

**Table E.1 - Water Level Monitoring, 2018**  
**Site 16, Gander International Airport**  
**Golder Project # 18105419**

Well ID	Coordinates (NAD83 UTM Zone 21)	Screen Intervals (mbgs)*	date	Ground Surface Elevation (masl)	TOC Elevation (masl)	Depth to Water (m BTOC)	Depth to LNAPL (m BTOC)	LNAPL thickness (m)	Measured GW Elevation (masl)	Corrected GW Elevation (masl)
MW7	677727 E, 5424493 N <sup>1</sup>	-	Sep-18	-	-	0.05	nd	0	-	-
MW21	677760 E, 5424489 N <sup>2</sup>	-	Sep-18	-	-	4.23	nd	0	-	-
MW22	677760 E, 5424478 N <sup>2</sup>	-	Sep-18	-	-	5.52	5.4	0.12	-	-
04-MW1	677728 E, 5424483 N <sup>1</sup>	2.5 to 7.62	Sep-18	-	-	4.92	4.6	0.32	-	-
04-MW1A	677724 E, 5424484 N <sup>1</sup>	-	Sep-18	-	-	4.76	4.69	0.07	-	-
			Nov-18	-	150.7906	2.98	nd	0	147.8106	147.8106
04-MW5	677704 E, 5424491 N <sup>2</sup>	2.2 to 7.62	Sep-18	-	-	4.6	nd	0	-	-
06-MW3	677743 E, 5424488 N <sup>2</sup>	-	Sep-18	-	-	4.61	4.51	0.1	-	-
06-MW6	677731 E, 5424496 N <sup>2</sup>	-	Sep-18	-	-	4.48	4.34	0.14	-	-
06-MW7	677753 E, 5424491 N <sup>3</sup>	-	Sep-18	could not locate						
06-MW8	677746 E, 5424498 N <sup>1</sup>	-	Sep-18	-	-	4.69	4.15	0.54	-	-
06-MW9	677739 E, 5424501 N <sup>1</sup>	-	Sep-18	-	-	4.03	4.01	0.02	-	-
			Nov-18	150.4	150.156	2.47	nd	0	147.686	147.686
06-MW13	677682 E, 5424525 N <sup>1</sup>	-	Sep-18	-	-	4.42	nd	0	-	-
			Nov-18	150.7048	150.6664	2.96	nd	0	147.7064	147.7064
06-MW19	677692 E, 5424533 N <sup>1</sup>	-	Sep-18	-	-	4.48	nd	0	-	-
			Nov-18	150.5503	150.4703	2.97	nd	0	147.5003	147.5003
06-MW20	677645 E, 5424563 N <sup>1</sup>	-	Sep-18	-	-	4.52	nd	0	-	-
			Nov-18	150.7147	150.6335	2.75	nd	0	147.8835	147.8835
07-MW1	677752 E, 5424484 N <sup>2</sup>	3.1 to 7.62	Sep-18	-	-	4.46	nd	0	-	-
07-MW2	677733 E, 5424484 N <sup>1</sup>	3.1 to 7.62	Sep-18	-	-	4.8	4.51	0.29	-	-
			Nov-18	150.79	150.6601	3.29	2.84	0.45	147.3701	147.7301
07-MW3	677718 E, 5424502 N <sup>1</sup>	3.1 to 7.62	Sep-18	-	-	4.48	4.34	0.14	-	-
07-MW4	677738 E, 5424495 N <sup>2</sup>	3.1 to 7.62	Sep-18	-	-	4.37	nd	0	-	-
07-MW5	677733 E, 5424505 N <sup>1</sup>	3.1 to 7.62	Sep-18	-	-	4.4	4.38	0.02	-	-
07-MW6	677747 E, 5424501 N <sup>1</sup>	3.1 to 7.62	Sep-18	-	-	4.71	3.97	0.74	-	-
09-MW1	677788 E, 5424470 N <sup>2</sup>	2.1 to 6.1	Sep-18	-	-	2.65	nd	0	-	-
09-MW1B	677792 E, 5424465 N <sup>2</sup>	-	Sep-18	-	-	2.43	nd	0	-	-
09-MW3A	677820 E, 5424479 N <sup>2</sup>	-	Sep-18	-	-	3.81	nd	0	-	-
09-MW3B	677845 E, 5424450 N <sup>3</sup>	-	Sep-18	could not locate						
09-MW4	677802 E, 5424497 N <sup>1</sup>	-	Sep-18	blocked						
09-MW5	677853 E, 5424491 N <sup>1</sup>	3.1 to 6.1	Sep-18	-	-	3.53	nd	0	-	-
			Nov-18	149.3982	149.3439	2.11	nd	0	147.2339	147.2339
09-MW6	677812 E, 5424515 N <sup>2</sup>	3.1 to 6.1	Sep-18	-	-	4.59	3.51	1.08	-	-

