

RECORD OF BOREHOLE 18-1											
CLIENT: Public Services and Procurement Canada (PSPC)			PROJECT: Geotechnical Investigation at McEachern's Point Wharf			JOB: 10456.B1			SHEET: 1 OF 1		
LOCATION: See Borehole Location Plan			DATE: Jun 18 2018			BORING DATE: Jun 18 2018			CHART		
DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE	STRAIT PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	RECOVERY (%)	RECOVERY (mm)	PENETRATION RESISTANCE (N) BLOW/30.3m	WATER CONTENT (%)	PIEZOMETER OR STANDPIPE INSTALLATION
0	Ground Surface	ASPHALT TO CONCRETE		1.90							
1	Very loose, black SILT, with organics	Very loose, black SILT, with organics		1.90	1	SS	180	24			
2	Very dense, brown-grey medium grained SAND, trace gravel	Very dense, brown-grey medium grained SAND, trace gravel		2.30	2	SS	270	7			
3	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	3	SS	270	3			
4	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	4	SS	230	100+			
5	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	5	RC	950	TCR-100% SCR-94% RQD-10%			
6	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	6	RC	1500	TCR-100% SCR-92% RQD-1%			
7	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	7	RC	1500	TCR-100% SCR-92% RQD-1%			
8	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	8	RC	1500	TCR-100% SCR-92% RQD-1%			
9	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	9	RC	1500	TCR-100% SCR-92% RQD-1%			
10	End of borehole	End of borehole		2.30	10	RC	1500	TCR-100% SCR-92% RQD-1%			
GEMTEC											
LOGGED: MHB											
CHECKED: ED											

RECORD OF BOREHOLE 18-2											
CLIENT: Public Services and Procurement Canada (PSPC)			PROJECT: Geotechnical Investigation at McEachern's Point Wharf			JOB: 10456.B1			SHEET: 1 OF 1		
LOCATION: See Borehole Location Plan			DATE: Jun 18 2018			BORING DATE: Jun 18 2018			CHART		
DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE	STRAIT PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	RECOVERY (%)	RECOVERY (mm)	PENETRATION RESISTANCE (N) BLOW/30.3m	WATER CONTENT (%)	PIEZOMETER OR STANDPIPE INSTALLATION
0	Ground Surface	ASPHALT TO CONCRETE		1.90							
1	Very loose, black SILT, with organics	Very loose, black SILT, with organics		1.90	1	SS	200	28			
2	Very dense, brown-grey medium grained SAND, trace gravel	Very dense, brown-grey medium grained SAND, trace gravel		2.30	2	SS	330	5			
3	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	3	SS	390	7			
4	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	4	SS	30	100+			
5	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	5	RC	350	TCR-100% SCR-95% RQD-10%			
6	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	6	RC	725	TCR-100% SCR-95% RQD-10%			
7	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	7	RC	1500	TCR-100% SCR-95% RQD-10%			
8	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	8	RC	1500	TCR-100% SCR-95% RQD-10%			
9	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	9	RC	1500	TCR-100% SCR-95% RQD-10%			
10	End of borehole	End of borehole		2.30	10	RC	1500	TCR-100% SCR-95% RQD-10%			
GEMTEC											
LOGGED: MHB											
CHECKED: ED											

RECORD OF BOREHOLE 18-3											
CLIENT: Public Services and Procurement Canada (PSPC)			PROJECT: Geotechnical Investigation at McEachern's Point Wharf			JOB: 10456.B1			SHEET: 1 OF 1		
LOCATION: See Borehole Location Plan			DATE: Sep 5 2018			BORING DATE: Sep 5 2018			CHART		
DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE	STRAIT PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	RECOVERY (%)	RECOVERY (mm)	PENETRATION RESISTANCE (N) BLOW/30.3m	WATER CONTENT (%)	PIEZOMETER OR STANDPIPE INSTALLATION
0	Ground Surface	ASPHALT TO CONCRETE		1.90							
1	Very loose, black SILT, with organics	Very loose, black SILT, with organics		1.90	1	SS	340	100+			
2	Very dense, brown-grey medium grained SAND, trace gravel	Very dense, brown-grey medium grained SAND, trace gravel		2.30	2	RC	1325	TCR-88% SCR-25% RQD-12%			
3	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	3	RC	1325	TCR-88% SCR-25% RQD-12%			
4	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	4	RC	1450	TCR-97% SCR-42% RQD-20%			
5	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	5	RC	1450	TCR-97% SCR-42% RQD-20%			
6	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	6	RC	1450	TCR-97% SCR-42% RQD-20%			
7	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	7	RC	1450	TCR-97% SCR-42% RQD-20%			
8	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	8	RC	1450	TCR-97% SCR-42% RQD-20%			
9	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	9	RC	1450	TCR-97% SCR-42% RQD-20%			
10	End of borehole	End of borehole		2.30	10	RC	1450	TCR-97% SCR-42% RQD-20%			
GEMTEC											
LOGGED: MHB											
CHECKED: ED											

