

# Major Land Resource Area 060B

## Pierre Shale Plains, Northern Part

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### Ecological site keys

#### MLRA 60B Ecological Site Key

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- I. Lowland sites receiving significant additional run-off moisture or flooding from overflow of ephemeral streams
  - A. Saline and/or sodic conditions are apparent on the soil surface ... GX060B00X571 – Saline Lowland 10-14
  - B. Site receives flooding from overflow of ephemeral stream ... GX060B00X060 – Overflow 10-14
- II. Upland sites affected by saline and/or sodic conditions
  - A. Soils are slightly to moderately saline ... GX060B00X095 – Loamy Saline 10-14
  - B. Soils are moderately to strongly saline ... GX060B00X093 – Saline Upland 10-14
- III. Upland sites with soil depths  $\geq$  20 inches
  - A. Soil surface texture is loam or silt loam;  $\leq$  32% clay
    - 1 4-8 inch loamy soil surface texture over dense claypan subsoil ... GX060B00X006 – Claypan 10-14
    - 2 1-4 inch loamy soil surface texture over dense claypan subsoil ... GX060B00X165 – Thin Claypan 10-14
    - 3 Clay content is  $\leq$  32% within surface mineral 4 inches ... GX060B00X032 – Loamy 10-14
  - B. Sites with clayey soil surface texture;  $>$  32% clay
    - 1 Clayey subsoil with blocky or prismatic structure ... GX060B00X001 – Clayey 10-14
    - 2 Sites with 15-45% slope ... GX060B00X005 – Clayey Steep 10-14
    - 3 Clay content  $>$  45% within surface mineral 2 inches ... GX060B00X010 – Dense Clay 10-14
    - 4 Soils with coarse granular clays (typically acid shales) ... GX060B00X007 – Coarse Clay 10-14
- IV. Upland sites with soil depths  $<$  20 inches
  - A. Loam or silt loam soil surface texture;  $\leq$  32% clay ... GX060B00X576 – Shallow 10-14
  - B. Clayey soil surface texture over shale or dense clay;  $>$  32% clay ... GX060B00X131 – Shallow Clay 10-14