

Horizon's Job #	Type of Project	Project Location	Senior Engineer	Description of Work Performed by me	Activity Code					Detail Task Break-Down							
					Field Assessment	Eng. Analysis	Letter / Report	Field Review	Proj. mngmnt	Seismic Analysis	Helical Field Review	CPT analysis	Shoring Design / Field Review	Other Num. Analysis	Slope Stability Analysis	Micropile Inst.	Pile Driving
106-1582	Commercial / Residential Development	Surrey: Morgan Crossing	KK	Subgrade review				*									
107-1824	Steveston Park Place	Richmond: ANAF Development	TI	Liquefaction analysis (training)		*				*							
107-1860	Mixed-use Development	North Vancouver: 3728 - 38 Mount Seymour Parkway	KS	Field review for anchors installation and testing				*			*						
107-1895	Residential Development	West Vancouver: 150 Stevens Drive	TI	A 60ft tall MSE wall design + field reviews during construction + preparations of sediment & erosion control plan		*		*		*							MSE wall design
107-1984	Mixed-use Development	Vancouver: Victoria Dr.	KK	Anchor testing (PTI)													
107-1999	Pedestrian Bridge	West Vancouver: Brothers Creek	KS	Field review for micropile installation and testing			*	*									*
107-2025	Mixed-use Development	New Westminister: 1032 Ewen Avenue	TI	Timber pile driving field review + preload settlement monitoring				*									*
107-2064	Computer 3D Modelling	Vancouver: 1338 Seymour St.	KS	3D modelling of geothermal wells and anchors with 4,8% wander using Google Sketchup & AutoCAD		*											
107-2074	Social Housing Development		KS	Anchor testing and report				*			*						
108-2092	Patient Outpatient Facilities	Surrey: 140th and Fraser Hwy	TI	Subgrade review				*									
108-2117	Commercial Development	Richmond: Broadmoor mall	KK	Helical pile installation field review + LPILE analysis + liquefaction analysis + stone column design + preload plan		*	*	*		*	*						LPILE
108-2187	Rona store building	Langley: 66th Avenue	TI	Drilling supervision + CPT testing + geotechnical report	*	*	*		*		*						
108-2210	Development	Surrey: 115th Keystone	KS	sediment & erosion control plan for decommissioning and field review + surveying		*		*									
108-2220	Health Center Building	Nazko Indian Res. (110km west of Quesnel)	KK	Geotechnical report			*										
108-2229	Single Family House	North Vancouver: 1829 Riverside Dr (DeltaLok)	KK	Slope remediation design using Deltalok walls		*											Deltalok design
108-2230	1 to 2 Storey Commercial Development	Maple Ridge: 22953-22965 Dewdney Trunk Rd	KK	Drilling supervision + log drafting	*												
108-2233	Sanitary Lift Station	Richmond: 8200 Ackroyd Pump Station	TI	Seepage analysis + field review during sheetpiling and pumping		*		*									dewatering
108-2241	ground improvement for hospital	Chilliwack: General Hospital	TI	Ground improvement using Impact Pier method	*	*	*	*	*	*							
108-2244	slope stability analysis	North Vancouver: Lower Seymour Conservation Reserve	KS	Field reconnaissance plus more than 10 slope stability analysis	*	*											*

Horizon's Job #	Type of Project	Project Location	Senior Engineer	Description of Work Performed by me	Activity Code					Detail Task Break-Down							
					Field Assessment	Eng. Analysis	Letter / Report	Field Review	Proj. mgmnt	Seismic Analysis	Helical Field Review	CPT analysis	Shoring Design / Field Review	Other Num. Analysis	Slope Stability Analysis	Micropile Inst.	Pile Driving
