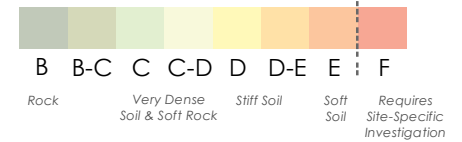# Oak Harbor Fire Department

National Earthquake Hazard Reduction Program (NEHRP) Soil Classification

Increasing Amplification of Ground Shaking →

B	B-C	C	C-D	D	D-E	E	F

Rock

Very Dense Soil & Soft Rock

Stiff Soil

Soft Soil

Requires Site-Specific Investigation

Soil classification data provided by the Washington State Department of Natural Resources - Division of Geology & Earth Resources. This data has been published at a scale of 1:100,000.

The dataset identifies site classes for approximately 33,000 polygons derived from the geologic map of Washington State. The methodology chosen for developing the site class map required the construction of a database of shear wave velocity measurements. This database was created by compiling shear wave velocity data from published and unpublished sources, and through the collection of a large number of shear wave velocity measurements from seismic refraction surveys conducted for this project. All of these sources of data were then analyzed using the chosen methodologies to produce the statewide site class data.

TETRA TECH

BRIDGEVIEW CONSULTING

0   1   2 Miles

Map labels

Frostad Rd

Taylor Rd

Fakkema Rd

20

Ault Field Rd

Silver Lake Rd

Golf Course Rd

Heller Rd

Oak Harbor Rd

Goldie Rd

NE Goldie St

NE Regatta Dr

Crosby Rd

Crosby Rd

NW Crosby Ave

N Oak Harbor St

Crescent Harbor Rd

Crescent Harbor Rd

Reservation Rd

Swantown Rd

SW Heller St

Heller St

Fort Nugent Rd

Boon Rd

Miller Rd

Monroe Landing Rd

Scenic Heights Rd

Arnold Rd