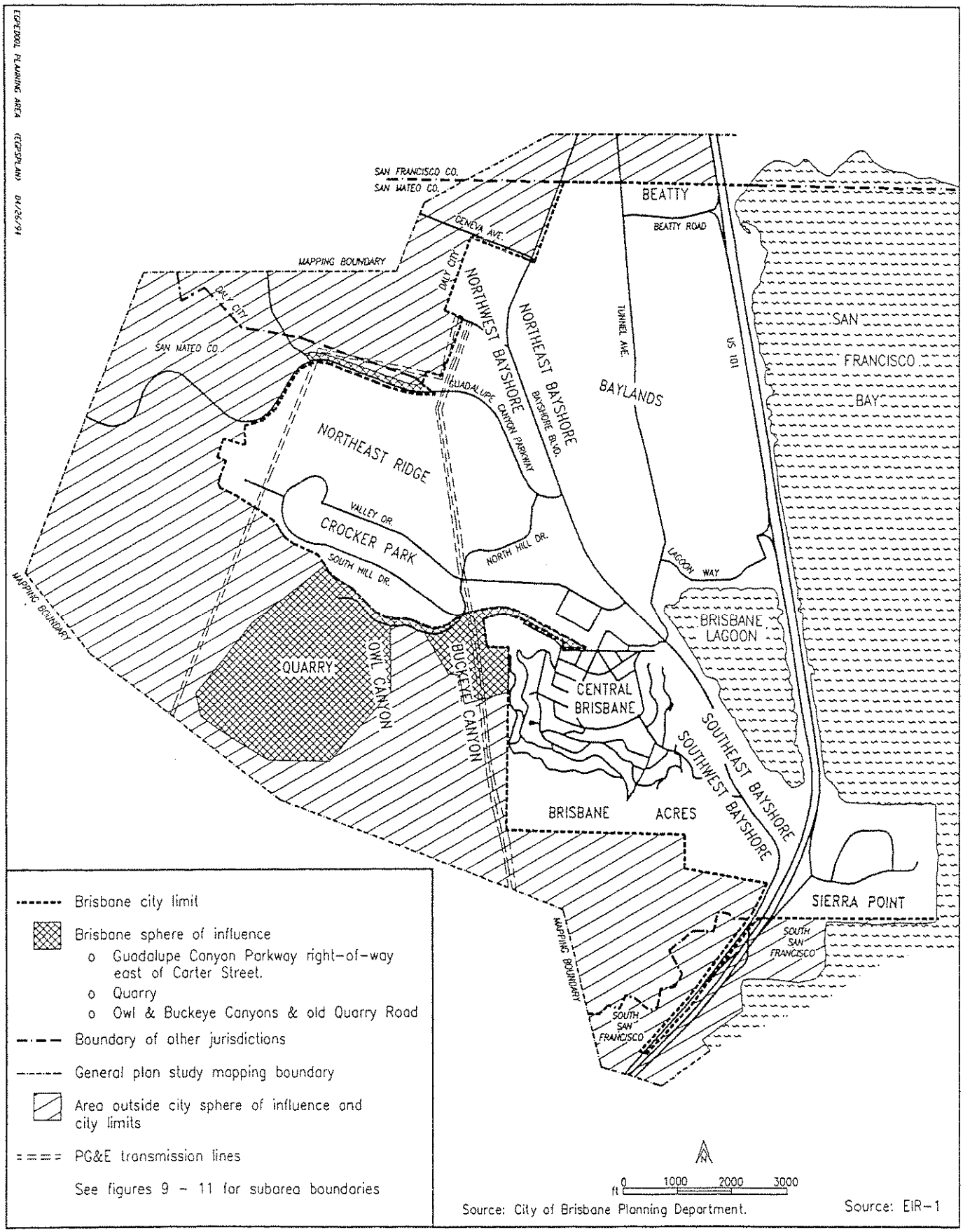
FIGURE II-A -- PLANNING AREA



Source: City of Brisbane Planning Department.

Source: EIR-1

FIGURE IX-A

VEGETATION COMMUNITIES

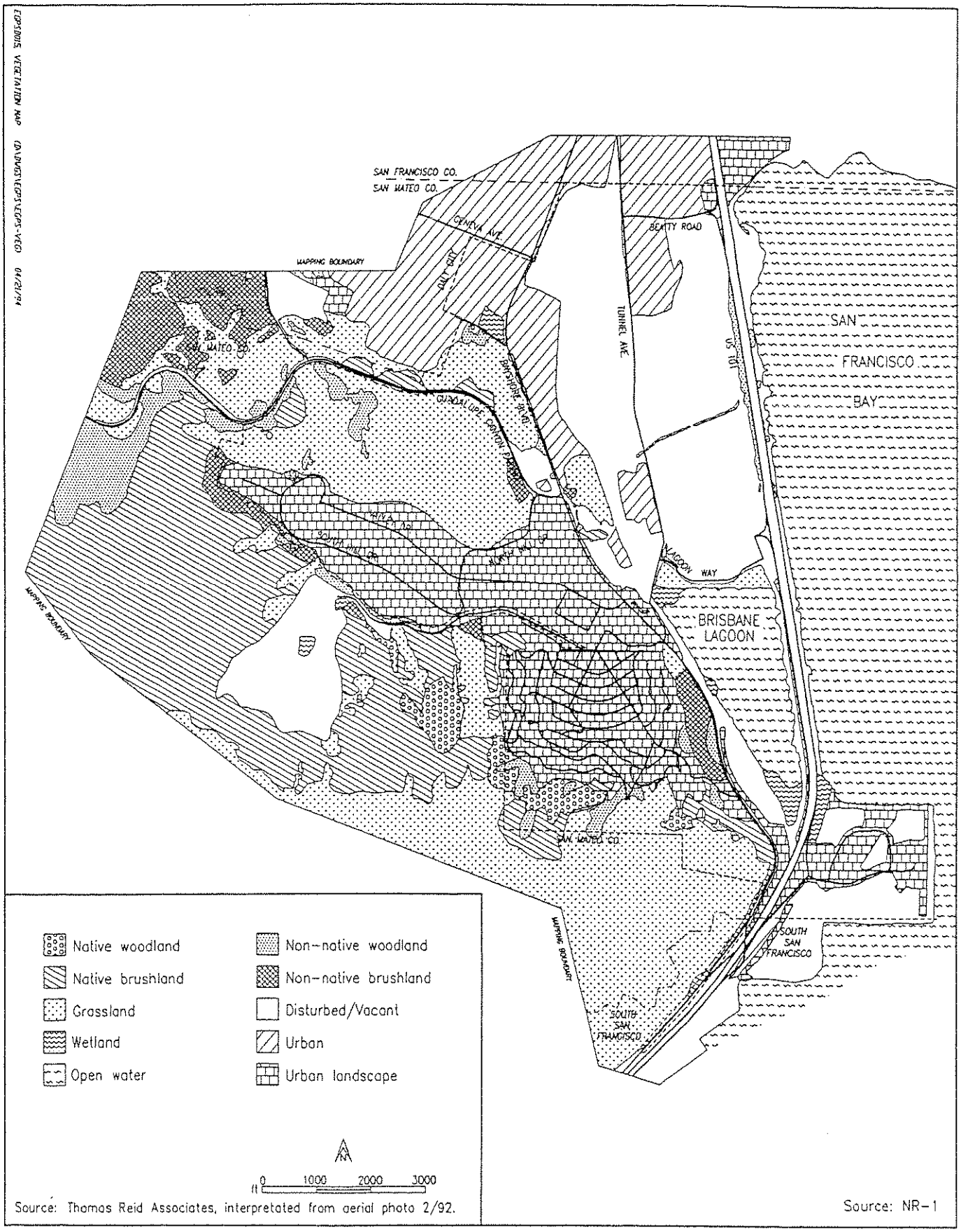


FIGURE IX-B

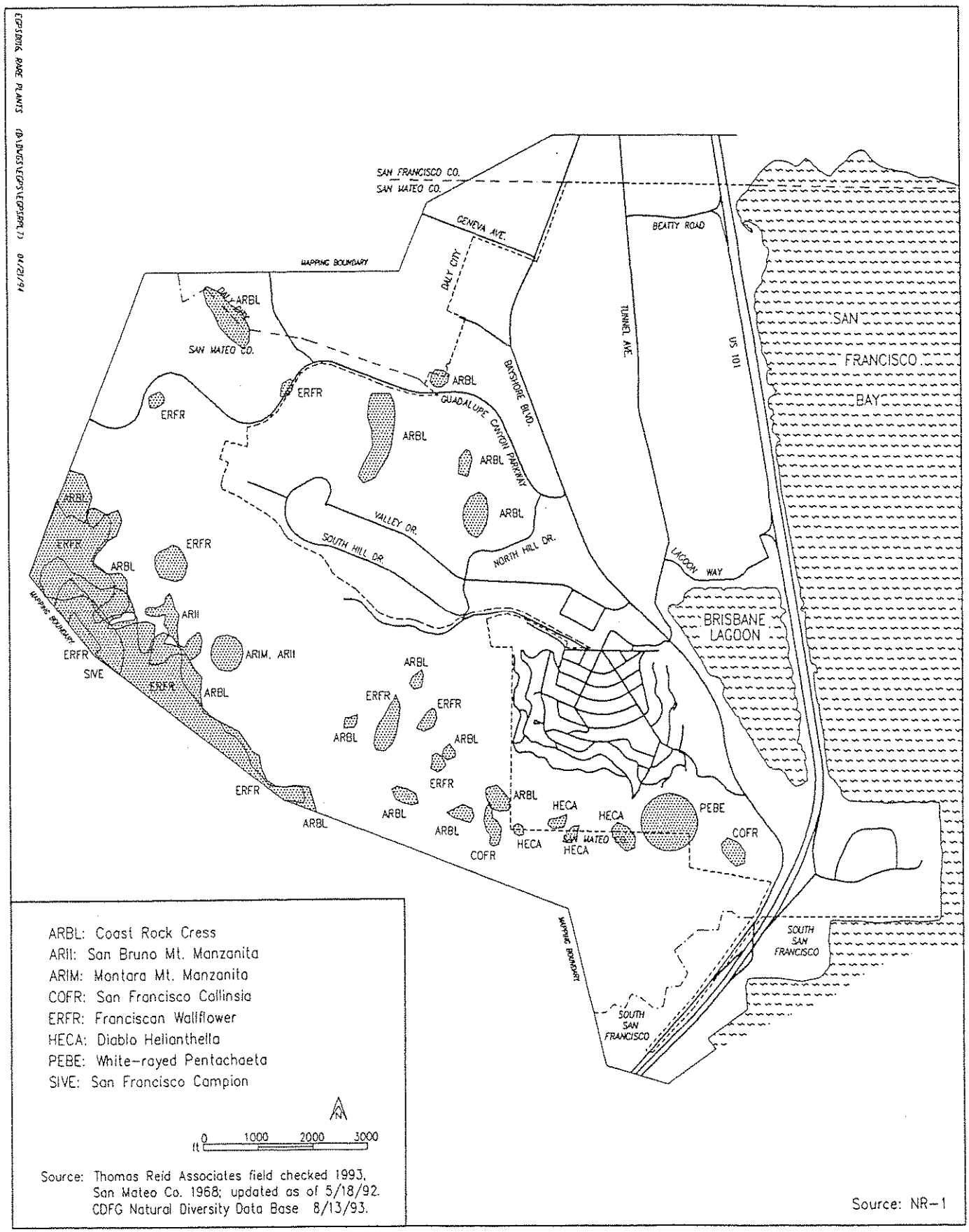

SAN FRANCISCO CO.
SAN MATEO CO.
GENEVA AVE.
BEATTY ROAD
MAPPING BOUNDARY
DALY CITY
TUNNEL AVE.
US 101
SAN FRANCISCO BAY
BAYSHORE BLVD.
GUADALUPE CANYON PARKWAY
VALLEY DR.
SOUTH HILL DR.
NORTH HILL DR.
LAGOON WAY
BRISBANE LAGOON
SOUTH SAN FRANCISCO
ARBL
ERFR
ARII
ARIM, ARII
SIVE
HECA
PEBE
COFR
ARBL: Coast Rock Cress
ARII: San Bruno Mt. Manzanita
ARIM: Montara Mt. Manzanita
COFR: San Francisco Collinsia
ERFR: Franciscan Wallflower
HECA: Diablo Helianthella
PEBE: White-rayed Pentachaeta
SIVE: San Francisco Campion
0 1000 2000 3000
ft
Source: Thomas Reid Associates field checked 1993, San Mateo Co. 1968; updated as of 5/18/92. CDFG Natural Diversity Data Base 8/13/93.
Source: NR-1

