



Dataset: Sentinel-2 L1C  
Date: 2021-07-21



Dataset: Sentinel-2 L1C  
Date: 2022-07-21



Dataset: Sentinel-2 L1C  
Date: 2023-07-21

Notes:  
1. All images from free Sentinel-2 L1C satellite data.

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## **Appendix A      Photolog from 2023 Visit – Goose**





Job No: CAPR003105  
Filename: BackRiver\_Goose\_2023AGI\_Photoslog.pdf



Back River Project

2023 Annual Geotechnical Inspection

Goose Quarry

Date: 2024-02-28	Approved: JBK	Figure: A.1-1
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**G-1.** – Access road to Goose Quarry looking south



**G-2.** – A quarry is currently being used as a temporary disposal area for refuse, looking west



**G-3.** – A pile of refuse at the toe of the eastern wall



**G-4.** – A pile of refuse at the center of the base





G-5. - Ponding waters at the bottom of Goose Quarry looking east



G-6. - Ponding waters at the bottom of Goose Quarry looking south



G-7. - Overview at the bottom of the Goose Quarry looking south





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Back River Project

2023 Annual Geotechnical Inspection

Echo Pit

Date: 2024-02-28	Approved: JBK	Figure: A.1-4
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G-8. - Echo Pit, looking SE



G-9. – Echo Pit base, looking SW



G-10. – Eastern wall of the pit



G-11.- Southern wall of the pit



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Back River Project

2023 Annual Geotechnical Inspection

Echo Pit

Date: 2024-02-28	Approved: JBK	Figure: A.1-5
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G-12 – General view, looking south



G-13 – Base of the pit, looking north

		2023 Annual Geotechnical Inspection		
		Echo Pit		
Job No: CAPR003105 Filename: BackRiver_Goose_2023AGI_PhotoLog.pdf	Back River Project	Date: 2024-02-28	Approved: JBK	Figure: A.1-6

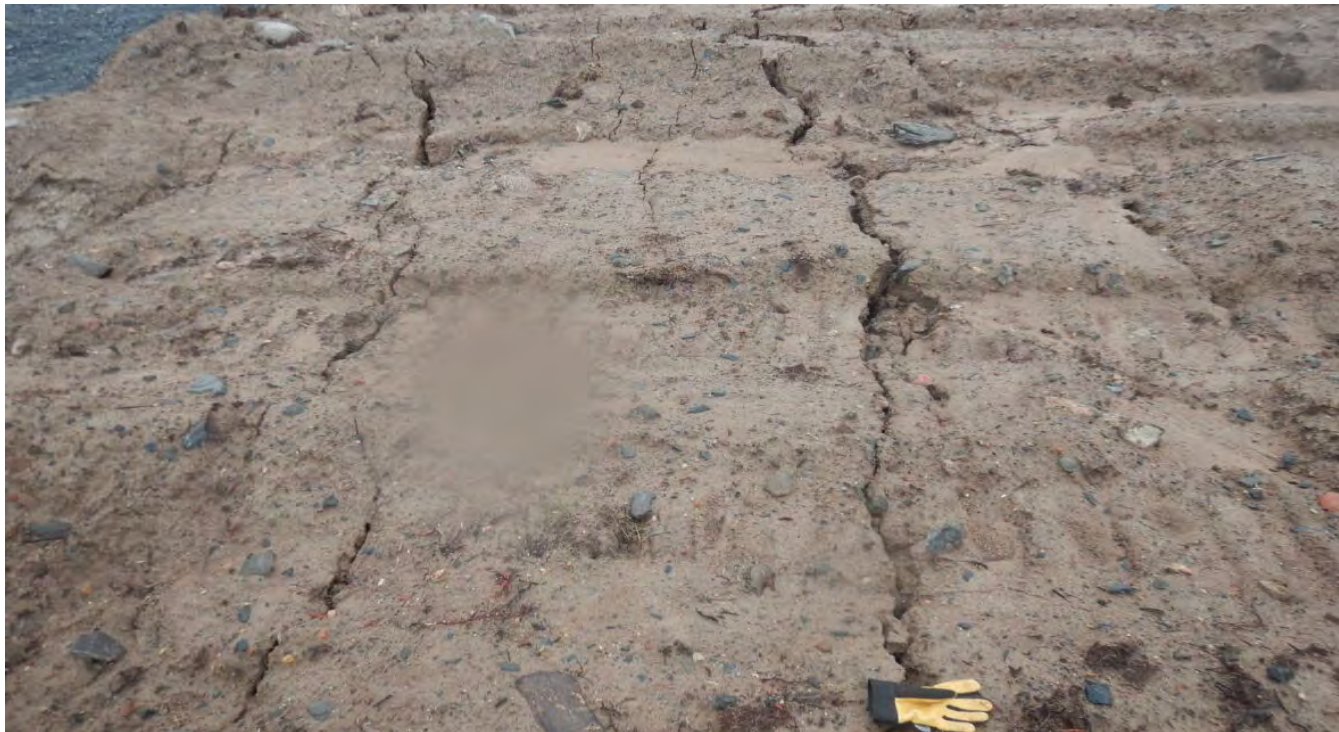




G-14. Erosion gullies at the SSW wall of Echo Pit



G-15. Tension cracks at the crest of the SSE



G-16. Tension cracks at the crest of the SSE



G-17 – SSW slope of Echo Pit





		2023 Annual Geotechnical Inspection		
		Echo Pit Overburden Stockpile		
Job No: CAPR003105 Filename: BackRiver_Goose_2023AGI_PhotoLog.pdf	Back River Project	Date: 2024-02-28	Approved: JBK	Figure: A.1-8





