

January 5, 2017

Mr. Gary Latsha  
Inspector Supervisor  
PA Department of Environmental Protection  
Pottsville District Mining Operations  
5 West Laurel Boulevard  
Pottsville, PA 17901

**SUBJECT: New Hope Crushed Stone Quarry  
December 2016 CAP Monthly Report  
Compliance Order No. 16-5-032-N  
Noncoal Permit No. 7974SM3  
Solebury Township, Bucks County  
EarthRes Project No. 011012.015**

Dear Mr. Latsha:

On behalf of New Hope Crushed Stone & Lime Company (NHCS), EarthRes Group, Inc. (EarthRes) is providing the monthly Corrective Action Plan (CAP) update in response to Compliance Order No. 16-5-032-N issued by the Department and dated August 26, 2016. This letter and attached table details activities completed by NHCS during the month of December 2016.

There were 18 working days in December and NHCS completed reclamation / restoration activities in accordance with the manpower requirements detailed in the Department's January 29, 2016 letter. Reclamation was completed over 2.5 work days; stream reclamation was not completed due to weather conditions. Overall, 15.5 work days were lost due to inclement weather, namely from precipitation received on November 29 and 30; December 5, 6, 12, 18, 24 and 29; and freeze/thaw conditions that made the work areas saturated and muddy each day. These conditions are shown on the attached Photographs. The site conditions were confirmed by your office during inspections on December 2 and 21. The details of the work completed in December are provided in the attached table.

### **Conclusion**

NHCS had completed significant work in November, but efforts were reduced significantly in December due to winter weather conditions. However, NHCS is hopeful that upon resuming

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work in favorable weather conditions that make up reclamation volumes can be completed by the end of the 2<sup>nd</sup> quarter of 2016.

Work efforts on stream restoration and/or reclamation will continue in the coming months as scheduled, noting potential limitations due to weather, safety and other factors as indicated in the September 23, 2016 CAP and November 4, 2016 CAP update filed with the Department.

If you have any questions or need any additional information, please contact me at (215) 766-1211.

Sincerely,  
**EarthRes Group, Inc.**



Louis F. Vittorio, Jr., P.G.  
Vice President

Enclosure: December 2016 Reclamation and Restoration Efforts  
Site Photographs

cc: Ms. Christina Cursley, NHCS

**December, 2016**  
**Reclamation and Restoration Work**

**Days Worked:**

Days working on Reclamation	2.5
Days working in Stream	-
Inclement Weather	<u>15.5</u>
Total Working Days December	18.0

**Hours Worked:**

Working days per month:	18
Number of employees	4
Hours allotted per day	<u>7</u>

**Dirt Moved:**

	<u>Yards</u>	<u>Tons</u>
Days working on Reclamation	2.5	
Cubic Yards per hour	200	300
Hours allotted per day	7	
Required Yards/Tons to be moved	3,500	5,250

Hours to be worked for reclamation days	504
Less inclement weather days	<u>(434)</u>
	70

Actual hours worked on Rec *moving dirt	96
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Actual Dirt moved by trucks Reclamation Berm	5,475	8,212
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Total moved	5,475	8,212
Make-Up Reclamation Completed	1,975	2,962

Truck loads moved	<u>128</u>
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**Cummulative Stream Days**