FIGURE IX-C

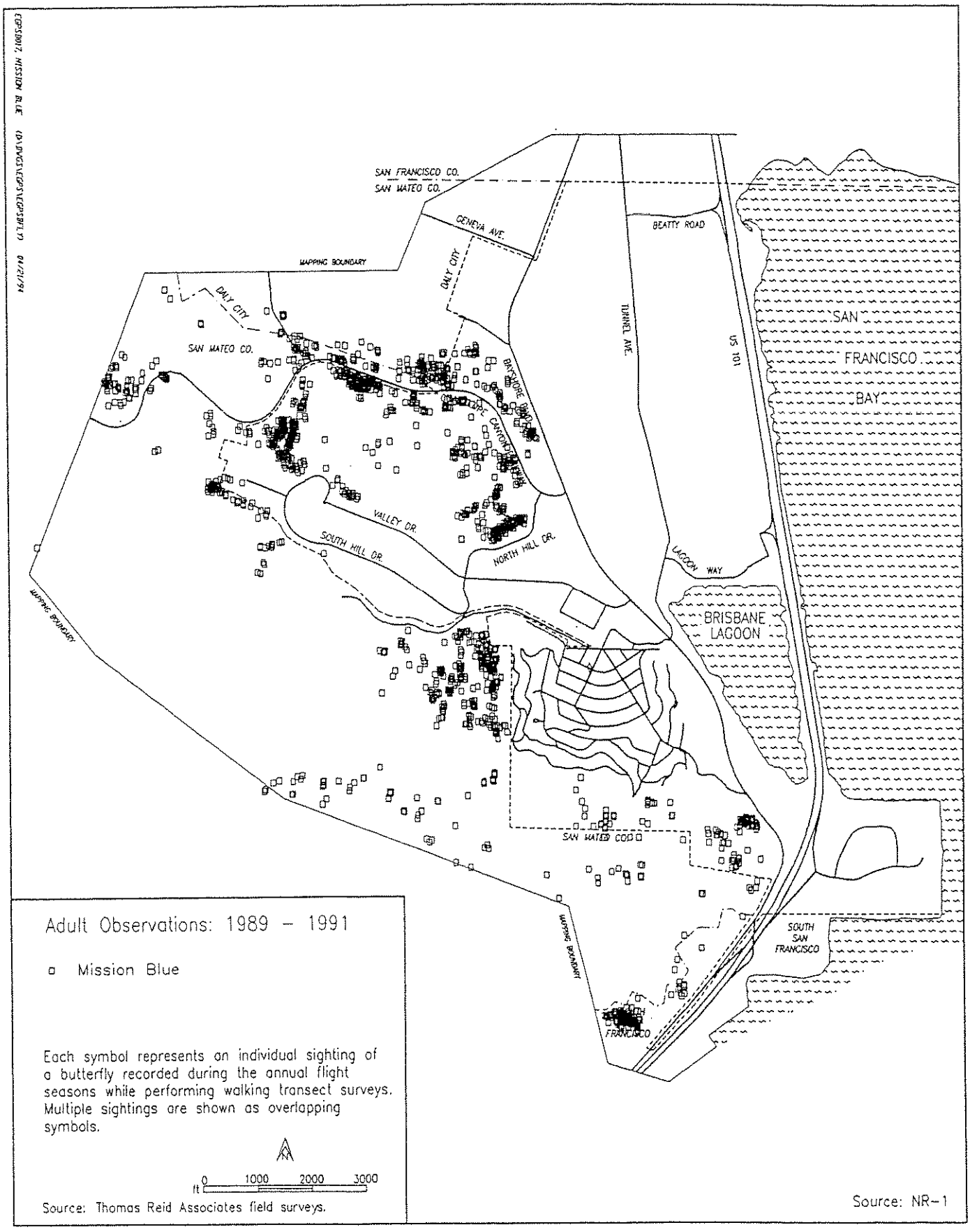

SAN FRANCISCO CO.
SAN MATEO CO.
GENEVA AVE.
BEATTY ROAD
MAPPING BOUNDARY
DALY CITY
SAN MATEO CO.
TUNNEL AVE.
US 101
SAN FRANCISCO BAY
BAYSHORE BLVD.
VALLEY DR.
SOUTH HILL DR.
NORTH HILL DR.
LAGOON WAY
BRISBANE LAGOON
SAN MATEO CO.
SOUTH SAN FRANCISCO
Adult Observations: 1989 – 1991
Mission Blue
Each symbol represents an individual sighting of a butterfly recorded during the annual flight seasons while performing walking transect surveys. Multiple sightings are shown as overlapping symbols.
ft 0 1000 2000 3000
Source: Thomas Reid Associates field surveys.
Source: NR-1

FIGURE IX-D

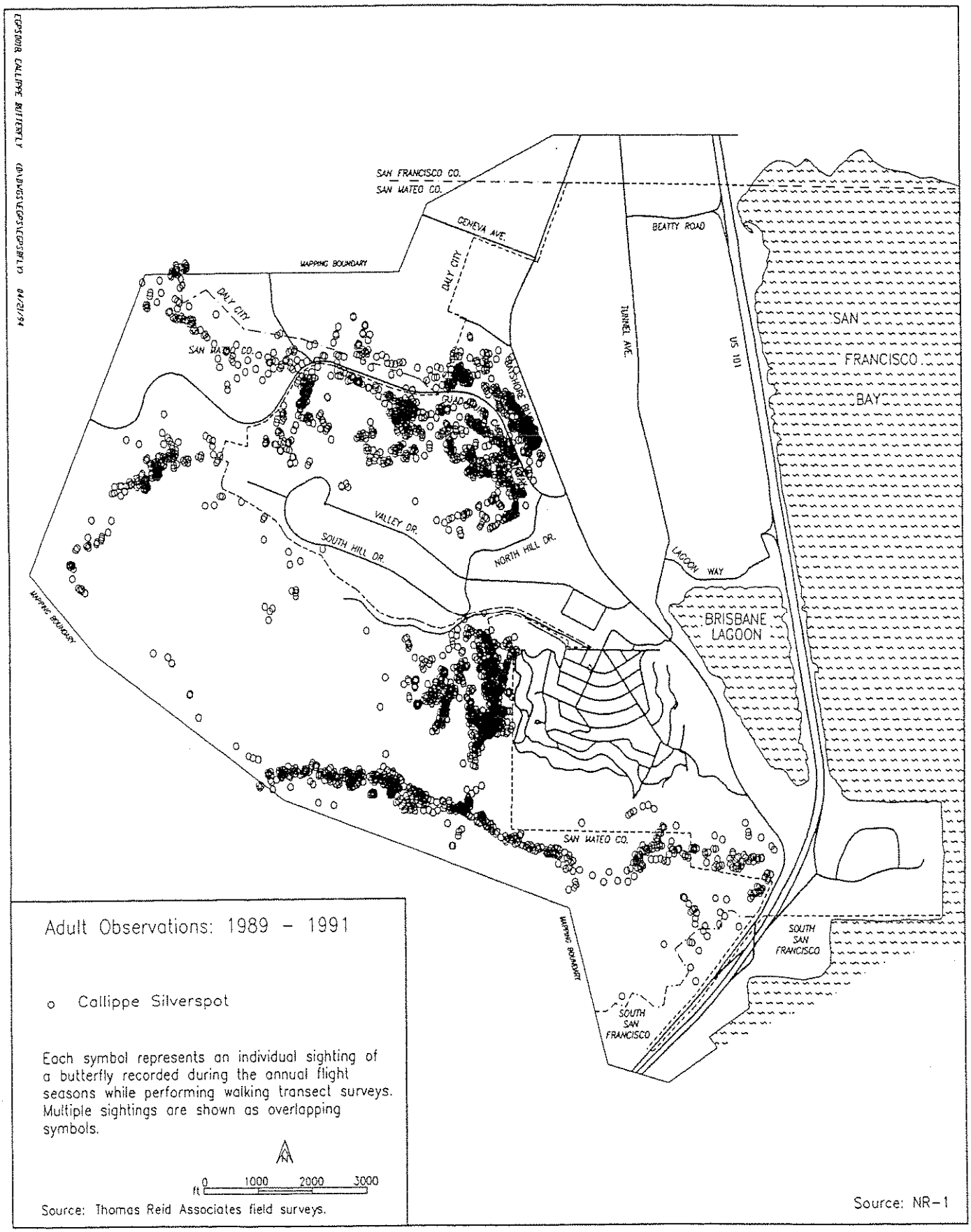

SAN FRANCISCO CO.
SAN MATEO CO.
GENEVA AVE.
BEATTY ROAD
MAPPING BOUNDARY
DALY CITY
TUNNEL AVE.
US 101
SAN FRANCISCO BAY
BAYSHORE BLVD.
VALLEY DR.
SOUTH HILL DR.
NORTH HILL DR.
LAGOON WAY
BRISBANE LAGOON
SOUTH SAN FRANCISCO
Adult Observations: 1989 - 1991
Callippe Silverspot
Each symbol represents an individual sighting of a butterfly recorded during the annual flight seasons while performing walking transect surveys. Multiple sightings are shown as overlapping symbols.
N
ft 0 1000 2000 3000
Source: Thomas Reid Associates field surveys.
Source: NR-1

