



Indian and Northern
Affairs Canada

Affaires indiennes
et du Nord Canada

Nunavut Regional Office
P.O. Box 2200
Iqaluit, NU, X0A 0H0

February 09, 2009

Attn: Mr. Thomas Kabloona, A/Chief Executive Officer
Nunavut Water Board
P.O. Box 119
Gjoa Haven, Nunavut
X0B 1J0

RE: Nunavut Water Board (NWB) Licence No. 1BR-ROB0813 (NWB's Required Submissions)

As per the table of required submissions on page iii of the Roberts Bay/ Ida Bay's NWB Licence # 1BR-ROB0813, please find the following documents enclosed:

1. NWB's Table of Required Submissions (with INAC's responses);
2. Modifications to final Remedial Action Plan (RAP) – highlighting some modifications made to the project since the submission of the final RAP to NWB. The modifications were effected in the Project Specifications;
3. Roberts and Ida Bay Project Specifications;
4. General Monitoring Plan (as per Part K of the Water Licence # 1BR-ROB0813);
5. Long Term Monitoring plan;
6. Abandonment and Restoration Plan;
7. Operations and Maintenance Plan for Sewage Disposal Facility;
8. Site Specific Health and Safety Plan; and
9. Tailings Freezeback Report.

Should you have any questions or require any clarifications, please contact the undersigned or the Project Manager, Dele Morakinyo at dele.morakinyo@inac-ainc.gc.ca, or by telephone at (819) 934-9224

Sincerely,

Natalie Plato, P. Eng.
Director, Contaminated Sites Program (NRO)
Tel: (867) 975-4730;
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ISSUED FOR CONSTRUCTION

Roberts Bay/Ida Bay Mine
Site Remediation
Project No. 416829

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Figures

Roberts Bay and Ida Bay Location
Roberts Bay Silver Mine Photomap - RESCAN
Roberts Bay Abandoned Mine Site Sample Locations - RESCAN
Ida Bay Silver Deposit Photomap
Estimated Volumes of Waste Rock at the Roberts Bay and Ida Bay Mine Sites
Roberts Bay Waste Rock location
Ida Bay Waste Rock location
Roberts Bay Adit #1
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MINE OPENING SEAL

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Part 1 General

1.1 SECTION INCLUDES

- .1 Requirements rough grade all disturbed areas following excavation, and any other areas disturbed while undertaking the Work.
- .2 This section covers the requirements for the Contractor to seal vent raises and adits at Ida Bay and Roberts Bay. Dimensions of openings as follows:

Table 1. Mine Openings

Location	Approximate Opening Size (m)
Roberts Bay Adit #1	1 – 2 m height x 6.5 – 7 m wide x 10 m deep opening.
Roberts Bay Vent	Concrete cap 2.65 m x 2.5 m, 0.3 m thick
Roberts Bay Adit #2	2.5 m height x 4 m wide x 5 m deep
Ida Bay Adit	1.4 – 3.5 m height x 5.5 m wide x 10 m deep
Ida Bay Vent shaft	Overall opening of the area 3m x 2.3m Opening of shaft 2.3m x 1.65m Water depth inside appears to be 1.25m

- .3 Retain the services of a Level 2 Mine Supervisor, as required under the NWT Mine Safety Act.

1.2 DESCRIPTION OF MINE OPENINGS

- .1 Adit #1 at the Roberts Bay mine site is located northeast of the tailings pond. Adit#1 is covered with a wooden framework and plywood against which some waste rock is emplaced. Standing water at the entrance to the adit indicates the mine workings are flooded. A chain link fence surrounds the adit to provide some protection against access.
- .2 Adit #2 at Roberts Bay is located east of Adit #1 on the side of the eastern basaltic ridge. The walls of Adit #2 appear to be partially collapsed and a chain link fence only partially surrounds it. Caving and fractures are evident implying the structural integrity of the opening is not sound. Ice is visible at the bottom of the adit.
- .3 A vent raise, sealed with concrete, is located north of the opening of Adit #2. There is no evidence of subsidence around the vent raise.
- .4 The adit at Ida Bay is a prominent feature. It is fully open with no physical barrier to prevent access, or warning signs. The adit is located approximately 15 m from the ocean

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shoreline and at the time of the 2005, inspection was fully flooded with fresh water. The timbers bracing the back of the adit entrance appear deteriorated and their structural integrity is uncertain.

