


Gully ID: 07:19-11:55	MAP 
Date & Time: July 19, 2021 11:55 AM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	High
Approximate Depth:	5-Deep (>15')
Approximate Bottom Width:	5-Narrow/V-Ditch
Approximate Gully Length:	5-Long (>100')
Condition of Gully Bottom:	5-Bare Soil
Condition of Gully Banks:	3-Some Vegetation
Gully Bank Angles:	5-Acute (<45 degrees or undercut)
Gully Shape:	5-V-Shaped
Gully Material:	Silt/Clay

Seep:	0-No	
Stormwater Runoff:	0-No	
Stormwater Inputs:		
Fallen Trees:	1-Yes	
Degradation:	5-Severe	
Aggradation:	3-Moderate	
Slumping:	1-Yes	
Additional Notes:	<p>Classification? High</p> <p>Presence of Water? Yes</p> <p>Quantity of Water? Puddles/Stagnant</p> <p>Notes/Comments: Very large gully with heavy erosion throughout. Fallen trees and uprooted trees on both banks, very steep angles, flows straight into the river, continuation of previous site, hanging roots on each side</p>	

Photo 1 Image



Photo 1 View Direction

Upstream

Photo 1 Caption

Right bank

Photo 2 Image



Photo 2 View Direction

Upstream

Photo 2 Caption

Left bank

Photo 3 Image



Photo 3 View Direction

Downstream

Photo 3 Caption

Left bank

Photo 4 Image




Photo 4 View Direction

Downstream

Photo 4 Caption

Right bank

Gully ID: 07:20-08:47	<p style="text-align: center;">MAP</p> 
Date & Time: July 20, 2021 8:47 AM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Moderate
Approximate Depth:	1-Shallow (<3')
Approximate Bottom Width:	3-Medium (1'-5')
Approximate Gully Length:	3-Medium (50'-100')
Condition of Gully Bottom:	5-Bare Soil
Condition of Gully Banks:	1-Heavy Vegetation
Gully Bank Angles:	1-Obtuse (>90 degrees or flat)
Gully Shape:	1-Trapezoid
Gully Material:	Silt/Clay

Seep:	0-No	
Stormwater Runoff:	1-Yes	
Stormwater Inputs:	3-Low Flow	
Fallen Trees:	0-No	
Degradation:		1-Low
Aggradation:		1-Low
Slumping:		0-No
Additional Notes:	<p>Classification? Moderate</p> <p>Presence of Water? Yes</p> <p>Quantity of Water? Trickle/Slow Moving</p> <p>Notes/Comments: Pipe under sidewalk that has water flowing out of it, boulders along pipe to slow erosion, it much visible degradation</p>	

Photo 1 Image



Photo 1 View Direction

Downstream

Photo 1 Caption

Gully

Photo 2 Image



Photo 2 View Direction

Downstream

Photo 2 Caption

Pipe

Photo 3 Image



Photo 3 View Direction

Downstream

Photo 3 Caption

Other side of sidewalk (further upstream)

Gully ID: 07:20-10:59	<p style="text-align: center;">MAP</p> 
Date & Time: July 20, 2021 10:59 AM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Moderate
Approximate Depth:	1-Shallow (<3')
Approximate Bottom Width:	1-Wide (>5')
Approximate Gully Length:	1-Short (<50')
Condition of Gully Bottom:	5-Bare Soil
Condition of Gully Banks:	1-Heavy Vegetation
Gully Bank Angles:	5-Acute (<45 degrees or undercut)
Gully Shape:	1-Trapezoid
Gully Material:	Silt/Clay

Seep:	0-No	
Stormwater Runoff:	1-Yes	
Stormwater Inputs:	0-None	
Fallen Trees:	0-No	
Degradation:	3-Moderate	
Aggradation:	1-Low	
Slumping:	1-Yes	
Additional Notes:	<p>Classification? Moderate</p> <p>Presence of Water? Yes</p> <p>Quantity of Water? Trickle/Slow Moving</p> <p>Notes/Comments: Pipe under railroad, water moving out of pipe, hanging roots along side, keeps going for a little bit into the marshy area</p>	

Photo 1 Image



Photo 1 View Direction

Downstream

Photo 1 Caption

Pipe and bottom

Photo 2 Image



Photo 2 View Direction

Downstream

Photo 2 Caption

Other pipe

Photo 3 Image




Photo 3 View Direction

Upstream

Photo 3 Caption

Other side of tracks

Gully ID: 07:20-10:22	<p style="text-align: center;">MAP</p> 
Date & Time: July 20, 2021 10:22 AM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Moderate
Approximate Depth:	3-Medium (3'-15')
Approximate Bottom Width:	1-Wide (>5')
Approximate Gully Length:	5-Long (>100')
Condition of Gully Bottom:	5-Bare Soil
Condition of Gully Banks:	3-Some Vegetation
Gully Bank Angles:	3-Mid-Range (45 to 90 degrees)
Gully Shape:	1-Trapezoid
Gully Material:	Gravel/Cobble/Boulders

Seep:	0-No	
Stormwater Runoff:	1-Yes	
Stormwater Inputs:	0-None	
Fallen Trees:	0-No	
Degradation:	3-Moderate	
Aggradation:	1-Low	
Slumping:	1-Yes	
Additional Notes:	<p>Classification? Moderate</p> <p>Presence of Water? Yes</p> <p>Quantity of Water? Torrent/Fast Moving</p> <p>Notes/Comments: Large stream flowing moderately fast towards the river, pipes that go underneath road upstream, hanging roots on right bank, boulders on left bank, pipe outfall on right bank</p>	

Photo 1 Image



Photo 1 View Direction

Upstream

Photo 1 Caption

Pipes

Photo 2 Image



Photo 2 View Direction

Right Bank

Photo 2 Caption

Pipe

Photo 3 Image



Photo 3 View Direction

Downstream

Photo 3 Caption

Left bank

Photo 4 Image




Photo 4 View Direction

Downstream

Photo 4 Caption

Right bank

Gully ID: 07:20-10:41	<p style="text-align: center;">MAP</p> 
Date & Time: July 20, 2021 10:41 AM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Moderate
Approximate Depth:	1-Shallow (<3')
Approximate Bottom Width:	1-Wide (>5')
Approximate Gully Length:	5-Long (>100')
Condition of Gully Bottom:	5-Bare Soil
Condition of Gully Banks:	1-Heavy Vegetation
Gully Bank Angles:	5-Acute (<45 degrees or undercut)
Gully Shape:	3-U-Shaped
Gully Material:	Silt/Clay

Seep:	0-No	
Stormwater Runoff:	1-Yes	
Stormwater Inputs:	3-Low Flow	
Fallen Trees:	1-Yes	
Degradation:		3-Moderate
Aggradation:		1-Low
Slumping:		0-No
Additional Notes:	<p>Classification? Moderate</p> <p>Presence of Water? Yes</p> <p>Quantity of Water? Trickle/Slow Moving</p> <p>Notes/Comments: Huge pipe outfall running under Union Pacific railroad tracks which has created a little gully stream</p>	

Photo 1 Image



Photo 1 View Direction

Downstream

Photo 1 Caption

Downstream view of pipe, gully cuts to the right after this area.

