



APPENDIX B

Meliadine AWAR Inspection – 2017



Photograph 105: M-5 Bridge Deck at KM10.5, Looking South (20 September 2017)



Photograph 106: Road Leading North From M-5 Bridge at KM10.5 (20 September 2017)



APPENDIX B

Meliadine AWAR Inspection – 2017



Photos 107 to 114 were taken along AWAR at KM12.1. Four CSP culverts installed at this location. These culverts appear bent in the middle under the road.

Photograph 107: Downstream Ends of Four CSP Culverts at KM12.1 (20 September 2017)



Photograph 108: Downstream Ends of Four CSP Culverts at KM12.1. From Left to Right Diameters are 1300 mm, 700 mm, 1300 mm, 900 mm (20 September 2017)



APPENDIX B

Meliadine AWAR Inspection – 2017



Photograph 109: Upstream Ends of Four CSP Culverts at KM12.1 (20 September 2017)



Photograph 110: Upstream Ends of Four CSP Culverts at KM12.1 (20 September 2017)



APPENDIX B

Meliadine AWAR Inspection – 2017



Photographs 111 and 112: Upstream to Downstream View Through Two Northern CSP Culverts at Km12.1. 900 mm Ø on Left and 1300 mm Ø On Right (20 September 2017)



Photographs 113 and 114: Upstream to Downstream View Through Two Southern CSP Culverts at Km12.1. 700 mm Ø On Left and 1300 mm Ø On Right (20 September 2017)



APPENDIX B

Meliadine AWAR Inspection – 2017



Photos 115 to 117 were taken along AWAR at KM12.6. Flow visible along the road, the road embankment shows signs of erosion/slumping.

Photograph 115: AWAR KM12.6, Some Water, No Defined Channel. Low Lying Area, Poor Drainage (22 September 2017)



Photograph 116: KM 12.6, Ponded Water and Erosion of Toe Road Embankment Evident (22 September 2017)



APPENDIX B

Meliadine AWAR Inspection – 2017



Photograph 117: KM 12.6, Ponded Water and Erosion of Road Embankment Evident (22 September 2017)



Photograph 118: At KM13.5, There are 5 CSP Culverts (3×1300 mm Ø; 2×900mm Ø). View of Upstream Ends of the Culverts. 900 mm Culverts are Vertically Elevated (20 September 2017)

Photos 118 to 125 were taken along AWAR at KM13.5. Five CSP culverts are installed at this location, three of 1300 mm Ø and two of 900 mm Ø. The inverts of the 900 mm culverts are elevated higher than the inverts of the 1300 mm culverts.



APPENDIX B

Meliadine Awar Inspection – 2017



Photograph 119: Downstream View of 5 CSP Culverts at KM13.5 (20 September 2017)



Photographs 120 and 121: Upstream to Downstream Views Through Northern-Most 1300 mm Ø CSP Culvert (Left Photograph) and North 900 mm Ø CSP Culvert (Right Photograph) Located at KM13.5 (20 September 2017)



APPENDIX B

Meliadine AWAR Inspection – 2017



Photographs 122, 123 And 124: Upstream to Downstream Views Through Middle and South 1300 mm Ø CSP Culverts (Left and Middle Photographs Respectively) and South 900 mm Ø CSP Culvert (Right Photograph) Located at KM13.5 (20 September 2017)



Photograph 125: Road Surface Over Five CSP Culverts Located at KM13.5, Looking North (20 September 2017)

\\golder.gds\gal\burnaby\final\2016\3 proj\1660296 agnico_provide engineering s_nunavu\1660296-024-r-rev0-3000\appendix b\appendix b road inspection photographs 2.docx



APPENDIX C

Thermistor Locations and Data

Appendix C1: Background Permafrost Thermistor Locations and Data

Appendix C2: P-Area, D-CP1, and D-CP5 Thermistor Locations and Data



APPENDIX C 1

Background Permafrost Thermistor Locations and Data