	<u>Hours</u>	<u>Days</u>
Miscellaneous Repairs		
Actual Stream Work		



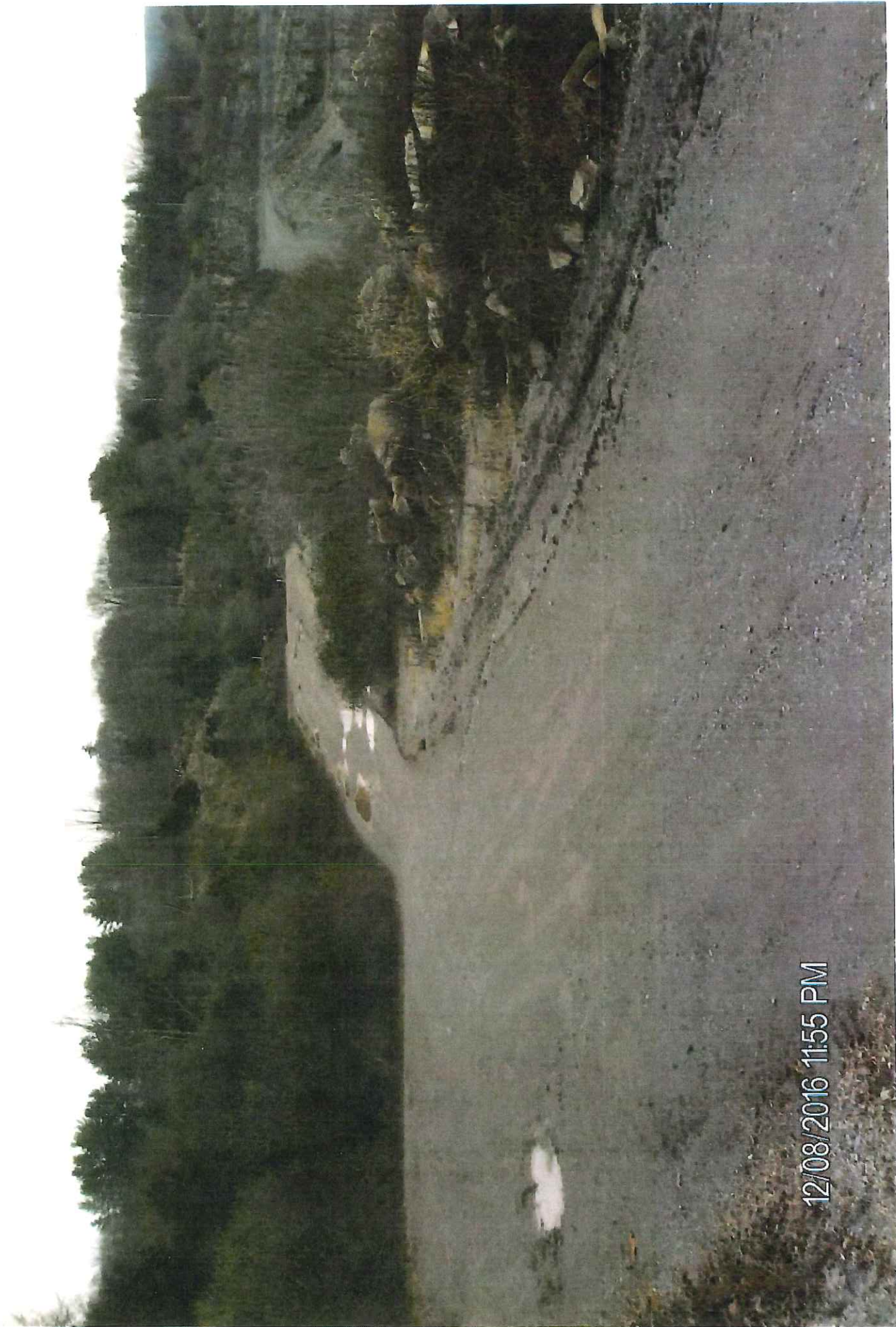