Photo 2 Image



Photo 2 View Direction

Downstream

Photo 2 Caption

Downstream view of winding gully.

Photo 3 Image



Photo 3 View Direction

Upstream

Photo 3 Caption

Upstream view of gully on other side of railroad tracks.

Photo 4 Image




Photo 4 View Direction

Gully Bottom

Photo 4 Caption

Gully bottom of upstream pipe with lots of debris stuck before pipe.

Gully ID: 07:20-10:02	<p style="text-align: center;">MAP</p> 
Date & Time: July 20, 2021 10:02 AM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Low
Approximate Depth:	1-Shallow (<3')
Approximate Bottom Width:	3-Medium (1'-5')
Approximate Gully Length:	1-Short (<50')
Condition of Gully Bottom:	3-Some Vegetation
Condition of Gully Banks:	3-Some Vegetation
Gully Bank Angles:	1-Obtuse (>90 degrees or flat)
Gully Shape:	3-U-Shaped
Gully Material:	Silt/Clay

Seep:	0-No	
Stormwater Runoff:	0-No	
Stormwater Inputs:		
Fallen Trees:	1-Yes	
Degradation:	1-Low	
Aggradation:	0-None	
Slumping:	0-No	
Additional Notes:	<p>Classification? Low</p> <p>Presence of Water? No</p> <p>Quantity of Water?</p> <p>Notes/Comments: Gully running in woods to eagle creek. Not a lot of vegetation just so,e trees. Only a couple leaning trees.</p>	

Photo 1 Image



Photo 1 View Direction

Downstream

Photo 1 Caption

Downstream view of gully.

Photo 2 Image



Photo 2 View Direction

Downstream

Photo 2 Caption

Continuation of downstream where gully flows into grassy area of eagle creek.

Photo 3 Image



Photo 3 View Direction

Upstream

Photo 3 Caption

Upstream view of gully.

Gully ID: 07:19-09:36	<p style="text-align: center;">MAP</p> 
Date & Time: July 19, 2021 9:36 AM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Moderate
Approximate Depth:	5-Deep (>15')
Approximate Bottom Width:	1-Wide (>5')
Approximate Gully Length:	3-Medium (50'-100')
Condition of Gully Bottom:	1-Heavy Vegetation
Condition of Gully Banks:	1-Heavy Vegetation
Gully Bank Angles:	3-Mid-Range (45 to 90 degrees)
Gully Shape:	3-U-Shaped
Gully Material:	Silt/Clay

Seep:	0-No	
Stormwater Runoff:	0-No	
Stormwater Inputs:		
Fallen Trees:	1-Yes	
Degradation:		1-Low
Aggradation:		1-Low
Slumping:		1-Yes
Additional Notes:	<p>Classification? Moderate</p> <p>Presence of Water? No</p> <p>Quantity of Water?</p> <p>Notes/Comments: Gully with decently steep bank angle, lots of vegetation throughout, many fallen trees and branches along bottom</p>	

Photo 1 Image



Photo 1 View Direction

Downstream

Photo 1 Caption

Right bank

Photo 2 Image



Photo 2 View Direction

Downstream

Photo 2 Caption

Left bank

Photo 3 Image




Photo 3 View Direction

Downstream

Photo 3 Caption

Middle

Gully ID: 07:19-09:52	<p style="text-align: center;">MAP</p> 
Date & Time: July 19, 2021 9:52 AM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	High
Approximate Depth:	1-Shallow (<3')
Approximate Bottom Width:	3-Medium (1'-5')
Approximate Gully Length:	5-Long (>100')
Condition of Gully Bottom:	1-Heavy Vegetation
Condition of Gully Banks:	3-Some Vegetation
Gully Bank Angles:	5-Acute (<45 degrees or undercut)
Gully Shape:	5-V-Shaped
Gully Material:	Silt/Clay

Seep:	1-Yes	
Stormwater Runoff:	0-No	
Stormwater Inputs:		
Fallen Trees:	1-Yes	
Degradation:	5-Severe	
Aggradation:	3-Moderate	
Slumping:	1-Yes	
Additional Notes:	<p>Classification? High</p> <p>Presence of Water? No</p> <p>Quantity of Water?</p> <p>Notes/Comments: Gully which begins very narrow and small then reaches a point where it widens and becomes a little deeper. There is a ton of vegetation on the bottom , but the banks just have a little bit.</p>	

Photo 1 Image



Photo 1 View Direction

Downstream

Photo 1 Caption

Downstream view of gully where it widens. Lots of fallen branches and trees in the channel. Severe degradation is visible on the right bank.

Photo 2 Image



Photo 2 View Direction

Upstream

Photo 2 Caption

Upstream view of where gully slopes down and becomes more severe.

Photo 3 Image



Photo 3 View Direction

Downstream

Photo 3 Caption

Downstream view of gully.

Photo 4 Image

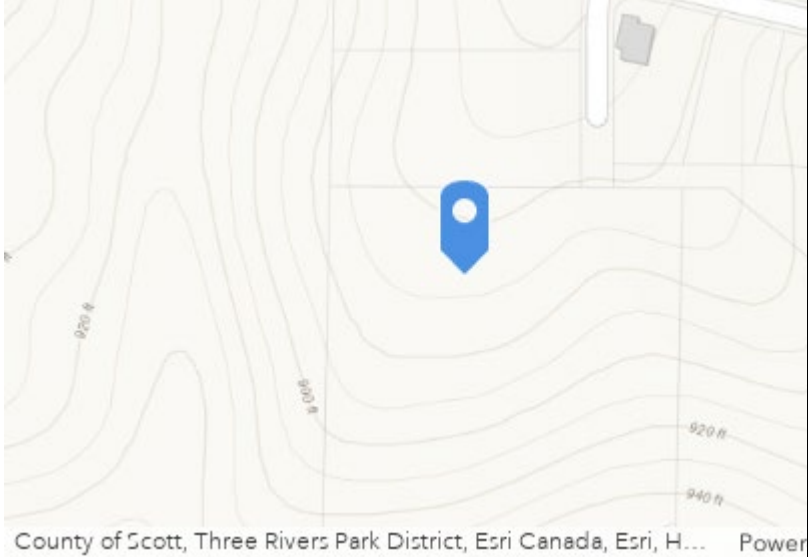


Photo 4 View Direction

Upstream

Photo 4 Caption

Upstream, view of beginning of gully. The darker and less vegetated area is where the narrow channel lies. Seeps are visible here.

