

Google Earth

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Flow Direction
~5.06 ft/s

1000 ft

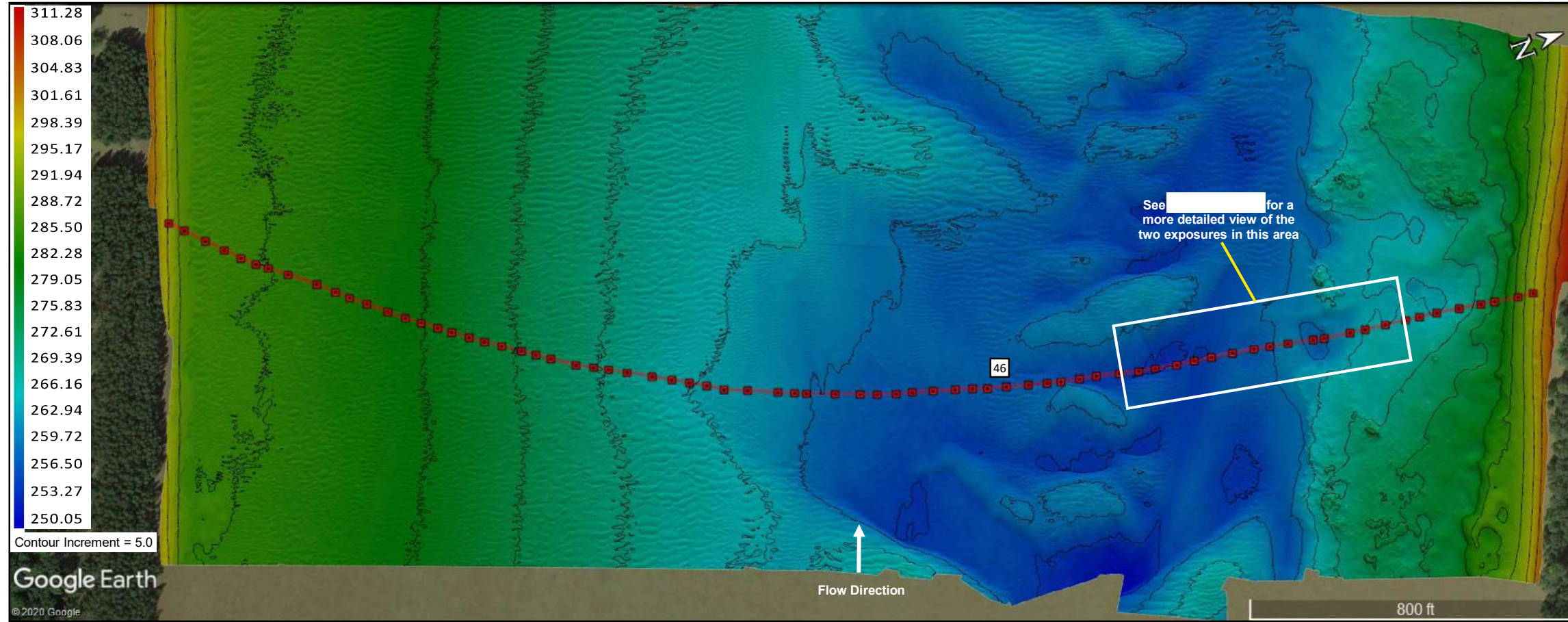


DEPTH OF COVER STUDY
DATE(S): 4/21/20-4/23/20

Multi-Beam Sonar Imagery

PREPARED FOR:

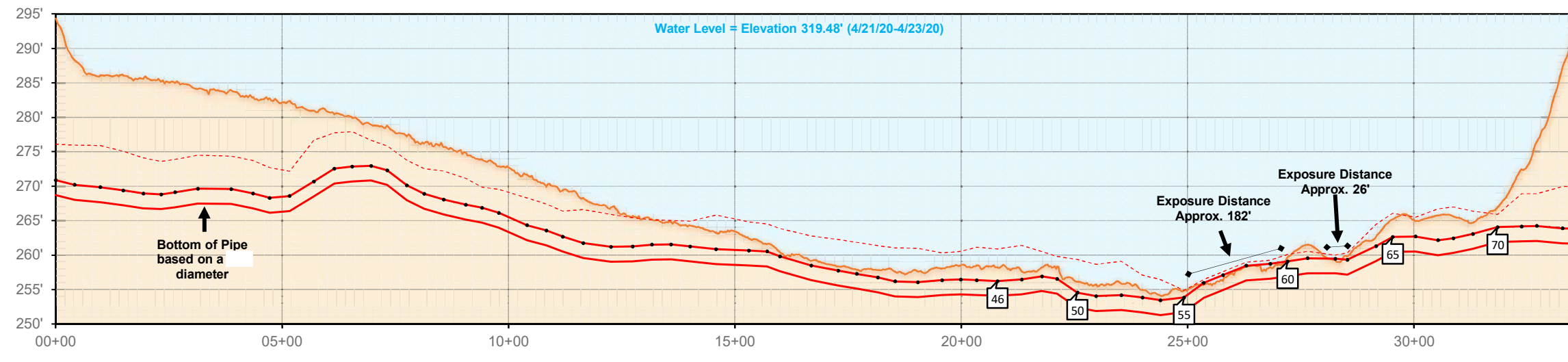
PLAN VIEW



DoC DATA

Pt. ID	STA#	Latitude	Longitude	Topo Elev. (ft)	T.O.P. Elev. (ft)	DoC (ft)	MS DoC* (ft)
46	20+80			258.20	256.23	1.97	-2.68
47	21+33			257.63	256.44	1.19	-3.77
48	21+78			258.24	256.93	1.31	-2.25
49	22+12			258.31	256.54	1.77	-1.48
50	22+57			256.12	254.55	1.56	-3.22
51	22+98			255.73	254.06	1.68	-2.91
52	23+53			255.86	254.18	1.68	-3.22
53	24+00			254.97	253.84	1.12	-2.13
54	24+40			254.10	253.44	0.66	-2.34
55	24+92			254.84	253.87	0.97	-0.03
56	25+36			255.69	255.95	-0.26	-0.76
57	25+78			256.26	257.09	-0.83	-1.33
58	26+30			258.35	258.47	-0.12	-0.62
59	26+82			258.26	258.74	-0.48	-0.98
60	27+21			259.70	259.10	0.60	-0.40
61	27+65			261.49	259.54	1.96	0.96
62	28+26			259.23	259.49	-0.26	-0.76
63	28+53			259.83	259.31	0.51	-0.49
64	29+16			262.68	261.30	1.38	-1.77
65	29+53			265.15	262.65	2.51	-0.90
66	30+03			264.90	262.70	2.20	-0.60
67	30+53			265.74	262.16	3.58	-0.96
68	30+87			265.59	262.46	3.13	-1.41
69	31+30			264.68	263.06	1.62	-1.70
70	31+85			266.92	264.04	2.89	1.04
71	32+38			272.45	264.15	8.30	3.54
72	32+71			276.40	264.23	12.17	7.51
73	33+28			287.34	263.89	23.45	17.37
74	33+66			294.89	263.83	31.05	24.98

PROFILE VIEW



LEGEND

- Water Level
- Topo / Bathymetry
- Projected Topo / Bathymetry
- +VSDV
- T.O.P. Point
- No Data (obstruction, loss of signal)
- Overlaid Data (if applicable)

DEFINITIONS

DoC - Depth of Cover

T.O.P. - Top of Pipe (or Cable, Conduit, etc.)

+VSDV - Positive aspect of vertical confidence level. Represents a 95% likelihood that the true position of the target lies deeper than this point.

MSDoC* - Minimum Statistical Depth of Cover. This reflects the measured distance from the +VSDV component to the Topo / Bathymetry line.

