

**KINROSS**

**Great Bear**

# **Great Bear Gold Project Impact Statement**

## **Appendix Y:**

### **MNR Class EA Screening Criteria Information Locations**



**Appendix Y: Ministry of Natural Resources Class Environmental Assessment Screening Criteria and Locations for Information in the Impact Statement**

| <b>Class Environmental Assessment Screening Criteria <sup>(1)</sup></b>   | <b>Related Pathway Valued Component (pVC)</b>  | <b>Related Federal Valued Component (fVC)</b>                             | <b>Location(s) of Information on Net Effects <sup>(2)</sup></b> | <b>Clarifications</b>  |
|---|--|---|---|--|
| <b>Natural Environment</b>  |  |   |   |  |
| Air quality   | <ul style="list-style-type: none"> <li>• Air quality</li> </ul>  |   | S7.2.7  |  |
| Water quality or quantity (ground or surface)   | <ul style="list-style-type: none"> <li>• Groundwater</li> <li>• Surface water flows and levels</li> <li>• Water quality</li> </ul> |   | S7.5.7, S7.6.7, S7.7.7  |  |
| Species at risk (SAR) or their habitat  | <ul style="list-style-type: none"> <li>• SAR</li> </ul>  |   | S7.12.7   |  |
| Significant earth or life science features  |  |   |   | <ul style="list-style-type: none"> <li>• Not applicable; significant earth or life science features are not present</li> </ul> |
| Fish or other aquatic species, communities, or their habitat (including movement of resident and migratory species) |  | <ul style="list-style-type: none"> <li>• Fish and fish habitat</li> </ul> | S8.7  |  |
| Land subject to natural or human-made hazards   |  |   |   | <ul style="list-style-type: none"> <li>• Not applicable; natural or human-made hazards are not present</li> </ul>              |
| Recovery of a species under a special management program (e.g. elk restoration)                                     |  |   |   | <ul style="list-style-type: none"> <li>• Not applicable</li> </ul>   |
| Ecological integrity  |  |   |   | <ul style="list-style-type: none"> <li>• See other natural environment pVCs and fVCs</li> </ul>                                |
| Terrestrial wildlife (including numbers, diversity and movement of resident or migratory species)                   | <ul style="list-style-type: none"> <li>• Moose</li> <li>• Other wildlife</li> <li>• SAR</li> </ul>                                 | <ul style="list-style-type: none"> <li>• Migratory birds</li> </ul>       | S7.10.7, S7.11.7, S7.12.7, S9.7                                 |  |



| <b>Class Environmental Assessment Screening Criteria <sup>(1)</sup></b>   | <b>Related Pathway Valued Component (pVC)</b>   | <b>Related Federal Valued Component (fVC)</b> | <b>Location(s) of Information on Net Effects <sup>(2)</sup></b> | <b>Clarifications</b>   |
|---|---|---|---|---|
| Natural vegetation and terrestrial habitat linkages or corridors through fragmentation, alteration and/or critical loss | <ul style="list-style-type: none"> <li>Vegetation communities</li> <li>Wild Rice</li> </ul> |   | S7.8.7, S7.9.7  |   |
| Permafrost  |   |   |   | <ul style="list-style-type: none"> <li>Not applicable; permafrost is not present</li> </ul>   |
| Soils and sediment quality  |   |   |   | <ul style="list-style-type: none"> <li>See water quality (pVC) and fish and fish habitat (fVC)</li> </ul>                                   |
| Drainage or flooding  | <ul style="list-style-type: none"> <li>Surface water flows and levels</li> </ul>            |   | S7.6.7  |   |
| Sedimentation or erosion  | <ul style="list-style-type: none"> <li>Water quality</li> </ul>                             |   | S7.7.7  |   |
| Release of contaminants in soils, sediments   | <ul style="list-style-type: none"> <li>Water quality</li> </ul>                             |   | S7.7.7  |   |
| Natural heritage features and areas (e.g. areas of natural and scientific interest, provincially significant wetlands)  | <ul style="list-style-type: none"> <li>Vegetation communities</li> </ul>                    |   | S7.8.7  |   |
| <b>Land Use, Resource Management</b>  |   |   |   |   |
| Access to trails or inaccessible areas (land or water)  | <ul style="list-style-type: none"> <li>Land and resource use</li> </ul>                     |   | S7.13.7   |   |
| Or obstruct navigation  | <ul style="list-style-type: none"> <li>Land and resource use</li> </ul>                     |   | S7.13.7   |   |
| Other resource management projects  | <ul style="list-style-type: none"> <li>Land and resource use</li> </ul>                     |   | S7.13.7   |   |
| Traffic patterns or traffic infrastructure  | <ul style="list-style-type: none"> <li>Land and resource use</li> </ul>                     |   | S7.13.7   |   |
| Recreational importance - public or private   | <ul style="list-style-type: none"> <li>Land and resource use</li> </ul>                     |   | S7.13.7   |   |
| Or create excessive waste materials   |   |   |   | <ul style="list-style-type: none"> <li>Not applicable; domestic waste will be handled in accordance with regulatory requirements</li> </ul> |



