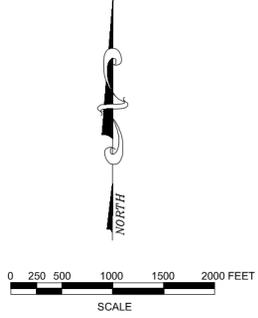
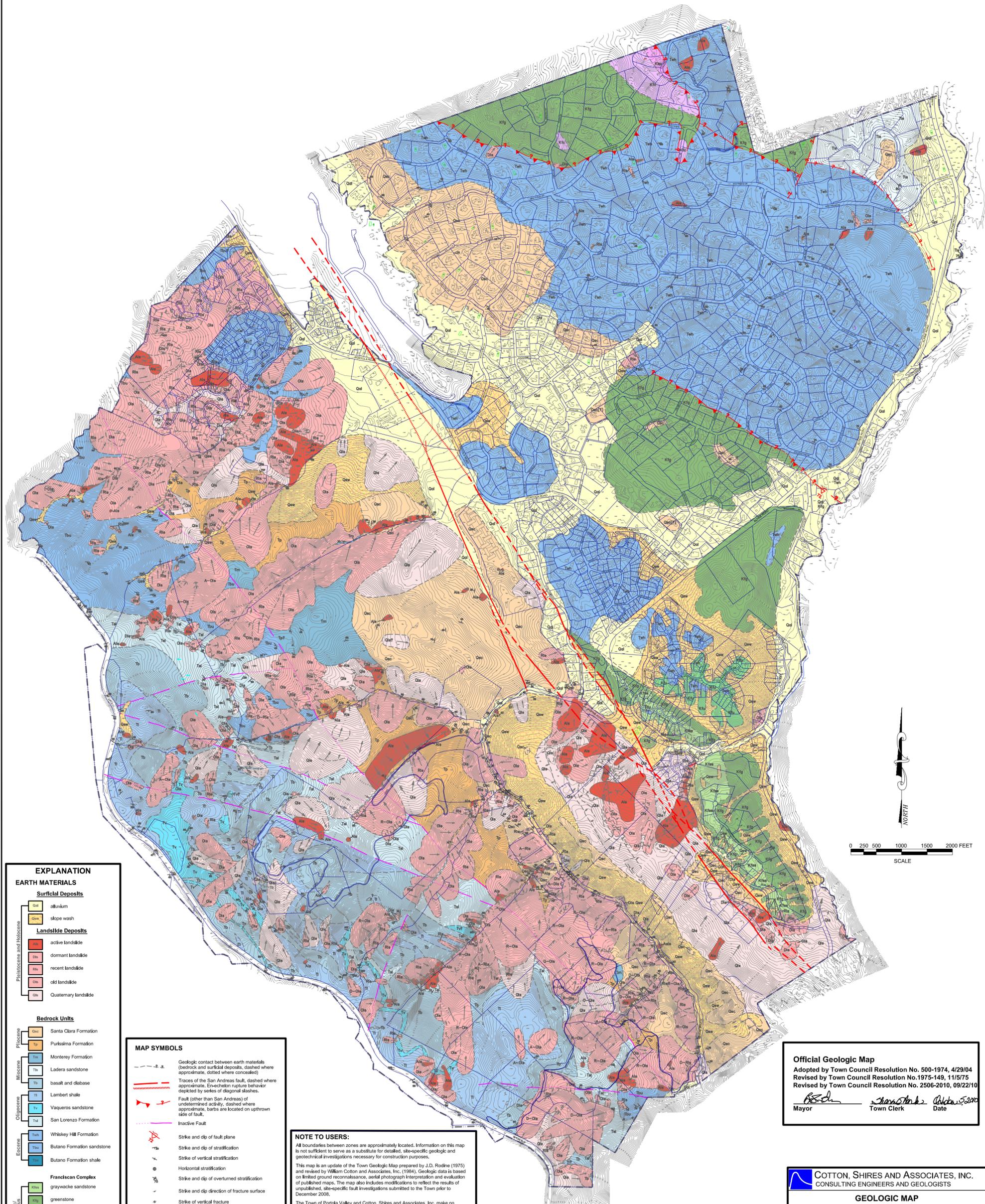


