
	Mine Traffic Patterns	Issue Date: March 13, 2014 Rev.: 1	Page 1 of 10
	Mine Operations	Document #: BAF-PH1-340-PRO-0002	

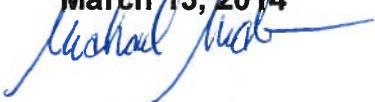
Baffinland Iron Mines Corporation

Mine Traffic Patterns

BAF-PH1-340-PRO-0002

Rev 1

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Title: Mine Manager
Date: March 13, 2014
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	Mine Traffic Patterns	Issue Date: March 13, 2014 Rev.: 1	Page 3 of 11
	Mine Operations	Document #: BAF-PH1-340-PRO-0002	

TABLE OF CONTENTS

1	PURPOSE.....	4
2	SCOPE	4
3	REQUIREMENTS	4
3.1	Permits And Training	4
3.2	Personal Protective Equipment (PPE)	4
3.3	Other Requirements.....	4
4	EXEMPTIONS.....	4
5	RESPONSIBILITIES.....	5
6	PROTOCOL	5
6.1	Priority for Mine Traffic "Right-of-Way"	5
6.2	Radio Communication	5
6.3	Entering the Mine Area (All Areas)	5
6.4	Travelling in the Mine	5
6.5	Passing Haul Trucks	6
6.6	Primary Crusher Access Road	6
7	REFERENCES AND RECORDS.....	6
	Appendix A: Safe Approach Diagrams.....	7-10

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	Mine Traffic Patterns	Issue Date: March 13, 2014 Rev.: 1	Page 4 of 11
	Mine Operations	Document #: BAF-PH1-340-PRO-0002	

1 PURPOSE

To ensure a safe and smooth flow of all traffic within the mining operation.

2 SCOPE

This SOP will go through any require PPE and training required to drive within the Mine and around Site, along with the proper protocol.

3 REQUIREMENTS

3.1 PERMITS AND TRAINING

- Valid Driver's License and or site drivers permit
- Haul road orientation
- All personnel must have completed the mandatory site courses as determined by the Safety and Health department.
- Additionally all personnel must have Site driver's course and be signed off as qualified by the Mine Training department

3.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

All personnel working in the mine must have at all times the required PPE and must be worn any time they are outside their equipment/vehicle:

- Hard hat
- Safety Glasses
- High visibility clothing
- Approved footwear
- Gloves

Note: additional PPE may be required under different circumstances such as inclement conditions or high noise areas


3.3 OTHER REQUIREMENTS

- Pre-operational checks must be completed to ensure beacon lights, buggy whips and headlights are in good working order. This will ensure that light vehicles are visible to haul trucks at all times and this will significantly reduce the chance of an incident occurring
- Any deficiencies found in equipment shall be reported to maintenance immediately.
- Notification to the Mine Operations Supervisor by 2-way radio upon entry or exit to and from the mine

4 EXEMPTIONS

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	Mine Traffic Patterns	Issue Date: March 13, 2014	Page 5 of 11
	Mine Operations	Rev.: 1	Document #: BAF-PH1-340-PRO-0002

Haul Truck units are exempt from stopping at Stop signs as they always have the right of way except in the case of emergency vehicles or vehicles marked as transporting explosives.

5 RESPONSIBILITIES

It is each employee's responsibility to adhere to all traffic regulations as stipulated by the employer.

6 PROTOCOL

6.1 PRIORITY FOR MINE TRAFFIC "RIGHT-OF-WAY"

- All responding Emergency Vehicles
- All other authorized vehicles responding to a "Code 1"
- Explosive Vehicles when carrying explosives. This will be indicated by the use of a red flashing beacon that must be operational and turned on when explosives are present. Further, all signage shall be placed in a position where it is highly visible
- Loaded Haul Trucks
- Unloaded Haul Trucks
- Other Mining Equipment
- Buses
- All other authorized vehicles

6.2 RADIO COMMUNICATION

- When in the mine area, personnel shall be on the designated "mine" radio channel at all times.
- Radio chatter must be kept to a minimum. The mine radio channel shall only be used for communicating activities which directly affect mine operations.
- Keep radio conversations short and concise. If more explanation is required ask the appropriate personnel to meet with you.

6.3 ENTERING THE MINE AREA (ALL AREAS)


- Access to the mine is restricted to personnel involved in legitimate work activities in the mine.
- All personnel, unless specified otherwise, are required to call the mine pit supervisor for permission to access the mine area.
- All personnel, unless specified otherwise, are required to call the mine pit supervisor when leaving the mine area. When re-entering the mine, permission must be granted again by the mine pit supervisor to access the mine area.
- When possible all light vehicle traffic shall be limited to mine break times. This will provide two half hour windows of opportunity at 11:00 am and 3:00 pm
- Personnel not assigned to work in the mine, MUST be escorted to and from their work area from the daily blast sign

6.4 TRAVELLING IN THE MINE

- The safe following distance when travelling behind a haul truck is 70m. This distance must be adhered to at all times.