RECORD OF BOREHOLE 18-4											
CLIENT: Public Services and Procurement Canada (PSPC)			PROJECT: Geotechnical Investigation at McEachern's Point Wharf			JOB: 10456.B1			SHEET: 1 OF 1		
LOCATION: See Borehole Location Plan			DATE: Sep 5 2018			BORING DATE: Sep 5 2018			CHART		
DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE	STRAIT PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	RECOVERY (%)	RECOVERY (mm)	PENETRATION RESISTANCE (N) BLOW/30.3m	WATER CONTENT (%)	PIEZOMETER OR STANDPIPE INSTALLATION
0	Ground Surface	ASPHALT TO CONCRETE		1.90							
1	Very loose, black SILT, with organics	Very loose, black SILT, with organics		1.90	1	SS	0	0 (WB)			
2	Very dense, brown-grey medium grained SAND, trace gravel	Very dense, brown-grey medium grained SAND, trace gravel		2.30	2	SS	330	5			
3	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	3	SS	400	45			
4	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	4	RC	800	TCR-94% SCR-17% RQD-10%			
5	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	5	RC	1300	TCR-97% SCR-25% RQD-47%			
6	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	6	RC	825	TCR-88% SCR-17% RQD-10%			
7	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	7	RC	825	TCR-88% SCR-17% RQD-10%			
8	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	8	RC	825	TCR-88% SCR-17% RQD-10%			
9	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	9	RC	825	TCR-88% SCR-17% RQD-10%			
10	End of borehole	End of borehole		2.30	10	RC	825	TCR-88% SCR-17% RQD-10%			
GEMTEC											
LOGGED: MHB											
CHECKED: ED											

RECORD OF BOREHOLE 18-5											
CLIENT: Public Services and Procurement Canada (PSPC)			PROJECT: Geotechnical Investigation at McEachern's Point Wharf			JOB: 10456.B1			SHEET: 1 OF 1		
LOCATION: See Borehole Location Plan			DATE: Sep 5 2018			BORING DATE: Sep 5 2018			CHART		
DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE	STRAIT PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	RECOVERY (%)	RECOVERY (mm)	PENETRATION RESISTANCE (N) BLOW/30.3m	WATER CONTENT (%)	PIEZOMETER OR STANDPIPE INSTALLATION
0	Ground Surface	ASPHALT TO CONCRETE		1.90							
1	Very loose, black SILT, with organics	Very loose, black SILT, with organics		1.90	1	SS	0	0 (WB)			
2	Very dense, brown-grey medium grained SAND, trace gravel	Very dense, brown-grey medium grained SAND, trace gravel		2.30	2	SS	360	100+			
3	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	3	RC	1025	TCR-95% SCR-24% RQD-9%			
4	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	4	RC	200	TCR-95% SCR-24% RQD-9%			
5	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	5	RC	1075	TCR-95% SCR-24% RQD-9%			
6	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	6	RC	1275	TCR-95% SCR-24% RQD-9%			
7	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	7	RC	1275	TCR-95% SCR-24% RQD-9%			
8	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	8	RC	1275	TCR-95% SCR-24% RQD-9%			
9	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK	Very close to close discontinuities, moderately weathered, brown fine to medium grained SANDSTONE BEDROCK		2.30	9	RC	1275	TCR-95% SCR-24% RQD-9%			
10	End of borehole	End of borehole		2.30	10	RC	1275	TCR-95% SCR-24% RQD-9%			
GEMTEC											
LOGGED: MHB											
CHECKED: ED											

RECORD OF BOREHOLE 18-6											
CLIENT: Public Services and Procurement Canada (PSPC)			PROJECT: Geotechnical Investigation at McEachern's Point Wharf			JOB: 10456.B1			SHEET: 1 OF 1		
LOCATION: See Borehole Location Plan			DATE: Sep 5 2018			BORING DATE: Sep 5 2018			CHART		
DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE	STRAIT PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	RECOVERY (%)	RECOVERY (mm)	PENETRATION RESISTANCE (N) BLOW/30.3m	WATER CONTENT (%)	PIEZOMETER OR STANDPIPE INSTALLATION