

## **Part 7 Local Provisions Clarence Valley Local Environmental Plan 2011**

### **7.2 - Earthworks**

- (3) Before granting development consent for earthworks, the consent authority must consider the following matters:
- (a) the likely disruption of, or any detrimental effect on, existing drainage patterns and soil stability in the locality,
  - (b) the effect of the proposed development on the likely future use or redevelopment of the land,
  - (c) the quality of the fill or the soil to be excavated, or both,
  - (d) the effect of the proposed development on the existing and likely amenity of adjoining properties,
  - (e) the source of any fill material and the destination of any excavated material,
  - (f) the likelihood of disturbing relics,
  - (g) the proximity to and potential for adverse impacts on any watercourse, drinking water catchment or environmentally sensitive area.

The quarry will operate under the established measures in accordance and in accordance with the Environment Protection Licence with additional measures to be implemented with the staging of the quarry operations. The site has shallow soils over hard rock and the excavation of soil limited to the quarry footprint. There have been no Aboriginal objects or places identified on the site. The likely impacts on watercourses, drinking water catchments and environmental sensitive areas are minimal and can be adequately managed and or mitigated.

### **7.7 - Drinking water catchment**

- (1) The objective of this clause is to protect drinking water catchments from the impacts of development by minimising adverse impacts on the quality and quantity of surface water and groundwater entering drinking water storages.
- (2) This clause applies to land identified as "Drinking Water Catchment" on the Drinking Water Catchment Map.
- (3) Consent must not be granted to the carrying out of development on land to which this clause applies unless the consent authority:
  - (a) has taken into consideration whether there will be any adverse impact on drinking water quality and flows having regard to the following:
    - (i) whether there is sufficient distance between the proposed development and waterways that feed into the water supply catchment,
    - (ii) the on-site use, storage and disposal of any chemicals on the development site,
    - (iii) the treatment, storage and disposal of wastewater and solid waste generated or used on the development site,
    - (iv) any other potential adverse impacts on the water quality and quantity within the catchments, and
  - (b) is satisfied that:
    - (i) the development is designed, sited and will be managed to avoid any adverse impact on water quality and flows, or
    - (ii) if that impact cannot be avoided, after having taken into consideration feasible alternatives, the development is designed, sited and will be managed to minimise that impact, or
    - (iii) if that impact cannot be minimised, the development will be managed to mitigate that impact.

The quarry site is mapped within the Drinking Water Catchment Map of the LEP. Runoff from the catchment area of the quarry footprint is directed to the sediment basin that is located on the floor of the quarry. There are no watercourses that run through the quarry site and the proposed management of the sediment basin will prevent sediments or stormwater runoff from leaving the quarry site. The EPA has required that an updated Stormwater Management Plan be provided in accordance with the 'Blue Book'. The proposed measures once implemented will minimise any adverse impacts on the quality and quantity of surface water and groundwater entering drinking water storages