

FMB Technical Bulletin No.1

SURVEY, MAPPING AND PLANNING

1 The Technical Bulletin:

Survey, mapping and planning (SMP) is the most basic yet the most important activity in any forest development projects. It involves the actual ground survey of the planting area using Global Positioning System (GPS) receiver, determination of appropriate component under the NGP including the most suitable species to be planted using the physical characteristic of the site and available site indicators.

The SMP shall be conducted by a composite technical team from the PENRO and CENRO with technical assistance from the Region. The cost of the SMP is PhP 900 per hectare.

2 Methodology:

All CENROs should create a Composite Survey Team (CST) in the conduct of SMP to be composed of technical personnel of the CENRO from the FMS, PASU staff and appropriate support of the LMS survey party stationed at the CENRO. The PENRO is expected to provide guidance and technical support; however, for province with one PENRO and one CENRO, it is recommended that this shall be jointly done. Field Offices may use ArcGIS, ArcView or Manifold software whichever is available. The use of AutoCAD is not allowed because of the issue on attribute table generation. Standard attributes that should be provided in an individual map with standard scale of 1:10,000 projection using GIS in shapefile format as shown in the table.

3 Expected Output:

All maps of individual NGP planting site in a scale of 1:10,000 projected using GIS of ArcGIS, ArcView or Manifold software consolidated at the CENRO and PENRO, to be submitted to the Region for consolidation. All maps in shapefile format with corresponding map projection and datum should be submitted to the DENR Office of the Undersecretary for Field Operations copy furnished the Forest Management Bureau and NGP National Program Coordinating Office.