Gully ID: 07:15-10:16	<p style="text-align: center;">MAP</p> 
Date & Time: July 15, 2021 10:16 AM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? Yes-High Intensity	
GULLY INFORMATION	
Calculated Erosion Potential:	Low
Approximate Depth:	5-Deep (>15')
Approximate Bottom Width:	1-Wide (>5')
Approximate Gully Length:	3-Medium (50'-100')
Condition of Gully Bottom:	1-Heavy Vegetation
Condition of Gully Banks:	1-Heavy Vegetation
Gully Bank Angles:	3-Mid-Range (45 to 90 degrees)
Gully Shape:	3-U-Shaped
Gully Material:	Silt/Clay

Seep:	0-No	
Stormwater Runoff:	0-No	
Stormwater Inputs:		
Fallen Trees:	1-Yes	
Degradation:	1-Low	
Aggradation:	0-None	
Slumping:	0-No	
Additional Notes:	<p>Classification? Low</p> <p>Presence of Water? No</p> <p>Quantity of Water?</p> <p>Notes/Comments: We could not fully access this site due to extremely hard to move through vegetation, but with the topography and the large trees slumping on both sides we believe it is a low priority gully. The pictures will not be good as we couldn't fully access it.</p>	

Photo 1 Image



Photo 1 View Direction

Upstream

Photo 1 Caption

Upstream view of gully from right side.

Photo 2 Image




Photo 2 View Direction

Upstream

Photo 2 Caption

Upstream view showing trees leaning in on both sides.

Gully ID: 07:15-12:03	<p style="text-align: center;">MAP</p> 
Date & Time: July 15, 2021 12:03 PM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? Yes-High Intensity	
GULLY INFORMATION	
Calculated Erosion Potential:	High
Approximate Depth:	3-Medium (3'-15')
Approximate Bottom Width:	5-Narrow/V-Ditch
Approximate Gully Length:	5-Long (>100')
Condition of Gully Bottom:	3-Some Vegetation
Condition of Gully Banks:	5-Bare Soil
Gully Bank Angles:	3-Mid-Range (45 to 90 degrees)
Gully Shape:	5-V-Shaped
Gully Material:	Silt/Clay

Seep:	0-No	
Stormwater Runoff:	0-No	
Stormwater Inputs:		
Fallen Trees:	1-Yes	
Degradation:		3-Moderate
Aggradation:		3-Moderate
Slumping:		1-Yes
Additional Notes:	<p>Classification? High</p> <p>Presence of Water? No</p> <p>Quantity of Water?</p> <p>Notes/Comments: Long gully that feeds straight into the river, more vegetation on bottom than banks, closer to the river trees are starting to uproot</p>	

Photo 1 Image



Photo 1 View Direction

Downstream

Photo 1 Caption

Right bank

Photo 2 Image



Photo 2 View Direction

Downstream

Photo 2 Caption

Left bank

Photo 3 Image



Photo 3 View Direction

Upstream

Photo 3 Caption

Gully

Gully ID: 07:15-11:55	<p style="text-align: center;">MAP</p> 
Date & Time: July 15, 2021 11:55 AM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? Yes-High Intensity	
GULLY INFORMATION	
Calculated Erosion Potential:	Moderate
Approximate Depth:	3-Medium (3'-15')
Approximate Bottom Width:	1-Wide (>5')
Approximate Gully Length:	5-Long (>100')
Condition of Gully Bottom:	3-Some Vegetation
Condition of Gully Banks:	1-Heavy Vegetation
Gully Bank Angles:	3-Mid-Range (45 to 90 degrees)
Gully Shape:	1-Trapezoid
Gully Material:	Gravel/Cobble/Boulders

Seep:	0-No	
Stormwater Runoff:	1-Yes	
Stormwater Inputs:	0-None	
Fallen Trees:	1-Yes	
Degradation:	3-Moderate	
Aggradation:	0-None	
Slumping:	0-No	
Additional Notes:	<p>Classification? Moderate</p> <p>Presence of Water? Yes</p> <p>Quantity of Water? Puddles/Stagnant</p> <p>Notes/Comments: Gully between Vernon Ave and Dan patch old railroad. The banks have rocks lining them that are falling into the water below. The pipe had no water flowing.</p>	

Photo 1 Image



Photo 1 View Direction

Downstream

Photo 1 Caption

Downstream view of gully.

Photo 2 Image



Photo 2 View Direction

Left Bank

Photo 2 Caption

View of pipe outfall on the left bank.

Photo 3 Image



Photo 3 View Direction

Downstream

Photo 3 Caption

Downstream view of degradation and leaning trees on the left bank.

Gully ID: 07:15-11:04	<p style="text-align: center;">MAP</p> 
Date & Time: July 15, 2021 11:04 AM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? Yes-High Intensity	
GULLY INFORMATION	
Calculated Erosion Potential:	Moderate
Approximate Depth:	1-Shallow (<3')
Approximate Bottom Width:	1-Wide (>5')
Approximate Gully Length:	5-Long (>100')
Condition of Gully Bottom:	5-Bare Soil
Condition of Gully Banks:	1-Heavy Vegetation
Gully Bank Angles:	1-Obtuse (>90 degrees or flat)
Gully Shape:	1-Trapezoid
Gully Material:	Silt/Clay

Seep:	0-No	
Stormwater Runoff:	1-Yes	
Stormwater Inputs:	3-Low Flow	
Fallen Trees:	1-Yes	
Degradation:	0-None	
Aggradation:	1-Low	
Slumping:	0-No	
Additional Notes:	<p>Classification? Moderate</p> <p>Presence of Water? Yes</p> <p>Quantity of Water? Trickle/Slow Moving</p> <p>Notes/Comments: This gully consists of a stream running through a pipe under a road. There is not much degradation visible at all. there is a second pipe draining into the left bank of the gully but is so nestled into the bank it can barely be seen.</p>	

Photo 1 Image



Photo 1 View Direction

Downstream

Photo 1 Caption

Downstream view of gully from above pipe. Could not get picture of pipe due to heavy vegetation and the pipe being nestled into the bank.

Photo 2 Image



Photo 2 View Direction

Downstream

Photo 2 Caption

Downstream view of leaning trees.

Photo 3 Image



Photo 3 View Direction

Upstream

Photo 3 Caption

Upstream view of large pipe that drains into the other side of the gully.

Gully ID: 06:09-09:53	<p style="text-align: center;">MAP</p> 
Date & Time: June 9, 2021 9:53 AM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Low
Approximate Depth:	3-Medium (3'-15')
Approximate Bottom Width:	1-Wide (>5')
Approximate Gully Length:	5-Long (>100')
Condition of Gully Bottom:	3-Some Vegetation
Condition of Gully Banks:	1-Heavy Vegetation
Gully Bank Angles:	1-Obtuse (>90 degrees or flat)
Gully Shape:	1-Trapezoid
Gully Material:	Silt/Clay

Seep:	0-No	
Stormwater Runoff:	0-No	
Stormwater Inputs:		
Fallen Trees:	0-No	
Degradation:	1-Low	
Aggradation:	0-None	
Slumping:	0-No	
Additional Notes:	<p>Classification? Low</p> <p>Presence of Water? No</p> <p>Quantity of Water?</p> <p>Notes/Comments: Gully between houses in neighborhood. Lots of vegetation on banks and some in bottom, but very sparse. Drain at other side of gully.</p>	

Photo 1 Image



Photo 1 View Direction

Downstream

Photo 1 Caption

View of downstream from the beginning of the gully at the drain.