G-18



G-19



G-20



G-21



Job No: CAPR003105  
Filename: BackRiver\_Goose\_2023AGI\_Photos.pdf



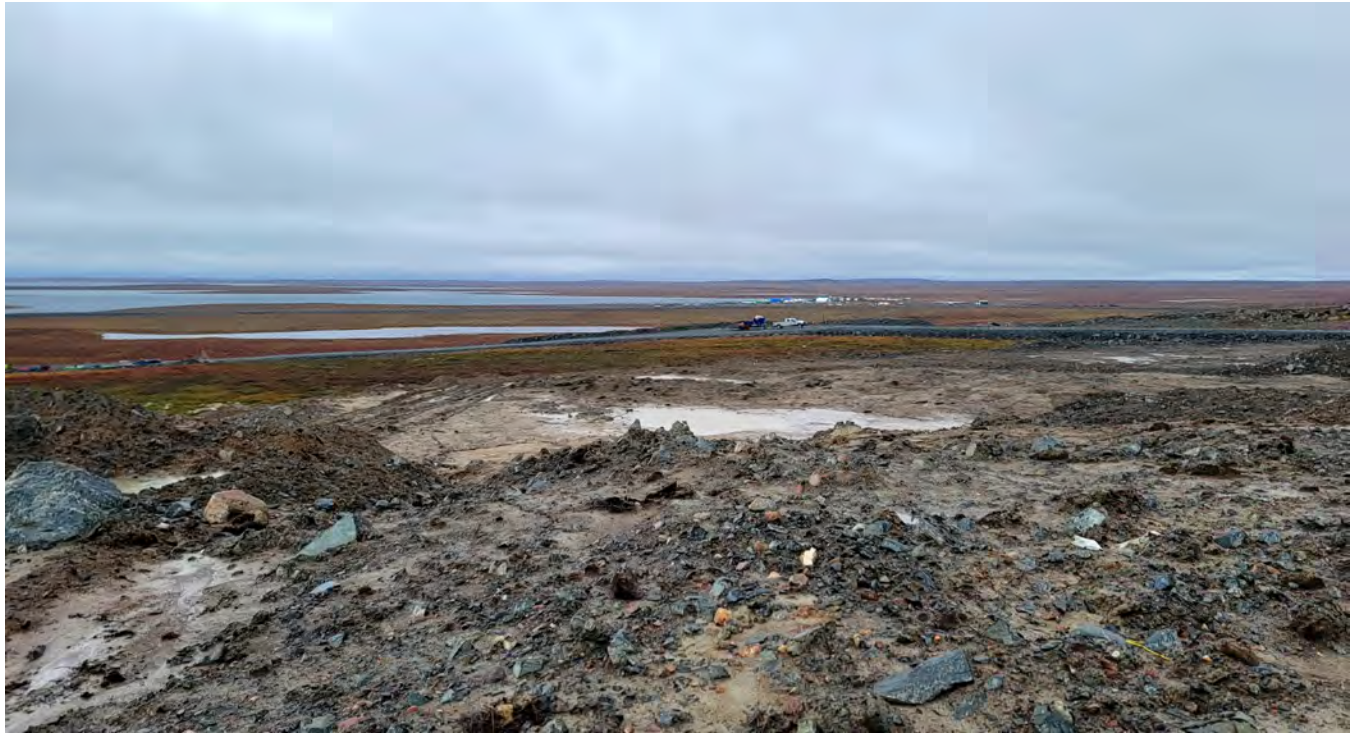
Back River Project

2023 Annual Geotechnical Inspection

Echo pit.  
Overburden Stockpile

Date: 2024-02-28	Approved: JBK	Figure: A.1-9
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G-22



G-23



G-24



G-25





		2023 Annual Geotechnical Inspection		
		Crusher Stockpile Area		
Job No: CAPR003105	Back River Project	Date:	Approved:	Figure:
Filename: BackRiver_Goose_2023AGI_Photolog.pdf		2024-02-28	JBK	A.1-11





G-26. - Crusher stockpile pad. Two piles of 1” crush



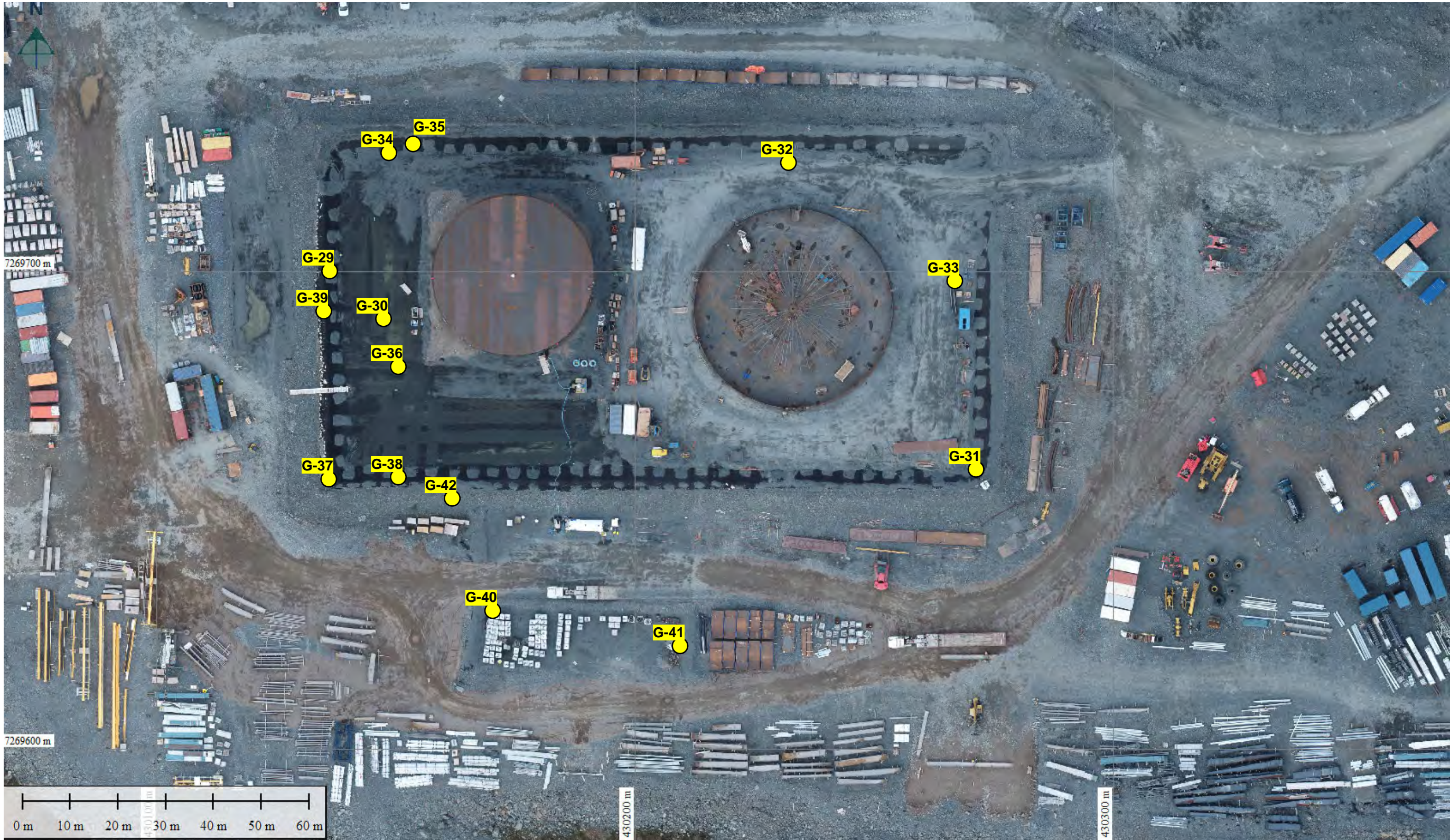
G-27. - Surface undulation of the crusher pad



