propane residue Vapour

Health & Safety Issues

- workers to wear Class "D" as minimum protection;
- take measures to provide proper ventilation;
- in order to prevent the accumulation of propane gas vapour NO SMOKING; and
- enforce safe work practices for demolition type projects.

**"B-3" VENT PLANT
COMPRESSOR BUILDING**

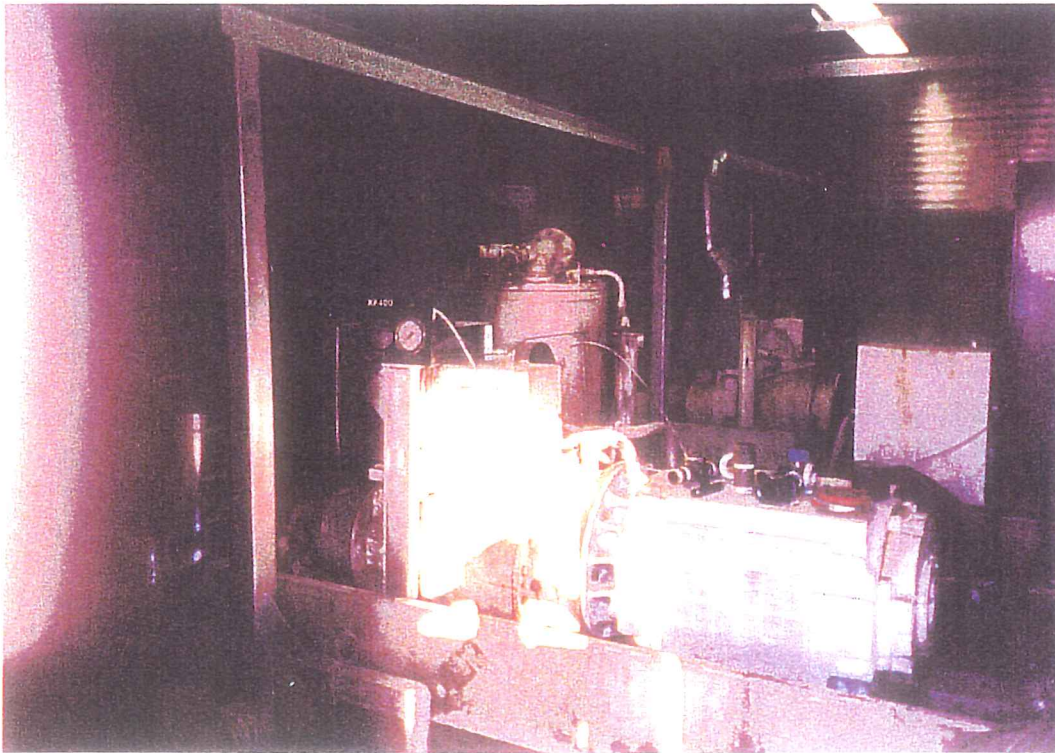


West View of Complex



Interior Compressor Building

GAIA Contractors



Interior Compressor Building

Use

- provides air for underground

Construction

- Butler type building; steel frame; steel siding and roof; double walled; fibreglass insulation; concrete floor and foundation; electrical equipment; and heavy machinery.

Size

- 9.1 m x 7.9 m x 3.05 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any equipment or items deemed salvageable and transport to designated site within mine property;
- check manufacturer's date and labels on fluorescent light ballast, suspect PCB's;
- check electrical switchgear for capacitors with PCBs and mercury switches;
- if identified, then remove, properly contain and ship off site
- drain compressors completely of hydrocarbons, properly contain and ship off site;

GAIA Contractors

- remove heavy equipment and electrical equipment and dispose of in designated landfill;
- dismantle and remove interior steel siding and dispose of same in designated landfill;
- remove Insulation and dispose of same in designated landfill;
- dismantle steel roof and siding and dispose of same in designated landfill;
- dismantle steel frame and dispose of same in designated landfill;
- demolish Concrete floor and concrete foundation and dispose of same in designated landfill;
and
- clean up, grade site and leave in an orderly manner.

Special Items

- Suspect PCBs
- Suspect mercury
- Hydrocarbons
- Electrical equipment
- Heavy machinery

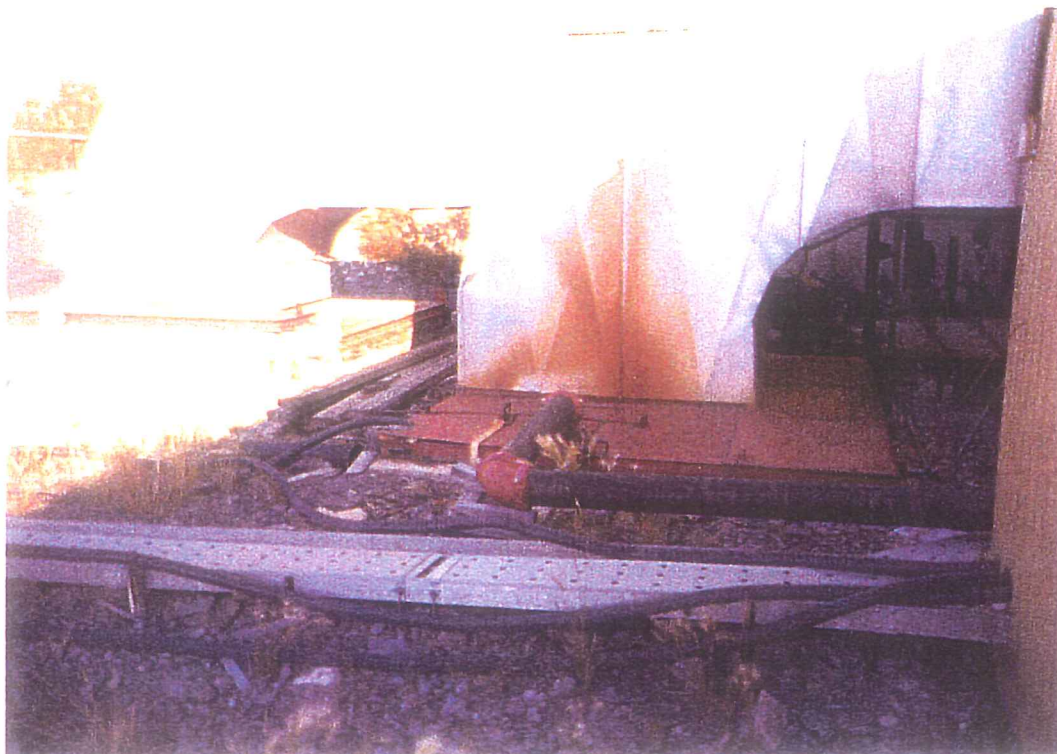
Health & Safety Issues

- workers to wear Class "D" as minimum protection;
- enforce safe and proper handling and storage procedures for hydrocarbons; and
- enforce safe work practices for demolition type projects.

**"B-3" VENT SHAFT
FAN HOUSING AND VENTILATION STRUCTURE**



Southwest View



Fan and Housing Ventilation Showing Shaft Locations

Use

- supplies underground ventilation

Construction

- steel fan housings; structural steel; large piping; ventilation fans; and shaft openings.

Size

- undetermined

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove all items or equipment deemed salvageable and transport to designated site within mine property;
- drain all equipment completely of hydrocarbons, store in proper containers and ship off site;
- dismantle all steel structures and associated apparatus and dispose of in designated landfill;
- demolish all concrete foundations and pedestals and dispose of in designated landfill;
- remove steel covers over open shafts and construct 2 permanent poured-in-place concrete shaft caps as per standard specifications; and
- clean up, grade and leave site in an orderly manner.

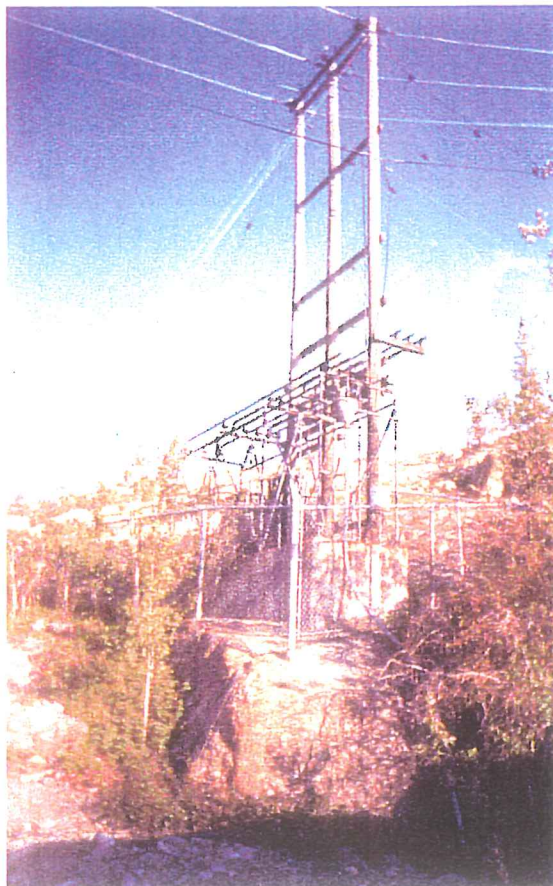
Special Items

- Shaft Capping
- Hydrocarbons

Health & Safety Issues

- workers to wear Class "D" as minimum Protection;
- enforce safe work practices when working around open holes; and
- enforce safe work practices for demolition type projects.

**"B-3" VENT SHAFT
HYDRO TRANSFORMER STATIONS (2)**



Use

- supplies hydro from grid

Construction

- hydro transformers; hydro poles; associated electrical apparatus; concrete foundations & pedestals; and perimeter chain link fencing.

Size

- undetermined

Work Plan

- owner shall de-energize stations from local power grid;
- owner may remove any items or equipment deemed salvageable;
- take fluid samples from each transformer and send to lab to check for PCBs;

- drain all transformers into proper containers and ship all hydrocarbons off site as per lab results;
- dismantle perimeter fence and dispose of same in designated landfill;
- dismantle all poles and associated electrical apparatus and dispose of same in designated landfill;
- remove transformers and dispose of same in designated landfill;
- demolish all concrete foundations and pedestals and dispose of material in designated landfill; and
- clean up, grade and leave site in an orderly manner.

Special Items

- Suspect PCBs
- Hydrocarbons

Health & Safety Issues

- workers to wear Class "D" as minimum protection;
- enforce safe handling practices for hydrocarbons; and
- enforce safe work practices for demolition type projects.

"B-3" VENT SHAFT OLD COLLAR HOUSE



Use

- abandoned

Construction

- single-storey frame building; Asbestos Type 1 panels on interior; concrete floor with embedded railway tracks; and pitch felt roof.

Size

- 5.5 m x 2.4 m x 3.05 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any items deemed salvageable and transport to designated site within mine property;
- remove Asbestos Type 1 panelling from interior, store in proper containers and dispose of same in designated landfill;
- demolish building using mechanical means and dispose of material in designated landfill;
- demolish concrete foundations and floor including the removal of railway tracks and dispose of material in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Asbestos Type 1

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection; and
- enforce safe work practices for demolition type projects.

"B-3" VENT PLANT STORAGE SHED



Use

- storage of materials

Construction

- wood frame building; steel siding and roof; double walled; fibreglass insulation; and concrete slab foundation.

Size

- 3.05 m x 2.4 m x 2.4 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any items deemed salvageable and transport to designated area within mine site;
- dismantle interior steel siding and ceiling (optional);
- remove insulation and store in containers (optional);
- dismantle exterior steel roofing and siding (optional);
- demolish remainder of structure using mechanical means and dispose of all materials in designated landfill;
- demolish concrete foundation and dispose of material in designated landfill; and
- clean up, grade and leave site in an orderly manner.

Special Items

- no known hazards

Health & Safety Issues

- all workers to wear Class "D" as minimum protection.

G4
"C" PITS

**"C-1" PIT
HOUSE #210**



Use

- abandoned

Construction

- single-storey frame house; and asphalt shingles.

Size

- 12.2 m x 9.8 m x 3.7 m H

Work Plan

- move or demolish using mechanical means;
- if demolishing, dispose of all material in designated landfill.

Special Items

- No known hazards

Health & Safety Issues

- all workers to wear Class "D" as minimum protection; and
- enforce safe work practices for demolition type projects.

**"C-1" PIT
BUILDING #017
SERVICE BUILDING**



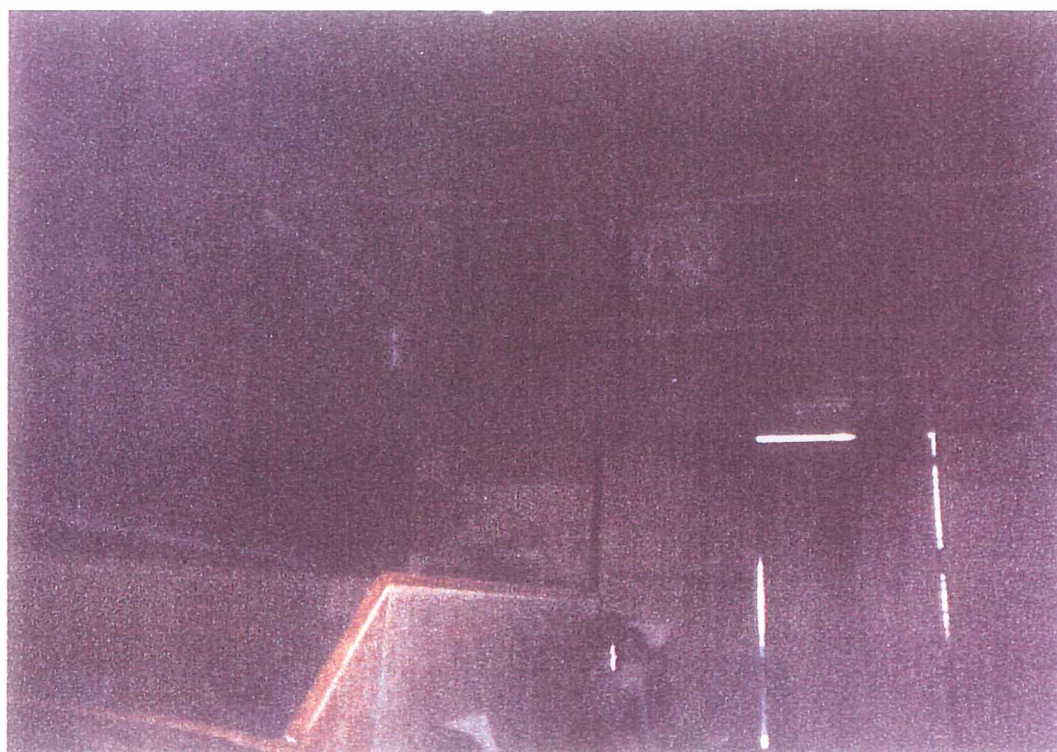
Looking East



"C-1" Pit Service Building Looking South



Miscellaneous Debris in "C-1" Pit



Interior of Building



Wooden Sump



Debris in "C-1" Pit

GAIA Contractors

Use

- abandoned

Construction

- wood frame; steel siding & steel roof; dirt floor; and wood foundation.

Size

- 18.3 m x 8.5 m x 4.9 m H + 3.7 m x 2.4 m x 2.4 m H (wood out-building)

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any items deemed salvageable and transport them to a designated site within mine property;
- identify and, if located, drain any hydrocarbons into proper containers and ship off site;
- demolish building using mechanical means and dispose of material in designated landfill;
- demolish wood sump and dispose of material in designated landfill;
- back fill sump excavation with approved material to grade of original ground;
- clean up debris and material in pit area of building and dispose of same in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Assorted oil barrels and tanks (contents unknown)

Health & Safety Issues

- all workers to wear Class "D" as minimum protection; and
- enforce safe work practices for demolition type projects.

**"C-1" PIT AREA
SUB STATION**



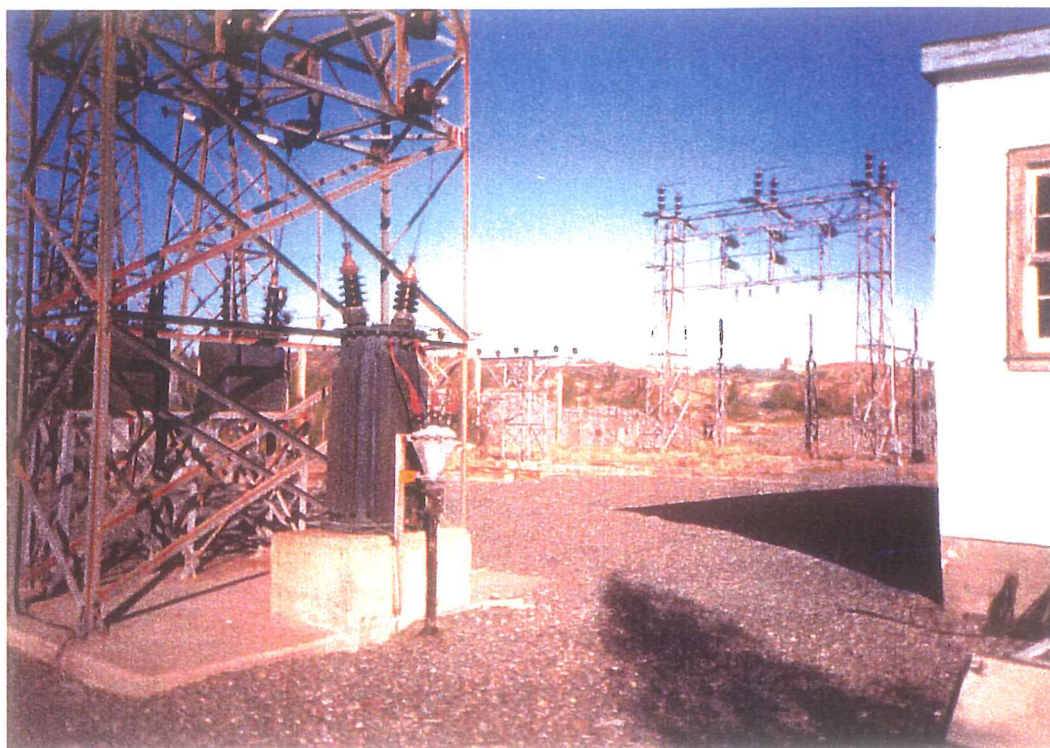
Looking West



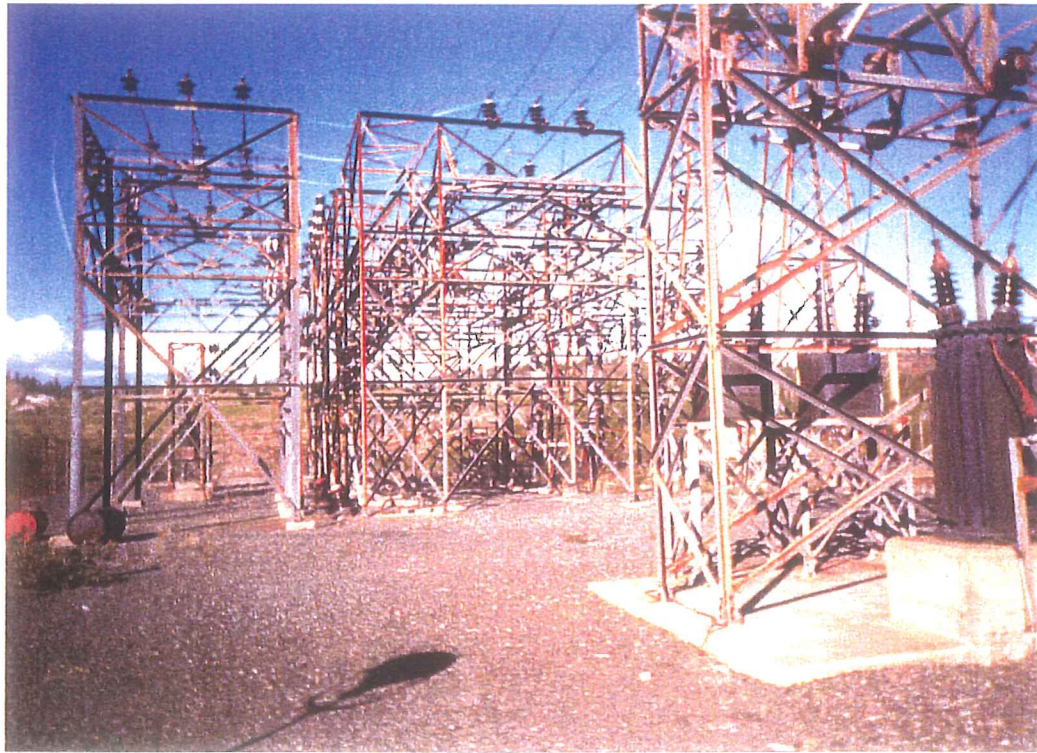
Sub Station Building Exterior



Interior Showing Electrical Equipment and
Asbestos Type 1 Panelling



Sub Station Yard Looking West



Sub Station Yard Looking East

Use

- abandoned electrical power station

Construction

- single-storey wood structure; felt pitch roof; concrete floor & foundation; Asbestos Type 1 panelling on interior walls & ceiling; fiberglass insulation; electrical switching equipment; structural steel & electrical apparatus; transformers; concrete pedestals and perimeter chain link fence.

Size

- 14.0 m x 3.7 m x 3.05 m H (Building)

Work Plan

- owner shall locate and de-energize all utilities attached to the station;
- owner may remove any items deemed salvageable and transport to designated site within mine property;
- take sample of transformer fluids and send to lab for testing for possible PCBs;
- completely drain transformers of fluids, properly contain and ship off site, as per testing results;
- check electrical equipment for capacitors possibly containing PCBs and for mercury switches;

- if identified, then remove, properly contain and ship off site;
- identify any hydrocarbons stored on site, sample for testing for possible PCBs; properly contain and ship off site, as per test results;
- remove electrical equipment and dispose of in designated landfill;
- remove Asbestos Type 1 panels from interior, place in proper containers and dispose of in designated landfill;
- demolish building using mechanical means and dispose of material in designated landfill;
- dismantle structural steel and electrical apparatus and dispose of material in designated landfill;
- remove transformers and dispose of same in designated landfill;
- demolish all concrete foundations and pedestals and dispose of material in designated landfill;
- dismantle perimeter fence and dispose of in designated landfill; and
- clean up, grade and leave site in an orderly manner.

Special Items

- Possible PCBs
- Possible mercury
- Asbestos Type 1

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- enforce safe and proper handling practices for hydrocarbons, mercury and Asbestos Type 1; and
- enforce safe work practices for demolition type projects.

G5
"C" SHAFT

**"C" SHAFT
BUILDING #166
"C" DRY**



Looking Southwest



West End of Building

GAIA Contractors

Use

- site security office
- health & safety office

Construction

- 2-storey frame structure; pitch felt roof; concrete foundation; full basement; concrete vaults; Asbestos Type 1; and Asbestos Type 2.

Size

- 30.0 m x 12.4 m x 9.3 m H
- concrete vaults: (4.3 m x 3.7 m x 2.4 m H) x 2 vaults
- walls are .5 m thick

Work Scope

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove all items deemed salvageable and transport to designated site within mine site;
- check manufacturers' dates and labels on ballast of fluorescent lights for possible PCBs;
- remove Asbestos Type 2 Pipe wrap, place in proper containers and dispose of in designated landfill;
- remove Asbestos Type 1 panels from interior, place in proper containers and dispose in designated landfill;
- demolish building using mechanical means and dispose of material in designated landfill;
- demolish all concrete foundations and concrete structures and dispose of material in designated landfill;
- backfill basement with approved material to original ground level; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Asbestos Type 2 pipe wrap
- Asbestos Type 1 Panelling
- Possible PCBs
- Concrete vaults

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection; and
- enforce safe and proper handling practices for asbestos and PCBs removal; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #155
OFFICE BUILDING LOOKING NORTH**



Northeast View



Office Building Looking South

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove all items and equipment deemed salvageable and transport to designated area within mine site;
- identify and remove any stored hydrocarbons or chemicals, properly contain and ship off site;
- check manufacturers' dates and labels on ballast of fluorescent lights and any capacitors in electrical equipment for possible PCBs;
- if identified, remove, properly contain and ship off site;
- remove electrical equipment from building if not already done so by owner;
- dismantle steel roof and dispose of material in designated landfill (optional);
- remove roofing insulation, package and dispose of same in designated landfill (optional);
- dismantle steel frame and dispose of same in designated landfill (optional);
- demolish remnants of structure using mechanical means and dispose of material in designated landfill; and
- clean up, grade site and leave in an orderly manner.

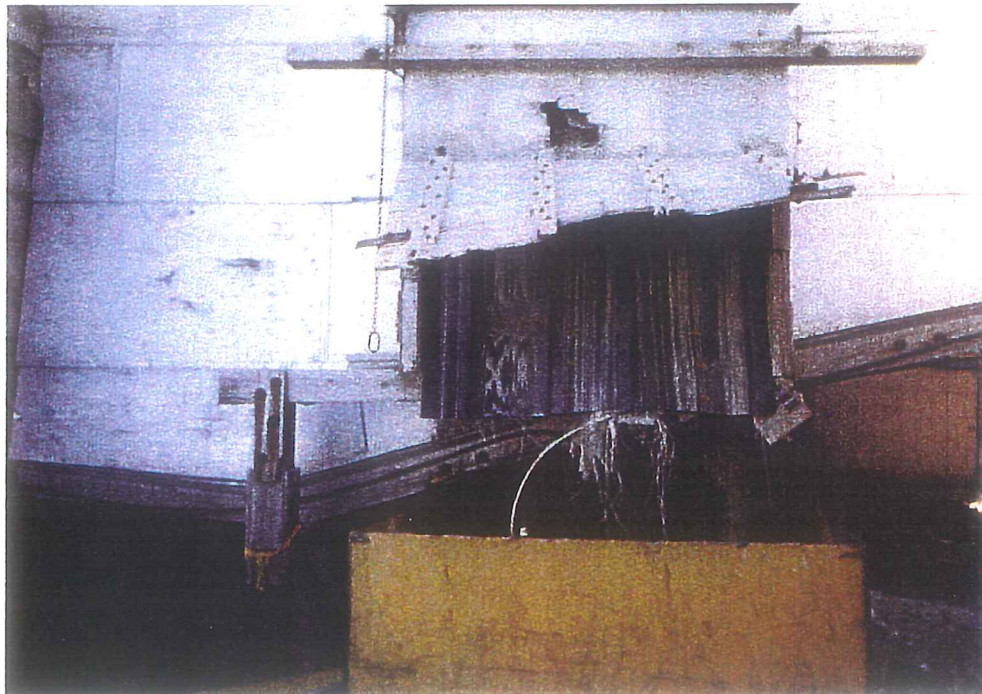
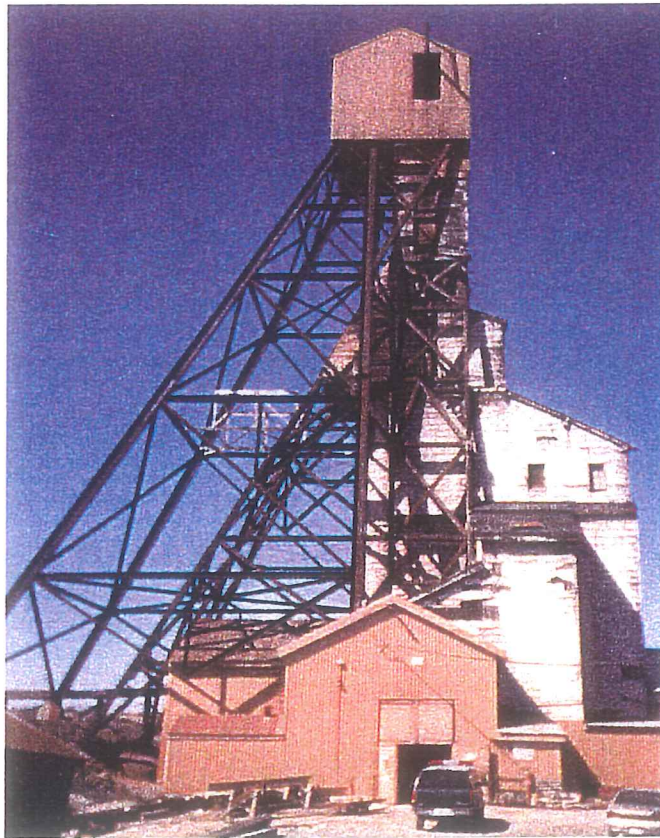
Special Items

- Possible PCBs
- Hydrocarbons
- Electrical equipment

Health & Safety Issues

- workers to wear Class "D" as minimum protection;
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDINGS #116, #123 AND #129
HEAD FRAME**



Steel Scrap Disposal off Feed Conveyor to Crusher House



Head Frame Looking East



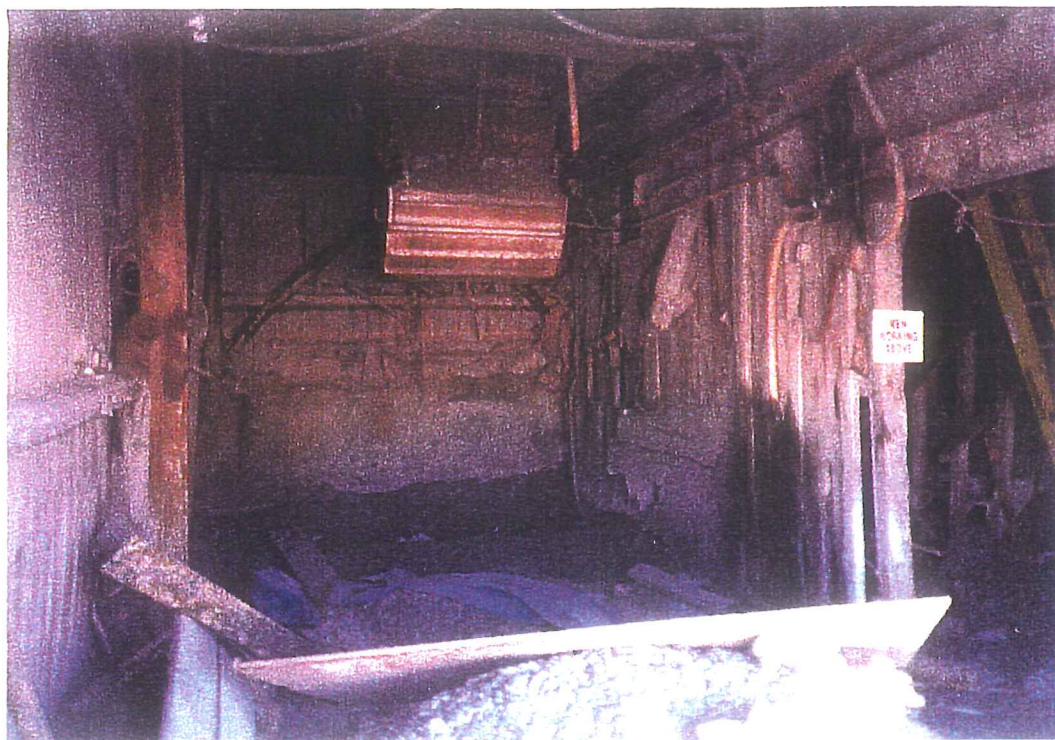
Typical Interior



Typical Interior



Interior Showing Steel Super Structure Support



Ore Load Out Bin



Railway Tracks in Collar House Floor

Use

- supply underground with men and material and bring ore to surface.

Construction

- wood structure; pitch felt roof; some steel siding & steel roof; steel super structure; wood super structure; concrete foundation; railway tracks in concrete floor; 3 compartment shafts complete with hoist; ore bin & conveyor system; and machinery.

Size

- 23.5 m x 12.2 m x 45.7 m H
- wood super structure: 38 m H
- steel super structure: 45 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any items or equipment deemed salvageable and transport to designated area within mine property;
- owner has the right to reclaim any building materials, dust, equipment, or ore residue that the owner suspects might contain gold elements;
- this must be done in a timely fashion as to not impede demolition;
- if not removed, the contractor is to dismantle and remove hoist system from building and place in designated area as directed;
- place temporary cover over shaft opening and secure site;
- check electrical equipment for manufacturers' dates on ballast of fluorescents lights and capacitors for possible PCBs;
- check building for any stored hydrocarbons; if unknown quality, then samples must be taken and sent to a lab for identification;
- remove the hydrocarbons, store properly and ship off site as determined by sample results;
- remove machinery and equipment (optional);
- remove steel roofing (optional);
- remove steel siding (optional);
- demolish lower wooden structures using mechanical means and dispose of all material in designated landfill;
- demolish wooden super structure using mechanical means and dispose of all material in designated landfill;
- dismantle and dispose of steel super structure in designated landfill;
- demolish concrete floor and foundation and remove railway tracks, disposing of all material in designated landfill;
- construction permanent poured in place shaft cap as per regulatory standards over shaft opening; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Elevated arsenic dust levels
- Gold residue
- Open shaft
- Possible PCBs
- Possible mercury
- Possible hydrocarbons

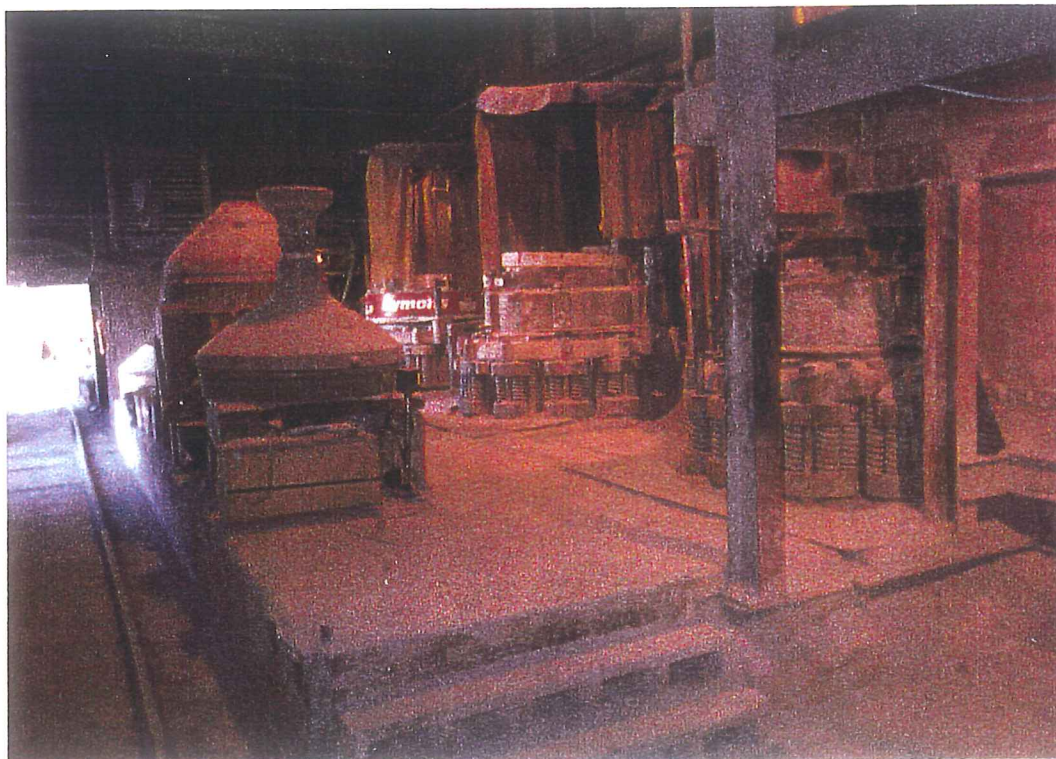
Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- enforce safe handling and storage practices for PCBs, mercury and hydrocarbons;
- enforce safe work practices for working around open shafts;
- enforce good hygiene practices for workers handling demolition materials; and
- enforce safe work practices for demolition type projects.

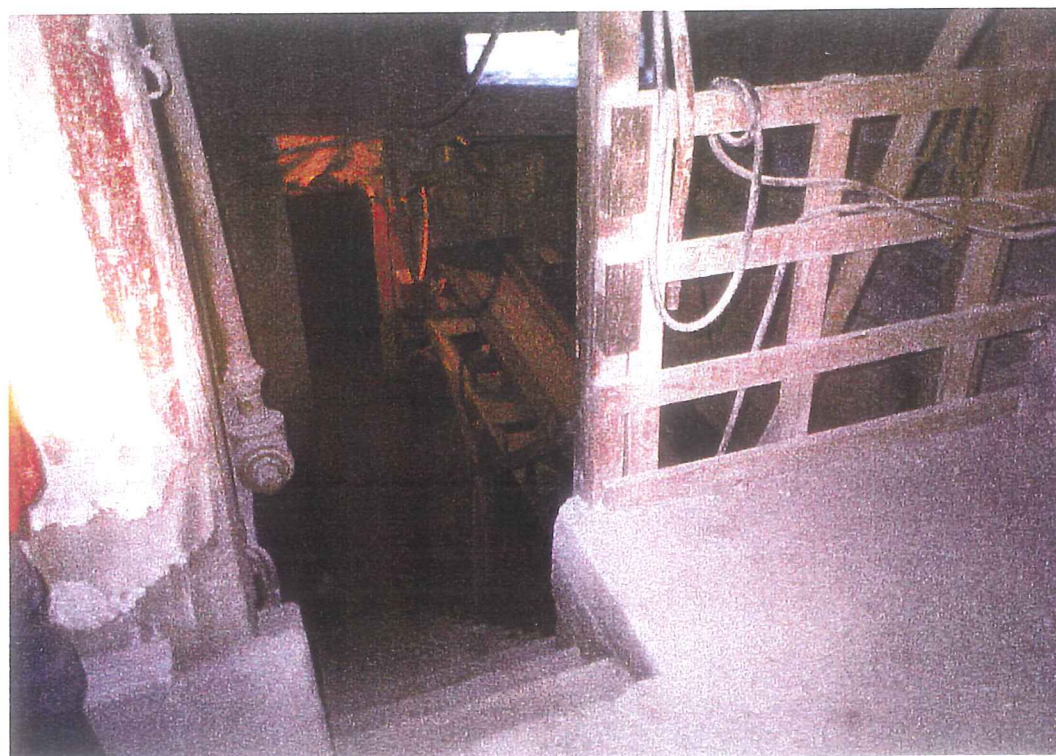
**"C" SHAFT
BUILDING #101
CRUSHER HOUSE**



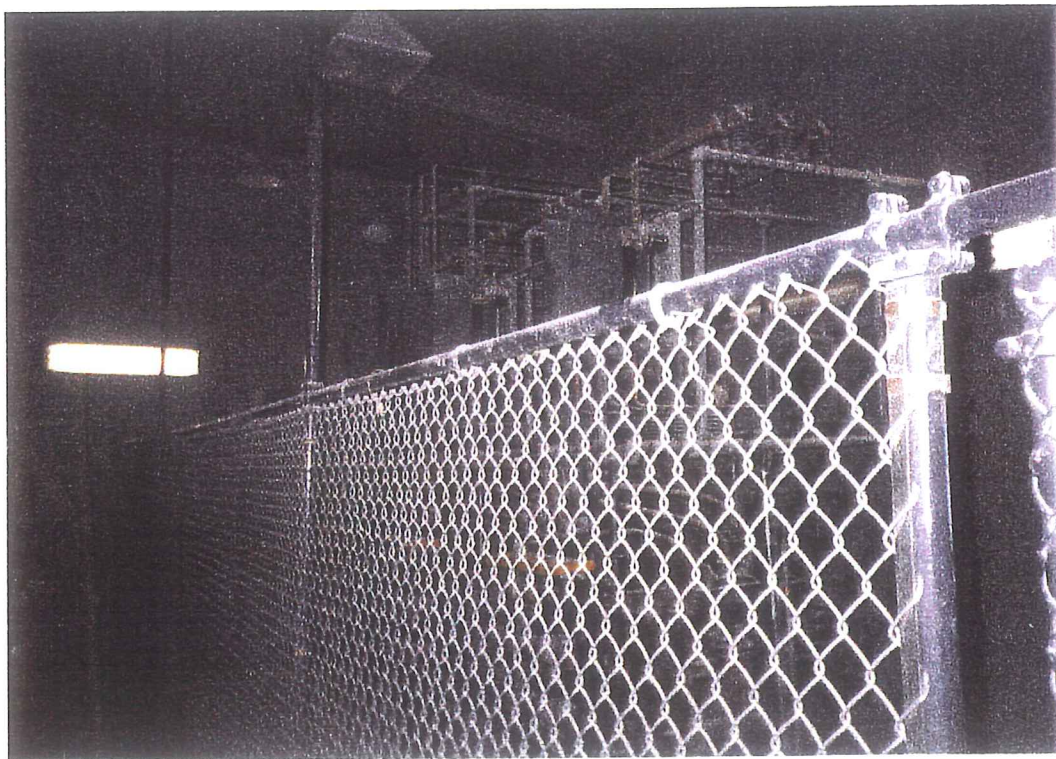
Crusher House Looking West



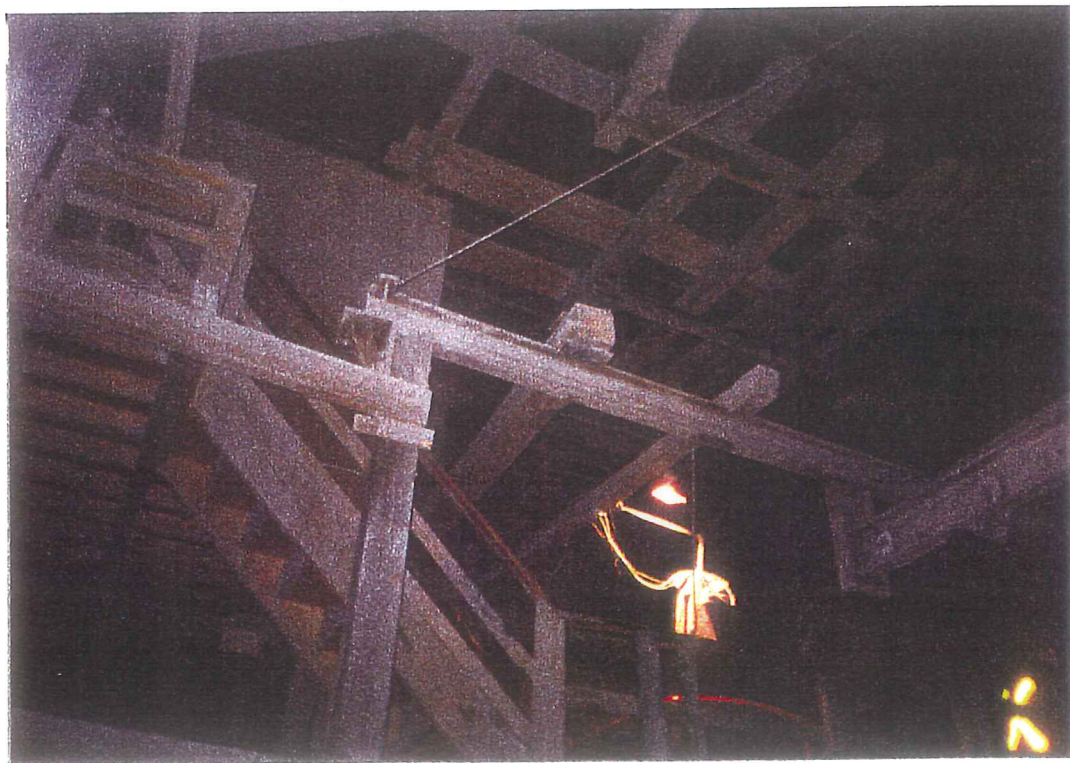
Interior Shows Cone Crushers
and Railway Tracks



Conveyor Feed to Screen House



Electrical Room Showing Asbestos Type 1



Typical Interior Structural

Use

- process underground ore

Construction

- multiple level wooden structure; pitch felt roofs; concrete floor & concrete foundations; concrete pedestals for machinery; electrical equipment; Asbestos Type 1 panelling in electrical room; railway tracks and loading zone; heavy machinery & conveyor belt systems; and mezzanines & ore bins.

Size

- 37.1 m x 14.3 m (average) x 8.2 m H (average)

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any items or equipment deemed salvageable and transport to designated area within mine property;
- owner has the right to reclaim any building materials, equipment, dust or ore residue that the owner suspects to contain elements of gold;
- this must be done in a timely fashion as to not impede demolition schedules;
- check all electrical equipment and apparatus for possible PCBs in capacitors and fluorescent light ballast;
- if identified, then remove, properly contain and ship off site;
- check electrical equipment for mercury switches and, if identified, remove, properly contain and ship off site;
- source all hydrocarbons used in machinery and identify; if unknown, samples of fluid shall be taken and sent to the lab for verification;
- completely drain all machinery and equipment of hydrocarbons, properly contain and ship off site;
- remove electrical equipment and dispose of same in designated landfill;
- remove Asbestos Type 1 panelling and place in proper containers and dispose of same in designated landfill;
- remove equipment or machinery as demolition provides safe access;
- demolish building using mechanical means and dispose of all material in designated landfill;
- demolish concrete flooring, foundations and pedestals including railway removal, disposing of material in designated landfill;
- backfill all below grade openings with approved material up to original ground elevation; and
- clean up, grade site and leave in an orderly manner.