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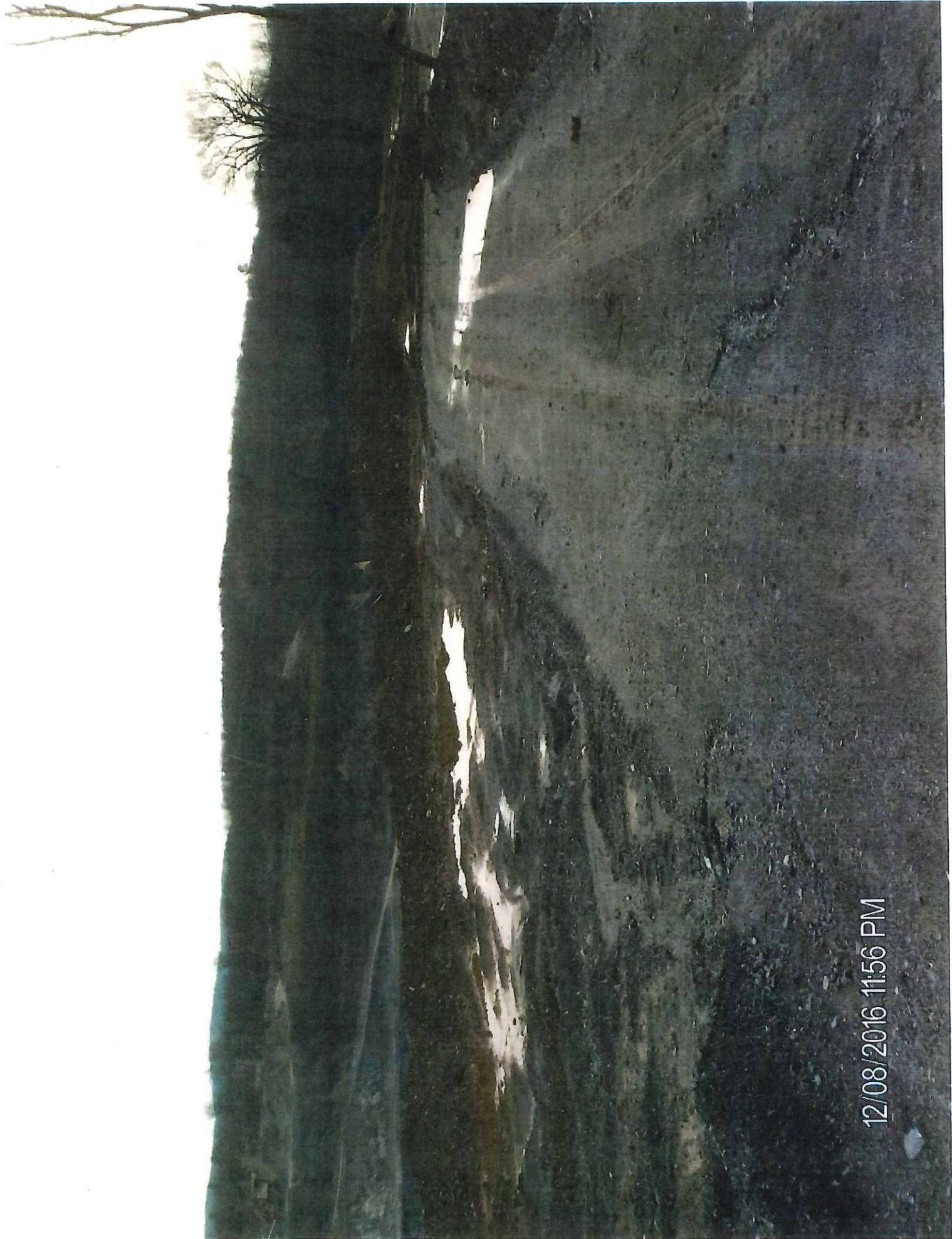
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