

Appendix E

Summary of Project Commitments

Appendix E Summary of Commitments

E.1 Summary of Mitigation Measures

Table E.1 provides a consolidation of the mitigation measures proposed to avoid, reduce and/or compensate for the residual effects of the Project. Canada Nickel is committed to implementing these measures during the construction, operations and decommissioning and closure phases of the Project should the Project be approved.

Table E.1 Proposed Mitigation Measures

Commitment	Timing
Geology and Geologic Hazards	
Use best management practices to promote terrain stability via recontouring, terracing or benching and maintaining slope gradients for all excavated areas and stockpiled materials	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Prepare and implement an Erosion and Sediment Control Plan prior to construction to reduce the potential for erosion and sedimentation into the surrounding environment	<ul style="list-style-type: none"> • Developed prior to disturbance causing risks of erosion and sedimentation, applicable throughout the life of the Project as appropriate
Design the Open Pit, Stockpiles, Impoundment Facility and the Tailings Management Facility (TMF) according to the recommendations outlined within the stability assessment detailed in the Project's Feasibility Study (Ausenco Engineering Canada ULC 2023), as well as through further detailed engineering	<ul style="list-style-type: none"> • Applicable to each infrastructure individually, prior to construction of infrastructure
Prepare and implement a Soil Management and Rehabilitation Plan that will outline mitigations to revegetate soils to stabilize surface materials from erosion	<ul style="list-style-type: none"> • Developed prior to soil excavation, throughout the life of the Project as appropriate
At closure, conduct a slope stability assessment to demonstrate the long-term physical stability of the Open Pit and the Impoundment Facility. For the TMF embankments, Canada Nickel will demonstrate that the requirements set out by the Global Industry Standard on Tailings Management or and Canadian Dam Association guidelines for long-term care are met	<ul style="list-style-type: none"> • Decommissioning and closure
Develop and implement a Site-Wide Water Management Plan (Appendix J of the Impact Statement) for all phases of the Project, including a dewatering strategy to mitigate the risk of slope instability within the pit slopes	<ul style="list-style-type: none"> • Developed prior to disturbance requiring water management, applicable throughout the life of the Project as appropriate
Soils	
Implement grading so that the surface flow of water is not impeded or concentrated to accelerate erosion, where practical	<ul style="list-style-type: none"> • Construction and early operations
Maintain all sediment barriers until permanent revegetation or other stabilization measures are successful	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Promptly cover and revegetate exposed soil, to the extent practical	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate

Commitment	Timing
Restrict access, clearing and construction activities to frozen soil conditions (i.e., winter) or will implement other best management practices to limit compaction of soils that are planned to be or that are being reused for site reclamation, to the extent practical	<ul style="list-style-type: none"> • Construction and early operations
Avoid construction and rehabilitation activities during excessively wet soil conditions to limit soil structure damage through compaction of soils that are planned to be or that are being reused for site reclamation due to wet soil conditions, to the extent practical	<ul style="list-style-type: none"> • Construction, operations, and active closure
Chisel/rip/plough cover soil and subsoil (e.g., glacial till) to alleviate areas of suspected compaction during site reclamation activities, if needed	<ul style="list-style-type: none"> • Active closure
Refueling activities will be monitored at all times	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Vehicles and equipment will not be left unattended while being refueled	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Containers, hoses and nozzles will be free of leaks	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Spills will be reported immediately to a designated Canada Nickel representative, who will then confirm appropriate spill response measures have been initiated and will undertake the necessary spill reporting procedures	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Containment measures will be immediately initiated to limit the spread of the spill and to limit impacts on waterbodies or other areas of environmental concern and to prevent damage to property	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Any contaminated soil and vegetation, as well as spent sorbent material, will be collected and disposed of at a licenced waste facility	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Contaminated soils will be cleaned up in consultation with spill response specialists and the appropriate government agencies	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Implement dust control measures as described in Chapter 12 of the Impact Statement (Assessment of Potential Effects on the Atmospheric Environment), including the development of an Air Quality Management Plan	<ul style="list-style-type: none"> • Developed prior to beginning of overburden or waste rock hauling to the clay impoundment, applicable throughout the life of the Project as appropriate
Limit the construction footprint (i.e., Project Area [PA]), to the extent possible, to reduce soil disturbance	<ul style="list-style-type: none"> • Construction and early operations
Salvage cover soil prior to disturbance and reuse this material for rehabilitation at closure, to the extent practical	<ul style="list-style-type: none"> • Prior to soil excavation; active closure
Develop and implement an Erosion and Sediment Control Plan which will describe the measures and best management practices to be implemented to protect the environment, through reduction of site erosion and protection of nearby watercourses and/or waterbodies from sedimentation	<ul style="list-style-type: none"> • Developed prior to disturbance causing risks of erosion and sedimentation, applicable throughout the life of the Project as appropriate
Implementation of soil stabilization and erosion protection measures	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Inspection of erosion and sediment control measures regularly and after substantive precipitation events	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate

Commitment	Timing
Maintenance of sediment barriers until soils are stabilized and/or permanent revegetation measures are successful, and the adjacent upland areas are stabilized	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Atmospheric Environment	
Develop and implement an Air Quality Management Plan which will describe the efforts to be taken to manage the effects of the Project on ambient air quality in accordance with provincial regulatory requirements	<ul style="list-style-type: none"> • Developed prior to beginning of overburden or waste rock hauling to the clay impoundment, applicable throughout the life of the Project as appropriate
Impose the following restrictions within the Modeled Mine Boundary (Figure 12.4 of Chapter 12 of the Impact Statement) at receptors R01 and R05: <ul style="list-style-type: none"> • Agreements with property owners within the restricted area to remove buildings (through acquisition of the property or other arrangements) • Agreements with other individual landowners to prevent construction of any seasonal or permanent housing through acquisition or specific agreements to defer any construction until after mine operations are completed • Crown Leases to be obtained on Crown lands, to restrict access 	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate and as required through Environmental Compliance Approval
Install signage and/or gates on trails to restrict access and prevent overnight stays in the Modelled Mine Boundary (agreement with landowners if needed to place the signs)	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Work with the snowmobile clubs to prohibit overnight stays in warming huts except in cases of emergency along the snowmobile trail (signage for warming huts to be installed)	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Primary crushers will be enclosed and equipped with dust collectors that filter the internal air and exhaust it to the environment	<ul style="list-style-type: none"> • Operations
Secondary crushers will also be enclosed and equipped with dust collectors	<ul style="list-style-type: none"> • Operations
Crushed Ore Stockpiles will be enclosed and equipped with dust collectors or vent filters as necessary to demonstrate compliance during the provincial permitting process for air emissions (i.e., Environmental Compliance Approval)	<ul style="list-style-type: none"> • Operations
Conveyors transferring ore from the crushed ore Stockpiles to the semi-autogenous grinding mills will be enclosed	<ul style="list-style-type: none"> • Operations
Rail car concentrate loading will be enclosed in buildings	<ul style="list-style-type: none"> • Operations
The mobile roadstone primary and secondary crushers will be partially enclosed	<ul style="list-style-type: none"> • Construction and operations
Install a trolley-assist system in the Open Pit for haul trucks to reduce diesel fuel combustion during phase 1 of operations	<ul style="list-style-type: none"> • Operations
Optimize the road network design and the mining schedule to reduce haulage distances	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Once the mining operations are able to sustain the aggregate needs, haul roads will be surfaced with crushed gabbro from the Open Pit, which contains low percentages of silica, and will produce a hardened surface that will result in reduced silica emissions relative to other rock types	<ul style="list-style-type: none"> • Construction and operations

Commitment	Timing
Usage of dust suppressants during non-precipitation days in the summertime. Watering application rates and intervals will be adjusted to achieve the required mitigation efficiency, and additional operational measures that can control water evaporation rates will be implemented if needed	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Acquire mobile equipment that meet applicable Transport Canada off-road vehicle emission requirements (Tier 4 emissions standards), where feasible	<ul style="list-style-type: none"> • Operations
Implement effective and timely vehicle maintenance to maintain equipment in good working condition	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Implement an idling policy on site for mobile equipment and vehicles	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
<p>Reassess the need for additional mitigation measures that may be identified through the provincial permitting process for air emissions (i.e., Environmental Compliance Approval) and detailed design, which may include:</p> <ul style="list-style-type: none"> • Limiting haul truck speeds on the Open Pit ramps and the haul roads • Use of a commercially available surfactant or water additives • Where possible, maintain existing vegetation along the haul roads to act as a wind break • Select an electric haul truck fleet to replace in total or in part the main fleet required to haul material from the Open Pit during operations. At such time as a viable model in the size class(es) required is commercially available, this would likely be the preferred option for any further truck purchases over the remaining life of mine 	<ul style="list-style-type: none"> • Operations
<p>Consideration of the following principles during the Project lighting design for construction, operations and closure/decommissioning:</p> <ul style="list-style-type: none"> • Project lighting (locations, intensity) will be limited to that which is necessary for safe and efficient Project activities • Use lighting fixtures that limit or concentrate the lighting to targeted areas and avoid light spilling out of the spaces to be illuminated • Limit the projection of light toward the sky by using fixtures that meet actual lighting needs • Avoid the emission of light at more than 90 degrees, using luminaires with known cut-off specifications • Mobile and permanent lighting will be located such that unavoidable light spill off the working area is not directed toward receptors outside of the PA, to the extent practicable 	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Design the exterior lighting systems for Project operations to include directional lighting to limit light trespass and to avoid glare. Downward directed, full cutoff luminaires will be incorporated into the Project lighting plan (where practical) and portable lighting will be positioned to limit visibility outside the PA	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Leave tree cover in place to reduce the line-of-sight from onsite infrastructure to Highway 655	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Implement lighting at required locations along Highway 655 in accordance with applicable Ministry of Transportation standards	<ul style="list-style-type: none"> • Operations

Commitment	Timing
Acoustic Environment	
<p>A Noise and Vibration Management Plan will be developed for the Project which will describe:</p> <ul style="list-style-type: none"> • requirements for the routine management/maintenance of sources of noise and vibration during construction and operations • communication protocol requirements and a procedure for verifying and addressing complaints 	<ul style="list-style-type: none"> • Developed prior to disturbance, applicable throughout the life of the Project as appropriate
<p>Impose the following restrictions within the Modelled Mine Boundary (Figure 13.4 of Chapter 13 of the Impact Statement) and also at R01 and R05 through the following controls:</p> <ul style="list-style-type: none"> • Agreements with property owners within the restricted area to remove buildings through acquisition of the property or other arrangements • Agreements with other individual landowners to prevent construction of any seasonal or permanent housing either through acquisition or specific agreements to defer any construction until after mine operations are completed • Crown Leases to be obtained on Crown lands, to restrict access 	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate and as required through Environmental Compliance Approval
<p>Install signage and/or gates on trails to restrict access into the modelled mine boundary (agreement with landowners if needed to place the signs)</p>	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
<p>Prohibit overnight stays in warming huts along the snowmobile trail, except in emergencies (signage for warming huts to be installed)</p>	<ul style="list-style-type: none"> • Construction, prior to beginning of overburden or waste rock hauling to the clay impoundment, and operations
<p>Maintain mobile equipment and vehicles in good working order</p>	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
<p>Locate large stationary machinery (e.g., crushers) inside buildings and locate primary crushers below grade</p>	<ul style="list-style-type: none"> • Operations
<p>For the Highway 655 realignment, specific construction equipment that could potentially be used has been identified to be louder than permissible Ministry of Environment, Conservation and Parks (MECP) limits (NPC-115/118). Once equipment and construction schedules are finalized, Canada Nickel will review equipment noise to confirm that noise emissions are within the applicable MECP limits. If the sound levels are higher than the limits, Canada Nickel will explore noise control options for the associated equipment</p>	<ul style="list-style-type: none"> • Construction and Operations
<p>Develop and implement a Noise and Vibration Management Plan to describe:</p> <ul style="list-style-type: none"> • requirements for the routine management/maintenance of sources of noise and vibration during construction and operations • communication protocol requirements and a procedure for verifying and addressing complaints 	<ul style="list-style-type: none"> • Developed prior to disturbance, applicable throughout the life of the Project as appropriate