Photo 2 Image

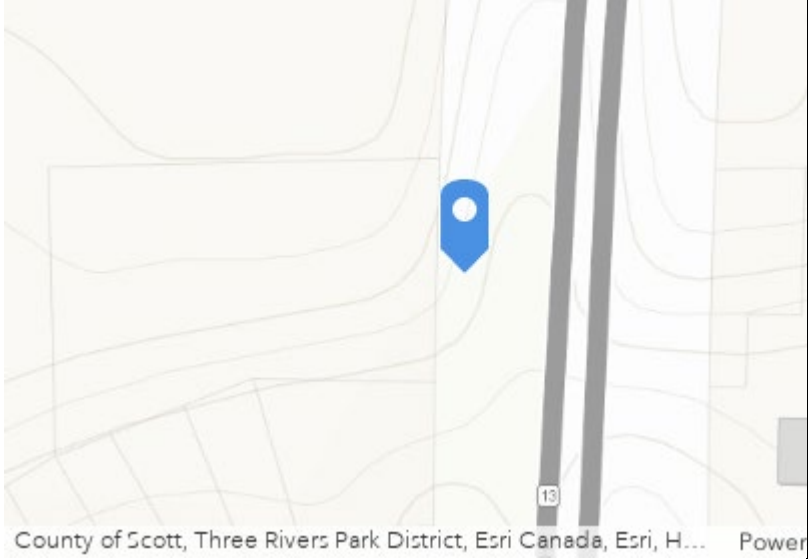


Photo 2 View Direction

Downstream

Photo 2 Caption

Downstream view of the rest of the gully, the rocky area is where the pipe is located, at the end of the gully there is another drainage pipe.

Gully ID: 06:21-01:28	<p style="text-align: center;">MAP</p> 
Date & Time: June 21, 2021 1:28 PM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? Yes-High Intensity	
GULLY INFORMATION	
Calculated Erosion Potential:	Moderate
Approximate Depth:	3-Medium (3'-15')
Approximate Bottom Width:	3-Medium (1'-5')
Approximate Gully Length:	1-Short (<50')
Condition of Gully Bottom:	3-Some Vegetation
Condition of Gully Banks:	3-Some Vegetation
Gully Bank Angles:	3-Mid-Range (45 to 90 degrees)
Gully Shape:	5-V-Shaped
Gully Material:	Silt/Clay

Seep:	0-No	
Stormwater Runoff:	0-No	
Stormwater Inputs:		
Fallen Trees:	1-Yes	
Degradation:		3-Moderate
Aggradation:		0-None
Slumping:		1-Yes
Additional Notes:	<p>Classification? Moderate</p> <p>Presence of Water? No</p> <p>Quantity of Water?</p> <p>Notes/Comments: Gully near highway 13 behind neighborhood off of state trail.</p>	

Photo 1 Image



Photo 1 View Direction

Downstream

Photo 1 Caption

Downstream view from trail.

Photo 2 Image

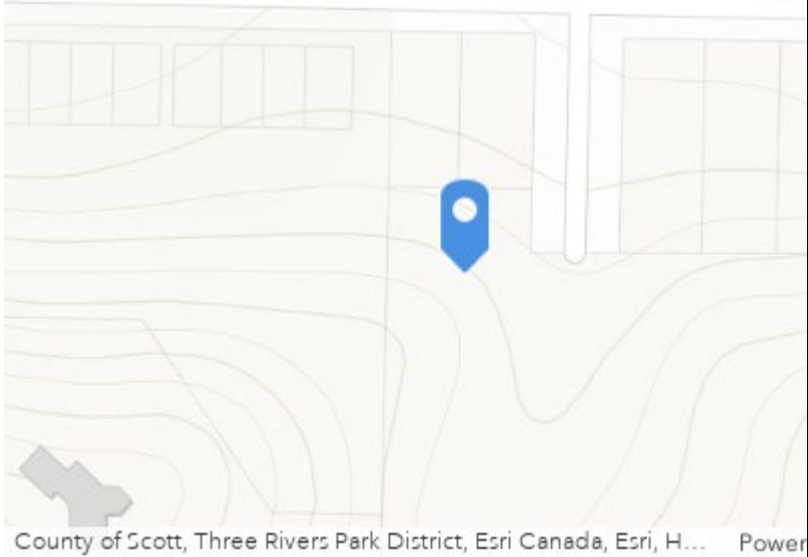


Photo 2 View Direction

Left Bank

Photo 2 Caption

Downstream view of right bank and large boulders on it.

Gully ID: 06:30-11:46	<p style="text-align: center;">MAP</p>  <p style="font-size: small; text-align: center;">County of Scott, Three Rivers Park District, Esri Canada, Esri, H... Power</p>
Date & Time: June 30, 2021 11:46 AM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Low
Approximate Depth:	3-Medium (3'-15')
Approximate Bottom Width:	1-Wide (>5')
Approximate Gully Length:	5-Long (>100')
Condition of Gully Bottom:	1-Heavy Vegetation
Condition of Gully Banks:	1-Heavy Vegetation
Gully Bank Angles:	1-Obtuse (>90 degrees or flat)
Gully Shape:	3-U-Shaped
Gully Material:	Silt/Clay

Seep:	0-No	
Stormwater Runoff:	0-No	
Stormwater Inputs:		
Fallen Trees:	1-Yes	
Degradation:	1-Low	
Aggradation:	0-None	
Slumping:	1-Yes	
Additional Notes:	<p>Classification? Low</p> <p>Presence of Water? No</p> <p>Quantity of Water?</p> <p>Notes/Comments: Gully running into neighborhood. Could not get very far into as there is a no trespassing sign and an old shack looking structure. Very low potential. connected to another site upstream</p>	

Photo 1 Image



Photo 1 View Direction

Upstream

Photo 1 Caption

Upstream view of left bank.

Photo 2 Image



Photo 2 View Direction

Upstream

Photo 2 Caption

Upstream view of right bank

Photo 3 Image



Photo 3 View Direction

Downstream

Photo 3 Caption

Downstream view of right bank.

Photo 4 Image




Photo 4 View Direction

Downstream

Photo 4 Caption

Downstream view of left bank.

