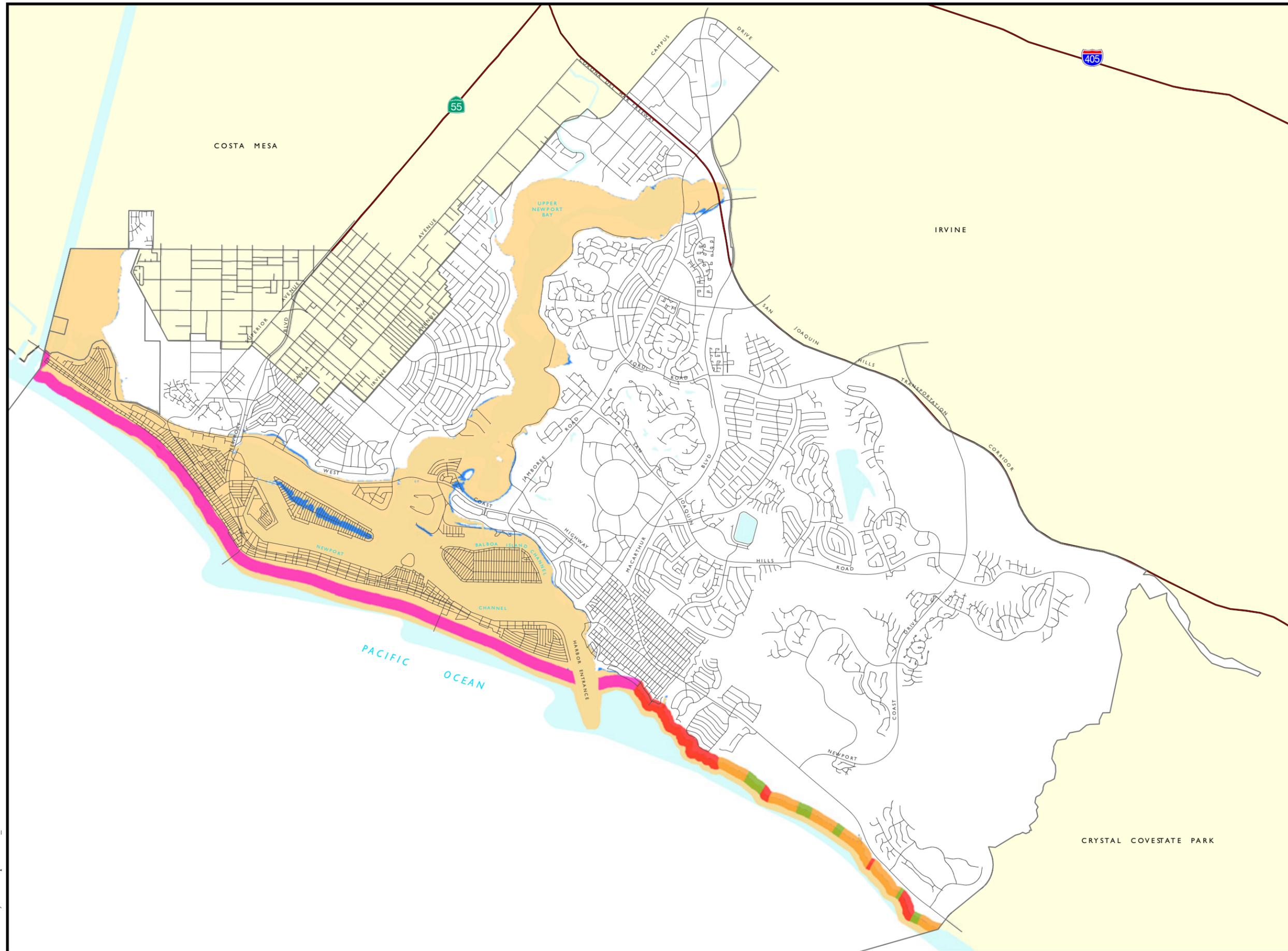


CITY of NEWPORT BEACH  
GENERAL PLAN

Figure S1  
COASTAL  
HAZARDS



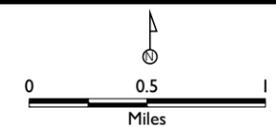
Legend

Coastal Erosion Hazards

- Sandstone member of Monterey Formation; most resistant bluff-forming unit. Prone to landsliding or mass wasting where undercut by wave action, especially at points. Fails as large blocks.
- Siltstone member of Monterey formation; very fissile and fractured; tends to form an apron of talus at the base of slopes
- Pleistocene marine terrace deposits; prone to landsliding along steep cuts (i.e. Highway 1), and to erosion by rilling and gulying along bluffs
- Beach and eolian sand covering the gently sloping to level beaches. Continuously reworked by wave and wind action

Tsunami Inundation at Extreme High Tide

- 100-year Zone (Inundation Elevation=13.64 feet)
- 500-year Zone (Inundation Elevation=15.24 feet)



Source: City of Newport Beach, and Earth Consultants, 2003.  
PROJECT NUMBER: 10579-01  
Date: 03/24/06

