

FIGURE 1

TABLE OF SURFICIAL DEPOSITS

ENVIRONMENTAL DIVISIONS AND DESCRIPTIONS

GEOLOGICAL SURVEY OF CANADA

GROUP OR INTERVAL	GLACIAL DEPOSITS				MARINE DEPOSITS	MARINE AND NON-MARINE DEPOSITS				
	GLACIAL	GLACIO-FLUVIAL	GLACIO-LACUSTRINE	GLACIO-MARINE	OFF SHORE	DELTAIC	CHANNEL AND FLOOD PLAIN	SLOPEWASH	WINDBLOWN	SWAMP
SALISH (Post-glacial deposits still being formed; in part overlap Capilano deposits)						Non-marine delta deposits: gravel and sand (50'+)	FRASER FLOOD PLAIN DEPOSITS: silty clay, clayey silt, silt, sand-silt, and sand (50'+) indistinguishable from underlying Cloverdale sediments	SLOPEWASH DEPOSITS: silt, sand, gravel (25'); includes fan deposits of similar materials (50'+)		
CAPILANO (Post-Vashon non-glacial deposits no longer being formed; in part contemporaneous with, and in part younger than Sumas)									DUNE SAND: windblown sand deposited by westerly winds blowing across Abbotsford outwash (40')	SWAMP DEPOSITS: peat, muck, and organic clay (60')
	SUMAS (Post-Vashon glacial deposits related to valley ice)	ABBOTSFORD OUTWASH: recessional outwash including pitted outwash sand and gravel (125); ice contact gravel and sand containing lenses of till and of glacio-marine deposits (50'+)	Clayey silt, silt, silty clay, and minor sand and gravel (250')		CLOVERDALE SEDIMENTS: clay, silty clay, silt and minor sand, gravel and poorly sorted till-like mixtures (900'+)					
		SUMAS TILL: sandy till and stratified drift (60')								
				WHATCOM GLACIO-MARINE DEPOSITS: marine drift; stony silty clay, clay, silt, minor sand and gravel (300')						
							HUNTINGDON GRAVEL: gravel and sand (100'+), underlies Whatcom glacio-marine deposits; in places overlies an older glacio-marine deposit which may be Newton stony clay			
VASHON (Deposits of last glaciation of ice-sheet proportions)				NEWTON STONY CLAY: marine drift; poorly sorted till-like mixtures, stony clayey silt, and minor silt, clay, sand and gravel (200'+); in place stratigraphically indistinguishable from Whatcom glacio-marine deposits						
	SURREY TILL: sand, silty till and substratified drift (75')									
EROSION INTERVAL. CONSIDERABLE RELIEF DEVELOPED ON UNDERLYING DEPOSITS										
PRE-VASHON	GLACIAL, MARINE AND NON-MARINE DEPOSITS. PROBABLY IN A LARGE PART EQUIVALENT TO DEPOSITS OF SEMIAMU, QUADRA AND SEYMOUR GROUPS, FOUND EXPOSED IN AREAS TO THE WEST. EXPOSED ONLY IN DEEP DRILL HOLES. IN THIS AREA									
TERTIARY	SANDSTONE, SILTSTONE, SHALE, CONGLOMERATE, AND MINOR VOLCANIC ROCKS (10,000± FEET)									

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Note: Numbers in parentheses are maximum thicknesses in feet

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Figure 1