Gully ID: 06:30-10:18	MAP 
Date & Time: June 30, 2021 10:18 AM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Moderate
Approximate Depth:	5-Deep (>15')
Approximate Bottom Width:	1-Wide (>5')
Approximate Gully Length:	5-Long (>100')
Condition of Gully Bottom:	1-Heavy Vegetation
Condition of Gully Banks:	3-Some Vegetation
Gully Bank Angles:	3-Mid-Range (45 to 90 degrees)
Gully Shape:	3-U-Shaped
Gully Material:	Silt/Clay

Seep:	0-No	
Stormwater Runoff:	0-No	
Stormwater Inputs:		
Fallen Trees:	1-Yes	
Degradation:	3-Moderate	
Aggradation:	1-Low	
Slumping:	1-Yes	
Additional Notes:	<p>Classification? Moderate</p> <p>Presence of Water? No</p> <p>Quantity of Water?</p> <p>Notes/Comments: Gully running behind houses. There is a huge storm water drain in the bottom that is armored there is another one downstream about fifty feet. The banks have some vegetation but in more bare spots there is degradation.</p>	

Photo 1 Image



Photo 1 View Direction

Downstream

Photo 1 Caption

Downstream view of right bank.

Photo 2 Image



Photo 2 View Direction

Downstream

Photo 2 Caption

Downstream view of left bank.

Photo 3 Image



Photo 3 View Direction

Upstream

Photo 3 Caption

Upstream view of left bank. This area is more bare and has more degradation.

Photo 4 Image



Photo 4 View Direction

Upstream

Photo 4 Caption

Upstream view of right bank and huge storm water drain at bottom of gully.

Gully ID: 06:30-09:36	MAP 
Date & Time: June 30, 2021 9:36 AM	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Moderate
Approximate Depth:	3-Medium (3'-15')
Approximate Bottom Width:	1-Wide (>5')
Approximate Gully Length:	3-Medium (50'-100')
Condition of Gully Bottom:	1-Heavy Vegetation
Condition of Gully Banks:	1-Heavy Vegetation
Gully Bank Angles:	1-Obtuse (>90 degrees or flat)
Gully Shape:	1-Trapezoid
Gully Material:	Silt/Clay

Seep:	0-No	
Stormwater Runoff:	1-Yes	
Stormwater Inputs:	3-Low Flow	
Fallen Trees:	1-Yes	
Degradation:	3-Moderate	
Aggradation:	1-Low	
Slumping:	1-Yes	
Additional Notes:	<p>Classification? Moderate</p> <p>Presence of Water? Yes</p> <p>Quantity of Water? Trickle/Slow Moving</p> <p>Notes/Comments: Gully behind houses. Begins from large outfall pipe and has a stream that runs through the middle. Heavily vegetated although there are some bare spots. Has a very wide bottom.</p>	

Photo 1 Image



Photo 1 View Direction

Upstream

Photo 1 Caption

Upstream view of left bank.

Photo 2 Image



Photo 2 View Direction

Upstream

Photo 2 Caption

Upstream view of right bank.

Photo 3 Image



Photo 3 View Direction

Upstream

Photo 3 Caption

Upstream view of pipe outfall. Pipe has armor in front of it.

Photo 4 Image

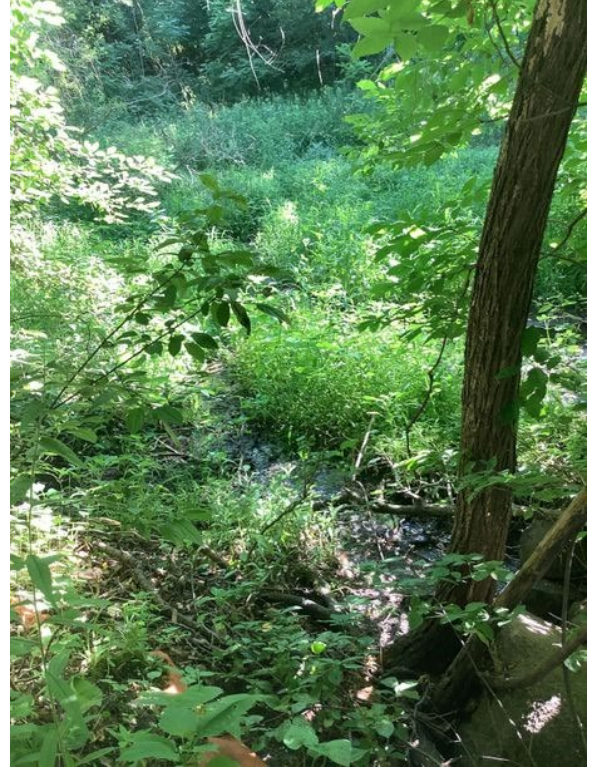
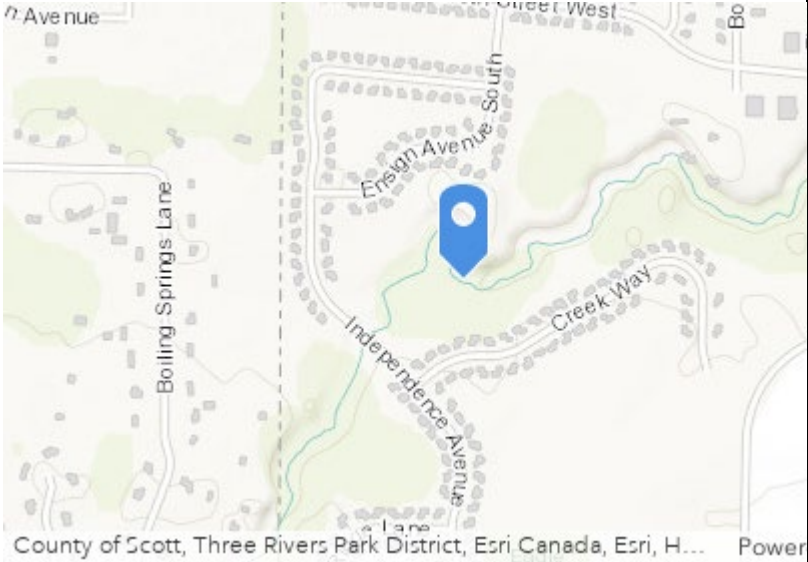


Photo 4 View Direction

Downstream

Photo 4 Caption

Downstream view from left bank near pipe.

Gully ID: 06:09-10:55	<p style="text-align: center;">MAP</p> 
Date & Time: June 9, 2021 10:55	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	High (x - 49)
Approximate Depth:	1-Shallow (<3')
Approximate Bottom Width:	5-Narrow/V-Ditch
Approximate Gully Length:	Short: <50'
Condition of Gully Bottom:	3-Some Vegetation
Condition of Gully Banks:	3-Some Vegetation
Gully Bank Angles:	5-Acute (< 90 degrees or undercut)
Gully Shape:	5-V-Shaped
Gully Material:	Silt and/or Clay

Seep:	No	
Stormwater Inputs:	0-Not present	
Fallen Trees:	No	
Degradation:		3-Moderate
Aggradation:		0-No aggradation
Slumping:		3-Moderate
Additional Notes:	<p>Classification? High (x - 49)</p> <p>Notes/Comments: Gully leading into eagle creek. Steep and short with moderate vegetation. Some of the small trees growing on the banks look pistol shaped.</p>	

Photo1



Photo1 View Direction: View Downstream

Photo1 Caption

View downstream of gully, kind of hard to see with vegetation blocking site.