108-2248	2-storey addition to the existing house	North Vancouver: 2235 Riverside Drive	KK	Wildcat test & report + three ReSSA slope stability analysis (w/ geogrid)	*	*											*
108-2254	Yacht storage building	North Vancouver: Yacht Storage Building	TI	Becker drilling supervision + analysis for: converting BDT to SPT and liquefaction analysis at 3 boreholes	*	*	*			*							
108-2256	Generator Module & Storage Tank Installation	Vancouver: 3696 Kingsway Western Oil	RNG	Research on GeoFoam (EPS) + field review for placement of EPS below footing				*									
108-2266	Driveway retaining wall remediation	West Vancouver: 4023 Ripple Road	KK	Slope stability analysis (ReSSA) w/ geogrid + Allan Block wall design	*	*		*									allan block wall
108-2270	Addition to existing house	Delta: 4618 Arthur Dr	KK	Helical pile installation field review (full time)				*		*							
108-2281	4-storey residential building	Vancouver: 4453 Main Street	KS	Shoring installation + test		*	*	*			*						
108-2283	4-storey Mixed-use Development	Burnaby: 4437 Hastings	KK	Drilling supervision + log drafting + geotechnical report + shoring design	*		*		*		*						
108-2285	Underpinning of Existing Single Family House	West Vancouver: 5477 Greenleaf Rd	KS	Micropile installation + test				*									*
108-2291	Health centre building	Yekooche IR (110 km west of Prince George)	KK	Geotechnical report			*										
108-2293	Development	BCIT	TI	Two pile lateral deformation analysis using LPILE		*											
108-2301	Slope remediation	North Vancouver: Mahon Park Trail	KK	Two slope remediation analysis using ReSSA (w/ geogrid)		*		*									Deltalok design
108-2304	Interior roads, culvert, bridge and 1 to 3 storey buildings	North Vancouver: Tslieith Watuth subdivision Phase 2	KK	Drilling + test pit investestigation	*		*										
108-2315	Stabilization of existing retaining wall	Vancouver: Rona Kingsway Van	TI	Anchor testing + report		*		*			*						
109-2318	Upgrading the landcaping features	Burnaby: Shadbolt Centre	KS	Subgrade field review + sediment ccontrol field review + bearing capacity analysis		*	*	*	*								
109-2320	Still creek enhancement	Burnaby: 2900 Nootka St	RNG	Hand-auger investigation + log drafting	*	*											
109-2335	Commercial development	North Vancouver: 845 Marine Drive	TI	Updating the drawings for lowering the footing by using engineered fill		*											
109-2350	River bank stabilization by rip-rap	Ashcroft: Oregon Jack Creek IR	KK	Slope monitoring + report		*	*										
109-2363	Rona store	Langley: Watters Env - 66th Ave and 200th St	TI	Drilling supervision + CPT + Vane shear + analysis + geotechnical report	*		*										
109-2367	Paper Writing	62nd Canadian Conference Paper		Paper by Troy & me		*	*		*	*							
109-2374	Single Family House	North Vancouver: 437 Delmar Court	KK	Two stability analysis using ABWall software		*		*									Allan block wall
109-2380	Single Family House	North Vancouver: 2101 Westview Drive	KK	Series of slope stability analysis using GeoSlope	*	*											*

Horizon's Job #	Type of Project	Project Location	Senior Engineer	Description of Work Performed by me	Activity Code					Detail Task Break-Down						
					Field Assessment	Eng. Analysis	Letter / Report	Field Review	Proj. mgmnt	Seismic Analysis	Helical Field Review	CPT analysis	Shoring Design / Field Review	Other Num. Analysis	Slope Stability Analysis	Micropile Inst.