- .5 The vent raise at Ida Bay is located west of the adit. It is covered with loose plywood, which has begun to deteriorate. Below the plywood, the vent raise is filled with water.

1.3 REFERENCES

- .1 Nunavut Mine Health & Safety Act

1.4 MEASUREMENT OF PAYMENT

- .1 Payment for removing timbers, fences, and debris is covered under Section 02 41 13 Selective Demolition.
- .2 Payment for collapsing adits and vent raise by drilling and blasting at Roberts Bay and Ida Bay will be made at the lump sum price tendered under item 03 05 11-1 on the Basis of Payment form. Payment is for collapsing three (3) adits.
- .3 Payment for filling depressions following drilling and blasting, and filling the vent raise at Ida Bay is covered under Section 31 23 10 Excavating, Trenching and backfilling.
- .4 Except as otherwise indicated herein, work under this section will not be measured. Include all costs in Item BOPC-1, Balance of Project Costs in the Basis of Payment Schedule. Indicate the cost of this work as a separate line item in the cost breakdown specified in Section 01 32 19 - Project Management and Construction Schedule.

Part 2 Products

2.1 BLASTING AGENTS

- .1 Blasting contractor to select blasting agent required for this contract.

Part 3 Execution

3.1 PROTECTION

- .1 Prevent damage to surroundings and injury to persons. Post guards, sound warnings, and display signs when blasting is to take place.

3.2 BLASTING SUPERVISOR

- .1 Retain a blasting supervisor responsible for blasting methods and procedures, who will direct the activities of all blasting operations.
- .2 Blaster must have a valid blaster's certificate.

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3.3 BLASTING SAFETY

- .1 Assume full responsibility for safety in addition to any special provisions for safety included in these specifications; conform to all applicable laws and regulations.
- .2 Use a standard blasting warning signal in connection with all blasting that conforms to all applicable laws and regulations.
- .3 Use detonators with protected bridging or other acceptable precautions in all blasting operations done by electric firing.
- .4 Assign responsibility for the proper care of detonators and explosives to responsible employees and do not leave these materials unguarded unless secured in approved explosive magazines. Advise local authorities and police of arrangements for storing and handling of explosives.
- .5 When carrying out blasting operations take all proper precautions for the protection of persons and property, including use of blasting mats, screens, fences or barriers for protection against fly rock during blasting. Contractor shall be responsible for any mishap or damage resulting from the blasting operation.

3.4 SEAL MINE OPENINGS AT ROBERTS BAY

- .1 Clear away fence, debris, and timbers at the entrance to the adits.
- .2 Drill and blast the top of the adits to drop the tops of the adits.
- .3 Cover the remaining depressions with waste rock.
- .4 Cover the concrete cap at the vent raise with a minimum 500mm of waste rock, and blend in with the surrounding area.

3.5 SEAL MINE OPENINGS AT IDA BAY.

- .1 Remove timbers at entrance to adit.
- .2 Drill and blast the top of the adit to drop the top of the adit.
- .3 Cover the remaining depressions with waste rock.
- .4 Remove wood cover from vent shaft.
- .5 Fill the vent shaft with waste rock.