Photo2



Photo2 View Direction: View Downstream

Photo2 Caption

Downstream view from left side.

<p>Gully ID: 06:09-11:00</p>	<p style="text-align: center;">MAP</p> 
<p>Date & Time: June 9, 2021 11:00</p>	
<p>Location: Savage</p>	
<p>Weather: Sunny</p> <p>Storm/Rainfall Event in the Past 24 Hours? No</p>	
GULLY INFORMATION	
<p>Calculated Erosion Potential:</p>	<p>Moderate (x - x)</p>
<p>Approximate Depth:</p>	<p>1-Shallow (<3')</p>
<p>Approximate Bottom Width:</p>	<p>5-Narrow/V-Ditch</p>
<p>Approximate Gully Length:</p>	<p>Short: <50'</p>
<p>Condition of Gully Bottom:</p>	<p>5-Bare Soil</p>
<p>Condition of Gully Banks:</p>	<p>5-Bare Soil</p>
<p>Gully Bank Angles:</p>	<p>3-Mid-range (45 to 90 degrees)</p>
<p>Gully Shape:</p>	<p>5-V-Shaped</p>
<p>Gully Material:</p>	<p>Silt and/or Clay</p>

Seep:	No	
Stormwater Inputs:	0-Not present	
Fallen Trees:	No	
Degradation:	3-Moderate	
Aggradation:	0-No aggradation	
Slumping:	0-No slumping	
Additional Notes:	Classification? Moderate (x - x) Notes/Comments: Short gully with what looks to be brush dumped in it. No visible vegetation on the banks or bottom, not ,UCB slumping, and moderate erosion	

Photo1



Photo1 View Direction: View Downstream

Photo1 Caption

Downstream view of right bank.

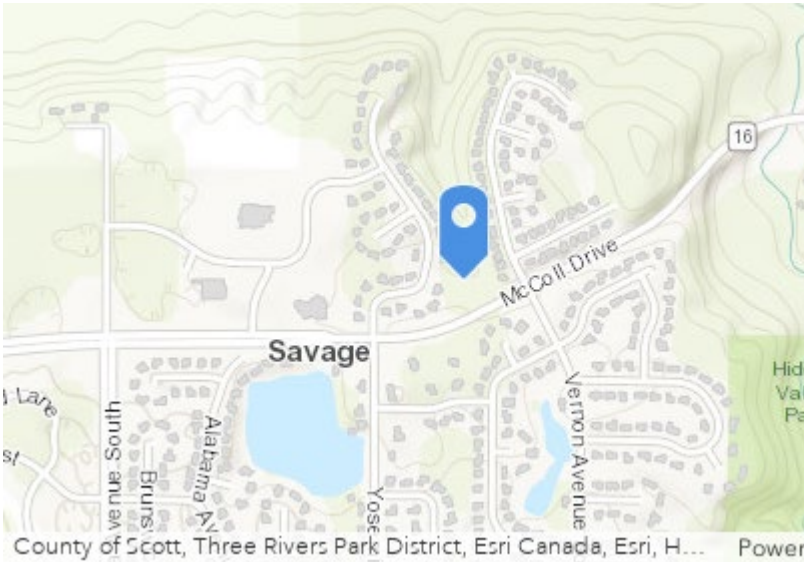
Photo2



Photo2 View Direction: View Downstream

Photo2 Caption

Downstream view of left bank.

Gully ID: 06:09-10:14	MAP 
Date & Time: June 9, 2021 10:14	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Low (4 - x)
Approximate Depth:	5-Deep (>15')
Approximate Bottom Width:	1-Wide (>5')
Approximate Gully Length:	Long: >100'
Condition of Gully Bottom:	1-Heavy Vegetation
Condition of Gully Banks:	1-Heavy Vegetation
Gully Bank Angles:	1-Obtuse (>90 degrees)
Gully Shape:	3-U-Shaped
Gully Material:	Silt and/or Clay

Seep:	No	
Stormwater Inputs:	0-Not present	
Fallen Trees:	No	
Degradation:	1-Low	
Aggradation:	1-Low	
Slumping:	1-Low	
Additional Notes:	Classification? Low (4 - x) Notes/Comments: Large gully with heavy vegetation on banks and bottom. Minor slumping, and some signs on erosion	

Photo1



Photo1 View Direction: View Downstream

Photo1 Caption

Downstream view of right bank.

Photo2



Photo2 View Direction: View Downstream

Photo2 Caption

Downstream view of left bank.

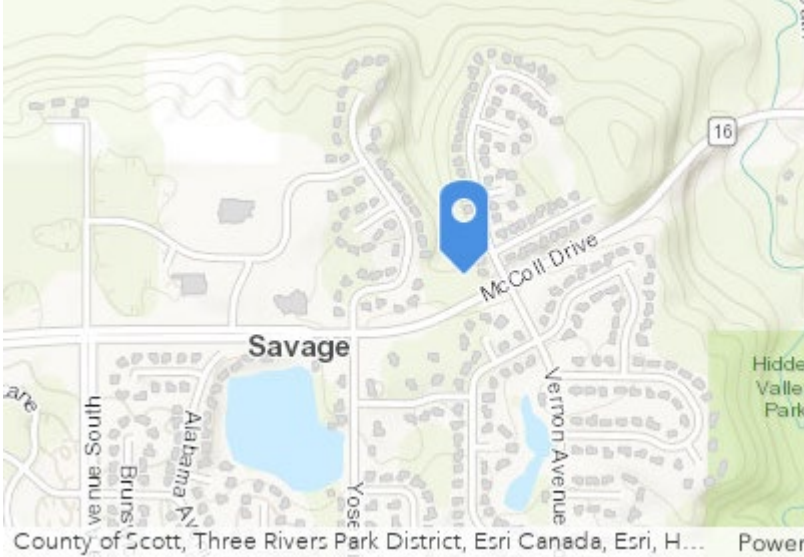
Photo3



Photo3 View Direction: View Upstream

Photo3 Caption

Upstream view of gully.

Gully ID: 06:09-10:10	MAP 
Date & Time: June 9, 2021 10:10	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Low (4 - x)
Approximate Depth:	3-Medium (3'-15')
Approximate Bottom Width:	3-Medium (1'-5')
Approximate Gully Length:	Short: <50'
Condition of Gully Bottom:	3-Some Vegetation
Condition of Gully Banks:	3-Some Vegetation
Gully Bank Angles:	1-Obtuse (>90 degrees)
Gully Shape:	3-U-Shaped
Gully Material:	Silt and/or Clay

Seep:	No	
Stormwater Inputs:	0-Not present	
Fallen Trees:	No	
Degradation:	1-Low	
Aggradation:	0-No aggradation	
Slumping:	0-No slumping	
Additional Notes:	Classification? Low (4 - x) Notes/Comments: Smaller gully with good amounts of vegetation on both the bottom and banks. Not much visible erosion, looks like somebody dumped brush at the top of gully	

Photo1**Photo1 View Direction: View Upstream****Photo1 Caption**

Upstream view of left bank.