FIGURE IX-E

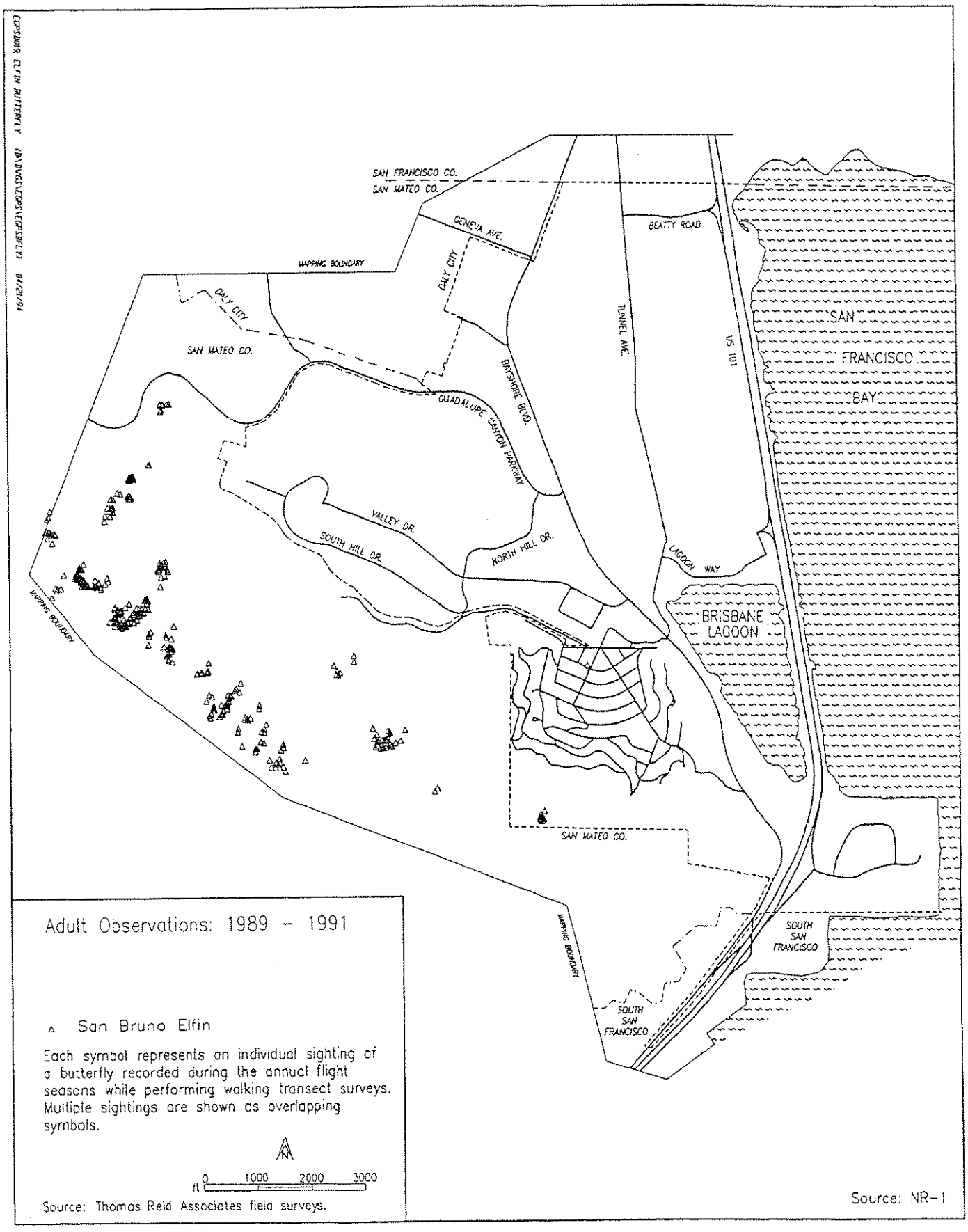
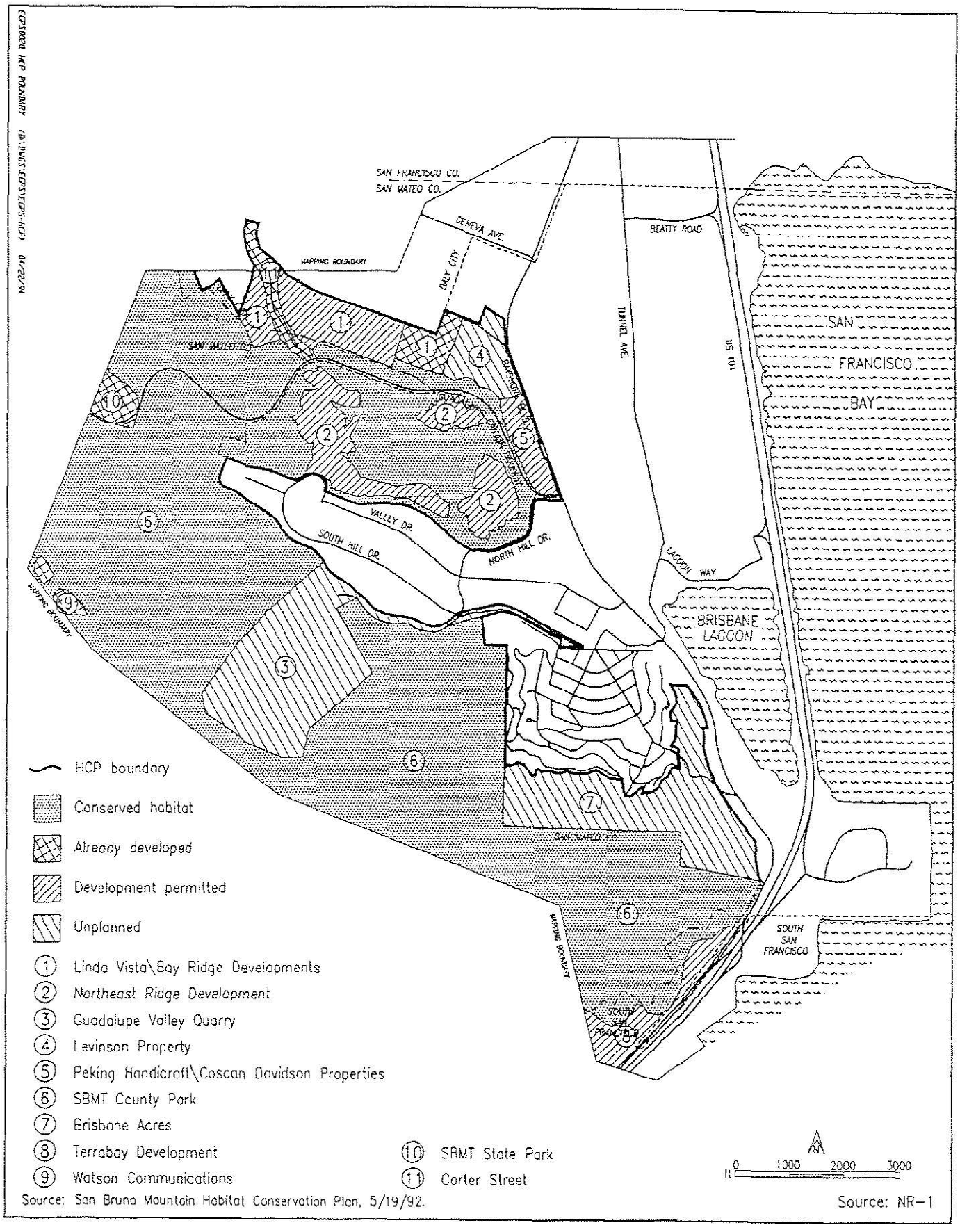

EGPSSBFL ELFIN BUTTERFLY (D:\DVGS\EGPS\EGPSBFL.V3 04/21/94
SAN FRANCISCO CO.
SAN MATEO CO.
GENEVA AVE.
BEATTY ROAD
MAPPING BOUNDARY
DALY CITY
DALY CITY
SAN MATEO CO.
TUNNEL AVE.
US 101
SAN
FRANCISCO
BAY
BAYSHORE BLVD.
GUADALUPE CANYON PARKWAY
VALLEY DR.
SOUTH HILL DR.
NORTH HILL DR.
LAGOON WAY
BRISBANE
LAGOON
MAPPING BOUNDARY
SAN MATEO CO.
MAPPING BOUNDARY
SOUTH
SAN
FRANCISCO
SOUTH
SAN
FRANCISCO
Adult Observations: 1989 - 1991
San Bruno Elfin
Each symbol represents an individual sighting of a butterfly recorded during the annual flight seasons while performing walking transect surveys. Multiple sightings are shown as overlapping symbols.
ft 0 1000 2000 3000
Source: Thomas Reid Associates field surveys.
Source: NR-1

FIGURE IX-F



Source: San Bruno Mountain Habitat Conservation Plan, 5/19/92.

Source: NR-1

FIGURE IX-H

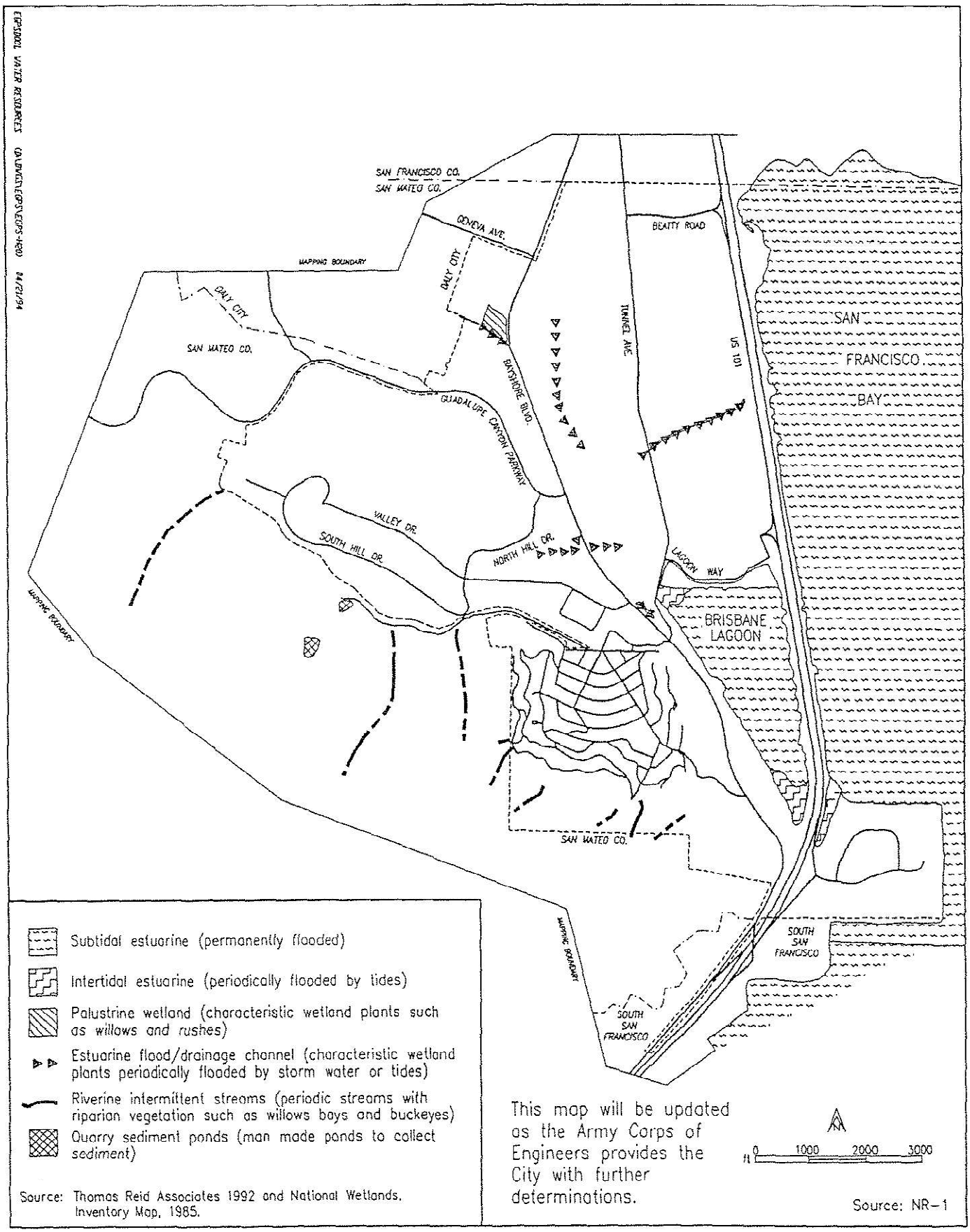

SAN FRANCISCO CO.
SAN MATEO CO.
GENEVA AVE.
BEATTY ROAD
MAPPING BOUNDARY
DALY CITY
DALY CITY
SAN MATEO CO.
BAYSHORE BLVD.
TUNNEL AVE.
US 101
SAN
FRANCISCO
BAY
GUADALUPE CANYON PARKWAY
VALLEY DR.
SOUTH HILL DR.
NORTH HILL DR.
LAGOON WAY
BRISBANE
LAGOON
MAPPING BOUNDARY
SAN MATEO CO.
MAPPING BOUNDARY
SOUTH
SAN
FRANCISCO
SOUTH
SAN
FRANCISCO
Subtidal estuarine (permanently flooded)
Intertidal estuarine (periodically flooded by tides)
Palustrine wetland (characteristic wetland plants such as willows and rushes)
Estuarine flood/drainage channel (characteristic wetland plants periodically flooded by storm water or tides)
Riverine intermittent streams (periodic streams with riparian vegetation such as willows bays and buckeyes)
Quarry sediment ponds (man made ponds to collect sediment)
Source: Thomas Reid Associates 1992 and National Wetlands. Inventory Map, 1985.
This map will be updated as the Army Corps of Engineers provides the City with further determinations.
ft 0 1000 2000 3000
Source: NR-1