G-28. - Crusher stockpile pad. Surface undulation

		2023 Annual Geotechnical Inspection		
		Crusher Stockpile Area		
Job No: CAPR003105 Filename: BackRiver_Goose_2023AGI_Photos.pdf	Back River Project	Date: 2024-02-28	Approved: JBK	Figure: A.1-12



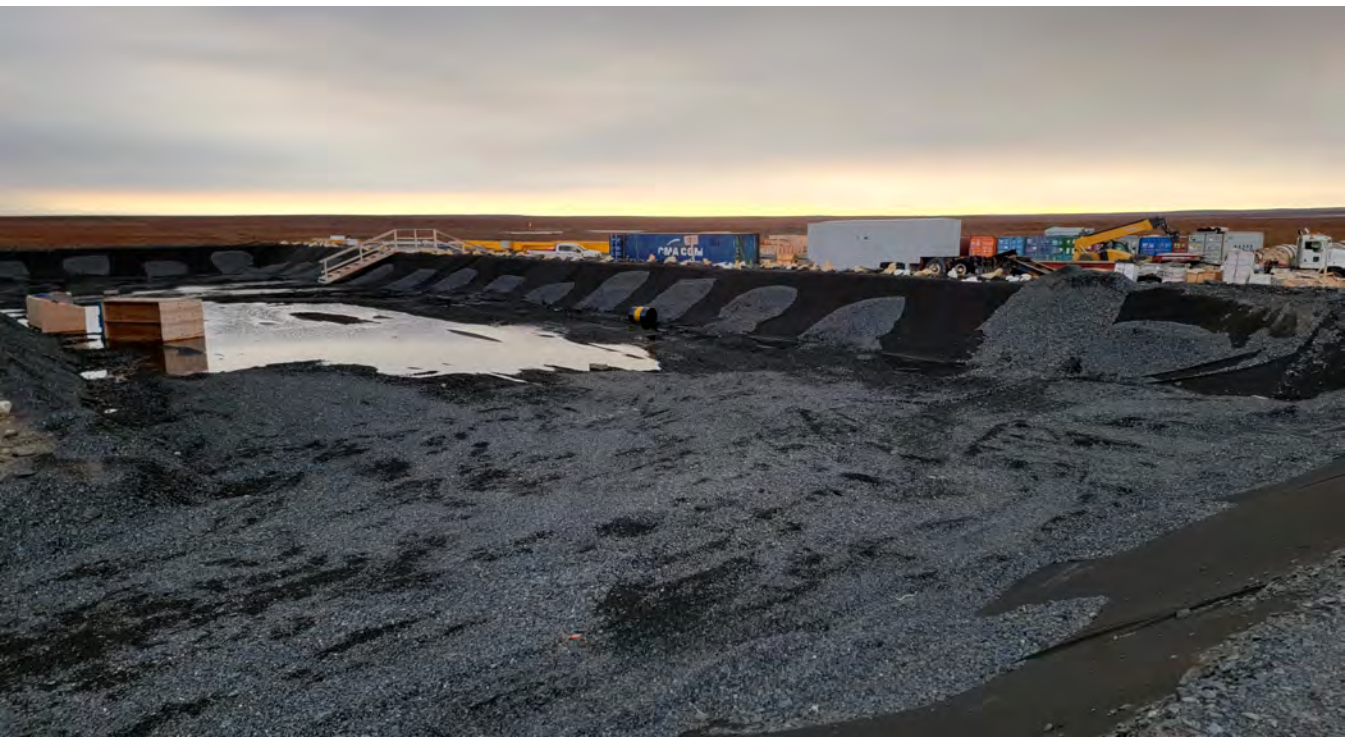


 Job No: CAPR003105 Filename: BackRiver_Goose_2023AGI_Photoslog.pdf	 Back River Project	2023 Annual Geotechnical Inspection		
		Goose Tank Farm		
		Date: 2024-02-28	Approved: JBK	Figure: A.1-13





G-29. – Northern berm of the containment area (inner and outer slopes), looking west



G-30. – Western berm of the containment area, looking south. Note ponding water at the base and exposed liner



G-31. – Southern berm, looking west.