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16-MW1	677753 E, 5424476 N <sup>2</sup>	0.75 to 2.8	Sep-18	-	-	4.9	4.45	0.45	-	-
16-MW2	677718 E, 5424495 N <sup>2</sup>	2.9 to 5.9	Sep-18	-	-	4.61	nd	0	-	-
16-MW3	677718 E, 5424486 N <sup>1</sup>	2.9 to 7.5	Sep-18	-	-	4.53	nd	0	-	-
16-MW4	677706 E, 5424498 N <sup>2</sup>	3.2 to 6.2	Sep-18	-	-	4.66	4.57	0.09	-	-
16-MW5	677749 E, 5424504 N <sup>2</sup>	1.7 to 6.2	Sep-18	-	-	4.44	3.86	0.58	-	-
16-MW5B	677718 E, 5424501 N <sup>1</sup>	-	Sep-18	-	-	4.67	4.57	0.1	-	-
			Nov-18	150.59	150.5631	2.8	nd	0	147.7631	147.7631
16-MW6	677728 E, 5424539 N <sup>2</sup>	3.2 to 6.2	Sep-18	-	-	4.18	nd	0	-	-
16-MW7	677762 E, 5424524 N <sup>2</sup>	3.2 to 6.2	Sep-18	-	-	3.64	nd	0	-	-
16-MW8	677778 E, 5424491 N <sup>3</sup>	2.1 to 5.2	Sep-18	could not locate						
16-MW9	677736 E, 5424483 N <sup>1</sup>	3.1 to 6.1	Sep-18	-	-	4.32	nd	0	-	-
			Nov-18	150.6722	150.7687	1.98	nd	0	148.7887	148.7887
16-MW10A	677711 E, 5424518 N <sup>2</sup>	3.2 to 6.2	Sep-18	-	-	5.17	4.04	1.13	-	-
16-MW10B	677727 E, 5424505 N <sup>1</sup>	-	Sep-18	-	-	4.34	nd	0	-	-
16-MW11	677745 E, 5424472 N <sup>2</sup>	2.3 to 6.1	Sep-18	-	-	4.75	4.46	0.29	-	-
16-MW11B	677703 E, 5424506 N <sup>2</sup>	-	Sep-18	-	-	4.42	nd	0	-	-
16-MW12 or 16-MW12A	677700 E, 5424513 N <sup>2</sup>	1.5 to 6.1	Sep-18	-	-	5.21	4.25	0.96	-	-
16-MW12B	677762 E, 5424466 N <sup>3</sup>	-	Sep-18	could not locate						
16-MW13	677790 E, 5424520 N <sup>1</sup>	1.5 to 7	Sep-18	-	-	3.82	nd	0	-	-
			Nov-18	149.683	149.4831	1.92	nd	0	147.5631	147.5631
16-MW14A	677694 E, 5424522 N <sup>1</sup>	1.5 to 6.1	Sep-18	-	-	4.23	nd	0	-	-
			Nov-18	150.505	150.3608	2.44	2.42	0.02	147.9208	147.9368
16-MW14B	677766 E, 5424546 N <sup>2</sup>	-	Sep-18	-	-	3.59	nd	0	-	-
16-MW15A	677702 E, 5424519 N <sup>1</sup>	1.5 to 7.6	Sep-18	-	-	3.8	nd	0	-	-
			Nov-18	150.398	150.377	2.14	nd	0	148.237	148.237
16-MW15B	677698 E, 5424536 N <sup>1</sup>	-	Sep-18	-	-	4.4	nd	0	-	-
			Nov-18	150.4868	150.343	2.97	nd	0	-	-
16-MW16	677722 E, 5424513 N <sup>2</sup>	2.3 to 5.3	Sep-18	-	-	5.64	3.88	1.76	-	-
16-MW17	677133 E, 5424507 N <sup>2</sup>	3.2 to 6.2	Sep-18	-	-	5.57	3.9	1.67	-	-
16-MW17A	677672 E, 5424547 N <sup>1</sup>	-	Sep-18	-	-	4.33	nd	0	-	-
			Nov-18	150.6049	150.4517	2.84	nd	0	147.6117	147.6117
16-MW18	677703 E, 5424562 N <sup>3</sup>	2.7 to 5.8	Sep-18	could not locate						
16-MW18A	677708 E, 5424526 N <sup>2</sup>	-	Sep-18	-	-	4.67	4.18	0.49	-	-
16-MW19	677769 E, 5424564 N <sup>1</sup>	1.2 to 4.3	Sep-18	-	-	3.41	nd	0	-	-
			Nov-18	149.221	149.0948	1	nd	0	148.0948	148.0948
16-MW20	677808 E, 5424550 N <sup>1</sup>	2.7 to 5.8	Sep-18	-	-	3.07	nd	0	-	-
			Nov-18	148.8291	148.7396	1.96	nd	0	146.7796	146.7796
16-MW21	677798 E, 5424508 N <sup>1</sup>	2.5 to 5.5	Sep-18	-	-	4.24	3.82	0.42	-	-
			Nov-18	149.8636	149.6946	3.31	2.46	0.85	146.3846	147.0646
16-MW23	677670 E, 5424605 N <sup>1</sup>	3.1 to 6.2	Sep-18	-	-	3.75	nd	0	-	-
			Nov-18	149.6379	149.5822	2.26	nd	0	147.3222	147.3222
16-MW24	677755 E, 5424604 N <sup>1</sup>	1.0 to 5.6	Sep-18	-	-	3.49	nd	0	-	-
			Nov-18	148.9784	148.9693	2.14	nd	0	146.8293	146.8293
16-MW25	677814 E, 5424584 N <sup>1</sup>	0.75 to 3.0	Sep-18	-	-	2.2	nd	0	-	-
			Nov-18	147.8721	147.8327	1.1	nd	0	146.7327	146.7327