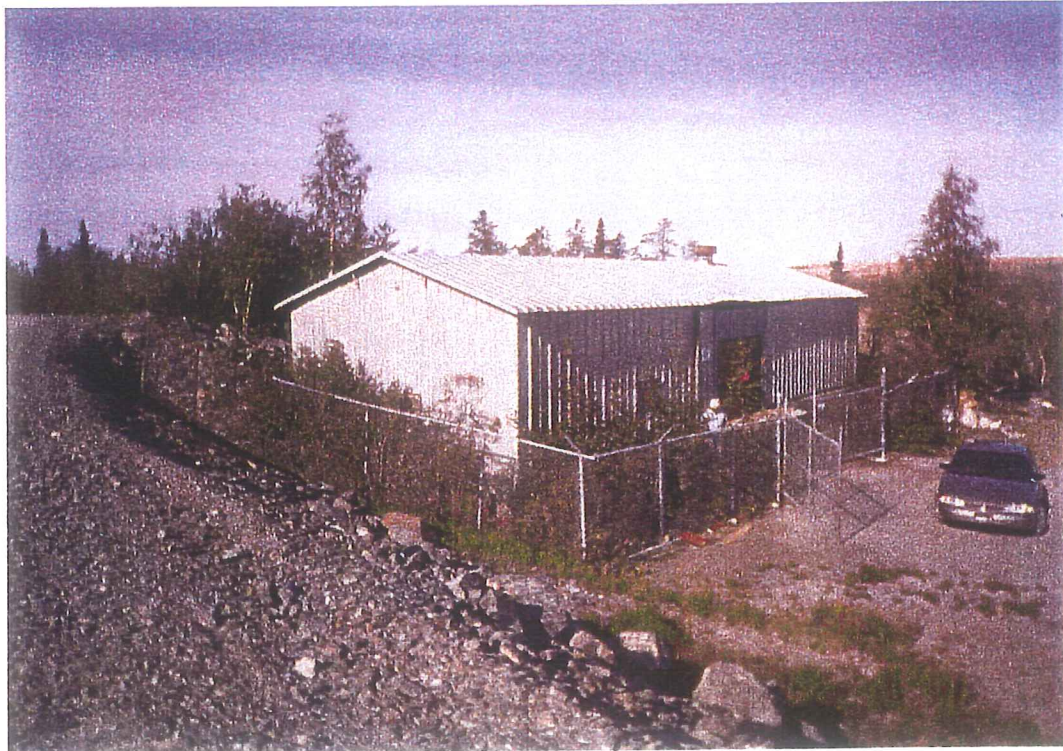
Special Items

- Elevated levels of arsenic dust
- Asbestos Type 1
- Possible PCBs
- Possible mercury
- Hydrocarbons
- Heavy machinery
- Open holes

Health & Safety Issues

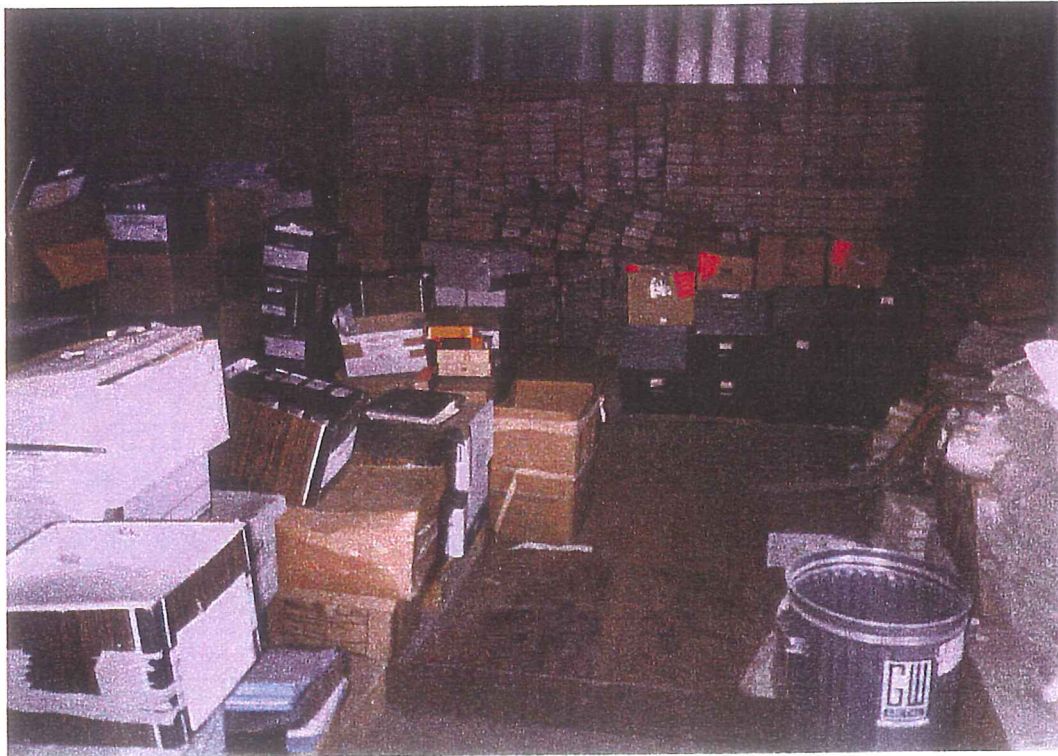
- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- enforce safe handling practices for asbestos, hydrocarbons, PCBs and mercury;
- enforce personal hygiene for workers handling demolition materials;
- enforce safe work practices for working around open holes; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #087
EX POWDER MAGAZINE – EX PCB STORAGE**



Aluminum Siding

GAIA Contractors



Stored Materials in Interior
Steel Plated Floor



Interior Shows Steel Frame
Aluminum Siding & Roofing and Stored Items

GAIA Contractors

Use

- storage for mine files

Construction

- steel frame; aluminum panels on roof; aluminum siding single wall; wood interior; tongue & groove flooring ½ covered with steel plating; insulated with dirt & grain; wood foundation; chain link perimeter fence; and full of mine files.

Size

- 18.3 m x 7.3 m x 4.3 m H

Work Plan

- owner may remove any items or materials deemed salvageable;
- owner shall locate and de-energize all utilities attached to the structure;
- sample plate flooring for PCBs residue and, if positive, then remove, decontaminate completely and dispose of steel in designated landfill;
- collect all liquids used for decontamination and ship off site as directed;
- dismantle and remove chain link fence, disposing of material in designated landfill;
- dismantle aluminum panels from roof (optional);
- dismantle aluminum siding (optional);
- demolish building using mechanical means and dispose of all materials in designated landfill;
- clean up, grade site and leave in an orderly manner.

Special Items

- Possible PCBs
- Decontamination of some materials might be needed

Health & Safety Issues

- workers to wear Class "D" as minimum protection; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #160
ARSENIC LOADING SCALE
COMPLETE WITH ARSENIC STORAGE SILO**



Weigh Scale House

GAIA Contractors



Interior Showing Truck Scale and Debris

Use

- abandoned

Construction

- scale building
 - modular steel building; concrete foundation; and commercial electronic truck scale.
- silo
 - prefabricated steel structure; self contained steel storage silo; steel cover; concrete foundation; electrical control room; Asbestos Type 1 panelling in Control Room; and light machinery.

Size

- scale: 21.3 m x 6.1 m x 4.9 m H
- silo: 20.1 m H x 7.3 m dia.

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any items or equipment deemed salvageable and transport to a designated site within mine property;
- dismantle scale shed and dispose of material in designated landfill;
- remove scale if not already done by owner and dispose of as directed;
- check fluorescent light ballast and electrical equipment for capacitors containing PCBs;
- if identified, remove, properly contain and ship off site;

- remove all Asbestos Type 1 panelling from Control Room, place in proper containers and dispose of same in designated landfill;
- dismantle silo and dispose of material in designated landfill;
- demolish concrete foundations and dispose of material in designated landfill;
- backfill open pit from scale removal with approved material; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Elevated levels of arsenic dust
- Asbestos Type 1
- Confined space (SILO)

Health & Safety Issues

- do not allow any worker to enter the silo which is a confined space;
- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- dismantle silo by mechanical means to eliminate the potential hazard of a confined space; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #110
OLD ROASTER**



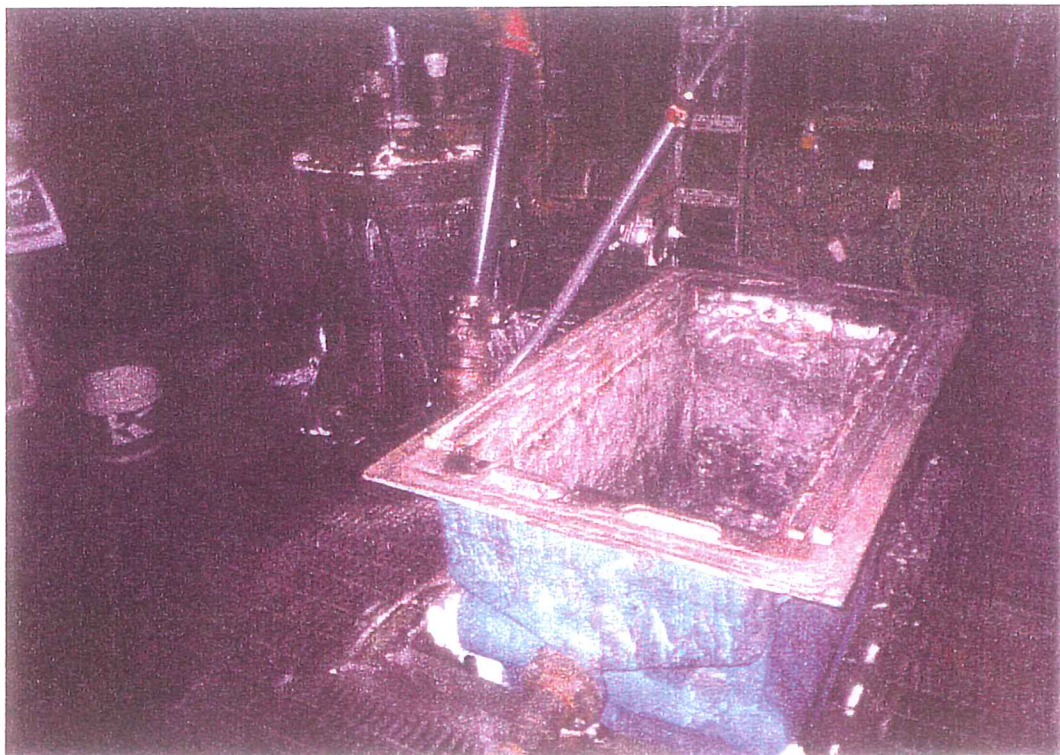
Old Roaster on Left



Old Roaster Looking Southwest



Typical Interior



Chemical Vats



Typical Work Station



Chemical Tanks



Typical Work Station

Use

- abandoned
- some storage

Construction

- multiple level wood structure; pitch felt roof; concrete floor & foundations; concrete pedestals; Asbestos Type 1 panelling; electrical rooms; compressor room; hydro sub station; transformers; chemical tanks & apparatus; heavy equipment & machinery; machine shop; mezzanines; crawl spaces under parts of structure; chain link perimeter fence; and propane tank farm.

Size

- 69.5 m x 20.9 m x (9.1 m H average)

Work Plan

- propane tank to be removed by others;
- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any items or equipment deemed salvageable and transport to designated area within mine property;
- owner has the first right to reclaim any building material, dust, equipment, or ore residue that the owner suspects might contain gold elements;
- locate and identify all chemicals within building by labels or sampling results from labs;
- handle all chemicals in the standard regulatory manner;

- check all manufacturers' dates on fluorescent light ballast and on capacitors on equipment and in switch gear for possible PCBs;
- if identified, remove, properly contain and ship off site;
- check all electrical equipment for possible mercury switches and, if located, remove, properly contain and ship off site;
- take samples of fluid from all transformers and send to lab for testing for possible PCBs;
- drain all transformers completely, store hydrocarbons properly and ship off site as per test results;
- drain all compressors, fuel tanks and other equipment of hydrocarbons, properly contain and ship off site;
- remove all Asbestos Type 1 panelling from electrical & compressor rooms, place in proper containers and dispose of same in designated landfill;
- dismantle and remove perimeter chain link fence, disposing of material in designated landfill;
- remove sub station structural steel and electrical apparatus and dispose of material in designated landfill;
- demolish building using mechanical means and dispose of all material in designated landfill;
- remove heavy equipment and machinery as demolition provides safe access and dispose of as directed;
- demolish all concrete floors, foundations and pedestals and dispose of all material in designated landfill;
- backfill all pits and excavations created by demolition activities with approved backfill material; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Potential for confined spaces
- Elevated levels of arsenic dust
- All materials are impregnated with arsenic
- Chemicals known & unknown on site including cyanide
- Asbestos Type 1
- Possible PCBs
- Possible mercury
- Hydrocarbons

Health & Safety Issues

- do not allow men to work in potential confined space areas;
- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- when dealing with chemical residues, all workers to wear Class "C" complete with chemical vapour respirators as minimum protection;
- enforce safe hygiene practices by workers;
- enforce safe handling practices for asbestos, hydrocarbons, mercury, PCBs and chemicals.

**"C" SHAFT
BUILDING #133
WAREHOUSE #3**



Northwest View



Interior Showing Asbestos Type 1 Panelling - Storage Items and Elevator



Typical Exterior

Use

- storage of small supplies for mining operation.

Construction:

- wood structure; steel roof & siding; concrete floor and partial concrete foundation; full basement; insulated; Asbestos Type 1 on walls and ceilings; some steel plating on floor; and contains elevator.

Size

- 30.8 m x 12.5 m x 7.3 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any items deemed salvageable and transport to designated area within mine property;
- remove all Asbestos Type 1 from interior, store in proper containers and dispose of same in designated landfill;
- demolish building using mechanical means and dispose of all material in designated landfill;
- demolish all concrete footings and foundations, disposing of all materials in designated landfill;
- backfill excavation resulting from demolition with approved material; and
- clean up, grade site and leave in an orderly manner.

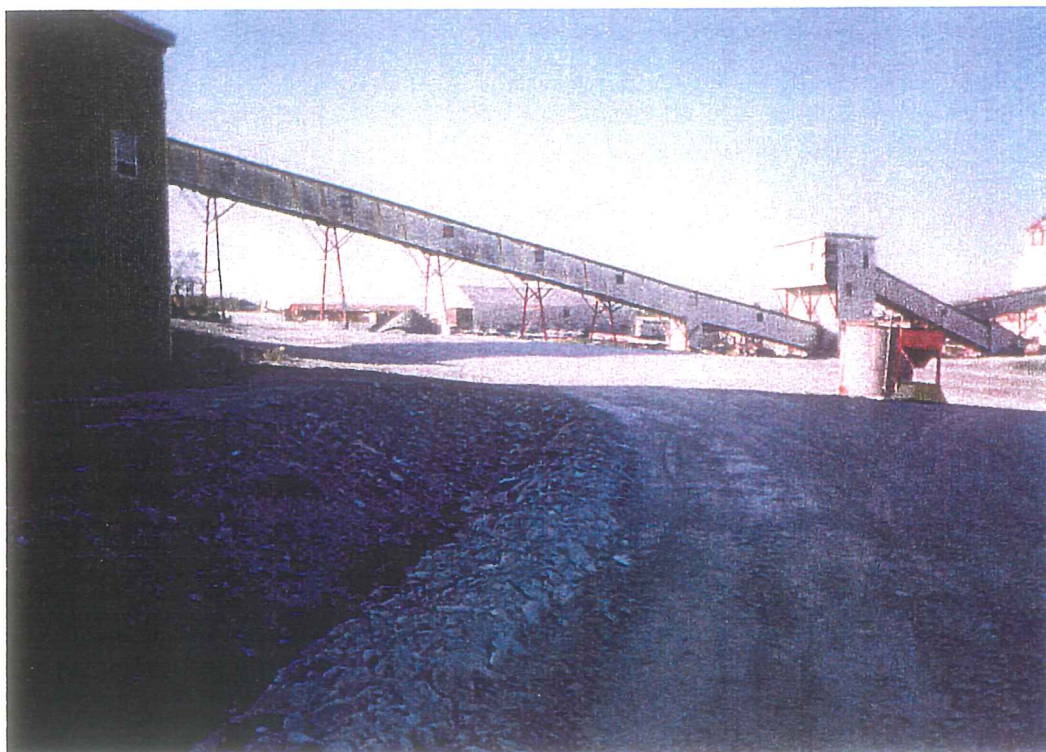
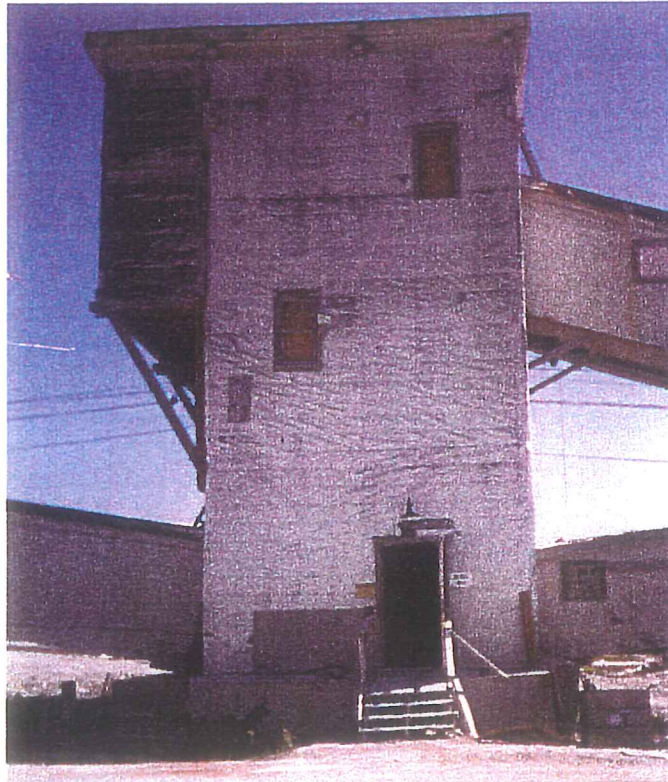
Special Items

- Asbestos Type 1

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #102
SCREEN HOUSE PLUS ENCLOSED CONVEYORS
CONNECTING TO BUILDINGS #101, #102, #106, #108 AND #120**



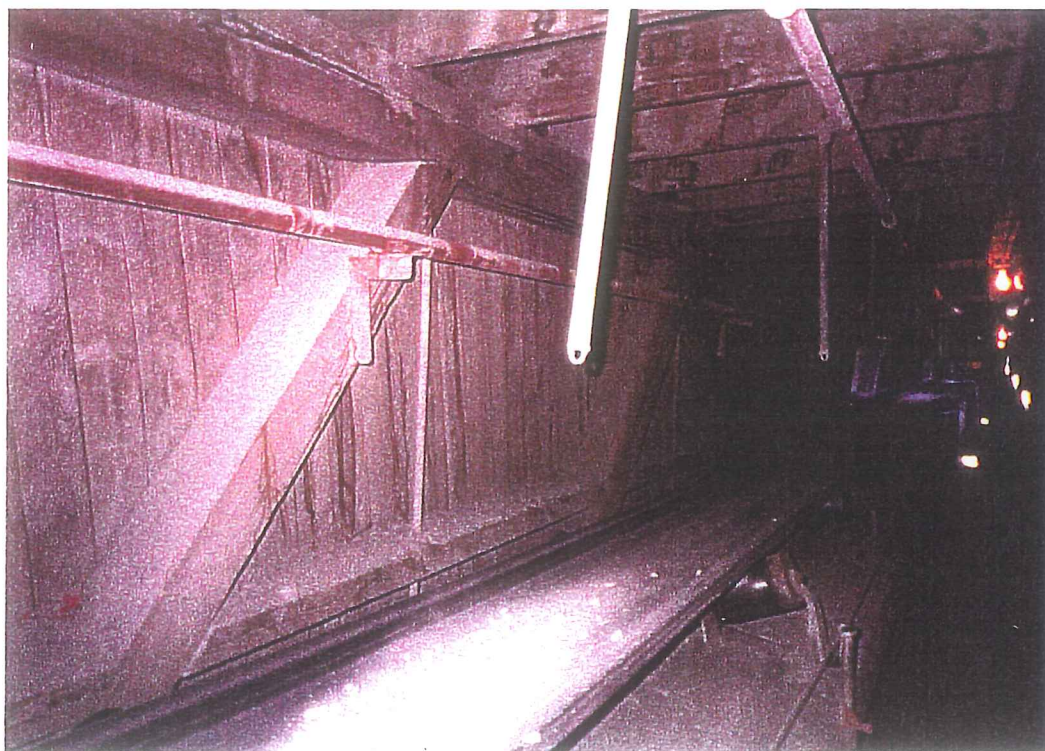
Screen House and Conveyors Looking Southeast



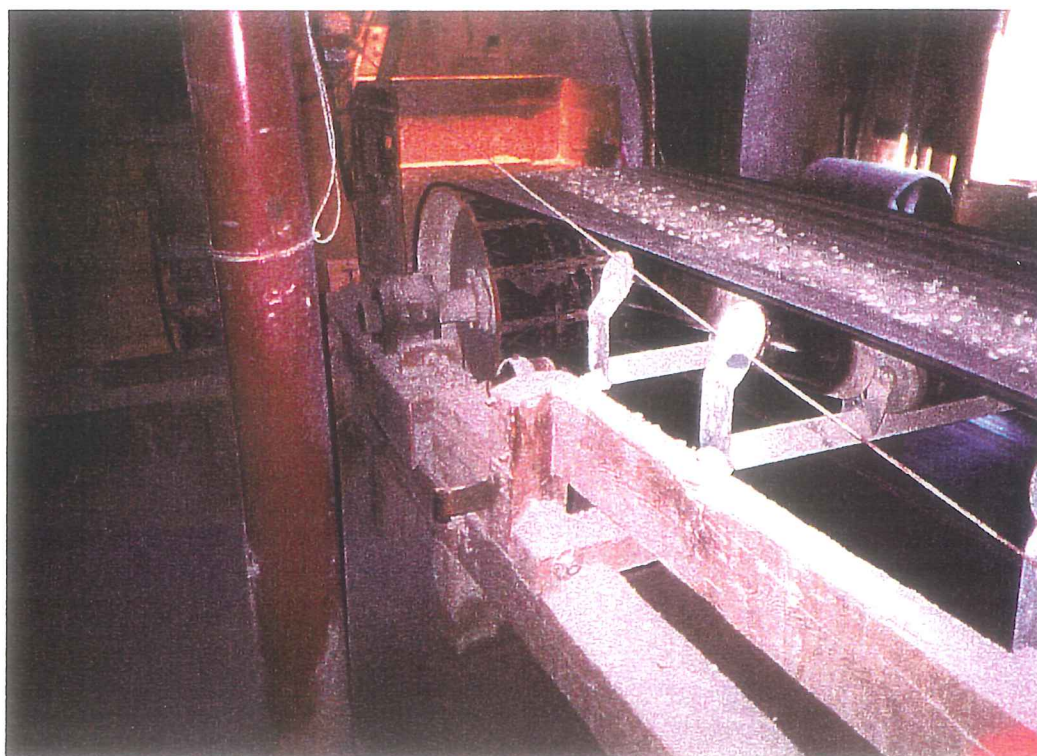
Interior Towards Screen House from Crusher House
(Note: Conveyors are made of Wood)



Upper Screen House Level



Conveyor House Towards Crushed House



End of Conveyor at Screen House

Use

- screens out ore material from crusher for processing in the mill.

Construction

- multiple level wood structure; pitch felt roofs; concrete foundations & footings; wood super structure supporting conveyor ways; and machinery & conveyor belts.

Size

- Screen House: 8.1 m x 6.4 m x 13.4 m H
- Conveyor Houses: 120.4 m x 2.3 x 2.8 m H
52.7 m x 2.3 m x 2.8 m H
27.4 m x 2.3 m x 2.8 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structures;
- owner may remove any items or equipment deemed salvageable and transport to designated site within mine property;
- owner has first right to reclaim any building material, dust, equipment or ore residue that the owner suspects might contain gold elements;
- this is to be done in a timely fashion as to not interrupt demolition schedules;
- check electrical equipment for capacitors which may contain PCBs;
- if identified, then remove, properly contain and ship off site;
- remove conveyor belting and roll up, using mechanical means and dispose of same in designated landfill;
- demolish all concrete foundations and footings and dispose of material in designated landfill; and
- clean up, grade site and leave in an orderly manner.

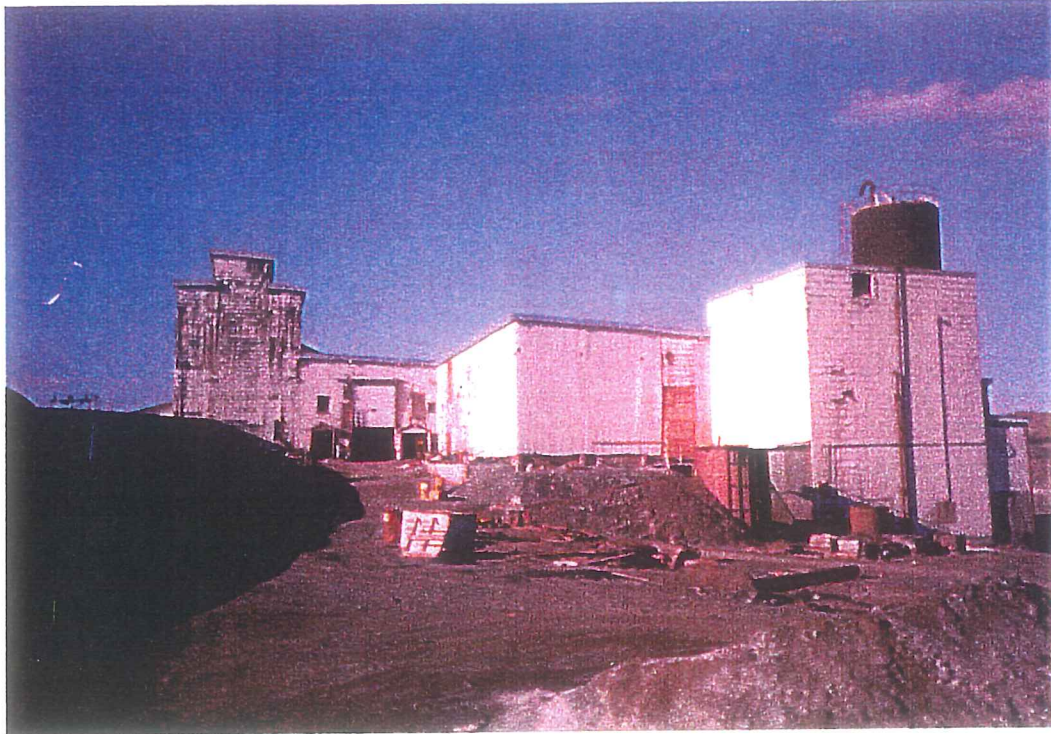
Special Items

- Standing overhead structures
- Elevated levels of arsenic dust

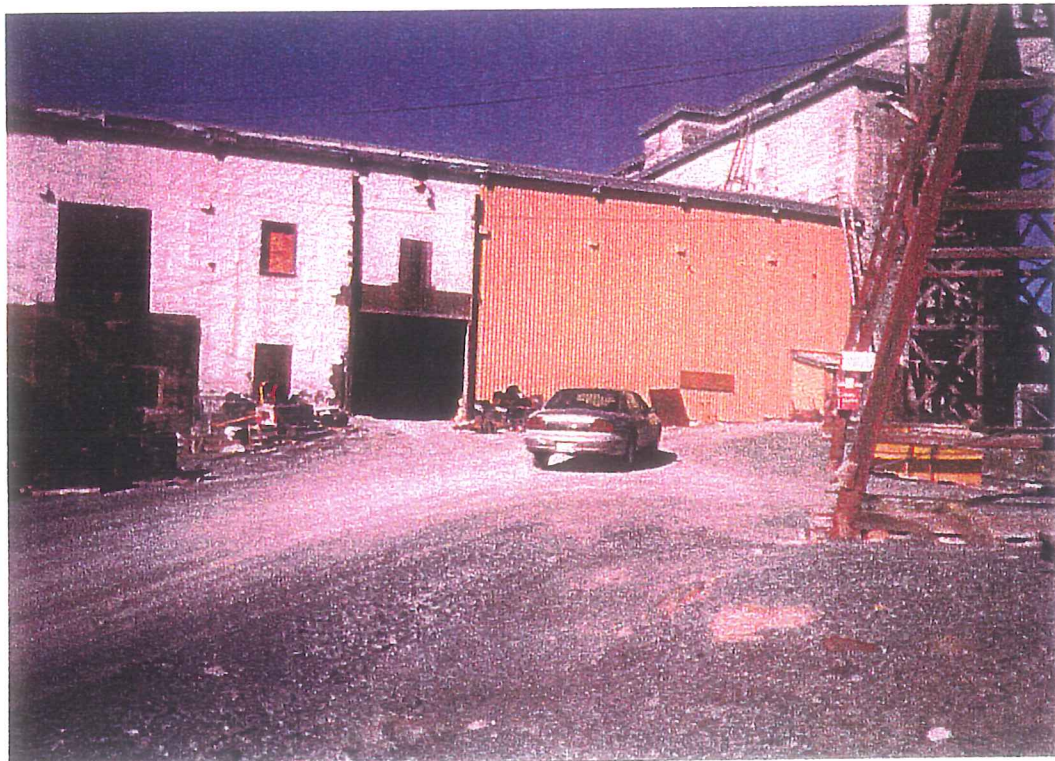
Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection; and
- enforce safe work practices for demolition type projects.

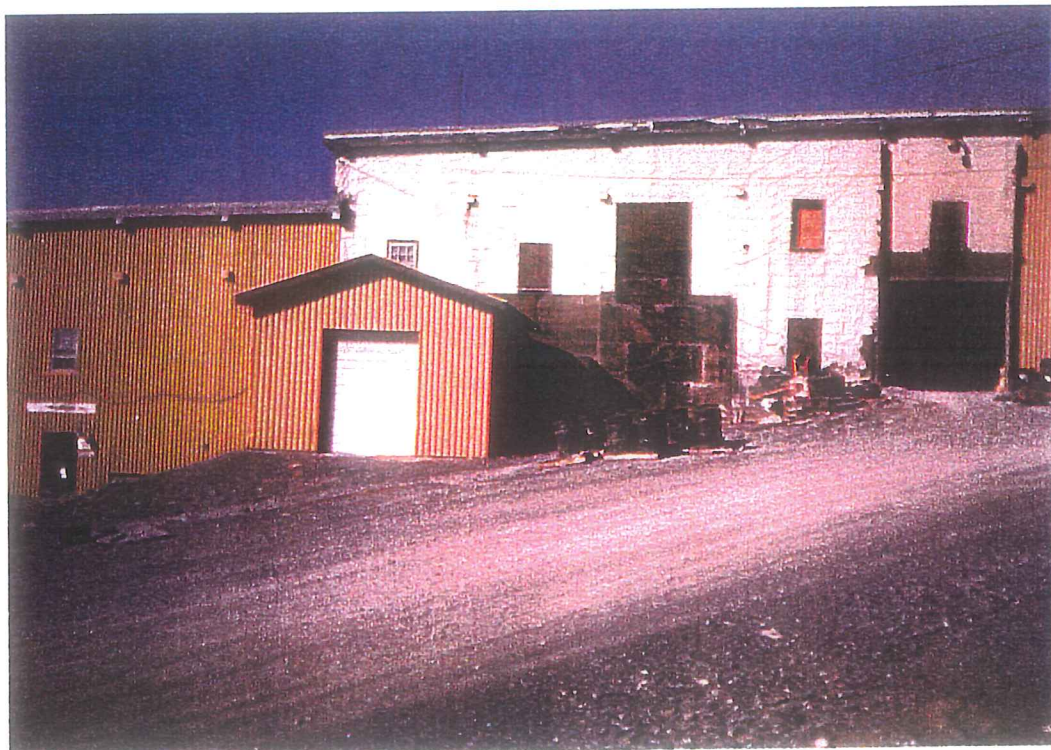
**"C" SHAFT
BUILDINGS #106, #108 AND #120
MILL BUILDING COMPLEX**



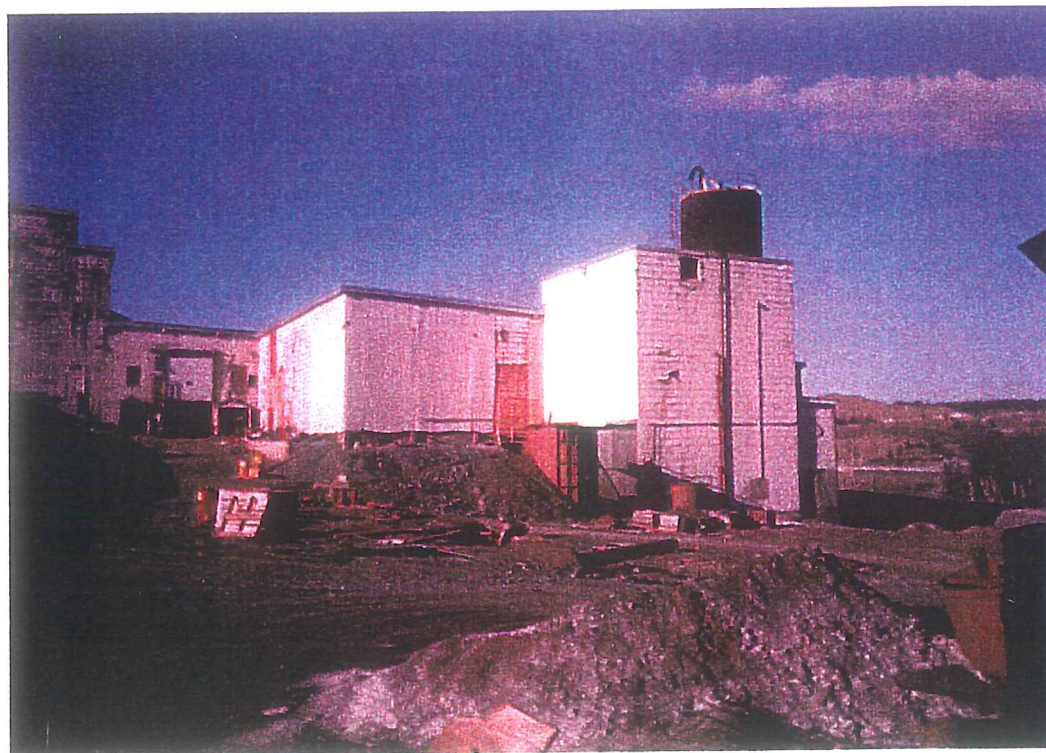
Mill Looking Northwest



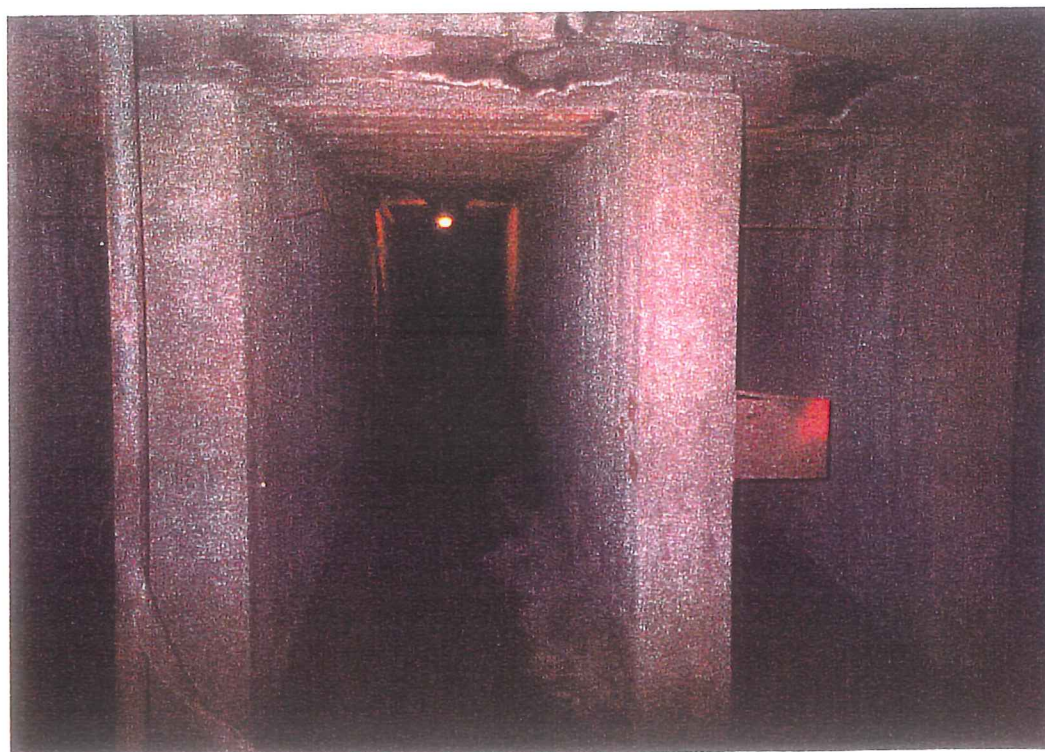
Mill Looking North



Mill Looking North
Note Steel Siding & Wood Siding



Mill Looking Southwest
Showing Exterior Asbestos Siding Type 1 and Lime Silo



Typical Concrete Supports for Tanks



Typical Wood Structure



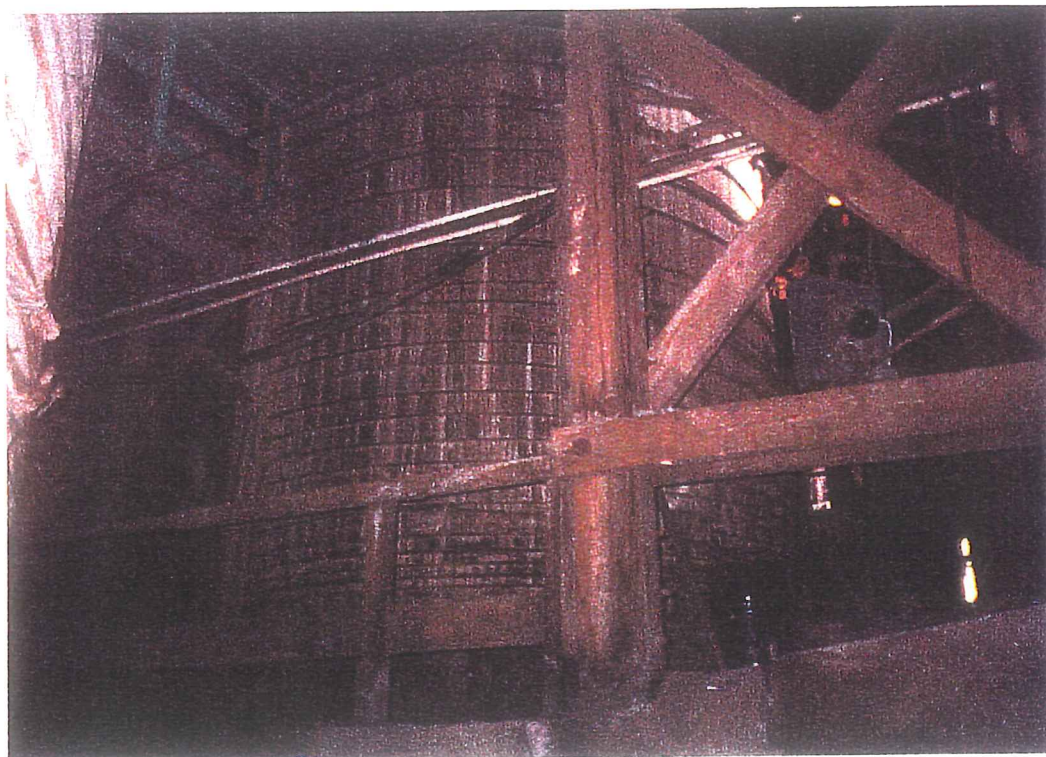
One of Several Ball Mills



Typical Wood Infrastructure



Conveyor to Ore Bins



Typical Ore Bin



Electrical Room Showing Asbestos Type 1 on Walls

Use

- use is minimal

Construction

- multiple level wood structure; partial wood siding; partial steel siding; partial asphalt roof; concrete foundations & floor; concrete pedestals and supports; structural steel; large steel tanks and silos; large wood tanks; heavy processing machinery & equipment; electrical equipment; and Asbestos Type 1.

Size

- 83.8 m x 73.2 m x 17.1 m H
- 15.2 m x 15.2 m x 13.7 m H
- 15.2 m x 15.2 m x 9.1 m H
- 55 m x 6.1 m x 9.1 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any items or equipment deemed salvageable and transport to designated area within mine site;
- owner has first right to reclaim any building materials, dust, equipment, machinery, or ore residue that the owner believes contains elements of gold;
- identify all stored hydrocarbons on site, sampling and testing at lab, if necessary;
- drain all machinery, equipment and tanks of hydrocarbons, properly contain and ship off site;
- check all manufacturers' dates and labels on ballast of fluorescent lights and capacitors, on electrical equipment for possible PCBs;
- if identified, then remove, store properly and ship off site as directed;
- check electrical equipment for mercury switches and, if identified, remove, store properly and ship off site as directed;
- remove all Asbestos Type 1 panelling from all interior rooms of building, store in proper containers and dispose of same in designated landfill;
- dismantle Asbestos Type 1 panelling from exterior of building and dispose of same in designated landfill;
- dismantle all steel roofing and siding and dispose of material in designated landfill (optional);
- remove all conveyor belts, roll up and dispose of same in designated landfill;
- demolish building using mechanical means and dispose of all material in designated landfill;
- remove heavy equipment and machinery once safe access is made available by the demolition process and dispose of as directed;
- all steel tanks, containers and silos must be cut up for placement purposes in landfill;
- demolish all concrete foundations, footings, pedestals, supports and floors and dispose of all material in designated landfill;
- backfill any pits or excavations resulting from the demolition up to original ground contours with approved material; and
- clean up, grade and leave site in an orderly manner.

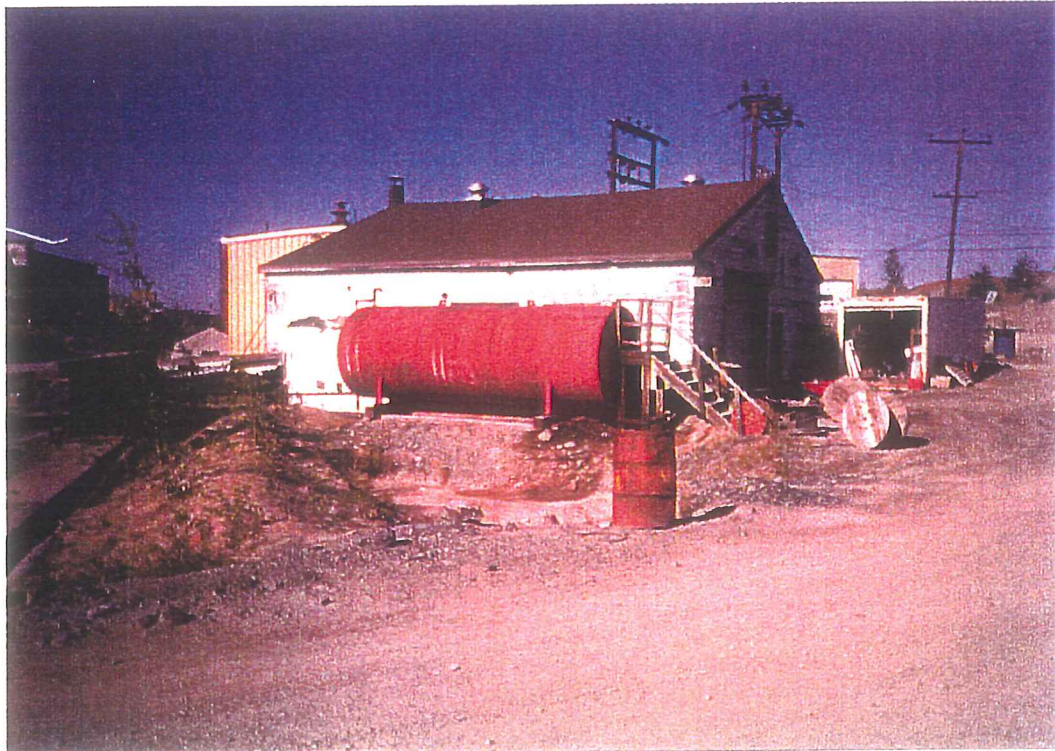
Special Items

- Potential for confined spaces
- Elevated levels of arsenic dust
- Chemical lime & lime residue
- Asbestos Type I
- Hydrocarbons
- Possible PCBs
- Possible mercury

Health & Safety Issues

- keep workers out of confined spaces;
- no worker shall enter a confined space without being properly trained, properly equipped, properly supervised and properly authorized;
- workers to wear proper levels of PPE to suit the environment;
- enforce safe handling practices for hydrocarbons, chemicals, PCBs, mercury and Asbestos; and
- enforce safe work practices for demolition type projects.

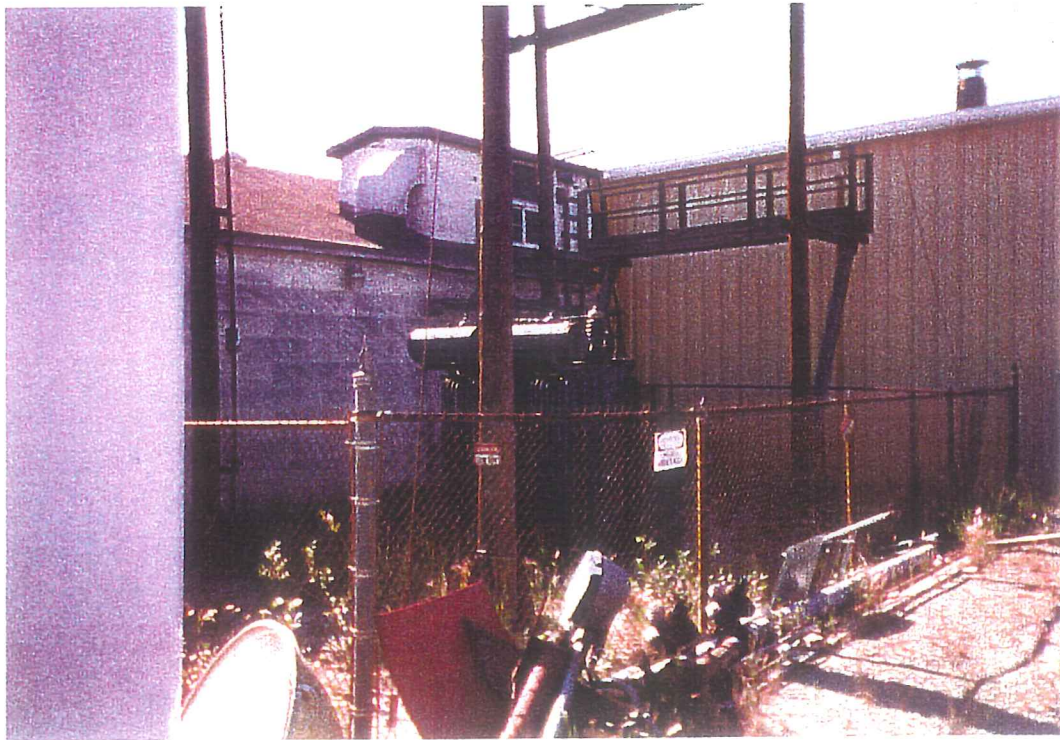
**"C" SHAFT
BUILDING #150
ELECTRICAL SHOP**



Looking North



Storage Trailer



Sub Station



Interior

Use

- electrical maintenance

Construction

- wood frame construction; concrete foundation & floor; interior steel structural; steel mezzanine; interior steel panelling partial; interior Asbestos Type 1 panelling, partial wall & ceiling; large oil tank; electrical sub station; transformers; storage trailer; and perimeter chain link fence.