Commitment	Timing
Groundwater	
Limit the construction footprint (i.e., PA) to the extent possible to reduce the potential for reductions in groundwater recharge and limit the number of watersheds overprinted by the PA	<ul style="list-style-type: none"> • Construction and early operations
Where trenches extend below the water table and there are risks to the surrounding environment (draining effect), limit the seepage by lining trenches with a low permeability soil layer (silt and clay) and apply best management practices to reduce water infiltration, if needed	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
If faults or fractures which act as conduits for increased flow of groundwater are encountered during advancement of the Open Pit, evaluate potential impacts from the increased flows and, if necessary, implement grouting or other practical measures to reduce groundwater inflow	<ul style="list-style-type: none"> • Operations
Prepare an Emergency Preparedness and Response Plan and a Spill Prevention and Contingency Plan which will describe spill prevention, contingency planning and reporting practices for the timely and effective response to fuel and other chemical spills	<ul style="list-style-type: none"> • Developed prior to disturbance, applicable throughout the life of the Project as appropriate
Install contact water collection ditches around the Stockpiles, Impoundment Facility, and TMF to collect toe seepage and groundwater recharge from these Project components	<ul style="list-style-type: none"> • Construction and operations
Implement progressive rehabilitation (placement of a vegetated soil cover) to reduce infiltration into the Impoundment Facility and TMF, thereby reducing the amount of water and loading to groundwater and improvements to groundwater quality	<ul style="list-style-type: none"> • Operations
Develop and implement a Metal Leaching and Acid Rock Drainage Management Plan to reduce and limit the known and potential risks of metal leaching and acid rock drainage associated with the Project, thereby reducing potential effects to water quality	<ul style="list-style-type: none"> • Developed prior to disturbance, applicable throughout the life of the Project as appropriate
Surface Water	
Limit the construction footprint (i.e., PA) to the extent possible to limit the number of subwatersheds overprinted by the PA	<ul style="list-style-type: none"> • Construction and early operations
Develop and implement a Site-Wide Water Management Plan	<ul style="list-style-type: none"> • Developed prior to disturbance requiring water management, applicable throughout the life of the Project as appropriate
<p>The water management system will be designed to manage the 100-year return period, 24-hour duration storm event through the use of collection ponds and the Open Pit. This system will include:</p> <ul style="list-style-type: none"> • Collection ditches have been sized to convey the 100-year return period, 24-hour duration storm event with freeboard • Sedimentation ponds have been sized to store up to the 10-year return period, 24-hour duration storm event with freeboard <ul style="list-style-type: none"> - Flows above the 10-year return period, 24-hour duration storm event and up to the 100-year return period, 24-hour duration storm event will be managed by controlled release to the Open Pit to provide additional temporary storage - In the event of a flood event in excess of 100-year return period parameters, a secondary emergency overflow spillway will direct 	<ul style="list-style-type: none"> • End of construction for permanent water management infrastructures and operations

Commitment	Timing
<p>controlled overflow to the receiving environment has been designed. Spillways have been sized for a 200-year event</p> <ul style="list-style-type: none"> • Gravity collection/conveyance ditches will be employed, where possible, inclusive of overflows from sedimentation ponds to the Open Pit • Erosion control measures such as vegetation controls and/or stabilization with stone resistant to erosive forces will be employed in erosion-susceptible zones in drainage ditching, pond inlets, outlets, and spillway discharge ditches • Water discharges to the North Driftwood River and West Buskegau River will be balanced to the extent feasible to maintain watercourse flows 	
<p>Routinely monitor construction areas to identify areas of potential erosion and apply appropriate erosion and sedimentation control measures</p>	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
<p>Maintain haul roads, site roads, and access roads in good condition to reduce erosion, improve water flow and manage vegetation growth within the ditches</p>	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
<p>Recycle contact water for use onsite (e.g., dust suppression, makeup water in the Process Plant), where practical</p>	<ul style="list-style-type: none"> • Operations
<p>Collect runoff and groundwater inflows from the Open Pit and pump water to sedimentation ponds prior to being discharged to the receiving environment</p>	<ul style="list-style-type: none"> • Operations
<p>Design the seepage collection ditches to intercept shallow groundwater seepage from the TMF, ore Stockpiles and Impoundment Facility</p>	<ul style="list-style-type: none"> • Prior to placement of material within the infrastructure or facility
<p>Design contact water collection and sedimentation ponds (Collection Pond 1, Collection Pond 2, Collection Pond 3, TMF Northwest Collection Pond, and TMF Northeast Collection Pond) to provide onsite storage of local runoff with the size and residence times necessary to promote sediment removal</p>	<ul style="list-style-type: none"> • Applicable to each infrastructure individually, prior to construction of infrastructure
<p>Treat water effluents prior to discharge to the receiving environment, as required, to meet regulatory criteria including an Environmental Compliance Approval issued by the MECP as well as criteria developed through the receiving watercourse Assimilative Capacity Study (Appendix G of the Surface Water Resources Assessment [Appendix C.5 of the Impact Statement]), in addition to the Metal and Diamond Mining Effluent Regulations</p>	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
<p>Implement water treatment through use of a water treatment plant to receive discharge from the TMF, collection ponds and will use proven processes to treat the water to meet regulatory effluent criteria prior to discharge to the environment</p>	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
<p>Develop and implement a Metal Leaching and Acid Rock Drainage Management Plan to reduce and limit the known and potential risks of metal leaching / acid rock drainage (ML/ARD) associated with the Project, thereby reducing potential effects to water quality</p>	<ul style="list-style-type: none"> • Developed prior to disturbance, applicable throughout the life of the Project as appropriate

Commitment	Timing
Vegetation, Riparian and Wetland Environment	
Restrict clearing to the approved PA	<ul style="list-style-type: none"> • Construction and early operations
Mark clearing boundaries prior to site preparation to maintain clearing activities within the designated footprint	<ul style="list-style-type: none"> • Prior to disturbance; construction and operations
Avoid or reduce vegetation clearing activities within identified areas of plant species of management concern within the PA (if present), where practical	<ul style="list-style-type: none"> • Construction and operations
Implement dust suppression measures to reduce the generation and deposition of dust on vegetation adjacent to Project activities	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Implement industry-standard management practices to reduce and control the introduction or spread of invasive plants and noxious weeds, such as development of a clean equipment protocol	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Progressively revegetate disturbed areas in the PA to reduce the potential for colonization of disturbed areas by invasive plant species	<ul style="list-style-type: none"> • Operations
Use only native Ontario species and nurse crops when conducting progressive reclamation	<ul style="list-style-type: none"> • Operations
Where invasive plant species are discovered within the PA, implement vegetation control to eliminate the occurrence and prevent further spread	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Incorporate plant species at risk (SAR) and species of conservation concern (SOCC) in reclamation planning, if and where habitat is deemed suitable	<ul style="list-style-type: none"> • Operations and decommissioning and closure
Incorporate plant species of importance to Indigenous Nations into reclamation planning, if and where habitat is deemed suitable	<ul style="list-style-type: none"> • Operations and decommissioning and closure
Incorporate rare vegetation communities into reclamation planning, if and where habitat is deemed suitable	<ul style="list-style-type: none"> • Operations and decommissioning and closure
Incorporate erosion and sediment control measures during all phases of the Project to manage surface water and avoid sedimentation of sensitive vegetation communities	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Implement progressive rehabilitation in accordance with the Mine Development Closure Plan for temporary workspace occurring on or adjacent to rare vegetation communities, if present	<ul style="list-style-type: none"> • Operations
Revegetate areas of vegetation clearing along edges of rare vegetation communities (if present) as soon as practical to reduce the extent of edge effects	<ul style="list-style-type: none"> • Operations and decommissioning and closure
Provide Indigenous Nations some time to harvest plant species of interest from within the PA prior to disturbance, if requested	<ul style="list-style-type: none"> • Prior to disturbance
Develop and implement a Construction Environmental Protection Plan which will describe the proposed mitigation measures to reduce effects on vegetation resources	<ul style="list-style-type: none"> • Prior to disturbance; throughout the life of the Project as appropriate
Adjust the limits of clearing and disturbance to avoid riparian communities, where practical	<ul style="list-style-type: none"> • Construction and operations
When crossing watercourses and wetlands that will be preserved over the Project duration with linear features such as roads, maintain hydrological connectivity using appropriately sized culverts to reduce impacts on riparian vegetation	<ul style="list-style-type: none"> • Construction and operations

Commitment	Timing
Develop and implement an Erosion and Sediment Control Plan which will describe measures and best management practices to protect the environment through reduction of site erosion and protection of nearby watercourses and/or waterbodies from sedimentation	<ul style="list-style-type: none"> • Prior to disturbance causing risks of erosion and sedimentation, applicable throughout the life of the Project as appropriate
Implement industry standard management practices to reduce the introduction or spread of invasive plant species	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Incorporate riparian communities into reclamation planning, where habitat is deemed suitable	<ul style="list-style-type: none"> • Decommissioning and closure
When crossing wetlands that will be preserved over the Project duration with linear features such as roads, maintain hydrological connectivity using appropriate features such as properly placed and sized culverts	<ul style="list-style-type: none"> • Construction and operations
Incorporate wetlands into reclamation planning, where habitat is deemed suitable	<ul style="list-style-type: none"> • Decommissioning and closure
Fish and Fish Habitat	
Reduce the Project footprint in the West Buskegau River and Jocko Creek watersheds to the extent possible	<ul style="list-style-type: none"> • Construction and early operations
Avoid placement of mine infrastructure in the West Buskegau River mainstem to the east and the headwater lakes of the North Driftwood River watershed (i.e., Martin, Gerry, Jack, Mel, Sutherland, Davis Lakes) to the west of the PA	<ul style="list-style-type: none"> • Construction and early operations
Construct mine infrastructure in a progressive manner to delay alteration of fish habitat, to the extent practical	<ul style="list-style-type: none"> • Construction and early operations
Progressively backfill portions of the mined-out pit with tailings to reduce the footprint of the TMF at surface	<ul style="list-style-type: none"> • Operations
Construct the North Driftwood River Diversion Channel to divert run-off in the North Driftwood River watershed around the PA and to reduce potential flow reductions in the North Driftwood River downstream of the PA	<ul style="list-style-type: none"> • Operations
Apply natural channel design principles into the design of the North Driftwood River Diversion Channel using the existing North Driftwood River as a template	<ul style="list-style-type: none"> • Operations
Maintain riparian buffers around fish-bearing watercourses and waterbodies within the PA to the extent possible	<ul style="list-style-type: none"> • Throughout the life of the Project, as appropriate
Install open-bottom structures (i.e., clear-span bridges or open-bottom culverts) with abutments above the ordinary high-water mark at stream crossings of permanent fish-bearing mainstem channels	<ul style="list-style-type: none"> • Construction and operations
Install appropriately sized closed-bottom culverts at crossings of ephemeral streams or permanent fish-bearing or non-fish-bearing tributaries of mainstem channels	<ul style="list-style-type: none"> • Construction and operations
Divert clean, non-contact water around the Project site so that it reports to its natural watershed, to the extent possible	<ul style="list-style-type: none"> • Throughout the life of the Project, as appropriate
Capture run-off in collection ponds (reducing potential for contamination of watercourses) to provide start-up water for the Processing Plant	<ul style="list-style-type: none"> • Construction
Use contact water from the Open Pit and water decanted from the TMF as source water for use in the Processing Plant	<ul style="list-style-type: none"> • Operations