END OF SECTION

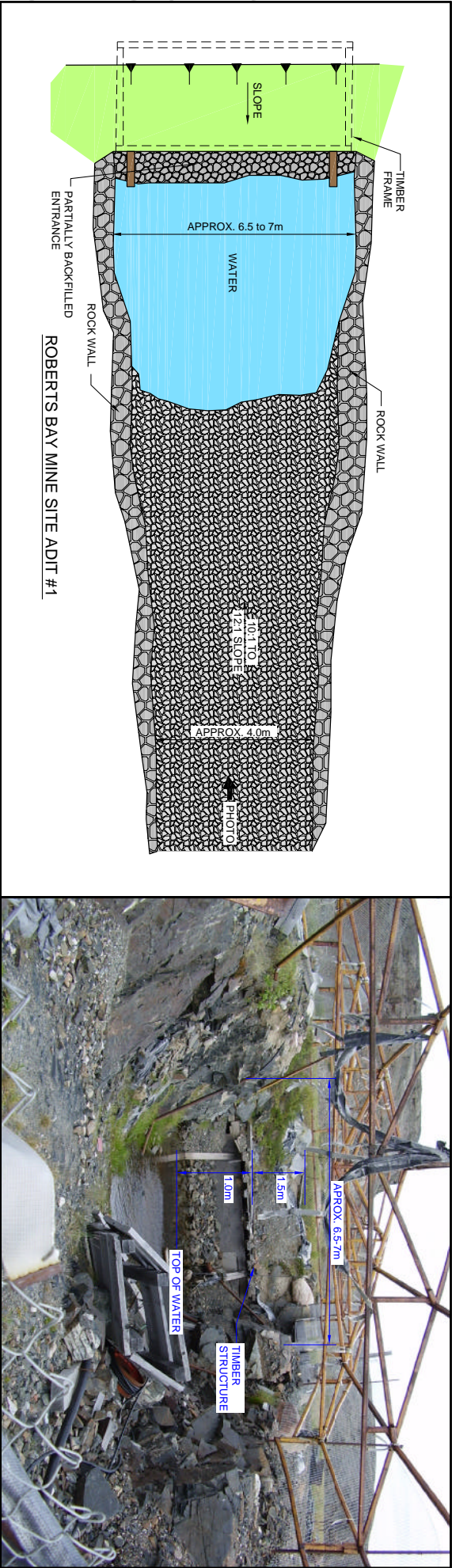
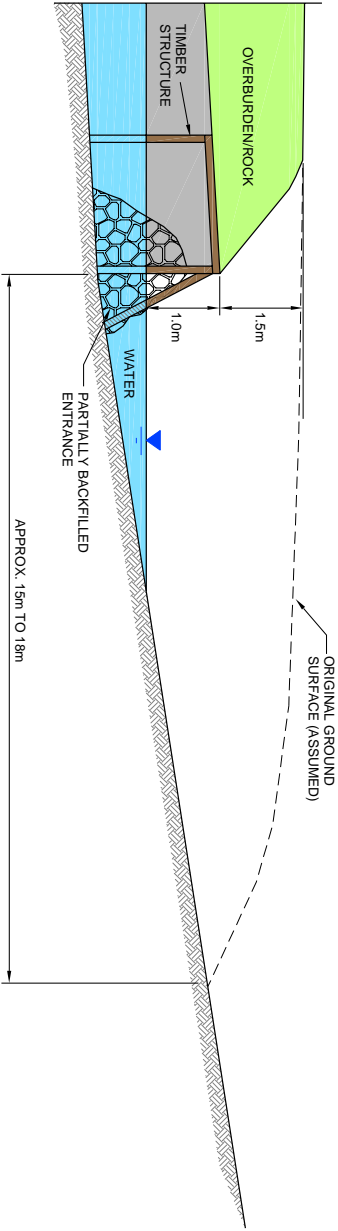
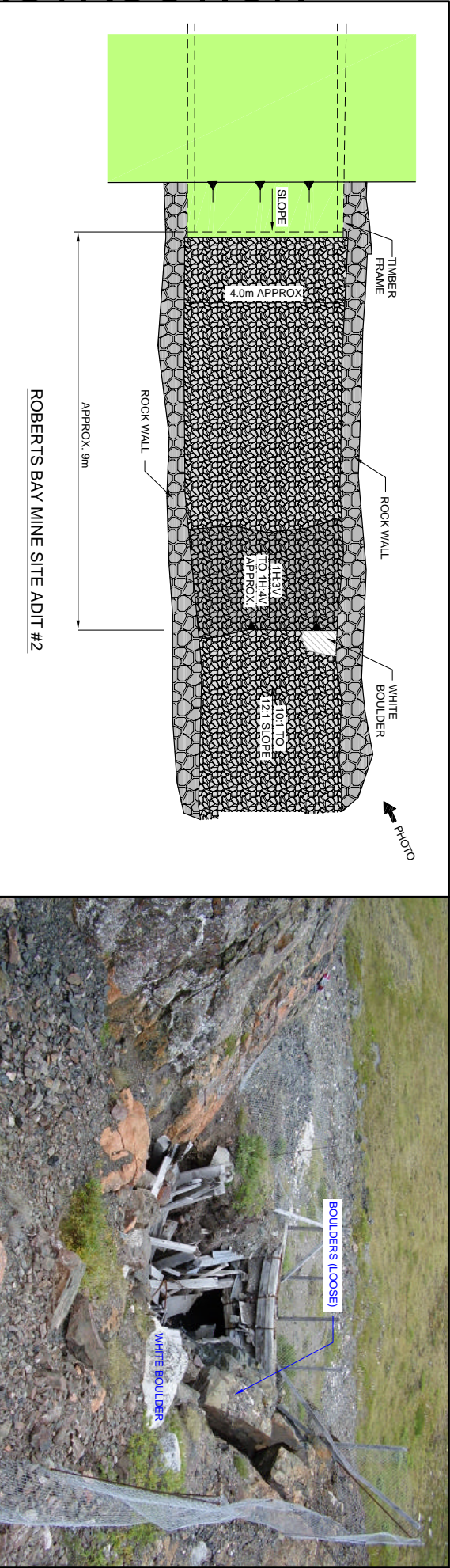