G-32. – Pedestal of Tank #2 (northern side), looking south



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Filename: BackRiver\_Goose\_2023AGI\_Photos.pdf



Back River Project

2023 Annual Geotechnical Inspection

Goose Tank Farm

Date: 2024-02-28	Approved: JBK	Figure: A.1-14
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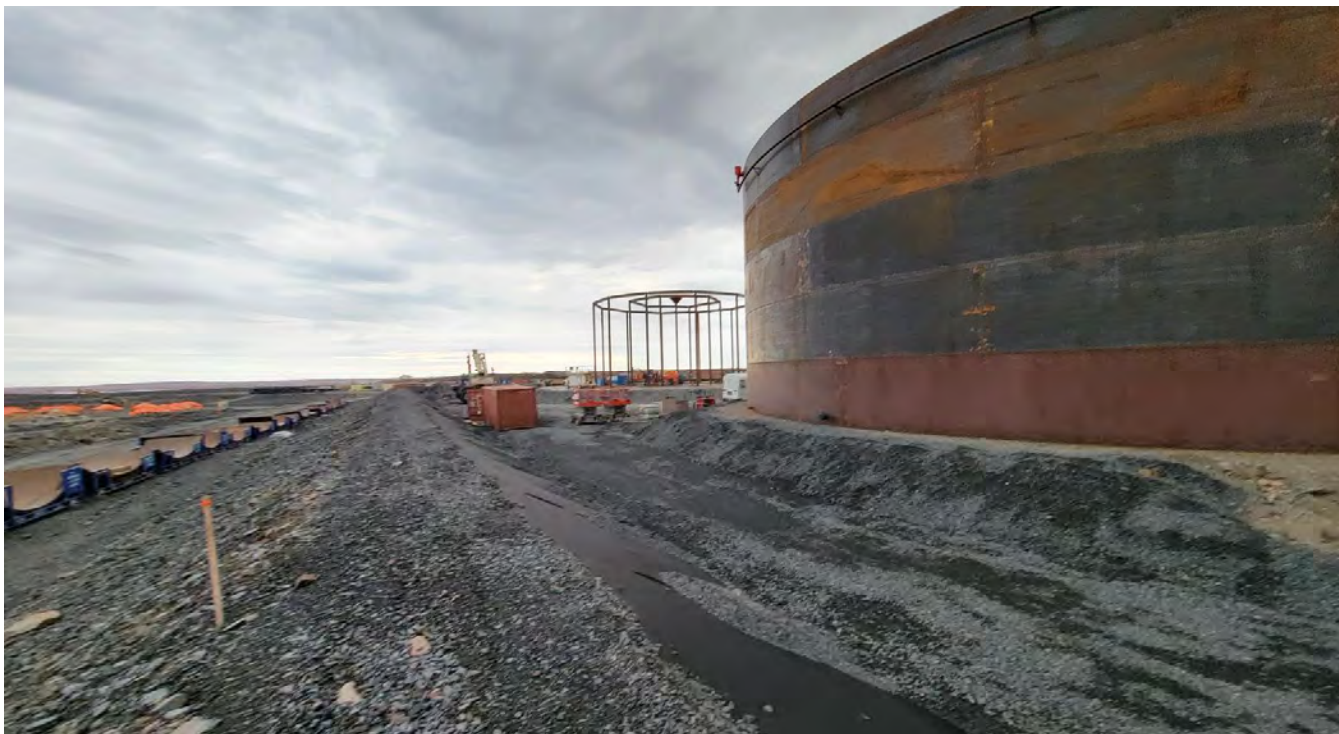




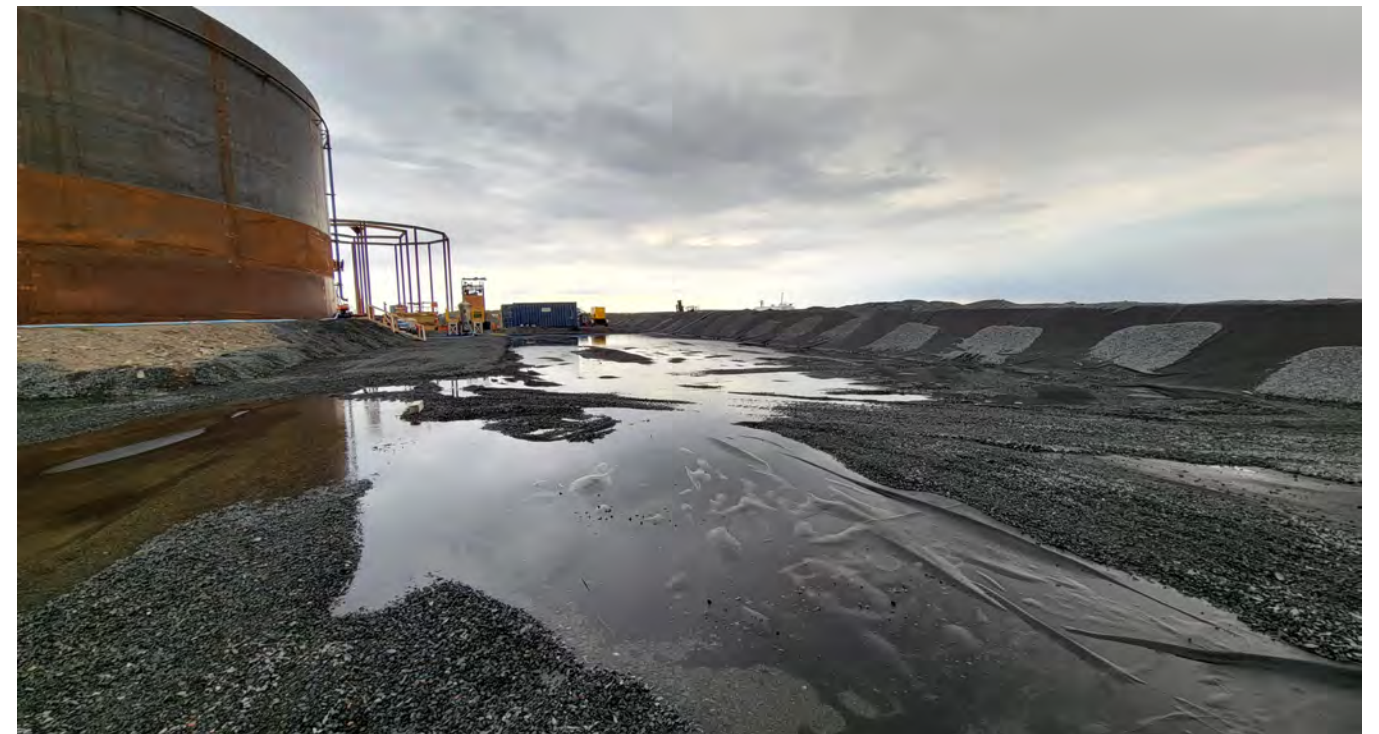
G-33. – Pedestal of Tank #2, looking west



