

Item	Metadata
Horizontal Datum:	NAD83 CSRS Epoch 2002
Vertical Datum:	CGVD28 (HT v2.0 Geoid)
Coordinate Projection:	UTM Zone 9 North, metres
Date:	April 27 2016
Prevailing weather conditions including temperature:	Overcaste
Purpose of data collection for that day:	Measure Monitoring Wells and Drill Holes
Name of company submitting the data:	Challenger Geomatics Ltd.
Name, license number, and stamp, of the licensed surveyor:	Paul Burbidge, Commission number 1787
Name of field crew chief:	Geoff Anderson, Party Chief
Names of other crew members and responsibilities:	John Usselman, assistant
Type of data collection (GPS RTK, handheld GPS, other):	Leica Viva RTK GNSS
ID of pre-existing control monument used as RTK base station or initial check for handheld:	2819
Other control monuments checked and amount of measured discrepancy:	2800 (0.005 H, 0.015 V)
ID of new control monuments established:	NA
Issues encountered and how they were resolved:	None
Notes from field crew chief:	NA

Point_ID	Northing	Easting	Elevation	Code	Notes	Top PVC to ground	Ground Elevation
BH95G-30	6816765.75	415437.33	1386.88	Monitoring Well	Leans steeply	Not measured	
BH95G-32	6816133.97	415008.24	1387.46	Monitoring Well			
BH95G31	6816128.51	415199.09	1391.74	Monitoring Well	Leans steeply	Not measured	
K15-285	6813351.48	419649.18	1318.91	Drill Hole Collar	Measured at collar (0.430 down to ground)		1318.48
K15-294	6813497.17	419410.84	1372.30	Drill Hole Collar	Measured at collar (0.215 down to ground)		1372.09
K15-302	6813353.97	419498.26	1349.07	Drill Hole Collar	Measured at collar (0.175 down to ground)		1348.89
K15-306	6813353.39	419498.37	1348.95	Drill Hole			
K15-331	6816410.75	415352.62	1387.81	Drill Hole			
K15-333	6816221.91	415047.23	1381.24	Drill Hole	Measured at PVC, down 0.17 to ground		1381.07
MW03D	6816052.10	416316.79	1466.18	Monitoring Well	Nested	0.96	1465.22
MW03S	6816052.10	416316.76	1466.19	Monitoring Well	Nested	-	1465.22
MW04D	6816155.29	415786.10	1452.07	Monitoring Well	Nested	1.03	1451.04
MW04S	6816155.35	415786.10	1452.06	Monitoring Well	Nested	-	1451.04
MW05D	6816872.04	415851.80	1464.88	Monitoring Well	Nested	1.11	1463.77

Point_ID	Northing	Easting	Elevation	Code	Notes	Top PVC to ground	Ground Elevation
MW05S	6816871.99	415851.78	1464.88	Monitoring Well	Nested	-	1463.77
MW06	6816721.29	415459.96	1388.56	Monitoring Well-elevation at frost packer flange	Down 0.05 to PVC	1.03	1387.48