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Commitment	Timing
Recycle water between the Processing Plant and the water collection ponds	<ul style="list-style-type: none"> • Operations
Install water treatment plants at the collection pond outlets to provide treatment of contact water prior to its release to the surrounding environment	<ul style="list-style-type: none"> • End of construction and operations
Isolate instream work areas and implement erosion prevention and sediment control measures suitable for the local site and flow conditions	<ul style="list-style-type: none"> • Construction and operations
Maintain downstream flow, as required, when conducting in-water construction activities	<ul style="list-style-type: none"> • Construction and operations
Develop a Fish Habitat Offsetting Plan to counterbalance all unavoidable losses of fish habitat in the North Driftwood River, West Buskegau River and Jocko Creek watersheds that will be included as part of the Project's paragraph 35(2)(b) <i>Fisheries Act</i> Authorization application to Fisheries and Oceans Canada (DFO)	<ul style="list-style-type: none"> • Prior to disturbance of fish habitat
Limit the construction footprint (i.e., PA) to the extent possible to limit the number of sub-watersheds overprinted by the PA and to avoid larger watercourse (e.g. the West Buskegau River) and lakes (e.g. Martin Lake)	<ul style="list-style-type: none"> • Construction and early operations
Construct the North Driftwood River Diversion Channel "in the dry" to accommodate construction, stabilization, and vegetation growth within the new channel prior to diverting flows from the North Driftwood River	<ul style="list-style-type: none"> • Operations
Prohibit maintenance or refueling of machinery within 30 m of a fish-bearing watercourse or waterbody	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Conduct any in-water construction activities outside of the restricted activity periods defined by DFO, as follows, unless otherwise approved by DFO or Ministry of Natural Resources (MNR): <ul style="list-style-type: none"> • April 1 to June 20, for spring spawning in northeastern Ontario with walleye and northern pike present • September 1 to June 15 for fall and winter spawning fish in northeastern Ontario 	<ul style="list-style-type: none"> • Construction and operations
Design water intakes to reduce disturbance of the stream or lakebed and fitting all intakes with screens that comply with the DFO end-of-pipe fish screen requirements	<ul style="list-style-type: none"> • Prior to installation of water intakes
Isolate and dewater any work areas within watercourses or waterbodies	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Progressively reclaim mine infrastructure to reduce erosion and sediment loading to streams	<ul style="list-style-type: none"> • Operations
Conduct fish salvages prior to dewatering by a qualified aquatic biologist and releasing captured fish to areas within the same watercourse, outside of the work area, where suitable habitat exists, or in accordance with appropriate permits	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Require machinery, vehicles, and equipment to be clean and in good working order prior to coming to site	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Implement a no-fishing policy in watercourses and waterbodies within or adjacent to the PA by all Project personnel while on-shift	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate

Commitment	Timing
Install and maintain appropriate temporary erosion and sediment control measures during construction	<ul style="list-style-type: none"> • Construction and operations
Develop and implement a Site-Wide Water Management Plan (Appendix J of the Impact Statement) for the Project	<ul style="list-style-type: none"> • Developed prior to disturbance requiring water management, applicable throughout the life of the Project as appropriate
Develop and implementing a Construction Environmental Protection Plan which will describe the steps that will be taken to limit environmental impacts during mine construction	<ul style="list-style-type: none"> • Developed prior to disturbance, applicable throughout the life of the Project as appropriate
Develop and implement an Air Quality Management Plan which will describe the management efforts to be taken to manage the effects of the Project on ambient air quality in accordance with provincial regulatory requirements	<ul style="list-style-type: none"> • Developed prior to beginning of overburden or waste rock hauling to the clay impoundment, applicable throughout the life of the Project as appropriate
Develop and implement an Erosion and Sediment Control Plan which will describe the measures and best management practices to be implemented to protect the environment through reduction of site erosion and protection of nearby watercourses and/or waterbodies from sedimentation	<ul style="list-style-type: none"> • Developed prior to disturbance causing risks of erosion and sedimentation, applicable throughout the life of the Project as appropriate
Develop and implement a Vegetation Management Plan which will describe the mitigation approaches for reducing effects on vegetation (including riparian vegetation) and include an Invasive Species Management Plan	<ul style="list-style-type: none"> • Developed prior to disturbance, applicable throughout the life of the Project as appropriate
Develop and implement a Waste Management Plan that will include procedures for the handling and storage of chemical and hazardous materials	<ul style="list-style-type: none"> • Prior to disturbance, applicable throughout the life of the Project as appropriate
Develop and implement a Spill Prevention and Contingency Plan which will describe the means (internal corporate procedures) by which the spill contingency plan is activated and steps to be taken to report, contain, clean up and dispose of contaminants following a spill, including appropriate contacts for responding to spills	<ul style="list-style-type: none"> • Prior to disturbance, applicable throughout the life of the Project as appropriate
Develop an Explosives Management Plan which will describe the safe use and storage of explosives at the Project site	<ul style="list-style-type: none"> • Prior to explosives management on-site
Birds and Bird Habitat	
Restrict clearing to the approved PA	<ul style="list-style-type: none"> • Construction and early operations
Mark clearing boundaries prior to site preparation to maintain clearing activities within the designated footprint. Where possible, vegetated buffers and natural vegetation will be maintained around sensitive features	<ul style="list-style-type: none"> • Prior to disturbance; construction and operations
Implement appropriate vegetation clearing techniques to reduce impacts on features to be retained (e.g., trees to be felled away from adjacent lands where natural areas are to be retained/protected)	<ul style="list-style-type: none"> • Construction and operations
Install erosion and sediment control measures prior to construction activities in areas where offsite sedimentation may impact natural features, particularly wetlands, watercourses, and waterbodies	<ul style="list-style-type: none"> • Construction and operations
Reduce the extent and duration of exposed soil and cover areas to suppress fugitive dust and prevent sedimentation due to wind and rainfall erosion, to the extent practical	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate

Commitment	Timing
Maintain vegetation cover along the boundaries of high-activity areas (e.g., access roads) to reduce sensory (noise and visual) disturbance, where practical	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
When crossing wetlands with linear features such as roads that will be preserved over the Project duration, maintain hydrological connectivity using appropriate features such as properly placed and sized culverts	<ul style="list-style-type: none"> • Construction and operations
Control activities associated with vehicles, including maintenance procedures to reduce the risk of petroleum products, debris, rubble, concrete or other deleterious substances entering the water	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Implement mitigation for lighting as described in Chapter 12 of the Impact Statement	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
If small scale, localized vegetation clearing is required during the migratory bird breeding season and the area can be effectively searched for presence of nests, have an experienced biologist/scientist survey for signs of nesting before vegetation removal	<ul style="list-style-type: none"> • Construction and operations
Canada Nickel personnel or contractors will report the discovery of bird nests to appropriate Canada Nickel personal (e.g., the Environmental Department) who will follow appropriate action or follow-up	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Progressively reclaim disturbed areas used	<ul style="list-style-type: none"> • Operations
<p>Develop and implement a Mine Development Closure Plan which will describe the methods for restoration of the mine site, including opportunities for revegetation, restoration of natural corridors and habitat connectivity. The Mine Development Closure Plan will also:</p> <ul style="list-style-type: none"> • Consider the needs of bird SAR, such as encouraging the development of a high, dense shrub layer to support Canada Warblers • Layout timelines for revegetation/reclamation, as well as methods to federal and provincial permits will be obtained as necessary in relation to impacts to birds, bird nests and bird habitat 	<ul style="list-style-type: none"> • Prior to disturbance, as agreed with the Ministry of Mines
If activities that could result in risk of harm cannot be avoided, Canada Nickel will develop Project-specific bird monitoring activities within the Wildlife Management Plan to outline how risk of harm will be managed in accordance with Environment and Climate Change Canada guidance	<ul style="list-style-type: none"> • Prior to disturbance of bird habitat; throughout the life of the Project as appropriate
Complete pre-disturbance surveys to identify any nests that are protected under the <i>Fish and Wildlife Conservation Act (FWCA)</i> (e.g., Bald Eagle, other raptors) or nests that are protected year-round on Schedule 1 of the Migratory Birds Regulations (e.g., Pileated Woodpecker, Great Blue Heron). Canada Nickel will not remove these nests unless appropriate permits are in place	<ul style="list-style-type: none"> • Prior to disturbance; throughout the life of the Project as appropriate
Provide training for environmental personnel responsible for site monitoring during construction to recognize SAR and SOCC that may be present in the PA, as well as nests protected under the FWCA, and Great Blue Heron and Pileated Woodpecker nests that are protected year-round on Schedule 1 of the Migratory Birds Regulations, 2022	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate

Commitment	Timing
Construct soil Stockpiles to achieve flatter slopes to make the Stockpiles less attractive to Bank Swallows, which are known to construct nesting burrows in soil stockpiles that have steep faces and light soils amenable to burrowing. In addition, if soil has been removed from a Stockpile during the bird breeding season resulting in a vertical or near-vertical face, Canada Nickel will knock down the vertical face with an excavator to make it unattractive to swallows	<ul style="list-style-type: none"> • Construction and operations
Will not disturb or destroy active nests of migratory birds, which are protected under the MBCA. Canada Nickel will also comply with the Migratory Bird Regulations (MBR), including the Schedule 1 species (e.g., Pileated Woodpecker and Great Blue Heron)	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Complete pre-disturbance surveys to identify Short-eared Owl nesting areas within or adjacent to the PA. If nests are present, appropriate timing windows and buffers will be implemented	<ul style="list-style-type: none"> • Prior to disturbance; throughout the life of the Project as appropriate
Will not disturb or remove nests of provincially protected species (e.g., Bald Eagle, Osprey) unless a permit has been issued through the FWCA	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Complete pre-disturbance surveys to locate raptor nests and nests of species protected on Schedule 1 of the MBR (Pileated Woodpecker, Great Blue Heron)	<ul style="list-style-type: none"> • Prior to disturbance; throughout the life of the Project as appropriate
Implement appropriate setbacks and timing windows for active raptor nests that are within 800 m of the PA. Mitigation will vary according to the species, location of nest, distance from the PA and type of activity	<ul style="list-style-type: none"> • Construction
Schedule vegetation clearing activities outside the migratory breeding bird period (Zone C5: April 30 to August 20) to reduce the likelihood of disturbing or harming nests of migratory birds, to the extent practical	<ul style="list-style-type: none"> • Construction and operations
Notify the Environment and Climate Change Canada Canadian Wildlife Service of mortality of any migratory bird SAR in the PA	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Prohibit hunting and harvesting by Project personnel while performing work on the Project	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Follow best management practices for general site housekeeping to reduce wildlife attraction (e.g. food and chemical storage, prompt removal of roadkill)	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Develop and implement a Site-Wide Water Management Plan (Appendix J of the Impact Statement) for the Project that will treat effluent prior to discharge to the environment, which will reduce the likelihood of harmful effects to migratory birds	<ul style="list-style-type: none"> • Developed prior to disturbance requiring water management, applicable throughout the life of the Project as appropriate
Implement road safety measures such as speed limits and signage to reduce the chance for bird mortality	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Provide environmental personnel responsible for site monitoring during construction with training to recognize SAR and SOCC that may be present in the PA	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Provide relevant Project personnel with training on recognizing migratory bird and raptor nests, signs of active nest disturbance and associated bird response behaviour	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
If an active nest is found, or evidence of nesting behaviours observed, suspend work in the area until applicable mitigations have been implemented	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate

Commitment	Timing
Deploy bird deterrents (e.g., noise makers, wire barricades) as necessary to discourage birds from entering onsite ponds, including the TMF NE and NW Collection Ponds or other Project infrastructure that could attract birds	<ul style="list-style-type: none"> • End of construction and operations
Maintain embankments of the TMF and Collection Ponds to be free of trees and shrubs to limit the attraction of waterfowl and/or wildlife to these ponds for foraging or breeding	<ul style="list-style-type: none"> • End of construction and operations
Prior to demolishing existing building and infrastructure, have experienced biologists/ scientists conduct surveys for breeding birds. Where practical, Canada Nickel will demolish existing buildings and infrastructure outside of the migratory breeding bird season	<ul style="list-style-type: none"> • Decommissioning and closure
Prohibit Project personnel from hunting and bringing firearms to the site while working	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Track and report bird mortality including bird-vehicle collisions or collisions with equipment or project infrastructure and develop adaptive management measures as required	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Wildlife and Wildlife Habitat	
Limit the construction footprint (i.e., PA) to the extent possible and will restrict clearing to the approved PA	<ul style="list-style-type: none"> • Construction and early operations
Mark clearing boundaries prior to site preparation to maintain clearing activities within the designated footprint to mitigate potential for encroachment into sensitive features	<ul style="list-style-type: none"> • Prior to disturbance; construction and operations
Prepare and implement a Construction Environmental Protection Plan and Wildlife Management Plan, which will include tailored strategies for species and sensitive habitats that align with the principles of the “hierarchy of mitigation measures.” Avoiding and restricting activities during sensitive and critical timing windows will be prioritized, to the extent practical	<ul style="list-style-type: none"> • Prior to disturbance
Implement appropriate vegetation clearing techniques to reduce impacts on features to be retained (e.g., trees to be felled away from adjacent lands where natural areas are to be retained/protected)	<ul style="list-style-type: none"> • Construction and operations
Maintain vegetated buffers from sensitive features and retain natural vegetation, to the extent practical	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Implement progressive reclamation of the mine site and/or any temporarily disturbed areas	<ul style="list-style-type: none"> • Operations
Prepare and implement a Mine Development Closure Plan that identifies the methods for restoration of the mine site, including opportunities for revegetation, restoration of wildlife corridors and habitat connectivity	<ul style="list-style-type: none"> • Prior to disturbance, as agreed with the Ministry of Mines
When crossing wetlands that will be preserved over the Project duration with linear features such as roads, maintain hydrological connectivity using appropriate features such as properly placed and sized culverts	<ul style="list-style-type: none"> • Construction and operations
Develop and implement an Erosion and Sediment Control Plan which will describe the measures and best management practices to be implemented to protect the environment through reduction of site erosion and protection of nearby watercourses and/or waterbodies from sedimentation	<ul style="list-style-type: none"> • Developed prior to disturbance causing risks of erosion and sedimentation, applicable throughout the life of the Project as appropriate

Commitment	Timing
Develop and implement a Spill Management and Contingency Plan which will describe the means (internal corporate procedures) by which the spill contingency plan is activated and steps to be taken to report, contain, clean up and dispose of contaminants following a spill, including appropriate contacts for responding to spills	<ul style="list-style-type: none"> • Prior to disturbance
Obtain an Overall Benefit Permit, if required, for impacts to Blanding's turtle Category 2 and Category 3 habitat that extends into the PA. Any permit conditions, including compensation requirements, timing windows, and setbacks, will be integrated into the appropriate management plan (e.g., Construction Environmental Protection Plan and Wildlife Management Plan)	<ul style="list-style-type: none"> • Prior to disturbance, as agreed with the Ministry of Environment, Conservation and Parks
<p>Incorporate the following mitigation measures as it relates to potential Project-related effects on boreal caribou:</p> <ul style="list-style-type: none"> • The Wildlife Management Plan will take into consideration Ontario's best management practices for mineral exploration and development activities and Woodland Caribou in Ontario • Consideration will be given to the creation of boreal caribou habitat onsite as part of the Mine Development Closure Plan, in conjunction with other priorities identified through engagement activities • Obtain an Overall Benefit Permit under the <i>Endangered Species Act</i> (ESA), if required, for impacts to Category 3 habitat within the PA. Any permit conditions, including compensation requirements, timing windows, and setbacks, will be integrated into the appropriate management plan (e.g., Construction Environmental Protection Plan and Wildlife Management Plan) 	<ul style="list-style-type: none"> • As per the timing presented for the Wildlife Management Plan, the Mine Development Closure Plan and the Overall Benefit Permit
Obtain an Overall Benefit Permit under the ESA, if required, for impacts to bat roosting habitat within the PA. Any permit conditions, including compensation requirements, timing windows, and setbacks, will be integrated into the appropriate management plan (e.g., Construction Environmental Protection and Wildlife Management Plan)	<ul style="list-style-type: none"> • Prior to disturbance, as agreed with the Ministry of Environment, Conservation and Parks
Prepare and implement a Construction Environmental Protection Plan and Wildlife Management Plan, which will include tailored strategies for species and sensitive habitats that align with the principles of the "hierarchy of mitigation measures." Avoiding and restricting activities during critical timing windows will be prioritized, to the extent practical	<ul style="list-style-type: none"> • Prior to disturbance
Maintain vegetation cover along the boundaries of high activity areas (e.g., access roads) to reduce sensory effects such as noise and visual disturbances, where practical	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Implement measures to deter or exclude wildlife, where feasible. Measures will focus on directing wildlife away from construction activities, mining activities and infrastructure, and towards essential habitat outside of the PA	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Consider wildlife friendly road and railway design principles and features, such as signage, adapting crossings (e.g., culverts) to allow small wildlife passage, speed limits, where relevant and practical	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate

Commitment	Timing
Implement mitigation for lighting as described in Chapter 12 of the Impact Statement and the following measures specific to wildlife: <ul style="list-style-type: none"> • Direct light away from wildlife habitat, particularly marsh communities and other areas that may be used as refugia, nesting, thermoregulation, or overwintering to the extent practical • Select low intensity lighting, where practical 	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Complete pre-disturbance surveys during the appropriate timing windows for target species and/or sensitive habitats, where necessary	<ul style="list-style-type: none"> • Prior to disturbance, throughout the life of the Project as appropriate
Will not remove occupied mammal dens, except where appropriate mitigation has been identified and authorized through permits or approvals by appropriate regulatory agencies	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Remove beaver dams or lodges in accordance with the FWCA	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Implement measures to control site access from new access roads and the railway, which may include gates	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Log wildlife-vehicle collisions, near misses or observations of mortality in the PA and will use this information to inform the implementation of adaptive management strategies at high frequency locations, if necessary	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Develop wildlife protocols and implement awareness training to educate Project personnel on measures to take in the event of potential encounters and reduce risk of human-wildlife conflict. This policy will also restrict Project personnel for harming or harassing wildlife	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
If wildlife are encountered, Project personnel will temporarily suspend activities until the species is out of harm's way. The encounter will be reported to Canada Nickel representative (e.g., environmental department)	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
If wildlife salvage and relocation is necessary, a qualified biologist or trained Project personnel will handle and transport the species following the MNR's Ontario Species at Risk Handling Manual: For Endangered Species Act Authorization Holders	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Where practical, conduct vegetation clearing within turtle habitat between October 16 to April 14, outside of the active period, except where appropriate mitigation has been identified and authorized through permits or approvals by appropriate regulatory agencies	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Only remove Category 2 and 3 Blanding's turtle habitat (near the northeast boundary of the PA) between October 16 to April 14, outside of the active period for turtles, unless otherwise approved by MECP	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Removal of an occupied turtle nest will not be permitted except where appropriate mitigation has been identified and authorized through permits or approvals by appropriate regulatory agencies	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
If an occupied turtle nest is identified, the nest shall be left undisturbed, the area flagged, and a 30 m setback applied. Work within the 30 m setback will temporarily cease until such time that the nest is vacated and/or relocated. Any salvage and relocation will require approval under applicable legislation	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate

Commitment	Timing
If an occupied overwintering turtle site is confirmed during construction, the overwintering site shall be flagged, and a 30 m setback applied where work will temporarily cease until such time that the overwintering is vacated and or the individuals are salvaged and relocated. Any relocation will require approval under applicable legislation	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
If a turtle is encountered, temporarily suspended work until the species is out of harm's way. If relocation is necessary, the species shall be handled and transported by a qualified biologist or trained Project personnel following the MNR's Ontario Species at Risk Handling Manual: For Endangered Species Act Authorization Holders	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
If a boreal caribou is observed onsite, temporarily suspend work in the area that could pose a threat to the individual, when safe to do so, until it is out of harm's way. The encounter will be logged by Canada Nickel and reported to MECP and Environment and Climate Change Canada	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Conduct tree removals between September 1 and April 30, outside of the active period for bats, where possible	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
When tree removal is proposed within candidate bat roosting areas between May 1 and August 31, conduct roost surveys prior to disturbance, with the exception of between June 1 and July 31 (core roosting/rearing period), where no clearing will be permitted	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Removal of occupied roosts will not be permitted unless authorized through permits or approvals	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
If an occupied bat roost is identified, the tree shall be left undisturbed, the area flagged, and a 120 m setback applied, and work will temporarily cease until such time that the roost is vacated	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
In the unlikely event that an occupied hibernacula is identified, work within a 120 m setback will cease until the hibernacula has been vacated or alternative mitigations have been agreed to with MECP	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
During the construction of buildings or other structures, bats will be discouraged from establishing roost or overwintering sites	<ul style="list-style-type: none"> • Construction and operations
Use of sticky traps for problem rodents will be avoided, as bats are often attracted to these	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Prevent the growth of trees and shrubs and will maintain low-growing vegetation around the TMF and Collection Ponds until reclamation activities are underway	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Climate Change	
Achieve zero net greenhouse gas emissions by the year 2050	<ul style="list-style-type: none"> • Operations (from 2050 onward and in accordance with the <i>Canadian Net Zero Emissions Accountability Act</i>) as appropriate
Prioritize the avoidance of emissions during design and engineering phases (i.e. the integration of Best Available Technology/Best Environmental Practice)	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Continuously evaluate and assess further emission reductions based on the changing environment (i.e. the rapid evolution of technology and economics)	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate

Commitment	Timing
Offset residual sources of hard to abate emissions	<ul style="list-style-type: none"> • Operations (from 2050 onward and in accordance with the <i>Canadian Net Zero Emissions Accountability Act</i>) as appropriate
Continuously evaluate current and emerging best available technologies as it relates to technological advancements, changing market conditions and relevant government policies, with the goal of promoting accelerated greenhouse gas reductions where technologically and economically feasible	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
<p>The following technology and best practices are currently considered as part of the net-zero plan for the Project:</p> <ul style="list-style-type: none"> • Biomass chipping and spreading • Merchantable timber recovery • Passive mineral carbonation • In Process Tailings carbonation • Site remediation and land reclamation • Vehicle and equipment idling policy • Vehicle and equipment optimal sizing • Vehicle and equipment regular maintenance • Traffic Management Plan • Strategic site design to reduce haulage distances • Use of trolley assist haulage • Use of electric vehicles and equipment • Use of autonomous vehicles 	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Health	
Limit the construction footprint (i.e., PA) to the extent possible to reduce the potential for reductions in groundwater recharge and limit the number of watersheds overprinted by the PA	<ul style="list-style-type: none"> • Construction and early operations
Prepare an Emergency Preparedness and Response Plan and a Spill Prevention and Contingency Plan which will describe spill prevention, contingency planning and reporting practices for the timely and effective response to fuel and other chemical spills	<ul style="list-style-type: none"> • Developed prior to disturbance, applicable throughout the life of the Project as appropriate
Install contact water collection ditches around the Stockpiles, Impoundment Facility, and TMF to collect toe seepage and groundwater recharge from these Project components	<ul style="list-style-type: none"> • Construction and operations
Implement progressive rehabilitation (placement of a vegetated soil cover) to reduce infiltration into the Impoundment Facility and TMF, thereby reducing the amount of water and loading to groundwater and improvements to groundwater quality	<ul style="list-style-type: none"> • Operations
Develop and implement a Metal Leaching and Acid Rock Drainage Management Plan to reduce and limit the known and potential risks of metal leaching and acid rock drainage associated with the Project, thereby reducing potential effects to water quality	<ul style="list-style-type: none"> • Developed prior to disturbance, applicable throughout the life of the Project as appropriate
Routinely monitor construction areas to identify areas of potential erosion and apply appropriate erosion and sedimentation control measures	<ul style="list-style-type: none"> • Construction and operations