Size

- 12.8 m x 12.2 m x 5.5 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any items or equipment deemed salvageable and transport to designated site within mine property;
- take sample of fluids from transformers and send to lab for testing for possible PCBs;
- completely drain transformers of hydrocarbons, properly contain and ship off site as per test results;
- remove all Asbestos Type 1 panelling from interior of structure, store in proper containers and dispose of same in designated landfill;
- dismantle and dispose of chain link fence in designated landfill;
- remove hydro poles and electrical apparatus and dispose of material in designated landfill;
- remove transformers and dispose of same in designated landfill;
- demolish building by mechanical means and dispose of all material in designated landfill;
- all steel tanks are to be cut up for landfill purposes;
- demolish concrete foundations and floor and dispose of all material in designated landfill; and
- clean up, grade site and leave in an orderly manner.

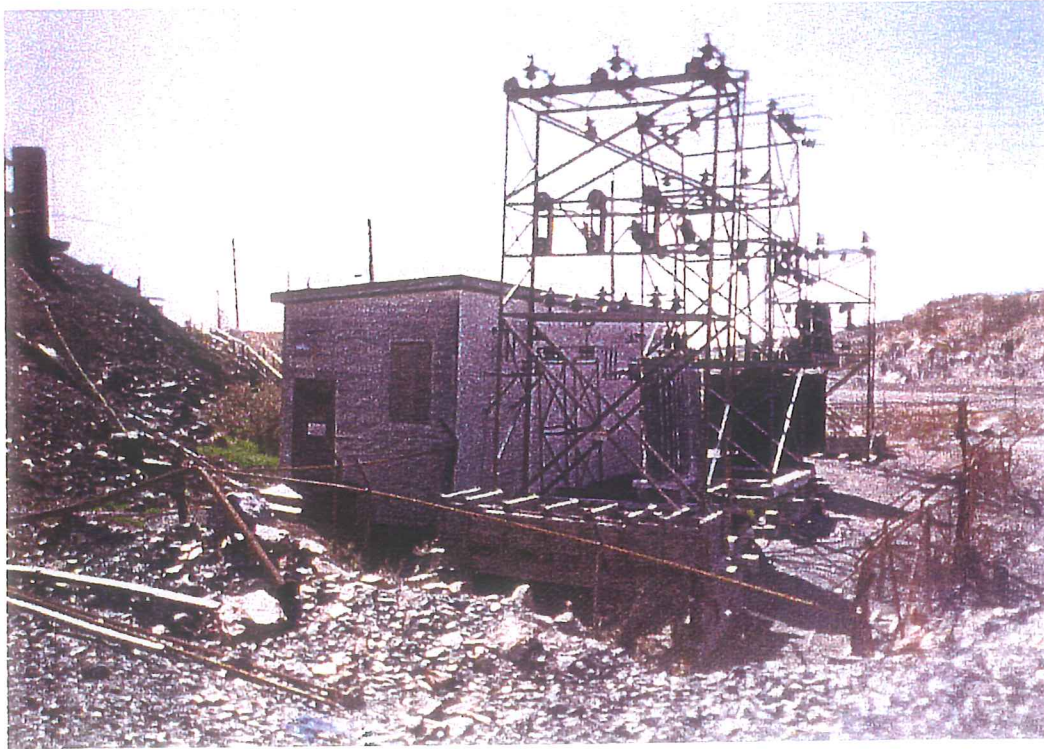
Special Items

- Asbestos Type 1
- Possible PCBs
- Hydrocarbons

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- enforce safe handling practices for asbestos, PCBs and hydrocarbons;
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #126
NO. 5 SUB STATION**



Looking West

Use

- power grid connection for "C" Shaft area.

Construction

- wood frame structure; pitch felt roof; concrete floor; insulated; Asbestos Type 1 panelling on interior walls and ceiling; electrical equipment; transformers; structural steel with electrical apparatus; and perimeter chain link fence.

Size

- 13.7 m x 4.4 m x 4.0 m H
- + 4.9 m x 3.0 m x 4.0 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any items or equipment deemed as salvageable assets and transport to designated area with mine property;
- take samples of transformer fluids and send to lab for testing for possible PCBs;
- drain hydrocarbons completely from all transformers, properly contain and ship off site as per lab results;

- check all electrical equipment for capacitors that might contain PCBs and mercury switches;
- if identified, then remove, store properly and dispose of off site as directed;
- dismantle and dispose of perimeter fence in designated landfill;
- dismantle and dispose of structural steel complete with electrical apparatus in designated landfill;
- remove transformers and dispose of same in designated landfill;
- remove Asbestos Type 1 from interior of building, place in proper containers and dispose of same in designated landfill;
- demolish building using mechanical means and dispose of all materials in designated landfill;
- demolish all concrete flooring and dispose of all material in designated landfill; and
- clean up, grade and leave site in an orderly manner.

Special Items

- Asbestos Type 1
- Hydrocarbons
- Possible PCBs
- Possible mercury

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- enforce safe and proper handling practices for asbestos, PCBs, hydrocarbons and mercury; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #127
HOIST HOUSE COMPRESSOR BUILDING**



Looking East

Use

- main hoist for "C" Shaft

Construction

- Butler Type building; single-storey, steel frame; steel siding & roof; double walled; insulated; structural steel is of Rivet construction; concrete floor, foundation & pedestals; 2 pedestals (9 m x 6 m x 1 m thick); electrical equipment; air compressors; heavy machinery (2 hoists); and Asbestos Type 1 panels.

Size

- 13.7 m x 12.8 m x 7.6 m H
- + 18.3 m x 6.09 m x 5.2 m H
- + 6.09 m x 6.09 m x 5.2 m H
- + 4.6 m x 2.0 m x 4.0 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structures;
- owner may remove any items, equipment or machinery deemed as salvageable assets and transport to designated area with mine property;
- if not already done, decommission hoist and remove cable, properly handle and dispose of in designated landfill;
- check all electrical equipment for capacitors that might contain PCBs and mercury switches;
- if identified, then remove, properly contain and dispose of off site as directed;
- drain all machinery, equipment, tanks and compressors of hydrocarbons, store properly in containers and ship off site;
- remove Asbestos Type 1 panels from interior of building, place in proper containers and dispose of same in designated landfill;
- dismantle steel roofing and siding (optional);
- demolish building using mechanical means and dispose of all materials in designated landfill;
- remove heavy machinery and equipment when safe access is provided by progress of demolition and dispose of all equipment in designated landfill;
- all steel tanks must be cut up in order to accommodate placement in landfill;
- demolish all concrete foundations, floors and pedestals and dispose of all materials in designated landfill;
- backfill all pits or excavations resulting from demolition with approved material up to elevations of original contours of ground; and
- clean up, grade and leave site in an orderly manner.

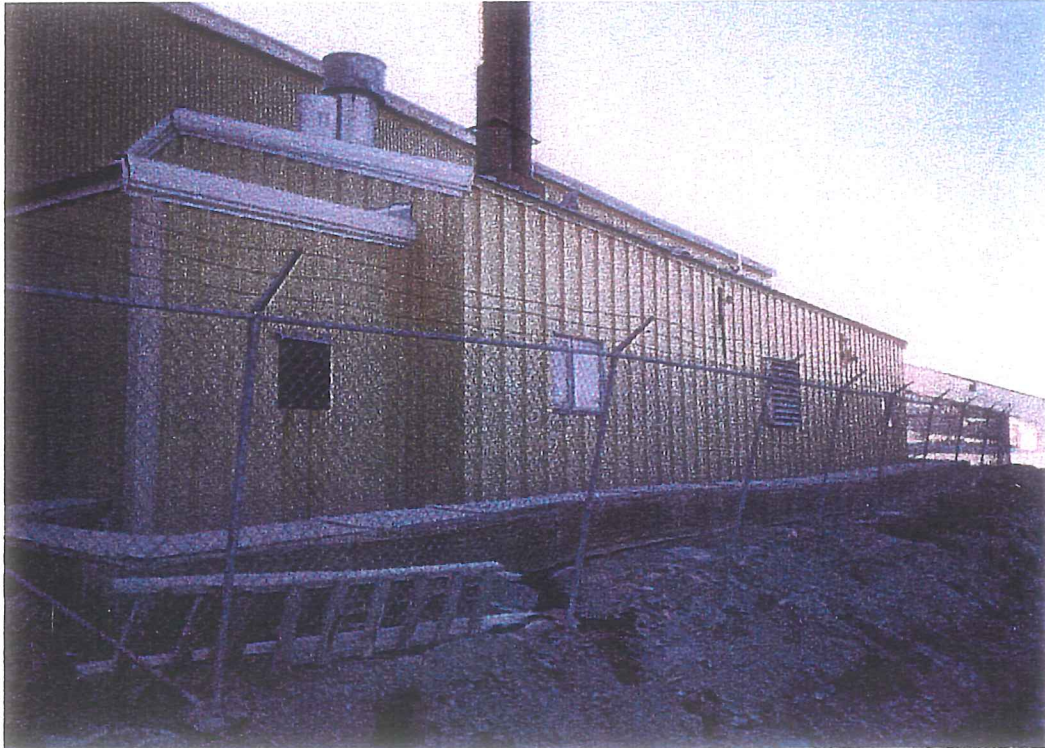
Special Items

- Asbestos Type 1
- Hydrocarbons
- Possible PCBs
- Possible mercury
- Heavy machinery

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- enforce safe and proper handling practices for asbestos, PCBs, hydrocarbons and mercury; and
- enforce safe work practices for demolition type projects.

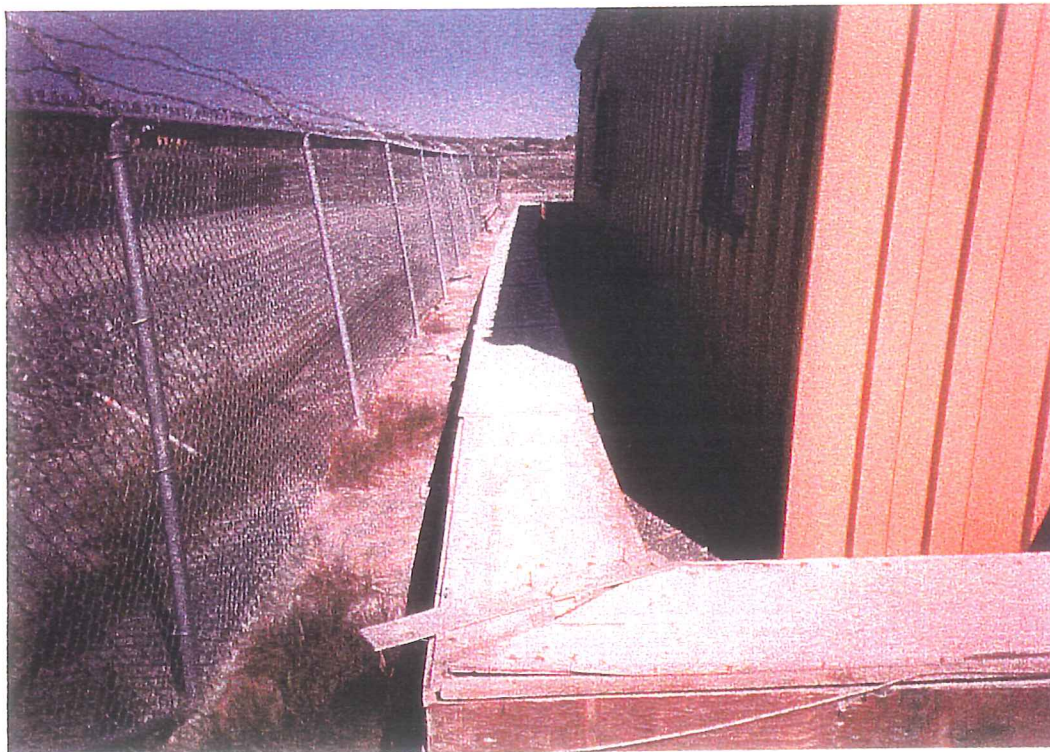
**"C" SHAFT
BUILDING #117
NEW REFRACTORY BUILDING**



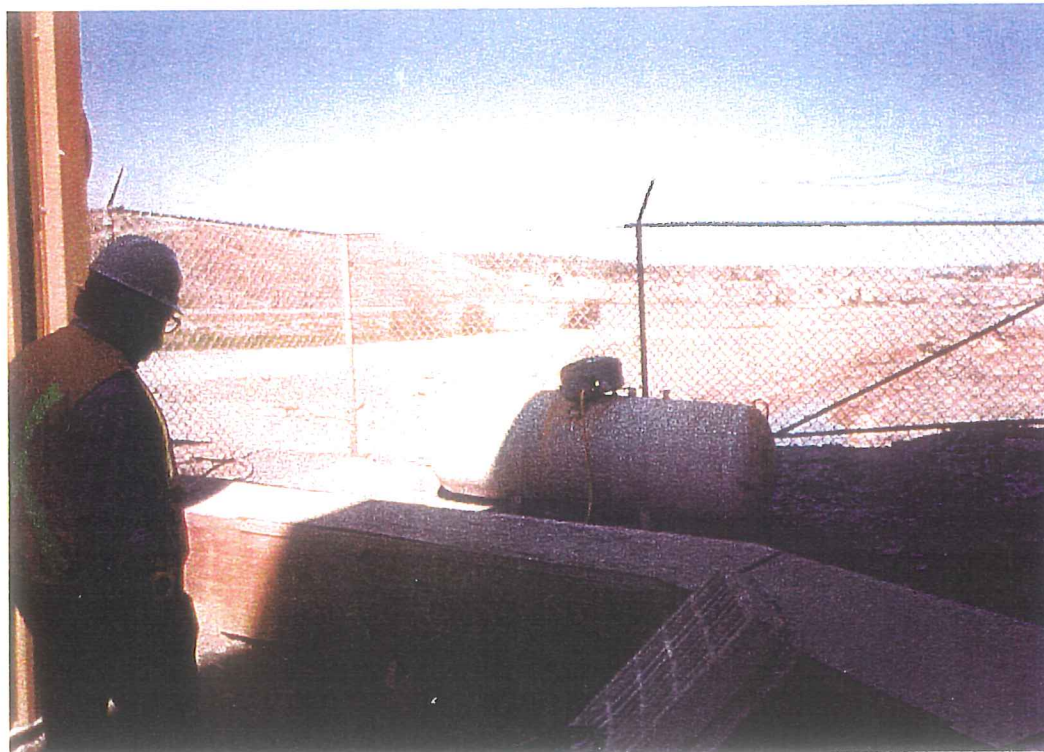
Looking Southeast



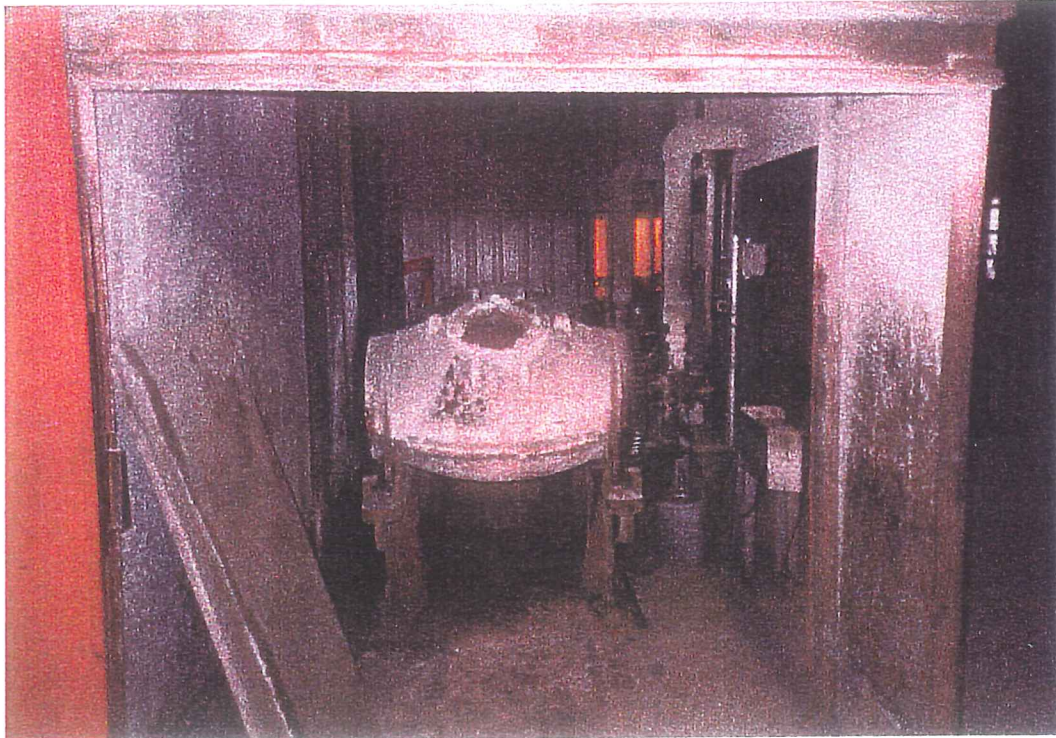
Looking North



Perimeter Fence & Utilitdor



Propane Tank



Typical Interior



Typical Interior



Debris Outside the Building



South View of Propane Tank & Fuel Tank



Typical Interior

Use

- was used for gold recovery & sampling

Construction

- steel Butler Type building; steel frame; steel roof & steel siding; double walled; screws on interior of steel; insulated with fiberglass; concrete slab foundation; wood & steel partitions; electrical equipment; furnaces and other apparatus; propane tank; fuel tank; service utilitdor; and perimeter chain link fence.

Size

- 15.4 m x 7.3 m x 3.7 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any items or equipment deemed salvageable and transport to designated site within mine property;
- owner has first right at reclaiming any building material, equipment, dust, item, or ore residue that may contain elements of gold;
- propane tank to be removed by others;
- check electrical equipment for ballast and capacitors that might contain PCBs;
- completely drain fuel tank into proper containers and ship contents off site as directed;
- check building for any stored amounts of chemicals or hydrocarbons;
- if identified, then remove, place in proper containers and ship off site;

- dismantle and dispose of perimeter chain link fence in designated landfill;
- dismantle interior steel siding & ceiling (optional);
- remove insulation; place in containers and dispose of same in designated landfill (optional);
- dismantle steel roofing & siding (optional);
- dismantle steel frame (optional);
- demolish remains of building and equipment and place all the materials resulting from the demolition in designated landfill;
- fuel tank must be cut up to accommodate placement in designated landfill;
- demolish concrete slab and dispose of material in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Possible PCBs
- Chemicals
- Hydrocarbons

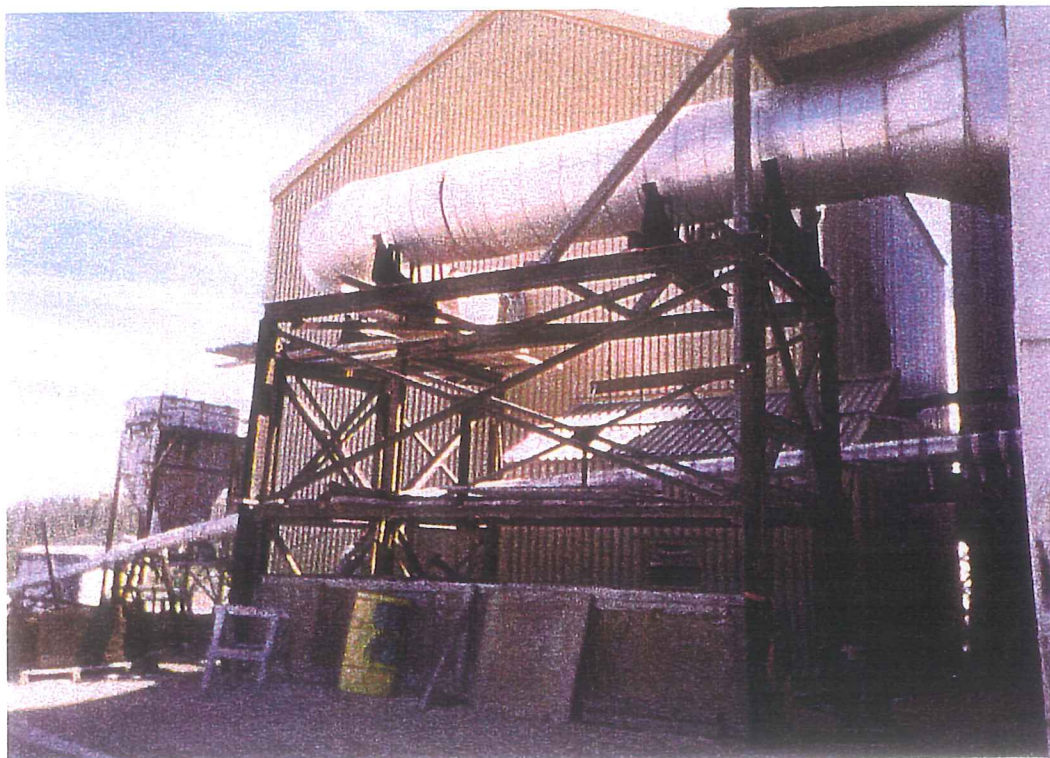
Health & safety Issues

- all workers to wear Class "D" as minimum protection; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #167
BAG HOUSE**



Looking South



Auxiliary Structures - Looking East

Use

- collection of arsenic dust

Construction

- Robertson Type building; steel frame; steel roof & steel siding; double walled; fiberglass insulation; concrete foundation; large machinery (arsenic bags); and auxiliary structures.

Size

- 12.2 m x 12.2 m x 9.1 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structures;
- contractor shall decontaminate structure by collecting, containing and disposing of all arsenic dust and residue found within building, collection bags, auxiliary apparatus and structures by approved methods;
- after decontamination is complete, the owner may remove any items or equipment deemed salvageable and transport to an area designated within the mine property;
- check electrical equipment for possible PCBs in light ballast and capacitors;
- check for mercury switches;
- if either are identified, then remove, store properly and ship off site as directed;
- dismantle interior steel roofing and siding;
- remove insulation, place in containers;
- dismantle exterior steel roofing and siding;
- dismantle steel structure;
- dismantle or demolish auxiliary structures;
- demolish all concrete foundations and footings;
- dispose of all materials resulting from demolition activities in designated landfill; and
- clean up, grade and leave site in an orderly manner.

Special Items

- Elevated levels of arsenic dust and residue
- Possible PCBs
- Possible mercury

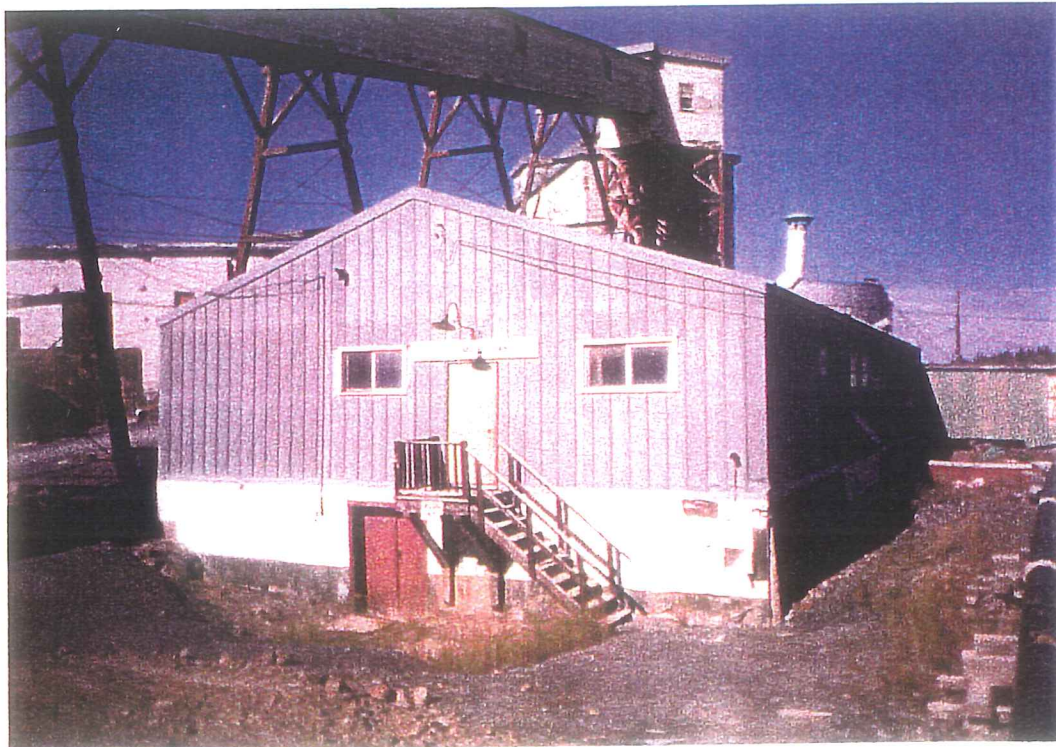
Health & Safety Issues

- when decontaminating structure and equipment, workers are to wear Class "B" as minimum protection;
- workers must be qualified by proper training to work in these conditions;
- treat arsenic bags as confined spaces; work accordingly;
- enforce safe handling practices for arsenic, PCBs and mercury; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #169
LABORATORY**



East View

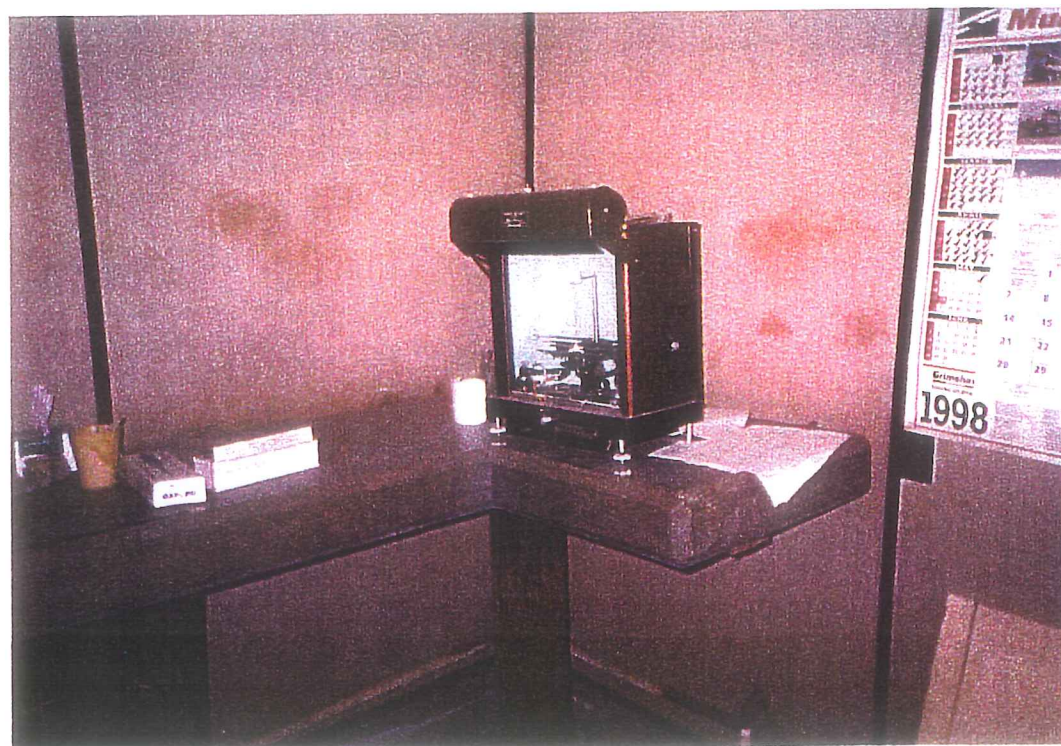


North View

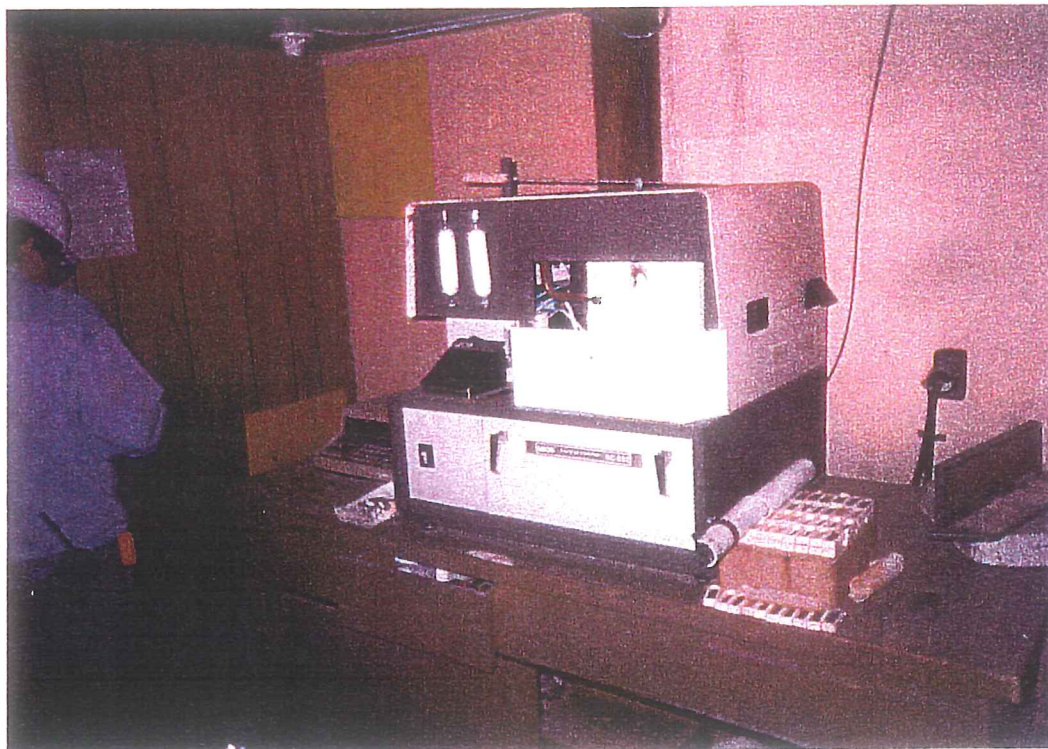
GAIA Contractors



Typical Basement Storage



Laboratory Equipment



Laboratory Equipment



Typical Stored Chemicals



Typical Stored Chemicals

Use

- abandoned
- storage

Construction

- Butler Type building; steel frame; steel roof & siding; insulated; wood interior; wood foundation; and full basement.

Size

- 25 m x 12.2 m x 4.1 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any items, materials or equipment deemed salvageable and transport to designated area within mine property;
- identify and remove all chemicals and hydrocarbons; properly contain and ship off site;
- check electrical equipment for any ballast or capacitors that might contain PCBs and electrical switches for mercury;
- if either is identified, then remove, properly contain and ship off site;
- dismantle steel roofing (optional);
- dismantle steel siding (optional);
- remove and package all insulation in proper containers for disposal (optional);
- dismantle steel frame (optional);

- demolish remains of building and dispose of all material resulting from demolition in designated landfill;
- backfill all excavations or pits created as a result of the demolition with approved material up to level of original ground contours; and
- clean up, grade and leave site in an orderly manner.

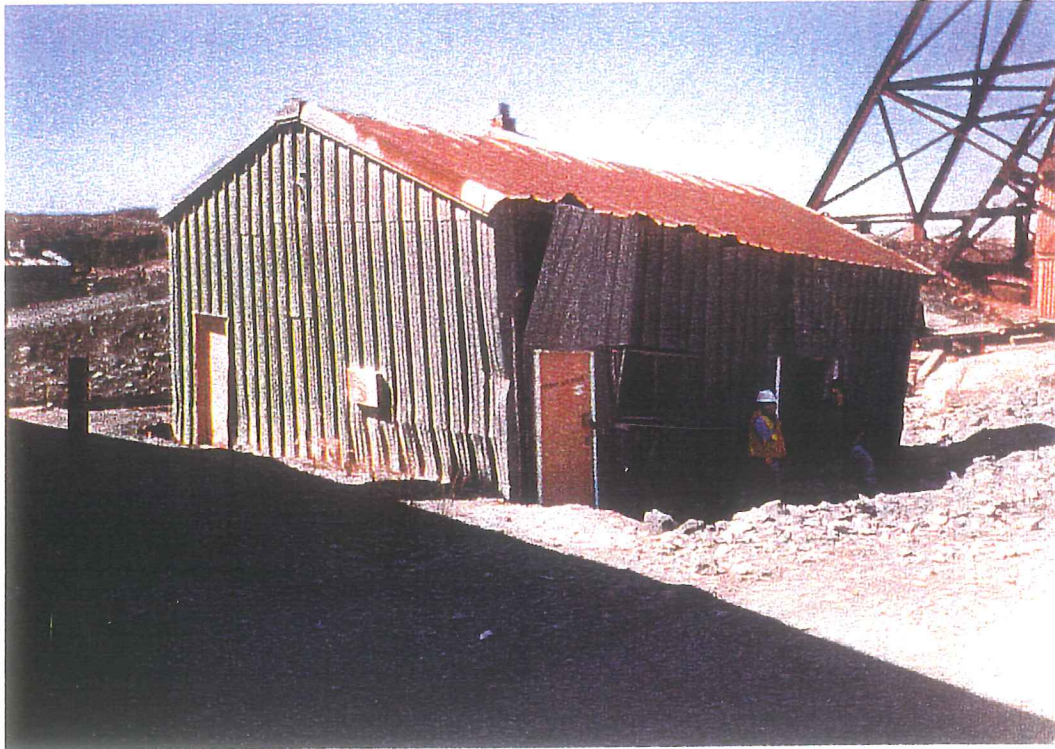
Special Items

- Stored chemicals
- Possible PCBs
- Possible mercury

Health & Safety Issues

- all workers to wear Class "D" as minimum protection;
- enforce safe handling practices for chemicals, PCBs, hydrocarbons and mercury; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #171
BUTLER BUILDING**



Use

- abandoned

Construction

- Butler Style; steel frame; steel roof and siding; double walled; fiberglass insulation; sprayed on Asbestos Type 2; concrete slab foundation; and building sinking.

Size

- 9.7 m x 7.3 m x 3.7 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any items, material or equipment deemed salvageable and transport to designated area on mine property;
- dismantle interior steel with sprayed on Asbestos Type 2;
- dismantle remainder of building;

- demolish concrete slab foundation;
- dispose of all materials resulting from demolition in designated landfill;
- backfill excavation resulting from demolition with approved material; and
- clean up, grade site and leave in an orderly manner.

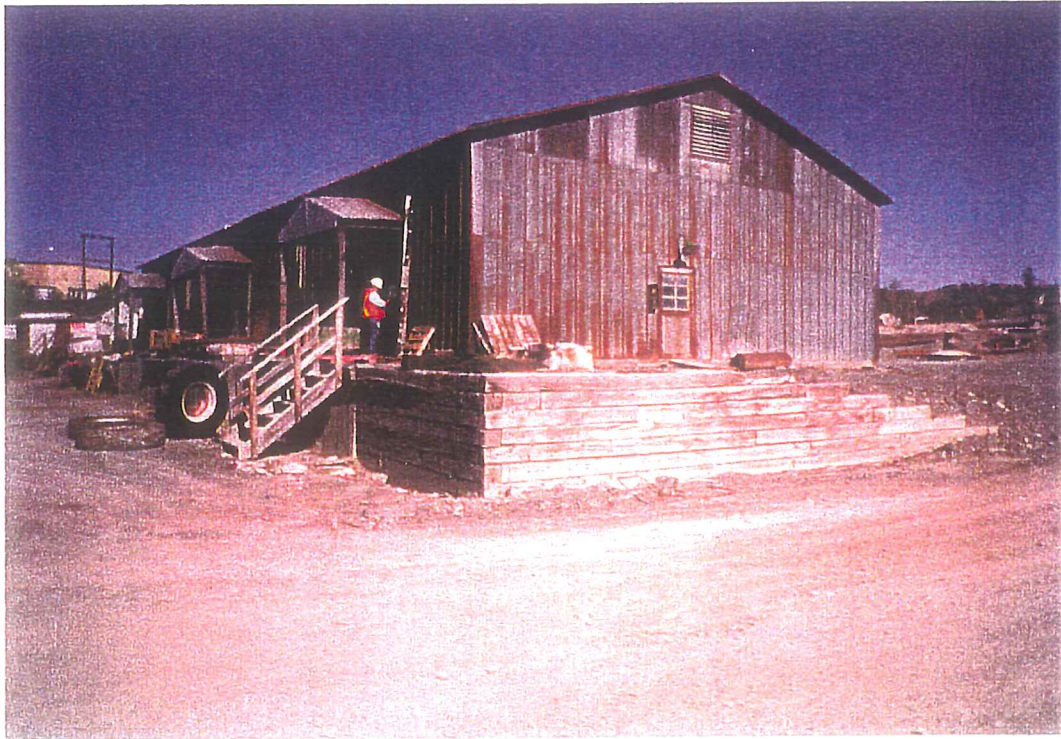
Special Items

- Asbestos Type 2
- Building sinking

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- take special measures to ensure that during removal and transportation of Asbestos Type 2 the dust is not allowed to escape into the environment; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #146
WAREHOUSE #4**



Northwest View



Northwest View



Interior



Interior Structure

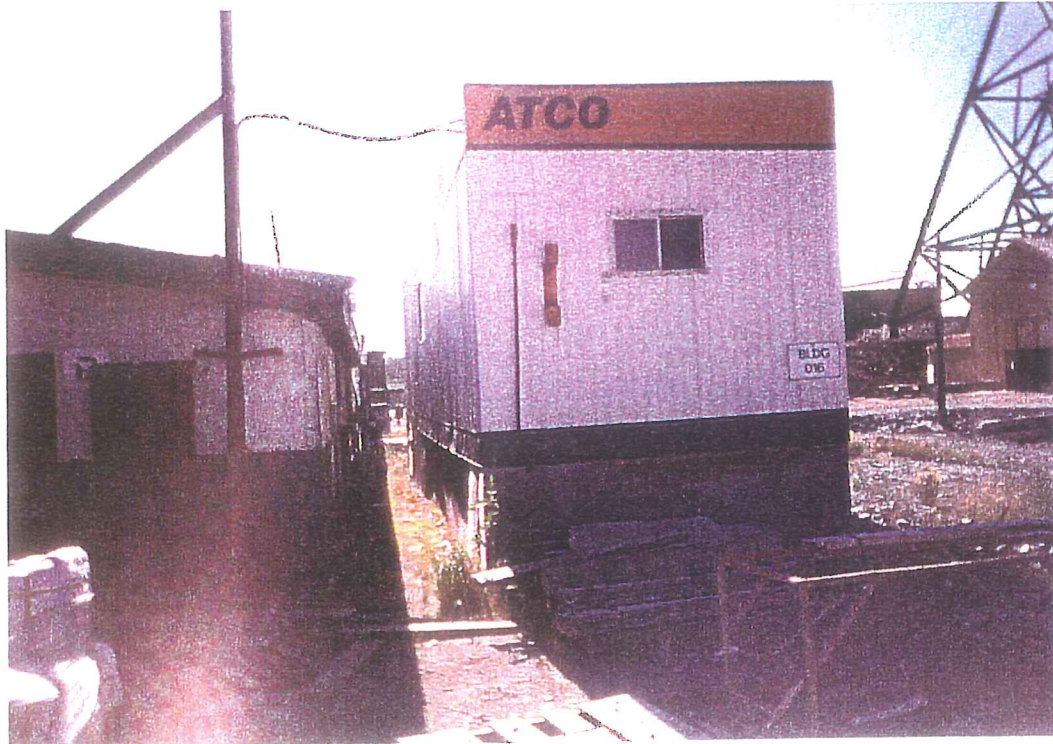


Interior



Wood Mezzanine

**"C" SHAFT
BUILDING #016
ATCO MINE RESCUE TRAILER**



Use

- mobile completely equipped mine rescue centre

Construction

- portable ATCO trailer

Size

- 12.2 m x 3.05 m x 2.4 m H

Work Plan

- owner shall locate and de-energize all attached utilities;
- relocate to designated area within mine site.

Special items

- No known hazards

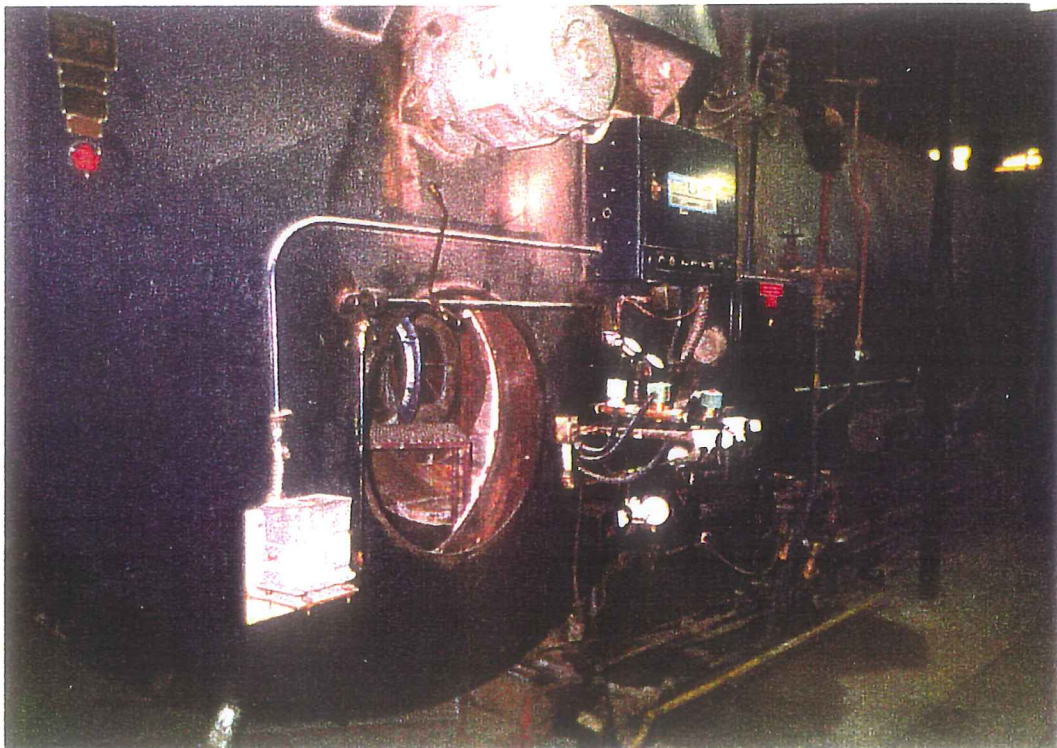
Health & Safety Issues

- all workers to wear Class "D" as minimum protection

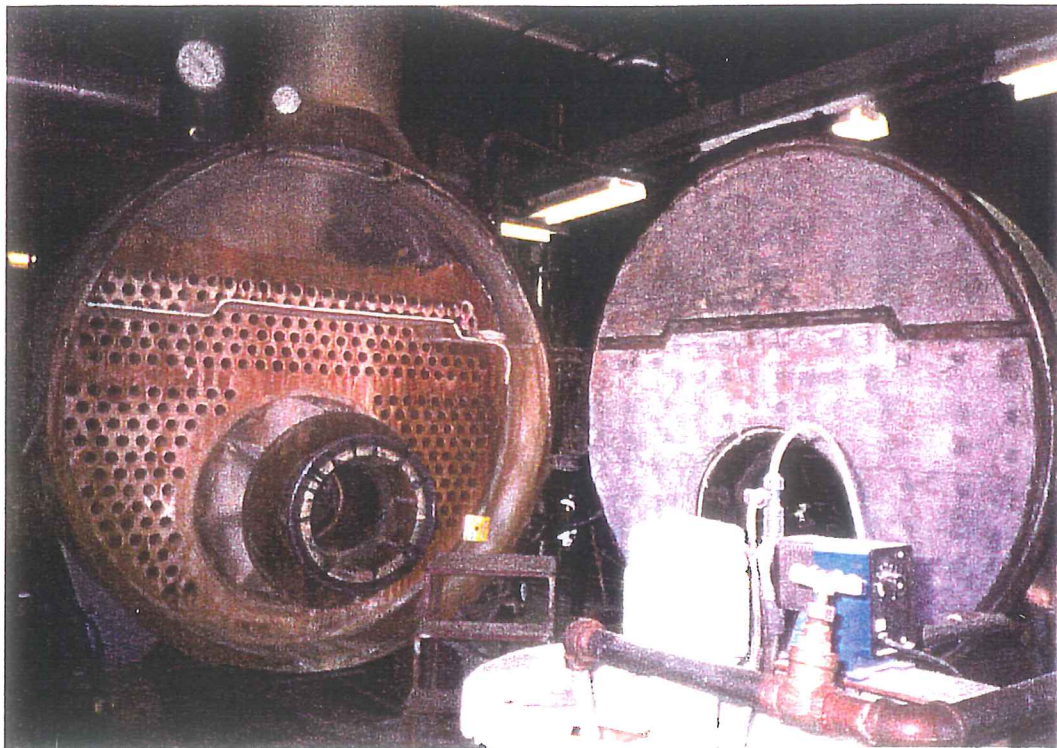
**"C" SHAFT
BUILDING #172
BOILER BUILDING**



North View



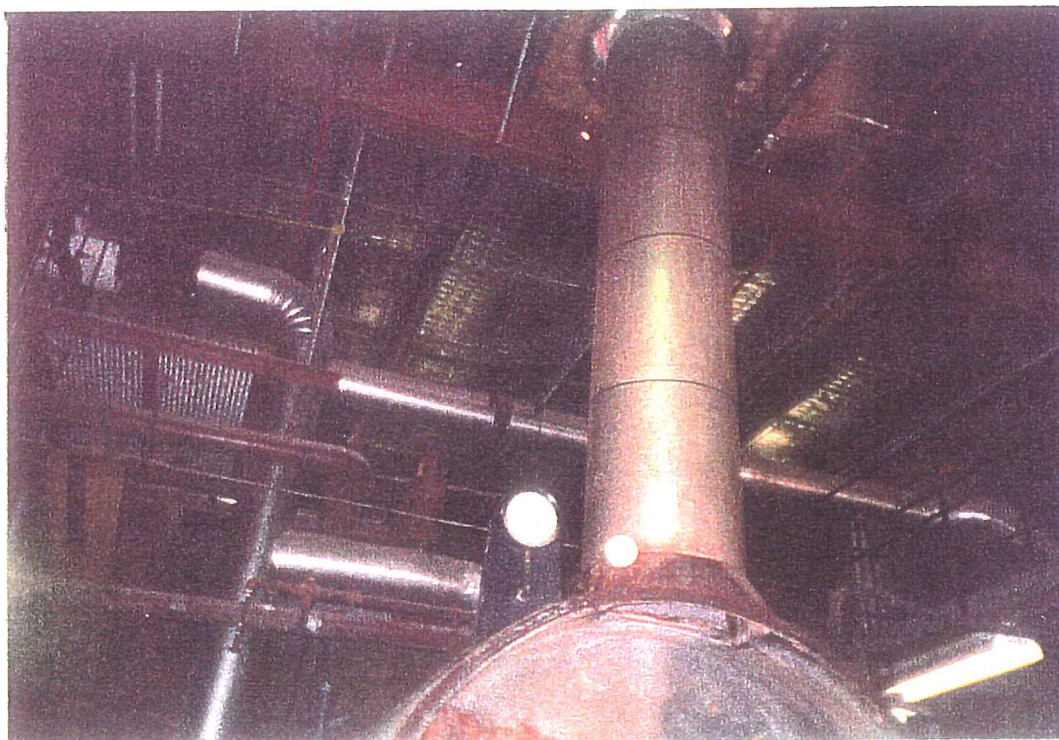
Typical Boiler



Typical Boiler



Interior



Interior

Use

- supplies steam heat to mine buildings

Construction

- Robertson Type building; steel frame; steel siding & steel roofing double walled; fiberglass insulation; steel mezzanine; concrete floor & foundation; concrete sump; oil tank; heavy machinery; and electrical equipment.

Size

- 15.9 m x 12.2 m x 6.1 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any items, equipment or materials deemed salvageable and transport to a designated area within mine site;
- check all electrical equipment for ballast and capacitors that might contain PCBs, and lights and switches that might contain mercury or mercury vapours;
- if identified, then remove, properly contain and ship off site;
- drain all equipment, tanks and machinery completely of hydrocarbons, place in proper containers and ship off site as directed;
- dismantle steel roof;
- remove and package insulation;

- dismantle interior steel siding and ceiling;
- remove and package insulation;
- dismantle steel siding;
- dismantle steel frame;
- demolish remnants of structure;
- dispose of all materials in designated landfill;
- cut up oil tank to accommodate placement in landfill;
- remove heavy machinery such as boilers and dispose of same as directed;
- demolish all concrete foundations, flooring and pedestals and dispose of all materials in designated landfill;
- backfill any pits or excavations, caused as a result of the demolition, with approved material; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Hydrocarbons
- Possible PCBs
- Possible Mercury
- Heavy Machinery

Health & Safety Issues

- all workers to wear Class "D" as minimum protection;
- enforce safe work practices for handling hydrocarbons, PCBs and mercury; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #152
GREASE STORAGE SHED**



Use

- abandoned
- storage

Construction

- wood frame building; wood sill foundation; dirt floor; and pitch felt roof.

Size

- 4.9 m x 3.7 m x 2.4 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any items, materials or equipment deemed salvageable and transport to a designated area within mine property;
- remove any stored hydrocarbons, properly contain and ship off site as directed;
- demolish building using mechanical means and dispose of all material in designated landfill; and
- clean up, grade and leave site in an orderly manner.

Special Items

- Hydrocarbons

Health & Safety Issues

- all workers to wear Class "D" as minimum protection; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
ELECTRICAL BUILDING
BEHIND OFFICE BUILDING**



Use

- electrical supply for office
- switch gear

Construction

- steel frame; steel roof & siding; double walled; insulated; and concrete slab foundation.

Size

- 6.7 m x 3.05 m x 2.4 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any items, materials or equipment deemed salvageable and transport to a designated area within the mine property;
- check electrical equipment for capacitors and light ballast that might contain PCBs and check for mercury switches;
- if identified, then remove, properly contain and ship off site as directed;
- remove electrical equipment;

- dismantle building and dispose of all materials in designated landfill;
- demolish concrete slab and dispose of material in designated landfill; and
- clean up, grade site, and leave in an orderly manner.

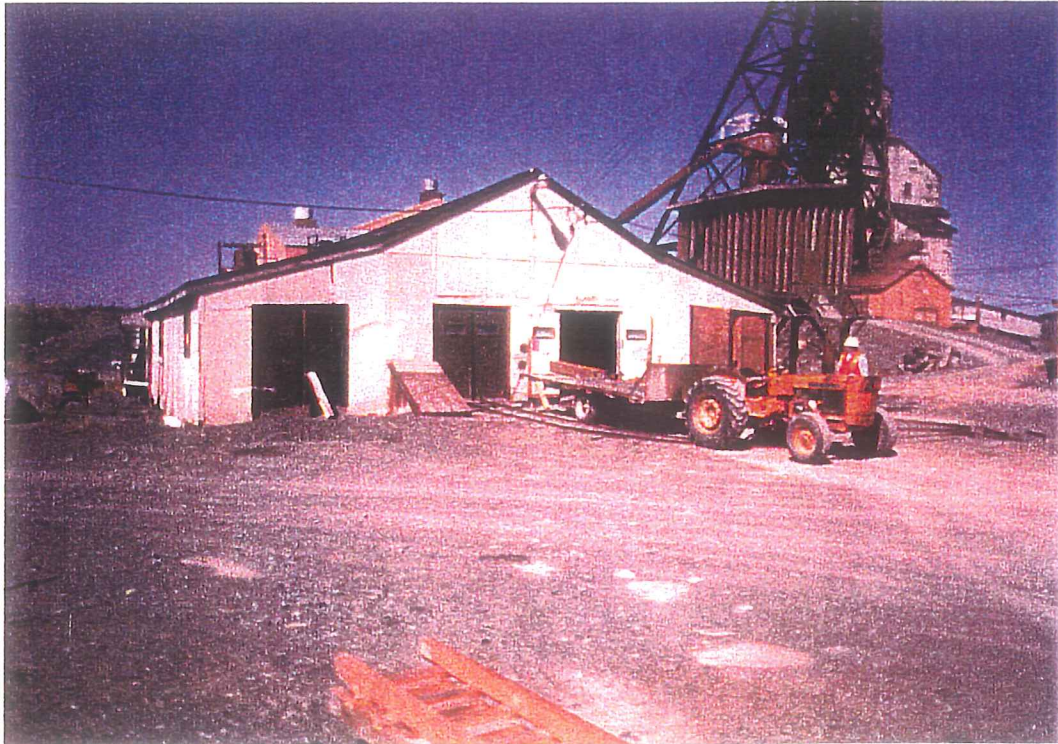
Special Items

- electrical equipment

Health & Safety Issues

- all workers to wear Class "D" as minimum protection.

**"C" SHAFT
BUILDING #144
PLANER SHOP**



Looking West



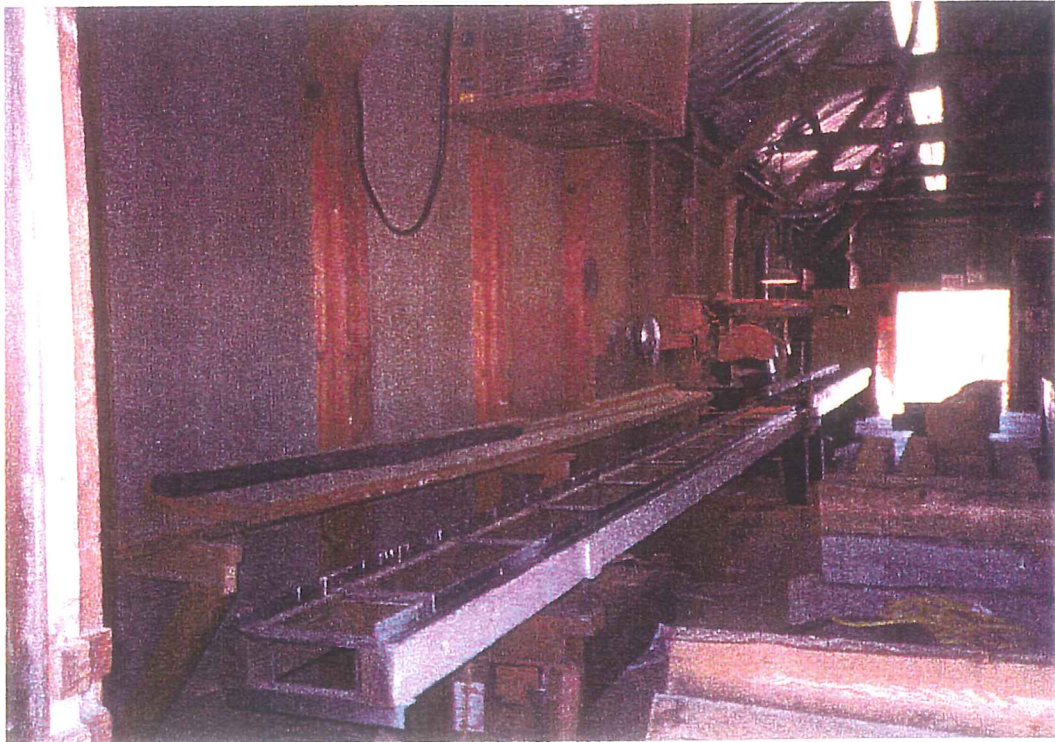
Saw Dust Bin



Interior



Interior – Asbestos Type 1 on Walls



Interior Asbestos Type 1 on Walls

Use

- storage

Construction

- wood frame structure; steel roof covered with pitch felt; some exterior Asbestos Type 1 siding; interior siding of Asbestos Type 1; wood sill foundation; wood floor; light rail in floor; and adjacent saw dust bin.

Size

- 17.06 m x 15.0 m x 4.6 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any items, material or equipment deemed salvageable and transport to a designated area within the mine property;
- check manufacturers' dates and labels on fluorescent light ballast and capacitors on electrical equipment for possible PCBs;
- if identified, then remove, properly contain and ship off site;
- remove all Asbestos Type 1 and place in proper containers, disposing of same in designated landfill;
- demolish building using mechanical means and dispose of all materials, including railway tracks in designated landfill; and
- clean up, grade site and leave in an orderly manner.

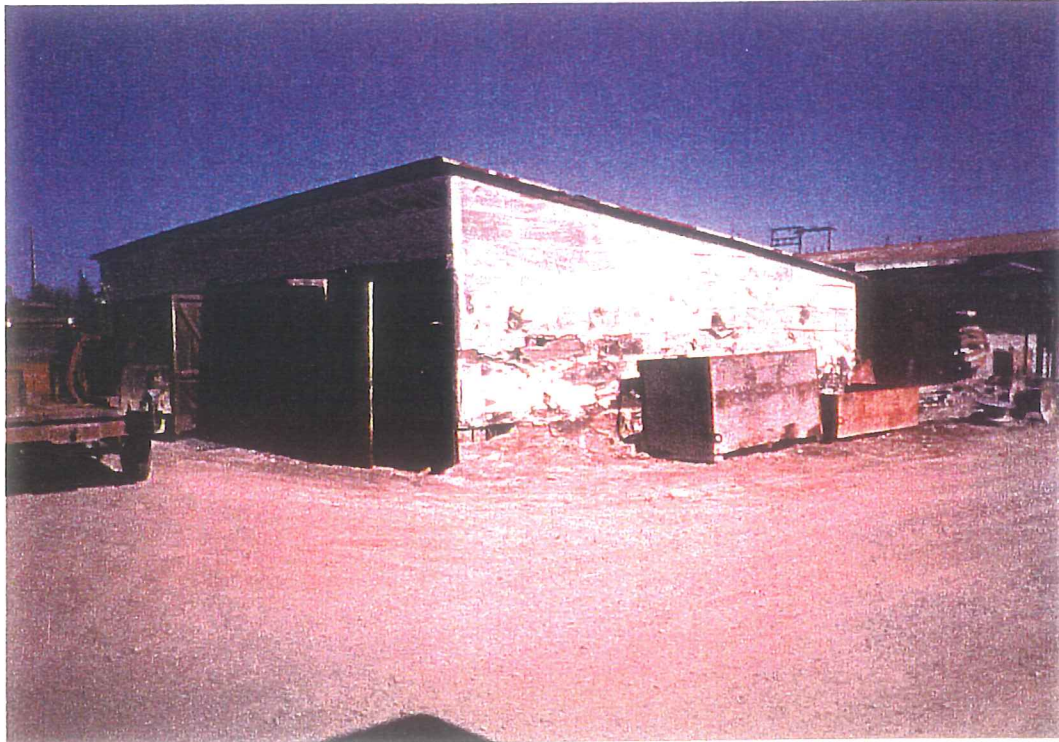
Special Items

- Asbestos Type 1
- Possible PCBs

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- enforce safe handling practices for asbestos and PCBs; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #154
PIPE STORAGE (2 STRUCTURES)**



Northeast View of Building #1



Northwest View of Building #2



Typical Interior

Use

- steel pipe storage

Construction

- wood frame structures; wood sill foundations; pitch felt roofs; and dirt floors.

Size

- 11.0 m x 7.6 m x 3.7 m H + 14.6 m x 11.0 m x 3.7 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structures;
- owner may remove any items, materials or equipment deemed salvageable and transport to a designated site within the mine property;
- demolish buildings using mechanical means and dispose of all materials in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- No known hazards

Health & Safety Issues

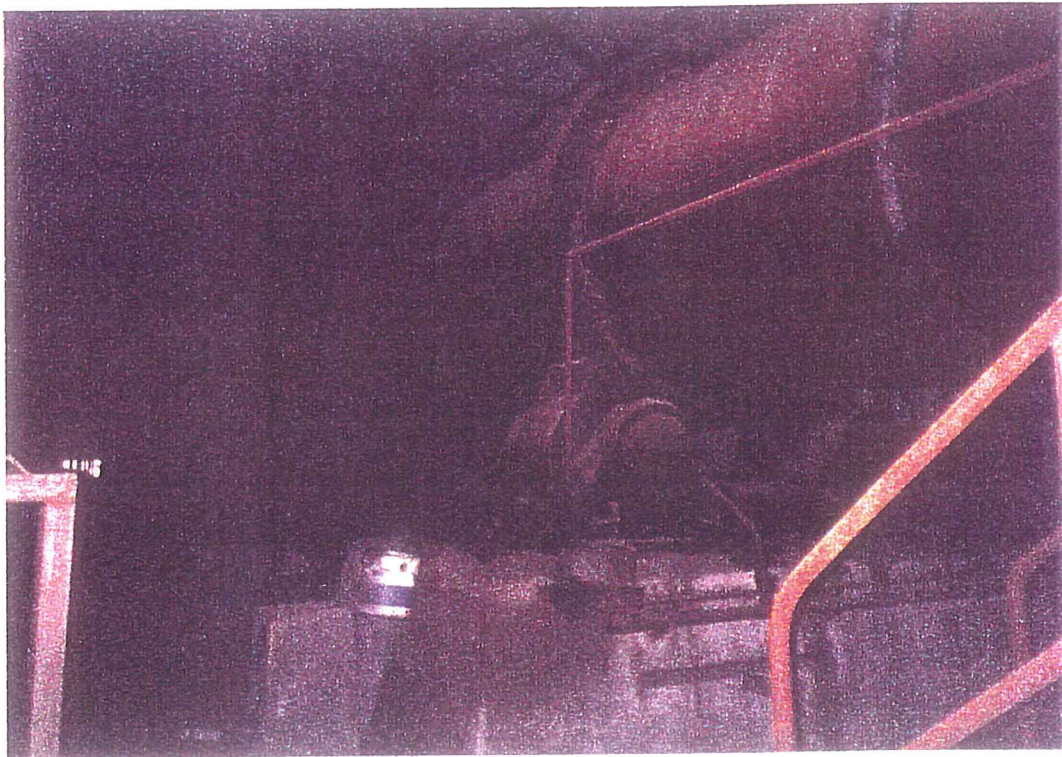
- workers to wear Class "D" as minimum protection; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #162
CALCINING PLANT**

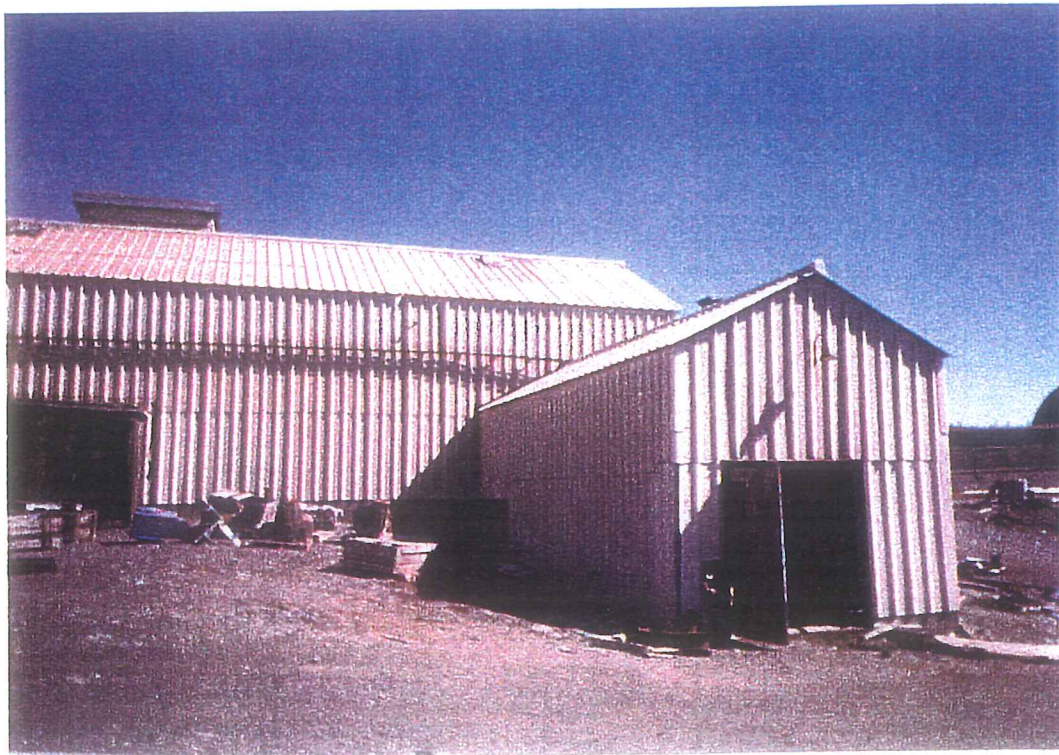


Interior – Concrete Pedestals Kiln

GAIA Contractors



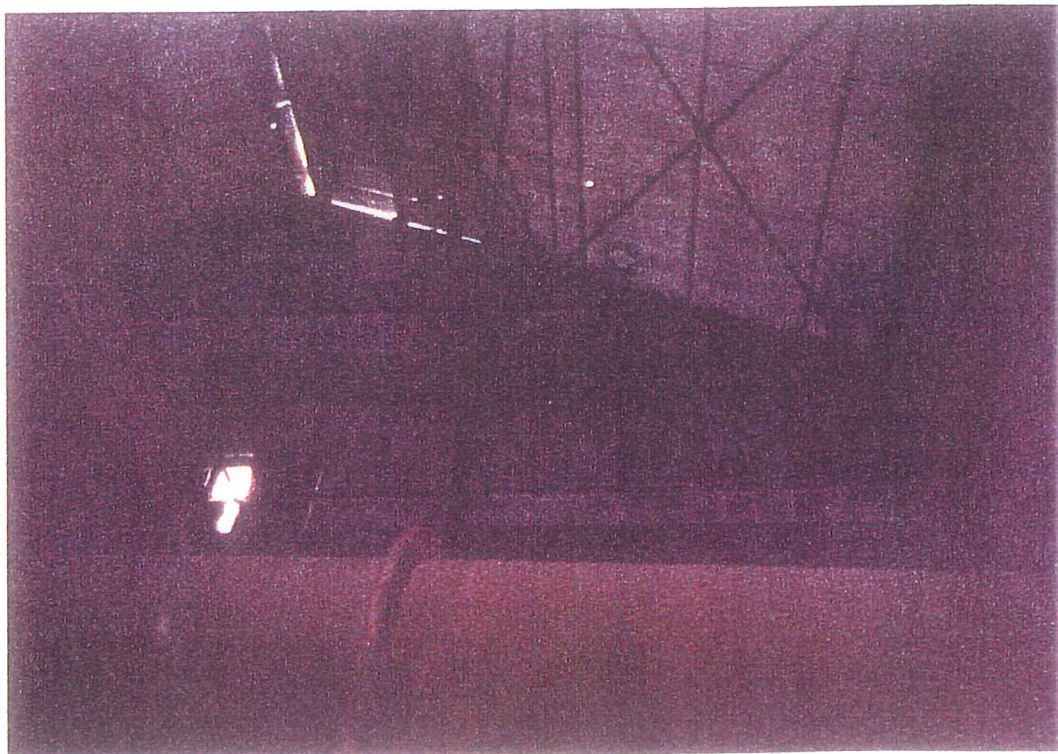
6' x 80' Kiln



Typical Exterior



Interior Showing Asbestos Type 2 Insulation



Typical Interior Roof

Use

- abandoned

Construction

- steel frame; multiple levels; several mezzanines; Asbestos Type 1 roofing panels; Asbestos Type 1 siding panels; Asbestos Type 2 insulation; and Asbestos Type 3 present.

Size

- 12.3 m x 5.0 m x 5.2 m H
- +22.4 m x 9.2 m x 6.3 m H
- +22.8 m x 13.9 m x 11.0 m H

Work Plan

- owner shall locate and de-energize all utilities attached to structure;
- owner may remove any items, equipment, or material deemed salvageable and transport to designated area within mine property;
- owner has first right to reclaim any building materials, equipment and dust or ore residue that may contain elements of gold;
- check all electrical equipment for ballast and capacitors that might contain PCBs;
- check all electrical equipment for mercury switches;
- if identified, then remove, contain properly and ship off site;
- drain all tanks, equipment, storage barrels, and machinery of hydrocarbons, contain properly, and dispose of off site;
- remove all Asbestos Type 2 from interior walls and ceiling, place in proper containers and dispose of same in designated landfill;
- clean up all Asbestos Type 3 from interior of structure, place in proper containers and dispose of same in designated landfill;
- dismantle Asbestos Type 1 panels from roof & siding, disposing of same in designated landfill;
- demolish remnants of building using mechanical means and dispose of all material in designated landfill;
- remove heavy machinery as demolition allows access and dispose in designated area;
- demolish all concrete foundations, footings, stairways and pedestals and dispose of all materials in designated landfill; and
- clean up, grade site and leave in an orderly manner.

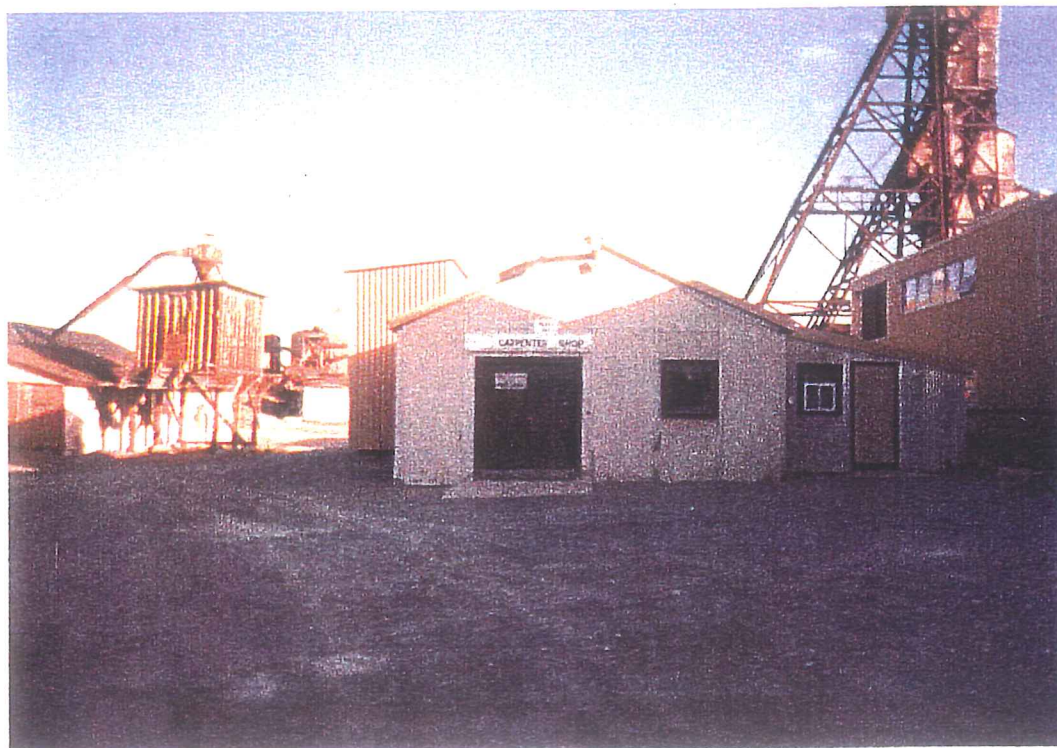
Special Items

- Asbestos Type 1
- Asbestos Type 2
- Asbestos Type 3
- Hydrocarbons
- Possible PCBs
- Possible mercury
- Heavy machinery

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- take measures to control asbestos dust from migrating from building site;
- enforce safe handling practices for asbestos, hydrocarbons and mercury; and
- enforce safe practices for demolition type projects.

**"C" SHAFT
BUILDING #142
CARPENTER SHOP**



Use

- storage

Construction

- wood frame building; steel roofing over pitch felt; wood sill foundation; wood floor; Asbestos Type I panels interior; and Asbestos Type 1 panels exterior.

Size

- 17.1 m x 7.4 m x 3.7 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any item, material, or equipment deemed salvageable and transport to a designated area within the mine property;
- check manufacturers' dates on fluorescent light ballast and capacitors on electrical equipment for possible PCBs;
- if identified, then remove, store in proper containers and ship off site as directed;
- remove all Asbestos Type 1 and place in proper containers, disposing of same in designated landfill;
- demolish building using mechanical means and dispose of all materials in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Asbestos Type 1
- Possible PCBs

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- enforce safe handling practices of Asbestos and PCBs; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #147
POWDER MAGAZINE**



Powder Magazine Site

Use

- powder magazine

Construction

- wood frame; pitch felt roof; wood foundation; and chain link perimeter fence.

Size

- 7.9 m x 4.9 m x 2.4 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any items deemed salvageable and transport to a designated area within the mine site;
- dismantle and dispose of chain link fence in designated landfill;
- demolish building using mechanical means and dispose of all materials in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- No known hazards

Health & Safety Issues

- workers are to wear Class "D" as minimum protection; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #112
NO. 3 PUMP HOUSE**



Use

- fire protection service

Construction

- single-storey frame structure; insulated; wall board interior; and concrete foundation.

Size

- 7.3 m x 4.9 m x 3.7 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any items, equipment or materials deemed salvageable and transport to a designated area within the mine property;
- demolish building using mechanical means and dispose of all materials in designated landfill;
- demolish all concrete footings and foundations and dispose of all materials in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- No known hazards

Health & Safety Issues

- workers to wear Class "D" as minimum protection.

**"C" SHAFT
BUILDING #131
ASSAY OFFICE**

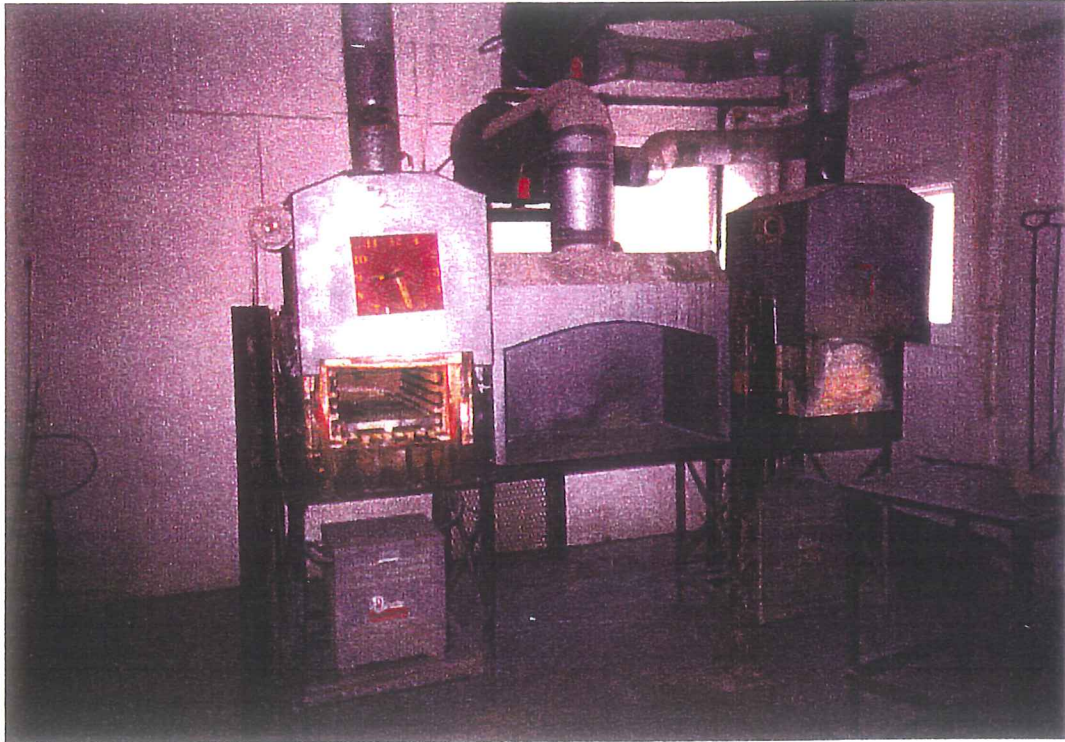


Northwest View



Exterior Showing Foundation

GAIA Contractors



Furnaces & Asbestos Type 1 and Type 2

Use

- abandoned

Construction

- steel frame; steel roof & steel siding; concrete floor over timber foundation; Asbestos Type 1 panelling on interior walls & ceiling; Asbestos Type 2 pipe wrap; and includes wood walkway between assay & laboratory.

Size

- 25.6 m x 9.75 m x 4.0 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any items, equipment or materials deemed salvageable and transport to designated site within mine property;
- check for any stored chemicals and, if identified, then remove, store in proper containers and ship off site;
- remove Asbestos Type 2 pipe wrap, store in proper containers and dispose of same in designated landfill;

- remove interior Asbestos Type 1 panelling, store in proper containers and dispose of same in designated landfill;
- dismantle steel exterior (optional);
- dismantle steel frame (optional);
- demolish remnants of structure and dispose of all materials in designated landfill;
- demolish concrete floor complete with timber foundations and dispose of all materials in designated landfill; and
- clean up, grade site and leave in an orderly manner.

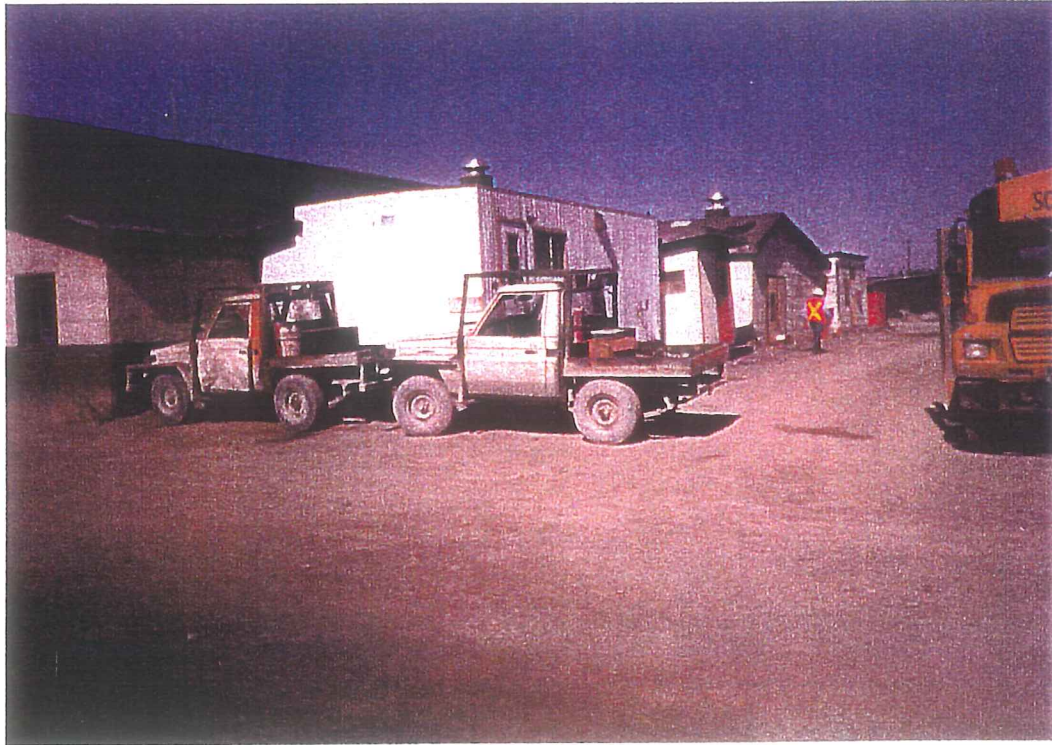
Special Items

- Possible stored chemicals
- Asbestos Type 1
- Asbestos Type 2

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- enforce safe handling practices for chemicals and asbestos; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
OUTBUILDINGS @ MACHINE SHOP**



Trailer



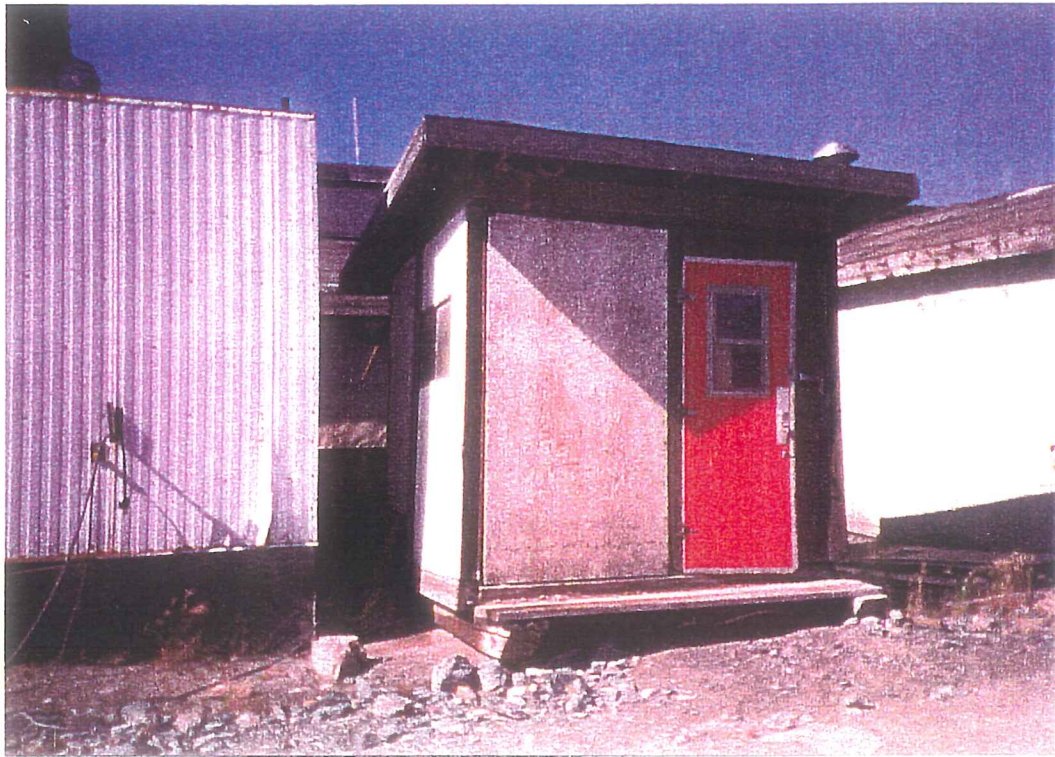
Cable Shed



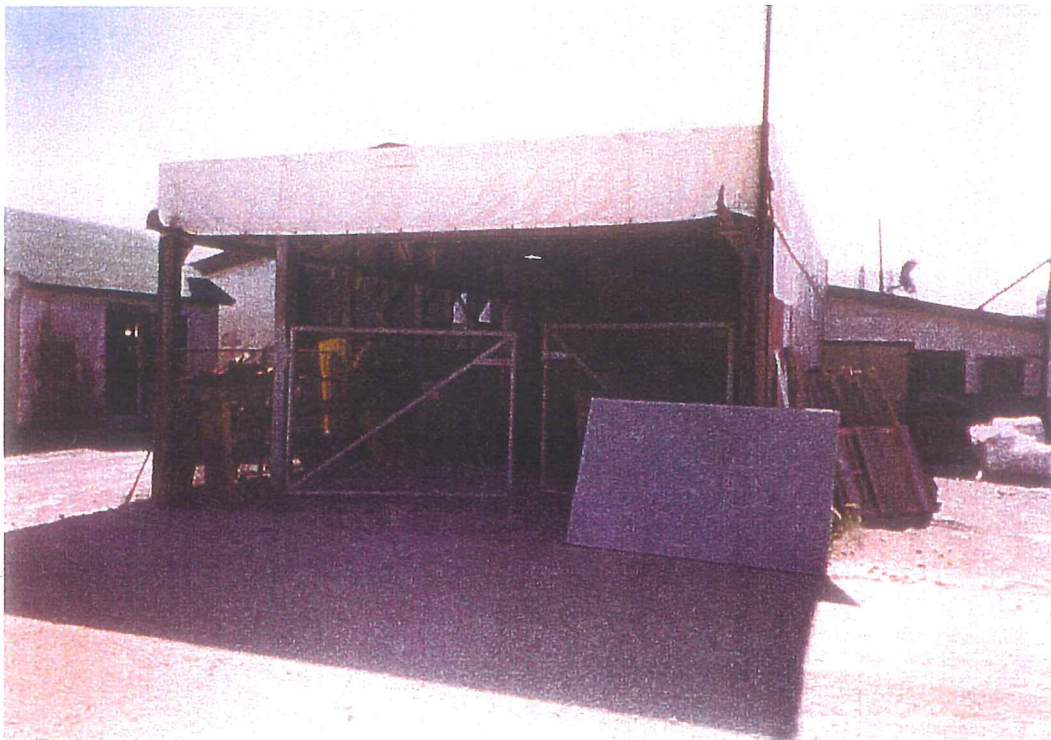
Tool Shed



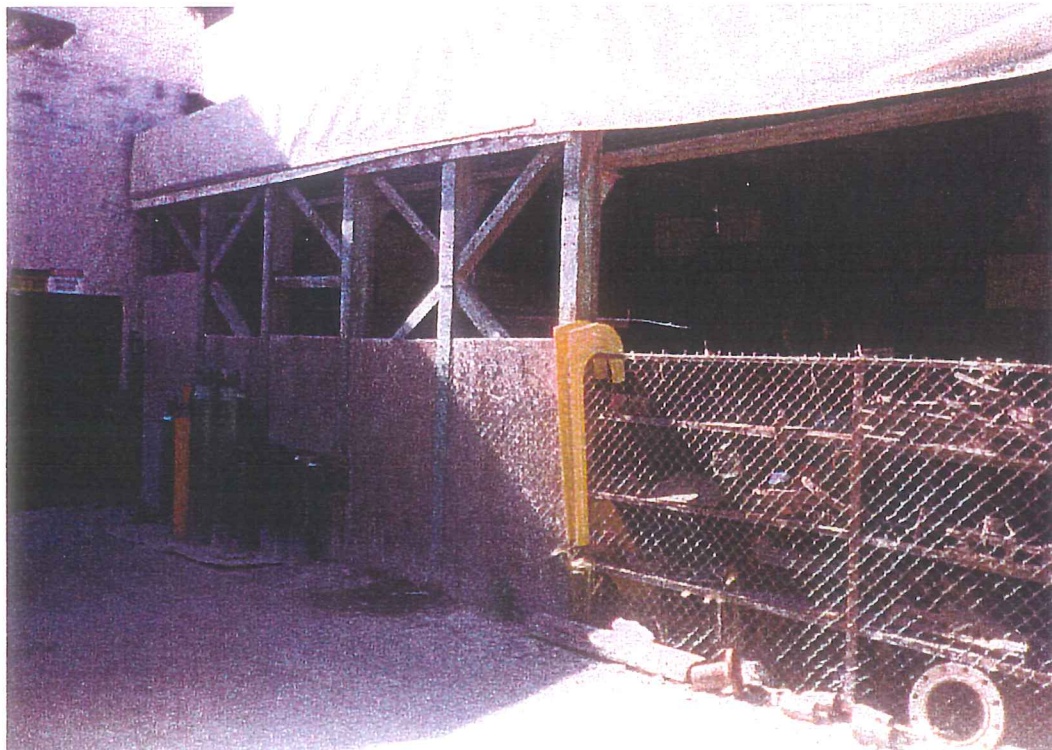
Storage Shed



Storage Shed



Flat Steel Storage Shed



Flat Steel Storage Shed

Use

- various storage

Construction

- 1 portable trailer; 4 wood sheds; 1 steel frame structure; and Asbestos Type 1 panelling.

Size

- 7.3 m x 3.7 m x 2.4 m H (Trailer)
- 5.5 m x 3.0 m x 3.0 m H (Cable Shed)
- 8.5 m x 4.9 m x 2.4 m H (Tool Shed)
- 4.9 m x 3.7 m x 2.4 m H (Storage Shed)
- 2.4 m x 2.4 m x 2.4 m H (Storage shed)
- 9.7 m x 6.7 m x 3.7 m H (Flat Steel storage Shed)

Work Plan

- owner shall locate and de-energize all utilities attached to the structures;
- owner may remove any items, materials or equipment deemed salvagable and transport to designated site within mine property;
- remove any stored hydrocarbons, place in proper containers and ship off site;
- remove all Asbestos Type 1 panelling, place in proper containers and dispose of in designated landfill;
- demolish all structures using mechanical means and dispose of all material in designated landfill; and
- clean up, grade site and leave in an orderly manner.

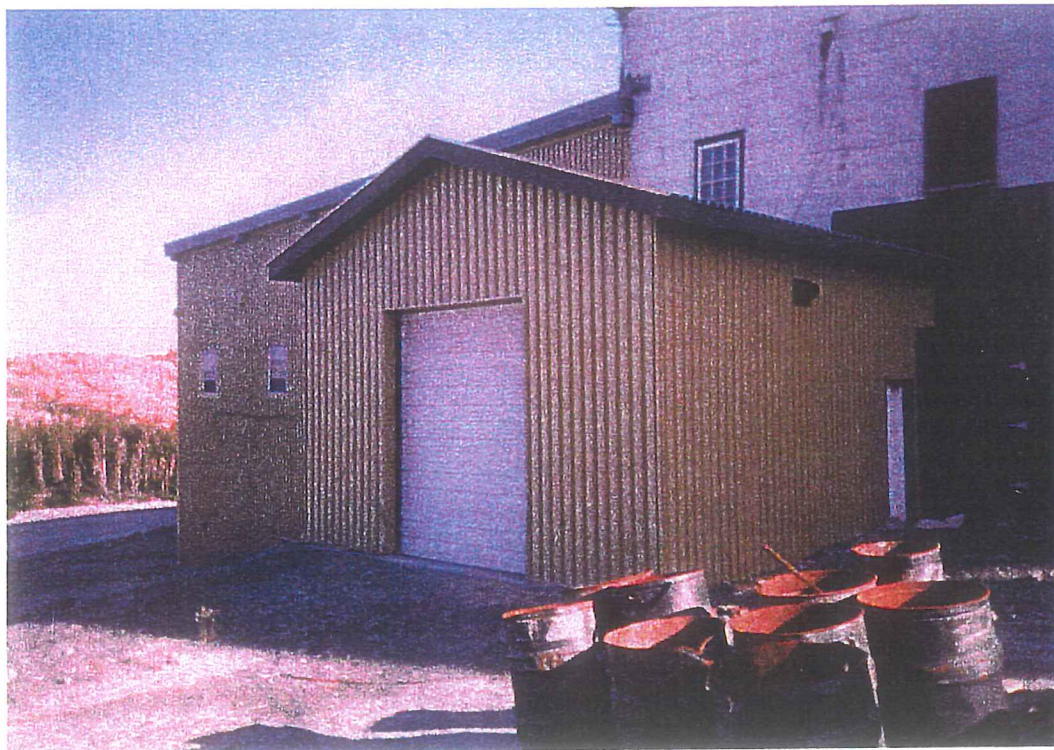
Special Items

- Asbestos Type 1

Health & Safety Issues

- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- enforce safe handling practices for asbestos and hydrocarbons;
- Enforce safe work practices for demolition type projects.

**"C" SHAFT
CHEMICAL REAGENT BUILDING
AT OLD MILL**



Use

- reagent storage tanks

Construction

- steel frame; steel roof & siding; double walled; fiberglass insulation; and concrete slab foundation.

Size

- 6.1 m x 5.5 m x 3.05 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any items deemed salvageable and transport to a designated site within the mine property;
- remove reagent tanks and dispose of them in designated landfill;
- dismantle building and dispose of all material in designated landfill;
- demolish concrete and dispose of all material in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Possible chemical residues

Health & Safety Issues

- workers to wear Class "D" as minimum protection.

**"C" SHAFT
SERVICE CORRIDOR
OLD MILL AND ROASTER**



Typical Exterior



Typical Interior



Typical Interior

Use

- abandoned utility corridor

Construction

- wood structure; steel racks and piping; and wood foundation.

Size

- 91.5 m x 1.8 m x 2.7 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any items, equipment or materials deemed salvageable and transport to designated area within mine site;
- demolish structure using mechanical means and dispose of all materials in designated landfill;
- clean up, grade site and leave in an orderly manner.