FIGURE IX-I

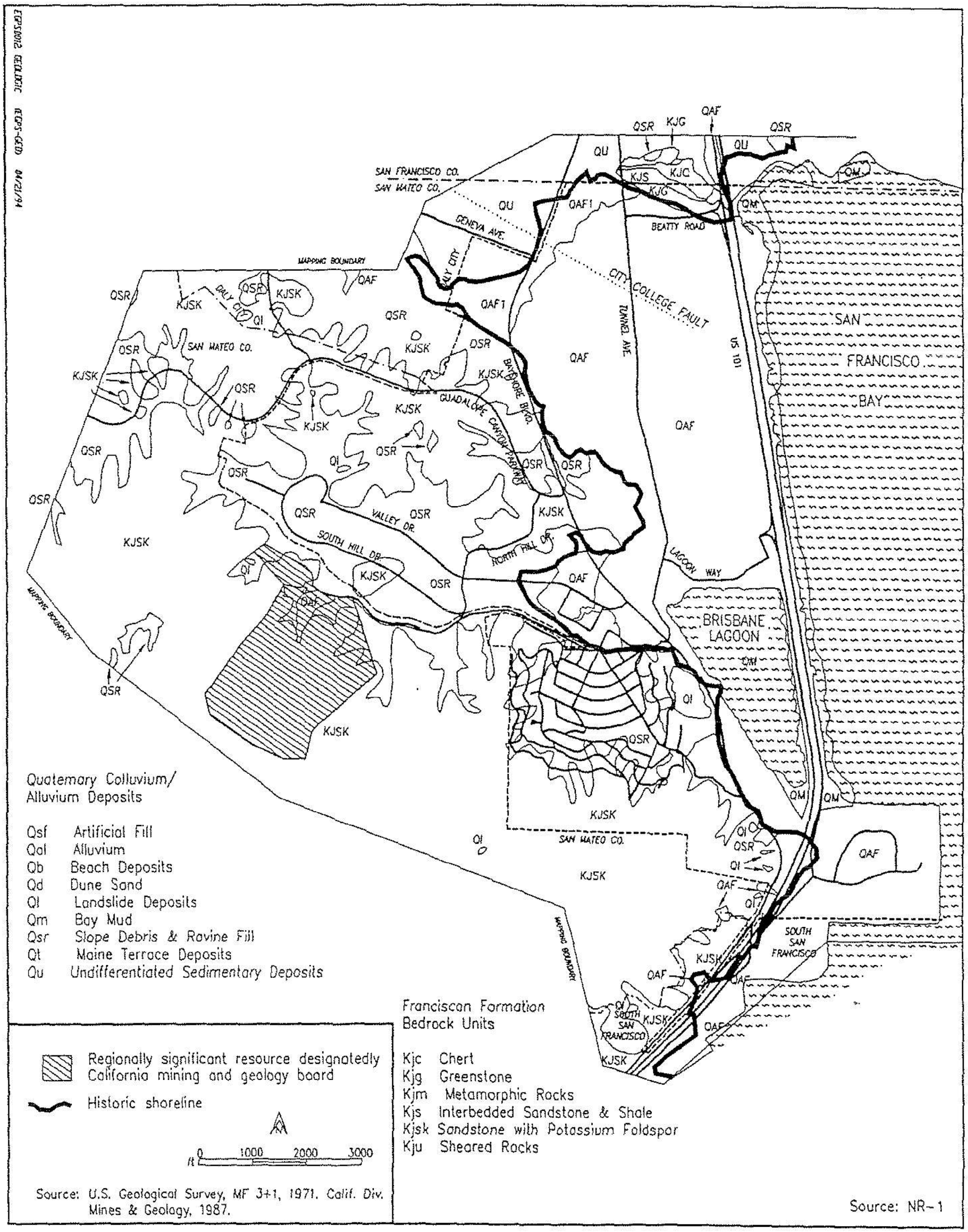

SAN FRANCISCO CO.
SAN MATEO CO.
GENEVA AVE.
CITY COLLEGE FAULT
TUNNEL AVE.
US 101
BEATTY ROAD
GUADALUPE CANYON PARKWAY
BAYSHORE BLVD.
VALLEY DR.
SOUTH HILL DR.
NORTH HILL DR.
LAGOON WAY
SAN FRANCISCO BAY
BRISBANE LAGOON
SOUTH SAN FRANCISCO
MAPPING BOUNDARY
Quaternary Colluvium/
Alluvium Deposits
Qsf Artificial Fill
Qal Alluvium
Qb Beach Deposits
Qd Dune Sand
Ql Landslide Deposits
Qm Bay Mud
Qsr Slope Debris & Ravine Fill
Qt Maine Terrace Deposits
Qu Undifferentiated Sedimentary Deposits
Franciscan Formation
Bedrock Units
Kjc Chert
Kjg Greenstone
Kjm Metamorphic Rocks
Kjs Interbedded Sandstone & Shale
Kjsk Sandstone with Potassium Foldspar
Kju Sheared Rocks
Regionally significant resource designatedly
California mining and geology board
Historic shoreline
ft 0 1000 2000 3000
Source: U.S. Geological Survey, MF 3+1, 1971. Calif. Div. Mines & Geology, 1987.
Source: NR-1

FIGURE IX-J

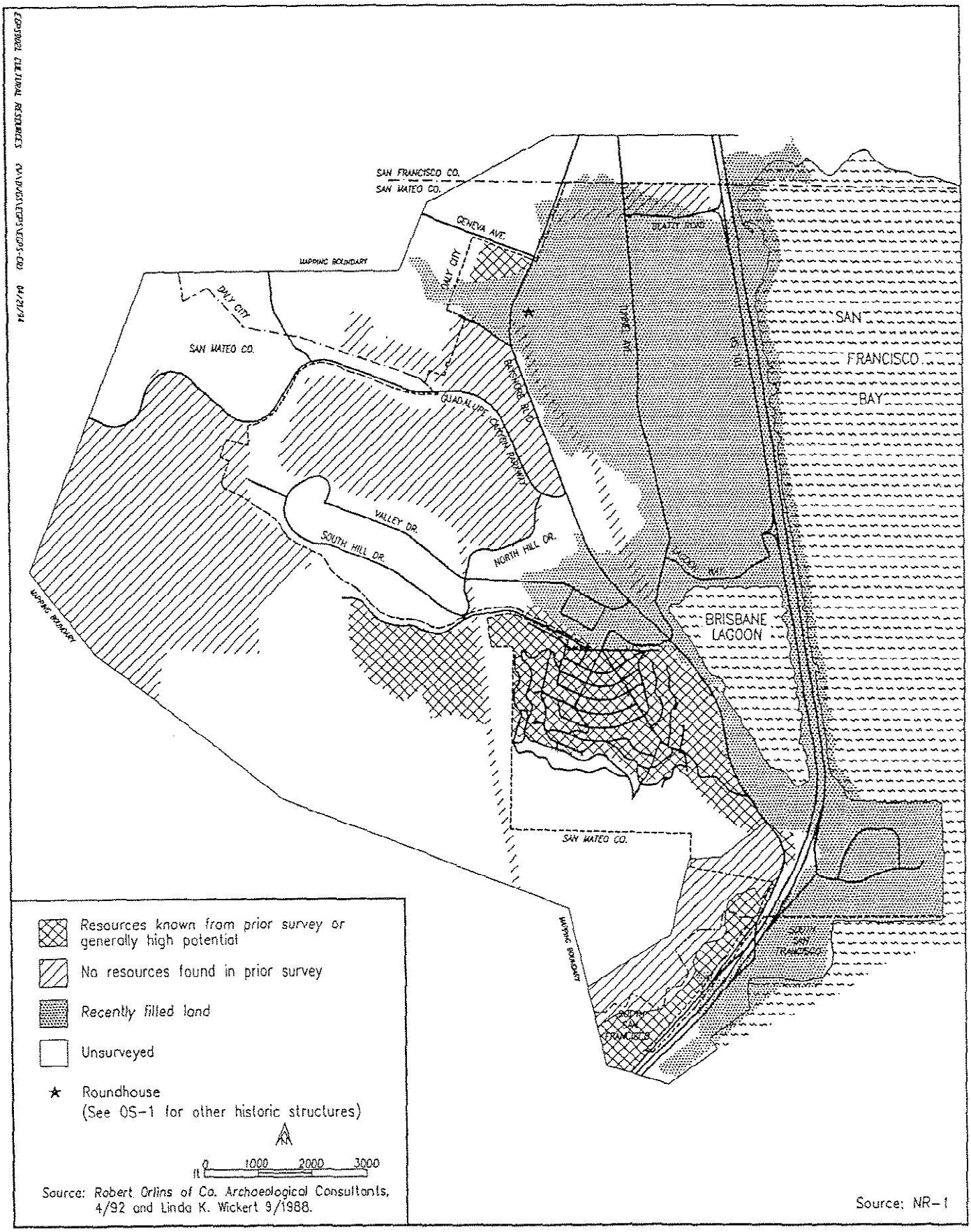

SAN FRANCISCO CO.
SAN MATEO CO.
GENEVA AVE.
DALY CITY
MAPPING BOUNDARY
SAN MATEO CO.
BAYSHORE BLVD.
GUADALUPE CANYON PARKWAY
VALLEY DR.
SOUTH HILL DR.
NORTH HILL DR.
SAN FRANCISCO BAY
BRISBANE LAGOON
SAN MATEO CO.
Resources known from prior survey or generally high potential
No resources found in prior survey
Recently filled land
Unsurveyed
Roundhouse
(See OS-1 for other historic structures)
0 1000 2000 3000
Source: Robert Orlins of Co. Archaeological Consultants, 4/92 and Linda K. Wickert 9/1988.
Source: NR-1

FIGURE X-B

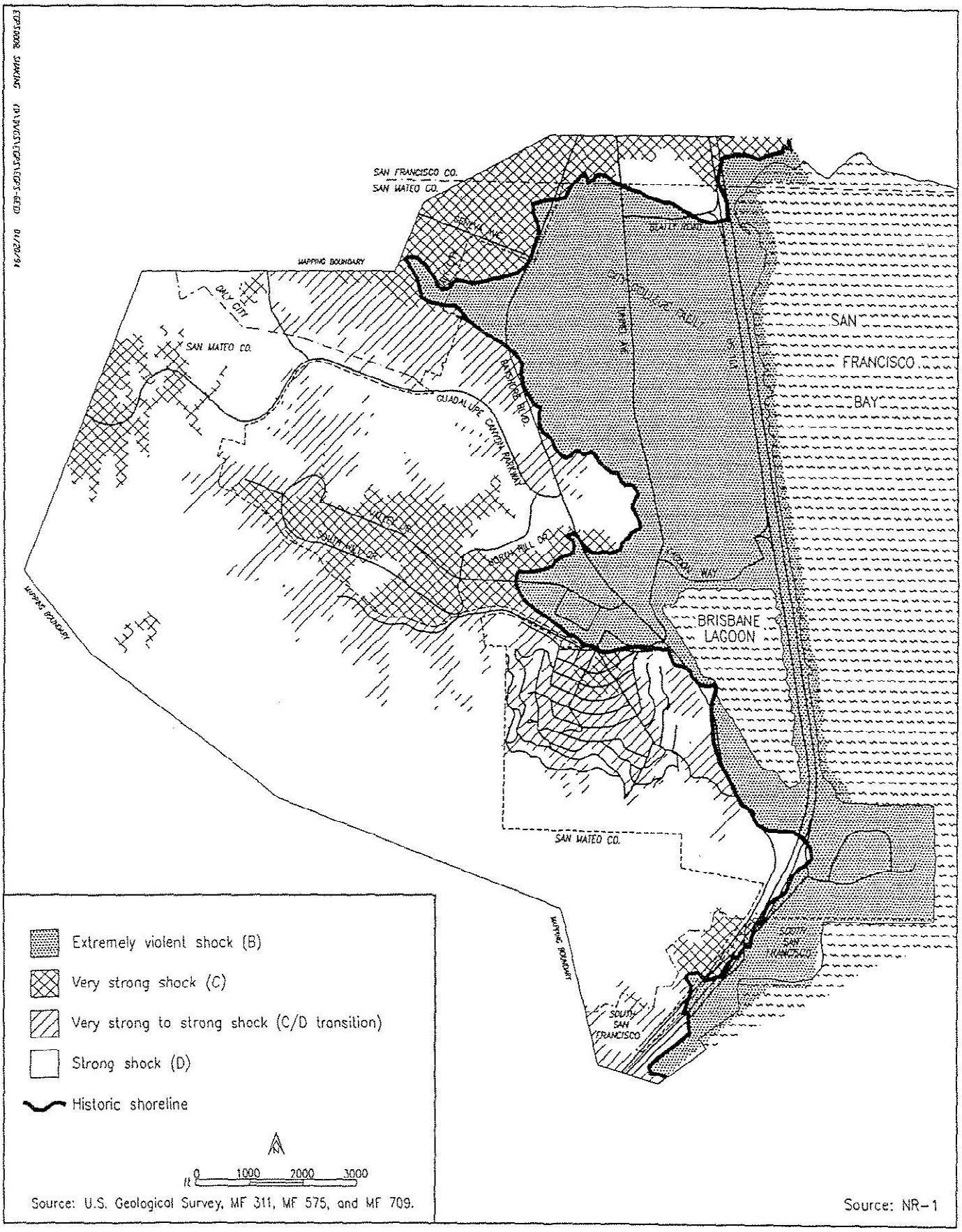

SAN FRANCISCO CO.
SAN MATEO CO.
MAPPING BOUNDARY
DALY CITY
SAN MATEO CO.
GUADALUPE CANYON PARKWAY
SAN FRANCISCO BAY
BRISBANE LAGOON
SAN MATEO CO.
SOUTH SAN FRANCISCO
SOUTH SAN FRANCISCO
Extremely violent shock (B)
Very strong shock (C)
Very strong to strong shock (C/D transition)
Strong shock (D)
Historic shoreline
0 1000 2000 3000
ft
Source: U.S. Geological Survey, MF 311, MF 575, and MF 709.
Source: NR-1

