

**Table 6-8 Summary of Pump Test Results  
EAST CONTRACT**  
Brightwater Conveyance System

Location	Pumping Well	Bottom of Screen Depth <sup>a</sup> (ft)	Elevation (ft) <sup>b</sup>	Geologic Unit	Soil Types	Transmissivity		Hydraulic Conductivity (cm/sec)	Storage Coefficient
						(ft <sup>2</sup> /min)	(gpd/ft)		
<b>NORTH CREEK PORTAL SITE</b>									
North Creek Portal (P41)	W41-01	145.5	(15.7)	Vashon recessional fluvial deposits (Qvrf)	Gravelly sand to sandy gravel, trace to slightly silty	2.9	27,000	3.2 x 10 <sup>-2</sup>	1.5 x 10 <sup>-5</sup>

Notes:

a) The length of the screen is typically 10 feet.

b) Vertical datum = Metro. All locations surveyed to +/- 0.1 foot accuracy with the exception of some off alignment borings (noted as scaled on the log) which were estimated.

**Table 6-8 Summary of Pump Test Results**  
**CENTRAL CONTRACT**  
Brightwater Conveyance System

Location	Pumping Well	Bottom of Screen Depth <sup>a</sup> (ft)	Elevation (ft) <sup>b</sup>	Geologic Unit	Soil Types	Transmissivity		Hydraulic Conductivity (cm/sec)	Storage Coefficient
						(ft <sup>2</sup> /min)	(gpd/ft)		
<b>BRIGHTWATER TUNNEL 3 <sup>c</sup></b>									
Lake Forest Park Water District	Production Wells #1 and #2			Pre-Fraser glacio-fluvial (Qpogf)	Sand and gravelly sand	0.5	5400	$7.4 \times 10^{-3}$	$1.2 \times 10^{-4}$
Lake Forest Park	TW-202 and TW-202A	129.0 and 123.4	475.0 and 482.0	Pre-Fraser glacio-lacustrine (Qpogl)	Silt and clay	$3 \times 10^{-5}$	0.33	$8 \times 10^{-7}$	$2 \times 10^{-3}$
<b>NORTH KENMORE PORTAL SITE</b>									
North Kenmore Portal Site	W44-01	122.2	56.4	Pre-Fraser nonglacial fluvial (Qpfnf)	Silty sand	0.24	2600	$6.2 \times 10^{-3}$	$1.5 \times 10^{-3}$

Notes:

- a) The length of the screen is typically 10 feet.
- b) Vertical datum = Metro. All locations surveyed to +/- 0.1 foot accuracy with the exception of some off alignment borings (noted as scaled on the log) which were estimated.
- c) The data presented here applies only to the portion of Brightwater Tunnel 3 approximately between stations 797+00 and 806+00.