

(x) **Neurapur Unit.**-The unit consists of a fairly flat plain with a faintly developed ridge pattern, this being expressed in the parallel alignment of swampy areas, with intervening very slight wide ridges running SSE-NNW, about one mile apart. The ridges are discontinuous and some are more pronounced than others. Land between Neurapur and the nearby Victorian-South Australian border is partly subject to slight drainage westward by the Morambro creek system.

The north and south boundaries of the unit are made quite distinct by almost due east-west line of the Little Desert unit and the similar east-west line, of the Tallageira unit respectively. To the east the unit grades into the Goroke unit, and in the west extends for a few miles into South Australia.

The unit shows some internal variation. Firstly, the ridges are more pronounced in the east, there grading into the western ridges of the Goroke unit, and becoming more subdued to the west until at the South Australian border near Frances they are scarcely perceptible. This fact is responsible for the chief difference between the Neurapur unit and the Goroke unit, namely the prominence of the ridge system, which varies continuously from well-developed in the east of the Goroke unit to imperceptible in the west of the Neurapur unit. Consequent differences are in the occurrence and proportions of soils and vegetation associated with the ridges, and in the activity of the drainage, which is progressively sluggish to the west. The Benayeo unit differs from the western part of the Neurapur unit only in the rainfall and vegetation, although in both units the bull oak (*C. luehmanni*) is dominant. Secondly, the fringe of the unit in the north, adjacent to the Little Desert unit as around Tallageira homestead, contains much more solonetzic soil and more swamps than does the unit proper; the scale of mapping is not considered of sufficient detail to warrant separation of this area as a separate unit.

The parent material of the soils of this unit can be identified at present only as either Tertiary or Quaternary sediments.

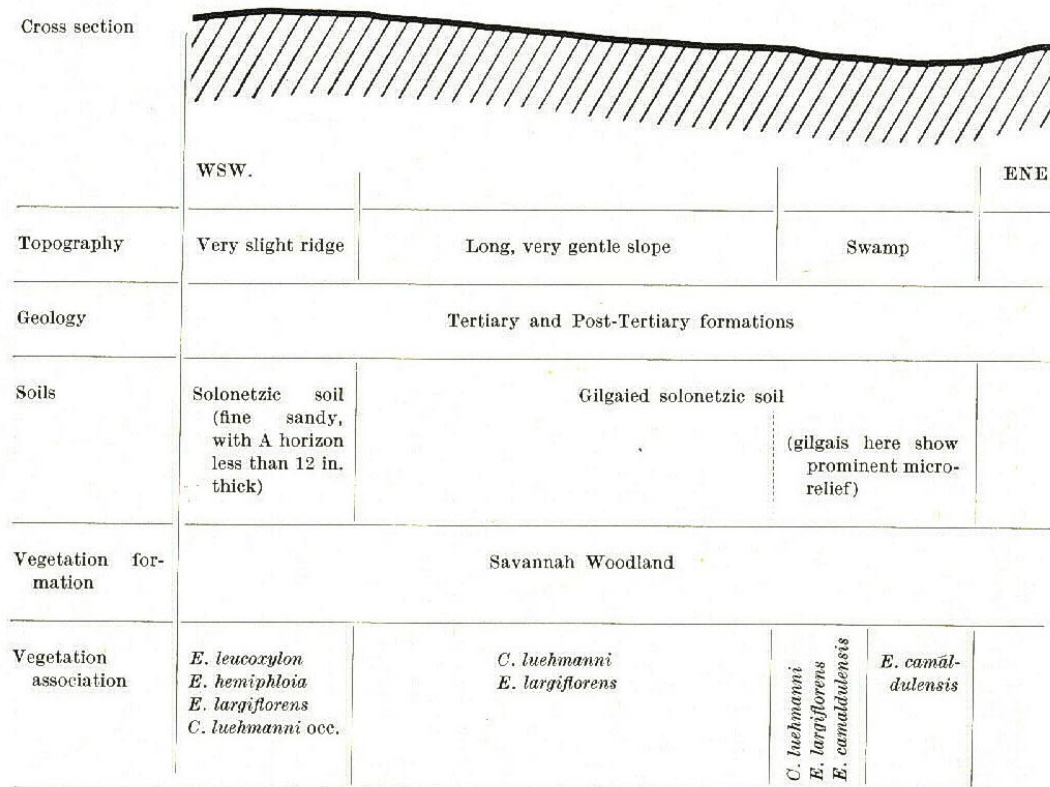


Fig 26 – Neurapur Unit