

Summary of:

Prince Albert Model Forest: Forest History; EnviResource Consulting Ltd.; Golder Associates Ltd.; Silviba Services Ltd.; 1994; Prince Albert Model Forest Assoc. Inc., Prince Albert, Saskatchewan. 21 p.

## INTRODUCTION

Over the years, there have been several forest inventories of the Prince Albert Model Forest area. The first inventory of the whole area was done in the early 1950's from 1940's vintage airphotos. This inventory was mapped at 1:63,360 scale (1 inch = 1 mile) and is not as detailed as more recent inventories. In 1964, a forest inventory was mapped at 1:15,840 (4 inches = 1 mile) resulting in much more detail in the forest classification. In the 1974 and 1984 inventories, the forest was mapped using the current standard of 1:12,500 scale. Also in 1974, the inventory switched from the township as the basic mapsheet area to the 10 km x 10 km UTM grid. In this project, we used only the 1964, 1974 and 1984 inventories as these were the most comparable. We also used a modified 1984 inventory that has recorded disturbance information from 1984 to 1989.

Each of the provincial forest inventories was conducted independently of previous inventories. As stands were logged or burned, the stand information from the preceding inventory was replaced with the new stand description. Consequently, the previous stand information was lost in the new inventory. This project was designed to document all the previous stand and disturbance information for the Prince Albert Model Forest into a digital GIS database derived from the digital 1984 forest inventory.

This study was commissioned by the Prince Albert Model Forest during the fall of 1993. Silviba's task was the initial data collection from Weyerhaeuser and Saskatchewan Environment and Resource Management (S.E.R.M.). Golder Associates' primary task was integration of the information from Silviba into the pcArcInfo GIS database. EnviResource was involved in database design, project management, correcting and finalizing the databases received from Golder and Silviba, and writing the final report. We would like to thank Glenna Boughton, Donna Delparte, Mona Kawano, Ed Kwiatkowski, Sandra Marken, Stuart North and Rowena Punzalan for their work on this project. Thanks also to Thomas Bouman, Janet Lane, Gido Langen, and Roman Orynik for their guidance and input into this project.