Special Items

- No known hazards

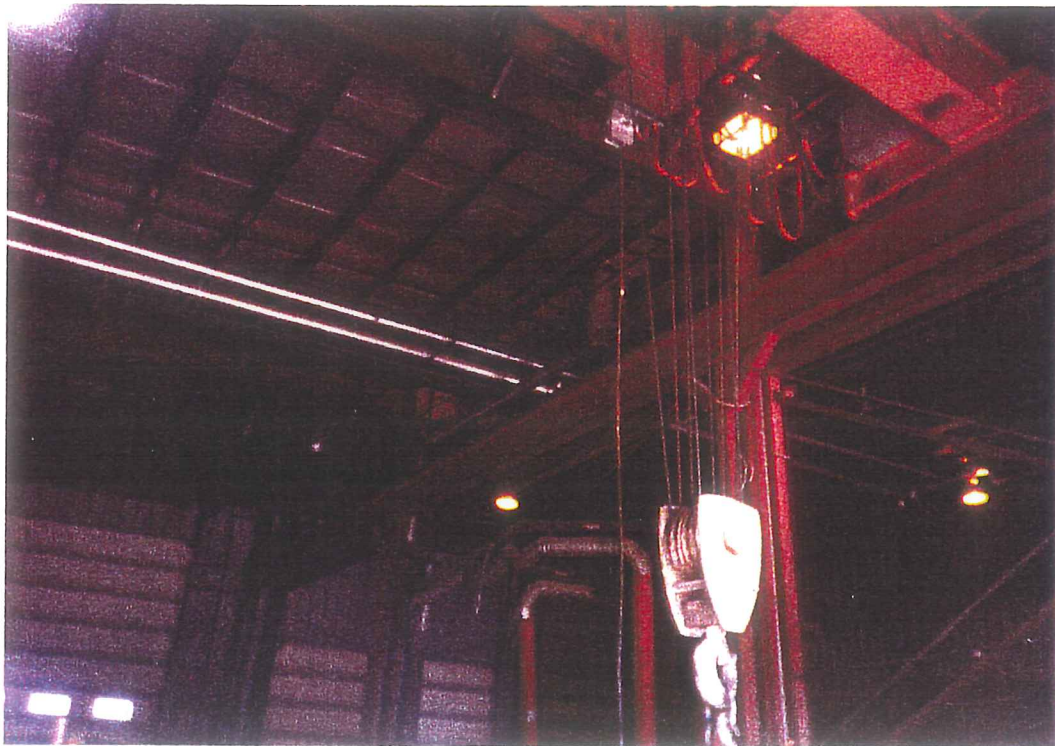
Health & Safety Issues

- workers to wear Class "D" as minimum protection; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #007
MOBILE REPAIR SHOP**



Typical Interior



Typical Interior

Use

- mobile repair shop

Construction

- Robertson building; steel frame; steel roof & siding; double walled; welded steel; fiberglass insulation; steel mezzanine; concrete floor & footings; machinery & equipment.

Size

- 18.3 m x 15.3 m x 6.1 m H

Work Plan

- owner shall locate and de-energize all utilities attached to building;
- owner may remove any items, material or equipment deemed salvageable and transport to designated area within mine site;
- check for stored hydrocarbons and, if identified, remove, place in proper containers and ship off site;
- check electrical equipment for ballast and capacitors that might contain PCBs;
- check lighting fixtures for presence of mercury vapour;
- if any of these items are identified, then remove, properly store and ship off site;
- dismantle building and dispose of all materials in designated landfill;
- demolish all concrete and dispose of all materials in designated landfill; and
- clean up, grade and leave site in an orderly manner.

Special Items

- Possible PCBs
- Possible mercury vapour
- Hydrocarbons
- Heavy machinery

Health & Safety Issues

- workers to wear Class "D" as minimum protection;
- enforce safe handling practices for hydrocarbons, PCBs and mercury vapour; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
HOUSE ABOVE MOBILE EQUIPMENT SHOP**



Use

- abandoned

Construction

- single-storey wood structure; and wood foundation.

Size

- 6.1 m x 4.6 m x 3.05 m H

Work Plan

- no attached utilities;
- demolish using mechanical means and dispose of material in designated landfill; and
- clean up, grade site and leave in an orderly manner.

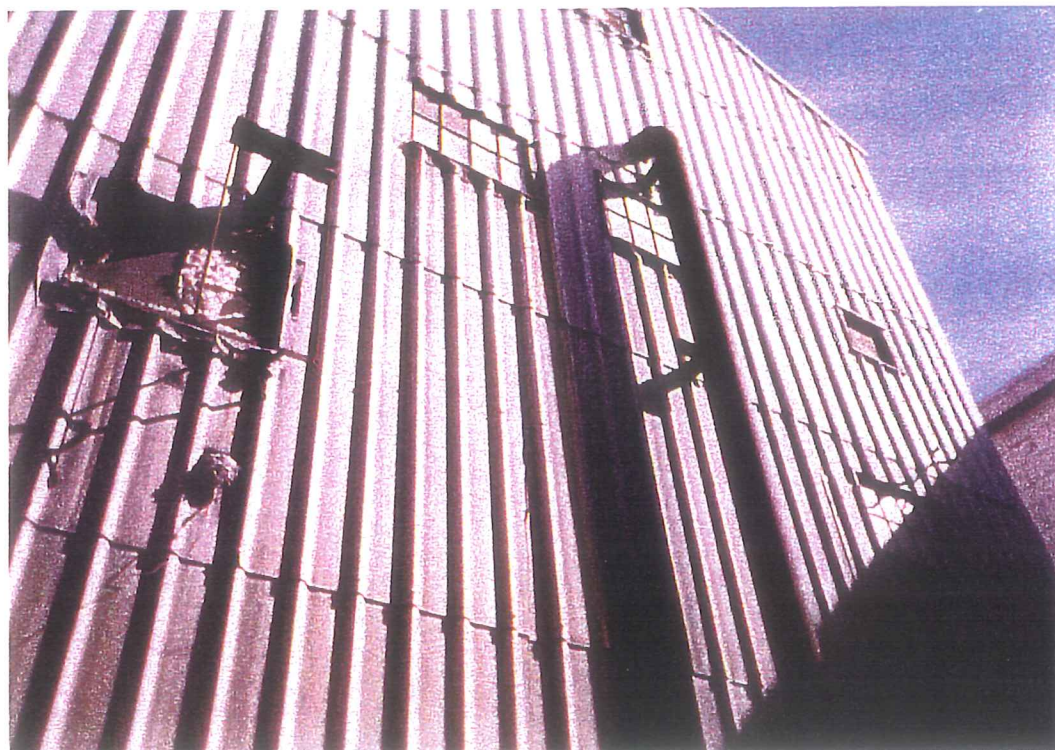
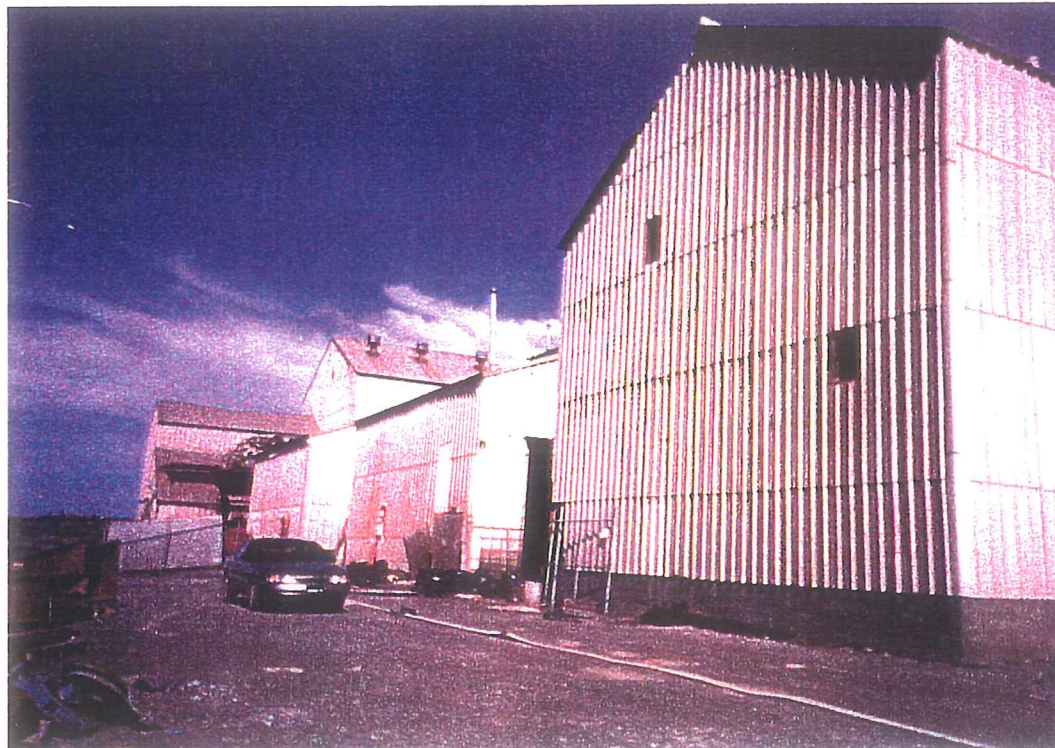
Special Items

- no known hazards

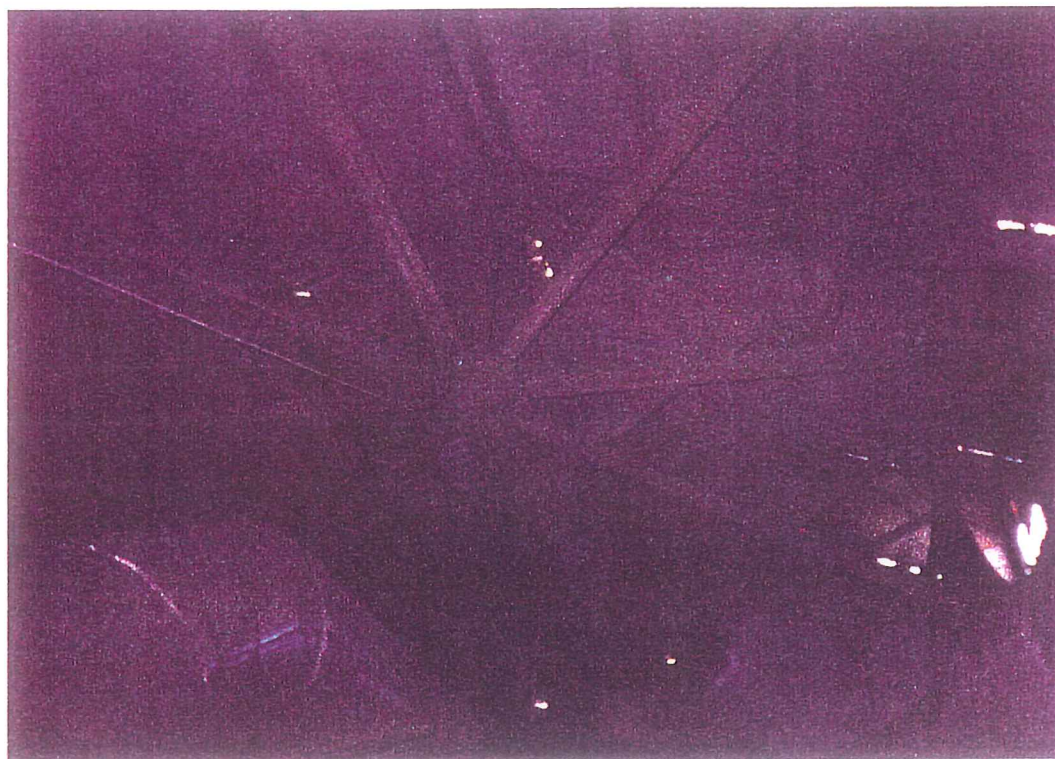
Health & Safety Issues

- workers to wear Class "D" as minimum protection; and
- enforce safe work practices for demolition type projects.

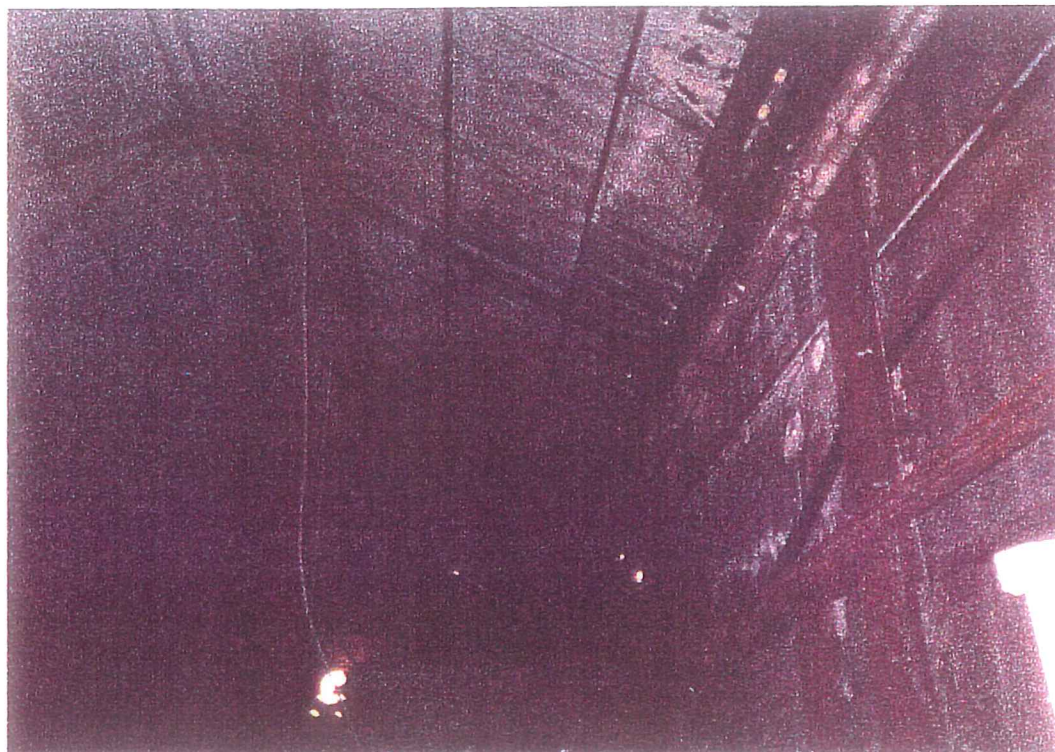
**"C" SHAFT
BUILDING #143
DORRCO PLANT**



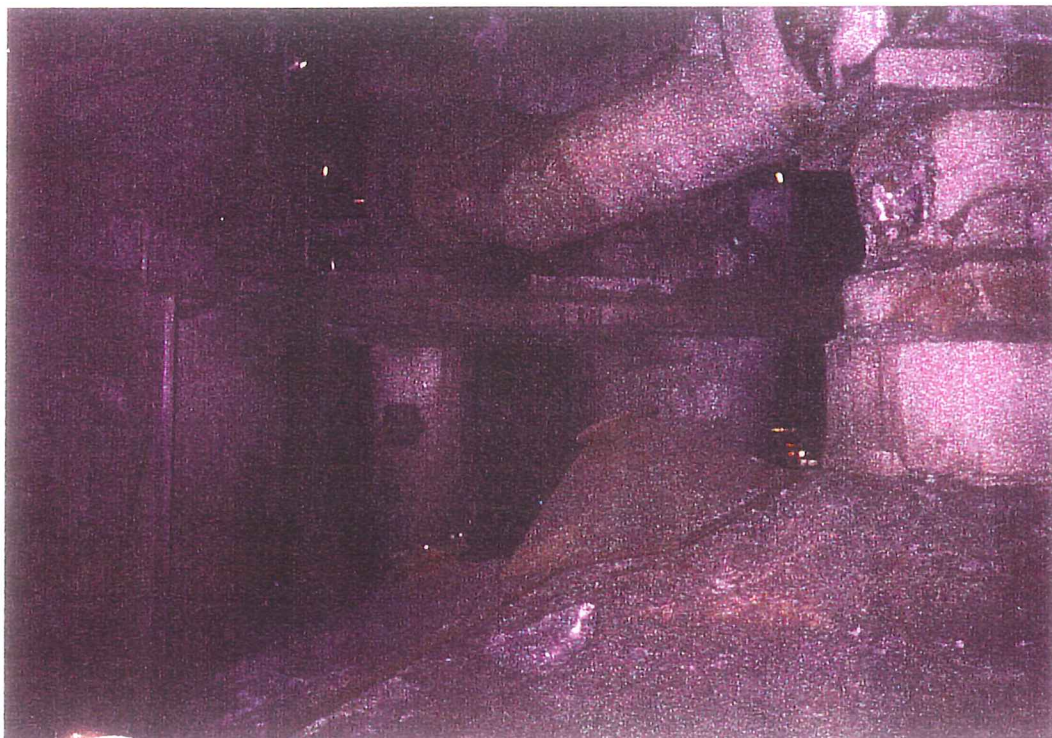
Typical Exterior



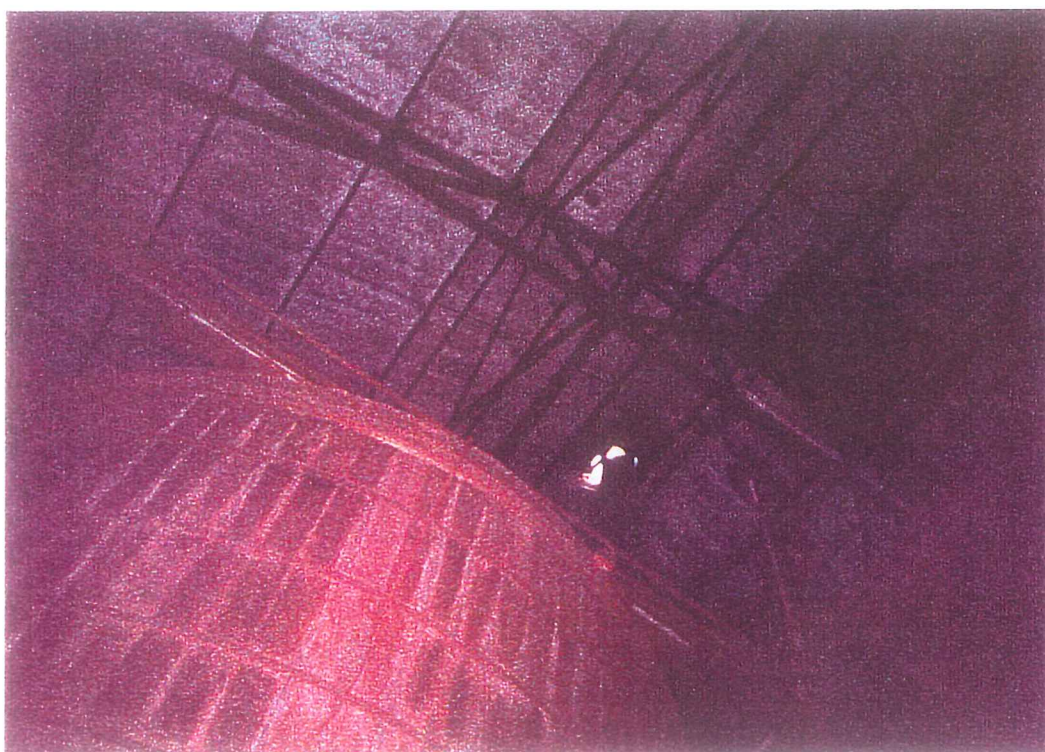
Typical Steel Structural Interior



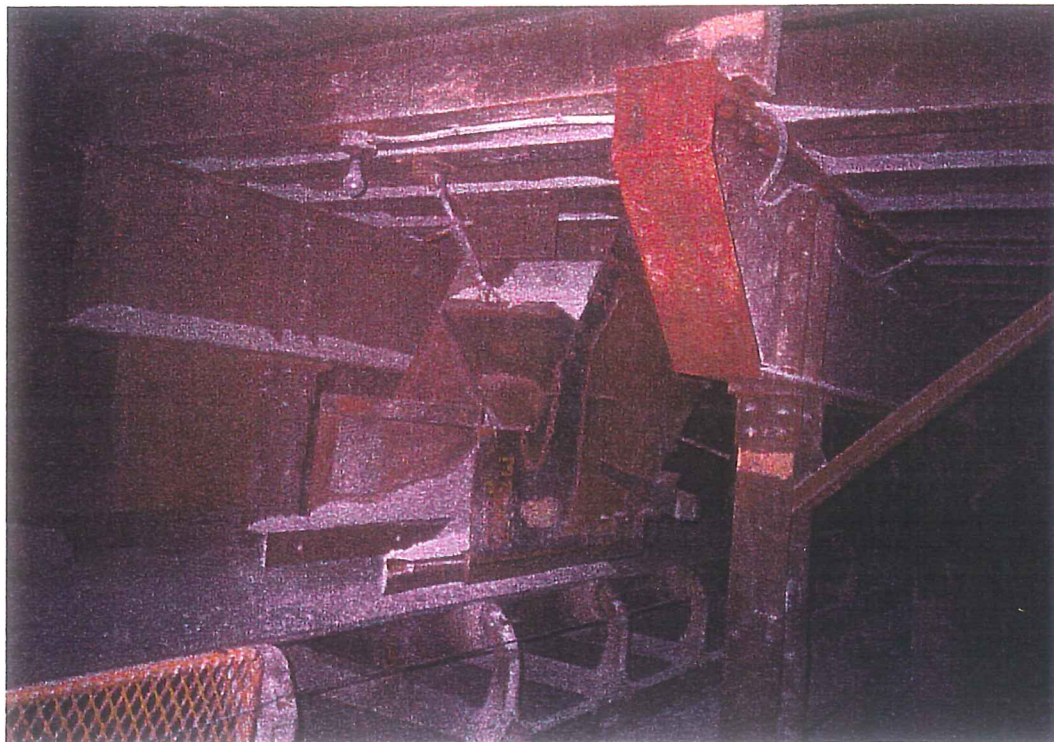
Typical Ceiling & Wall Showing Asbestos Type 2



Typical Asbestos Type 2 Pipe Insulation



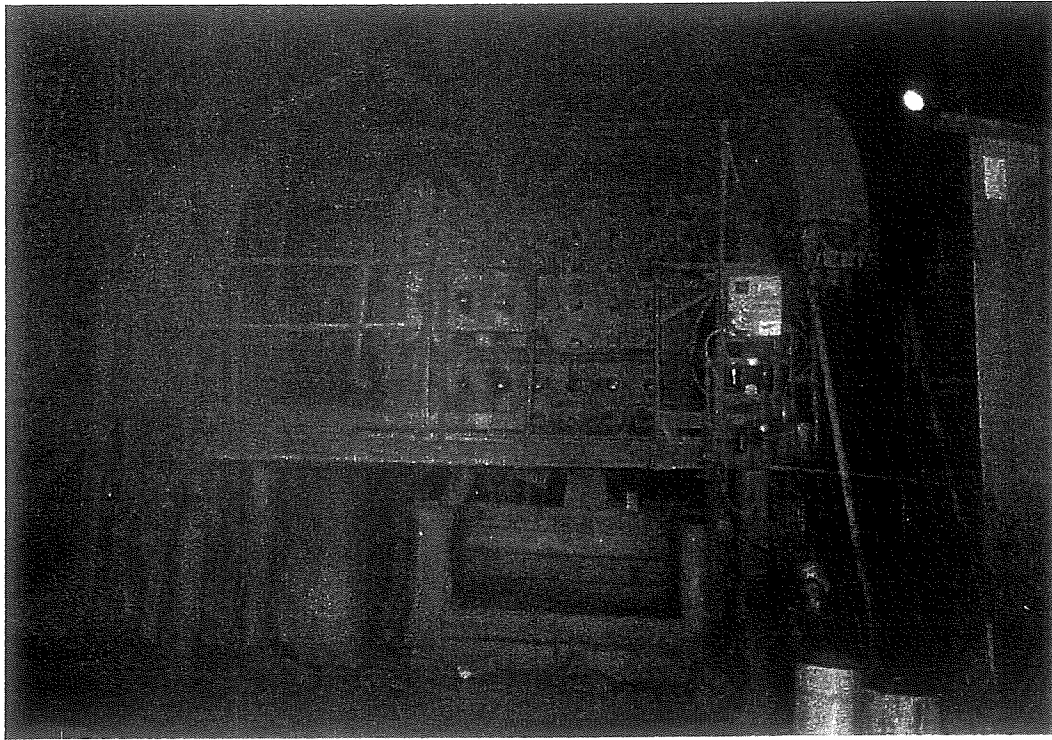
Typical Steel Structural



Typical Machinery



Wood Infracstructure



Ball Mill Typical Equipment

Use

- abandoned

Construction

- multiple level structure; steel frame; Asbestos Type I roofing; Asbestos Type 1 siding; Asbestos Type 2 insulation & on machinery; structural steel; concrete floor, foundation & pedestals; electrical room; and heavy equipment.

Size

- 29.4 m x 24.7 m x 11.8 m H (average)

Work Plan

- owner shall locate and de-energize all utilities attached to structure;
- owner may remove any items, materials or equipment deemed salvageable and transport to a design area within the mine property;
- owner has first right to reclaim any building materials, equipment, dust or ore residue that might contain elements of gold;
- this must be done in such a manner as to not impede demolition schedules;
- check all electrical equipment for ballast or capacitors that might contain PCBs or mercury switches;
- if identified, then remove, properly contain and ship off site;
- completely drain all equipment, machinery and tanks of hydrocarbons, properly contain and ship off site;
- remove Asbestos Type 2, properly contain and dispose of same in designated landfill;
- remove all exterior Asbestos Type 1 and dispose of same in designated landfill;
- demolish remnants of structure and dispose of all materials in designated landfill;
- remove heavy machinery as safe access is provided by progress of demolition;
- demolish all concrete footings, foundations and pedestals and dispose of all material in designated landfill;
- backfill all pits or excavations caused by demolition with approved material; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Elevated levels of arsenic dust
- Asbestos Type 1
- Asbestos Type 2
- Hydrocarbons
- Possible PCBs
- Possible mercury
- heavy machinery

Health & Safety Issues

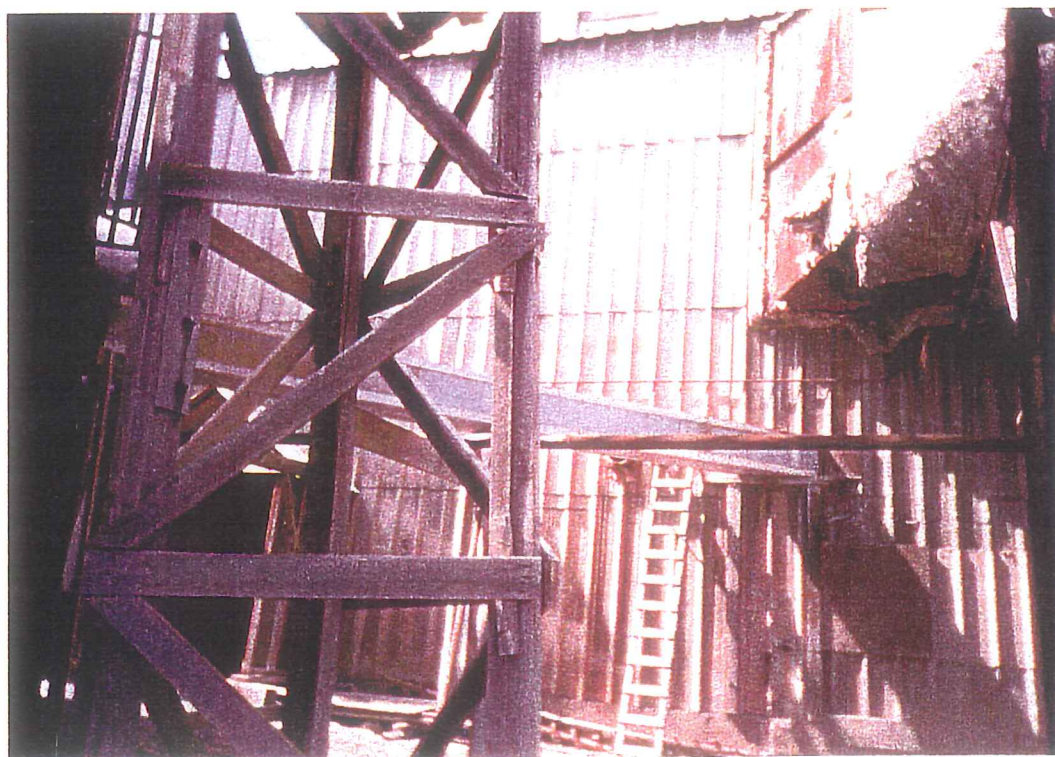
- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- enforce work practices that minimize the creation of arsenic and asbestos dust;
- enforce safe handling practices for asbestos, hydrocarbons, mercury and arsenic impregnated materials;
- enforce good hygiene for workers; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #134
COTTRELL PLANT**



Exterior Looking West

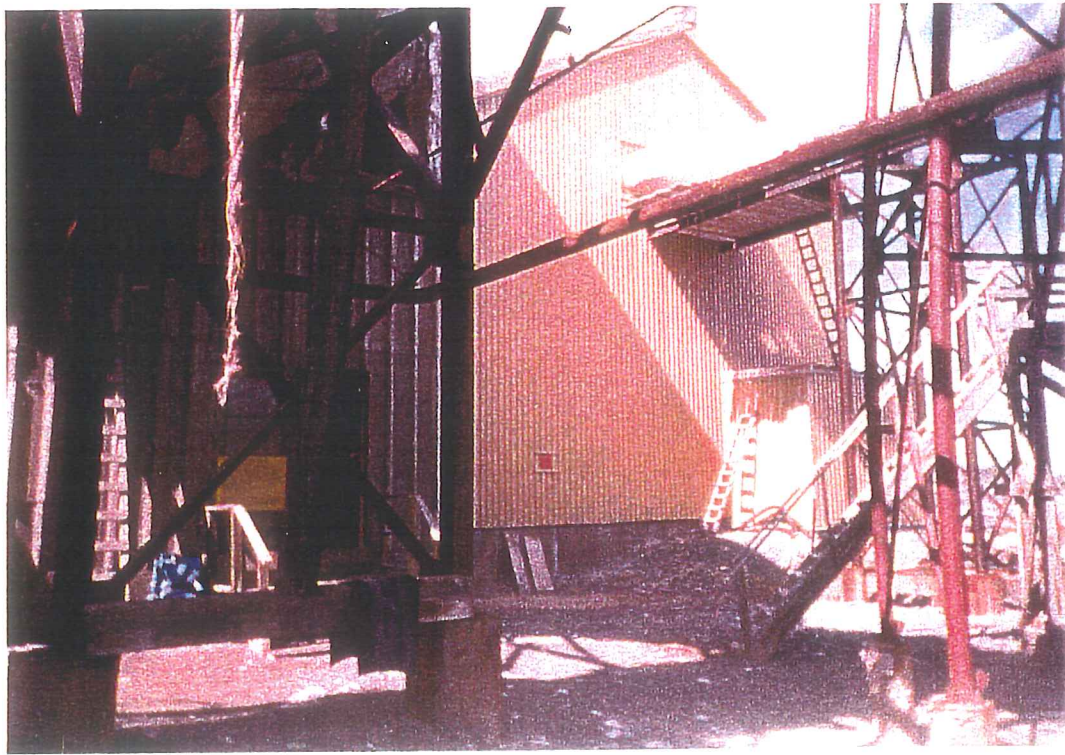
GAIA Contractors



Exterior Looking East



Exterior View Looking Southwest



Exterior View Looking Northwest

Use

- abandoned

Construction

- multiple levels; steel frame; Asbestos Type 1 roof; Asbestos Type 1 siding on interior and exterior; Asbestos Type 2 pipe wrapping; concrete foundation and pedestals; electrical equipment; and heavy machinery.

Size

- 27.7 m x 16.5 m x 8.9 m H (average)

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any item, material or equipment deemed salvageable and transport to a designated site within the mine property;
- collect and package all arsenic residue and dispose of in designated landfill;
- check all electrical equipment for ballast and capacitors which may contain PCBs and mercury switches;
- if identified, then remove, properly contain and dispose of same off site;
- if found, sample all transformer fluids and send to lab for testing for possible PCBs;
- completely drain all equipment, machinery, tanks and transformers of hydrocarbons, properly contain and ship off site as per test results;

- remove all Asbestos Type 2, package properly and dispose of same in designated landfill;
- remove all Asbestos Type 1, transport and dispose of same in designated landfill;
- demolish remnants of building using mechanical means and dispose of all materials in designated landfill;
- remove heavy machinery when demolition provides safe access to do so;
- demolish all concrete footings, foundations and pedestals and dispose of all material in designated landfill;
- backfill any pits, or excavations caused from the demolition with approved material; and
- clean up, grade site and leave in an orderly manner.

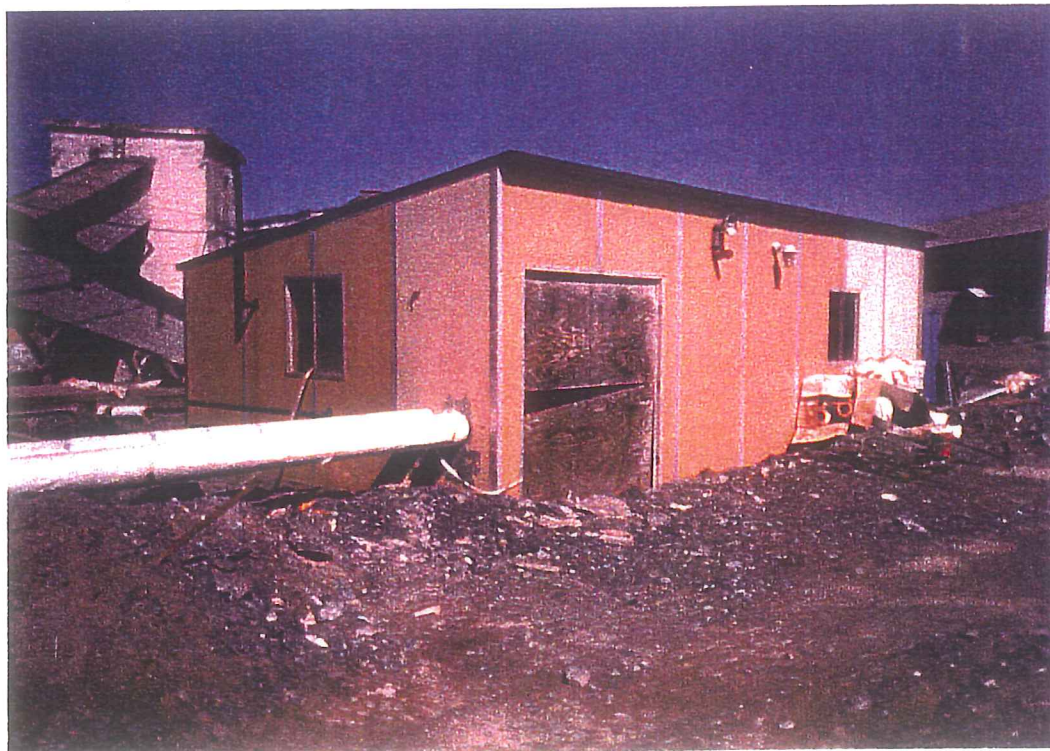
Special items

- Elevated levels of arsenic
- Asbestos Type 1
- Asbestos Type 2
- Hydrocarbons
- Possible PCBs
- Possible Mercury
- Heavy machinery

Health & Safety Issues

- workers to wear Class "B" when cleaning up arsenic dust;
- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- enforce safe handling practices for asbestos, arsenic, hydrocarbons, PCBs and mercury;
- minimize dust resulting from arsenic and asbestos removal and disposal; and
- enforce safe work practices for demolition type projects.

"C" SHAFT PUMP SHACK



Use

- provides water for the mine

Construction

- prefabricated building; over cistern; concrete foundation and foam insulation.

Size

- 8.5 m x 3.7 m x 2.4 m H

Work plan

- owner shall locate and de-energize all utilities attached to building;
- owner may remove any items, materials, or equipment deemed salvageable and transport to a designated site within the mine property;
- check for hydrocarbons and, if identified, properly contain and ship off site;
- demolish structure using mechanical means and dispose of all materials in designated landfill;
- demolish all concrete foundations and dispose of all materials in designated landfill;
- backfill any pits or excavations caused by the demolition with approved material; and
- clean up, grade site and leave in an orderly manner.

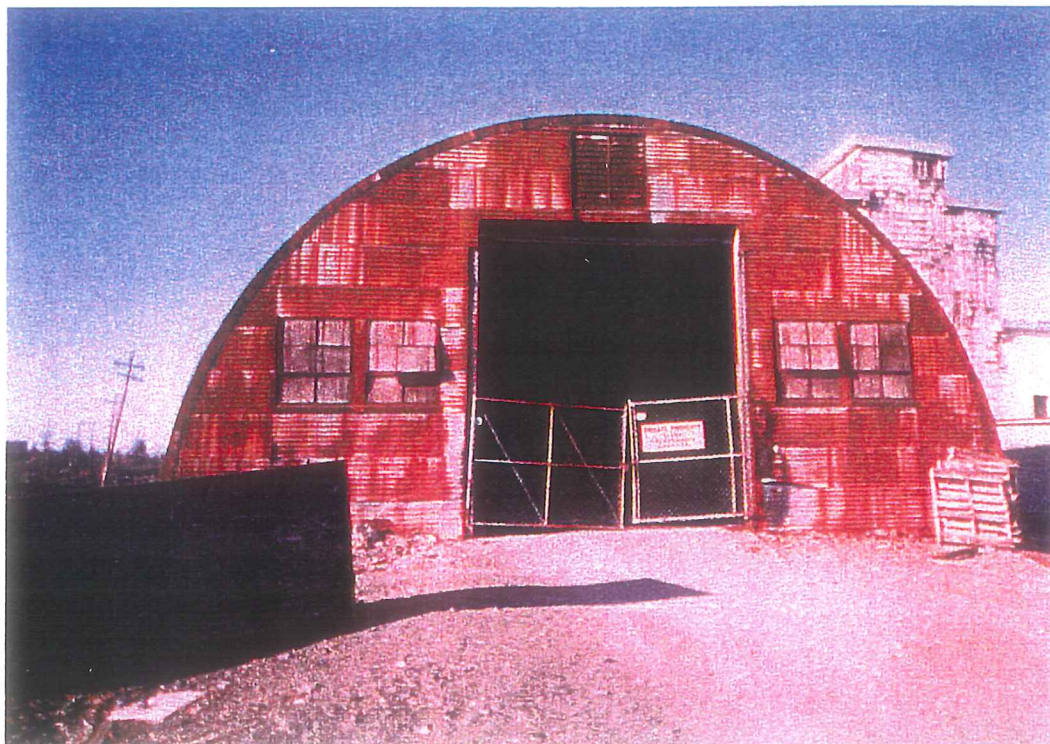
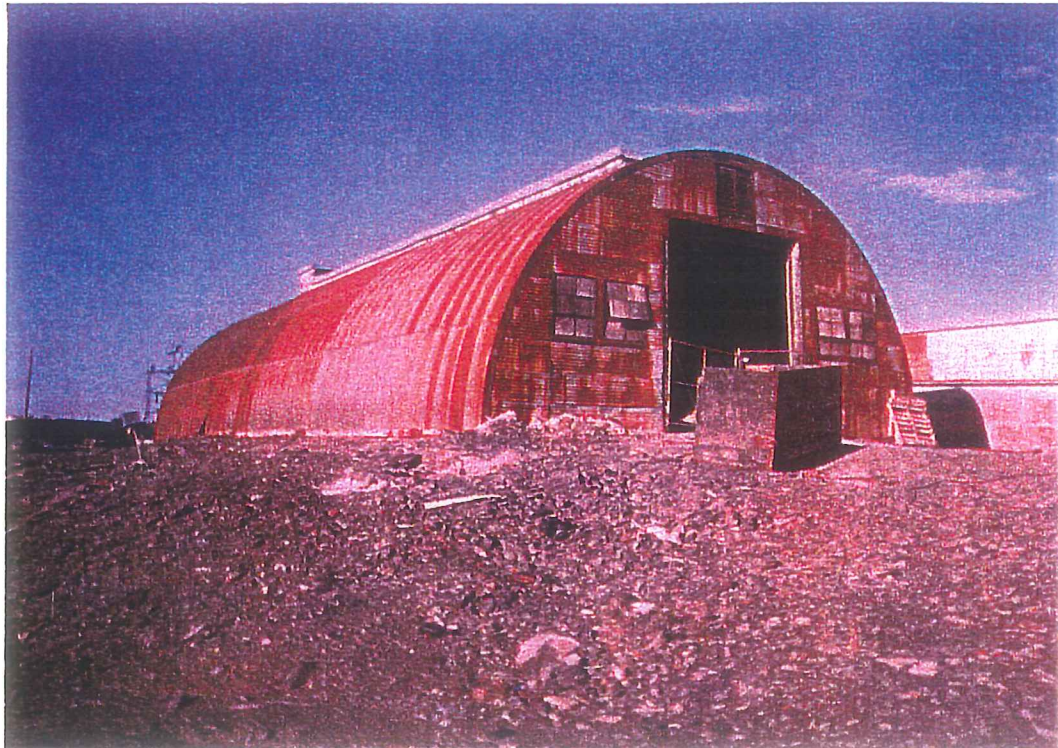
Special Items

- No known hazards

Health & Safety Issues

- workers to wear Class "D" as minimum protection.

**"C" SHAFT
BUILDING #109
REAGENT WAREHOUSE**



Front View

GAIA Contractors

Use

- storage

Construction

- steel nissen hut on timber foundation.

Size

- 30.5 m x 12.2 m x 6.1 m H

Work Plan

- no utilities;
- owner may remove any items deemed salvageable and transport to designated area on the mine property;
- demolish building using mechanical means and dispose of all materials in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- No known hazards

Health & Safety Issues

- workers to wear Class "D" as minimum protection.

**"C" SHAFT
BUILDINGS #100 AND #115
ORE LOADOUT**



Typical Interior



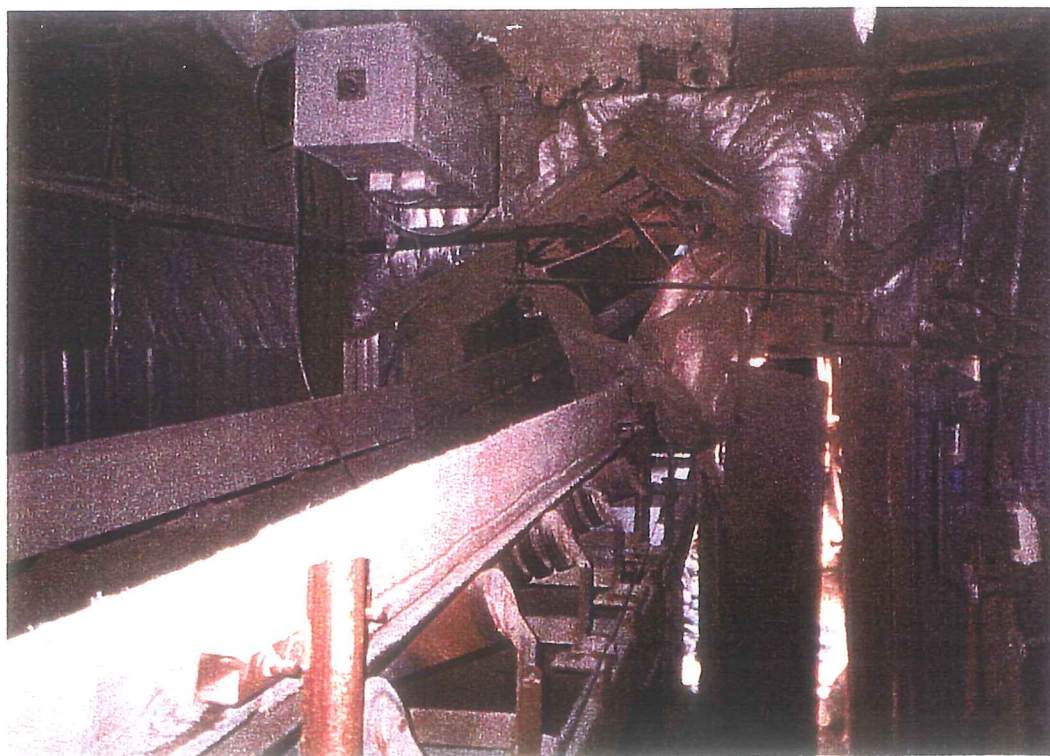
Outside Structural



Exterior Area



Interior



Conveyor to Crusher

Use

- abandoned
- truck dump from open pits
- supply crusher house

Construction

- steel frame; steel siding; insulated fiberglass; concrete foundations & pedestals; structural steel; heavy equipment; and conveyor belts.

Size

- 9.1 m x 9.1 m x 27.4 m H

Work Plan

- owner shall locate and de-energize all utilities attached to structure;
- owner may remove any items, equipment, or material deemed salvageable and transport to designated area within the mine site;
- owner has first right to reclaim any building materials, equipment, ore residue or dust that might contain elements of gold;
- check electrical equipment for capacitors that might contain PCBs or mercury switches or mercury vapours;
- if identified, then remove, properly contain and ship off site;
- dismantle steel siding;
- remove insulation and properly contain;
- dismantle steel frame & structural;
- remove conveyor belts and roll up for shipping;
- remove heavy machinery as demolition permits safe access;
- demolish remnants of structure using mechanical means;
- demolish all concrete structures;
- dispose of all materials resulting from demolition in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Suspect PCBs
- Possible mercury vapours

Health & Safety Issues

- workers to wear Class "D" as minimum protection; and
- enforce safe handling practices for PCBs and mercury.

**"C" SHAFT
CONVEYOR FROM
ORE LOAD TO CRUSHER BUILDING**



Use

- abandoned

Construction

- steel plated construction; conveyor belt; structural steel; and concrete footings.

Size

- 61 m x 1.2 m x 1.8 m H

Work Plan

- owner shall locate and de-energize all utilities attached to structure;
- owner may remove any items, equipment or materials deemed salvageable and transport to a designated area within the mine property;
- owner has first right to reclaim any item, equipment, building material, ore residue or dust that might contain elements of gold;
- dismantle steel structure;
- remove conveyor belt and roll up for transport;
- remove machinery;
- demolish remnants of structure;
- demolish concrete footings;
- dispose of all materials resulting from demolition in designated landfill; and
- clean up, grade site and leave in an orderly manner.

