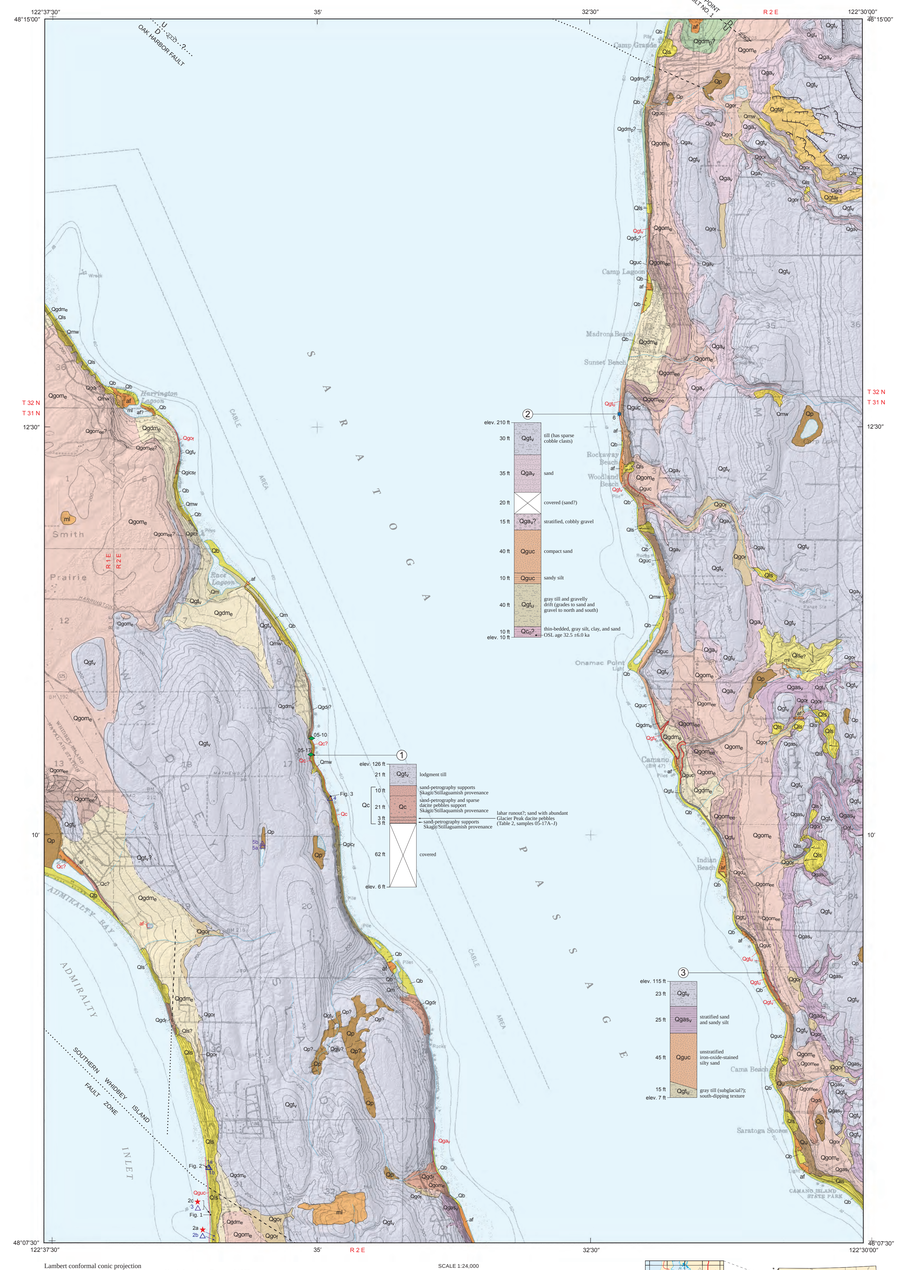
WASHINGTON STATE DEPARTMENT OF
Natural Resources
Peter Goldmark - Commissioner of Public Lands
Division of Geology and Earth Resources
David K. Norman - State Geologist

WASHINGTON DIVISION OF GEOLOGY AND EARTH RESOURCES
GEOLOGIC MAP GM-68
Camano 7.5-minute Quadrangle
February 2009


122°37'30"
35'
32'30"
R 2 E
122°30'00"
48°15'00"
48°07'30"
T 32 N
T 31 N
12'30"
UTSALADY POINT FAULT
U - Usalady - ?
OAK HARBOR FAULT
SOUTHERN, WHIDBEY ISLAND
FAULT ZONE
ADMIRALTY BAY
Camp Eagles
Camp Lagoon
Madrona Beach
Sunset Beach
Rockaway Beach
Woodstock Beach
Camano Head
Onamac Point
Indian Beach
Saratoga Passage
Camano Island State Park
CAMANO ISLAND STATE PARK
Smith Prairie
Fig. 2
Fig. 3
Lambert conformal conic projection
North American Datum of 1927; to place on North American Datum of 1983, move the projection lines approximately 17.66 meters south and 54.93 meters east as shown by crosshair corner ticks
Base map from scanned and rectified U.S. Geological Survey Camano 7.5-minute quadrangle, 1953, photorevised 1968, photoinspected 1978
Shaded relief generated from a bare-earth digital elevation model (available from Puget Sound Lidar Consortium, http://pugetsoundlidar.ess.washington.edu), using sun azimuth 315°; sun angle 45°; vertical exaggeration 6x
Digital cartography and GIS by Anne C. Heinitz, Elizabeth E. Thompson, J. Eric Schuster, Charles G. Caruthers, and Robert H. Berwick
Editing and production by Jaretta M. Roloff and Karen D. Meyers
SCALE 1:24,000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
METER
KILOMETER
contour interval 20 feet
depth contours in feet—datum is mean lower low water
APPROXIMATE MEAN DECLINATION, 2009
This geologic map was funded in part by the U.S. Geological Survey National Cooperative Geologic Mapping Program.
elev. ~14 ft
Post dips ~11° (apparent) down to north. Reason for dip not known (due to insufficient exposure)
elev. ~6 ft
elev. ~64 ft
~7 ft
~3.5 ft
~1.5 ft
~0 ft
~3 ft
~6 ft
~9 ft
~12 ft
~15 ft
A. unit Qfs
B. Stratified sand and fines (marine?)
C3. Cobbles with matrix of diamicton—glaciomarine?
C2. Stony diamicton (Qdmfs)
D. Glaciomarine(?) stony diamicton with abundant shells
D. Glaciomarine(?) stony diamicton with abundant shells and pebble gravel
E. Sandy, silty gravel with boulders of silt, clay, and diamicton (pre-Fraser lateral-spread deposit?); see also Figure 1
elev. ~10 ft
top of beach (elev. 7 ft) is 3 ft below base of photo
Qbs
Qc
Qmw
Qpt
Qpo
Qpo
Qpo