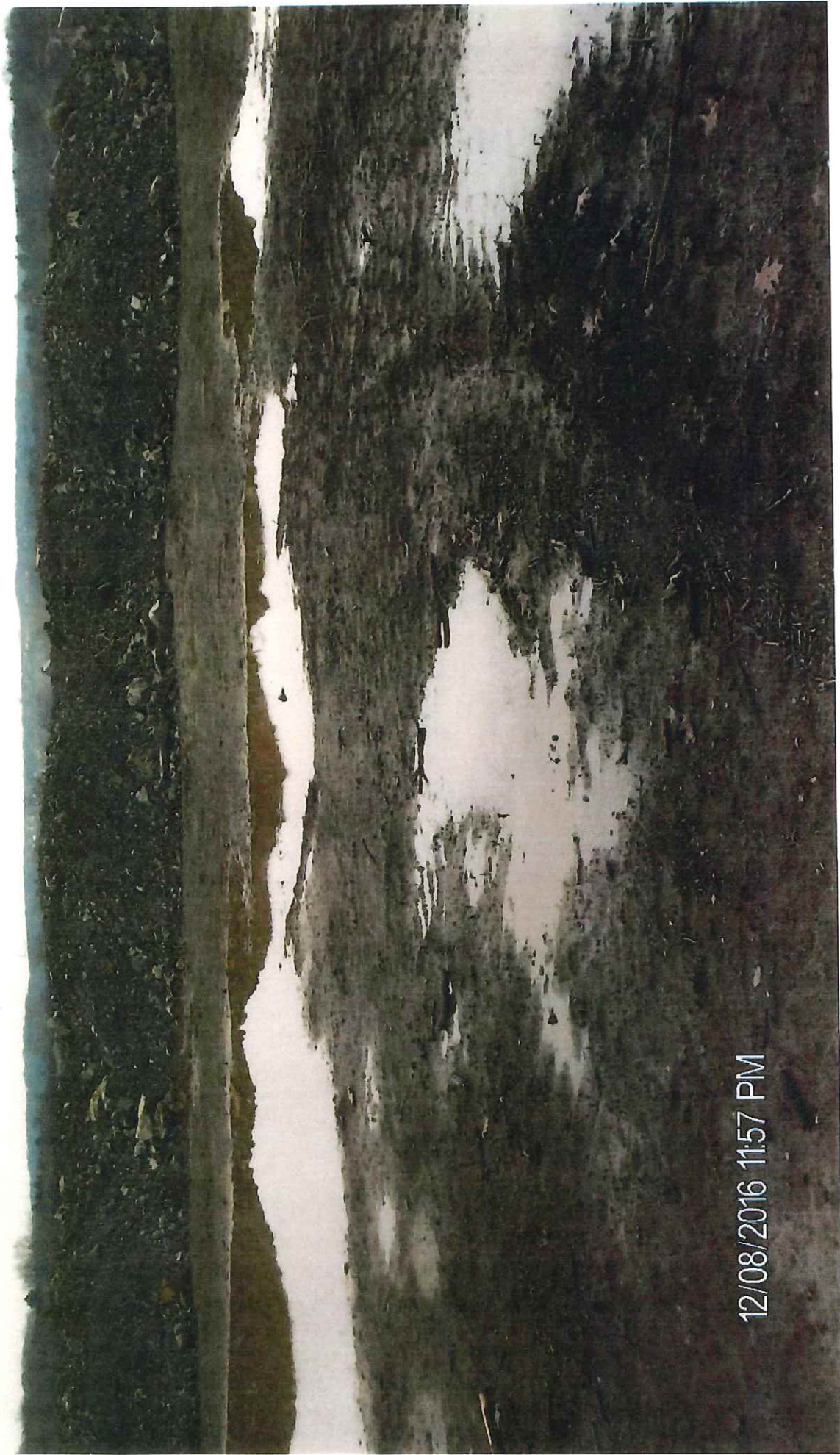
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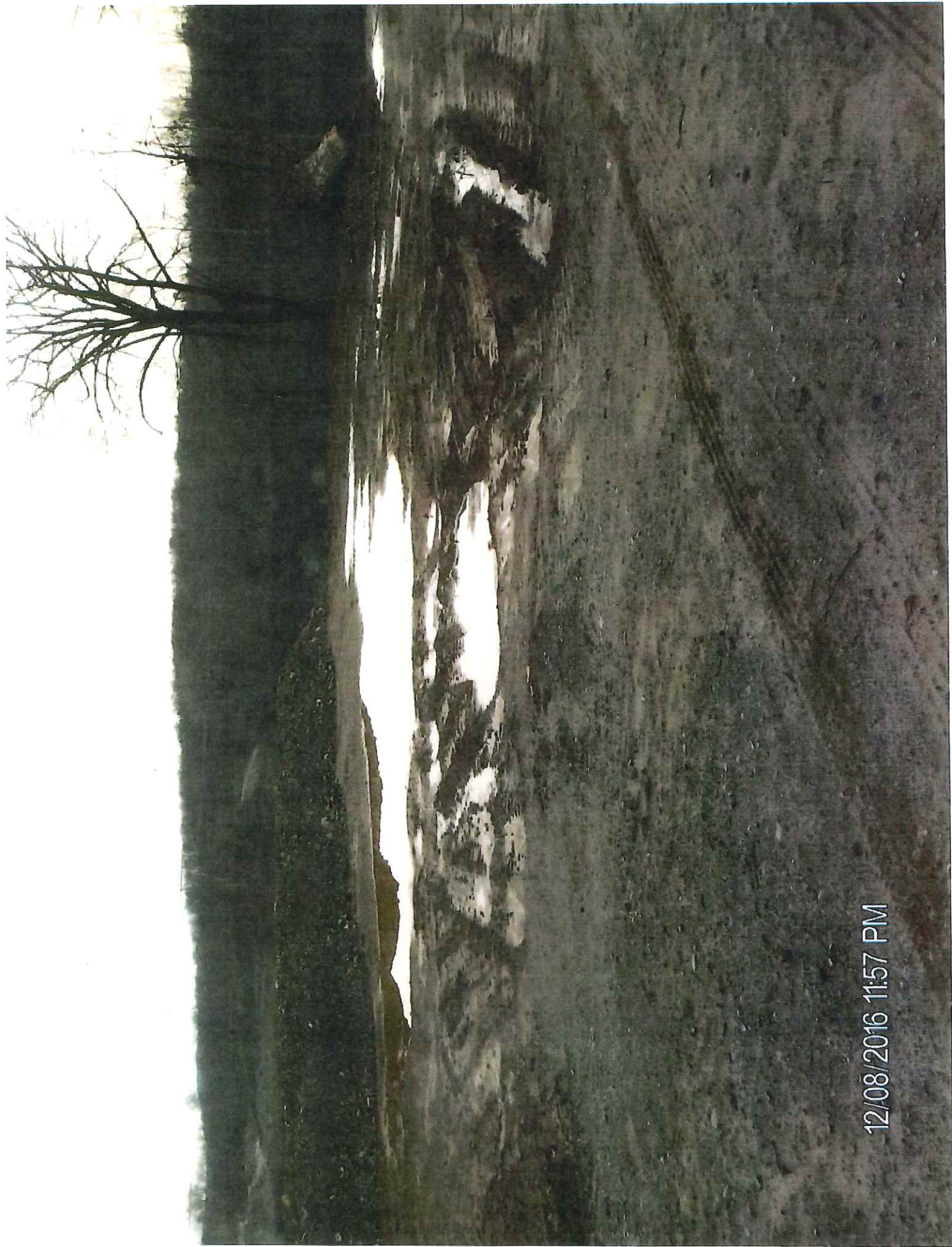