Photo2**Photo2 View Direction: View Upstream****Photo2 Caption**

Upstream view of right bank.

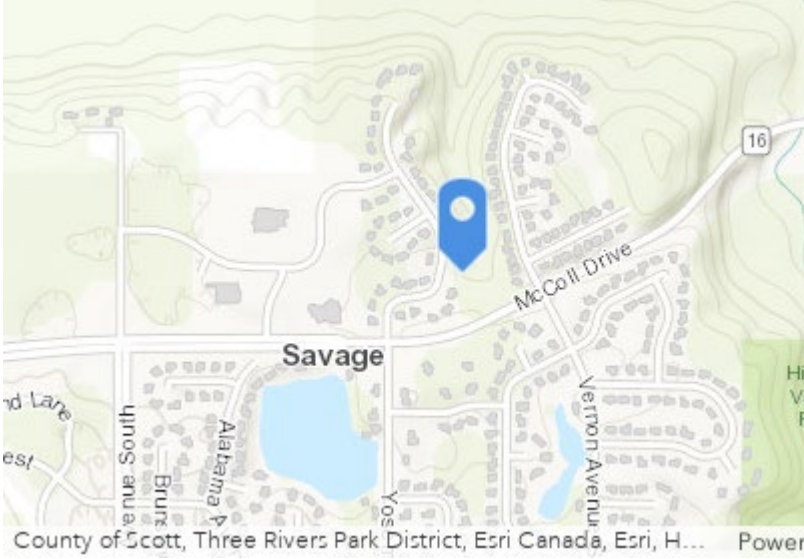
Photo3



Photo3 View Direction: View Upstream

Photo3 Caption

Upstream view of brush dumped in gully.

Gully ID: 06:09-10:03	MAP 
Date & Time: June 9, 2021 10:03	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Moderate (x - x)
Approximate Depth:	5-Deep (>15')
Approximate Bottom Width:	1-Wide (>5')
Approximate Gully Length:	Medium: 50'-100'
Condition of Gully Bottom:	3-Some Vegetation
Condition of Gully Banks:	3-Some Vegetation
Gully Bank Angles:	1-Obtuse (>90 degrees)
Gully Shape:	1-Trapezoid
Gully Material:	Silt and/or Clay

Seep:	No
Stormwater Inputs:	0-Not present
Fallen Trees:	No
Degradation:	1-Low
Aggradation:	1-Low
Slumping:	3-Moderate
Additional Notes:	<p>Classification? Moderate (x - x)</p> <p>Notes/Comments: Medium sized gully with decent vegetation on the banks and bottom. Decent amount of tree slumping, and some visible degradation. looks like somebody dumped their lawn clippings down here</p>

Photo1



Photo1 View Direction: View Upstream

Photo1 Caption

Upstream view of left bank.

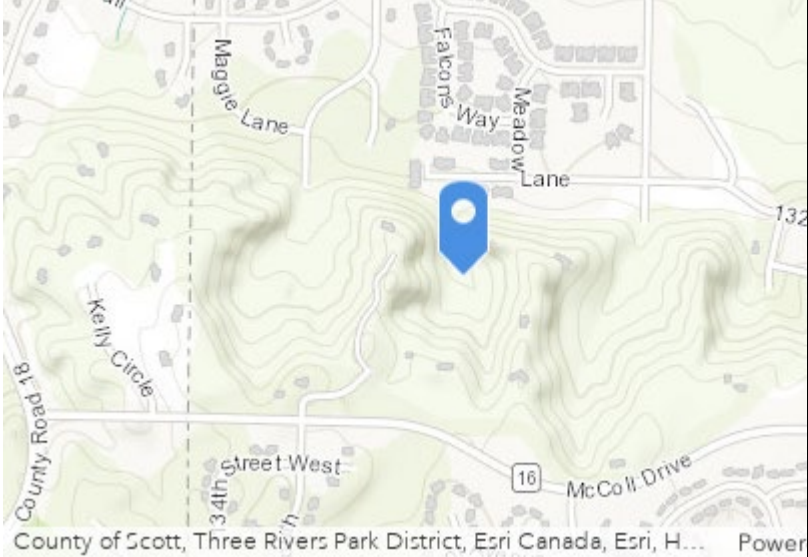
Photo2



Photo2 View Direction: View Upstream

Photo2 Caption

Upstream view of right bank.

Gully ID: 06:09-09:04	MAP 
Date & Time: June 9, 2021 09:04	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Moderate (x - x)
Approximate Depth:	3-Medium (3'-15')
Approximate Bottom Width:	1-Wide (>5')
Approximate Gully Length:	Long: >100'
Condition of Gully Bottom:	3-Some Vegetation
Condition of Gully Banks:	3-Some Vegetation
Gully Bank Angles:	5-Acute (< 90 degrees or undercut)
Gully Shape:	1-Trapezoid
Gully Material:	Silt and/or Clay

Seep:	No	
Stormwater Inputs:	0-Not present	
Fallen Trees:	Yes	
Degradation:	3-Moderate	
Aggradation:	1-Low	
Slumping:	1-Low	
Additional Notes:	Classification? Moderate (x - x) Notes/Comments: Long gully with vegetation on banks and bottom. A few fallen trees throughout, but not much slumping.	

Photo1



Photo1 View Direction: View Upstream

Photo1 Caption

Upstream view of left bank.

Photo2



Photo2 View Direction: View Upstream

Photo2 Caption

Upstream view of right bank .

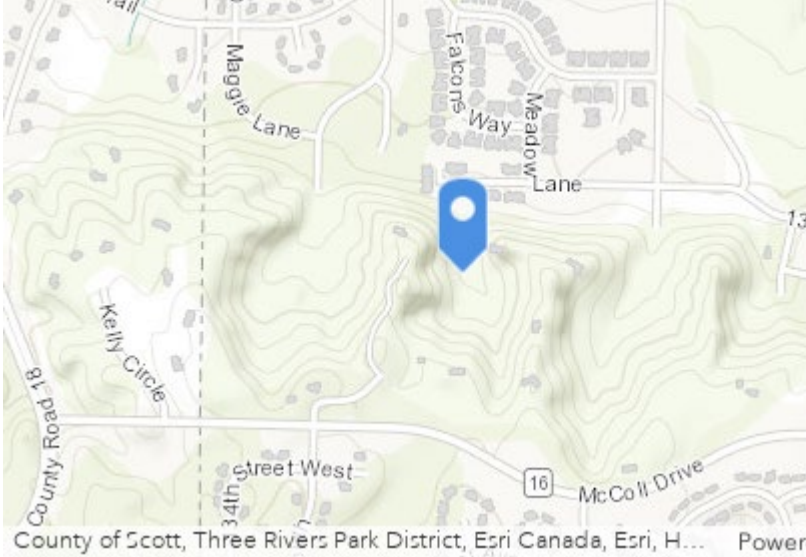
Photo3



Photo3 View Direction: View Downstream

Photo3 Caption

Downstream view of fallen trees in middle of gully.