FIGURE X-C

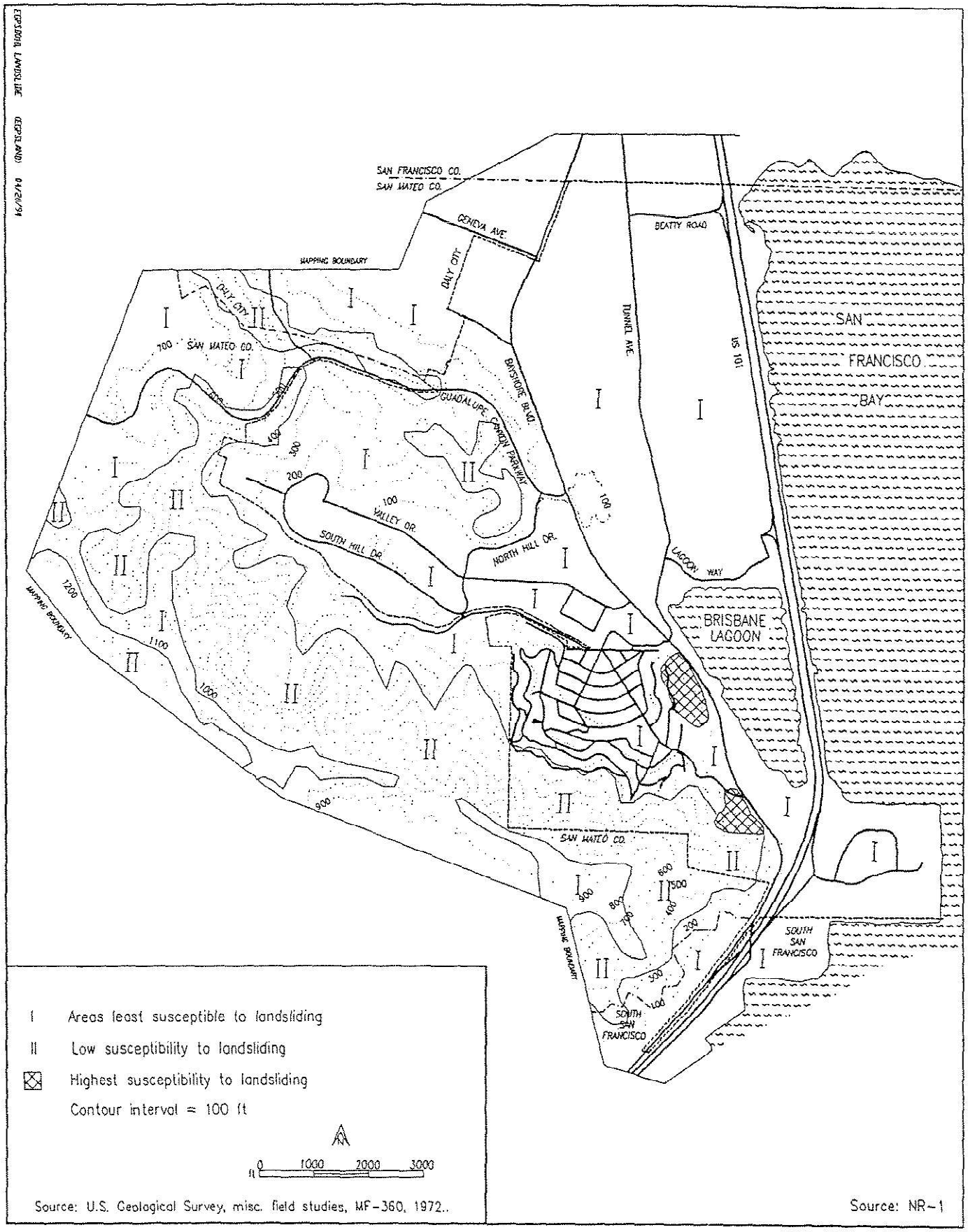

SAN FRANCISCO CO.
SAN MATEO CO.
GENEVA AVE.
BEATTY ROAD
MAPPING BOUNDARY
DALY CITY
TUNNEL AVE.
US 101
SAN FRANCISCO BAY
SAN MATEO CO.
GUADALUPE CANYON PARKWAY
BAYSHORE BLVD.
VALLEY DR.
SOUTH HILL DR.
NORTH HILL DR.
LAGOON WAY
BRISBANE LAGOON
SAN MATEO CO.
SOUTH SAN FRANCISCO
SOUTH SAN FRANCISCO
I Areas least susceptible to landsliding
II Low susceptibility to landsliding
Highest susceptibility to landsliding
Contour interval = 100 ft
0 1000 2000 3000
Source: U.S. Geological Survey, misc. field studies, MF-360, 1972..
Source: NR-1

FIGURE X-D

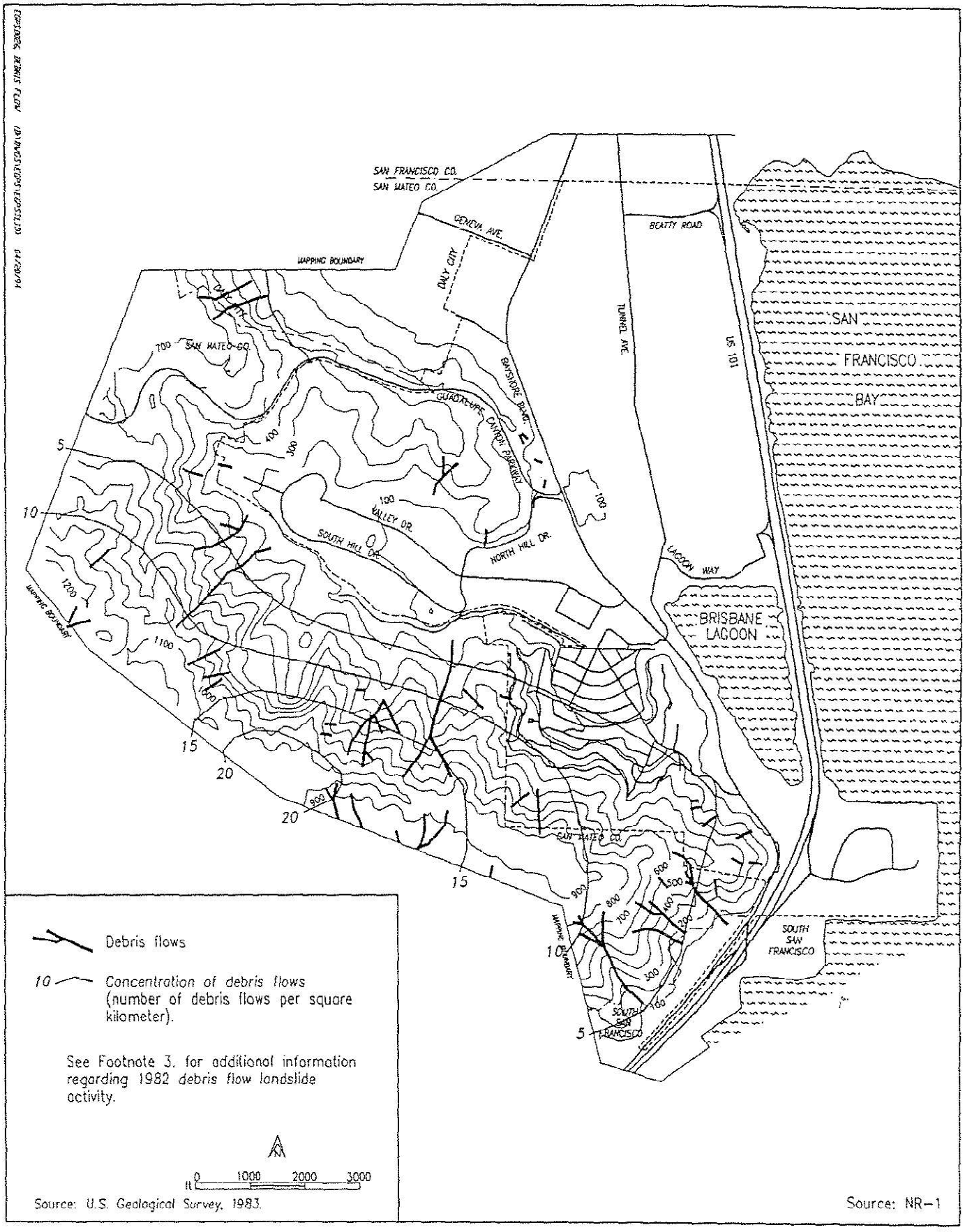

SAN FRANCISCO CO.
SAN MATEO CO.
GENEVA AVE.
BEATTY ROAD
MAPPING BOUNDARY
DALY CITY
TUNNEL AVE.
US 101
SAN
FRANCISCO
BAY
700
SAN MATEO CO.
GUADALUPE CANYON PARKWAY
BAYSHORE BLVD.
400
300
100
VALLEY DR.
SOUTH HILL DR.
NORTH HILL DR.
LAGOON WAY
BRISBANE
LAGOON
1200
1100
600
900
SAN MATEO CO.
800
700
500
400
300
200
100
SOUTH
SAN
FRANCISCO
5
10
15
20
Debris flows
Concentration of debris flows (number of debris flows per square kilometer).
See Footnote 3. for additional information regarding 1982 debris flow landslide activity.
0 1000 2000 3000
Source: U.S. Geological Survey, 1983.
Source: NR-1