G-34. - NW corner of the containment area and pedestal for Tank #1, looking SE.



G-35. – Western slope of the pedestal of Tank #1 , looking north



G-36. – Southern side of the containment area, looking east. Note that the ponding water and exposed liner at the base and slopes of the containment area





G-37 . – Edge of the HDPE liner is exposed on top of the SW corner of the berm, looking south



G-38. – Edge of the HDPE liner is exposed on top of the southern berm, looking east



G-39. – Southern berm of the containment area





G-40. – Base of the secondary containment storage area.



G-41. – Western berm of the secondary containment storage area, looking south. Note exposed HDPE liner



G-42. – Panoramic view of the secondary containment storage area, looking SE

		2023 Annual Geotechnical Inspection		
		Secondary Lubricant Storage Area		
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		2023 Annual Geotechnical Inspection		
		Camp Pad CWP		
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Filename: BackRiver_Goose_2023AGI_Photolog.pdf				





G-43. - Berm of the CWP. Western slope. Photo was taken looking W



G-44. - Berm of the CWP. Western slope. Photo was taken looking S



G-45 . Berm of the CWP. Eastern slope. Photo was taken looking E



G-46. - Berm of the CWP. Inner slope. Photo was taken looking SE.

		2023 Annual Geotechnical Inspection		
		Camp Pad CWP		
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G-47 – Eastern berm of Camp Pas CWP, looking SW



G-48. – Southern berm of Camp Pas CWP, looking SW



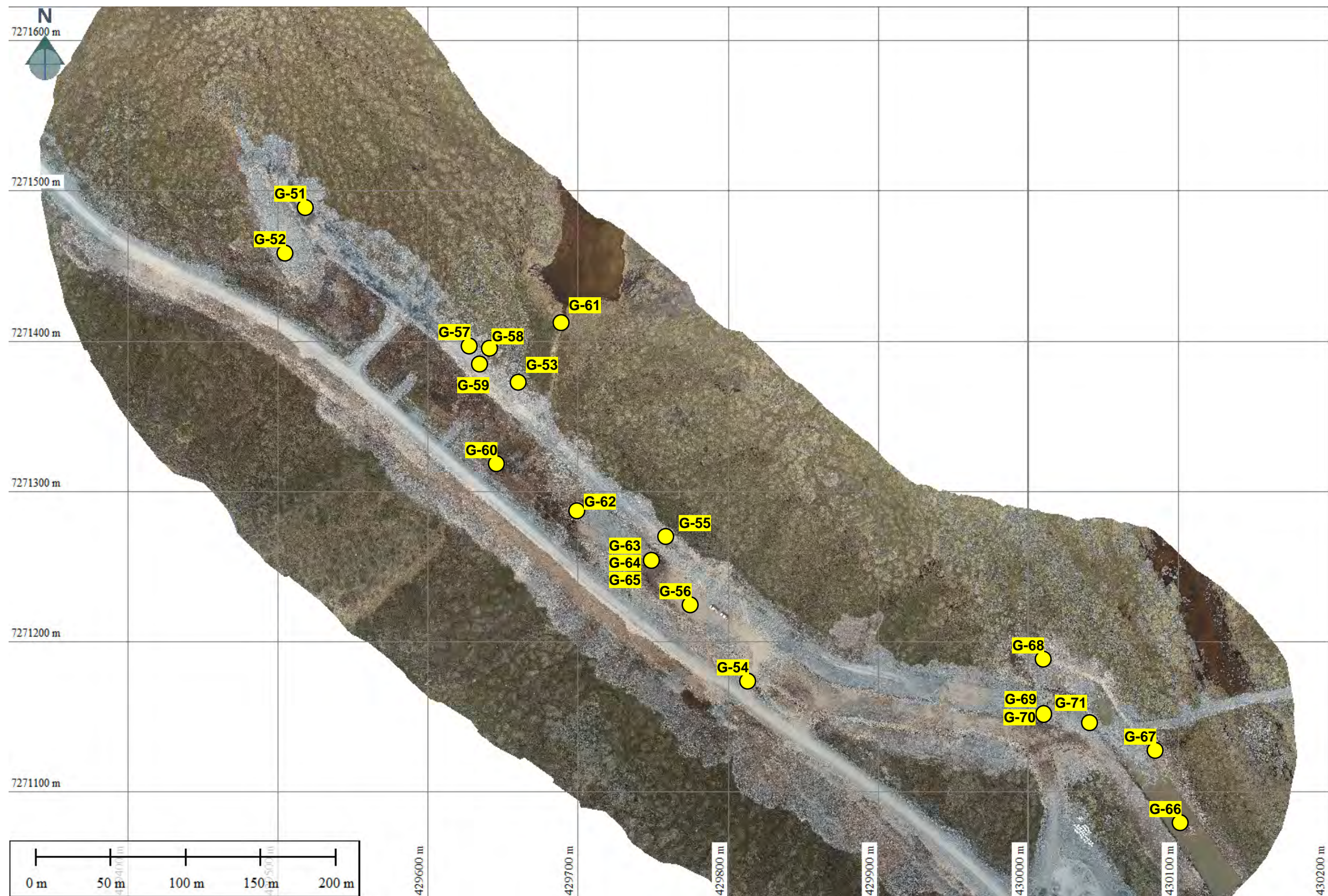
G-49. – HDPE liner is not anchored to the berm