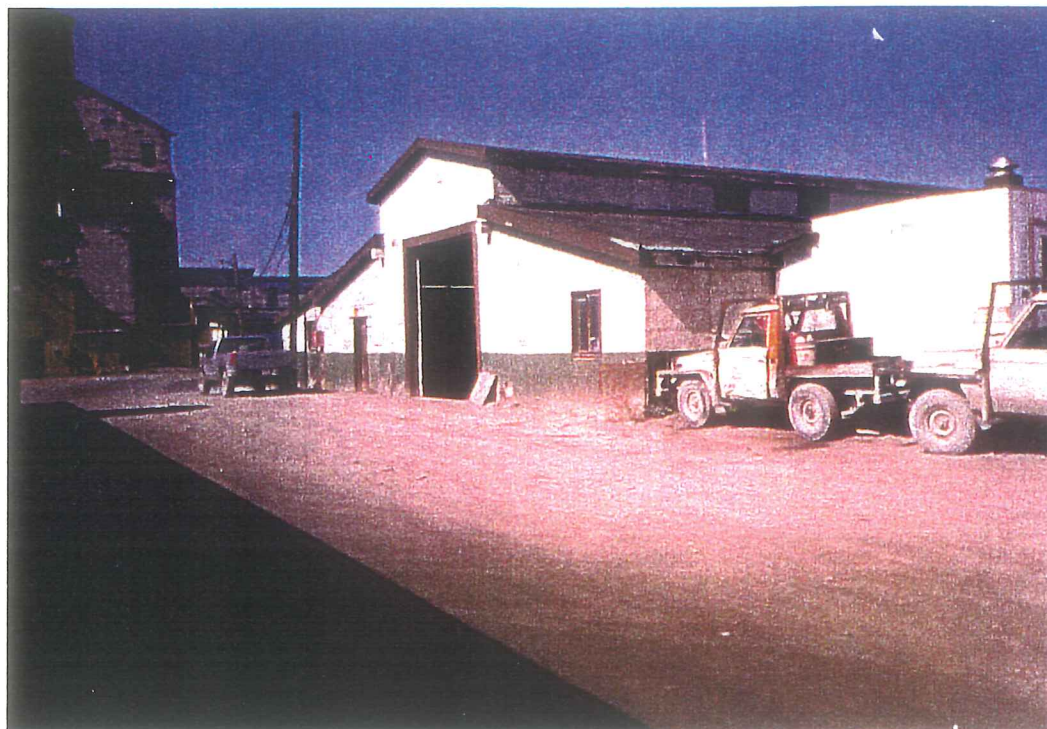
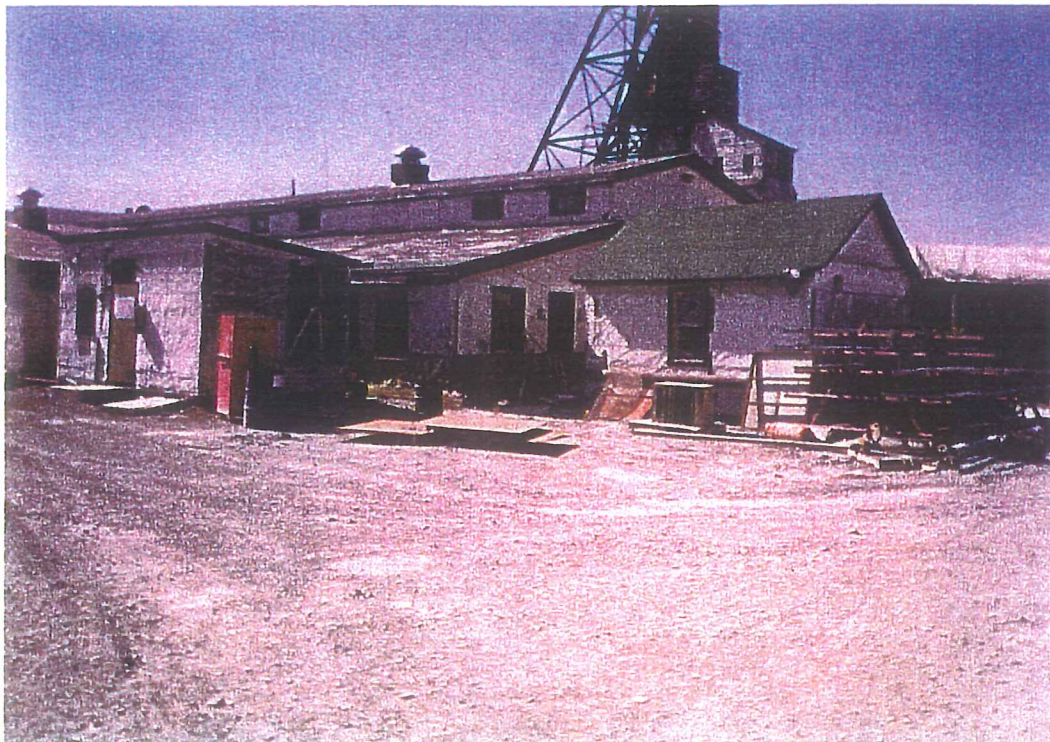
Special Items

- No known hazards

Health & Safety Issues

- workers to wear Class "D" as minimum protection.

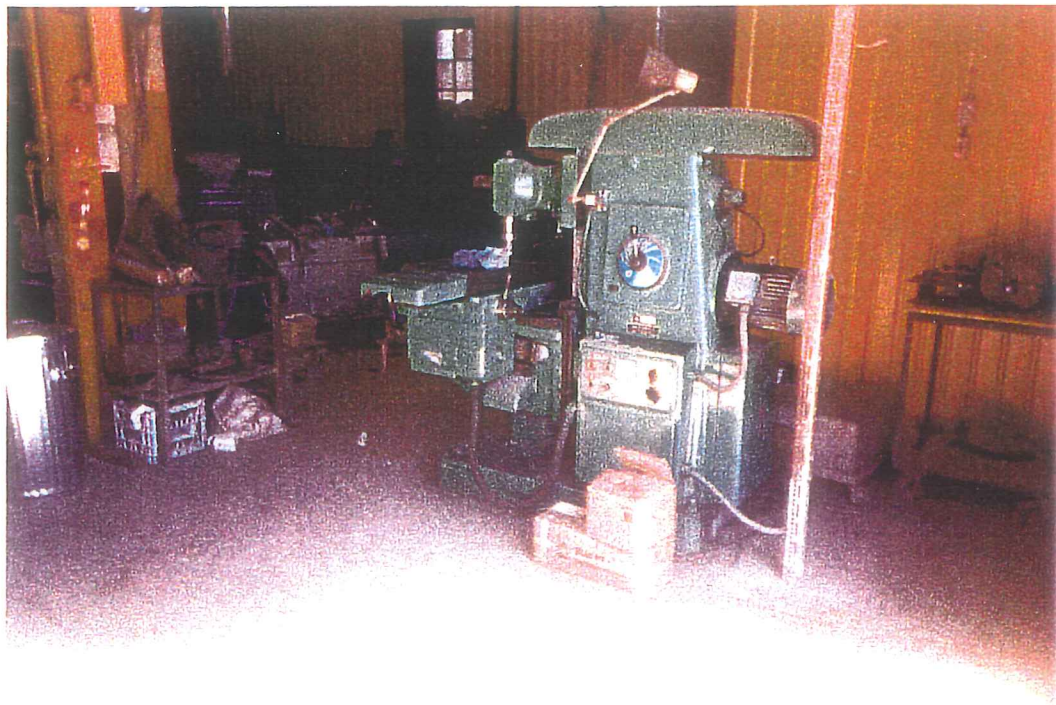
**"C" SHAFT
BUILDINGS #122 AND #84
MACHINE SHOP AND PIPE SHOP**



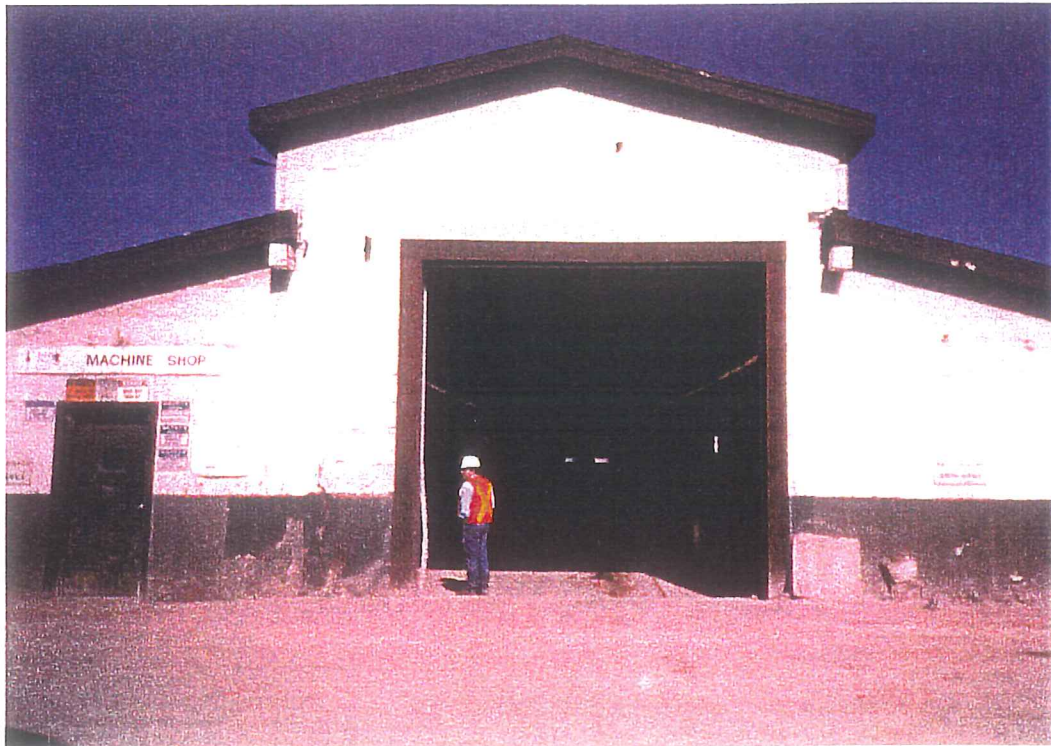
Northeast View



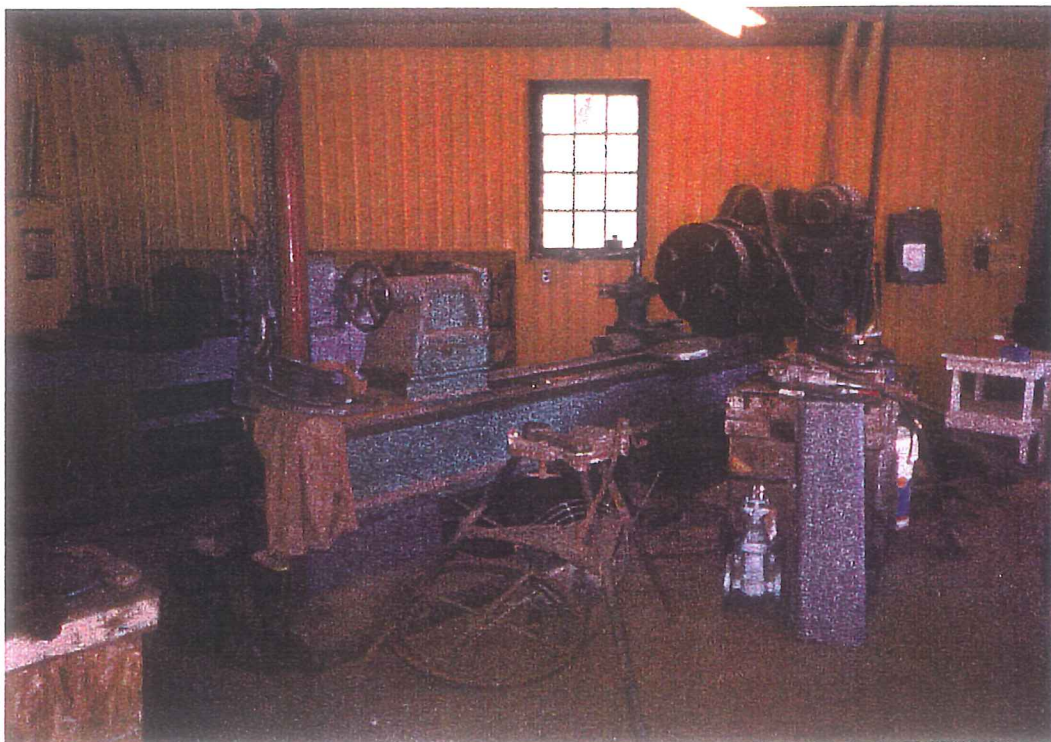
Typical Interior



Typical Machinery



Main Entrance



Typical Machinery
Steel Siding on Interior

Use

- repair shop

Construction

- wood frame structure; concrete floor complete with railway tracks; some steel siding on interior; insulated walls; and machinery.

Size

- 33.2 m x 22.6 m x 4.6 m H

Work Plan

- owner shall locate and de-energize all utilities attached to building;
- owner may remove any items, materials or equipment deemed salvageable and transport to designated area within mine site;
- check electrical equipment for light ballast and capacitors that might contain PCBs;
- check electrical equipment and lights for mercury switches and vapours;
- if any identified, then remove, properly contain and ship off site;
- check for stored hydrocarbons and remove;
- completely drain all machinery of hydrocarbons, properly contain and ship all hydrocarbons off site;
- remove machinery;
- demolish building using mechanical means;
- demolish concrete footings and floor including removal of tracks;
- dispose of all demolition materials in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Hydrocarbons
- Possible PCBs
- Possible Mercury

Health & Safety Issues

- workers to wear Class "D" as minimum protection;
- enforce safe handling practices for hydrocarbons, PCBs and mercury; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #085
WAREHOUSE CONVEYOR BELT YARD**



Use

- storage

Construction

- wood structure on wood stilts

Size

- 15.2 m x 9.8 m x 4.3 m H

Work Plan

- no utilities;
- owner may remove any items, materials or equipment deemed salvageable and transport to a designated area within the mine site;
- demolish building using mechanical means and dispose of all materials in designated landfill; and
- clean up, grade site and leave in an orderly manner.

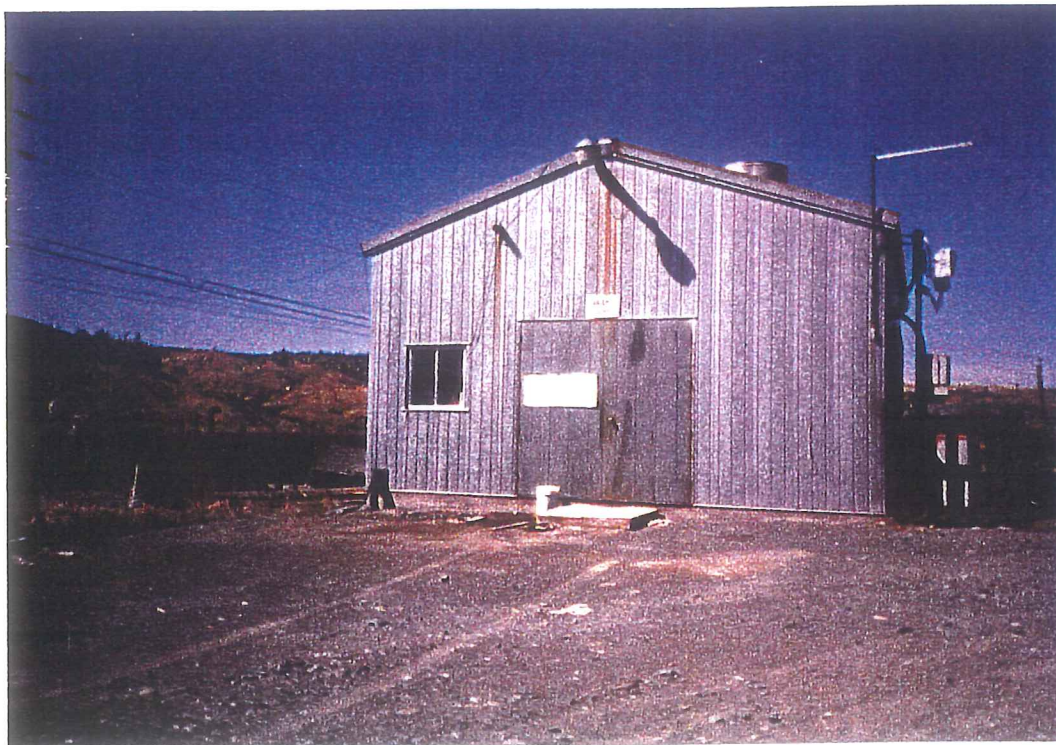
Special Items

- No known hazards

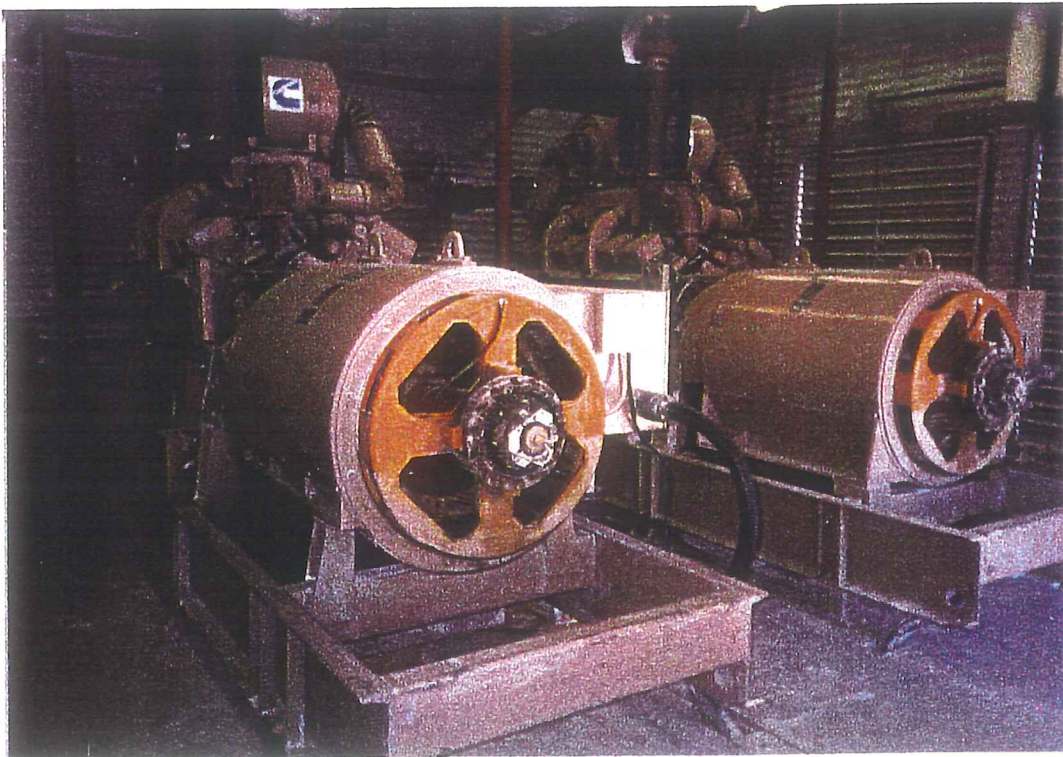
Health & Safety Issues

- workers to wear Class "D" as minimum protection; and
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #059
STANDBY GENERATORS**



Fuel Tank Looking North



Generators



Interior Ceiling

Use

- emergency electrical power

Construction

- Butler Type building; steel walls and roof double walled; fiberglass insulation; concrete slab foundation; machinery; and electrical apparatus.

Size

- 9.2 m x 7.3 m x 3.7 m H

Work Plan

- owner shall locate and de-energize all utilities attached to building;
- owner may remove any items, equipment or materials deemed salvageable and transport to a designated area within mine property;
- check electrical equipment for light ballast and capacitors that might contain PCBs and switches for mercury;
- if identified, then remove, properly contain and ship off site;
- completely drain all tanks and machinery of hydrocarbons, properly contain and ship off site;
- remove heavy machinery and dispose of same;
- dismantle building;
- demolish remnants of structure;
- demolish all concrete floors and foundations;
- remove fuel tank and cut up to accommodate placement in landfill;
- dispose of all materials resulting from demolition in designated landfill;
- backfill any pits or excavations resulting from demolition with approved material; and
- clean up, grade site and leave in an orderly manner.

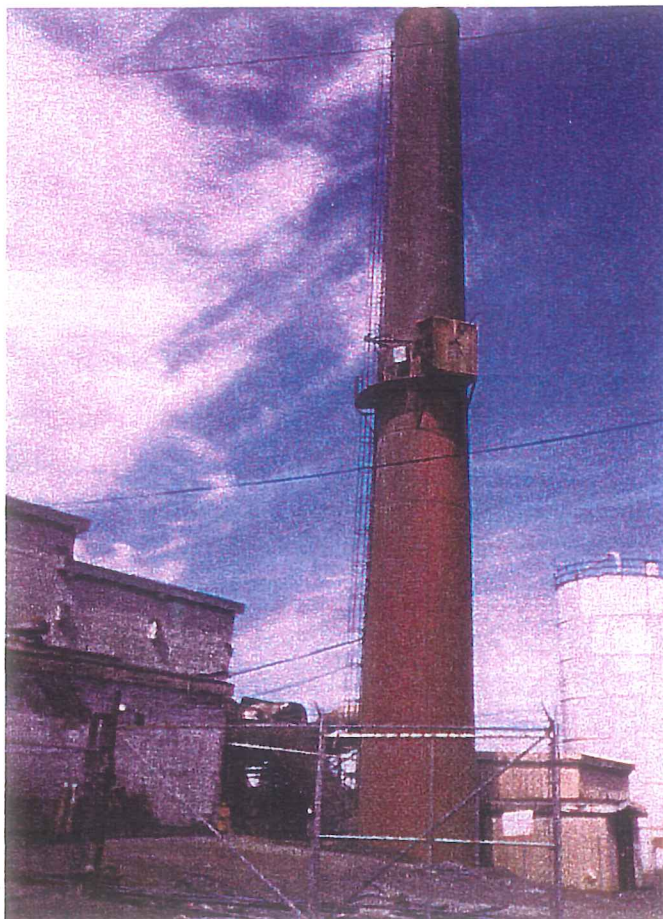
Special Items

- Hydrocarbons
- Possible PCBs
- Possible mercury

Health & Safety Issues

- workers are to wear Class "D" as minimum protection;
- enforce safe handling practices for hydrocarbons, PCBs and mercury; and
- ensure safe work practices for demolition type projects.

**"C" SHAFT
CHIMNEY**



Use

- abandoned

Construction

- brick chimney; Asbestos Type 2 liner; and concrete foundation.

Size

- 4.9 m dia. @ base
- 2.7 m dia. Inside lining 45.7 m H

Work Plan

- owner shall locate and de-energize all utilities attached to structure;
- chimney demolition;
- collect, properly package and dispose of all asbestos and arsenic residue in designated landfill;
- demolish concrete foundation;
- dispose of all materials resulting from demolition in designated landfill; and
- clean up, grade site and leave in orderly manner.

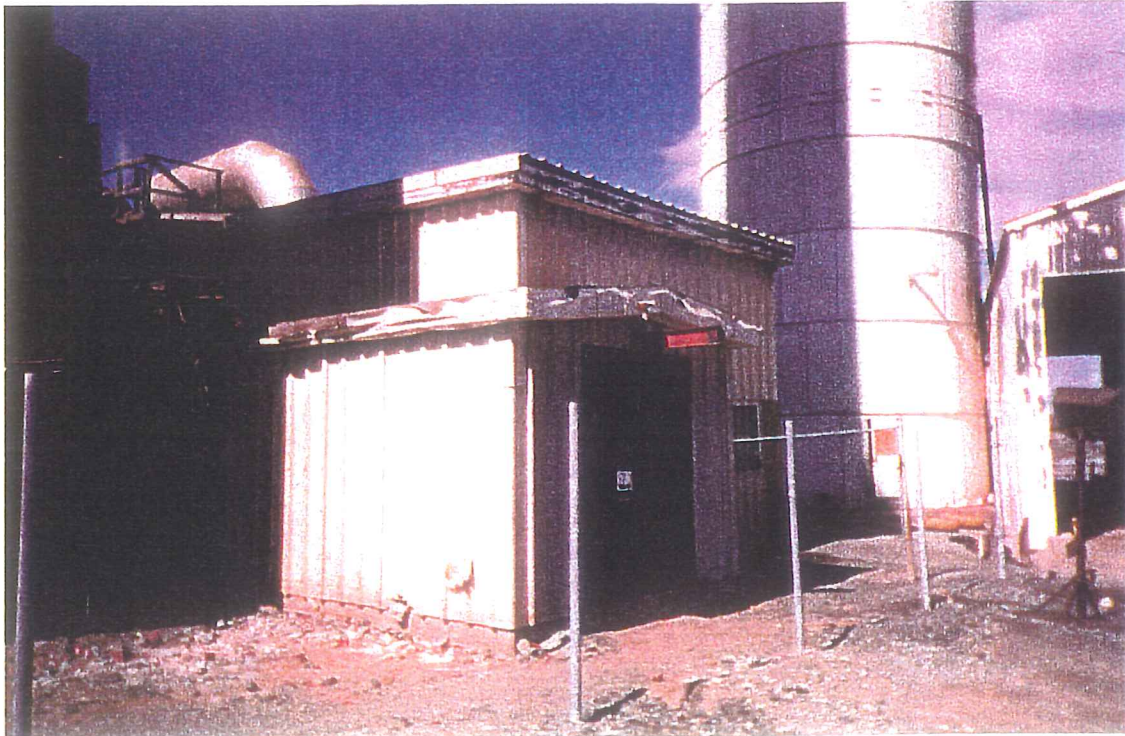
Special Items

- Elevated levels of arsenic dust
- Elevated levels of asbestos dust

Health & Safety Issues

- demolition to be done in best manner possible to contain dust;
- all workers to wear Class "C" complete with dust particle respirators as minimum protection;
- enforce safe work practices for demolition type projects.

**"C" SHAFT
BUILDING #148
FAN HOUSE AND STRUCTURAL STEEL**



Use

- abandoned

Construction

- steel frame; Asbestos Type 1 siding; Asbestos Type 1 roof; concrete slab foundation; machinery; exterior piping; and exterior structural steel.

Size

- 9.8 m x 6.1 m x 4.9 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structure;
- owner may remove any items, material or equipment deemed salvageable and transport to a designated area within the mine site;
- remove all Asbestos Type I panels from roof and siding;
- demolish remnants of structure, piping and steel structure;
- demolish concrete foundations;
- dispose of all materials in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

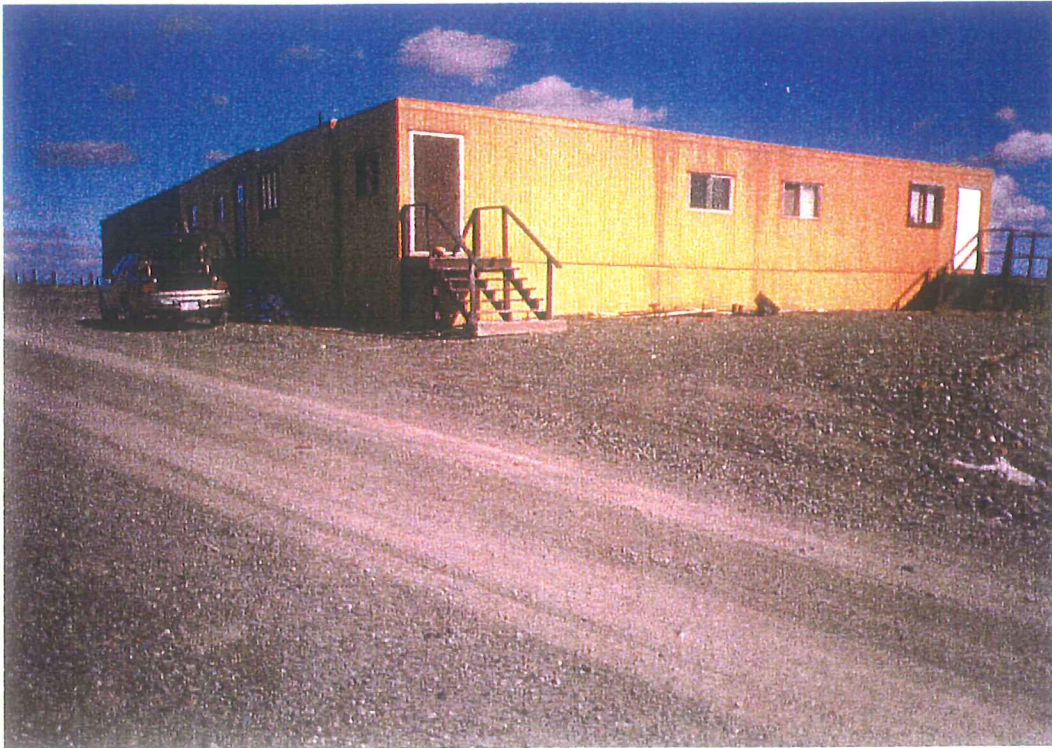
- Asbestos Type 1

Health & Safety Issues

- workers to wear Class "D" as minimum protection;
- enforce safe handling practices for asbestos; and
- enforce safe work practices for demolition type projects.

G6
T.R.P. SITE

T.R.P. SITE OFFICE TRAILERS



Use

- abandoned
- storage

Construction

- modular mobile office trailer complex on timber supports.

Size

- 2 units @ 14.6 m x 3.7 m
- 3 units @ 14.6 m x 3.1 m

Work Plan

- owner shall locate and de-energize all utilities attached to structures;
- owner may remove any items, materials or equipment deemed salvageable and transport to an area designated within the mine property;
- dismantle and remove or demolish buildings using mechanical means and dispose of all material in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- No known hazards

Health & Safety Issues

- workers to wear Class "D" as minimum protection; and
- enforce safe work practices for demolition type projects.

**T.R.P. SITE
CARBON REACTIVATOR BUILDING
CHEMICAL ADDITION**

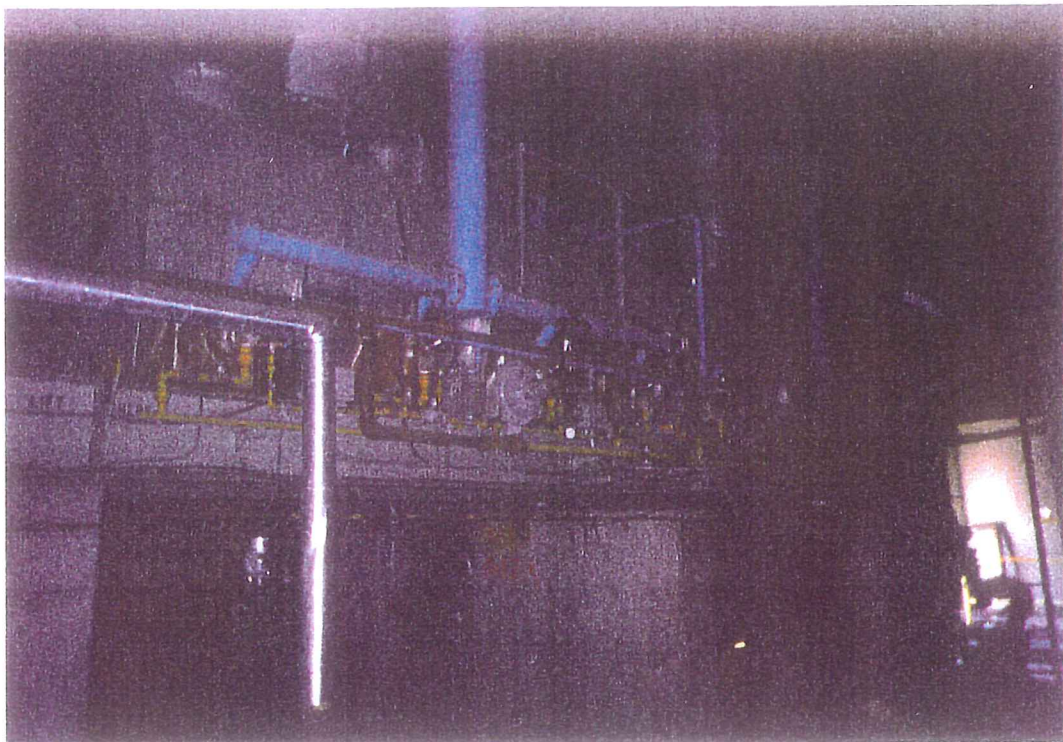


Looking South

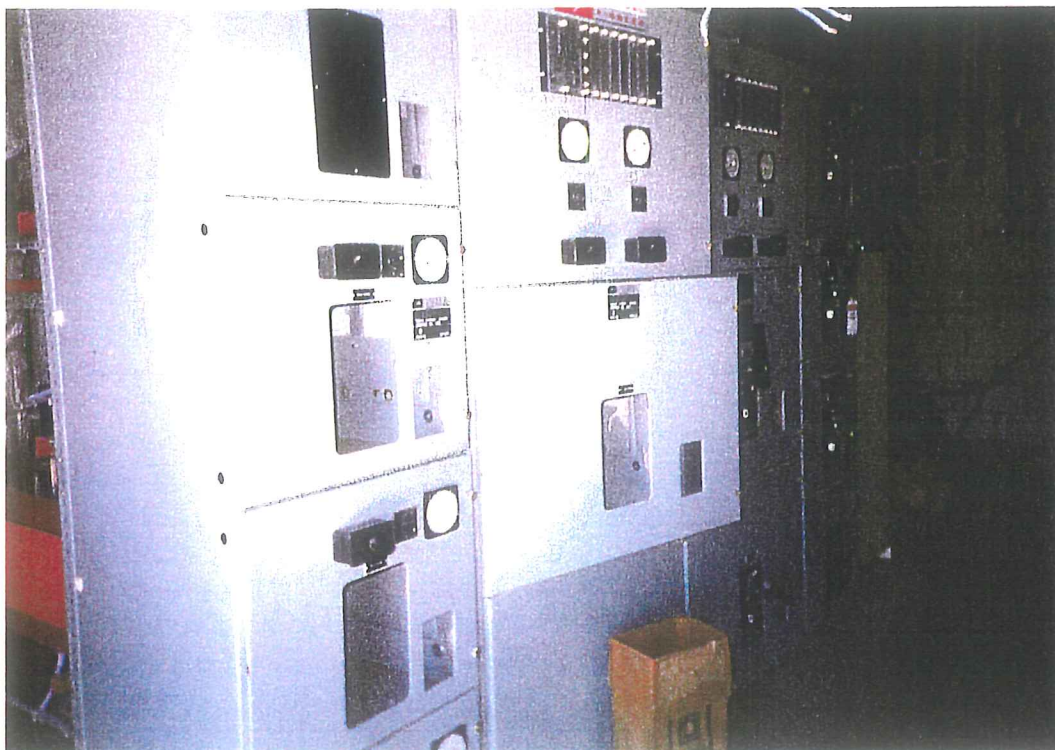
GAIA Contractors



Looking Southwest



Kiln Placement



Typical Electrical Equipment

Use

- abandoned

Construction

- steel frame; steel roof & siding double walled; insulated; concrete floor, foundation & pedestals; concrete block wall partitions; steel mezzanines; electrical equipment; heavy machinery; chemical tanks; transformers; and perimeter chain link fence.

Size

- 45.7 m x 15.2 m x 12.2 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any items, material or equipment deemed salvageable and transport to an a designated area within the mine property;
- owner has first right to reclaim any building materials, equipment, tailings or residue that might contain elements of gold;
- this must be done so as not to impede the demolition process;
- check all electrical equipment for light ballast and capacitors that might contain PCBs and for mercury switches and lights that may contain mercury vapour;
- take samples from transformer fluid and send to lab for testing;

- drain all transformers, equipment, machinery and tanks of hydrocarbons, properly contain and ship off site;
- identify any stored chemicals, remove and properly contain and dispose of as directed;
- dismantle building;
- remove heavy machinery and equipment;
- demolish remnants of structure and dispose of all materials resulting from demolition in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Hydrocarbons
- Chemicals
- Possible PCBs
- Possible mercury vapours
- Heavy machinery

Health & Safety Issues

- workers to wear Class "D" as minimum protection;
- enforce safe handling practices for chemicals, hydrocarbons, mercury and PCBs; and
- enforce safe work practices for demolition type projects.

**T.R.P. SITE
COLD STORAGE BUILDING**



Typical Exterior



Interior

Use

- storage

Construction

- modular steel frame structure on timber foundations; and insulated.

Size

- 30.5 m x 11 m x 3.7 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any items, materials or equipment deemed salvageable and transport to a designated area within the mine property;
- dismantle building and dispose of all material in designated landfill; and
- clean up, grade site and leave in an orderly manner.

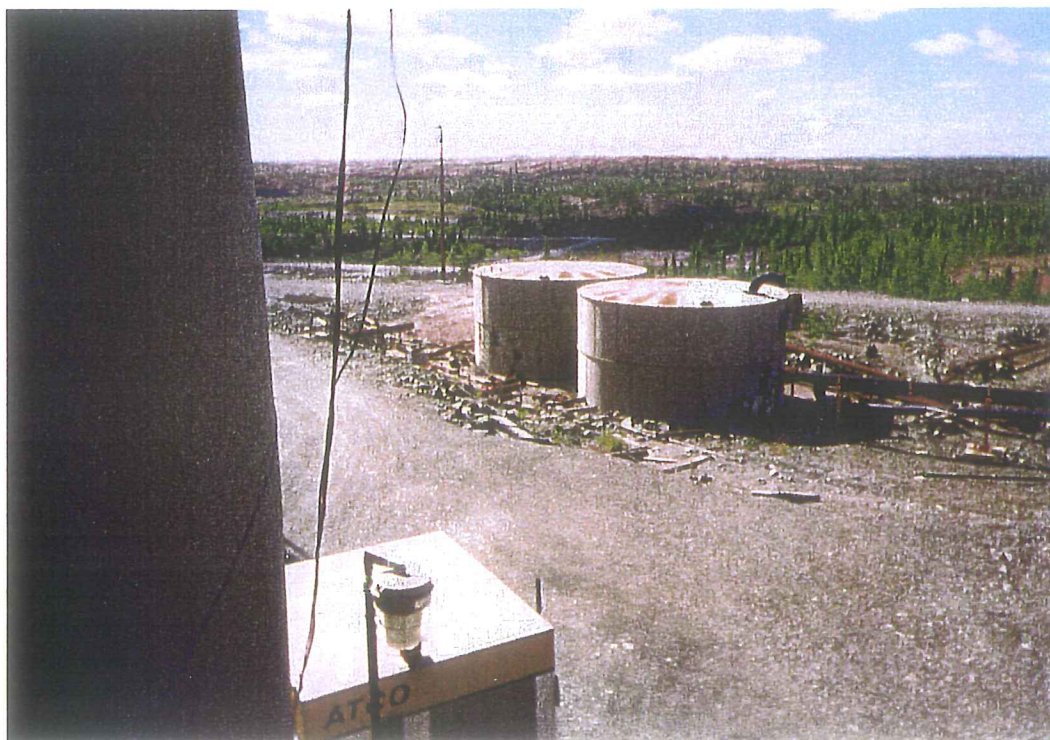
Special Items

- No known hazards

Health & Safety Issues

- workers are to wear Class "D" as minimum protection; and
- enforce safe work practices for demolition type projects.

**T.R.P. SITE
LIME SILO AND TANKS**



Typical Tanks

GAIA Contractors



Use

- abandoned reagent tanks

Construction

- silo is prefabricated steel; tanks are steel; concrete foundations; and assorted piping.

Size

- silo: 4.9 m dia. x 17.1 m H
- acid tank: 3.7 m dia. x 7.3 m H
- cyanide tank: 3.7 m dia. x 7.3 m H
- water tank: 9.1 m dia. x 4.9 m H
- agitator tanks (x2): 9.1 m dia. x 4.9 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structures;
- neutralize all tanks if not already done; collect all residues in proper containers and dispose of as directed;
- dismantle all tanks, silo and auxiliary piping;
- demolish all concrete and dispose of all materials from demolition in designated landfill; and
- clean up, grade site and leave in an orderly manner.

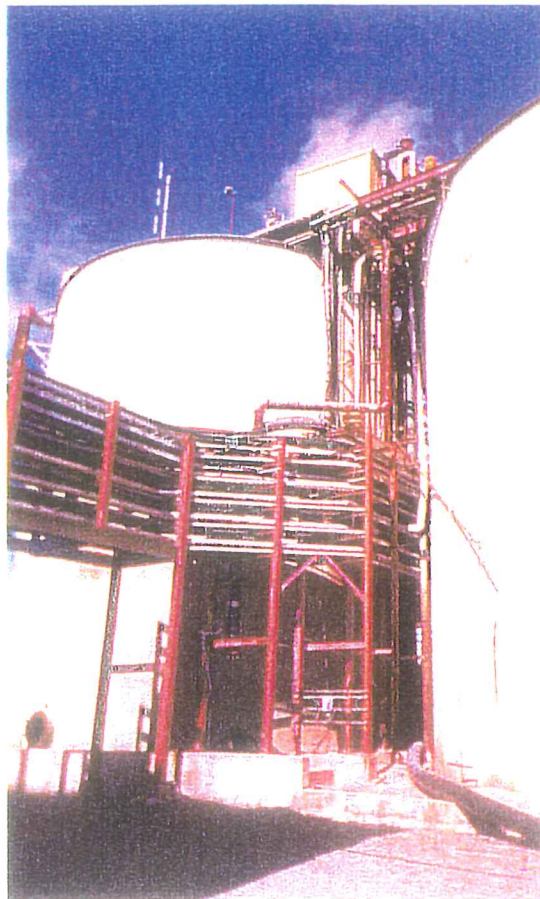
Special Items

- Potential for confined spaces
- Chemical residues

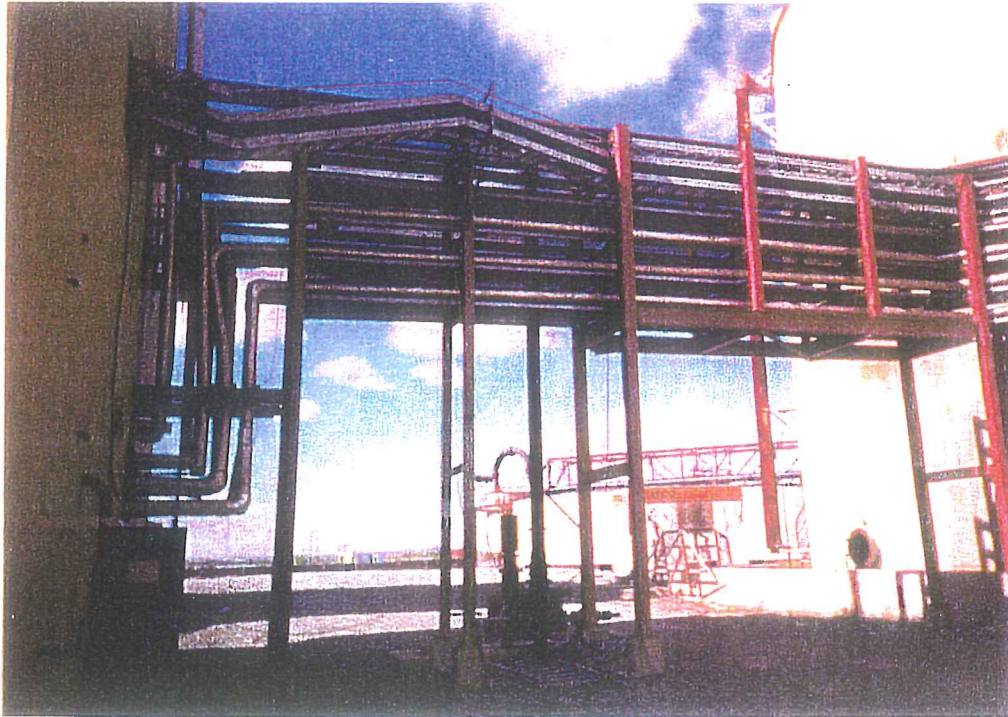
Health & Safety Issues

- workers are not to enter confined spaces without proper training, equipment or authorization;
- when neutralizing, workers are to wear Class "B" complete with chemical vapour respirators unless work is in a confined space; then higher levels of PPE are required;
- when doing actual demolition work, then Class "D" as minimum protection is required
- enforce safe handling of chemicals; and
- enforce safe work practices for demolition type projects.

**T.R.P. SITE
STEEL TRESTLE**



GAIA Contractors

**Use**

- pipe support

Construction

- structural steel; piping; and concrete foundations.

Size

- 15.3 m x 1.8 m x 9.1 m H

Work Plan

- owner shall locate and de-energize all utilities in location of trestle;
- dismantle trestle, piping and electrical, etc.;
- demolish all concrete footings and foundations and dispose of all materials resulting from the demolition in designated landfill; and
- clean up, grade site and leave in an orderly manner.

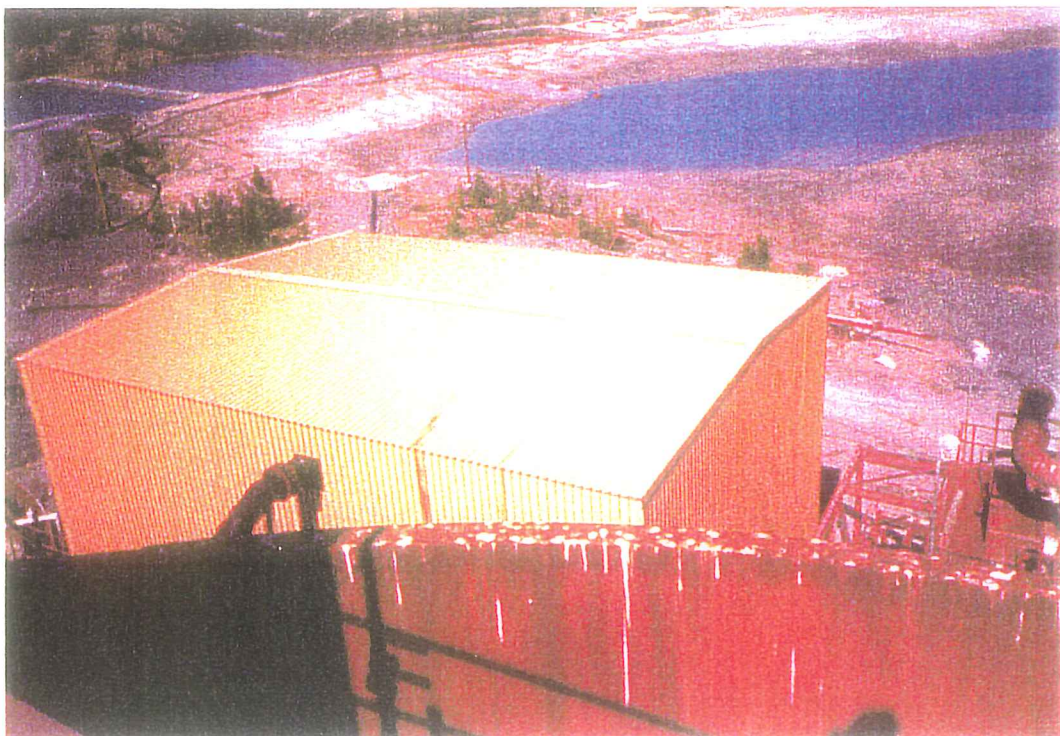
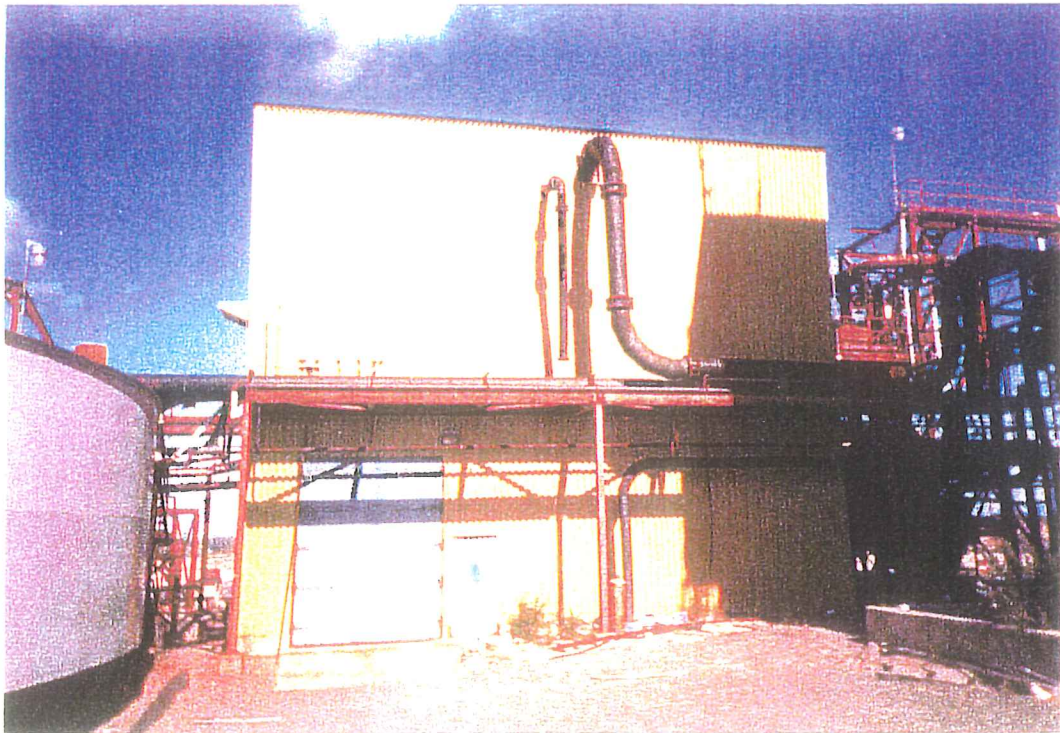
Special Items

- No known hazards

Health & Safety Issues

- workers to wear Class "D" as minimum protection.