FIGURE X-E

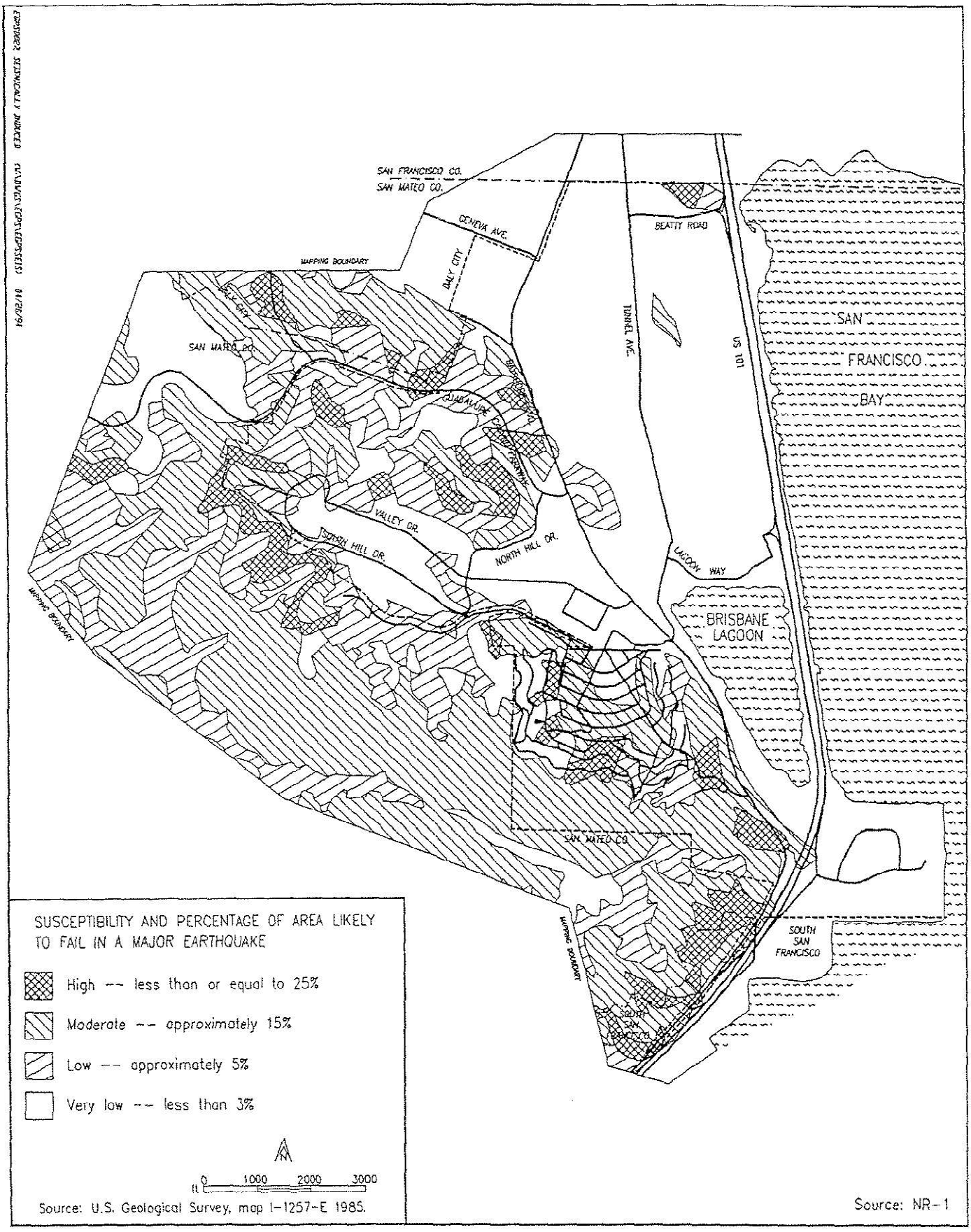

SAN FRANCISCO CO.
SAN MATEO CO.
GENEVA AVE.
BEATTY ROAD
DALY CITY
MAPPING BOUNDARY
TUNNEL AVE.
US 101
SAN FRANCISCO BAY
SAN MATEO RD.
BAYSHORE BLVD.
OLABAMA
VALLEY DR.
SOUTH HILL DR.
NORTH HILL DR.
LAGOON WAY
BRISBANE LAGOON
SAN MATEO CO.
SOUTH SAN FRANCISCO
SUSCEPTIBILITY AND PERCENTAGE OF AREA LIKELY TO FAIL IN A MAJOR EARTHQUAKE
High -- less than or equal to 25%
Moderate -- approximately 15%
Low -- approximately 5%
Very low -- less than 3%
0 1000 2000 3000
Source: U.S. Geological Survey, map I-1257-E 1985.
Source: NR-1

FIGURE X-F

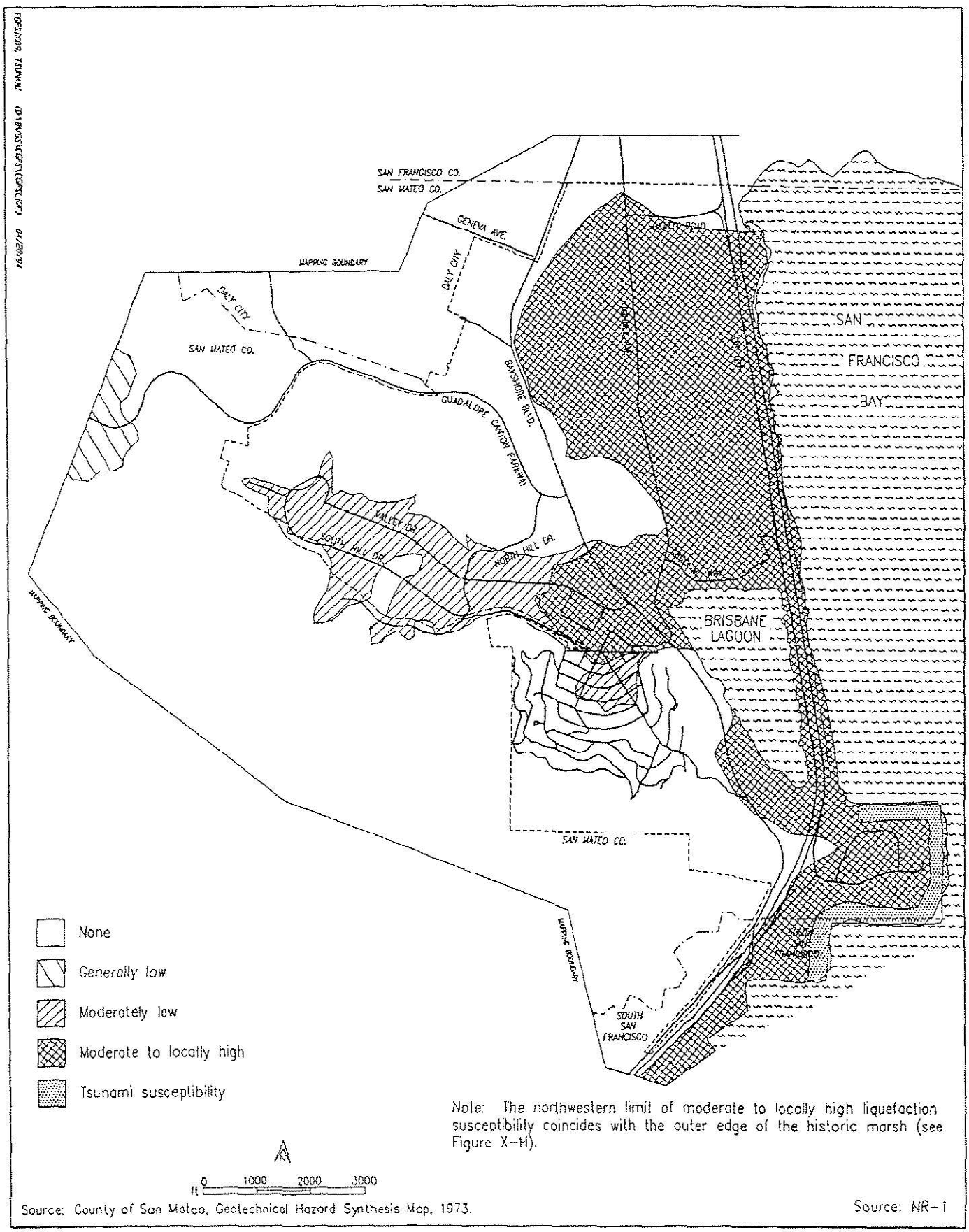

SAN FRANCISCO CO.
SAN MATEO CO.
GENEVA AVE.
BOCCIO ROAD
MAPPING BOUNDARY
DALY CITY
DALY CITY
SAN MATEO CO.
BAYSHORE BLVD.
GUADALUPE CANYON PARKWAY
SAN FRANCISCO BAY
VALLEY DR.
SOUTH HILL DR.
NORTH HILL DR.
BRISBANE LAGOON
MAPPING BOUNDARY
SAN MATEO CO.
MAPPING BOUNDARY
SOUTH SAN FRANCISCO
None
Generally low
Moderately low
Moderate to locally high
Tsunami susceptibility
0 1000 2000 3000
ft
Note: The northwestern limit of moderate to locally high liquefaction susceptibility coincides with the outer edge of the historic marsh (see Figure X-H).
Source: County of San Mateo, Geotechnical Hazard Synthesis Map, 1973.
Source: NR-1

FIGURE X-H

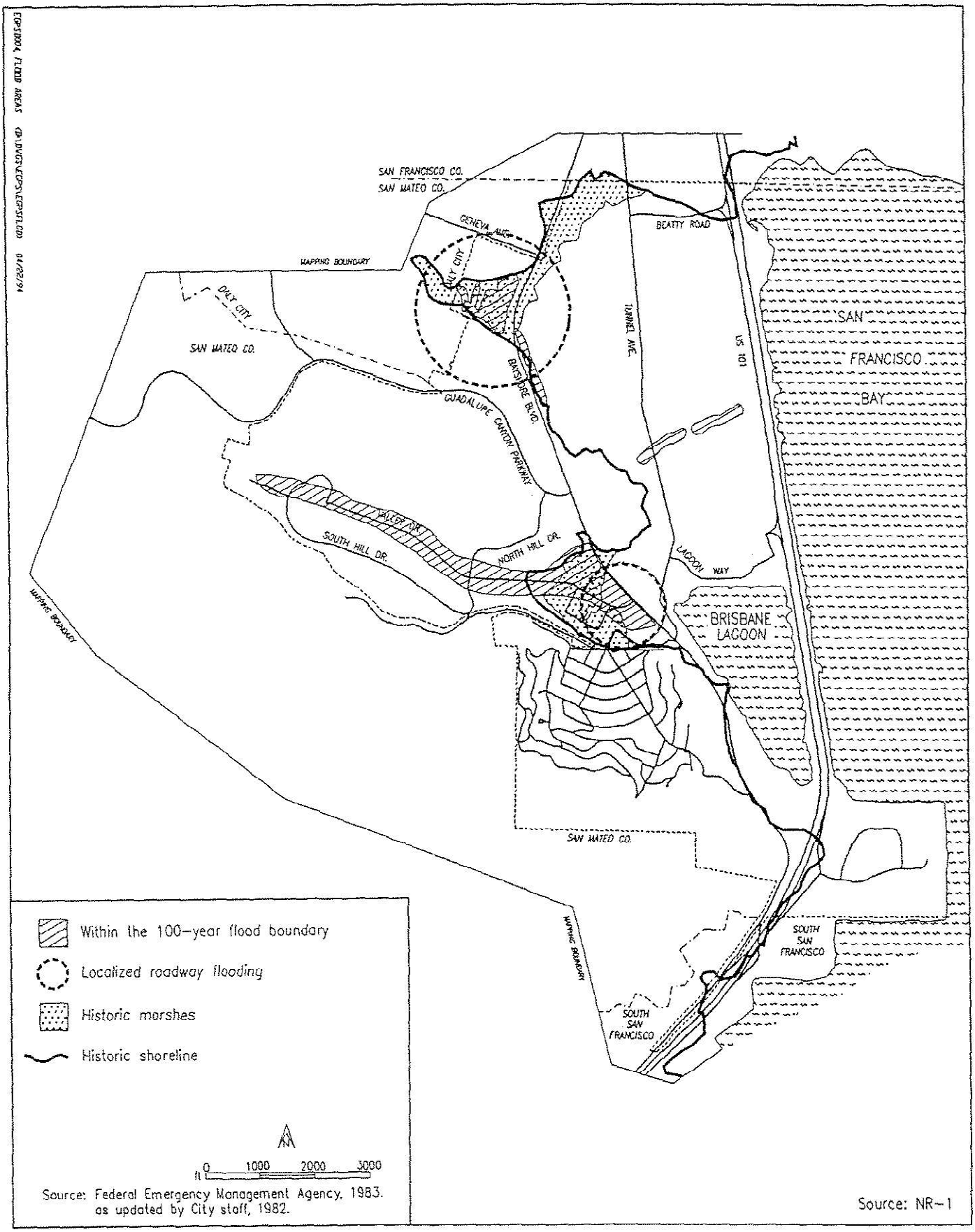

SAN FRANCISCO CO.
SAN MATEO CO.
GENEVA AVE.
BEATTY ROAD
MAPPING BOUNDARY
DALY CITY
SAN MATEO CO.
TUNNEL AVE.
US 101
SAN FRANCISCO BAY
BAYSHORE BLVD.
GUADALUPE CANYON PARKWAY
SOUTH HILL DR.
NORTH HILL DR.
LAGOON WAY
BRISBANE LAGOON
SAN MATEO CO.
SOUTH SAN FRANCISCO
SOUTH SAN FRANCISCO
Within the 100-year flood boundary
Localized roadway flooding
Historic marshes
Historic shoreline
0 1000 2000 3000
ft
Source: Federal Emergency Management Agency, 1983, as updated by City staff, 1982.
Source: NR-1