G-50. - Base of Camp Pas CWP, looking NW

		2023 Annual Geotechnical Inspection		
		Camp Pad CWP		
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		2023 Annual Geotechnical Inspection		
		Primary Pond Dam		
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G-51. - A temporary access road at the upstream side of the key trench was built in Jan 2023, looking SE (approx. between Sta 0+50 and 0+150)



G-52. –Key trench winter protection approx. between Sta 0+70 and Sta+150



G-53.- Ponding water at the upstream side of the key trench approx.at Sta 0+250



G-54. – Ponding water at the downstream side of the key trench approx. at Sta 0+550

		2023 Annual Geotechnical Inspection		
		Primary Pond Dam		
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G-55. - Temporary Road along the upstream side of the key trench approx. at Sta 0+400



G-56. – Key trench winter cover approx. at Sta 0+410. Note the high overburden content in the ROQ/ROM



G-57. – Temporary Road along the upstream side of the key trench approx. at Sta 0+260. Note embankment degradation



G-58 and G-59. - Embankment degradation approx. at Sta 0+260.

		2023 Annual Geotechnical Inspection		
		Primary Pond Dam		
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G-60. – Ponding water at the downstream side of the key trench approx. at Sta 0+270



G-61. – A lake and a creek at the upstream side of the dam approx. at Sta 0+330, 35 m away from the dam alignment



G-62. – Minimum winter cover (bulk material placed approx. at Sta 0+430)

		2023 Annual Geotechnical Inspection		
		Primary Pond Dam		
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G-63. - A set of elongated cracks approx. at Sta 0+450



G-64. - A set of elongated cracks approx. at Sta 0+450



G-65. - Depression 0.5-0,7 m deep approx. at Sta 0+450.

		2023 Annual Geotechnical Inspection		
		Primary Pod Dam		
Job No: CAPR003105 Filename: BackRiver_Goose_2023AGI_Photoslog.pdf	Back River Project	Date: 2024-02-28	Approved: JBK	Figure: A.1-25





G-66. – Base and southern wall of the SE end of the spillway, looking SE



G-67. – Northern wall of the spillway



G-68. – Northern end Spillway, looking S

		2023 Annual Geotechnical Inspection		
		Primary Pond Dam. Spillway		
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G-69. - Erosion channel at the base of the spillway close to the northern end



G-70. - Overburden material at the northern wall of the spillway



G-71. - Bedrock – overburden contact at the base of the spillway

		2023 Annual Geotechnical Inspection		
		<b>Primary Pond Dam. Spillway</b>		
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2023 Annual Geotechnical Inspection