109-2381	Proposed Water Tank and Employee Housing	Delta: 2776 64th St	TI	Drilling supervision + CPT test + analysis	*	*	*			*	*					
109-2383	Proposed BC Hydro Storage Development	North Vancouver: 630 Brooksbank Avenue	KK	micropile installation & testing review & report			*	*							*	
109-2388	New Westminister: conveyor	North Vancouver: Neptune terminals	TI	dewatering analysis		*							dewatering			
109-2389	Single Family House	Vancouver: 3525 McDonald Street	KK	report			*									
109-2393	Single Family House	West Vancouver: 1020 King Georges Way	KK	micropile installation & testing review & report			*	*							*	
109-2395	residential development	Delta: Zuliani & Company Consultants	TI	site reconnaissance in boggy land	*											
109-2404	2 storey building	North Vancouver: Enquist Lodge	KS	Subgrade review				*								
109-2405	Single Family House	North Vancouver: 2103 Westview Dr	KK	series of slope stability analysis (static & seismic) using GeoSlope		*								*		
109-2416	Temporary excavation	North Vancouver: Matsumoto Siphon	RNG	Slope measurment+ stability analysis using GeoSlope	*	*								*		
109-2418	Health Centre Building	Williams Lake Anaham IR	KK	Geotechnical report			*									
109-2424	Addition to the existing house	North Vancouver: 1231 Lennox St	KK	Wildcat + slope stability analysis using GeoSlope + anchor length & type design		*								*		
109-2427	Single Family House	North Vancouver: 1805 Chesterfield Ave	KK	Geotechnical report			*									
109-2429	4-storey Mixed-use Development	Vancouver: 1350 Kingsway	KK	Drilling supervision + geotechnical report			*									
109-2430	Tennis court lighting	Surrey: Cloverdale Athletic Park	TI	Drilling supervision + geotechnical report	*	*	*		*							
109-2431	Rockeywall design manual	Vancouver	KK	series of retaining wall design including slope stability (Slope/W), sliding and overturning analysis for different backfill material and backslopes to calculate the safe wall height for each case		*								*		
109-2434	Scaffold Installation	New Westminister: Key West Ford	TI	Drilling supervision + geotechnical report	*		*		*							
109-2439	Addition to the existing house	North Vancouver: 1557 Lennox St	KK	Wildcat + slope measurment+ series of slope stability analysis	*	*								*		
109-2444	Slope remediation	West Vancouver: 2930 Deer Ridge Pl	KK	series of slope stability analysis using ReSSA (geogrid)	*	*								*		
109-2449	4-storey Mixed-use Development	Vancouver: 4372 Fraser St	KK	Drilling supervision + geotechnical report	*		*		*							
109-2470	Proposed residential development	SFU	KS	hand auger + placing the piezometer	*											

Horizon's Job #	Type of Project	Project Location	Senior Engineer	Description of Work Performed by me	Activity Code					Detail Task Break-Down							
					Field Assessment	Eng. Analysis	Letter / Report	Field Review	Proj. mngmnt	Seismic Analysis	Helical Field Review	CPT analysis	Shoring Design / Field Review	Other Num. Analysis	Slope Stability Analysis	Micropile Inst.	Pile Driving
110-2600	Townhouse Development	North Vancouver: East 5th Street	KK	Geotechnical report			*										
110-2601	Sportcourt/ Park	Queensborough: Ewen Avenue	KS	Drilling supervision + geotechnical report (peat)	*		*	*	*								
110-2602	Mercer Stadium Upgrade	New Westminister: 6th Avenue	KS	Drilling supervision + geotechnical report; running track upgrade	*		*		*								
110-2613	Park upgrade	Queensborough: Ewen & Wood	KS	Drilling supervision + geotechnical report (peat)	*		*	*	*								
110-2630	Retaining wall	Whistler	KK	Lateral earth pressure calcs.													
110-2648	Residential Development	Westdean cr. WVAN	KK	Geotechnical report			*										
110-2649	Townhouse Development	Coast Meridian, Coquitlam	KK	Geotechnical report	*		*										
110-2655	Slope remediation	2881A Capilano Rd, North Vancouver:	TI/RNG	Review of GeoSlope analysis carried out by others		*									*		
110-2669	All wheel park (skate park)	Queensborough	TI	Drilling supervision + geotechnical report + EPS design	*		*		*								
110-2685	Reconstruction of culvert	North Vancouver: 865 Foresthills	KS	Slope stability analysis using ReSSA & Deltalok	*	*		*	*						*		
110-2715	Addition to existing warehouse	Burnaby: 7525 Lowland Dr	KK	Reviewing the existing reports + liquefaction analysis + preparation of response spectra		*				*					shake + synth		
110-2717	Addition to existing reseivor tank	Powel River	KK	Geotechnical report			*										
110-2719	New Westminister: Orleans Cofferdam	New Orleans	TI	slope stability analysis		*	*								*		
110-2722	Condominium Development	Surrey: 14344 60th Ave	KS	Drilling supervision + geotechnical report	*		*		*								
110-2729	Residential Development	Vacnouver: 3243 Fraser	KK	Report based on nearby data			*										
110-2732	Surrey Retirement Centre	Surrey: 8239, 140th Street	KK	Report based on existing geotech report	*		*										
110-2748	Avalanche Anchor Support System	Whistler: Fitzsimmons Creek Powerhouse	TI	Calculating deadman (Lock Blocks) and anchor needed to resist cable forces		*											