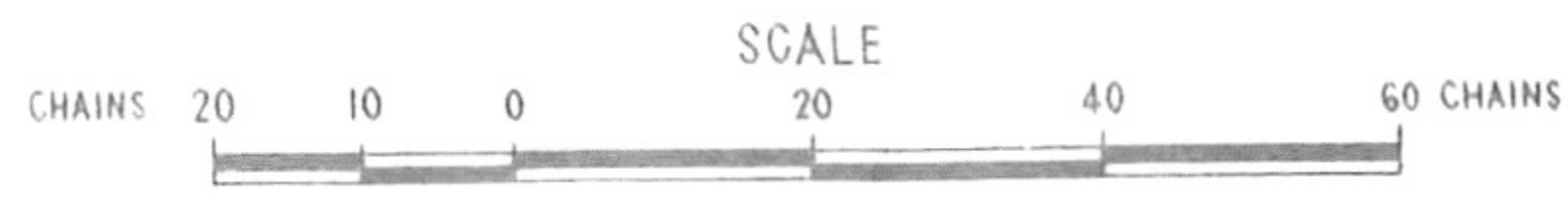


SOIL MAP CSIRO PASTURE RESEARCH STATION LANSDOWN

PT PARISHES WYOMING AND MAGENTA, CO ELPHINSTONE
TOWNSVILLE, QUEENSLAND



KEY TO SOILS

| MAPPING UNIT | MAJOR CHARACTERISTICS | GREAT SOIL GROUP | NORTHCOTE KEY |
|---|--|---|---------------|
| SOILS WITH UNIFORM TEXTURE PROFILES | | | |
| Mls | Magenta Loamy Sand Very dark grey-brown loamy sands showing little pedological development | Alluvial Soil | Uc1.21 |
| M2 | Miscellaneous Unit 2 Very gravelly coarse sands of old creek bed deposit | No provision | Uc2.21 |
| M4 | Miscellaneous Unit 4 Strongly bleached coarse sands developed on granite | No provision | Uc2.21 |
| M5 | Miscellaneous Unit 5 Stony soils of the steep slopes | Dominantly Lithosols | Um1 |
| Cc | Calman Clay Uniform dark heavy clays over highly calcareous grey and yellowish grey heavy clay | Black Earth | Ug5.4 |
| Gc | Gilligan Clay Dark grey heavy clays over olive or yellow-brown heavy clay, free carbonate throughout | Grey Soil of Heavy Texture | Ug5.29 |
| SOILS WITH GRADATIONAL TEXTURE PROFILES | | | |
| Fls | Flagstone Loamy Sand Strongly bleached loamy sand A1-A2 over yellow and red mottled sandy loam - sandy clay loam subsoils | Yellow Earth-Yellow Podzolic intergrade | Gn2.94 |
| W9sl | Wyoming Sandy Loam Dark reddish-brown sandy loam over red sandy clay loam-sandy clay. Acid reaction | Red Earth | Gn2.14 |
| M1 | Miscellaneous Unit 1 Grey-brown sandy loam A1 and weak A2 over red or yellow sandy clay loam to sandy clay subsoil | Red and Yellow Podzolics | Gn2.14/24 |
| Dsl | Double Barrel Sandy Loam Shallow sandy loam A1 and sporadically bleached A2 over red and brown sandy clays | Red Podzolic | Gn3.14/31 |
| DI | Double Barrel Loam Very dark loamy A1 to 10" deep over a weakly developed A2 with structured red or brown sandy clay subsoils | Red Podzolic | Gn3.15 |
| Wsl | Woodridge Sandy Loam Light grey brown sandy loam A1 and bleached A2 over yellow and red mottled sandy clay loam to sandy clay | Yellow Earth-Yellow Podzolic intergrade | Gn2.94 |
| Wsl(s) | Woodridge Sandy Loam Steep Phase As above on the 1-4° pediment slopes | Yellow Earth-Yellow Podzolic intergrade | Gn2.94/94 |
| WI | Woodridge Loam Thin grey-brown loam A1 over yellow and yellow-brown clay loam increasing to medium clay | Yellow Earth | Gn2.64 |
| SOILS WITH STRONG TEXTURE CONTRAST | | | |
| Gsl | Glenoming Sandy Loam Gray brown sandy loam A1, moderately bleached A2 over yellow or red, structured clay subsoils | Yellow-Red Podzolic | Dy/Dr3.42 |
| M3 | Miscellaneous Unit 3 Moderately bleached sandy loam A1-A2 over mottled yellow gritty clays | Solodic | Dy3.43 |
| Ssl | Sandalwood Sandy Loam Very thin strongly bleached sandy loam A1-A2 over olive and yellow heavy clays | Solodic-Solodized Solonetz | Dy2/Dy3.43 |
| Lsl | Lansdown Sandy Loam Very strongly bleached sandy loam A1-A2 over mottled yellow or olive heavy clays | Solodic-Solodized Solonetz | Dy2/Dy3.43 |
| Lsl(g) | Lansdown Sandy Loam Gravelly Phase As above with high amounts of water worn gravels in A1-A2 | Solodic-Solodized Solonetz | Dy2/Dy3.43 |
| LFsl | Lansdown Fine Sandy Loam Very strongly bleached A1-A2 over dense mottled yellow clay with strong columnar structure | Solodized Solonetz | Dy3.43 |
| S'sl | Stockyard Sandy Loam Deep sandy loam bleached A1-A2 horizons over mottled gritty medium clay subsoils | Solodic-Solonized Solonetz | Dy3.43 |
| S'l | Stockyard Loam Dark grey brown loam A1 and moderately developed A2 over red or brown sandy to medium clay | Solodic | Dr/Dy3.43.33 |
| M'sl | Manton Sandy Loam Strongly bleached sandy loam A1-A2 over mottled grey-brown and yellow sandy medium clay subsoils | Solodic-Solodized Solonetz | Dy3.43 |
| M'l | Manton Loam Dark grey brown loam A1, bleached A2 over grey brown or olive heavy clays | Solodic | Dy2.43.33 |

| MAPPING UNIT | MAJOR COMPONENTS | MINOR COMPONENTS |
|--------------|---|-------------------------------------|
| M'C | Manton Gilgai Complex Manton Loam Gilligan Clay | Lansdown Sandy Loam Calman Clay |
| M'C(g) | Manton Gilgai Complex Gravelly Phase As above | |
| WC | Woodridge Gilgai Complex Woodridge Loam Gilligan Clay | |
| SC | Sandalwood Gilgai Complex Sandalwood Sandy Loam Gilligan Clay | Calman Clay |
| LC | Lansdown Complex Lansdown Sandy Loam Manton Sandy Loam | Stockyard Sandy Loam Manton Loam |

*Note: Gilligan Clay is mapped only as component of Manton, Woodridge & Sandalwood complexes. Manton Sandy Loam is mapped only as a component of Lansdown complex.

LEGEND

- Sample sites ▲ 732
- Fences - - - - -
- Parish boundaries - - - - -
- Paddock names MANTON



SOIL SURVEYOR
G.G. MURTHA

FIELD OPERATIONS
CSIRO DIVISION OF SOILS
1964