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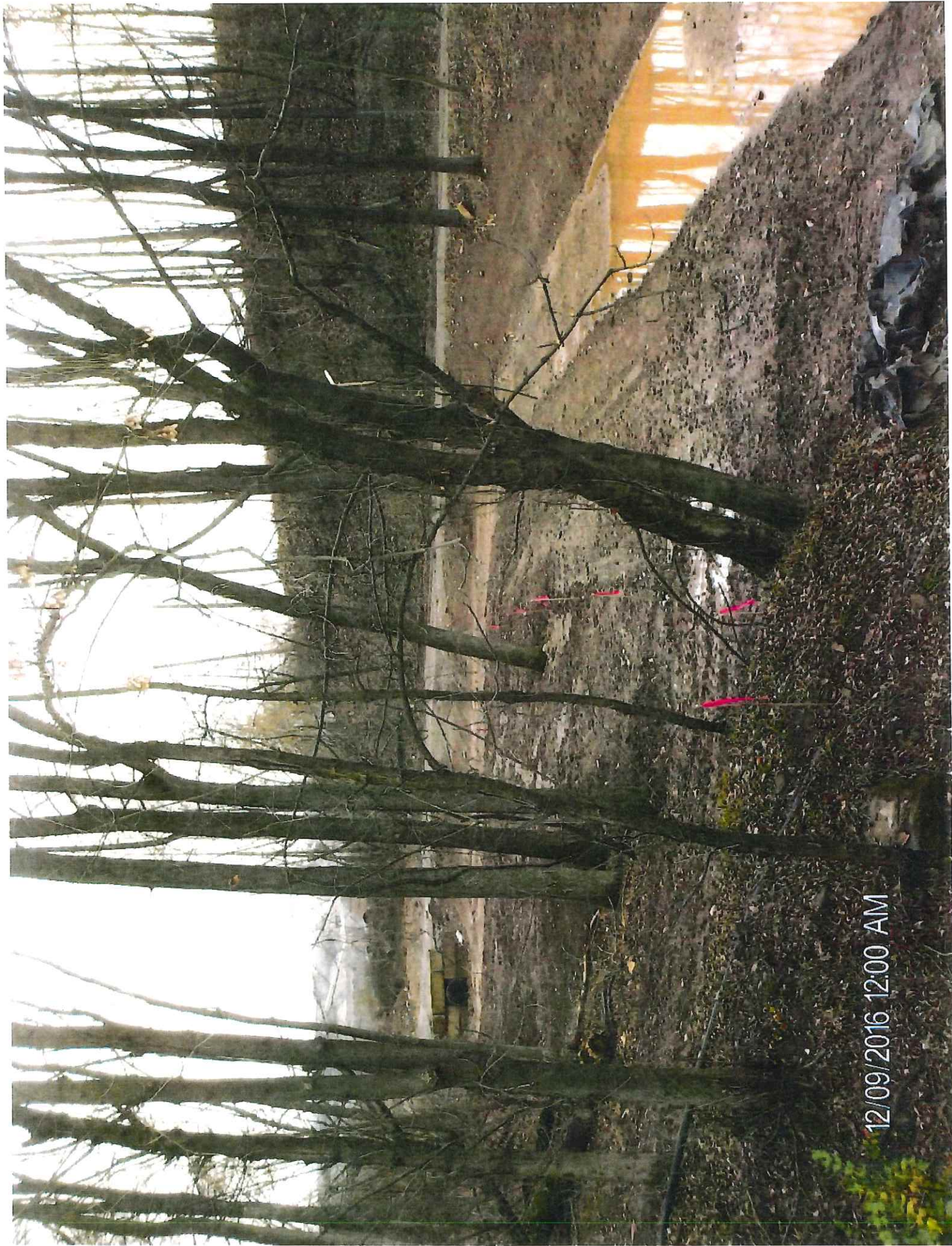