FIGURE X-1

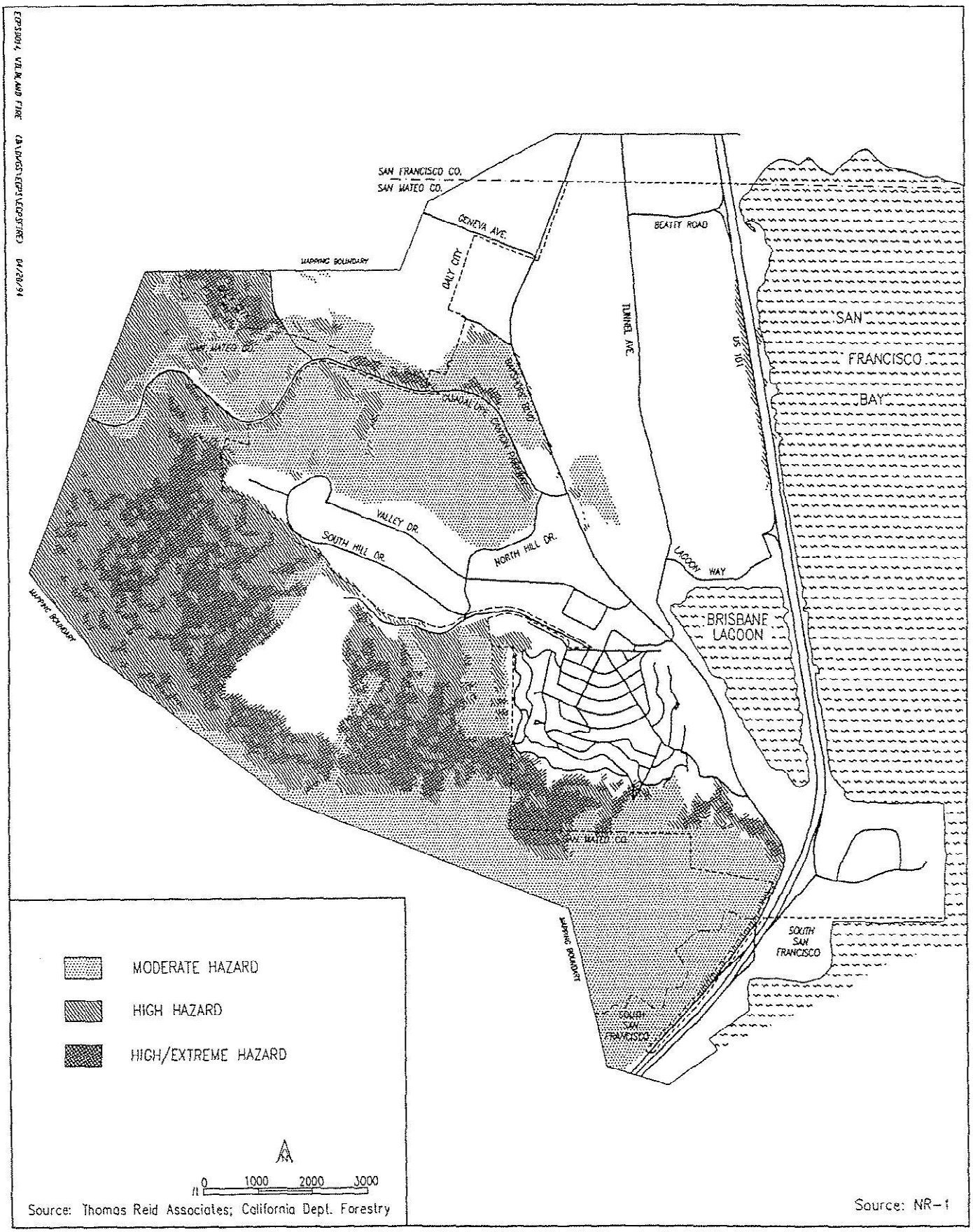

SAN FRANCISCO CO.
SAN MATEO CO.
GENEVA AVE.
BEATTY ROAD
DALY CITY
MAPPING BOUNDARY
TUNNEL AVE.
SR 101
SAN FRANCISCO BAY
SAN MATEO CO.
VALLEY DR.
SOUTH HILL DR.
NORTH HILL DR.
LAGOON WAY
BRISBANE LAGOON
MAPPING BOUNDARY
SAN MATEO CO.
SOUTH SAN FRANCISCO
SOUTH SAN FRANCISCO
MODERATE HAZARD
HIGH HAZARD
HIGH/EXTREME HAZARD
0 1000 2000 3000
Source: Thomas Reid Associates; California Dept. Forestry
Source: NR-1

FIGURE X-J

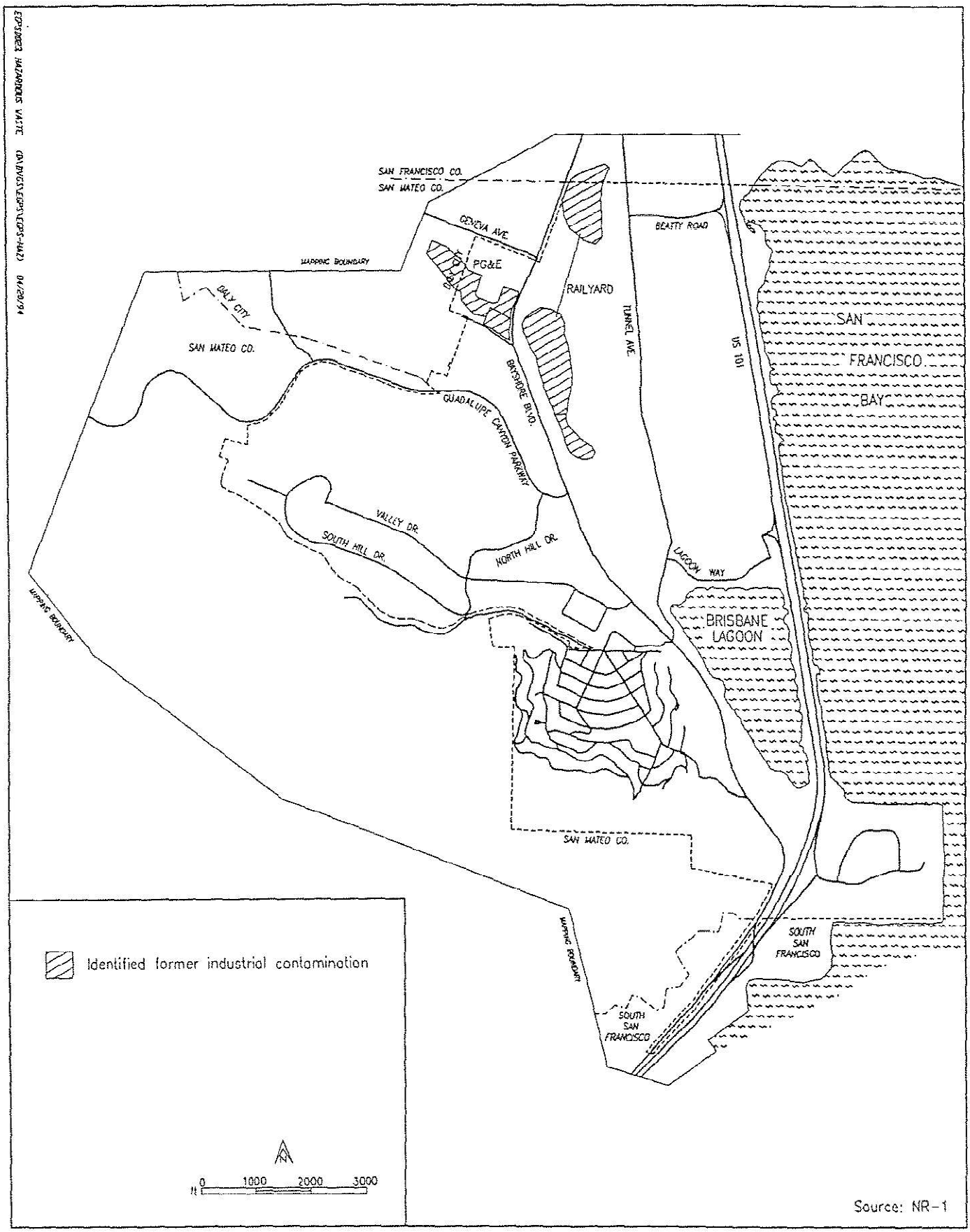

SAN FRANCISCO CO.
SAN MATEO CO.
GENOVA AVE.
MAPPING BOUNDARY
PG&E
RAILYARD
BEATTY ROAD
DALY CITY
SAN MATEO CO.
BAYSHORE BLVD.
TUNNEL AVE.
US 101
SAN FRANCISCO BAY
GUADALUPE CANYON PARKWAY
VALLEY DR.
SOUTH HILL DR.
NORTH HILL DR.
LAGOON WAY
BRISBANE LAGOON
MAPPING BOUNDARY
SAN MATEO CO.
MAPPING BOUNDARY
SOUTH SAN FRANCISCO
SOUTH SAN FRANCISCO
Identified former industrial contamination
0 1000 2000 3000
Source: NR-1