All-Weather Road

Job No: CAPR003105  
Filename: BackRiver\_Goose\_2023AGI\_Photoslog.pdf

Back River Project

Date:  
2024-02-28

Approved:  
JBK

Figure:  
A.1-28





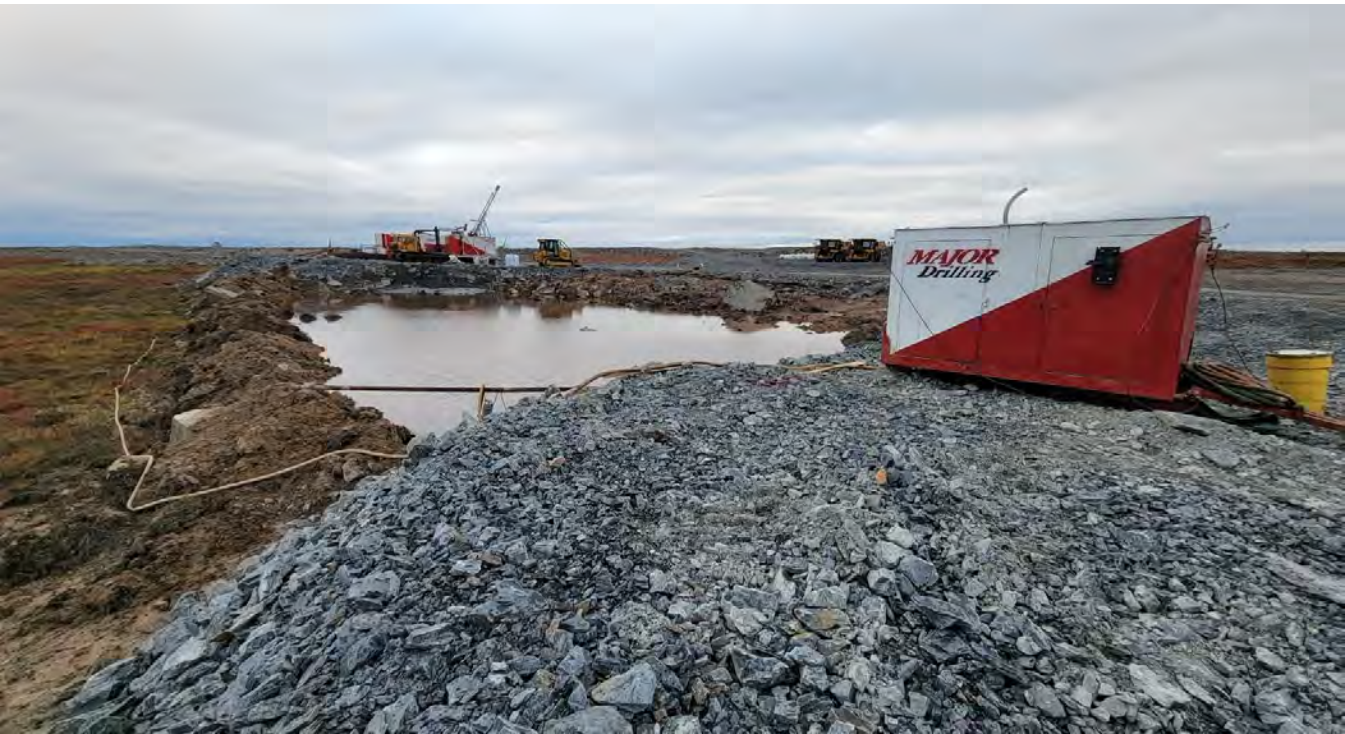
G-72. - Road embankment undulation



G-73. - Road embankment undulation



G-74. - Downstream side of the runway. Piles of the overburden material



G-75. - A pond to support Exploration Operations





G-76. - Culvert. Inlet



G-77. – Culver. Outlet



G-78. - Culvert. Inlet



G-79. - Culvert. Outlet



Job No: CAPR003105  
Filename: BackRiver\_Goose\_2023AGI\_Photoslog.pdf



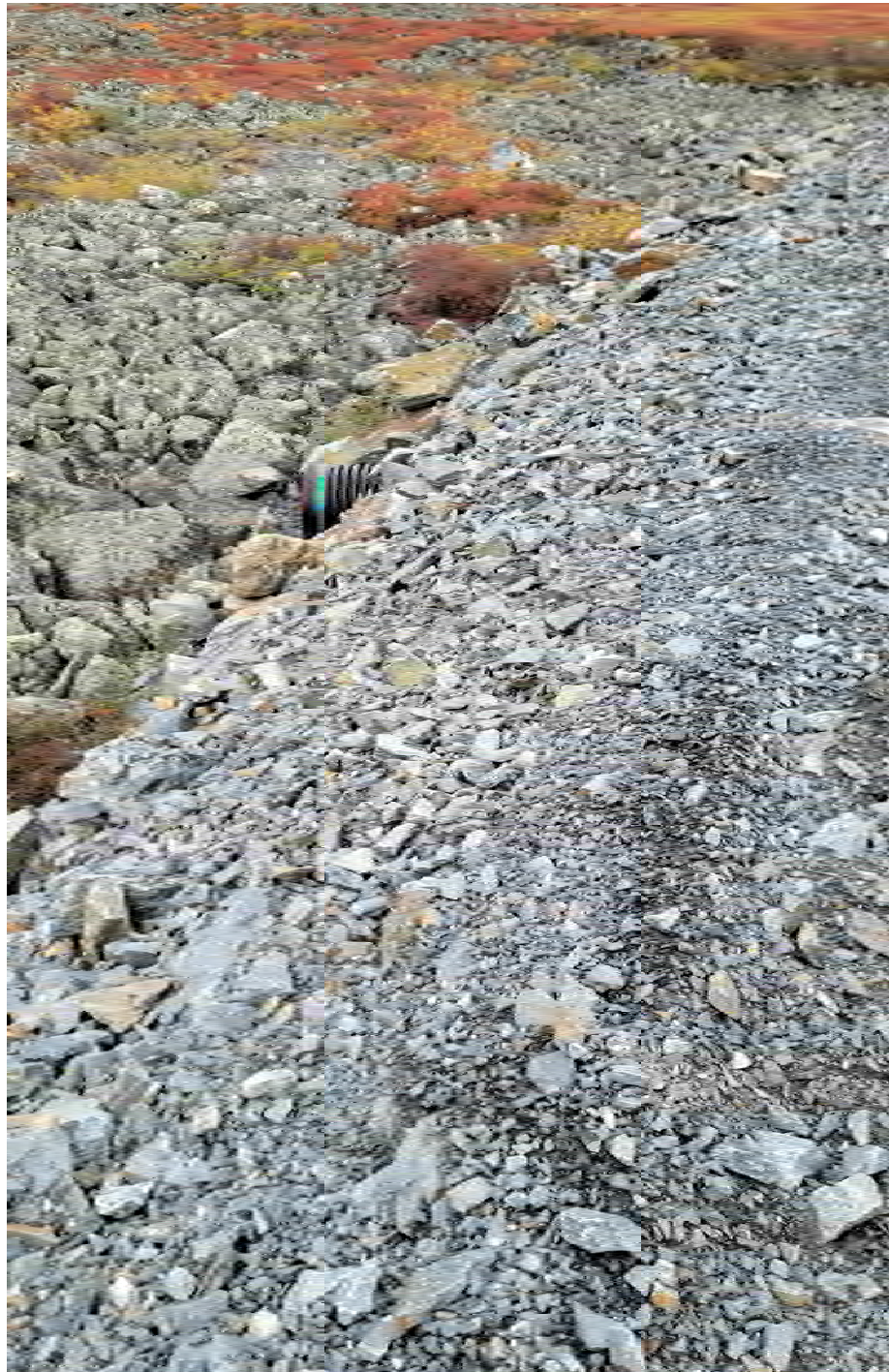
Back River Project

2023 Annual Geotechnical Inspection

All-Weather Road.  
Neck Crossing

Date: 2024-02-28	Approved: JBK	Figure: A.1-30
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G-80. - Culvert. Inlet



G-81. - The outlet is covered with large boulders.



Photo G-82. - Example of the fill material used for the all-weather road construction. Some boulders greater than 0.8m in diameter are found at the toe of the embankment. Note the thickness and slope angle of the embankment. The photo was taken looking south.

