Make sure remote work **IS** SAFE WORK
Checklist – Exploration Drill Rig

Diamond drill rigs are portable worksites that can be located nearly anywhere: deep in the wilderness, on permafrost, on ice or near an existing mine site. The rigs and their locations have unique considerations that must be taken into account to ensure the worksite is in compliance with the Occupational Health and Safety Act. Below is a checklist to help ensure your rig is operating in a safe manner.

**Work Practices**
- Notice of drilling sent to MOL inspector
- Entranceways and travel ways in safe condition
- Surrounding area does not pose hazard to worksite (e.g. dead trees, loose boulders)
- PPE worn appropriate for task and in good condition
- No combustibles near diesel exhaust
- Core saw free of rock dust
- Core splitting area has adequate ventilation
- Electrical panel easy to access, not blocked by equipment
- WHMIS workplace labels on all hazardous products
- Washrooms in good condition
- Health & Safety Representative’s inspection posted
- MOL Poster “What you should know about the Ontario Employment Standards Act” is posted at worksite
- WSIB poster “In Case of Injury...1234” is posted at worksite
- Company’s occupational health and safety policy is available at worksite
- A process for reporting critical injuries and unusual occurrences is in place
- Best practice: flammable-resistant hydraulic oil used on drill rig

**Training**
- Supervisor trained in Generic Common Core 770141
- Supervisor is not supervising his own work
- Runner and helper are registered with MTCU
- WHMIS training valid
- Health & Safety rep present if 5 or more workers regularly work at drill rig site
- Workers have first-aid training
- Training for all required tasks has been provided (e.g. Operating chainsaws, handling propane, operating ATVs)
- Hard copies of all training records available on-site.

**Guarding**
- Drill rods, motor fully guarded
- Guard rails in place at large sump hole
- Guard rails on top of shack
- ‘No Loose Clothing’ policy in place
- Sheathing on hydraulic hoses
### Equipment

- Generators are grounded
- Stiff legs secured
- Drill secured
- Shack roof in good condition
- Large propane tanks secured, labelled and dated
- Diesel tanks secured and labelled
- Cover on electrical panels
- Hand-held tools in good condition
- PPE in good condition
- Lockout procedures for all equipment in place
- Convenience receptacles have ground fault protection (GFI)
- Submersible electric pumps operating in excess of 300 volts have a GFI
- Cables and wiring are protected and supported
- Masts and any metal parts projected into the air are adequately bonded and grounded

### Fall Arrest

- Fall arrest system in good condition (no oil or grease build-up) and not expired
- Fall arrest equipment inspected regularly and observations recorded
- Fall arrest anchors engineered and inspected
- Fall arrest system in place, including fall arrest for rescue
- Guard rails sturdy and in place
- Ladder secured, tied off and extends 3 feet above roof
- Open holes are guarded, secured

### Emergency Preparedness

- Emergency plan identifies potential emergencies and corresponding actions to be taken (e.g. fire, illness, injury, severe weather etc.)
- Emergency plan posted in conspicuous area in English, and in any other appropriate language for workplace
- Employees trained on emergency plan response
- Emergency vehicle available
- Appropriate emergency communication device available and charged
- Emergency contact numbers posted and valid
- Call-in procedure for support personnel working alone (e.g. mechanic, supervisor)
- Helipad present if no road access available
- Rescue plan for fall arrest available
- Eyewash station appropriate for WHMIS products on hand
- Paper copy of MSDS sheets readily available for all hazardous products on hand
- First aid supplies, and stretcher or basket, available at drill site

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Fire Extinguishers & CO Detectors

- Fire extinguishers in good condition
- Fire extinguishers mounted on wall
- Fire extinguishers located at diesel pump, inside shack and in view of fuel storage
- Fire extinguishers checked monthly and recorded on unit
- Carbon monoxide detectors present in drill shack

Seasonal

### Spring

- Bug spray and bug-proof clothing provided
- Bear control program in place

### Summer

- Heat stress prevention program in place
- Spark-arresters on equipment being moved during a hot, dry summer (forest fire prevention)

### Fall

- “Men working” signs posted during hunting season
- Hypothermia prevention program in place
- CSA approved, double-wall heater with no open flame inside drill shack
- Manual for heater available

### Winter

- Personal flotation devices available for crews working on ice
- Procedures for working on ice
- A logbook to record ice conditions
- Drill rig floor free of ice
- Grab on mast free of ice