GEOLOGIC MAP

Town of Portola Valley, California



EXPLANATION

EARTH MATERIALS

Surficial Deposits

Qal	alluvium
Qsw	slope wash

Landslide Deposits

Lak	active landslide
Lds	domant landslide
Lrs	recent landslide
Lts	old landslide
Lqs	Quaternary landslide

Bedrock Units

Qsc	Santa Clara Formation
Qps	Purisima Formation
Mm	Monterey Formation
Ls	Ladera sandstone
Ld	basalt and diabase
Ll	Lambert shale
Vs	Vaqueros sandstone
Sf	San Lorenzo Formation
Wh	Whiskey Hill Formation
Bf	Butano Formation sandstone
Bs	Butano Formation shale

Franciscan Complex

Gr	graywacke sandstone
Gn	greenstone
Ch	chert
Sr	serpentinite
Fc	Franciscan Complex undifferentiated

MAP SYMBOLS

— — — — —	Geologic contact between earth materials (bedrock and surficial deposits, dashed where approximate, dotted where concealed)
— — — — —	Traces of the San Andreas fault, dashed where approximate, En-echelon rupture behavior depicted by series of diagonal slashes
— — — — —	Fault (other than San Andreas) of undetermined activity, dashed where approximate, bars are located on upthrown side of fault
— — — — —	Inactive Fault
— — — — —	Strike and dip of fault plane
— — — — —	Strike and dip of stratification
— — — — —	Strike of vertical stratification
— — — — —	Horizontal stratification
— — — — —	Strike and dip of overturned stratification
— — — — —	Strike and dip direction of fracture surface
— — — — —	Strike of vertical fracture
— — — — —	Boundary of landslide deposit, arrows show direction of movement
— — — — —	Trace of axial plane of syncline
— — — — —	Trace of axial plane of anticline

NOTE TO USERS:

All boundaries between zones are approximately located. Information on this map is not sufficient to serve as a substitute for detailed, site-specific geologic and geotechnical investigations necessary for construction purposes.

This map is an update of the Town Geologic Map prepared by J.D. Rodine (1975) and revised by William Cotton and Associates, Inc. (1994). Geologic data is based on limited ground reconnaissance, aerial photograph interpretation and evaluation of published maps. The map also includes modifications to reflect the results of unpublished, site-specific fault investigations submitted to the Town prior to December 2009.

The Town of Portola Valley and Cotton, Shires and Associates, Inc. make no representation or warranties regarding the accuracy of the data from which this map was derived. Depicted Town and parcel boundaries are approximate and based on preliminary information. Absence of appropriate symbols (i.e. landslides, faults, etc.) from any part of this map may not be used to prove the absence of these features. Additional explanation and description of units may be found in *Geology and Movement Potential within the Town of Portola Valley, California*, by J.D. Rodine (1975).

Please see Town website at www.portolavalley.net for latest map revisions.

Official Geologic Map
 Adopted by Town Council Resolution No. 500-1974, 4/29/04
 Revised by Town Council Resolution No. 1975-149, 11/5/75
 Revised by Town Council Resolution No. 2506-2010, 09/22/10

Mayor: *[Signature]*
 Town Clerk: *[Signature]*
 Date: *[Signature]*

COTTON, SHIRES AND ASSOCIATES, INC. CONSULTING ENGINEERS AND GEOLOGISTS		
GEOLOGIC MAP Town of Portola Valley San Mateo County, California		
GEO/ENG BY TS	SCALE 1"=500'	PROJECT NO. G0088
APPROVED BY JW	DATE SEPTEMBER 2010	SHEET NO. 1 OF 1