Commitment	Timing
Treat water effluents prior to discharge to the receiving environment, as required, to meet regulatory criteria including an Environmental Compliance Approval issued by the MECP as well as criteria developed through the receiving watercourse Assimilative Capacity Study (Appendix G of the Surface Water Resources Assessment [Appendix C.5 of the Impact Statement]), in addition to the Metal and Diamond Mining Effluent Regulations	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Implement water treatment through use of a water treatment plant to receive discharge from the TMF, collection ponds and will use proven processes to treat the water to meet regulatory effluent criteria prior to discharge to the environment	<ul style="list-style-type: none"> • End of construction and operations
Engage with municipal authorities and provincial Crown land use permit holders to address potential conflict, disturbance, or access restrictions to municipal and Crown land use areas	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
<p>Impose the following restrictions within the Modeled Mine Boundary (Figure 12.4 of Chapter 12 of the Impact Statement) at receptors R1 and R5:</p> <ul style="list-style-type: none"> • Agreements with property owners within the restricted area to remove buildings (through acquisition of the property or other arrangements) • Agreements with other individual landowners to prevent construction of any seasonal or permanent housing through acquisition or specific agreements to defer any construction until after mine operations are completed <p>Crown Leases to be obtained on Crown lands, to restrict access</p>	<ul style="list-style-type: none"> • Prior to beginning of overburden or rock hauling from the open pit to the clay impoundment
Install signage and/or gates on trails to restrict access and prevent overnight stays in the Modelled Mine Boundary (agreement with landowners if needed to place the signs)	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Work with the snowmobile clubs to prohibit overnight stays in warming huts except in cases of emergency along the snowmobile trail (signage for warming huts to be installed)	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
<p>Consideration of the following principles during the Project lighting design for construction, operations and closure/decommissioning:</p> <ul style="list-style-type: none"> • Project lighting (locations, intensity) will be limited to that which is necessary for safe and efficient Project activities • Use lighting fixtures that limit or concentrate the lighting to targeted areas and avoid light spilling out of the spaces to be illuminated • Limit the projection of light toward the sky by using fixtures that meet actual lighting needs • Avoid the emission of light at more than 90 degrees, using luminaires with known cut-off specifications <p>Mobile and permanent lighting will be located such that unavoidable light spill off the working area is not directed toward receptors outside of the PA, to the extent practicable</p>	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Design the exterior lighting systems for Project operations to include directional lighting to limit light trespass and to avoid glare. Downward directed, full cutoff luminaires will be incorporated into the Project lighting plan (where practical) and portable lighting will be positioned to limit visibility outside the PA	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate

Crawford Nickel Project Impact Statement
Appendix E Summary of Commitments
November 22, 2024

Commitment	Timing
Leave tree cover in place to reduce the line-of-sight from onsite infrastructure to Highway 655	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Where possible in accessible areas (e.g., along cleared rights-of-way), leave trees and other vegetation in place to buffer views of Project components	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Develop a Health and Medical Services Plan to manage occupational and non-occupational injuries and illness. This will include provision of medical care at the Project site through the onsite presence of medical personnel. Canada Nickel will also make available an on-line physician 24 hours/day. The Health and Medical Services Plan will also include procedures to manage communicable diseases and access to an Employee Family Assistance Program	<ul style="list-style-type: none"> • Construction, operations and active closure
The Project footprint will be limited to the extent possible (i.e., PA) including site clearing and disturbance associated with access routes and realigned transmission line corridor/Highway 655 Right of Way	<ul style="list-style-type: none"> • Construction and operations
Install signage around the PA to alert land users of the presence of the Project and its facilities	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Undertake rehabilitation activities in consideration of desired end land uses that are achievable in the preparation of the Mine Development Closure Plan under the provisions of the <i>Mining Act</i> for the Project site	<ul style="list-style-type: none"> • Operations and decommissioning and closure
Provide in-kind support to local snowmobile club(s) for the loss of a snowmobile trail and associated warming hut or re-establish a snowmobile trail bypass around the PA	<ul style="list-style-type: none"> • Construction
Prohibit Project personnel from hunting, fishing, and bringing firearms and fishing gear to the site while working to limit competition for wildlife and fish species	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Engage with local resource users (commercial hunters, trappers, bait harvesters) and MNR Regional Officials to address to the extent possible the potential conflict, disturbance, or access restrictions to commercial hunting, trapping, and bait fishing areas in the PA, and availability of wildlife and bait fish resources.	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Medical staff will be trained in the delivery of naloxone and naloxone kits will be available on-site	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Increase flexibility in work schedules to enable the continued participation of Indigenous employees in traditional and cultural activities	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Participate in the initiative “Equal by 30”, which aims to increase benefits to women and to accelerate gender equality and diversity to close the gender gap by 2030	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Contribute support to social, economic, health, and other activities/programs for local communities, including Indigenous communities through its Community Contributions Program. The Program will include a local procurement policy, as well as a sponsorship and donation strategy adapted to Canada Nickel’s guiding principles and the needs of the communities.	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Committed to hire from local communities and the region, pending the availability of qualified applicants	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate

Commitment	Timing
Engage with local municipalities on the availability of housing to inform the housing strategy for the area that encourages and provides opportunities for workers to move permanently into the area	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Communicate regularly with local training/education institutions regarding existing, upcoming, and potential course and training offerings, and how this aligns with Canada Nickel's anticipated needs. Continue to explore education, training opportunities and will develop hiring practices that encourages the employment and retention of qualified Indigenous peoples and local community members, including opportunities targeted towards youth	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Explore opportunities to support training, education, and scholarship programs that improve employment opportunities, including participation in and contribution to local training networks, which are targeted at diverse groups such as Indigenous Nations, local youth, and various relevant subgroups, such as the Indigenous Skills and Employment Training Program	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Adapt the work schedule and crew rotations when practical to decrease the number of non-local workers requiring accommodations at any one time	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Established communication with recreational, social, economic, municipal, and health groups and will continue to collaborate around impact identification and development of mitigation measures	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Undertake a detailed Project accommodation study based on workforce requirements and develop an Accommodations Management Plan	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Engage in on-going discussions with third parties, including Indigenous Nations, to explore opportunities for the provision of accommodations in the region to support offsetting the house needs during construction and operations	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Communicate Project needs to local accommodation providers, including hotel, motel, and bed-and-breakfast accommodation providers to help secure rooms for construction workers	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Develop several policies, procedures, and training programs which will mitigate adverse effects on services and infrastructure: <ul style="list-style-type: none"> • Health and Safety Policy • Local Procurement Policy • Code of Business Conduct and Ethics • Workplace Violence, Harassment and Discrimination Policy • Diversity and Inclusion • Fit for Duty, including Drug and Alcohol Policy Cultural Awareness Training	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Adhere to the internal Whistleblower Program for employee feedback and communication of concerns, as well as an external feedback mechanism to capture Project-related comments and concerns from community members	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate

Commitment	Timing
To manage Project-related demands on police services and to enhance the safety of women in the community and at the site, Canada Nickel will provide security at the site and implement several workplace policies which will limit adverse behaviours in the community	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Prepare a Traffic Management Plan during ongoing planning and engineering to address traffic staging in order to reduce delays	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Project vehicles will be driven by licensed and trained drivers who will use approved routes. All drivers will be required to have training in incident response and management	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Highway laws will be obeyed, including seasonal weight restrictions, speed limits, traffic signage and requirements for permit for oversized loads	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Design and build the Highway 655 realignment according to Ministry of Transportation standards	<ul style="list-style-type: none"> • Construction
Explore providing a shuttle bus service to employees from nearby communities to the mine site	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Speed limits will be posted and monitored onsite access roads. Follow up with contractors on any reports of transport trucks travelling at excessive speeds along the transport route	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Social Conditions	
Participate in the initiative “Equal by 30”, which aims to increase benefits to women and to accelerate gender equality and diversity to close the gender gap by 2030	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Contribute support to social, economic, health, and other activities/programs for local communities, including Indigenous communities through Canada Nickel’s Community Contributions Program. The Program will include a local procurement policy, as well as a sponsorship and donation strategy adapted to Canada Nickel’s guiding principles and the needs of the communities	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Hire from local communities and the region, pending the availability of qualified applicants	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Engage with local municipalities on the availability of housing to inform the housing strategy for the area that encourages and provides opportunities for workers to move permanently into the area	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Communicate regularly with local training/education institutions regarding existing, upcoming, and potential course and training offerings, and how this aligns with Canada Nickel’s anticipated needs. Continue to explore education, training opportunities and will develop hiring practices that encourages the employment and retention of qualified Indigenous peoples and local community members, including opportunities targeted towards youth	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Explore opportunities to support training, education, and scholarship programs that improve employment opportunities, including participation in and contribution to local training networks, which are targeted at diverse groups such as Indigenous Nations, local youth, and various relevant subgroups, such as the Indigenous Skills and Employment Training Program	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate

Commitment	Timing
Adapt the work schedule and crew rotations when practical to decrease the number of non-local workers requiring accommodations at any one time	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Develop a Health and Medical Services Plan to manage occupational and non-occupations injuries and illness. This will include provision of medical care at the Project site through the onsite presence of medical personnel. Canada Nickel will also make available an on-line physician 24 hours/day. The Health and Medical Services Plan will also include procedures to manage communicable diseases and access to an Employee Family Assistance Program	<ul style="list-style-type: none"> • Construction, operations and active closure
Adhere to the internal Whistleblower Program for employee feedback and communication of concerns, as well as an external feedback mechanism to capture Project-related comments and concerns from community members	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Provide security at the Project site	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Develop several policies, procedures, and training programs which will mitigate adverse effects on services and infrastructure: <ul style="list-style-type: none"> • Health and Safety Policy • Local Procurement Policy • Code of Business Conduct and Ethics • Workplace Violence, Harassment and Discrimination Policy • Diversity and Inclusion • Fit for Duty, including Drug and Alcohol Policy • Cultural Awareness Training 	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Undertake a detailed Project accommodation study based on workforce requirements and develop an Accommodations Management Plan	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Engage in on-going discussions with third parties, including Indigenous Nations, to explore opportunities for the provision of accommodations in the region to support offsetting the house needs during construction and operations	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Communicate Project needs to local accommodation providers, including hotel, motel, and bed-and-breakfast accommodation providers to help secure rooms for construction workers	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Prepare a Traffic Management Plan during ongoing planning and engineering to address traffic staging in order to reduce delays	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Project vehicles will be driven by licensed and trained drivers who will use approved routes. All drivers will be required to have training in incident response and management	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Highway laws will be obeyed, including seasonal weight restrictions, speed limits, traffic signage and requirements for permit for oversized loads	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Design and build the Highway 655 realignment according to Ministry of Transportation standards	<ul style="list-style-type: none"> • Construction
Explore providing a shuttle bus service to employees from nearby communities to the mine site	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate

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Commitment	Timing
Speed limits will be posted and monitored onsite access roads. Follow up with contractors on any reports of transport trucks travelling at excessive speeds along the transport route	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Limit the Project footprint, to the extent possible	<ul style="list-style-type: none"> • Construction and early operations
Progressively backfill portions of the mined-out pit with tailings during operations to reduce the footprint of the TMF at surface	<ul style="list-style-type: none"> • Operations
Use existing roads, trails and rights-of-way to access the PA, to the extent practical	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Develop internal access routes in compliance with provisions of the <i>Mining Act</i>	<ul style="list-style-type: none"> • Construction and operations
Implement air quality and noise mitigation measures as described in Chapter 12 and Chapter 13 of the Impact Statement	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Maintain access to the Lower Sturgeon Dam Road and Camp 40 Road during all Project phases for various parties (e.g., Ontario Power Generation, Indigenous Nations)	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Implement traffic control measures which may include gating approaches to Project access roads and/or gated fencing to restrict public access to the PA	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Obtain an entrance permit from Ministry of Transportation for operation of the mine	<ul style="list-style-type: none"> • Prior to disturbance, as required by the Ministry of Transportation
Install signage around the PA to alert land users of the presence of the Project and its facilities and activities	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Engage with municipal authorities and provincial Crown land use permit holders to address potential conflict, disturbance, or access restrictions to municipal and Crown land use areas	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Undertake rehabilitation activities in consideration of desired end land uses that are achievable in the preparation of the Mine Development Closure Plan under the provisions of the <i>Mining Act</i> for the Project site	<ul style="list-style-type: none"> • Operations and decommissioning and closure
Where possible in accessible areas (e.g., along cleared rights-of-way), leave trees and other vegetation in place to buffer views of Project components	<ul style="list-style-type: none"> • Construction; throughout the life of the Project as appropriate
Provide in-kind support to local snowmobile club(s) for the loss of a snowmobile trail and associated warming hut or re-establish a snowmobile trail bypass around the PA	<ul style="list-style-type: none"> • Construction
Maintain screening (e.g., vegetation screening), where feasible, on adjacent snowmobile trails to the PA to reduce the potential for sensory disturbance to snowmobile trail users, where practical	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Realign the North Driftwood River to maintain navigation from a series of chain lakes west of the TMF to downstream of the PA in the North Driftwood River	<ul style="list-style-type: none"> • Operations
Install signage around the perimeter of the PA to alert local land and resource users, including boaters, of the presence of the Project and its facilities	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate

Commitment	Timing
Limit Project lighting to that which is necessary for safe and efficient Project activities. Design the exterior lighting systems for Project operations to include directional lighting to limit light trespass and to avoid glare. Downward directed, full cutoff luminaires will be incorporated into the Project lighting plan (where practical) and portable lighting will be positioned to limit visibility outside the PA	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Prohibit Project personnel from hunting, fishing, and bringing firearms and fishing gear to the site while working to limit competition for wildlife and fish species	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Post warning signs on the site access roads to discourage unauthorized access due to safety concerns	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Engage with local recreational users (e.g., anglers) and MNR's Regional Officials to address to the extent possible the potential conflict, disturbance, or access restrictions to recreational use areas in the PA, and availability of recreational resources	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Communicate Project activities, locations and timing throughout construction, operations, and decommissioning and closure to affected land and recreational users, interest groups, and local authorities via email, newsletter, or posting on Canada Nickels website or other appropriate means	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Transport Canada, Navigation Protection Program approvals under the <i>Canadian Navigable Waters Act</i> will be required for the construction of permanent works affecting navigation in non-scheduled waterbodies or waterways (e.g., North Driftwood River). Where applicable, Canada Nickel will follow provisions of the Prohibited Activities Exemption process (section 24) for certain types of activities (i.e., depositing materials into a navigable water, lowering water levels so that navigation is impossible) related to the Project, if applicable	<ul style="list-style-type: none"> • Prior to disturbance
Submit the locations of the waterbodies or waterways affected by the Project to Transport Canada for review related to effects on navigation. Conditions specified in approvals and other directives for an exemption will apply to the Project	<ul style="list-style-type: none"> • Prior to disturbance
The Project footprint will be limited to the extent possible (i.e., PA) including site clearing and disturbance associated with access routes and realigned transmission line corridor/Highway 655 Right of Way	<ul style="list-style-type: none"> • Construction and operations
Communicate the schedule of Project activities throughout the construction, operations, and decommissioning and closure phases to potentially affected tenure holders, commercial hunters, trappers, and bait harvesters and MNR Regional Officials via email, newsletter, or posting on Canada Nickels website or other appropriate means	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Engage with local resource users (commercial hunters, trappers, bait harvesters) and MNR Regional Officials to address to the extent possible the potential conflict, disturbance, or access restrictions to commercial hunting, trapping, and bait fishing areas in the PA, and availability of wildlife and bait fish resources.	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Seek a Release of Tree Reservation under the <i>Public Lands Act</i> to remove trees on patent lands which have timber rights reserved to the Crown	<ul style="list-style-type: none"> • Prior to disturbance

Commitment	Timing
Complete timber clearing and removal in accordance with a Forest Resource Licence from the MNR in accordance with <i>the Crown Forest Sustainability Act, 1994</i>	<ul style="list-style-type: none"> • Construction and operations
Obtain necessary patent mining claims, mineral leases, and unpatented mining claims (provincial Crown lands) in areas that are overlapped by the Project	<ul style="list-style-type: none"> • Prior to disturbance, as needed by applicable regulations
Develop and implement a Code of Conduct and Ethics and respectful workplace policies will be developed and implemented, and cultural awareness training will be provided for all Project personnel that includes local and cross-cultural awareness	<ul style="list-style-type: none"> • Prior to disturbance; throughout the life of the Project as appropriate
To manage Project-related demands on police services and to enhance the safety of women in the community and at the site, Canada Nickel will provide security at the site and implement several workplace policies which will limit adverse behaviours in the community	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Continue to participate in events centred around raising awareness in underrepresented groups of opportunities in mining and encouraging engagement in local training programs already tailored to managing diverse, unique needs and access requirements	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Continue to engage local Indigenous Nations and has established agreements to support present and future engagement and participation in the Project. Additional Indigenous Nations will be included in negotiations for long-term agreements (e.g., Impact Benefit Agreement, Mutual Support Agreements as well as additional agreements, as appropriate)	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Develop a Diversity and Inclusion Policy, which encompasses respectful workplace behaviours for diverse groups such as Indigenous Nations, local youth, seniors, 2SLGBTQQA+, visible minorities, persons with disabilities and members of the Gender Based Analysis Plus community. Such a policy and subsequent training consist of awareness training for non-Indigenous employees to foster a respectful working relationship with Indigenous employees and contractors	<ul style="list-style-type: none"> • Prior to disturbance; throughout the life of the Project as appropriate
Participate in initiatives aimed at addressing wage inequality among Indigenous populations through working with organizations such as Keepers of the Circle	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Economic Conditions	
Committed to hire from local communities and the region, pending the availability of qualified applicants	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Communicate regularly with local training/education institutions regarding existing, upcoming, and potential course and training offerings, and how this aligns with Canada Nickel's anticipated needs. Canada Nickel continues to explore education, training opportunities and will develop hiring practices that encourages the employment and retention of qualified Indigenous peoples and local community members, including opportunities targeted towards youth.	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Explore opportunities to support training, education, and scholarship programs that improve employment opportunities, including participation in and contribution to local training networks, which are targeted at diverse groups such as Indigenous Nations, local youth, and various relevant subgroups, such as the Indigenous Skills and Employment Training Program	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate

Commitment	Timing
Increase flexibility in work schedules to enable the continued participation of Indigenous employees in traditional and cultural activities	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Develop a Diversity and Inclusion Policy, which encompasses respectful workplace behaviours for diverse groups such as Indigenous Nations, local youth, seniors, 2SLGBTQQIA+, visible minorities, persons with disabilities and members of the Gender Based Analysis Plus community. Such a policy and subsequent training consist of awareness training for non-Indigenous employees to foster a respectful working relationship with Indigenous employees and contractors	<ul style="list-style-type: none"> • Prior to disturbance; throughout the life of the Project as appropriate
Participate in initiatives aimed at addressing wage inequality among Indigenous populations through working with organizations such as Keepers of the Circle	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Prepare plans, programs and policies to encourage contracting and procurement opportunities for Indigenous businesses. Such plans will include the enhancement of supplier network development initiatives, including keeping a repository of local and Indigenous suppliers with potential to bid on the Project. Indigenous Nations located near the Project will be directly contacted regarding procurement opportunities from Canada Nickel and Canada Nickel will accommodate barriers there may be to bid on a contract (such as translation services), where feasible	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Participate in the initiative “Equal by 30”, which aims to increase benefits to women and to accelerate gender equality and diversity to close the gender gap by 2030	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Consider bids from qualified locally owned businesses first, including those submitted from diverse groups such as Indigenous-owned companies, women-owned companies, 2SLGBTQQIA+-owned companies, persons with disabilities-owned companies and visible minority-owned companies, as per Canada Nickel’s Local Procurement Policy	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Indigenous Interests	
Mitigation measures related to Indigenous Interests are described above for each VC and are captured in the following: <ul style="list-style-type: none"> • Chapter 25 (Assessment of Potential Effects on Apitipi Anicinapek Nation Interests) - Attachment 25-1 • Chapter 26 (Assessment of Potential Effects on Taykwa Tagamou Nation Interests) - Attachment 26-1 • Chapter 27 (Assessment of Potential Effects on Flying Post First Nation, Matachewan First Nation and Mattagami First Nation Interests) - Attachments 27-1, 27-2 and 27-3 • Chapter 28 (Assessment of Potential Effects on the Métis Nation of Ontario - Region 3 Interests) - Attachment 28-1 	
Effects of the Environment on the Project	
Design will consider the use of climate adjusted design criteria to develop an elevated level of resilience to extreme temperatures	<ul style="list-style-type: none"> • Prior to disturbance
Develop and implement a Health and Safety policy reduce the potential impacts of extreme temperatures (i.e., extreme heat and cold) on workers. Training for workers will be part of the policy to promote prevention, early detection, and First Aid treatment	<ul style="list-style-type: none"> • Prior to disturbance; throughout the life of the Project as appropriate

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Commitment	Timing
Develop and implement a Site-Wide Water Management Plan (Appendix J of the Impact Statement). This system will be designed to manage the 100-year return period, 24-hour duration storm event adjusted for climate change through the use of collection ponds and the Open Pit	<ul style="list-style-type: none"> Developed prior to disturbance requiring water management, applicable throughout the life of the Project as appropriate
Implement water treatment through the use of a water treatment plant to receive discharge from the TMF, collection ponds and will use proven processes to treat the water to meet regulatory effluent criteria prior to discharge to the environment	<ul style="list-style-type: none"> Operations
Design and sequence of the Open Pit allows for in-pit impoundment of tailings, reducing the size of a TMF and associated environmental impacts. This sequence allows in-pit deposition of tailings to commence after the Main Zone is depleted in Year 18, reducing the footprint required water management associated with a larger TMF footprint	<ul style="list-style-type: none"> Operations
Progressive rehabilitation of the Impoundment Facility will commence during operations at various intervals as Project development allows. This will limit runoff and erosion during extreme precipitation events. During the first five years of active closure, final overburden cover will be applied to the Impoundment Facility slopes and appropriate vegetation will be established. Performance will be monitored throughout the progressive rehabilitation trials and adjustments will be made to the design, as necessary	<ul style="list-style-type: none"> Operations
Move and store snow on site so that the melt waters do not cause flooding. Collect and treat potentially contaminated meltwaters as required before releasing to the environment	<ul style="list-style-type: none"> Throughout the life of the Project as appropriate
Consider providing shuttle bus service to and from the Project sites for workers to reduce the risks of harm and limit the number of vehicles traveling to site during a heavy snow event	<ul style="list-style-type: none"> Construction and operations
Consider the impacts of loading from freezing rain accumulation on the design of transmission and trolley system wires and supporting infrastructure	<ul style="list-style-type: none"> Construction
Consider implementing operation and management policies to clear ice from trolley wires in the event of freezing rain or ice storms	<ul style="list-style-type: none"> Operations
Have sufficient generator power for critical systems to limit negative affects to the Project and the environment during extended power outages	<ul style="list-style-type: none"> Operations
To offset the potential impacts of drought during active closure and post-closure phases of the mine, native vegetation will be considered for restorative cover which will be monitored and maintained as required to reduce morbidity	<ul style="list-style-type: none"> Decommissioning and closure
Develop and implement an Air Quality Management Plan	<ul style="list-style-type: none"> Developed prior to beginning of overburden or waste rock hauling to the clay impoundment, applicable throughout the life of the Project as appropriate
Consider implementing house keeping practices that focus on reducing loose objects and materials on site (e.g., place small and loose materials in covered storage bins) to address the impacts from high winds and wind gusts	<ul style="list-style-type: none"> Throughout the life of the Project as appropriate

Commitment	Timing
Reduce drop heights during material handling to the extent feasible to reduce dust generation	<ul style="list-style-type: none"> • Construction and operations
Revegetate areas that are no longer in use to reduce the potential sources of dust	<ul style="list-style-type: none"> • Operations
Design and install electrical ground structures for lightning protection as required, in accordance with applicable engineering standards.	<ul style="list-style-type: none"> • Construction and operations
Develop a site-wide health and safety policy for working during electrical storms	<ul style="list-style-type: none"> • Prior to disturbance; throughout the life of the Project as appropriate
Develop an Emergency Preparedness Response Plan which could include emergency response planning, training, responsibilities, cleanup equipment, and materials, and contact and reporting procedures	<ul style="list-style-type: none"> • Prior to disturbance; throughout the life of the Project as appropriate
Require mandatory safety orientations for new employees. Training will include fuel handling, equipment maintenance, and fire prevention and response measures	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Maintain on-site fire prevention and suppression systems, including water supplies, sprinklers, fire extinguishers, and other firefighting equipment. Flammable material (such as fuels and explosives) will be carefully managed at the Project	<ul style="list-style-type: none"> • Operations
Maintain sufficient levels of water for fire fighting on site. Investigate opportunities to establish on-demand forest fire suppression capabilities	<ul style="list-style-type: none"> • Operations
Remove combustible material along the portion of the rail spur right-of-way under the care and control of Canada Nickel. Maintain Canada Nickel's rail equipment, if applicable, to reduce the potential for sparks from rolling stock as a source of ignition for wildfires	<ul style="list-style-type: none"> • Operations
Accidents and Malfunctions	
Design, construct and operate the Project according to accepted standard practices for health, safety and environmental management, to reduce the risk of potential Project-related environmental, health, social and economic effects and effects to Indigenous Nations, including those that could result from accidents or malfunctions	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Maintain construction equipment in good working order and implement careful maintenance and monitoring of all equipment to reduce emissions and the risk of spills or leaks of petroleum-based products	<ul style="list-style-type: none"> • Construction, operations and active closure
Maintain a supply of emergency response equipment, including spill pans, absorbent material, and Safety Data Sheets	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Dispose of all waste material in an environmentally responsible manner, and in accordance with provincial, territorial, and municipal legislation	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Prohibit any harming, harassing, or feeding of wildlife	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Develop and apply procedures and training aimed at safe operation of the Project, that reduce or prevent the potential conditions that may lead to accidents or malfunctions	<ul style="list-style-type: none"> • Prior to disturbance; throughout the life of the Project as appropriate
Provide training in operational procedures and emergency response procedures, including safety measures, to reduce or prevent accidents or malfunctions	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate

Commitment	Timing
Develop and implement Management Plans for the Project to outline the proposed safety and mitigation measures and commitments to be carried out by Canada Nickel and their contractors	<ul style="list-style-type: none"> • Prior to disturbance; throughout the life of the Project as appropriate
Develop and implement an Emergency Preparedness and Response Plan (EPRP) for the Project. The EPRP will: <ul style="list-style-type: none"> • Identify the organization, responsibilities and reporting procedures of the emergency response team. • Define appropriate communications protocols, including procedures to contact relevant regulatory agencies related to an accident or malfunction event and follow up actions that will be taken. • Provide site information on the facilities and contingencies in place should an emergency or compliance issue occur. • Provide support and information on available resources, facilities and trained personnel in the event that an emergency occurs. 	<ul style="list-style-type: none"> • Prior to disturbance; throughout the life of the Project as appropriate
Extent to Which the Project Affect's Canada's Ability to Meet Environmental Obligations and Climate Change Commitments	
Implement mitigation measure from Chapter 16 (Assessment of Potential Effects on Vegetation, Riparian and Wetland Environments), Chapter 17 (Assessment of Potential Effects on Fish and Fish Habitat), Chapter 18 (Assessment of Potential Effects on Birds and Bird Habitats) and Chapter 19 (Assessment of Potential Effects on Wildlife and Wildlife Habitat) which support species management and recovery strategies	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Extent to Which the Project Contributes to Sustainability	
Develop and implement a Site-Wide Water Management Plan (Appendix J of the Impact Statement) for all phases of the Project, including a dewatering strategy to mitigate the risk of slope instability within the pit slopes	<ul style="list-style-type: none"> • Developed prior to disturbance requiring water management, applicable throughout the life of the Project as appropriate
Design the exterior lighting systems for Project operations to include directional lighting to limit light trespass and to avoid glare. Downward directed, full cutoff luminaires will be incorporated into the Project lighting plan (where practical) and portable lighting will be positioned to limit visibility outside the PA	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Limit the construction footprint (i.e., PA) to the extent possible to reduce the potential for reductions in groundwater recharge and limit the number of watersheds overprinted by the PA	<ul style="list-style-type: none"> • Construction and early operations
Treat water effluents prior to discharge to the receiving environment, as required, to meet regulatory criteria including an Environmental Compliance Approval issued by the MECP as well as criteria developed through the receiving watercourse Assimilative Capacity Study (Appendix G of the Surface Water Resources Assessment [Appendix C.5 of the Impact Statement]), in addition to the Metal and Diamond Mining Effluent Regulations	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Restrict clearing to the approved PA	<ul style="list-style-type: none"> • Construction and early operations
Use only native Ontario species and nurse crops when conducting progressive reclamation	<ul style="list-style-type: none"> • Operations
Incorporate plant SAR and SOCC in reclamation planting activities planning, if and where habitat is deemed suitable	<ul style="list-style-type: none"> • Operations and decommissioning and closure

Commitment	Timing
Incorporate plant species of importance to Indigenous Nations into progressive reclamation and planting associated with decommissioning and closure of the site	<ul style="list-style-type: none"> • Operations and decommissioning and closure
Adjust the limits of clearing and disturbance to avoid riparian communities, where practical	<ul style="list-style-type: none"> • Construction and operations
Incorporate wetlands into reclamation planning to re-establish wetlands, where practical	<ul style="list-style-type: none"> • Operations and decommissioning and closure
Progressively construct mine infrastructure to delay alteration of fish habitat, to the extent practical	<ul style="list-style-type: none"> • Construction and operations
Apply natural channel design principles to appropriately design and dimension the North Driftwood River Diversion Channel	<ul style="list-style-type: none"> • Prior to disturbance
Prepare and implement a Construction Environmental Protection Plan and Wildlife Management Plan, which will include tailored strategies for species and sensitive habitats that align with the principles of the "hierarchy of mitigation measures." Avoiding and restricting activities during critical timing windows will be prioritized, to the extent practical	<ul style="list-style-type: none"> • Prior to disturbance
Mark clearing boundaries prior to site preparation to maintain clearing activities within the designated footprint to mitigate potential for encroachment into sensitive features	<ul style="list-style-type: none"> • Prior to disturbance; construction and operations
Develop and implement a net-zero plan for the Project and is committed to continuous improvement of the net-zero plan, as new technology becomes available or best practices evolve	<ul style="list-style-type: none"> • Operations
Implement a novel active carbon sequestration process known as the In Process Tailings Carbonation process	<ul style="list-style-type: none"> • Operations
Committed to hire from local communities and the region, pending the availability of qualified applicants	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Contribute support to social, economic, health, and other activities/programs for local communities, including Indigenous communities through its Community Contributions Program. The Program will include a local procurement policy, as well as a sponsorship and donation strategy adapted to Canada Nickel's guiding principles and the needs of the communities.	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
Communicate regularly with local training/education institutions regarding existing, upcoming, and potential course and training offerings, and how this aligns with Canada Nickel's anticipated needs. Canada Nickel continues to explore education, training opportunities and will develop hiring practices that encourages the employment and retention of qualified Indigenous peoples and local community members, including opportunities targeted towards youth.	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate

Commitment	Timing
<p>Develop several policies, procedures, and training programs which will mitigate adverse effects on services and infrastructure. These are:</p> <ul style="list-style-type: none"> • Health and Safety Policy • Local Procurement Policy • Code of Business Conduct and Ethics • Workplace Violence, Harassment and Discrimination Policy • Diversity and Inclusion • Fit for Duty, including Drug and Alcohol Policy • Cultural Awareness Training 	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
<p>Use existing roads, trails and Right of Way to access the PA, to the extent practical. Canada Nickel will develop internal access routes in compliance with provisions of the <i>Mining Act</i></p>	<ul style="list-style-type: none"> • Construction
<p>Engage with local resource users (commercial hunters, trappers, bait harvesters) and MNR Regional Officials to address to the extent possible the potential conflict, disturbance, or access restrictions to commercial hunting, trapping, and bait fishing areas in the PA, and availability of wildlife and bait fish resources</p>	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
<p>Continue to engage local Indigenous Nations and has established agreements to support present and future engagement and participation in the Project. Additional Indigenous Nations will be included in negotiations for long-term agreements (e.g., Impact Benefit Agreement, Mutual Support Agreements as well as additional agreements, as appropriate)</p>	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
<p>Commit to working with potentially affected Indigenous Nations to explore opportunities to further mitigate adverse effects to their Indigenous interests and enhance Project benefits. While the scope of these conversations will evolve through ongoing discussions with potentially affected Indigenous Nations, it is anticipated that key areas of focus will include training, education and employment, capacity building and contracting opportunities, and cultural awareness training for on-site staff and contractors; key areas identified in this assessment as contributing to sustainability</p>	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
<p>Participate in the initiative “Equal by 30”, which aims to increase benefits to women and to accelerate gender equality and diversity to close the gender gap by 2030</p>	<ul style="list-style-type: none"> • Throughout the life of the Project as appropriate
<p>Conceptual Metal Leaching / Acid Rock Drainage Management Plan</p>	
<p>Conduct sampling to geochemically characterize disturbed and exposed materials at the Project site</p>	<ul style="list-style-type: none"> • Construction and operations
<p>Characterize materials that may be used for construction of haul roads, pads, and infrastructure for ML/ARD during the waste rock sampling program prior to construction</p>	<ul style="list-style-type: none"> • Construction and operations
<p>Collect confirmatory tailings samples during the first three years of the operations phase and the results will be reviewed by a qualified professional to evaluate potential for ML/ARD of tailings from dunite and peridotite ore lithologies</p>	<ul style="list-style-type: none"> • Operations
<p>Flood the open pit during decommissioning and closure</p>	<ul style="list-style-type: none"> • Decommissioning and closure

E.2 Summary of Follow-up Programs

The following (Table E.2) is a list of proposed follow-up programs identified within the Impact Statement to be prepared by Canada Nickel to verify the accuracy of effects and to evaluate the effectiveness of mitigation measures associated with the Project. For full details of the proposed follow-up programs, refer to Chapter 34 (Follow-up Programs and Adaptive Management) of the Impact Statement.

Table E.2 Summary of Follow-up Programs

VC Follow-up Program	Follow-up Program Component	Description
Geology and Geohazards - TMF Dam Stability FUP	TMF Dam Stability	<ul style="list-style-type: none"> Monitor the stability of the TMF dams in accordance with the Global Industry Standard on Tailings Management and Canadian Dam Association guidelines
Soil – Soil Depth and Quality FUP	Soil Depth and Soil Quality	<ul style="list-style-type: none"> As part of the Mine Development Closure Plan, monitor soil depth replacement adequacy to support vegetation and soil quality parameters
Atmospheric Environment – Air Quality FUP	Air Quality	<ul style="list-style-type: none"> Ambient monitoring for SPM, PM₁₀, PM_{2.5}, metals in SPM, dustfall, and NO₂ Meteorological parameters
Acoustic Environment – Acoustic FUP	Noise	<ul style="list-style-type: none"> Monitoring at representative location(s) around the Open Pit, processing plant, TMF, stockpiles, and the rail corridor
	Vibration	<ul style="list-style-type: none"> Monitoring at representative location(s) around the Open Pit, processing plant, TMF, stockpiles, and the rail corridor
Groundwater – Groundwater FUP	Groundwater Quantity and Quality	<ul style="list-style-type: none"> Monitor groundwater levels and groundwater quality at key Project locations
Surface Water – Surface Water FUP	Surface Water Quantity and Quality	<ul style="list-style-type: none"> Monitor surface water watercourse flows and/or waterbody levels and surface water quality at key Project locations
Vegetation, Riparian and Wetland Environments – Vegetation FUP	Vegetation	<ul style="list-style-type: none"> Black ash monitoring for indirect effects Plants of importance to Indigenous Nations for food, medicinal or other purposes Invasive species for presence / absence
	Riparian	<ul style="list-style-type: none"> Wetland function changes due to water table drawdown
	Wetlands	<ul style="list-style-type: none"> Monitor for changes in wetland function due to water table drawdown
Fish and Fish Habitat – Fish and Fish Habitat FUP	Fish Habitat	<ul style="list-style-type: none"> Apply a “before-after-impact-control” study approach for physical habitat metrics important to fish
	Fish Health, Growth or Survival	<ul style="list-style-type: none"> Apply a “before-after-impact-control” study approach for biological parameters

