



Land Capability Services

6th May, 2025

AS 2870 Site Classification – Lot 10 Section 21 DP758149, 15 Playfair Street, Bowning, NSW

A site inspection was carried out at the proposed shed site across two inspection holes to maximum auger depth of 2.3m. The site is a very gently inclined alluvial terrace of 1-2 degrees. Significant soil shrinkage cracking was observed at the soil surface. Black cracking clays were observed across the site.

Topsoil	0-0.18m:	silty clay loam , moderate structure, dry firm consistence, moderately plastic, 200kPa pocket penetrometer in dry soil
	0.18-0.3m:	silty clay , moderate structure, slightly moist firm consistence, very plastic, 200kPa pocket penetrometer in slightly moist soil
Subsoil	0.3-0.9m:	medium-heavy clay , moderate structure, slightly moist firm consistence, very plastic, 300kPa pocket penetrometer in slightly moist soil
	0.9-1.6m:	heavy clay , moderate structure, slightly moist firm consistence, very plastic, 500kPa pocket penetrometer in slightly moist soil
	1.6-2.3m+:	sandy clay , moderate structure, moist weak consistence, very plastic, 150kPa pocket penetrometer in moist soil

The site classification at the proposed shed site is;

P (See note below re. flood risk)

The soil classification at the proposed shed site is;

H1

Richard Miller BSc (Ag)

IMPORTANT NOTES:

Flood mapping shows inundation of the site to 0.3m at 1% AEP. Consideration should be given to benching the site up with controlled fill material.

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