



Geology Map showing major lithologies at the project site.

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**LEYTE CEMENT PROJECT
FARM-OUT BROCHURE**



Aerial view of the Cement Project

LEYTE CEMENT PROJECT

MPSA No. 066-97-VIII, Merida and Isabel, Leyte Island



Project Location Map

Project Strengths

- Approved MPSA
- Strategic plant location in central Philippines in close proximity to Visayas and Mindanao markets.
- Southern claim blocks face the deep waters of Camotes Sea, which is ideal for port facilities.
- Possible plant sites inside or adjacent to Leyte Industrial Development Estate already identified.
- Direct interconnection to existing NPC gridlines with steady electricity supply from Tongonan Geothermal Power Plants.
- Approved by the BOI as Pioneer Domestic Cement Producer with tax and importation incentives.
- Existing port and bulk materials handling facilities and warehouse storage.
- Excellent road networks and communication facilities.

Location and Accessibility

- Situated in Merida Peninsula facing the Camotes Sea, NW Leyte Island.
- Adjacent to Leyte Industrial Development Estate in Isabel, Leyte.
- A 49-km well-maintained concrete coastal road connects the project site to Ormoc City.
- A 110-km. highway connects Ormoc City to Tacloban City where provincial buses regularly ply the route.



View of the nearby Leyte Industrial Estate showing the existing port facilities and the gypsum stockpile of Philphos.



View of the main quarry area in the background. Photo also shows part of the main coastal road linking the project to Ormoc City.



View of the main quarry area looking east from Barangay Hunan.



Northern end of the main quarry area viewed from Barangay Tubod.

Project Description

- Total claim area is 3,078 hectares covering 41 meridional blocks.
- Topography is characterized by moderate to rolling topography with gentle slopes near the coastline. Structurally deformed features along central sections with maximum elevation reaching 300 meter above sea level.
- Climate is classified as Type 4 with no pronounced dry season, less frequent typhoons and an approximately even distribution of rainfall throughout the year.
- Vegetation is sparsely thin and most of the elevated areas are covered by shrubs and secondary forest growth. Coconut, corn and rootcrops are planted along the more gentle slopes and flat areas.

Geology and Lithology

- Three significant formational units which are all important raw material sources for cement production were identified to occur in the project area.
- From the youngest to the oldest the formations encountered are as follows:

Hubay Formation:	reefal limestone rich in forams and microfossils with marl interbeds.
Bata Formation:	calcareous marl and siliclastics
Calubian limestone:	dense reefal limestone with calcarenite interbeds

Resources In Place

- Cement raw materials blocked: **3.100 billion tons**
- Material testing disclosed:

Limestone	80 - 95% CaCO ₃ and 50 - 55% CaO
Marl / Clay	67 - 75% CaCO ₃ and 35 - 45% CaO
- Other raw materials proximate to the site:

Gypsum	96% purity
Calcine	>71%Fe ₂ O ₃