FIGURE X-K

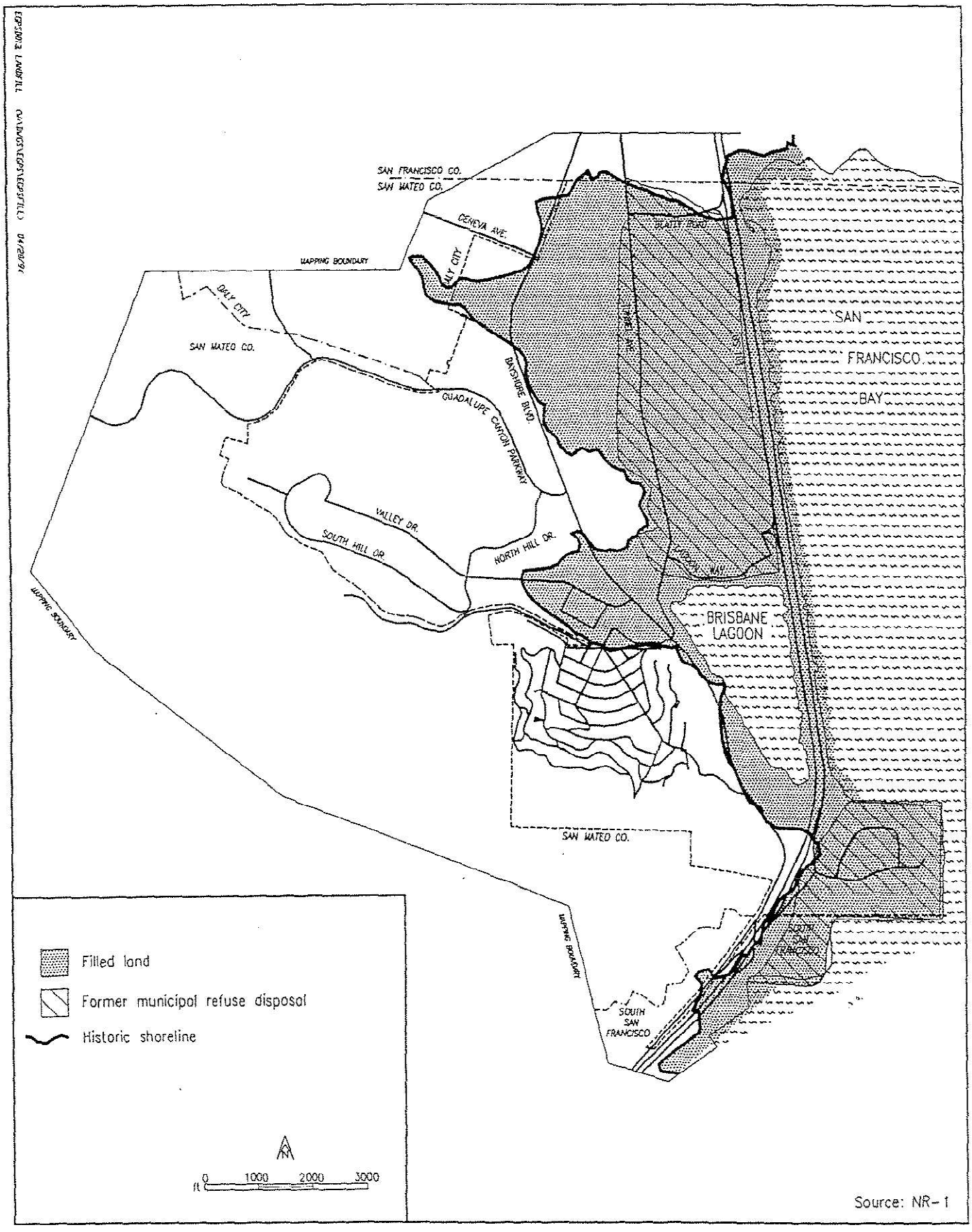
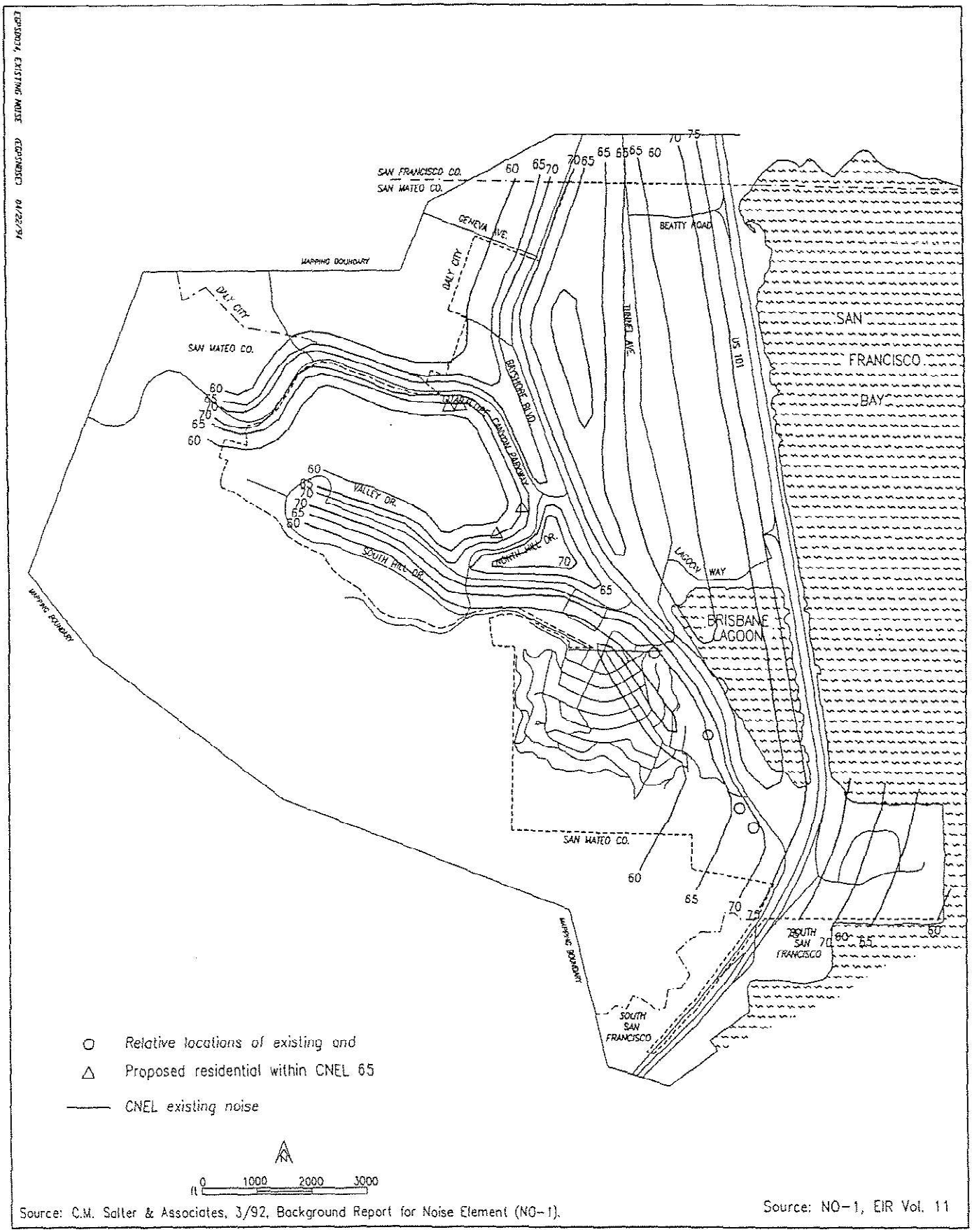

SAN FRANCISCO CO.
SAN MATEO CO.
GENEVA AVE.
SEAPLANE BLVD.
MAPPING BOUNDARY
DALY CITY
DALY CITY
SAN MATEO CO.
BAYSHORE BLVD.
GUADALUPE CANYON PARKWAY
SAN FRANCISCO BAY
VALLEY DR.
SOUTH HILL DR.
NORTH HILL DR.
BRISBANE LAGOON
MAPPING BOUNDARY
SAN MATEO CO.
MAPPING BOUNDARY
SOUTH SAN FRANCISCO
Filled land
Former municipal refuse disposal
Historic shoreline
0 1000 2000 3000
ft
Source: NR-1

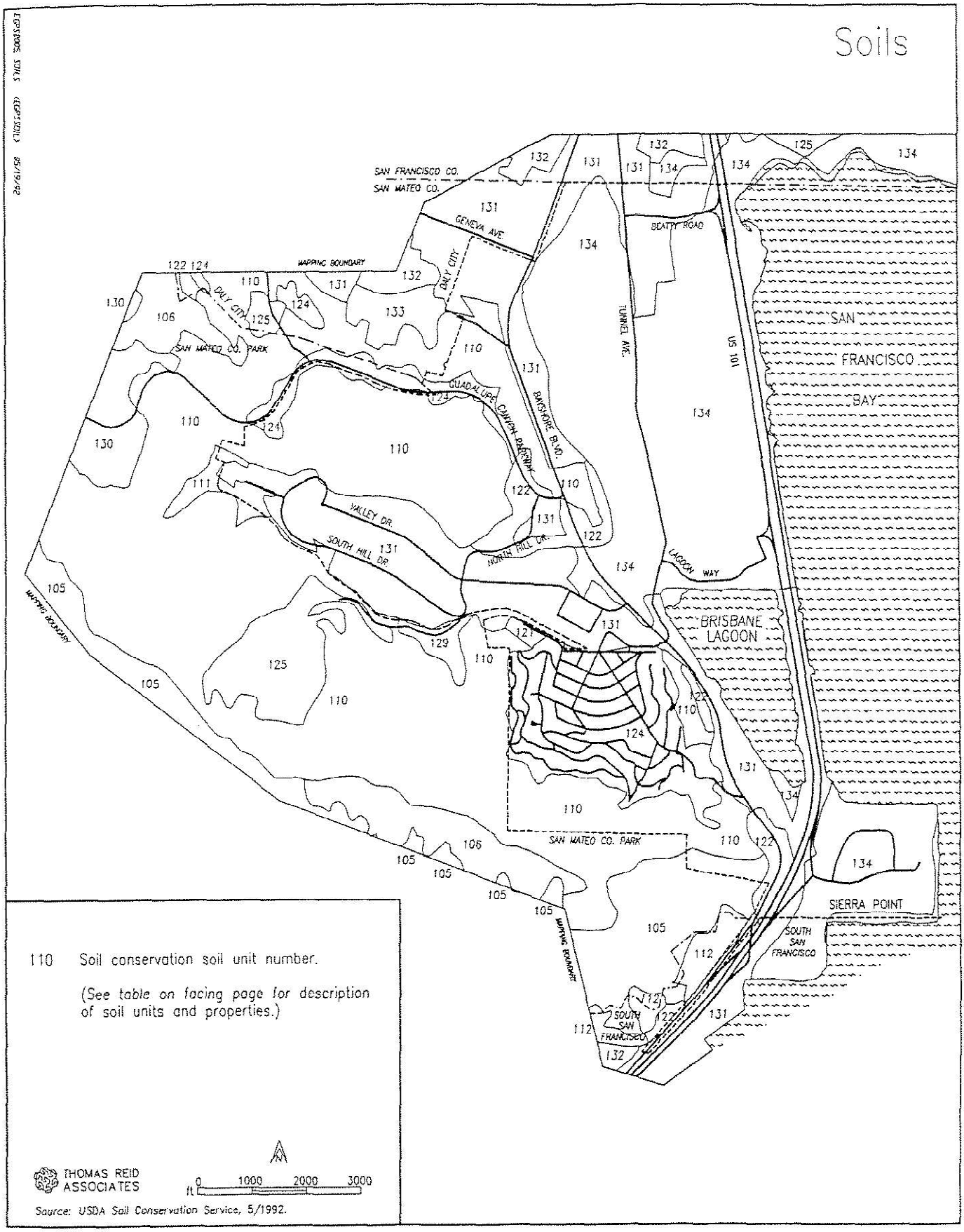
FIGURE X-L



Source: C.M. Salter & Associates, 3/92, Background Report for Noise Element (NO-1).

Source: NO-1, EIR Vol. 11

MAP GEOLOGY-2, SOILS



No.	Name	Runoff Rating	Erosion Rating	Recommendations for Use; Limitations for Use	general topography
105	Barnabe-Candlestick complex, 30-75% slopes	rapid or very rapid	high or very high	watershed, habitat, recreation; severe limitations for homesite and local roads due to possible slippage, slopes, shallow depth to bedrock	coastal uplands
106	Barnabe-Rock outcrop complex, 15-75% slopes	rapid or very rapid	high or very high	watershed, habitat, recreation; severe limitations for homesite and local roads due to slopes, shallow depth to bedrock	coastal uplands
110	Candlestick-Kron-Buriburi complex, 35-70% slopes	rapid or very rapid	high or very high	watershed, habitat, recreation, homesite; severe limitations for homesite and local roads due limitations of slope, shallow depth to bedrock, slippage.	coastal uplands
111	Candlestick Varient loam, 2-15% slopes	slow to medium	slight to moderate	watershed, habitat, recreation, homesite; moderate homesite limitations from slope, shrink swell potential. Severe local road limitations from low strength from high water capacity.	alluvial fans
112	Candlestick Varient loam, 15-30% slopes	rapid	high	watershed, habitat, recreation, homesite; severe homesite/local road limitations due to slope, moderate shrink swell potential. Severe local road limitation due to low strength from high water capacity.	alluvial fans
121	Orthents, cut and fill, 0-15% slopes	medium	moderate	recreational development	alluvial fans, coastal terraces and hills
122	Orthents, cut and fill, 15-75% slopes	rapid or very rapid	high or very high	urban development, including support structures for roads and buildings	upland soils residuum sandstone
124	Orthents, cut and fill, 5-75% slopes	medium to very rapid	moderate to very high	homesite and urban development; possible slope limitations and presence of variable fill qualities	uplands
125	Pits and dumps			quarries	
130	Typic Argiustolls, Urban land association, 5-15% slopes	medium	moderate	recreation, urban and homesite; moderate to high shrink swell potential	coastal terraces
131	Urban land, 0-30%			homesite, urban and recreational	
132	Urban land-Orthents, cut and fill complex, 0-5% slopes	slow	slight	homesite, urban, recreational	coastal terraces/ alluvial fans
133	Urban land-Orthents, cut and fill complex, 5-75% slopes	medium to very rapid	moderate to very high	homesite, urban, recreational; slope and shallow soils	uplands
134	Urban land-Orthents, reclaimed complex, 0-2% slopes	slow	low	homesite, urban and recreational; all fill soils, may be mixed with solid waste/construction debris, subsidence hazard, high water table in areas, some areas water table is subject to tidal action	former bay and tidal lands
135	Urban land-Orthents, smoothed complex, 5-50% slopes	medium to rapid	moderate to high	homesite, roads and streets, urban and recreational; slope and shallow depth to soft bedrock	coastal terraces, hills and *ridgetops*