GEODETIC SETTINGS

PLOT NOTES

CONTROL POINT VERIFICATION

CONTROL POINTS WERE ESTABLISHED AND/OR REFERENCED BY DoC MAPPING TO ADJUST FOR HORIZONTAL AND VERTICAL VARIANCE DURING THE TIME OF THIS SURVEY. INFORMATION FOR THE CONTROL POINTS BELOW:

PLEASE REFER TO THE "CONTROL POINT VERIFICATION SHEET" FOR MORE DETAILS ON THE CONTROL POINT(S) AND DoC MAPPING'S OBSERVATIONS.

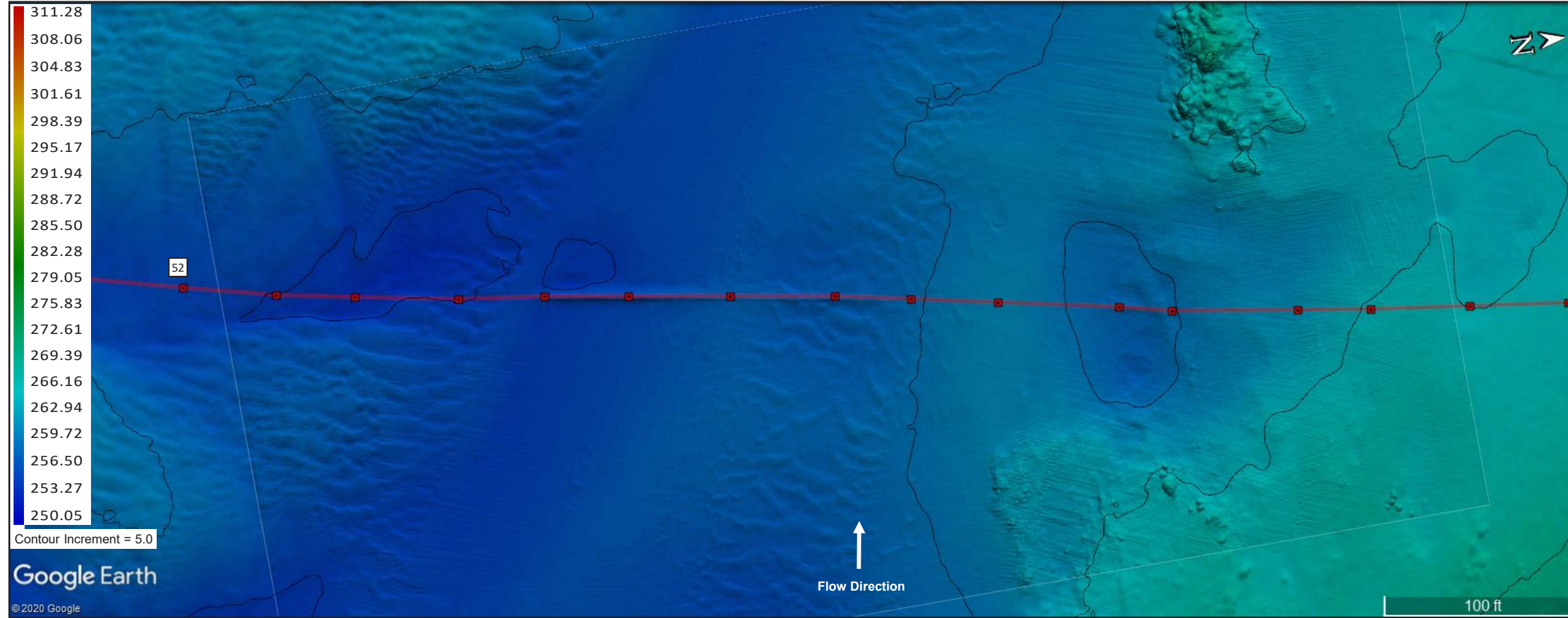
Land Data
Underwater Data
Italics = Projected topo or bathymetric points and DoC / MSDoC

