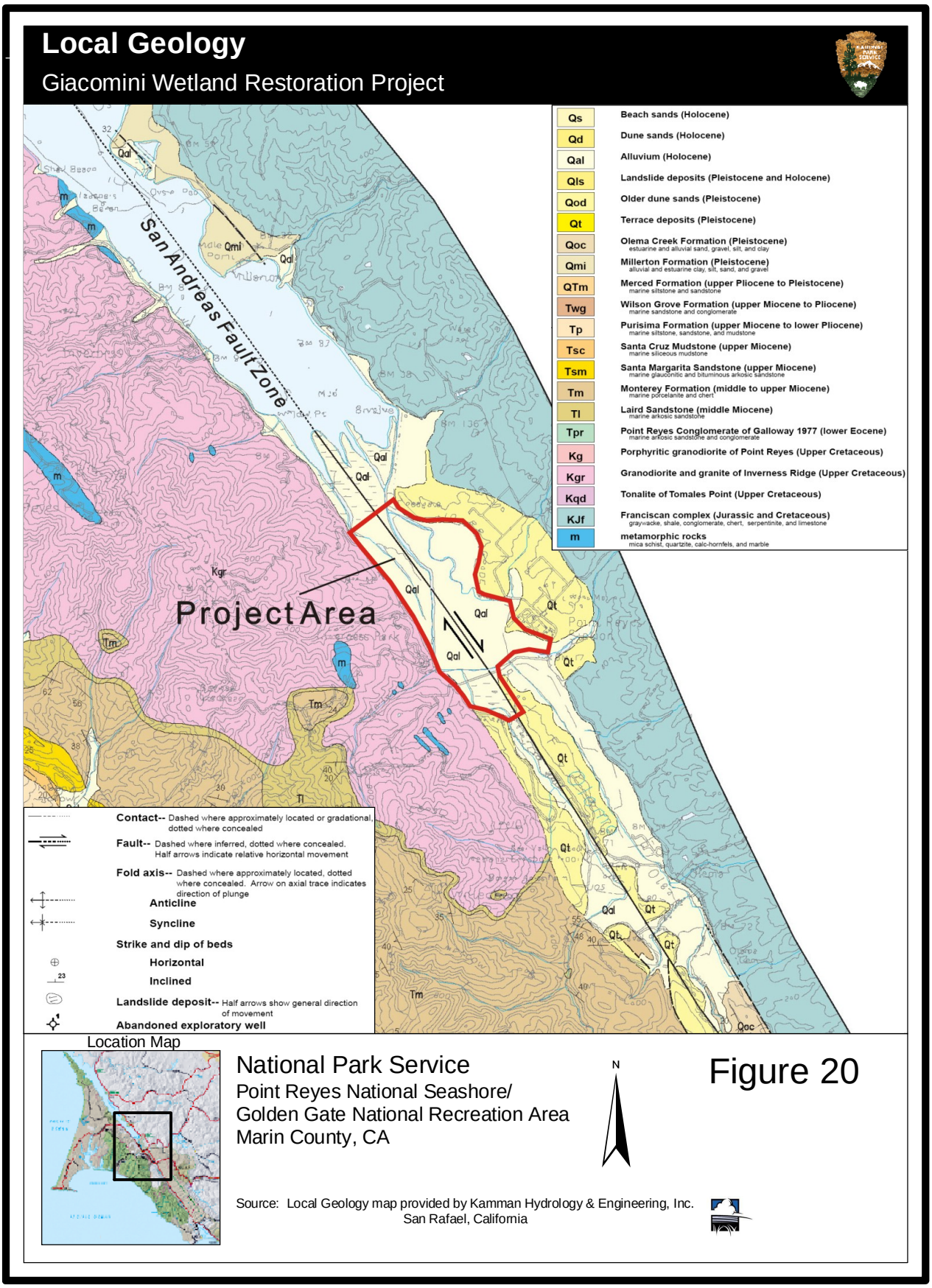
Local Geology
Giacomini Wetland Restoration Project
Qs Beach sands (Holocene)
Qd Dune sands (Holocene)
Qal Alluvium (Holocene)
Qls Landslide deposits (Pleistocene and Holocene)
Qod Older dune sands (Pleistocene)
Qt Terrace deposits (Pleistocene)
Qoc Olema Creek Formation (Pleistocene) estuarine and alluvial sand, gravel, silt, and clay
Qmi Millerton Formation (Pleistocene) alluvial and estuarine clay, silt, sand, and gravel
QTm Merced Formation (upper Pliocene to Pleistocene) marine siltstone and sandstone
Twg Wilson Grove Formation (upper Miocene to Pliocene) marine sandstone and conglomerate
Tp Purisima Formation (upper Miocene to lower Pliocene) marine siltstone, sandstone, and mudstone
Tsc Santa Cruz Mudstone (upper Miocene) marine siliceous mudstone
Tsm Santa Margarita Sandstone (upper Miocene) marine glauconitic and bituminous arkosic sandstone
Tm Monterey Formation (middle to upper Miocene) marine porcelanite and chert
Tl Laird Sandstone (middle Miocene) marine arkosic sandstone
Tpr Point Reyes Conglomerate of Galloway 1977 (lower Eocene) marine arkosic sandstone and conglomerate
Kg Porphyritic granodiorite of Point Reyes (Upper Cretaceous)
Kgr Granodiorite and granite of Inverness Ridge (Upper Cretaceous)
Kqd Tonalite of Tomales Point (Upper Cretaceous)
KJf Franciscan complex (Jurassic and Cretaceous) graywacke, shale, conglomerate, chert, serpentinite, and limestone
m metamorphic rocks mica schist, quartzite, calc-hornfels, and marble
San Andreas Fault Zone
Project Area
Contact-- Dashed where approximately located or gradational, dotted where concealed
Fault-- Dashed where inferred, dotted where concealed. Half arrows indicate relative horizontal movement
Fold axis-- Dashed where approximately located, dotted where concealed. Arrow on axial trace indicates direction of plunge
Anticline
Syncline
Strike and dip of beds
Horizontal
Inclined
Landslide deposit-- Half arrows show general direction of movement
Abandoned exploratory well
Location Map
National Park Service
Point Reyes National Seashore/
Golden Gate National Recreation Area
Marin County, CA
N
Figure 20
Source: Local Geology map provided by Kamman Hydrology & Engineering, Inc.
San Rafael, California