**T.R.P. SITE
SCREEN HOUSE**



Use

- abandoned

Construction

- Robertson Type structure; steel frame; steel roof & siding; steel floor 2nd Level; concrete floor, foundations & pedestals; mercury vapour lights; and exterior structural steel & piping.

Size

- 15.3 m x 12.2 m x 12 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the building;
- owner may remove any item, equipment, machinery, or material deemed salvageable and transport to a designated area within the mine property;
- remove lights containing mercury vapours, properly contain and ship off site;
- dismantle building and structural steel;
- demolish all concrete foundations, footings and pedestals and dispose of all materials resulting from demolition in designated landfill; and
- clean up, grade site and leave in an orderly manner.

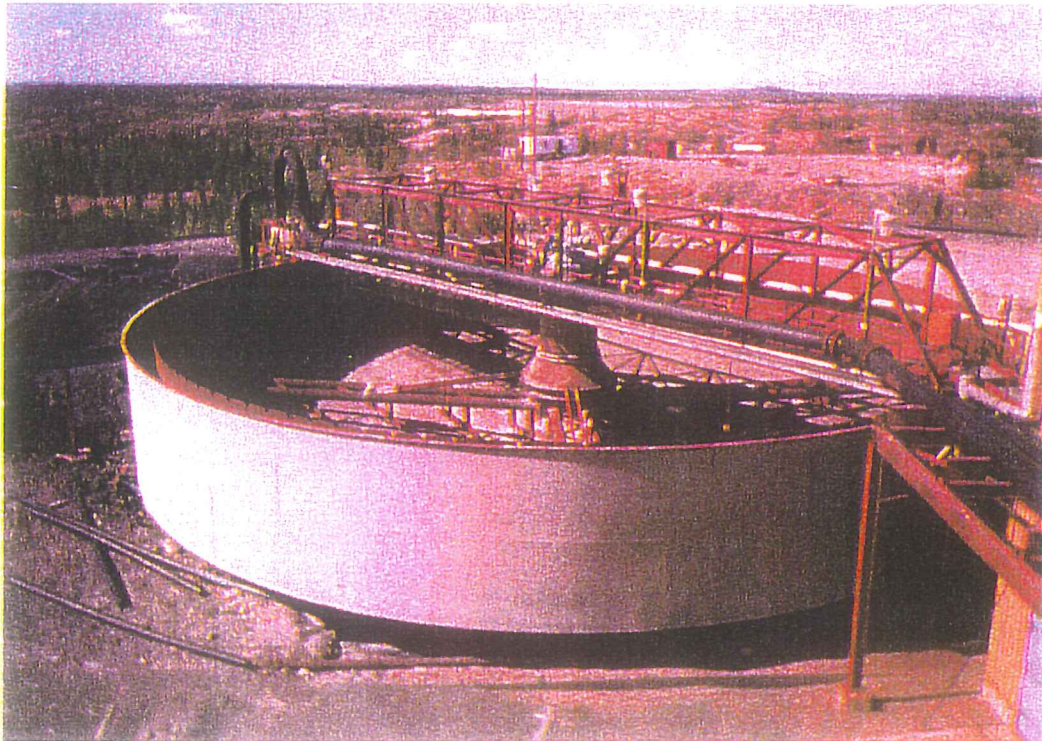
Special Items

- Mercury vapour lights

Health & Safety Issues

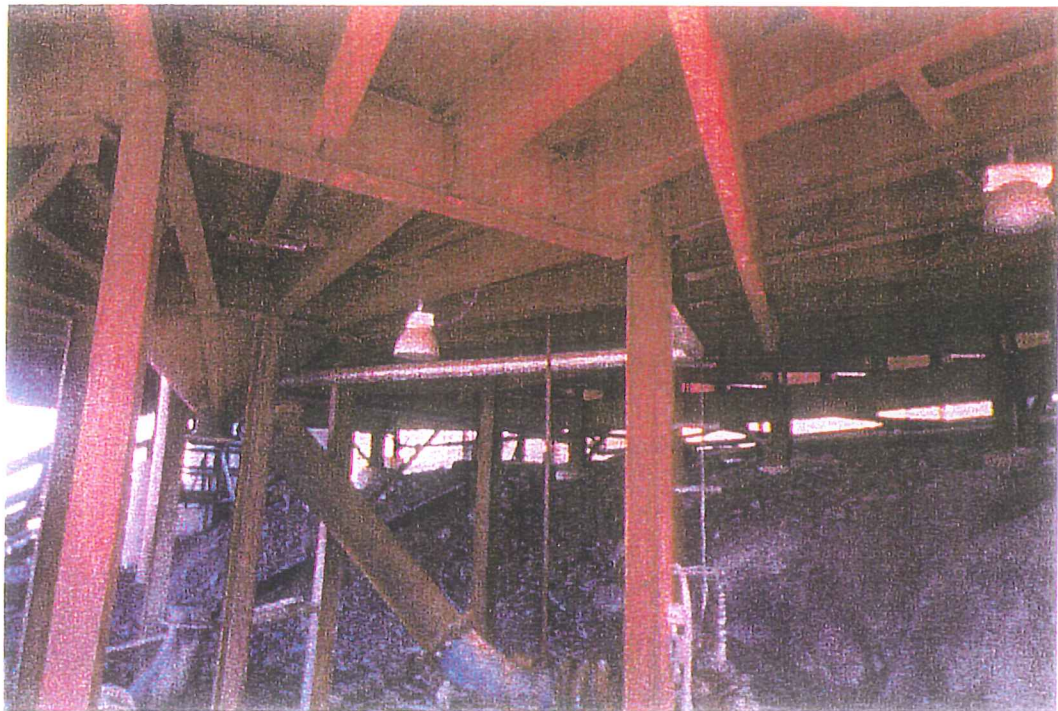
- workers to wear Class "D" as minimum protection;
- enforce safe handling practices for mercury vapour lights; and
- enforce safe work practices for demolition type projects.

**T.R.P. SITE
OUTSIDE THICKENER AND CIRCUIT TANKS**

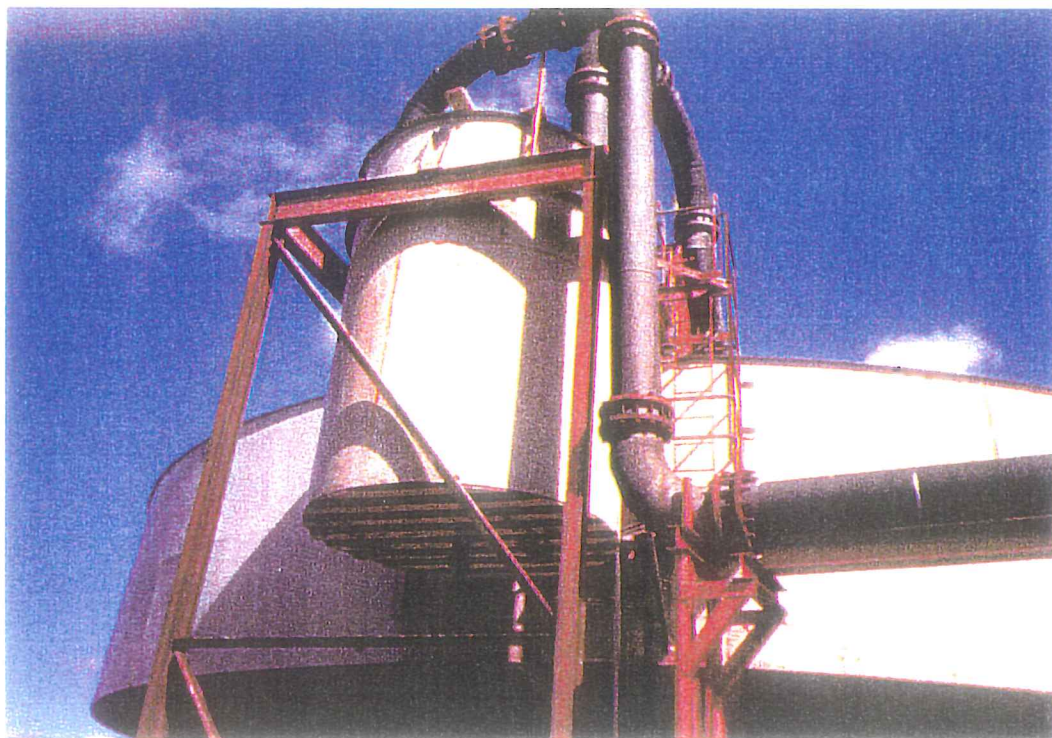


Typical Thickener Steel Construction

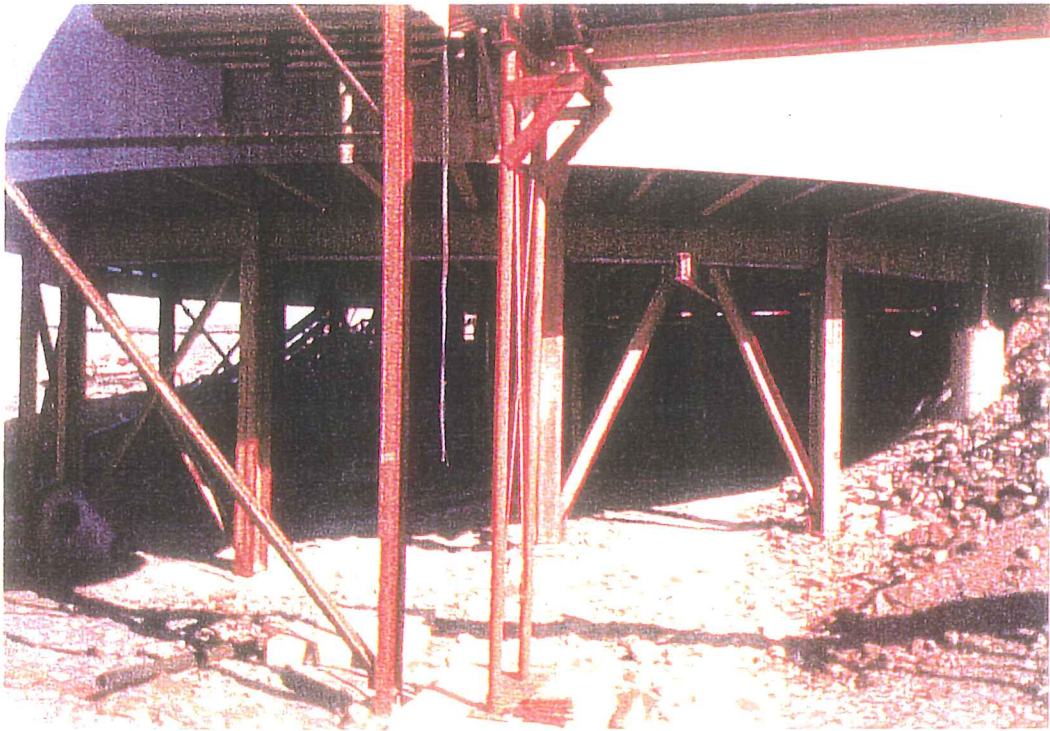




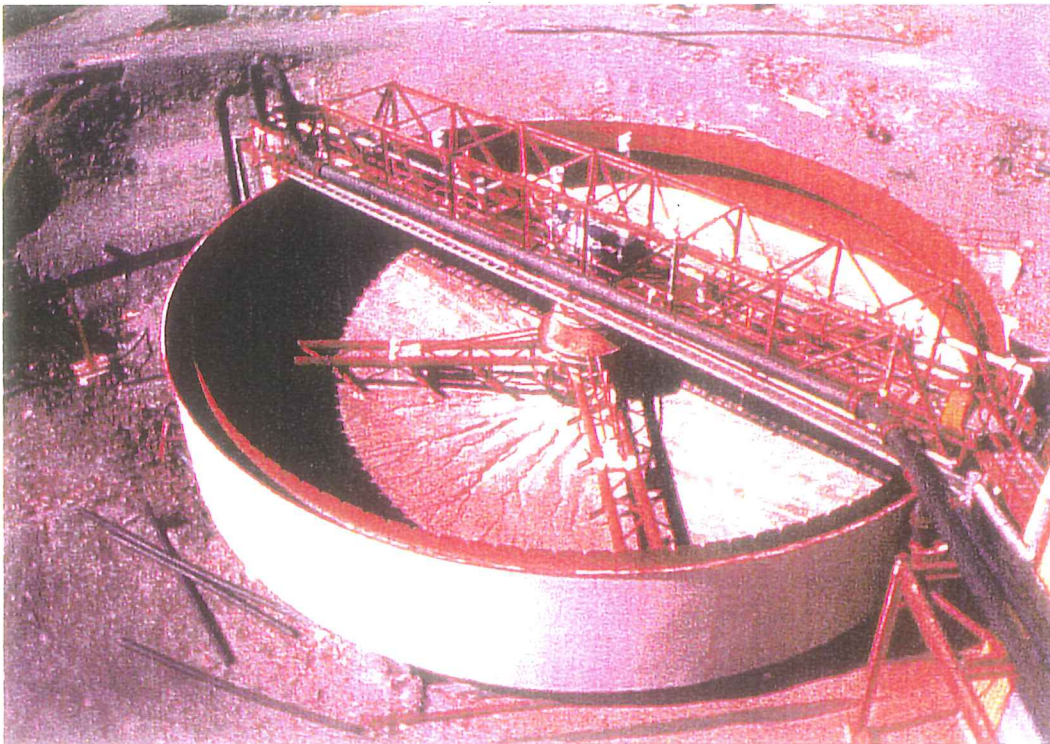
Typical Thickener Support Steel



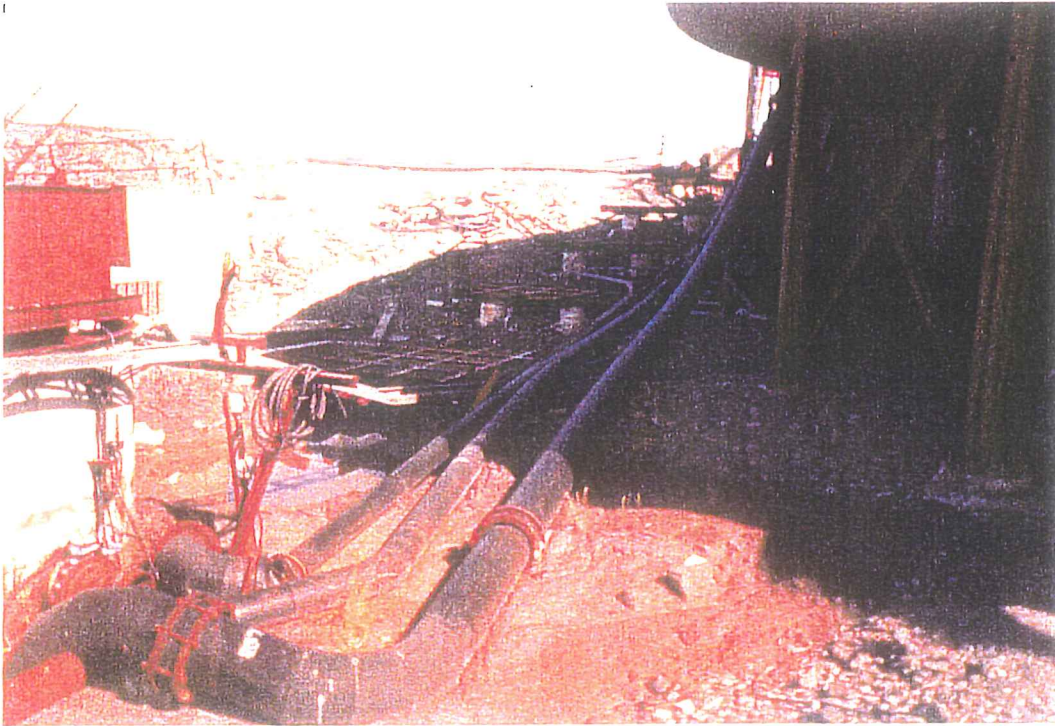
Overflow Tank



Structural Support Steel



Thickener Complete With Rakes



Typical Piping

Use

- abandoned

Construction/Size

- steel structure, enviro-clear thickener (CD6901) complete / 24.4 m dia. x 3.7 m H
- overflow tank, steel structure / 3.05 m dia. x 3.7 m H
- circuit tank, steel structure / 3.05 m dia. x 3.05 m H
- circuit tank, steel structure / 3.7 m dia. x 3.05 m H
- structural steel; all piping and accessories; and concrete footings & foundations.

Work Plan

- owner shall locate and de-energize all utilities attached to structures;
- owner may remove any item, material, machinery or equipment deemed salvageable and transport to a designated area within the mine property;
- dismantle or demolish all steel works, auxiliary piping and equipment;
- demolish all concrete footings, foundations and pedestals and dispose of all materials resulting from the demolition in designated landfill; and
- clean up, grade site and leave in an orderly manner.

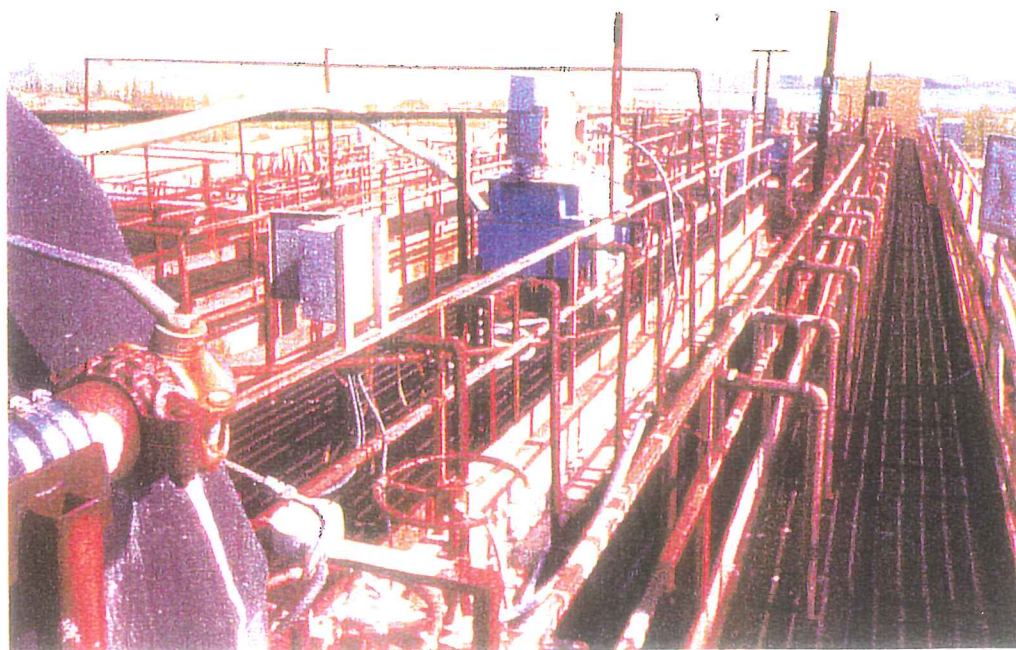
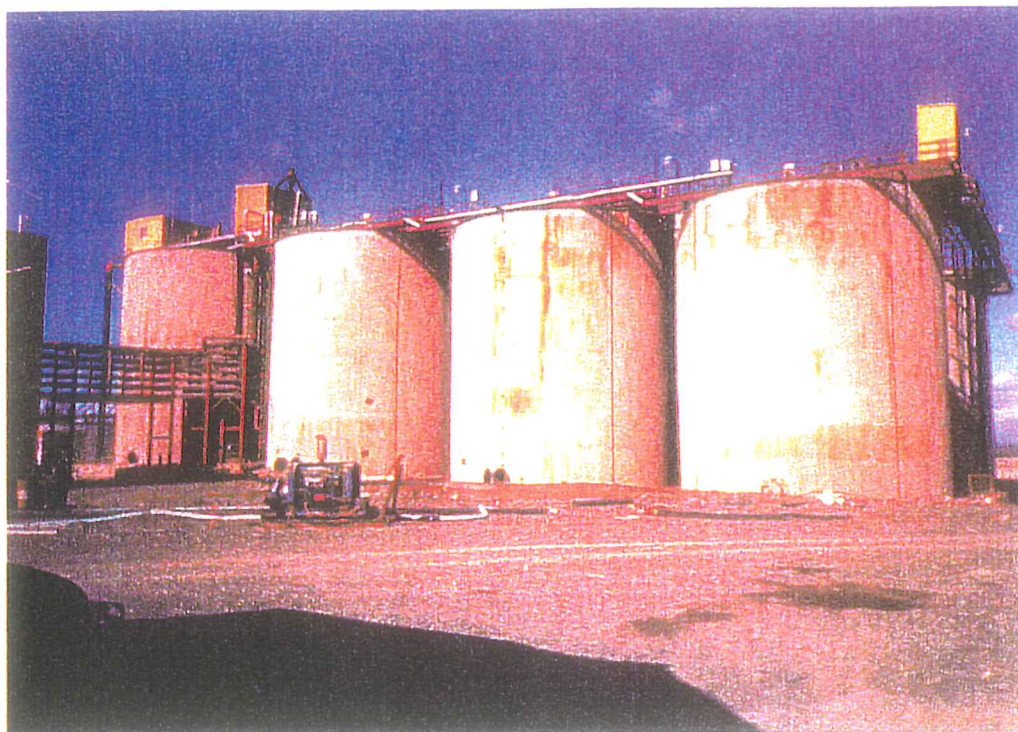
Special Items

- no known hazards

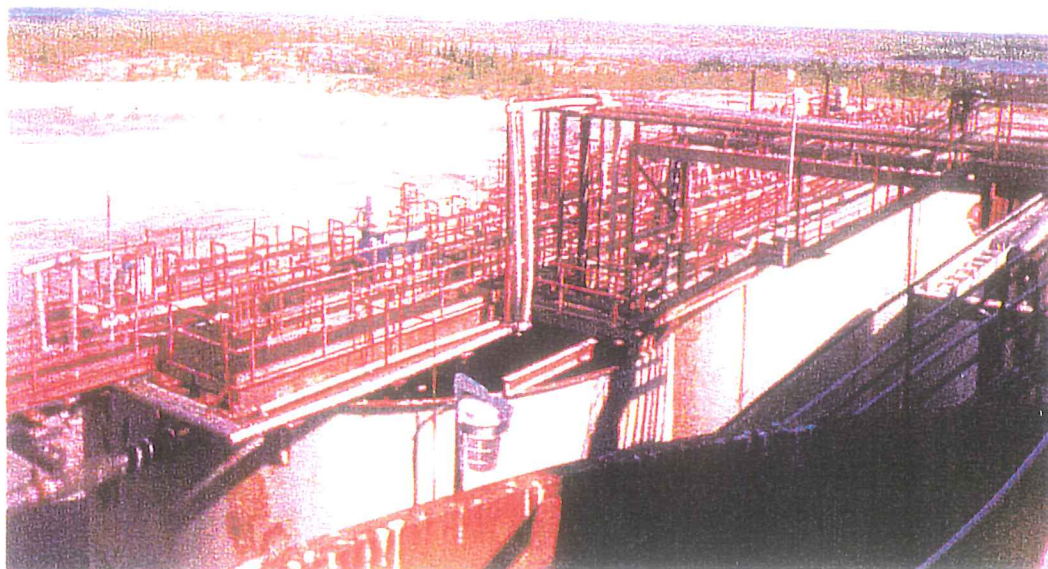
Health & Safety Issues

- workers to wear Class "D" as minimum protection.

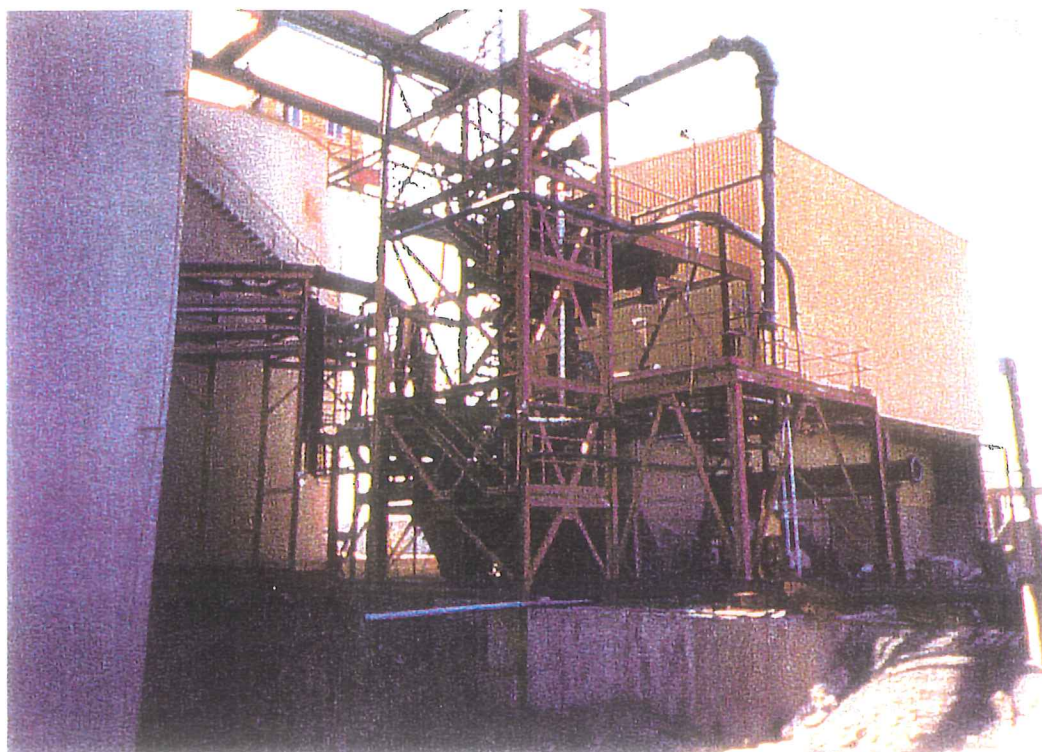
**T.R.P. SITE
TANK FARM AND AGITATORS**



Steel Structural Above Tanks



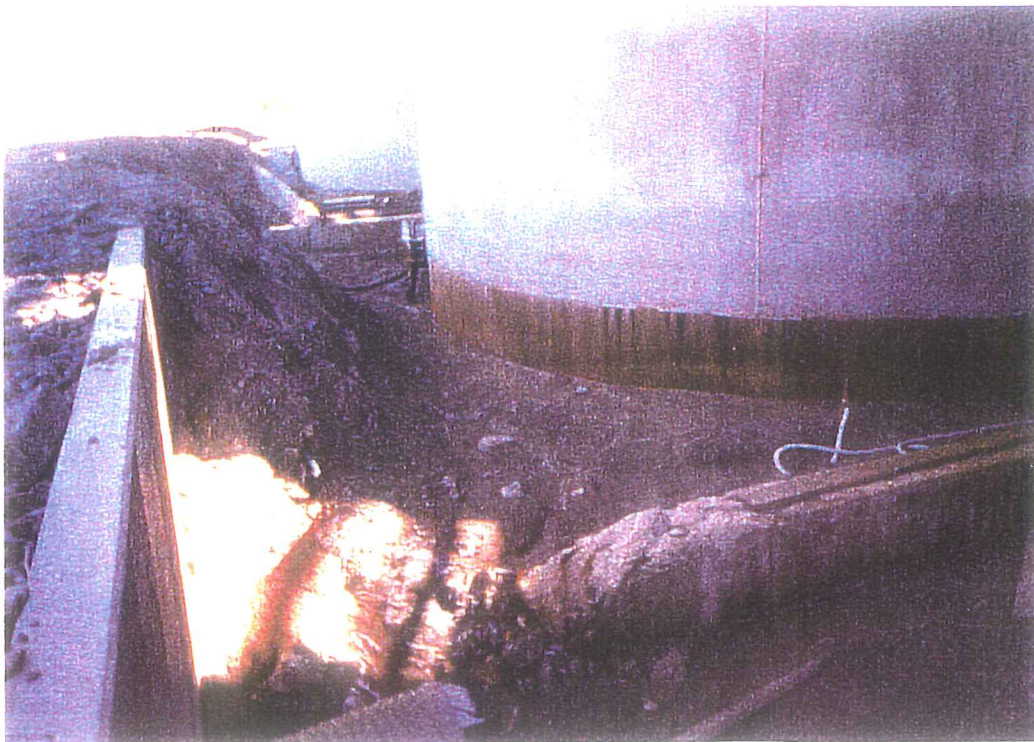
Typical Steel Structural Above Tanks



Steel Structural Outside Screen House



Typical Concrete Foundations



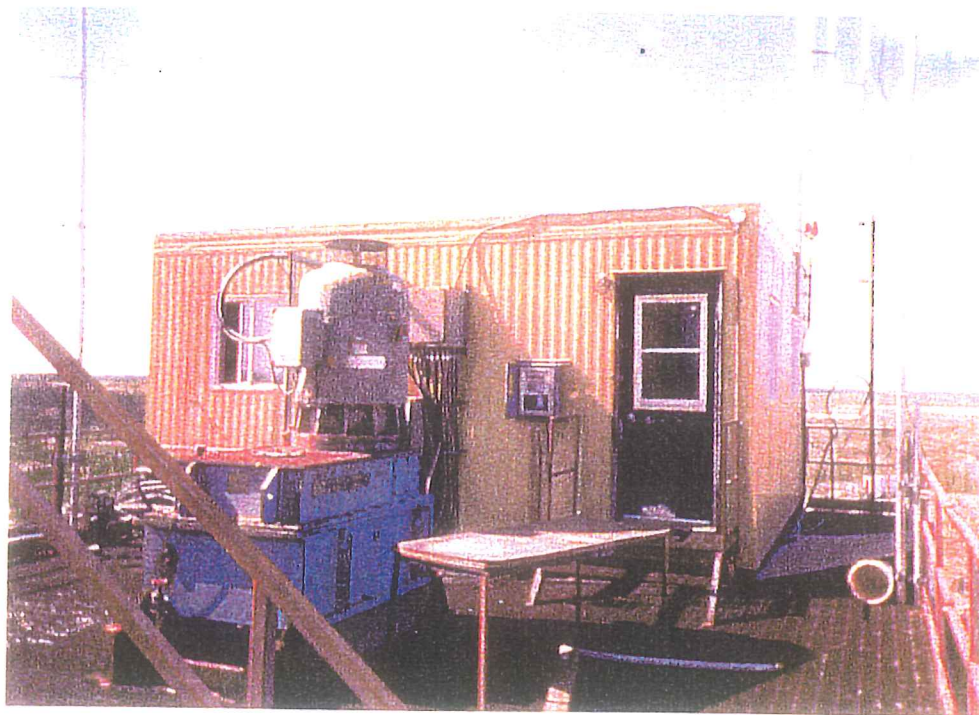
Typical Concrete Works



Typical Interior of Tanks



Typical Tank



Operator Shack

Use

- abandoned

Construction

- 7 tanks complete with agitators; concrete foundations; and structural steel & piping.

Size

- 7 x (14.0 m dia. X 15.2 m H)

Work Plan

- owner shall locate and de-energize all utilities attached to the structures;
- owner may remove any item, material, machinery or equipment deemed salvageable and transport to a designated area within the mine property;
- remove all machinery and equipment;
- dismantle all structural steel;
- scrap steel tanks;
- demolish all concrete footings, foundations and pedestals and dispose of all materials resulting from demolition in designated landfill; and
- clean up, grade site and leave in an orderly manner.

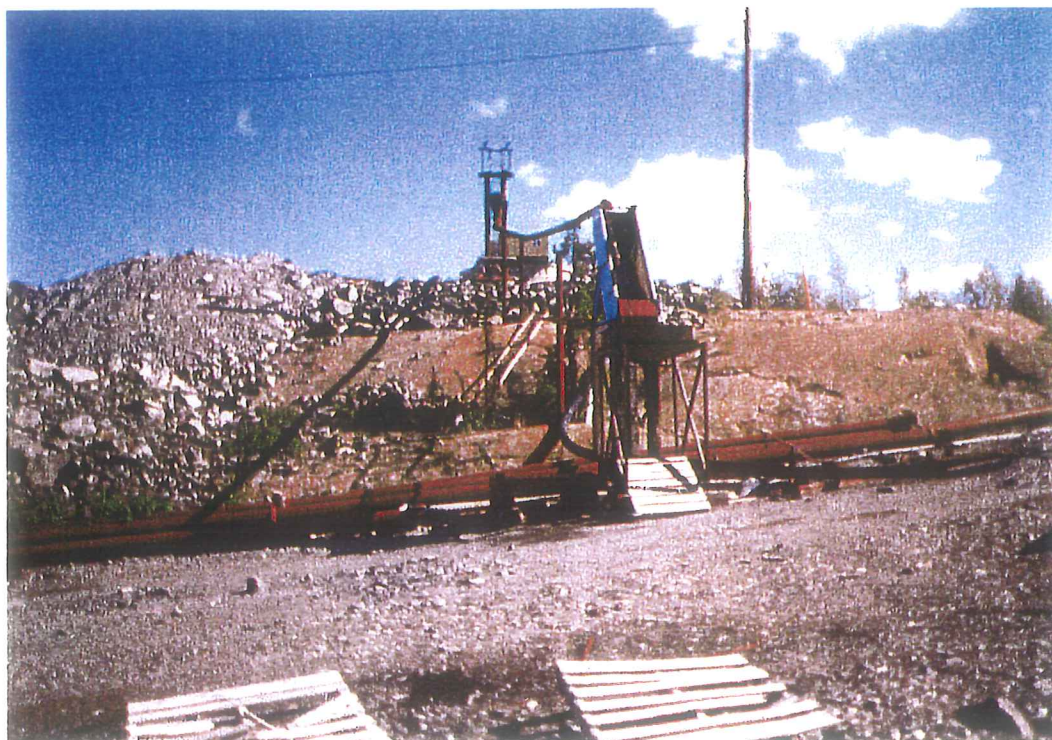
Special Items

- No known hazards

Health & Safety Issues

- workers to wear Class "D" as minimum protection.

**T.R.P. SITE
GENERAL SITE PREPARATION
ORIGINAL INFRASTRUCTURE**



Process Equipment, Pipelines and Debris
Steel Tank and Debris



Steel Tank and Debris

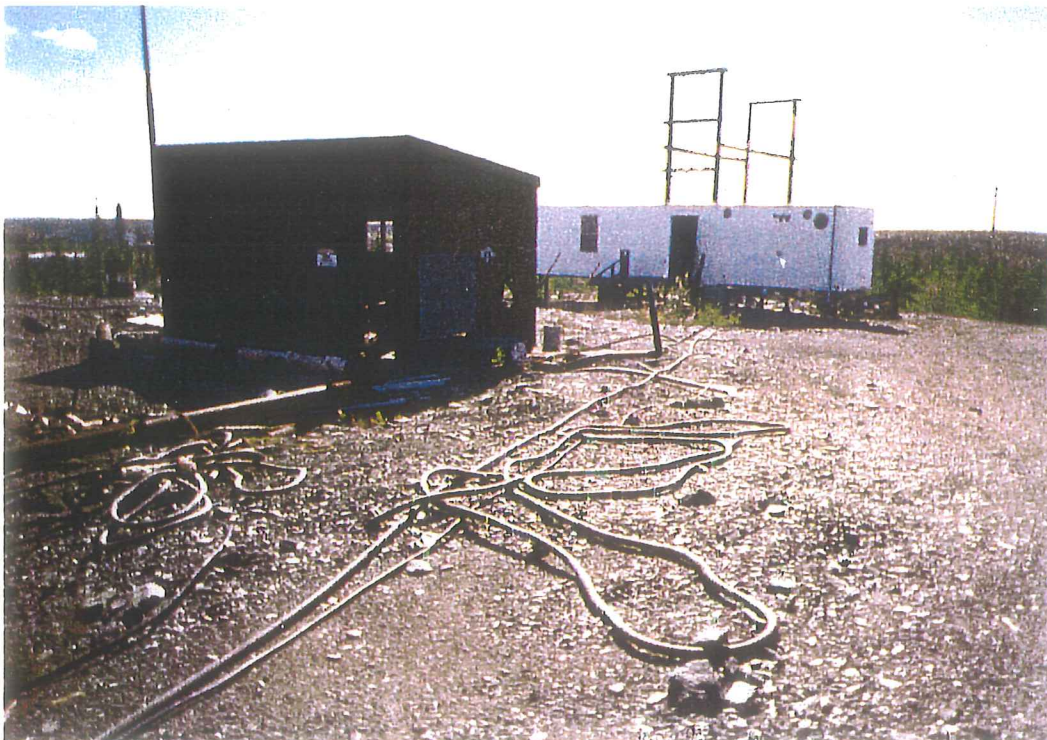


Process Equipment

GAIA Contractors



Process Equipment



Storage Shed and Electrical Trailer



Process Equipment

Use

- original tailings recovery site

Construction

- miscellaneous structural steel components; yard piping; electrical trailer; steel surge tanks; ore load out structure; concrete foundations & footings; and scrap metals.

Work Plan

- owner shall locate and de-energize all utilities associated with the area;
- owner may remove any item, material, machinery, or equipment deemed salvageable and transport to a designated area within the mine property;
- check electrical equipment for capacitors that might contain PCBs;
- if identified, then remove, properly contain and ship off site;
- dismantle or demolish or scrap all structures in area;
- demolish all concrete footings, foundations and pedestals;
- clean up all electrical cables, piping and scrap metal and dispose of all materials resulting from the demolition in the designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- Possible PCBs

Health & Safety Issues

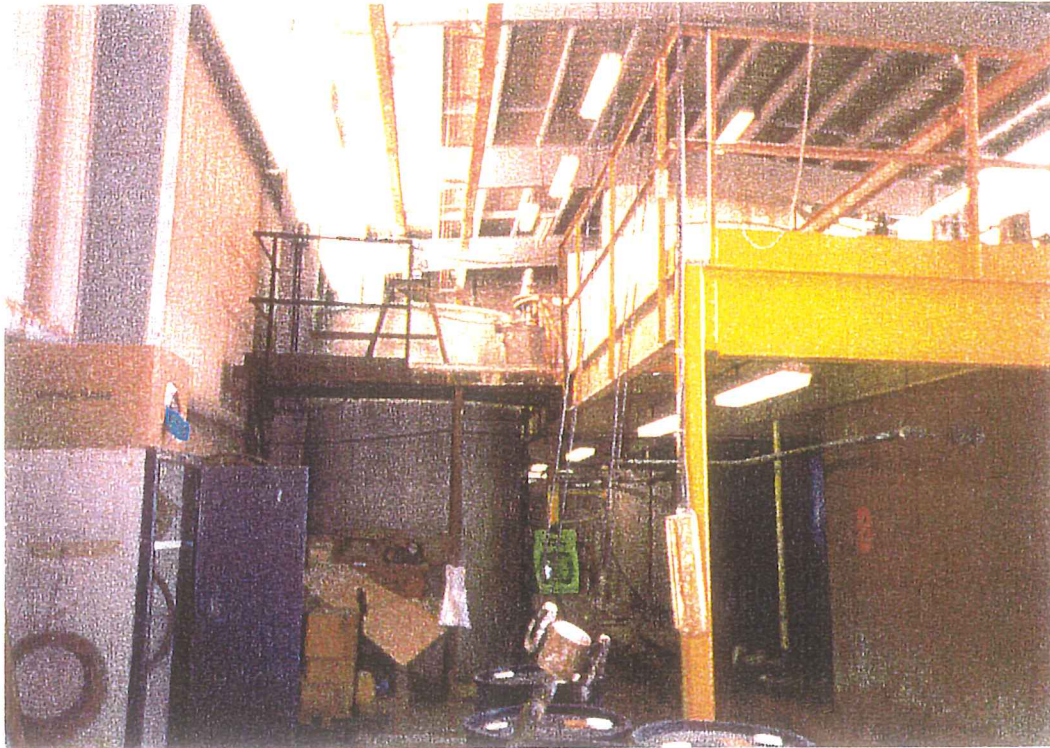
- workers to wear Class "D" as minimum protection;
- enforce safe handling of PCBs; and
- enforce safe work practices for demolition type projects.