		2023 Annual Geotechnical Inspection		
		All-Weather Road. Neck Crossing		
Job No: CAPR003105 Filename: BackRiver_Goose_2023AGI_Photolog.pdf	Back River Project	Date: 2024-02-28	Approved: JBK	Figure: A.1-31





Photo G-83. – Damaged culvert



Photo G-84. – A creek at the western side of the road.



G-85. – An old borehole was found on the eastern side of the road

		2023 Annual Geotechnical Inspection		
		All-Weather Road. Neck Crossing		
Job No: CAPR003105 Filename: BackRiver_Goose_2023AGI_Photoslog.pdf	Back River Project	Date: 2024-02-28	Approved: JBK	Figure: A.1-32





G-86. – Ponding waters at the eastern side of the road



G-87. – Ponding waters at the eastern side of the road



G-88. – Ground temperature monitoring station at the western toe of the Neck Crossing road





Job No: CAPR003105  
Filename: BackRiver\_Goose\_2023AGI\_PhotoLog.pdf



Back River Project

2023 Annual Geotechnical Inspection

Echo Crossing

Date: 2024-02-28	Approved: JBK	Figure: A.1-34
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G-89. – Culvert: Outlet. Note some ponding water at the toe of the road



G-90. – Culvert: Inlet



G-91. – Culvert: Inlet. Note some ponding water at the toe of the road



G-92. – Outlet location. An outlet was buried under the engineering fill. Note the thickness of the fill material

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		Echo Crossing		
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Job No: CAPR003105  
Filename: BackRiver\_Goose\_2023AGI\_Photoslog.pdf



Back River Project

2023 Annual Geotechnical Inspection

Gander Crossing

Date: 2024-02-28	Approved: JBK	Figure: A.1-36
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G-93 – Culverts: Outlet



G-94. – Culverts: Inlet



G-95. Base of the culver #1



G-96. Base of the culvert #2



Job No: CAPR003105  
Filename: BackRiver\_Goose\_2023AGI\_Photoslog.pdf



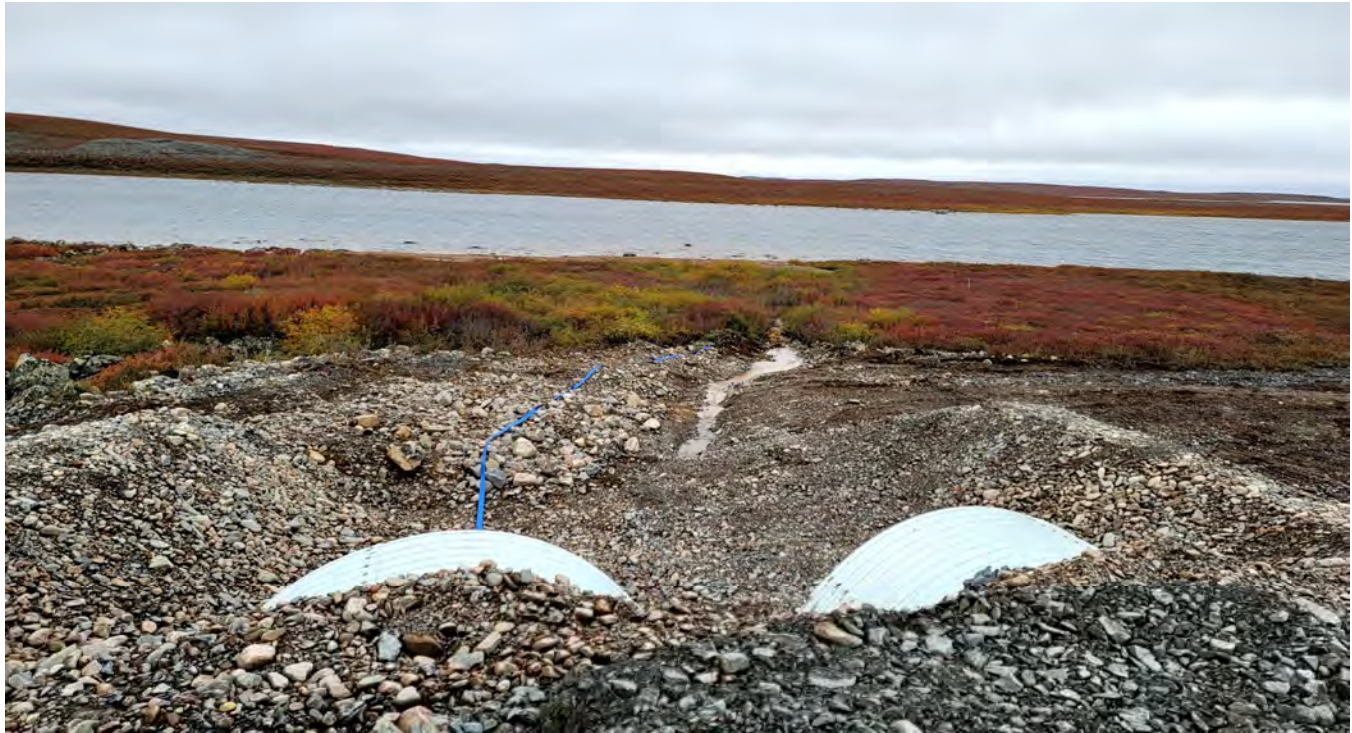
Back River Project

2023 Annual Geotechnical Inspection

Gander Crossing

Date: 2024-02-28	Approved: JBK	Figure: A.1-37
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G-97. – outlet looking northwest towards Goose Lake



G-98. - Damaged tundra around the construction site looking east towards the airstrip



G-99. - Overculvert fill material.



G-100. - Damaged tundra around the construction site looking southeast

		2023 Annual Geotechnical Inspection		
		Gander Crossing		
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