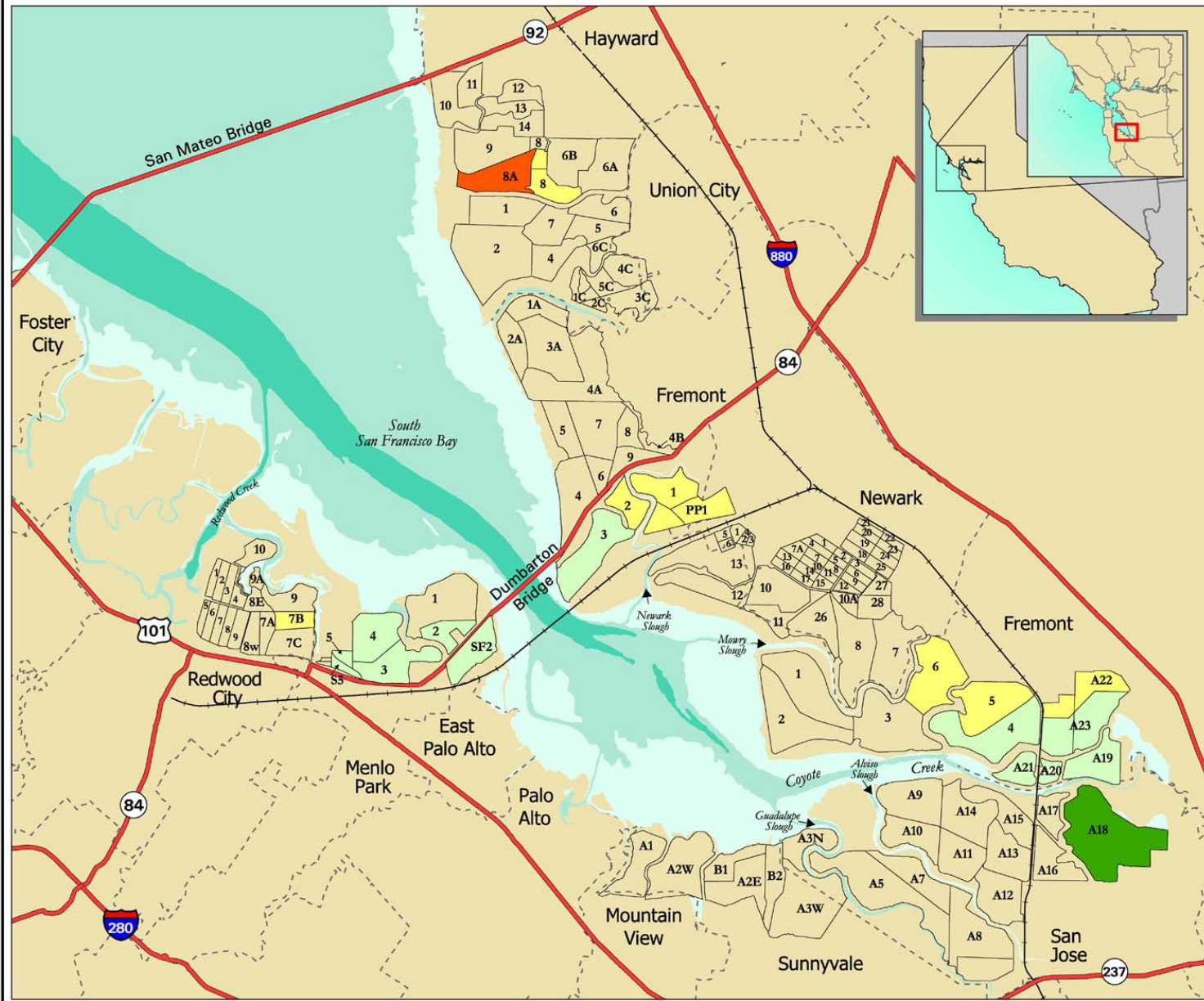


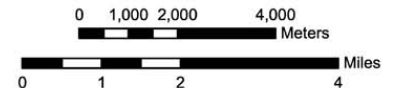
# May 13, Gypsum Constraints with Salt Pond Elevation

This map shows the constraint that gypsum layers may present for tidal marsh restoration as a function of pond bottom elevation. The higher the pond elevation, the greater potential that the gypsum will interfere with plant colonization and channel formation. Unknown is whether gypsum would interfere with subsurface water movements in any ecologically significant manner, a topic little studied in tidal wetlands.



### Legend

- Gypsum Likely to Interfere with Tidal Marsh Restoration**
  - Between MHW and MHHW (310 acres)
- Gypsum Could Interfere with Tidal Marsh Restoration**
  - Between 1ft. Below MHW and MHW (2,140 acres)
- Gypsum Less Likely to Interfere with Tidal Marsh Restoration**
  - Between 1ft. Above MTL and 1ft. Below MHW (2,950 acres)
  - Between MTL and 1ft. Above MTL (860 acres)
- City Boundaries
- Highways
- Railroad



Data Sources: EcoAtlas, Cargill, USGS  
 Map Projection: CA Stateplane II, NAD83  
 Map Version 1.5 | Produced on: 06/19/01

© Stuart Siegel, 2001

