

QUARRY SITE PLAN

The **Quarry Site Plan** is a way of showing all features relevant to your operation. It is conceptual and can be changed over time, as needed, by sending a revised plan to QuarryInspections@gov.nl.ca. Please note that the Site Plan is used by the Department's quarry compliance officers, so it's important to keep this document up to date.

The overarching purpose of the Site Plan is to show that the planning, development and operation of the quarry area has considered the permit terms and conditions.

The Site Plan must show the location of various quarry features including equipment, material stockpiles, roads, structures, etc., with reference to satellite or aerial imagery such as Google Earth.

When preparing the site plan, please ensure the following:

- The quarry boundary should be the largest part of the page to ensure the details can be shown and labelled clearly.
- All features, except the access, must be entirely within the permit area. Any gate or other means of restricting access must be at the boundary of the quarry permit unless otherwise directed.
- All features must be neatly labelled on the diagram even if the labelling extends outside of the permit area.
- The Site Plan and/or labelling must be in a digital format using:
 - Google Earth (.kmz or .kml files);
 - ArcGIS shape files (.shp or .lyr files); or
 - other electronic format approved in advance by the department.
- A guide showing some tips on using Google Earth can be found at: <https://www.gov.nl.ca/iet/mines/quarries/#qmass1>

Features to show on Site Plan:

Please identify the location of the following features within the quarry by a polygon (e.g., circle, square):

- organic grubbing (please refer to the definitions for overburden, topsoil, etc., in the current permit conditions)
- topsoil (**must** be stockpiled separately from the organic material/grubbing)
- stripped overburden
- product stockpiles (label with the type of material)
- crusher
- screener(s)
- concrete and/or asphalt batch plants
- weigh scales
- settling pond(s)
- any other buildings or structures

Please identify the following using a line to show the location(s):

- access to the site from road
- gate or other means of restricting access
- internal haul roads
- benches / excavation faces
- berms
- ditching
- erosion prevention and sedimentation control, e.g., hay bales
- any other means to control the discharge of water and sediment during high precipitation events

Please identify the following using an arrow to show the location(s):

- the direction of excavation
- the direction of natural drainage

The Site Plan must also include the following:

- Scale
- North arrow

Example of Site Plan:

