

**Project & Site Code:** Sandstone/Yalgoo/Paynes Find rangeland survey: SYP I169  
**Date:** 23-11-1992

**Land System:** Joseph Land System

**Land Unit:** Sand sheet or plain

**Station:** White Wells

**Location:** MGA Zone: 50 492970 mE 6729472 mN

**1:250,000 Map sheet:** Perenjori

**Location notes:** Approximately 4 Km west-northwest of White Wells homestead

**Surface and Hydrological Properties**

*Physical soil surface properties:* soft

*Surface Crusting:* 60% Lichen (abundant)

**Vegetation**

*Veg unit:* SCMSX - Sandplain close mixed shrubland

*Notes:* Yellow sandplain shrubland dominated by Acacia and Melaleuca shrubs

**Species List**

Tall Shrubs: Melaleuca uncinata

Medium Shrubs: (Strata rank 1) Acacia sp.

Low Shrubs: (Strata rank 2) Acacia sp.

Perennial Grasses: (Strata rank 3) Amphipogon strictus

Other species: Acacia sp., Amphipogon strictus, Dianella revoluta, Eriostemon deserti, Eriostemon thryptomenoides, Hakea minyma, Hakea scoparia, Hibbertia enervia, Melaleuca uncinata, Prostanthera sp., Wehlia thryptomenoides

**Current Soil Classification**

*WA Soil Group:* Yellow deep sand

*Australian Soil Classification:* Arenic Rudosol (deep sand grading to sandy loam)

**Soil Profile Description**

Horizon	Depth (cm)	Description
A11	0-3	brown (10YR 4/3) loamy medium sand; very weak consistence, non-sticky, non-plastic; apedal, single grain structure; sandy fabric; very few sub-angular quartz coarse fragments ; non-dispersing, non-calcareous; pH 6; abrupt boundary to:
A12	3-85	yellowish brown (10YR 5/6) loamy medium sand; very weak consistence, non-sticky, non-plastic; apedal, single grain structure; sandy fabric; pH 5.5; sharp boundary to:
B	85-100+	strong brown (7.5YR 5/6) medium sandy loam; very weak consistence, non-sticky non-plastic; apedal, single grain structure; sandy fabric; 20% gravel; pH 5.5.