DoC MAPPING DEPTH OF COVER STUDY
DATE(S): 4/21/20-4/23/20

PLAN / PROFILE (Page 2)

PREPARED FOR:

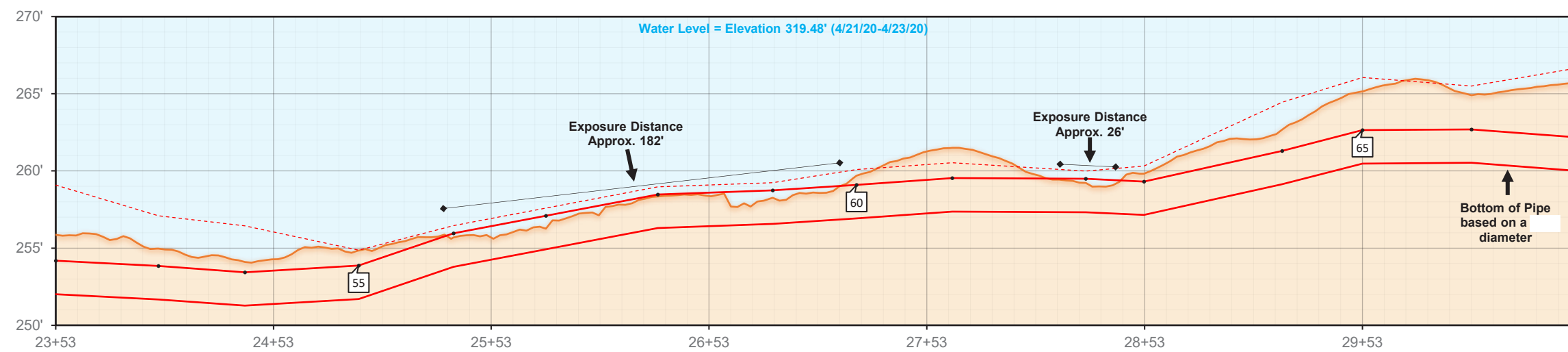
PLAN VIEW



DoC DATA


Pt. ID	STA#	Latitude	Longitude	Topo Elev. (ft)	T.O.P. Elev. (ft)	DoC (ft)	MS DoC* (ft)
52	23+53			255.86	254.18	1.68	-3.22
53	24+00			254.97	253.84	1.12	-2.13
54	24+40			254.10	253.44	0.66	-2.34
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PROFILE VIEW



Land Data
Underwater Data
Italics = Projected topo or bathymetric points and DoC / MSDoC

LEGEND	DEFINITIONS	GEODETIC SETTINGS	PLOT NOTES	CONTROL POINT VERIFICATION
<ul style="list-style-type: none"> Water Level Topo / Bathymetry Projected Topo / Bathymetry +VSDV T.O.P. Point No Data (obstruction, loss of signal) Overlaid Data (if applicable) 	<p>DoC - Depth of Cover</p> <p>T.O.P. - Top of Pipe (or Cable, Conduit, etc.)</p> <p>+VSDV - Positive aspect of vertical confidence level. Represents a 95% likelihood that the true position of the target lies deeper than this point.</p> <p>MSDoC* - Minimum Statistical Depth of Cover. This reflects the measured distance from the +VSDV component to the Topo / Bathymetry line.</p>			<p>CONTROL POINTS WERE ESTABLISHED AND/OR REFERENCED BY DoC MAPPING TO ADJUST FOR HORIZONTAL AND VERTICAL VARIANCE DURING THE TIME OF THIS SURVEY. INFORMATION FOR THE CONTROL POINTS BELOW:</p> <p>PLEASE REFER TO THE "CONTROL POINT VERIFICATION SHEET" FOR MORE DETAILS ON THE CONTROL POINT(S) AND DoC MAPPING'S OBSERVATIONS.</p>



DEPTH OF COVER STUDY
DATE(S): 4/21/20-4/23/20

PROFILE DETAIL (Point #52 to Point #67)

PREPARED FOR: