



APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



Photograph D1-45: PC-9 km 35+690

Date: September 7, 2017

Photo Number: 024

Description: View of the culvert inlet. In good condition.



Photograph D1-46: PC-9 km 35+690

Date: September 7, 2017

Photo Number: 025

Description: View of the culvert outlet. In good condition.



APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



Photograph D1-47: PC-10 km 36+865

Date: September 7, 2017

Photo Number: 020

Description: View of the culvert inlet. In good condition.



Photograph D1-48: PC-10 km 36+865

Date: September 7, 2017

Photo Number: 021

Description: View of the culvert outlet. The outlet is partially buried.



APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



Photograph D1-49: PC-11 km 39+552

Date: September 7, 2017

Photo Number: 018

Description: View of the culvert inlet. The inlet is too high and water is flowing underneath.



Photograph D1-50: PC-11 km 39+552

Date: September 7, 2017

Photo Number: 019

Description: View of the culvert outlet. In good condition, almost submerged.



APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



Photograph D1-51: PC-12 km 41+300

Date: September 7, 2017

Photo Number: 014

Description: View of the culvert inlet. In good condition, almost submerged.



Photograph D1-52: PC-12 km 41+300

Date: September 7, 2017

Photo Number: 015

Description: View of the culvert outlet. In good condition, almost submerged.



APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



Photograph D1-53: PC-16 km 41+300

Date: September 8, 2017

Photo Number: 135

Description: View of the culvert inlet. In good condition. Outlet is buried (no photo) and must be cleaned.



Photograph D1-54: R-14 km 67+840

Date: September 8, 2017

Photo Number: 146

Description: View of the inlet culverts. Middle and northern culverts are collapsed inside (hole in the middle). Expected to continue performing well.



APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



Photograph D1-55: R-14 km 67+840

Date: September 8, 2017

Photo Number: 147

Description: View of the outlet culverts. The middle and northern culverts show small signs of erosion at the outlet and these culverts are collapsed inside (hole in the middle). Expected to continue performing well.



Photograph D1-56: R-17 km 77+440

Date: September 8, 2017

Photo Number: 158

Description: View of the culvert inlet. In good condition.



APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



Photograph D1-57: R-17 km 77+440

Date: September 8, 2017

Photo Number: 159

Description: View of the culvert outlet. In good condition.



Photograph D1-58: R-18A km 80+950

Date: September 8, 2017

Photo Number: 165

Description: View of the culverts inlet. In good condition. The southern culvert inlet is partially buried.



APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG

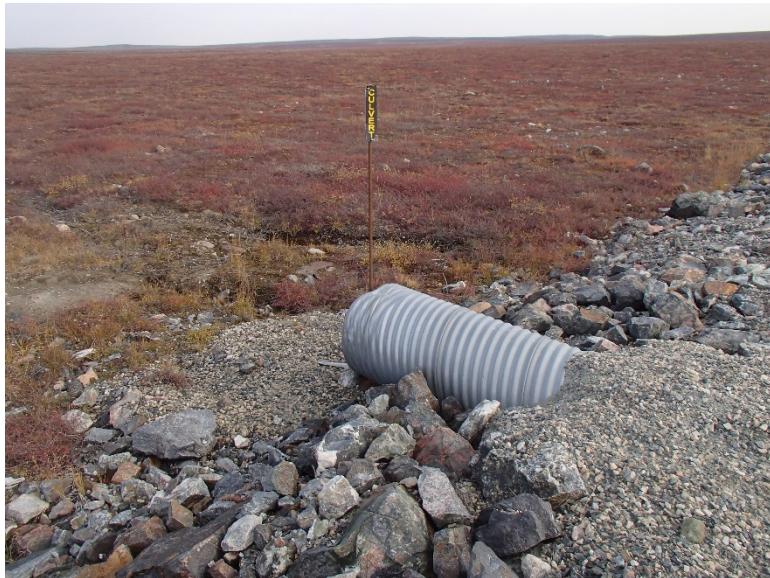


Photograph D1-59: R-18A km 80+950

Date: September 8, 2017

Photo Number: 164

Description: View of the culverts outlet. In good condition.



Photograph D1-60: R-18B km 80+950

Date: September 8, 2017

Photo Number: 167

Description: View of the culverts inlet. In good condition, installed above the ground surface.



APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



Photograph D1-61: R-18B km 80+950

Date: September 8, 2017

Photo Number: 166

Description: View of the culverts outlet. In good condition, installed above the ground surface.



Photograph D1-62: R-20 km 85+490

Date: September 8, 2017

Photo Number: 172

Description: View of the culvert inlet. The middle of the culvert is slightly collapsed. The inlet is installed above the ground surface and water flows beneath the culvert. The culvert is in stable condition.



APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



Photograph D1-63: R-20 km 85+490

Date: September 8, 2017

Photo Number: 173

Description: View of the culvert outlet. Outlet is a little bit twisted. The middle of the culvert is slightly collapsed. Water flows beneath the culvert. The culvert is in stable condition.



Photograph D1-64: R-21 km 87+300

Date: September 8, 2017

Photo Number: 174

Description: View of the culverts inlet. Both culverts are slightly collapsed in the middle. In stable condition, but should have been installed lower to avoid erosion issue.



APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



Photograph D1-65: R-21 km 87+300

Date: September 8, 2017

Photo Number: 175

Description: View of the culverts outlet. Both culverts are slightly collapsed in the middle. In stable condition, but should have been installed lower to avoid erosion issue.



Photograph D1-66: R-23 km 93+600

Date: September 8, 2017

Photo Number: 180

Description: View of the culvert inlet. The culvert is installed too high and there is a low flow of water through the road rockfill. In good condition.



APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



Photograph D1-67: R-23 km 93+600

Date: September 8, 2017

Photo Number: 181

Description: View of the culvert outlet. The culvert is installed too high and there is a low flow of water through the road rockfill. In good condition.



Photograph D1-68: R-24 km 98+100

Date: September 8, 2017

Photo Number: 183

Description: View of the culverts inlet. South inlet is installed too high. Both culverts show deformation in the upper part.



APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



Photograph D1-69: R-24 km 98+100

Date: September 8, 2017

Photo Number: 182

Description: View of the culverts outlet. Both outlets are installed too high. The outlet of the southern culvert (left) shows signs of erosion. Both culverts show deformation in the upper part.



Photograph D1-70: R-25 km 101+950

Date: September 8, 2017

Photo Number: 189

Description: View of the culverts inlet. In good condition.



APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



Photograph D1-71: R-25 km 101+950

Date: September 8, 2017

Photo Number: 190

Description: View of the culverts outlet. In good condition.



Photograph D1-72: R-26 km 104+400

Date: September 8, 2017

Photo Number: 191

Description: View of the culverts outlet. In good condition.



APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



Photograph D1-73: R-26 km 104+400

Date: September 8, 2017

Photo Number: 192

Description: View of the culverts inlet. In good condition. In good condition.

<https://golderassociates.sharepoint.com/sites/16104g/preparation of deliverables/rev0/annexes inspection 2017/appendix d - awpr/d1 culverts/d1 - culverts photo log 2017.docx>



2017 ANNUAL GEOTECHNICAL INSPECTION
MEADOWBANK GOLD MINE, NUNAVUT

APPENDIX D2

Bridges Along AWPR Photographic Log



APPENDIX D2 BRIDGES ALONG AWPR PHOTOGRAPHIC LOG



Photograph D2-1 Bridges 1 – R02 km 8+750

Date: September 7, 2017

Photo Number: 077

Description: Looking at the north abutment from downstream.



Photograph D2-2 Bridges 1 – R02 km 8+750

Date: September 7, 2017

Photo Number: 078

Description: Looking at the south abutment from downstream.