

# Major Land Resource Area 150B

## Gulf Coast Saline Prairies

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### Ecological site keys

#### 150B

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##### I. Soils permanently submerged

- A. Very deep and very poorly drained lagoons along the southeast TX coast ... R150BY728TX – Subaqueous Grassflat
- B. Very deep loamy and loamy fine sand located in bay bottoms along the eastern TX coast ... TX150B01X730 – Sandy Bay Bottom
- C. Dredge deposited loamy bay bottom along the eastern TX coast ... TX150B01X732 – Turbid Bay Bottom

##### II. Soils not permanently submerged

###### A. Dune landform created by wind

- 1 Dune comprised of sandy-textured soil ... R150BY714TX – Coastal Dune
- 2 Dune comprised of sandy clay loam and clay loam textured soil ... R150BY647TX – Coastal Ridge

###### B. All others

###### 1 Located exclusively inland on the coastal plain

- i. Salty floodplains of riverine systems from further inland ... R150BY668TX – Salty Bottomland
- ii. All others
  - a. Sandy flats with less than 1 percent slope and no ponding ... R150BY708TX – Sandy Flat
  - b. All others
    - 1) Salty prairies with slopes ranging from 0 to 5 percent ... R150BY551TX – Salty Prairie
    - 2) Closed depressional salt marshes with less than 1 percent slope
      - a) Salt marshes located northeast of Rockport, TX ... R150BY550TX – Northern Salt Marsh
      - b) Salt marshes located southwest of Rockport, TX ... R150BY652TX – Southern Salt Marsh

###### 2 Located on the coastal plain and/or the barrier island

- i. Soils with sandy textures of foredunes and backdunes that do not pond and have a water table greater than 40 inches
  - a. Coastal Sands northeast of Rockport, TX ... R150BY530TX – Northern Coastal Sand
  - b. Coastal Sands southwest of Rockport, TX ... R150BY648TX – Southern Coastal Sand
- ii. All others
  - a. Gently sloping sands of foredunes and backdunes with high water table ... R150BY650TX – Low Coastal Sand

**b. All others**

**1) Interior barrier island depressions ... R150BY713TX – Coastal Swale**

**2) All others**

**a) Soils immediately adjacent to the bay and subaqueous grass flats**

**i) Slightly depressional flats with brackish water conditions ... R150BY715TX – Firm Brackish Marsh**

**ii) Strongly saline flats affected by tide movements ... R150BY552TX – Tidal Flat**

**b) Slightly higher landform positions**

**i) Flats inundated with water by wind action and vegetated with algal crust ... R150BY716TX – Wind Tidal Flat**

**ii) Flats with high salinity and electrical conductivity ... R150BY651TX – Salt Flat**