

HAZARDS & CONTROLS RELATED TO ARCHAEOLOGICAL FIELDWORK IN NE BRITISH COLUMBIA

Task or Activity	Potential Hazards	Controls/Training
Quad and/or Snowmobile Operation & Transport	<ul style="list-style-type: none"> • Injury from operator error (crashing, rolling, etc.) 	<ul style="list-style-type: none"> • SLOW DOWN • Have an appropriate Quad and Snowmobile rider and safety training • Wear PPE : a helmet, eye protection, etc., and ensure it is in good working order
	<ul style="list-style-type: none"> • Equipment breakdown 	<ul style="list-style-type: none"> • Dress appropriately with long sleeved shirts and pants, waterproof outer layer • Carry a tool kit and spare parts (e.g., spark plugs, belts, oil, fuel, owner's manual)
	<ul style="list-style-type: none"> • Lost load (i.e., quad or snowmobile slides off trailer onto highway) 	<ul style="list-style-type: none"> • Take the time to ensure straps are in good repair • Use good quality straps • Ensure understanding of how to tie down a quad or snowmobile to a trailer • Physically check your load periodically during your trip
Truck & Trailer Operation	<ul style="list-style-type: none"> • Injury from accident due to road or vehicle conditions 	<ul style="list-style-type: none"> • SLOW DOWN • Ensure the vehicle is outfitted with required equipment appropriate to the season and conditions • Beware that some rental companies use all season tires, not snow tires, or tires inappropriate for off-road travel • Rental trailer tires are often worn so be sure there is a spare • Check the bolts and bars on the snowmobile anchors, sometimes the bolts are in stripped holes • Check the security and stability of the trailer hitch • Set up a winter kit for each truck that contains a set of chains, a tow rope, ropes, extra fuel, blankets, candles, food, etc.

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Task or Activity	Potential Hazards	Controls/Training
Soil Sampling	<ul style="list-style-type: none"> Injury from inappropriate use of equipment 	<ul style="list-style-type: none"> If the equipment is inappropriate, i.e. you are using saws and pickaxes, consider the purchase of a smaller saw or use an auger. Get training if you don't have it. Wear PPE: ear, eye protection; chaps (bucking pants) Use antivibration gloves Ensure the ergonomic use of pick and saw Ensure a large enough working area has been dug out to allow exhaust to escape Do not approach saw operator while saw is being used
Fieldwork–General	<ul style="list-style-type: none"> Extreme cold temperatures 	<ul style="list-style-type: none"> Dress for minus 40 Check weather before heading out Be aware of your company's Cold Weather Policy Carry extra clothes and food, blankets and candles
	<ul style="list-style-type: none"> Tree instability/falls 	<ul style="list-style-type: none"> Be aware of general tree instability in NEBC Look up once in a while Don't test under widow makers
	<ul style="list-style-type: none"> Extreme cold temperatures 	<ul style="list-style-type: none"> Ensure you are well hydrated before you go into the field; pack and drink lots of water If your pee is yellow, you are dehydrated Wear breathable, light clothing, a hat or head-kerchief

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Working Near Active Wells	<ul style="list-style-type: none"> • H2S (hydrogen sulphide) also known as Sour Gas 	<ul style="list-style-type: none"> • Be sure you have H2S training
	<ul style="list-style-type: none"> • Other gases 	<ul style="list-style-type: none"> • Pack an air monitor and use it. Make sure it has been properly calibrated.
	<ul style="list-style-type: none"> • Heavy machinery 	<ul style="list-style-type: none"> • Implement protocols for working around heavy equipment
Working During Hunting Season	<ul style="list-style-type: none"> • People with guns and alcohol 	<ul style="list-style-type: none"> • Dress brightly • Be aware of higher traffic volume •
Working During Forest Fire Season	<ul style="list-style-type: none"> • Getting caught in or causing a forest fire 	<ul style="list-style-type: none"> • Do not smoke in the bush • Be aware of fire hazard levels; check with forestry boards and/or personnel for fire risk levels • Carry a small extinguisher in the field; carry water • Check-in with forestry: let them know where you are working, when you are going in, and what time you intend to be out • Wear flame-retardant clothing, carry a high-visibility vest