VC Follow-up Program	Follow-up Program Component	Description
Birds and Bird Habitat - Birds and Bird Habitat FUP	Breeding Bird Surveys	<ul style="list-style-type: none"> • Conducted at varying distances from the mine infrastructure using survey locations from baseline studies
Wildlife and Wildlife Habitat - Wildlife and Wildlife Habitat FUP	Abundance and Distribution of Moose	<ul style="list-style-type: none"> • Surveys to assess relative abundance and distribution of moose within the LSA
	Overall Benefit Permit Monitoring	<ul style="list-style-type: none"> • Presence / absence of SAR (Blanding's turtle, boreal caribou and bats) in the LSA • Details to be confirmed through the Overall Benefit Permit

E.3 Summary of Management Plans

The following (Table E.3) is a list of proposed management plans identified within the Impact Statement to be prepared by Canada Nickel to inform the construction, operation, and closure of the Project:

Table E.3 Summary of Environmental Management Plans

Environmental Management Plan	Purpose
Construction Environmental Protection Plan	<ul style="list-style-type: none"> • Overarching plan that outlines the steps that will be taken to limit environmental impacts during mine construction • Summarize dust, noise/vibration, water, waste, wildlife, vegetation and sediment mitigation measures with reference to the appropriate management plan
Soil Management and Rehabilitation Plan	<ul style="list-style-type: none"> • Provide mitigation measures related to the handling and storage of soils including how suitable soil excavated at the Project will be used for progressive reclamation or stockpiled for later use in rehabilitation during decommissioning
Waste Management Plan	<ul style="list-style-type: none"> • Establish procedures to manage waste generated by the Project in accordance with applicable provincial legislation and guidelines and corporate policies
Air Quality Management Plan	<ul style="list-style-type: none"> • Manage the effects of the Project on ambient air quality in accordance with provincial regulatory requirements • Summarize regulatory reporting requirements
Explosives Management Plan	<ul style="list-style-type: none"> • Provide for the safe use and storage of explosives and explosive components at the Project site • List mitigation measures related to explosives
Vegetation Management Plan	<ul style="list-style-type: none"> • Outline mitigation approaches for reducing effects on vegetation • Summarize anticipated vegetation studies to be carried out through the closure plan
Erosion and Sediment Control Plan	<ul style="list-style-type: none"> • Provide measures and best management practices to protect the environment through reduction of site erosion and protection of nearby watercourses and/or waterbodies from sedimentation
Wildlife Management Plan	<ul style="list-style-type: none"> • Outline mitigation approaches for reducing effects on wildlife, including migratory birds, species at risk, and their habitats • Describe Project-specific bird monitoring activities to outline how risk of harm will be managed in accordance with Environment and Climate Change Canada guidance • Identify sensitive timing windows for vegetation clearing and site preparation activities as specified under species-specific requirements or through permits or approvals • Provide a protocol for management of wildlife encounters, including caribou and discovery of bird nests, and for handling wildlife salvage and relocation efforts • Summarize anticipated wildlife studies to be carried out through the closure plan

Environmental Management Plan	Purpose
Noise and Vibration Management Plan	<ul style="list-style-type: none"> • Describe requirements for the routine management/ maintenance of sources of noise and vibration during construction and operations • Identify communication protocol requirements and a procedure for verifying and addressing complaints
Spill Prevention and Contingency Plan	<ul style="list-style-type: none"> • Describe the means (internal corporate procedures) by which the spill contingency plan is activated and steps to be taken to report, contain, clean up and dispose of contaminants following a spill, including appropriate contacts for responding to spills • List of the proposed response and clean up equipment generally available on-site
Heritage Chance Find Protocol	<ul style="list-style-type: none"> • Process to be followed with the unexpected discovery of archaeological resources during construction activities • Processes will be consulted upon with the Indigenous nations
Archaeological Resources Protection Plan	<ul style="list-style-type: none"> • Outline measures for the identification, investigation, mitigation and management of archaeological resources • Prepare and implement a worker education program for the recognition of archaeological artifacts (e.g., Indigenous material culture) • Prepare and implement a worker education program about appropriate protocols in case of accidental discoveries (i.e., Heritage Chance Find Protocol)
Acid Rock and Metal Leaching Management Plan	<ul style="list-style-type: none"> • Outline measures for the prevention, identification, mitigation, and management of metal leaching / acid rock drainage during and after excavating and extracting of the mined materials including overburden, waste rock, ore, and tailings
Emergency Preparedness and Response Plan	<ul style="list-style-type: none"> • Provide emergency preparation, response and spill prevention and contingency planning in accordance with federal and provincial legislation and guidelines, and corporate policies and procedures • Outline responses for accidents involving hazardous substances, medical emergencies, explosion, and fire • Prescribe measures for the provision of emergency response planning, training, responsibilities, cleanup equipment and materials, and contact and reporting procedures
Site-Wide Water Management Plan	<ul style="list-style-type: none"> • Provide the water management strategy for all phases of the Project • List the specific design criteria for water management infrastructure
Traffic Management Plan	<ul style="list-style-type: none"> • Outline measures and strategies to reduce traffic delays associated with construction and enhance safety
Accommodations Management Plan	<ul style="list-style-type: none"> • Detail workforce accommodation requirements, and actions to be taken by Canada Nickel to mitigate effects from the incremental housing needs related to the Project

Environmental Management Plan	Purpose
Health and Medical Services Plan	<ul style="list-style-type: none">• Describe a management approach for occupational and non-occupations injuries and illness• Outline procedures to manage communicable diseases and access to an Employee Family Assistance Program
Fish Salvage Plan	<ul style="list-style-type: none">• Provide guidance for conducting fish salvages by a qualified aquatic biologist in accordance with permit conditions

E.4 Summary of Other Commitments

Table E.4 below provides a list of additional commitments identified within the Impact Statement to be prepared by Canada Nickel specific to the Project.

Table E.4 Summary of Other Commitments

VC	Commitment(s)
Geology and Geological Hazards	<ul style="list-style-type: none"> • Develop an Operations, Maintenance and Surveillance manual for the TMF, and followed, in accordance with the recommendations of the Mining Association of Canada Guide to the Management of Tailings Facilities
Acoustic Environment	<ul style="list-style-type: none"> • Limit the charge size for Project blasting so as to not exceed 2,088 kilograms per delay. If the Project ever considered a larger charge size, it will be reviewed and assessed to ensure that vibration levels at the receptors do not exceed the threshold
Groundwater	<ul style="list-style-type: none"> • Conduct additional field studies with findings to be incorporated into an updated groundwater flow model to refine the prediction of effects of the Project on groundwater quantity and quality to support permit applications, including: <ul style="list-style-type: none"> - Additional hydraulic testing to refine the understanding of the hydrogeological properties of the Main Regional Fault. - Drilling of boreholes and installation of monitoring wells within the footprint of and/or immediately around the Impoundment Facility, TMF, and Stockpiles; along the proposed North Driftwood Diversion Channel; and within the regionally mapped boundaries of the esker. - Completion of geophysics to characterize hydrostratigraphy between discrete drilling locations in select areas. - A pumping test in the footprint of the Open Pit to refine estimates of hydraulic conductivity
Vegetation, Riparian and Wetland Environments	<ul style="list-style-type: none"> • Carry out vegetation test plot studies to evaluate the most effective revegetation approach for various application areas (i.e., dry slope aspects, coarse soils, wet flat areas, tailings)
Fish and Fish Habitat	<ul style="list-style-type: none"> • Continue to undertake field surveys to refine the understanding of baseline conditions. Once available, results from these surveys will be used to further guide Project design and fish habitat offsetting requirements. <ul style="list-style-type: none"> - In 2024, Canada Nickel undertook the following supplemental data collection activities: <ul style="list-style-type: none"> • spring fish habitat assessment in previously sampled locations as well as newly proposed locations for watercourses and ponds to bring the overall sampling coverage to approximately 10% of available habitat in the PA • spring fish community assessment assess fish community in previously sampled locations as well as newly proposed locations for watercourses and ponds to bring the overall sampling coverage to approximately 10% of available habitat in the PA • spring eDNA sampling for the presence of lake sturgeon in various locations within and downstream of the PA • Installed temperature loggers in various locations upstream, near and downstream of the PA

VC	Commitment(s)
	<ul style="list-style-type: none"> • summer lake habitat assessments in Martin Lake, Gerry Lake, Reaume Lake, Unnamed Lake and Return Lake to further establish baseline conditions both on site and in reference locations • summer lake fish community assessments in Martin Lake, Gerry Lake, Reaume Lake, Unnamed Lake and Return Lake to further establish baseline conditions both on site and in reference locations • fish tissue collection from various locations to ensure adequate sample sizes for future analysis - Canada Nickel is committed to the following supplemental data collection activities in 2025: <ul style="list-style-type: none"> • Complete hydraulic habitat modeling in North Driftwood River and West Buskegau River • Undertake a fall benthic invertebrate sampling program from various locations to support long term monitoring programs • Develop a fish relocation plan if relocation is to be undertaken • Committed to working with Indigenous Nations to develop offsetting and reclamation measures for fish and fish habitat as part of the closure planning process that promote biodiversity • Canada Nickel will continue to engage with interested Indigenous Nations regarding the fish habitat offset plan, including consideration of Nation-specific recommendations and input following submission of the Impact Statement
Social Conditions	<ul style="list-style-type: none"> • Develop and implement a community feedback tool to receive and address community suggestions, concerns, and complaints
Climate Change	<ul style="list-style-type: none"> • Implement a novel active carbon sequestration process known as the In Process Tailings Carbonation process
Health	<ul style="list-style-type: none"> • To address fears about environmental change, including perceptions from traditional harvesters, Canada Nickel is committed to continue engagement with Indigenous Nations to understand and mitigate the Project's impacts on Indigenous interests, explore opportunities to enhance Project benefits, and consider each Nation's recommendations and input on Project decisions, including the development of management plans (e.g., Construction Environmental Protection Plan, Traffic Management Plan; Health and Medical Services Plan) • Results of environmental monitoring, including contaminants of potential concern in fish and wildlife tissue, will be shared during engagement with Indigenous Nations
Indigenous Interests	<ul style="list-style-type: none"> • Engage with the Indigenous Nations to implement culturally relevant on-site services important for the retention of Indigenous employees • Provide an opportunity for interested Indigenous Nations to conduct ceremonies on site (e.g., water ceremony, tobacco ceremony, smudging ceremony) • Engaging with the Indigenous Nations to develop the cultural awareness training for the Project so that it includes topics of importance to the Nations • Notify and work with Indigenous Nations who have expressed an interest in harvesting plants within the PA before construction to provide safe access for these activities, prior to any clearing occurring • The Stage 2 Archaeological Assessment will be conducted with the participation of interested Indigenous Nations

VC	Commitment(s)
	<ul style="list-style-type: none"> • Engaging with the Indigenous Nations throughout the life of the Project to develop a shared understanding of how the Project may affect their interests, discuss the Project and its effects, understand concerns that may arise and respond to those concerns • Engaging with the Indigenous Nations to seek their opinions, recommendations and Nation-specific expertise in the development of mitigation measures, follow-up and adaptive management programs relating to biodiversity and social and economic conditions, as applicable (see Tables E.1, E.2 and E.3 above) • Working directly with the Indigenous Nations to identify opportunities for the Indigenous Nations to realize potential benefits from the Project that can be used to both offset potential adverse effects and create positive effects for the Indigenous Nation (see Table E.1) • Site access is a key element considered in the agreements under negotiation with interested Indigenous Nations and will include the conditions for Indigenous Nations to access select areas of the PA and Modelled Mine Boundary for the exercise of Indigenous and Treaty Rights, acknowledging that, for safety and operational reasons, it may be necessary for Canada Nickel to restrict access to certain lands and/or activities within these areas.