Gully ID: 06:09-08:55	MAP 
Date & Time: June 9, 2021 08:55	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Moderate (x - x)
Approximate Depth:	3-Medium (3'-15')
Approximate Bottom Width:	3-Medium (1'-5')
Approximate Gully Length:	Medium: 50'-100'
Condition of Gully Bottom:	5-Bare Soil
Condition of Gully Banks:	3-Some Vegetation
Gully Bank Angles:	3-Mid-range (45 to 90 degrees)
Gully Shape:	5-V-Shaped
Gully Material:	Silt and/or Clay

Seep:	No	
Stormwater Inputs:	0-Not present	
Fallen Trees:	Yes	
Degradation:	1-Low	
Aggradation:	0-No aggradation	
Slumping:	1-Low	
Additional Notes:	Classification? Moderate (x - x) Notes/Comments: Some fallen trees in the gully, vegetation on banks, not bottom. Banks are decently steep, minor slumping	

Photo1



Photo1 View Direction: View Upstream

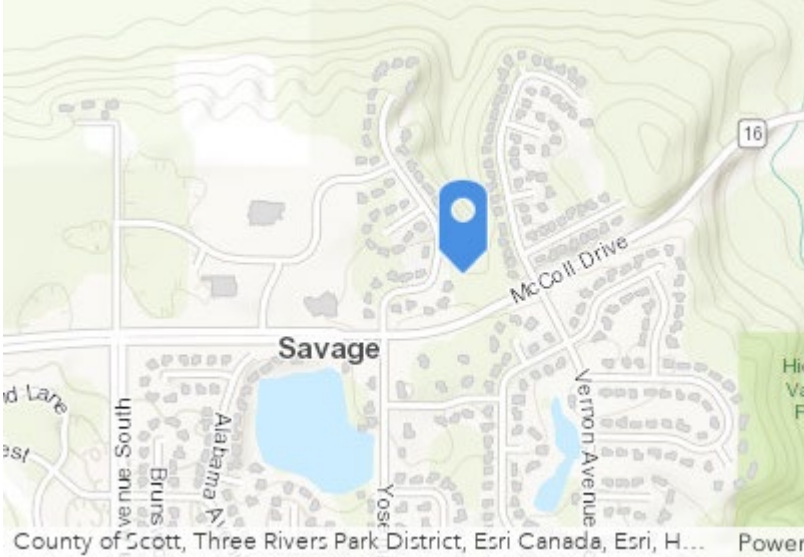
Photo1 Caption Upstream view of left bank.

Photo2



Photo2 View Direction: View Upstream

Photo2 Caption Upstream view of right bank.

Gully ID: 06:09-10:09	MAP 
Date & Time: June 9, 2021 10:09	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Moderate (x - x)
Approximate Depth:	3-Medium (3'-15')
Approximate Bottom Width:	3-Medium (1'-5')
Approximate Gully Length:	Short: <50'
Condition of Gully Bottom:	3-Some Vegetation
Condition of Gully Banks:	3-Some Vegetation
Gully Bank Angles:	1-Obtuse (>90 degrees)
Gully Shape:	3-U-Shaped
Gully Material:	Silt and/or Clay

Seep:	No
Stormwater Inputs:	0-Not present
Fallen Trees:	No
Degradation:	3-Moderate
Aggradation:	0-No aggradation
Slumping:	3-Moderate
Additional Notes:	<p>Classification? Moderate (x - x)</p> <p>Notes/Comments: Gully which connects to another gully to the left of it at the bottom and flows into a third large gully. Has very little vegetation and trees are starting to slump in</p>

Photo1



Photo1 View Direction: View Downstream

Photo1 Caption

Downstream center, wide so hard to see the banks.

Photo2



Photo2 View Direction: View Side stream

Photo2 Caption

Left bank, pistol trees are visible.

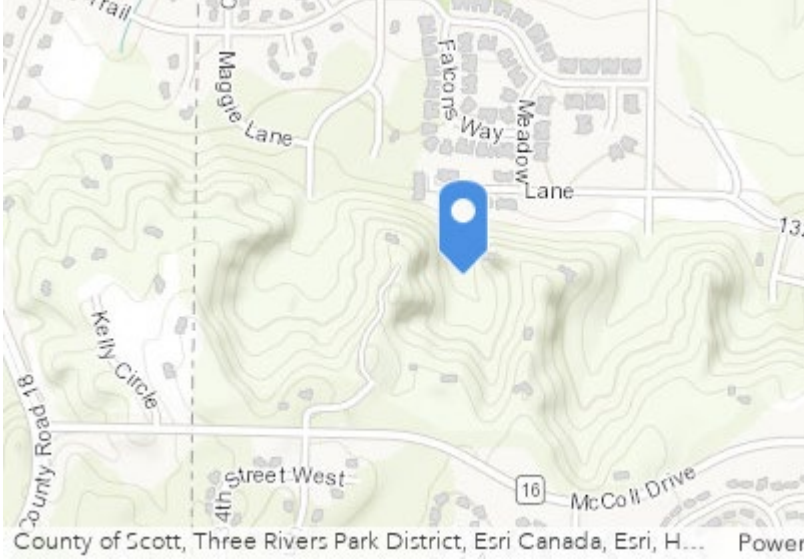
Photo3



Photo3 View Direction: View Side stream

Photo3 Caption

Right bank, tree is beginning to lean in.

Gully ID: 06:09-08:59	MAP 
Date & Time: June 9, 2021 08:59	
Location: Savage	
Weather: Sunny Storm/Rainfall Event in the Past 24 Hours? No	
GULLY INFORMATION	
Calculated Erosion Potential:	Moderate (x - x)
Approximate Depth:	5-Deep (>15')
Approximate Bottom Width:	3-Medium (1'-5')
Approximate Gully Length:	Short: <50'
Condition of Gully Bottom:	3-Some Vegetation
Condition of Gully Banks:	3-Some Vegetation
Gully Bank Angles:	5-Acute (< 90 degrees or undercut)
Gully Shape:	5-V-Shaped
Gully Material:	Silt and/or Clay

Seep:	No	
Stormwater Inputs:	0-Not present	
Fallen Trees:	No	
Degradation:		3-Moderate
Aggradation:		0-No aggradation
Slumping:		1-Low
Additional Notes:	<p>Classification? Moderate (x - x)</p> <p>Notes/Comments: Steep and small gully. Fallen tree in center is not from gully, fell into gully from another area. Decent amount of vegetation. Runs into right bank of another potential gully.</p>	

Photo1



Photo1 View Direction: View Upstream

Photo1 Caption

Upstream view of gully.

Photo2



Photo2 View Direction: View Upstream

Photo2 Caption

Upstream view from left side. Hard to get picture that accurately shows gully.