PHOTO LOOKING AT ADIT ENTRANCE



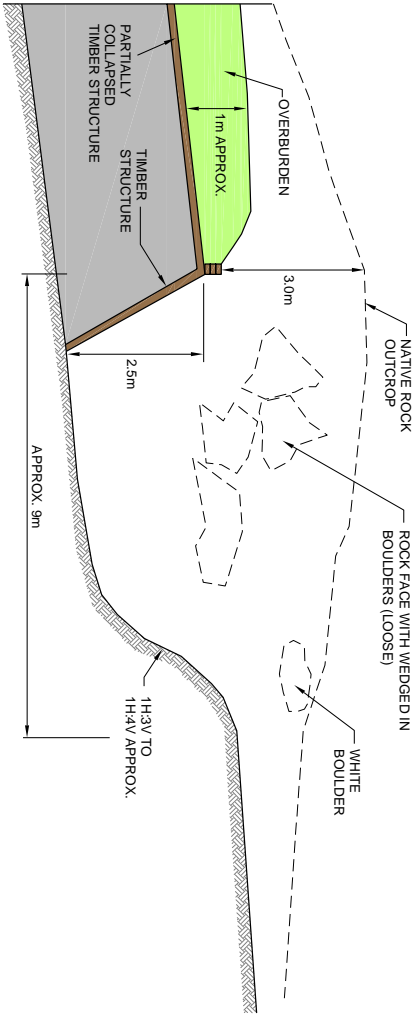
ROBERTS BAY MINE SITE ADIT #1 LONGITUDINAL SECTION

CLIENT: PUBLIC WORKS AND GOVERNMENT SERVICES CANADA		DRAWN BY: SM	PROJECT: ROBERTS BAY AND IDA BAY MINE SITE REMEDIATION	DATE: JAN. 2007
AMEC Earth & Environmental 2227 Douglas Road, Burnaby, B.C. V5C 5A9 Tel. 604-294-3811 Fax 604-249-4664		CHECKED BY: CP	TITLE: ROBERTS BAY MINE SITE ADIT #1 PLAN AND SECTION	PROJECT NO. WX15131-3000
amec		DATUM: CP		REV. NO.: A
		PROJECTION: SCALE: AS SHOWN		FIGURE NO. FIGURE 5