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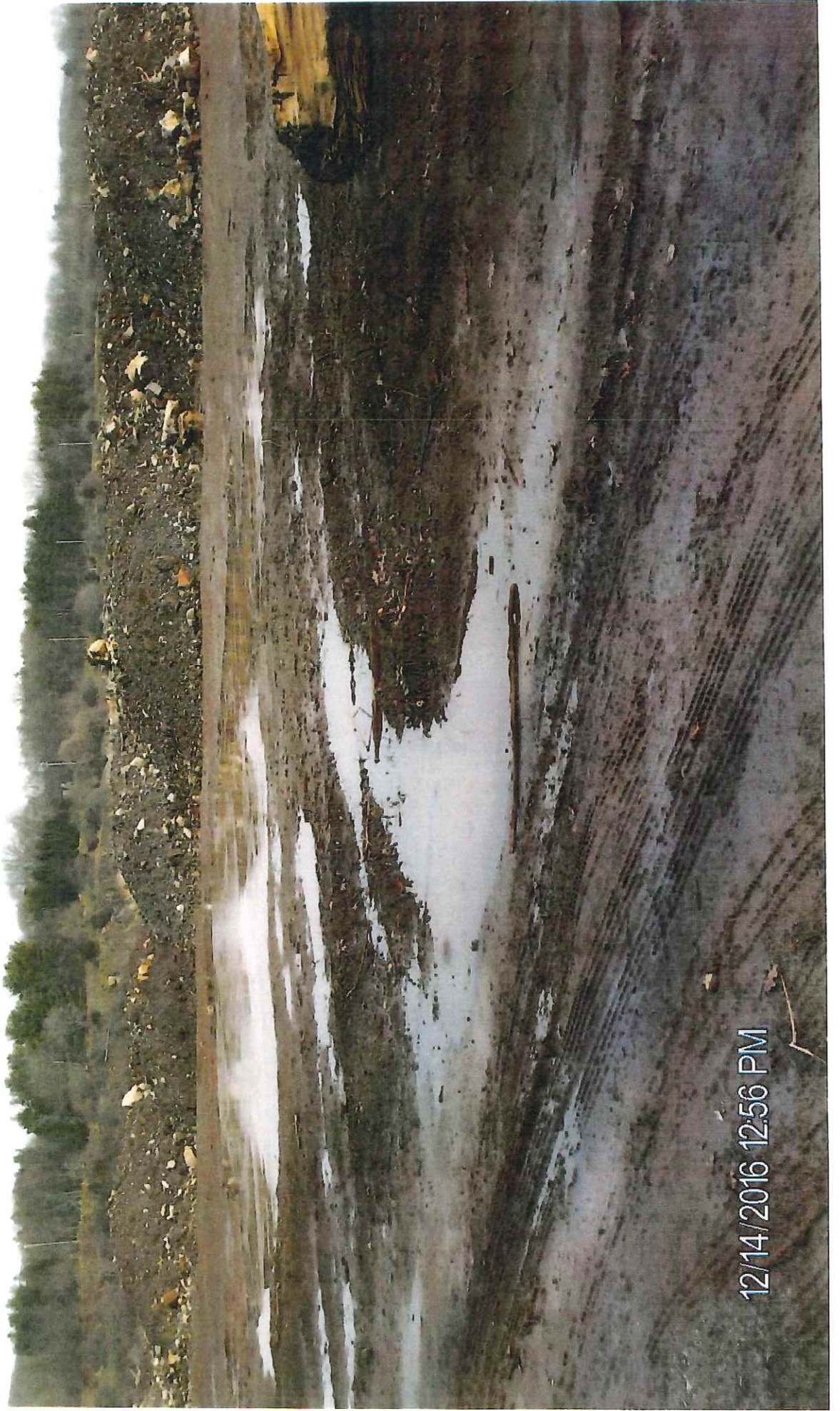
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