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	Mine Traffic Patterns	Issue Date: March 13, 2014 Rev.: 1	Page 6 of 11
	Mine Operations	Document #: BAF-PH1-340-PRO-0002	

- During periods of inclement weather ice, snow blowing snow it will be necessary to increase the following distance especially on inclines.
- Unless authorization is given, no vehicle will be allowed to park on an active haul road.
- If your vehicle breaks down on a haul road pull over as far as safely possible, illuminate the 4-way flashers and immediately notify the Mine Supervisor and haul truck operators.
- When approaching equipment that is parked the safe approach diagrams in Appendix A shall be followed. Never park in the blind spots of equipment.
- Obey all speed limits. The posted speed limit for roads in the mine area is maximum 50km/hr.

Reminder: Speed limits are subject to road and weather conditions and it is every employee's responsibility to operate their vehicle in a safe manner.

6.5 PASSING HAUL TRUCKS

- A light vehicle cannot pass a haul truck loaded or empty under any circumstance while it is travelling, no matter how slow the operator may be going.
- In order to overtake a haul truck, the haul truck must be stopped and have the 4-way flashers illuminated, indicating it is okay to safely pass. Clear radio confirmation must be given by the haul truck driver for the light vehicle to pass.
- Hand signals and other non-verbal communication are not an acceptable means to indicate a light vehicle may pass.
- If you are unable to reach the operator by way of the 2-way radio then approach slowly at a safe distance as the operator may be on the ground checking the truck and unaware of your approach. After confirmation of the operator's location you may verbally determine if it is safe to pass.
- It is the haul truck operator's responsibility in the case of an emergency to pull over a safely and quickly as possible to allow responding emergency vehicles to pass should it be required.

6.6 PRIMARY CRUSHER ACCESS ROAD


- During crushing periods: "Through Traffic" is from the pit via the pit and mine road to the primary crusher and vice versa.
- This information must be conveyed to all personnel entering the mine by the Mine Supervisor at the time of entry.
- All personnel will adhere to this and give the right of way to haul truck operators assigned to this task as they are exempt from using any stop signs along that route

7 REFERENCES AND RECORDS

- Baffinland Iron Mines health and Safety program
- Standard Safe approach protocol for heavy equipment

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	Mine Traffic Patterns	Issue Date: March 13, 2014 Rev.: 1	Page 7 of 11
	Mine Operations	Document #: BAF-PH1-340-PRO-0002	

Appendix A

Safe Approach Diagrams


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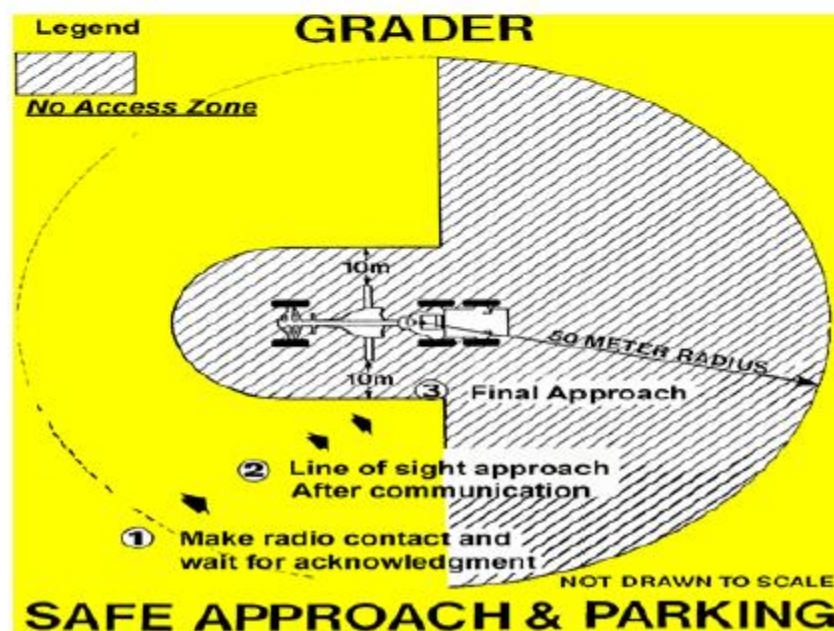
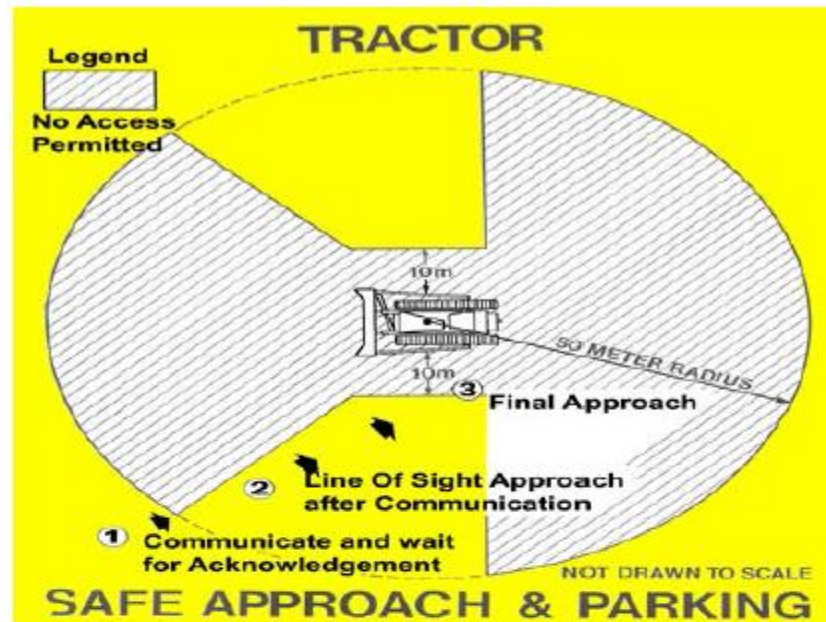
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	Mine Traffic Patterns	Issue Date: March 13, 2014 Rev.: 1	Page 8 of 11
	Mine Operations	Document #: BAF-PH1-340-PRO-0002	