G7
MISCELLANEOUS ITEMS

EFFLUENT WATER TREATMENT PLANT



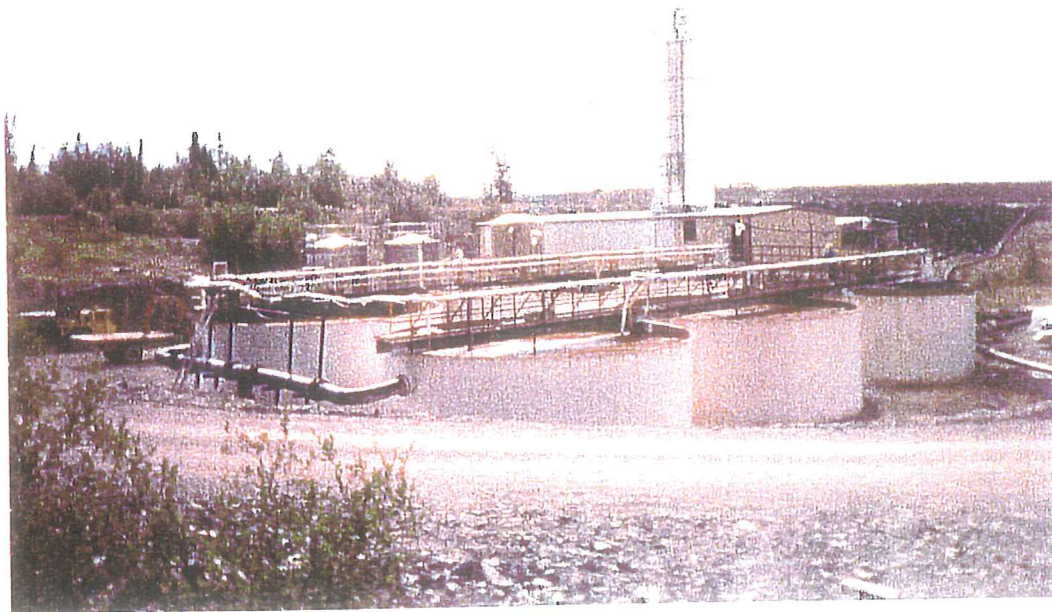
Plant Showing Lay Down Area



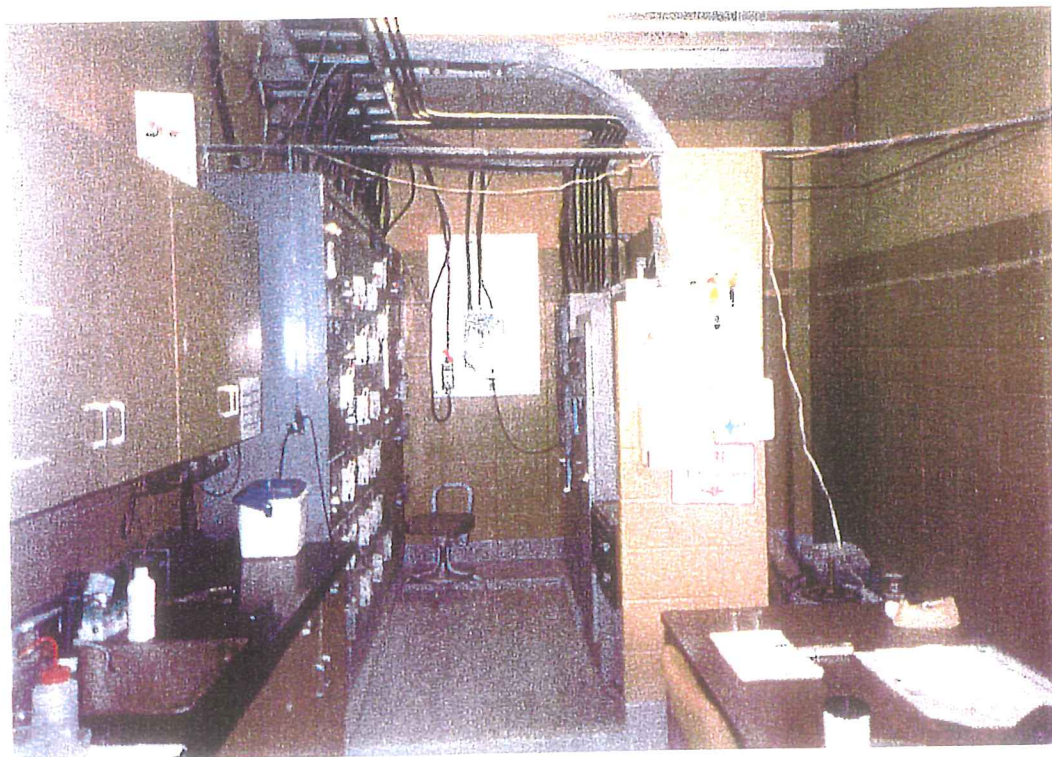
Typical Interior



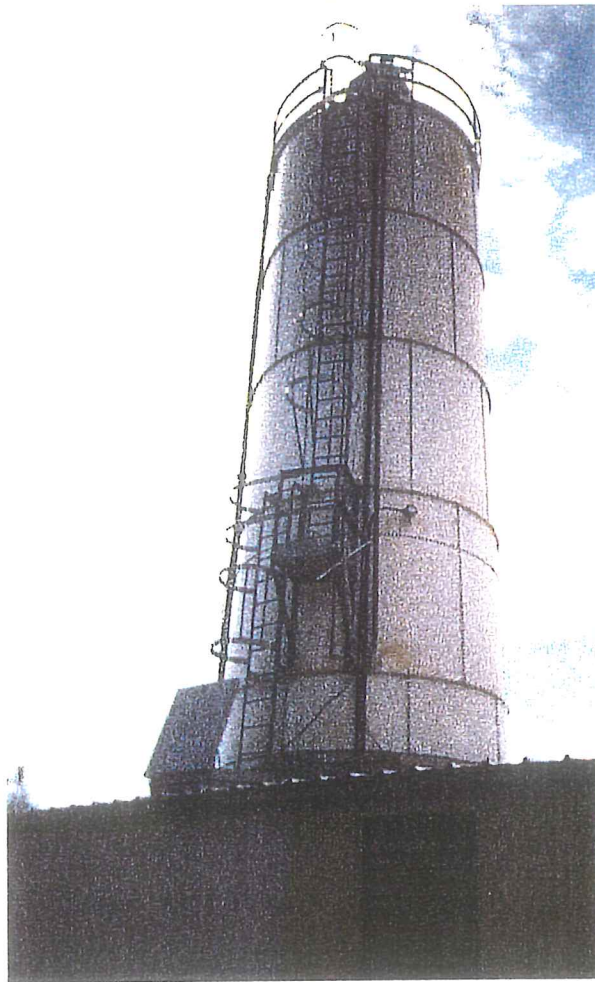
Lay Down Area Interior



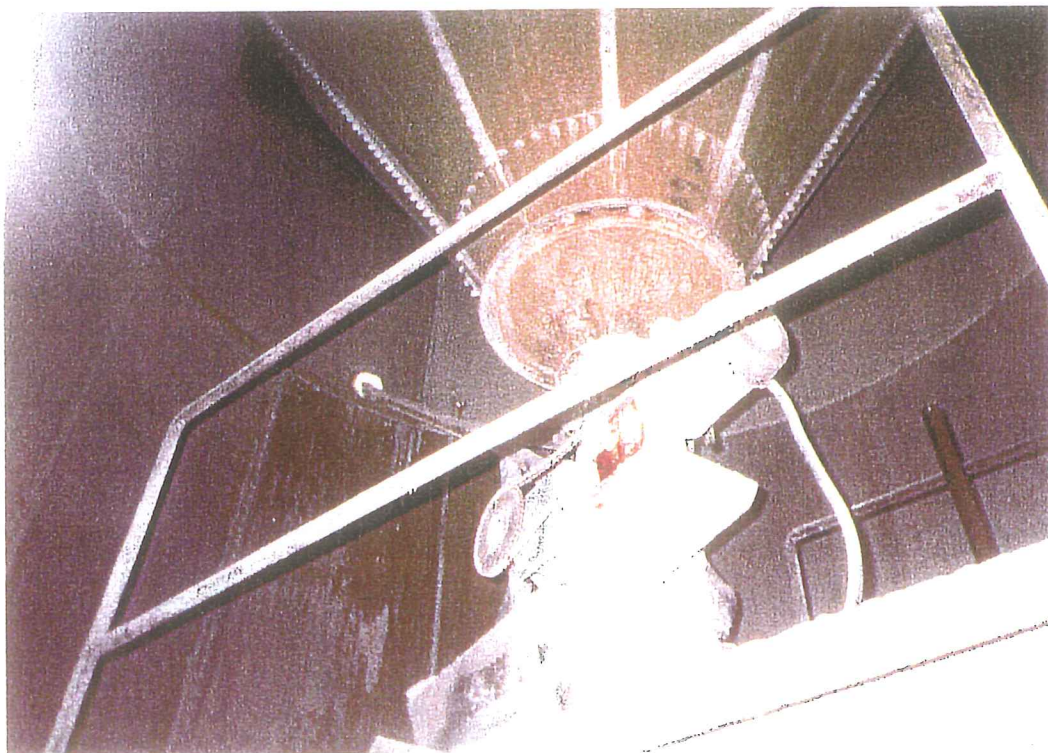
Tank Farm



Electrical Room



Lime Silo



Interior Lime Silo



Chemical Tanks



Electrical Sub Station

Use

- treatment of mine water

Construction

- Robertson Type building; steel frame ; steel roof & siding; double walled; fiberglass insulation; multiple level structure; concrete block partitions; concrete foundations, footings & pedestals; structural steel; steel tank farm; chemical tanks; lime silo; electrical equipment; machinery; and transformer sub station.

Size

- Main Building: 23.7 m x 12 m x 7.3 m H
- Structural Laydown Area: 30.5 m x 7.6 m x 7.6 m H
- Tank Farm (6 Tanks): 9.1 m dia. x 4.9 m H

Work Plan

- owner shall locate and de-energize all utilities attached to the structures;
- owner may remove any item, equipment, machinery or material deemed salvageable and transport to a designated area within the mine property;
- take fluid samples from transformers and send to lab for analysis for possible PCBs;
- completely drain all equipment, transformer and machinery of hydrocarbons, properly contain and ship off site;
- neutralize all chemical tanks collecting all chemical liquids and disposing of same in tailings area;
- dismantle building;
- remove heavy equipment and machinery;
- dismantle tank farm complex;
- demolish remnants of structures and all concrete foundations, footings and pedestals;
- dismantle sub station and remove transformers;
- dispose of all materials resulting from demolition in designated landfill; and
- clean up, grade site and leave in an orderly manner.

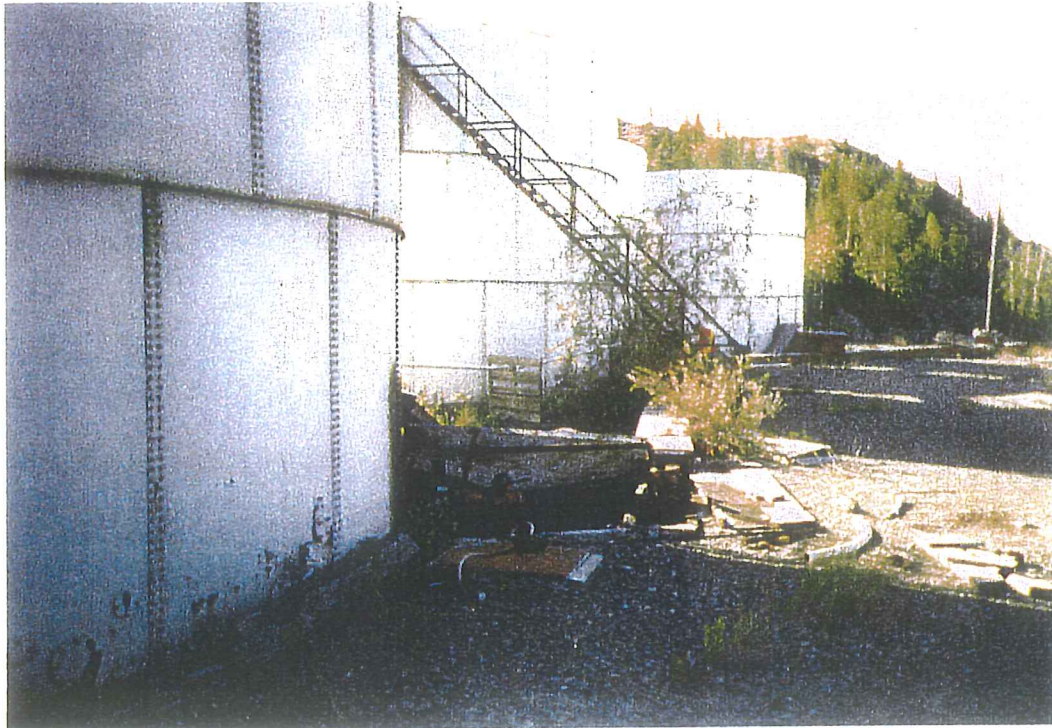
Special Items

- Potential for working in confined spaces
- Chemicals

Health & Safety Issues

- no one is to work in confined spaces without being properly trained, properly equipped and properly authorized; and
- workers are to wear the proper protection level of PPE for the job.

OIL TANKS "A" SHAFT TANK FARM



Use

- abandoned

Construction

- modular steel; steel tops; steel floors; and piping.

Size

- 4 @ 9.1 m dia. x 7.3 m H

Work Plan

- owner shall locate and de-energize all attached utilities;
- classify all tanks as confined spaces;
- tanks are to be sterilized of all hydrocarbon residue;
- residue to be properly collected, properly contained and shipped off site;
- dismantle all tanks into pieces that will accommodate placement in designated landfill;
- dispose of all materials in designated landfill; and
- clean up, grade site and leave in an orderly manner.

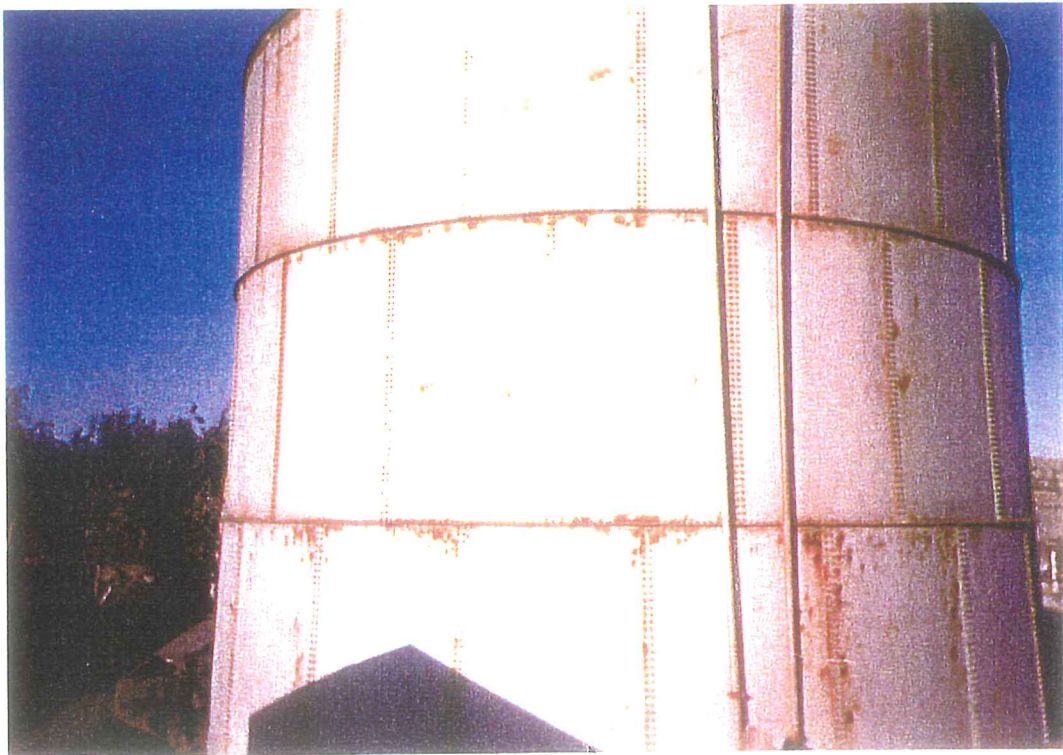
Special Items

- Working in confined spaces

Health & Safety Issues

- no worker shall enter a confined space without being properly trained, properly equipped, properly supervised and properly authorized; and
- workers to wear proper levels of PPE to suit the environment.

**OIL TANKS
TANK FARM ABOVE "C" DRY**





Use

- abandoned

Construction

- modular steel; steel tops; steel floors; and piping.

Size

- 3 @ 7.6 m dia. x 7.3 m H

Work Plan

- owner shall locate and de-energize all attached utilities;
- classify all tanks as confined spaces;
- tanks are to be sterilized of all hydrocarbon residue;
- residue to be properly collected, properly contained and shipped off site;
- dismantle all tanks into pieces that will accommodate placement in designated landfill;
- dispose of all materials in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

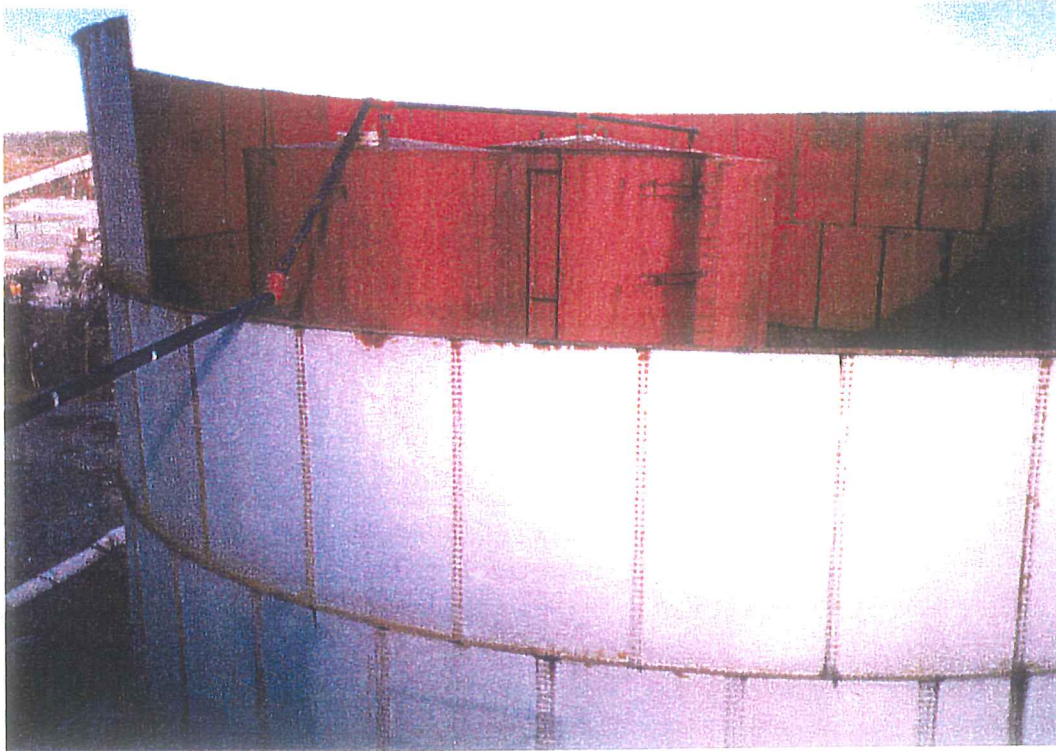
- Working in confined spaces

Health & Safety Issues

- no worker shall enter a confined space without being properly trained, properly equipped, properly supervised, and properly authorized; and
- workers to wear proper levels of PPE to suit the environment.

**OIL TANKS
TANK FARM ABOVE
MOBILE REPAIR SHOP**



**Use**

- abandoned

Construction

- solid steel; modular steel; steel tops; steel floors; and piping.

Size

- 3 @ 16.5 m dia. x 7.3 m H (Modular)
- 3 @ 3.7 m dia. x 6.1 m H

Work Plan

- owner shall locate and de-energize all attached utilities;
- classify all tanks as confined spaces;
- tanks are to be sterilized of all hydrocarbon residue;
- residue to be properly collected, properly contained and shipped off site;
- dismantle all tanks into pieces that will accommodate placement in designated landfill;
- dispose of all materials in designated landfill; and
- clean up, grade site, and leave in an orderly manner.

Special Items

- Working in confined spaces

Health & Safety Issues

- no worker shall enter a confined space without being properly trained, properly equipped, properly supervised and shall enter only with proper authority; and
- workers to wear proper levels of PPE to suit the environment.

MISCELLANEOUS TANKS AND EQUIPMENT



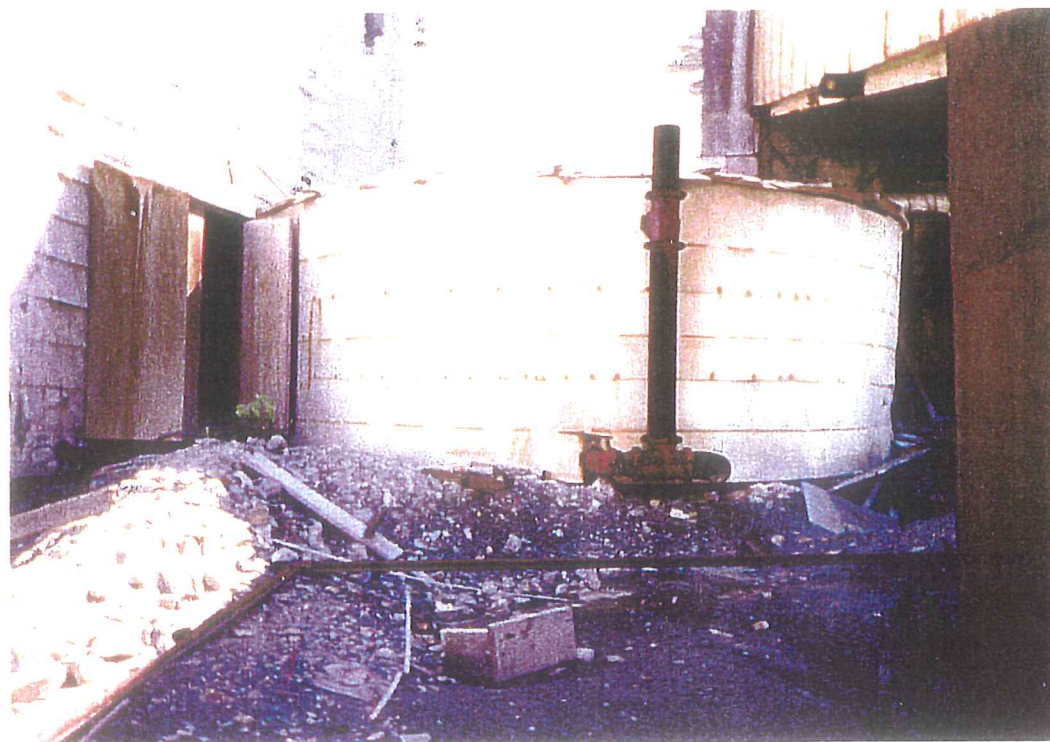
Tanks in B-3 Pit



Tanks Above Curling Rink
"A" Shaft Area



Tanks Above Curling Rink
"A" Shaft Area



Water Tank at Mill
"C" Shaft



Water Tank at Mill
"C" Shaft



Tank Above B-3 Pit

Use

- abandoned

Construction

- wood structure water tank at mill; solid steel; modular steel; steel tops; steel floors; and piping.

Size

- various

Work Plan

- owner shall locate and de-energize all attached utilities;
- classify all tanks as confined spaces;
- tanks are to be sterilized of all hydrocarbon residue;
- residue to be properly collected, properly contained and shipped off site;
- dismantle all tanks into pieces that will accommodate placement in designated landfill;
- dispose of all materials in designated landfill; and
- clean up, grade site and leave in an orderly manner.

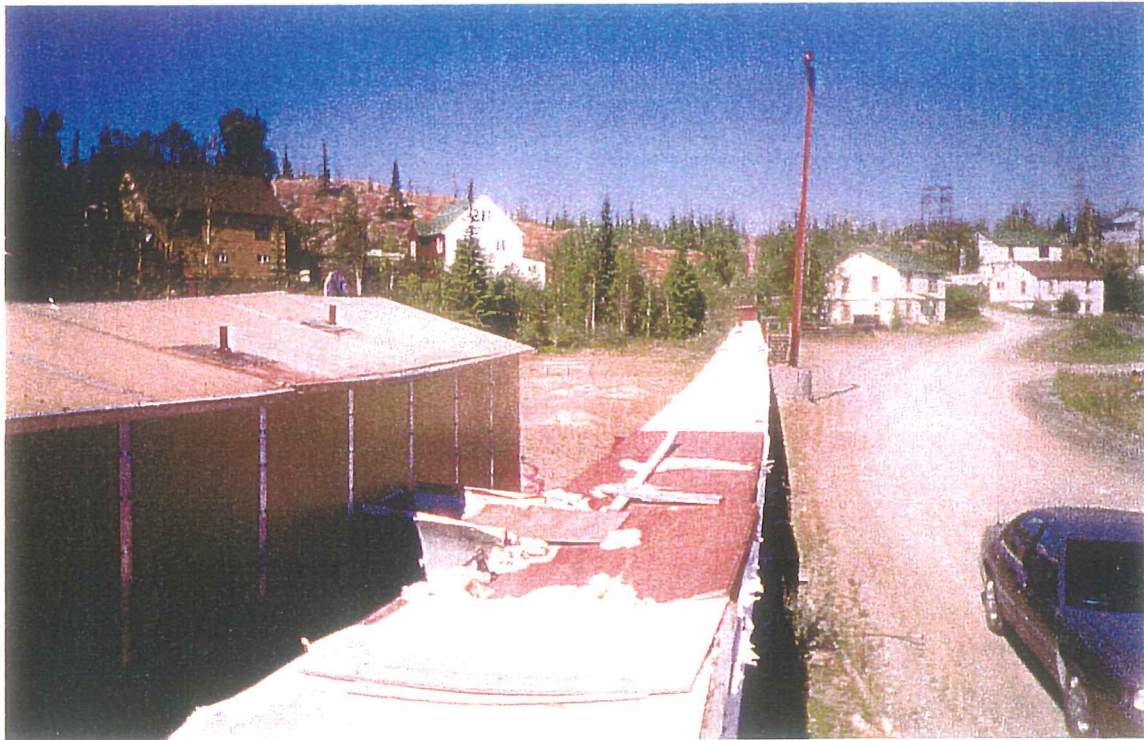
Special Items

- Working in confined spaces

Health & Safety Issues

- no worker shall enter a confined space without being properly trained, properly equipped, properly supervised and properly authorized; and
- workers to wear proper levels of PPE to suit the environment.

SERVICE CORRIDORS
"A" SHAFT AREA, TOWNSITE AREA,
"C" SHAFT AREA AND TAILINGS LINES



Typical Townsite Area



"A" Shaft Area



Typical Townsite Area



Typical "A" Shaft Area



Typical Between Townsite and "C" Area



Typical Between Townsite and "C" Area



Typical "C" Area



"C" Area to Townsite



"C" Area to Townsite



Typical "C" Area



Typical "C" Area



Typical "C" Area



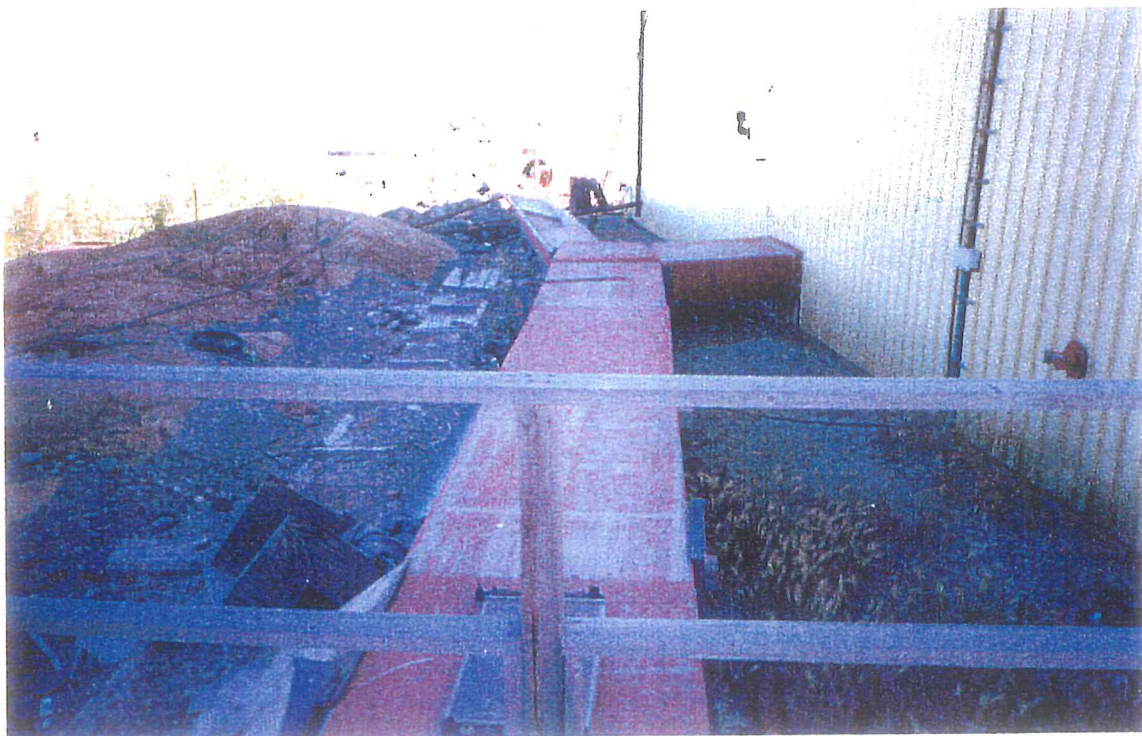
Typical "C" Area



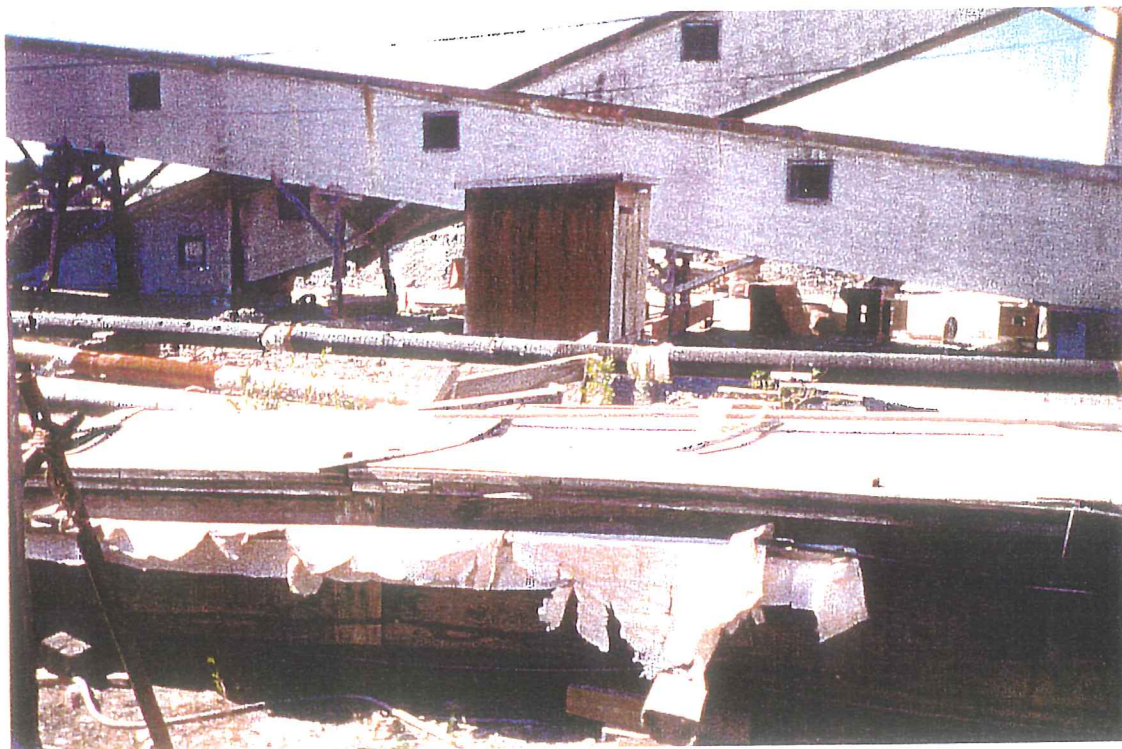
Typical "C" Area



Typical "C" Area



Mobile Repair Shop



Typical "C" Area



Typical "C" Area



Typical "C" Area



Typical "C" Area



Typical "C" Area



Typical "C" Area



Tailings Line



Tailings Line



Tailings Line



Typical Townsite Area

Use

- provide utilities to the mine

Construction

- wood frame; insulated; electrical wiring; and piping.

Size

- approximately 7,000 m in length

Work Plan

- owner shall locate sources for and de-energize all utilities servicing corridors;
- dismantle outside covering;
- remove insulation, place in proper containers;
- drain all pipes;
- collect hydrocarbons, properly contain and ship off site;
- collect all grey water and dispose of same in Tailings Area above Effluent Treatment Plant;
- cut piping into manageable lengths;
- demolish and remove all trestles and supports;
- dispose of all materials resulting from demolition in designated landfill; and
- clean up, grade site and leave in an orderly manner.

Special Items

- No known hazards

Health & Safety Issues

- workers to wear Class "D" as minimum protection.

**HYDRO LINES DECOMMISSIONING
“A” SHAFT, “B” SHAFT AND “C” SHAFT**



Typical “A” Shaft Area



Typical “A” Shaft Area



Typical "A" Shaft Area



Typical T.R.P. Area

Use

- hydro power for the mine

Construction

- pole lines; electrical cables; cribbing & supports; and auxiliary items.

Size

- approximately 5,000 m in length

Work Plan

- all parties are to confirm that power lines are de-energized before starting construction;
- dismantle in an orderly fashion and dispose of all materials resulting from demolition in designated landfill; and
- clean up, grade sites and leave in an orderly manner.

Special Items

- Accessibility is difficult

Health & Safety Issues

- workers to wear Class "D" as minimum protection.

**GENERAL SITE
CLEAN UP**



"C" Shaft Area Parking Lot



Mobile Equipment Yard



Upper "C" Shaft Area



Typical "C" Shaft Area



Typical "C" Shaft Area



Typical "C" Shaft Area



Typical "C" Shaft Area



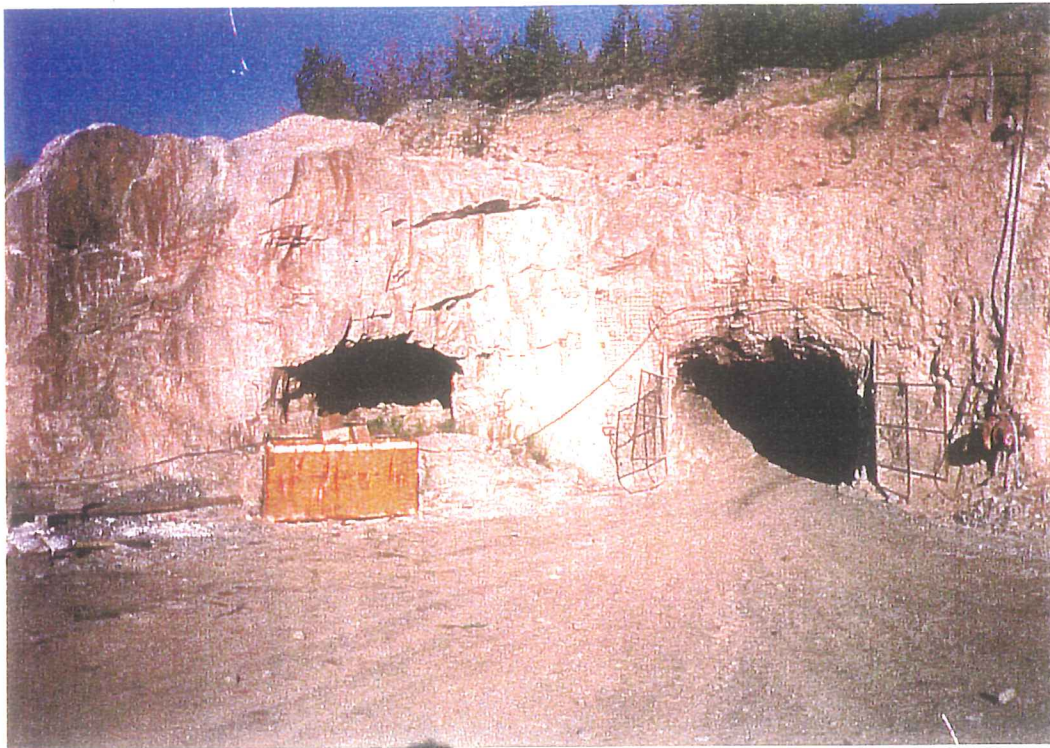
Typical "C" Shaft Area



Typical "C" Shaft Area



Outside Breaker "C" Shaft



Portal & Vent or Escape Raise



Typical "B" Pit Area



Typical "B" Pit Area

Use

- all miscellaneous support structures; and
- equipment, infrastructure, garbage, storage and scrap metal.

Construction

- parking lots; perimeter fencing; bone yards; garbage; light standards; buildings; structures; tanks not under scope of work; roadways; scrap metals; all H.D.P.E. piping, etc.; construction of 2 concrete closure caps for portal and vent portal.

Size

- Portal Opening: 3.6 m x 3.05 m H
- Vent Or Escape: 3.05 m x 2.4 m H

Work Plan

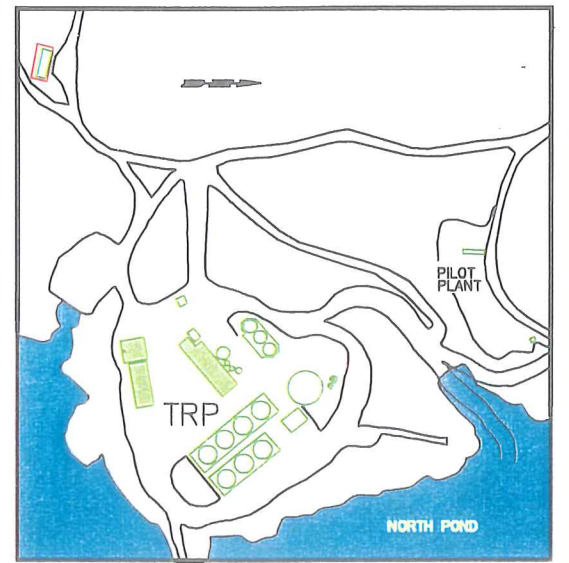
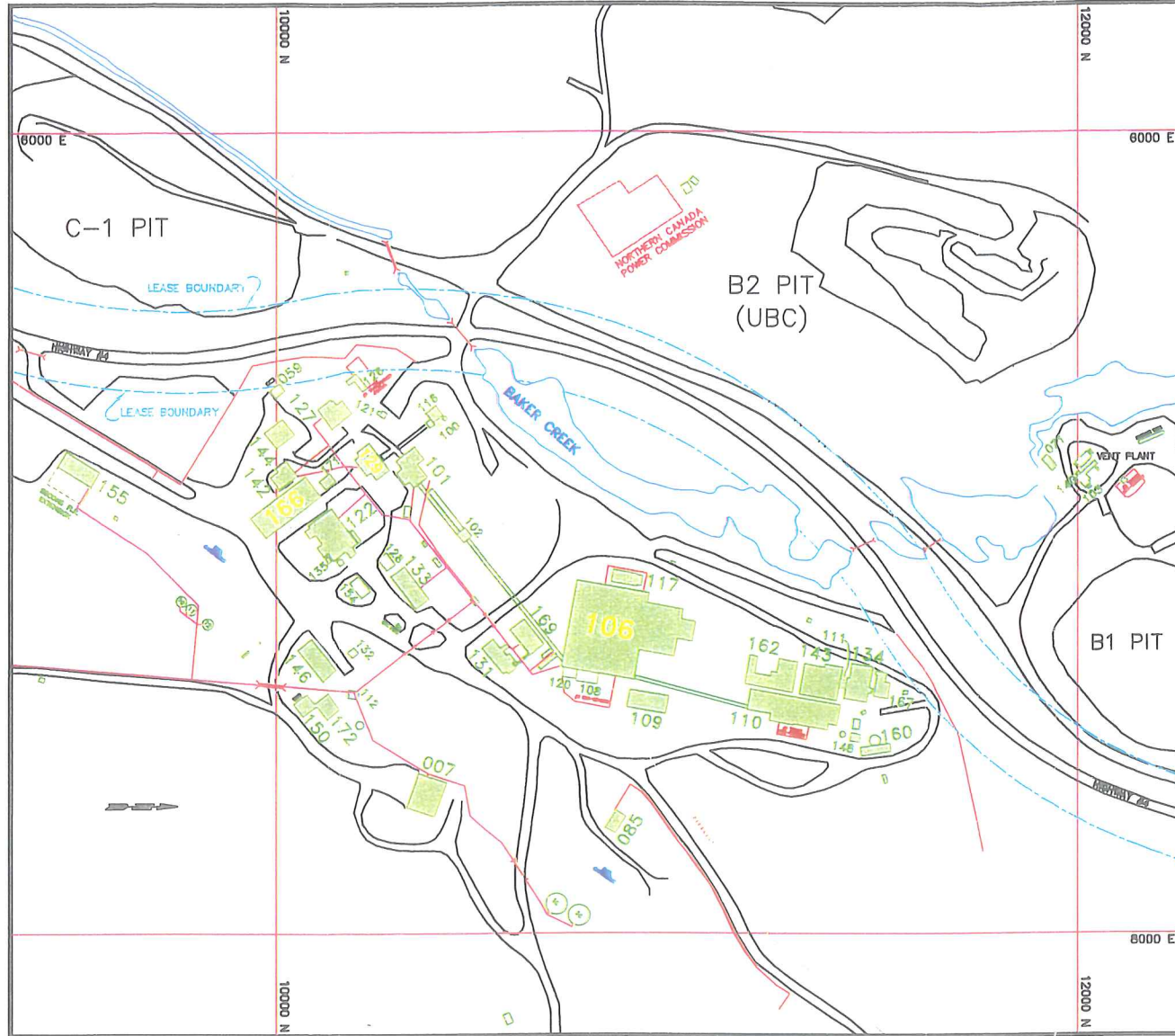
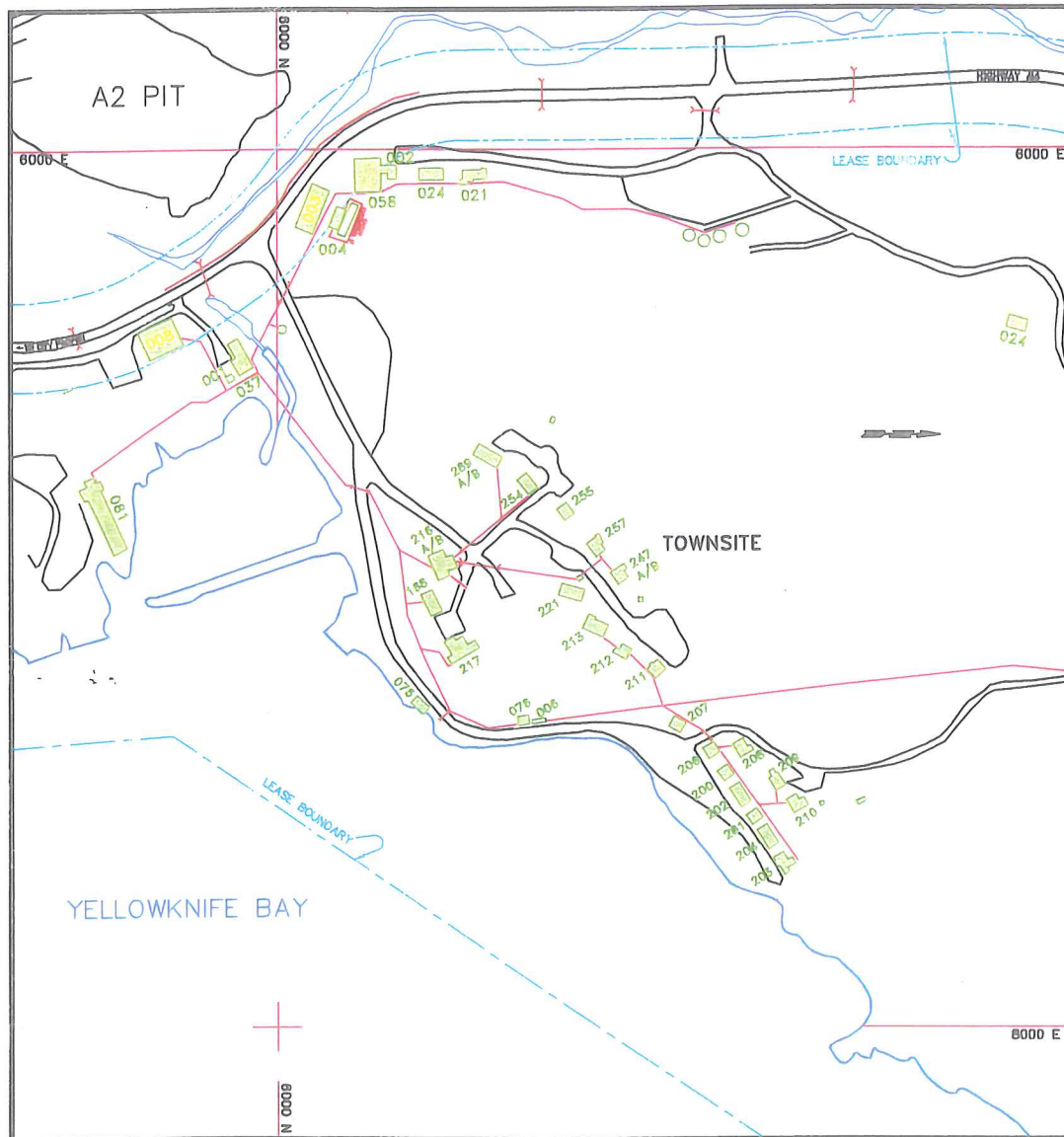
- owner shall locate and de-energize all utilities attached to items;
- remove all scrap metals including tanks and dispose of them in designated landfill;
- demolish all structures and dispose of them in designated landfill;
- clean up all garbage and dispose of same in designated landfill;
- collect up all H.D.P.E. piping and dispose as per directed;
- reclaim all roadways, parking lots and access;
- pour-in-place concrete portal plugs as per Regulation Standards.

Special Items

- Collection of H.D.P.E. Pipe complete with fittings

Health & Safety Issues

- workers to wear Class "D" as minimum protection.

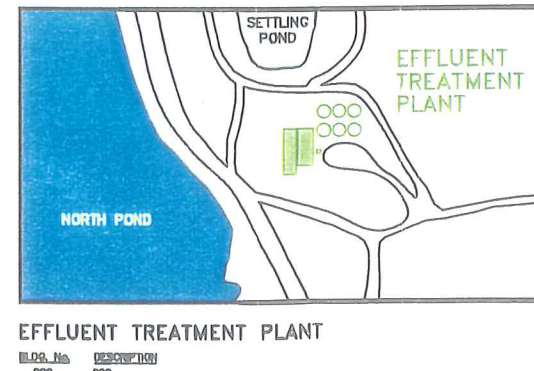


TOWNSITE

BLDG. No.	DESCRIPTION	BLDG. No.	DESCRIPTION	BLDG. No.	DESCRIPTION
001	SEWAGE LIFT STATION	188	GUEST HOUSE	213	RESIDENCE
002	OLD HOISTROOM	200	RESIDENCE	216A	RESIDENCE
003	EXPLORATION SHOP	201	RESIDENCE	216B	RESIDENCE
004	#1 TRANSFORMER SUB-STATION	202	RESIDENCE	217	RESIDENCE
008	BAYVIEW SEWAGE PUMPHOUSE	203	RESIDENCE	221	RESIDENCE
008	RECREATION HALL	204	RESIDENCE	247A	RESIDENCE
021	STORAGE	206	RESIDENCE	247B	RESIDENCE
024	"A"-HEADFRAME	207	RESIDENCE	254	RESIDENCE
037	BOILER HOUSE	208	RESIDENCE	255	RESIDENCE
040	MOTOR STORAGE	209	RESIDENCE	257	RESIDENCE
058	OLD DIESEL PLANT	210	RESIDENCE	289A	RESIDENCE
075	NEW PUMP HOUSE	211	RESIDENCE	289B	RESIDENCE
076	#2 MAIN PUMP HOUSE	212	RESIDENCE		
081	CURLING RINK				

MINESITE

BLDG. No.	DESCRIPTION	BLDG. No.	DESCRIPTION
007	MOBILE EQUIPMENT GARAGE	131	ASSAY OFFICE
058	BUILDING SUPPLIES STORAGE	132	OIL STORAGE SHED
059	NEW DIESEL PLANT	133	WAREHOUSE
071	OLD COMPRESSOR HOUSE	134	COTTRELL
085	BUILDING SUPPLIES STORAGE	135	OIL STORAGE SHED
100	NEW SURFACE ROCKBREAKER	140	FAN & HEATER HOUSE
101	MILL CRUSHER HOUSE	142	CARPENTRE SHOP
102	SCREEN HOUSE & CONVEYORS	143	DORRCO ROASTER
103	PROPANE STORAGE TANK	144	PLANNER SHOP
108	MILL PLANT	146	OLD WAREHOUSE #4
108	SWITCH HOUSE	148	ROASTER STACK FAN HOUSE
109	REAGENT WAREHOUSE	150	ELECTRICAL SHOP
110	MILL PIPE SHOP	154	STEEL RACK
111	ROASTER CHANGE HOUSE	155	MAIN OFFICE & EXTENSION
112	MILL FIRE PUMP HOUSE	160	SILO LOAD-OUT
116	SURFACE CRUSHER	162	CALCINE PLANT
117	NEW REFINERY	166	NEW "C"-DRY
120	ELECTRIC BOILER HOUSE	167	BAG HOUSE
121	ORE PASS BUILDING	169	MILL LAB
122	MACHINE SHOP	171	FIRST AID TRAINING RM.
123	ORE BIN & WASTE BIN	172	NEW BOILER HOUSE
126	#5 TRANSFORMER STATION		
127	"C"-HOISTROOM		
128	PIPE RACK		
129	"C"-HEADFRAME		



TRP SITE

BLDG. No.	DESCRIPTION
000	000

Miramar Giant Mine Ltd.

GIANT MINE SURFACE PLAN

TITLE
BUILDING LOCATIONS

LEVEL	SURFACE	SCALE	1"= 200'
DRAWN	MBL	CHECK	DATE JANUARY 1987
UPDATED	AUG. 16, 2000	MBL	Figure 17

File Name: MASTER SURFACE SURF97-ADWG