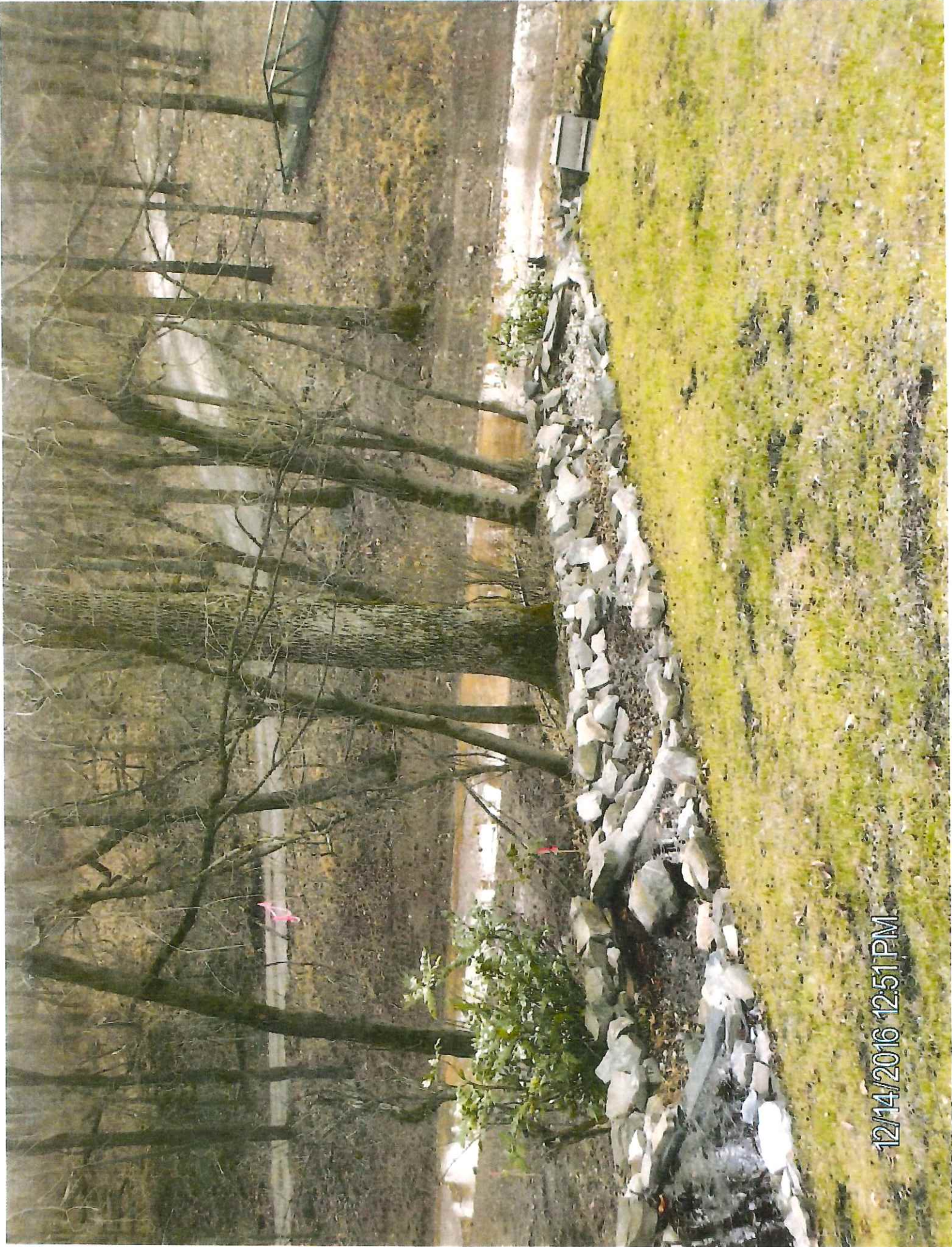
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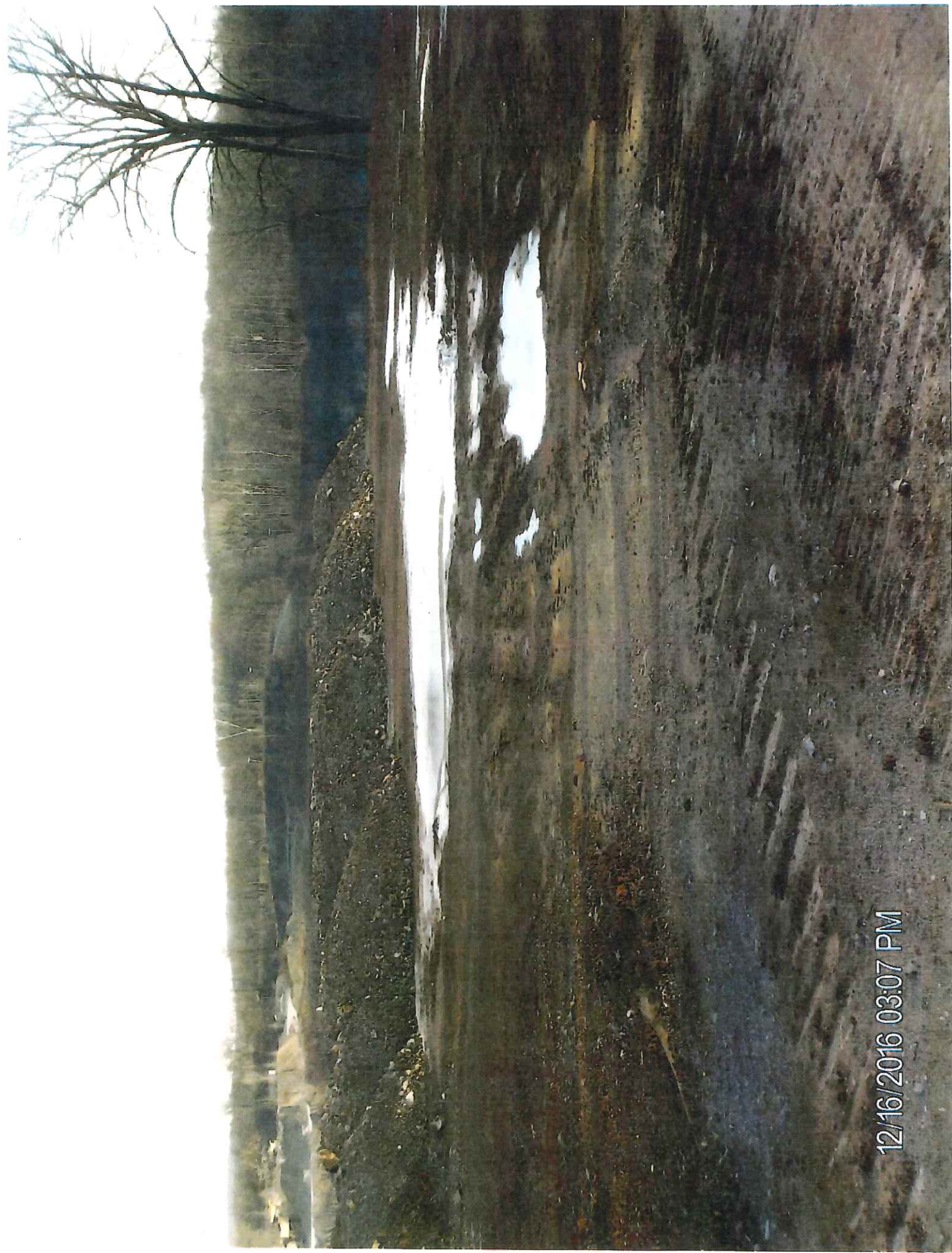


