

**DRAFT Representative Geologic Materials in the Everett-Seattle-Tacoma Area**

Representative Geologic Deposit**	Typ Map Symbols	Typ USC/grain size	Typ Structure	Vs (if est.)	Loose Soft	Medium Stiff	Dense Hard	Boring Log?	Geology source	Strong Ground Motion Station Sites*
Fill	mf, m, f, af, gr	variable	variable		x	x	x			BOE, HAK, HAR, HAW, NOWS, TBPA, UNK
Fill/peat										
Fill/loose sand										
Fill/medium dense strat										
Fill/dense strata										
Fill/?										
Peat	pt, m,	PT, OL	bedded		x					
Beach Deposits	Qb, Hb	silt, sand, gravel	crudely bedded		x	x				
Tideflats	Qtf, tf	ML, OL, SM	laminated		x	x				
Mass Wastage Deposits	Qmw, mw, ls, Qls	variable, silty	jumbled		x	x				ELW
Lake Deposits		ML, OL, SM, SP	laminated		x					
Deltas		silt, sand, gravel	cross/horiz bedded		x	x				
Alluvium	Qal	silt, sand, gravel	bedded		x	x				BRKS, KINR, TKCO, WYN?
Mudflow	om, Qom	silt, sand, gravel	jumbled		x	x				
Glaciomarine Drift	gmd	silty, clayey diamict, frac	none to crudely bedded		x	x	x			
Recessional Outwash	Qvr	sand, gravel	bedded		x	x				ALCT, CSEN, EARN, KIMR, MURR, PCEP, RAW, STAN
Recessional Lake Deposits	Qvrl	clayey, silty	laminated to bedded		x	x				
Recessional Lake Deposits	Qvrl	sandy, silty	laminated to bedded		x	x				
Ice-Contact Deposits	Qvi	variable	variable		x	x	x			TTW
Vashon till	Qvt	sandy, silty diamict, frac	none to crudely bedded				x			FINN, KIMB, KITP, LAP, LEOT, MPL, PNLK, RBEN, RHAZ, SEA?, SP2, SPW, TES?, UPS, WISC
Esperance Sand	Qe, Qva	sand, gravel	massive to bedded				x			EAK, HAN, HOLY, LAWT, MARY, QAW, WEK, WIN
Lawton Clay	Qvlc, Qc	clay, silt, frac	laminated to bedded				x			
Pre-Vashon Deposits	pQv	variable	variable				x			
Sed/Vol Bedrock	Bx, Tu	variable, frac	variable			x	x			ERW?, SEW
Intrusive Bedrock	Bx, Ti, Tu	variable, frac	variable				x			GNW
* not all stations are listed										
** the surficial geologic unit,										