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16-MW26	677821 E, 5424496 N <sup>1</sup>	3.0 to 6.1	Sep-18			4.06	nd	0		
			Nov-18	149.8609	149.8086	2.61	nd	0	147.1986	147.1986
16-MW27	677721 E, 5424607 N <sup>1</sup>	1.5 to 7	Sep-18			3.97	3.53	0.44		
			Nov-18	149.4115	149.3019	2.44	2.14	0.3	146.8619	147.1019
16-MW28	677748 E, 5424564 N <sup>1</sup>	1.5 to 7	Sep-18			3.9	nd	0		
			Nov-18	149.5034	149.4591	2.54	nd	0	146.9191	146.9191
16-MW29	677677 E, 5424568 N <sup>2</sup>	1.5 to 6.7	Sep-18			4.44	nd	0		
16-MW30	677857 E, 5424519 N <sup>1</sup>	1.5 to 6	Sep-18			3.28	3.26	0.02		
			Nov-18	148.7869	148.7472	1.27	nd	0	147.4772	147.4772
16-MW31	677838 E, 5424551 N <sup>1</sup>	1.5 to 6	Sep-18			2.57	nd	0		
			Nov-18	148.3982	148.2715	1.24	nd	0	147.0315	147.0315
16-MW32	677607 E, 5424526 N <sup>3</sup>	1.5 to 7	Sep-18			could not locate				
16-MW33	677726 E, 5424630 N <sup>1</sup>	1.5 to 7	Sep-18			3.66	nd	0		
			Nov-18	149.3828	149.1721	2.4	nd	0	146.7721	146.7721
16-MW34	677889 E, 5424523 N <sup>3</sup>	1.3 to 6.7	Sep-18			could not locate				
16-MW35	677885 E, 5424499 N <sup>1</sup>	1.3 to 7.6	Sep-18			2.96	nd	0		
			Nov-18	148.6563	148.5567	1.61	nd	0	146.9467	146.9467
16-MW36	677622 E, 5424538 N <sup>2</sup>	1.3 to 6.9	Sep-18	-	-	4.43	nd	0		
16-MW37	677588 E, 5424532 N <sup>3</sup>	1.3 to 6.9	Sep-18			could not locate				
16-MW38	677551 E, 5424549 N <sup>3</sup>	1.3 to 6.7	Sep-18			could not locate				
Unidentified Well #1	677730 E, 5424490 N <sup>2</sup>	-	Sep-18	-	-	4.57	nd	0	-	-
Unidentified Well #2	677740 E, 5424495 N <sup>2</sup>	-	Sep-18	-	-	4.4	4.34	0.06	-	-
18-MW1	677885 E, 5424524 N <sup>1</sup>	1.5 to 7.6	Nov-18	148.1891	148.0497	1	nd	0	147.0497	147.0497
18-MW2	677879 E, 5424550 N <sup>1</sup>	3.7 to 5.6	Nov-18	147.9112	147.8612	1.36	nd	0	146.5012	146.5012
18-MW3	677854 E, 5424571 N <sup>1</sup>	4.6 to 7.6	Nov-18	147.7973	147.7514	2.97	nd	0	144.7814	144.7814
18-MW4	677703 E, 5424636 N <sup>1</sup>	4.6 to 7.0	Nov-18	149.5098	149.4036	2.99	nd	0	146.4136	146.4136
18-MW5	677681 E, 5424623 N <sup>1</sup>	1.5 to 6.9	Nov-18	149.411	149.3578	1.75	nd	0	147.6078	147.6078

- 1 - Coordinates obtained from AllNorth survey Nov. 2018
- 2 - Coordinates obtained with handheld GPS in field
- 3 - Coordinates obtained from previous reports

Ground surface and top of casing (TOC) elevation data collected November 2018, by AllNorth

Well Coordinates confirmed/refined by AllNorth, November 2018

Corrected gw elevation calculated by measured water elevation + (thickness of LNAPL\* (density of LNAPL/density of water)), density of LNAPL taken as 0.80 g/cm3

mbgs: meters below ground surface

masl: meaters above sea level

mBTOC: metres below top of casing

- information not available

Prepared by: NH

Corrected by: MM