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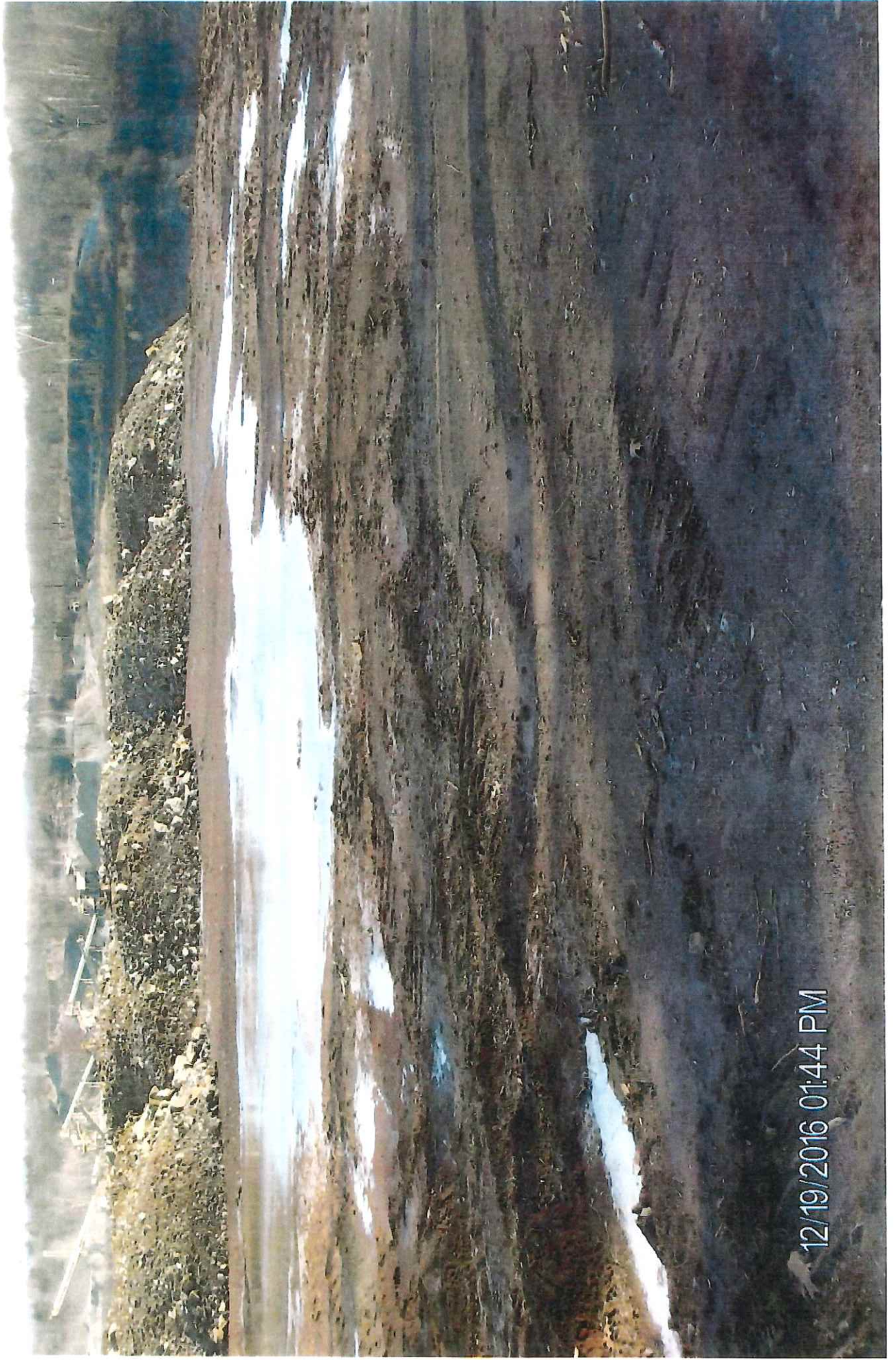


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