

SITE: MM388

Land unit: Wongan Plains

Geo. Ref.: 692700E 5836200N

Aust. Soil Class.: Bleached-Mottled, ?, Grey CHROMOSOL (confidence level 3)

General Land Unit Description:

The unit consists of Grey Chromosols or Sodosols on the near level basalt plain in the Lake Wongan area to the north of Streatham. Minor areas of acidic soils also occur on these plains.

Site Description:

Geology: Quaternary basalt

Landform pattern: Level to gently undulating plain

Position in landscape: Flat

Internal drainage: Imperfectly drained

Soil Profile Morphology

Topsoil

A1 0-20 cm Dark brown (10YR3/3) *clay loam*, ferromanganiferous nodules are common, pH 4.8. Clear transition to:

A2 20-45 cm Light grey (10YR7/2), *clay loam*, sporadically bleached when dry, ferromanganiferous nodules are common. Sharp transition to:

Subsoil

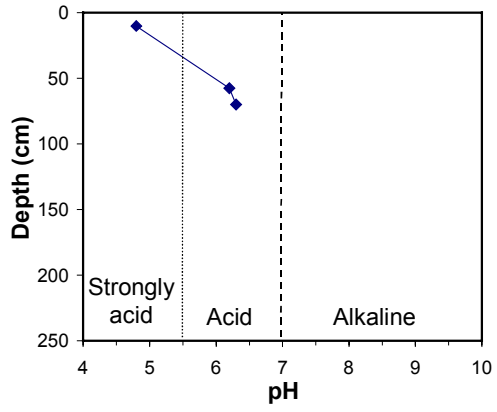
B21 45-70 cm Pale brown (10YR6/3) *medium clay*, red mottles (2.5YR4/6), moderate blocky structure (10-20 mm), pH 6.2. Gradual transition to:

B22 70+ cm Yellowish brown (10YR5/4) *medium clay*, yellowish brown mottles (10YR5/8), moderate blocky structure (10-20 mm), pH 6.3.

Key profile features:

- Strongly acidic topsoil
- Mottled subsoil
- Ferromanganiferous are common

pH (water)



Salinity