| <b>Class Environmental Assessment Screening Criteria <sup>(1)</sup></b>  | <b>Related Pathway Valued Component (pVC)</b>  | <b>Related Federal Valued Component (fVC)</b>   | <b>Location(s) of Information on Net Effects <sup>(2)</sup></b>      | <b>Clarifications</b>   |
|--|--|---|--|---|
| Or commit a significant amount of a non-renewable resource (e.g. aggregates, agricultural land)                |  |   |  | <ul style="list-style-type: none"> <li>Not applicable; existing aggregate operations are avoided, agricultural land is not present</li> </ul> |
| Noise levels   | <ul style="list-style-type: none"> <li>Sound</li> </ul>                                  |   | S7.3.7   |   |
| Views or aesthetics  | <ul style="list-style-type: none"> <li>Land and resource use</li> </ul>                  |   | S7.13.7  |   |
| Or be a precondition or justification for implementing another project   |  |   |  | <ul style="list-style-type: none"> <li>Not applicable</li> </ul>  |
| Adjacent or nearby uses, persons or property   | <ul style="list-style-type: none"> <li>Land and resource use</li> </ul>                  |   | S7.13.7  |   |
| <b>Social, Cultural and Economic</b>   |  |   |  |   |
| Cultural heritage resources - including archaeological sites, built heritage, and cultural heritage landscapes | <ul style="list-style-type: none"> <li>Cultural heritage</li> <li>Archaeology</li> </ul> | <ul style="list-style-type: none"> <li>Indigenous Peoples (Physical, Cultural Heritage, Structures, Sites or Things)</li> </ul> | S7.14.7, S7.15.7, S10.7, S11.7, S12.7, S13.7, S14.7                  |   |
| Or displace people, businesses, institutions, or public facilities   |  |   |  | <ul style="list-style-type: none"> <li>Not applicable</li> </ul>  |
| Community character, enjoyment of property, or local amenities   | <ul style="list-style-type: none"> <li>Land and resource use</li> </ul>                  | <ul style="list-style-type: none"> <li>Indigenous Peoples (Community Wellbeing)</li> </ul>                                      | S7.13.7, S10.8, S11.8, S12.8, S13.8, S14.8                           | <ul style="list-style-type: none"> <li>No changes to community character or local amenities anticipated</li> </ul>                            |
| Or increase demands on government services or infrastructure   |  | <ul style="list-style-type: none"> <li>Indigenous Peoples (Community Services and Infrastructure)</li> </ul>                    | S10.5, S11.5, S12.5, S13.5, S14.5                                    |   |
| Public health and/or safety  |  | <ul style="list-style-type: none"> <li>Indigenous Peoples (Community Wellbeing; Health)</li> </ul>                              | S10.8, S11.8, S12.8, S13.8, S14.8; S10.9, S11.9, S12.9, S13.9, S14.9 |   |
| Local, regional, or provincial economies or businesses   | <ul style="list-style-type: none"> <li>Local and regional economy</li> </ul>             |   | S7.16.7  |   |
| Tourism values (e.g. resource-based tourist lodge)   | <ul style="list-style-type: none"> <li>Land and resource use</li> </ul>                  |   | S7.13.7  |   |

| Class Environmental Assessment Screening Criteria <sup>(1)</sup> | Related Pathway Valued Component (pVC) | Related Federal Valued Component (fVC)   | Location(s) of Information on Net Effects <sup>(2)</sup> | Clarifications                            |
|--|--|--|--|---|
| <b>Indigenous</b>  |  |  |  |   |
| First Nation Reserves or communities                             |  | • Indigenous Peoples   | S10, S11, S12, S13, S14                                  |   |
| Spiritual, ceremonial, or cultural sites                         |  | • Indigenous Peoples (Physical, Cultural Heritage, Structures, Sites or Things)    | S10.7, S11.7, S12.7, S13.7, S14.7                        |   |
| Traditional land or resources used for harvesting activities     |  | • Indigenous Peoples (Current Use of Lands and Resources for Traditional Purposes) | S10.6, S11.6, S12.6, S13.6, S14.6                        |   |
| Indigenous values  |  | • Indigenous Peoples   | S10, S11, S12, S13, S14                                  |   |
| Lands subject to land claims                                     |  |  |  | • Information is provided in Table 2.2-1. |

**Notes:**

1. A Class Environmental Assessment for MNR Resource Stewardship and Facility Development Projects (Ministry of Natural Resources, Approved December 11, 2002; Amended February 2024)
2. Key location(s) in the Great Bear Gold Project Impact Statement are listed, where information regarding net effects (after mitigation) is presented.