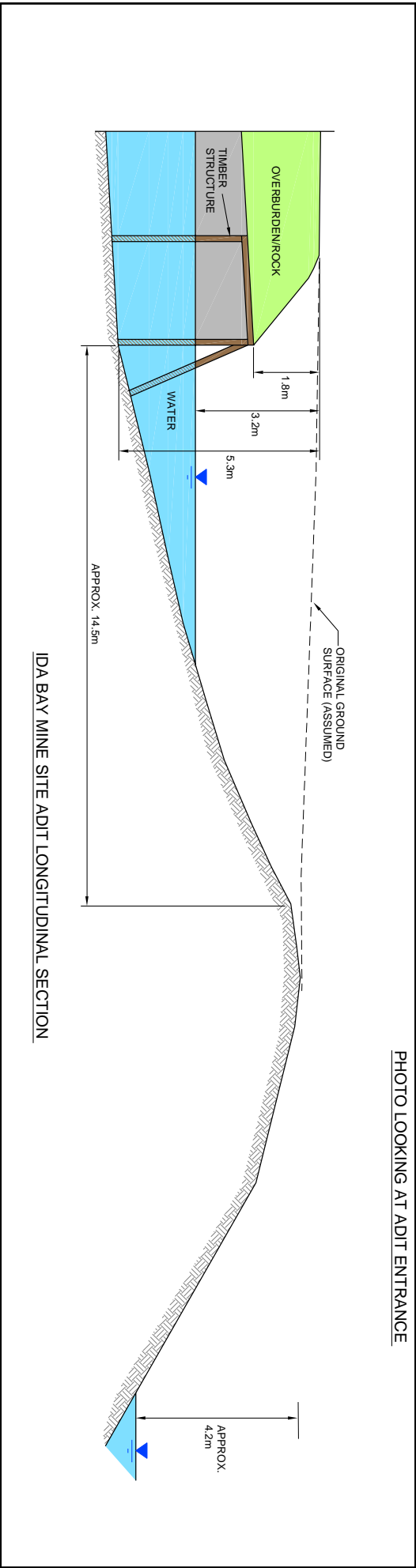
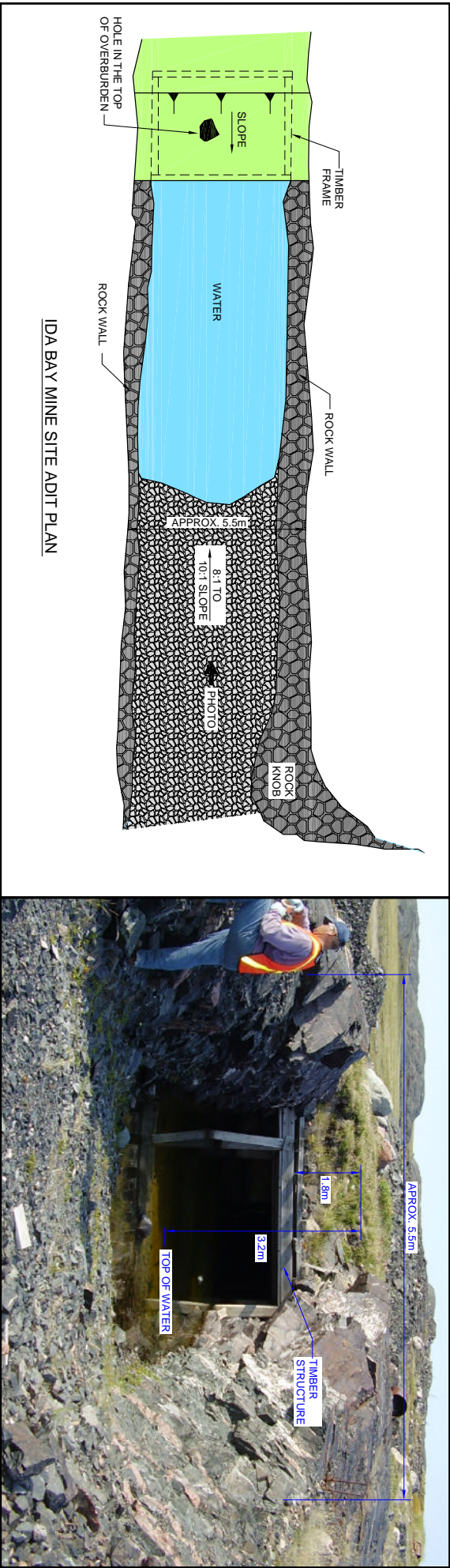
ROBERTS BAY MINE SITE ADIT #2

PHOTO LOOKING AT ADIT ENTRANCE



ROBERTS BAY ADIT #2 MINE SITE LONGITUDINAL SECTION

CLIENT: PUBLIC WORKS AND GOVERNMENT SERVICES CANADA		DWG BY: SM	PROJECT: ROBERTS BAY AND IDA BAY MINE SITE REMEDIATION	DATE: JAN 2007
AMEC Earth & Environmental 2227 Douglas Road, Burnaby, B.C., V5C 5A9 Tel: 604-294-3811 Fax 604-249-4664		CHECKED BY: CP	TITLE: ROBERTS BAY MINE SITE ADIT #2 PLAN AND SECTION	PROJECT NO: WX15131-3000
amec		DATUM: -	PROJECTION: -	REV. NO.: A
		SCALE: AS SHOWN		FIGURE NO: FIGURE 6



CLIENT:		PUBLIC WORKS AND GOVERNMENT SERVICES CANADA	
DRAWN BY:		SM	
CHECKED BY:		CP	
DATE:		-	
PROJECT:		ROBERTS BAY AND IDA BAY MINE SITE REMEDIATION	
TITLE:		IDA BAY MINE SITE ADIT PLAN AND SECTION	
PROJECTION:		-	
SCALE:		AS SHOWN	
DATE:		JAN. 2006	
PROJECT NO.:		WX15131-3000	
REV. NO.:		A	
FIGURE NO.:		FIGURE 7	