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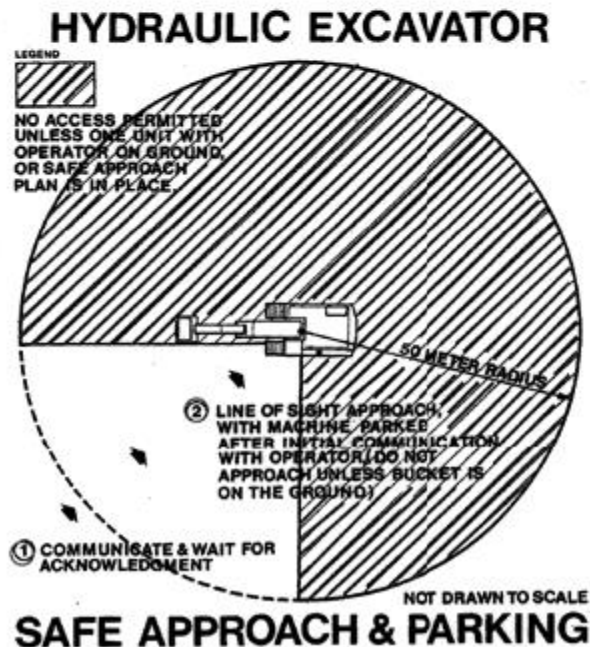
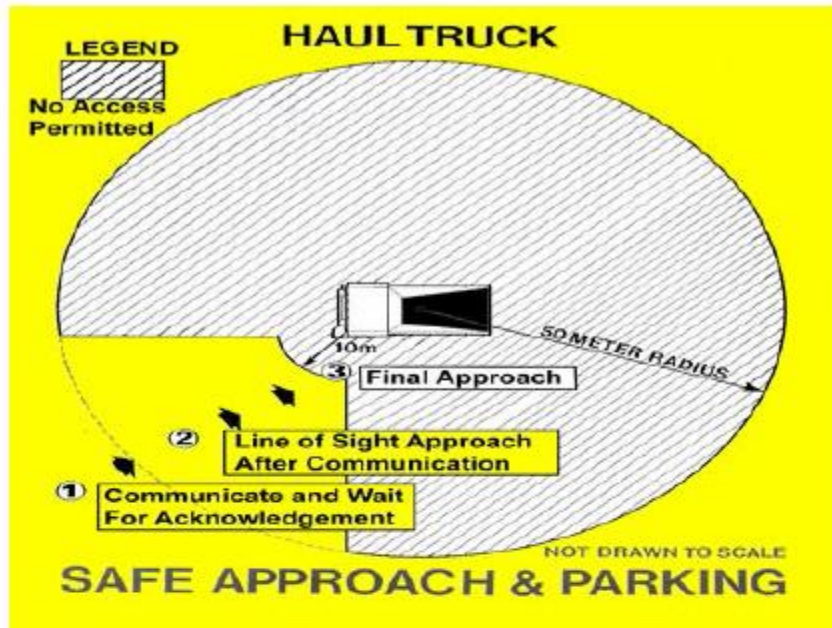
	Mine Traffic Patterns	Issue Date: March 13, 2014 Rev.: 1	Page9 of 11
	Mine Operations	Document #: BAF-PH1-340-PRO-0002	



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	Mine Traffic Patterns	Issue Date: March 13, 2014 Rev.: 1	Page10 of 11
	Mine Operations	Document #: BAF-PH1-340-PRO-0002	



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	Mine Traffic Patterns	Issue Date: March 13, 2014 Rev.: 1	Page 11 of 11
	Mine Operations	Document #: BAF-PH1-340-PRO-0002	

RUBBER TIRE DOZER, LOADER & PACKER



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