WATERCOURSE	INFORMATION	CHANNEL	MEASUREMENTS	RIPARI
		Average Channel Width (m)	1.29	# Common Na
	Nuttby	Average Wetted Width (m)	1.07	1 Balsam Fir
Watercourse ID:	Watercourse NR-	Average Bankful Depth (m)	0.38	2 yellow birch
watercourse id.		Average Water Depth (m)	0.13	3 american beech
	WC-111a137	Average Pool Depth (m)	SE MORPHOLOGY	4 mosses
		WATERCOUR	Small Permananent with Intermittent	5 bluejoint grass
General Site Location:	Nuttby	Watercourse Type	Characteristics	6 cinnamon fern
Watercourse Name	Trib1a to Chiganois River	Stage (season was very dry)	Mid	7 red maple
Field Assessor(s)	CJ, MT	Morphology (assumed in dry area	Riffle	8 red spruce
Field Assessment Date:	30-Nov-22	Channel Depth Class	Class 3: <0.5m	9
UTM Coordinates:		Pattern	Irregular Wandering	10
Datum:	UTM (WP 004)	Slope		RIP
HABITAT QUALIT	Y (AT CENTRELINE)	Confinement	Occasionally Confined	Crown Closure %
Overall Habitat Quality	Poor			Bank Texture
Spawning	Poor	INSTR	EAM COVER	Bank Shape
Rearing	Moderate	Dominant	Small Woody Debris	Bank Stability
Foraging	Moderate	Subdominant	Overhanging Vegetation	Vegetation Stage
Migration	Poor	Subdominant	Large Woody Debris	IMPORT
Overwintering	Poor	Subdominant	Instream Vegetation	Spawning Area / REDD
POTENTIAL FOR	R FISH PRESENCE	Subdominant	Uprooted Tree Area	Beaver Dam
Overall Fish Potential	Moderate	Trace	Boulder	Beaver Pond
FISH OI	BSERVED	Trace	Undercut Banks	Underground Sections
<u>ــــــــــــــــــــــــــــــــــــ</u>	١o	Trace		Waterfall or Cascade
WATER QUALIT	Y AND VELOCITY	Trace		No Defined Channel
Temperature (Deg. C)	2.45	SUI	BSTRATE	Hanging Culvert
рН	5.62	Dominant	Fines	Blocked or Damaged Culv
Dissolved Oxygen (mg/l)	7.96	Subdominant	Gravel	Bridge
Dissolved Oxygen (%)		Subdominant	Cobble	A
Conductivity (µs/cm)	0.025	Subdominant	Bedrock	
Salinity (ppt)	0.01	Trace		
Total Dissolved Solids (g/L)	0.016	BA	ARRIERS	
Turbidity (NTU)	6.6	No	Barriers	
Average Velocity (m/sec)	0.31	STREAM II	NVERTEBRATES	
Velocity Location	Upstream		None	

RIAN VEGETA	ATION SPECIES
ame	Scientific Name
	Abies balsamea
	Betula alleghaniensis
	Fagus grandifolia
	#N/A
	#N/A
	Osmunda cinnamomea
	Acer rubrum
	Picea rubens
	#N/A
	#N/A
PARIAN INF	
	26-50%
	Mixed (Fines, Organics, Gravel)
	Shallow Slope (<100% / 45 deg.)
	Good >80% Stable
	Mature Forest
TANT FEATU	JRES OBSERVED
ulvert	
·	
ADDITIONA	



Photo 1: Upstream at Crossing Location



Photo 3: Feature 1 (riffles in stream, downstream)



Photo 2: Downstream at Crossing Location

WATERCOURSE	INFORMATION	CHANNEL	MEASUREMENTS		RIPARI
		Average Channel Width (m)	1.48	#	Common Na
	Nuttby	Average Wetted Width (m)	1.33		Balsam Fir
Watercourse ID.	Watercourse NR-	Average Bankful Depth (m)	0.40		yellow birch
Watercourse iD.		Average Water Depth (m)	0.11		american beech
	WC-122a339	Average Pool Depth (m)	0.34 SE MORPHOLOGY		mosses
		WATERCOOR	Small Permananent with Intermittent	5	bluejoint grass
General Site Location:	Nuttby	Watercourse Type	Characteristics	6	cinnamon fern
Watercourse Name	Coal Mine Brook	Stage (season was very dry)	Mid	7	red maple
Field Assessor(s)	CJ, MT	Morphology (assumed in dry area	Riffle	8	red spruce
Field Assessment Date:	30-Nov-22	Channel Depth Class	Class 3: <0.5m	9	
UTM Coordinates:		Pattern	Sinuous	10	
Datum:	UTM (WP 010)	Slope			RIP
HABITAT QUALIT	Y (AT CENTRELINE)	Confinement	Occasionally Confined		own Closure %
Overall Habitat Quality	Poor			Bar	nk Texture
Spawning	Poor	INSTR	EAM COVER	Bar	nk Shape
Rearing	Moderate	Dominant	Small Woody Debris	Bar	nk Stability
Foraging	Moderate	Subdominant	Overhanging Vegetation	Veg	getation Stage
Migration	Poor	Subdominant	Large Woody Debris		IMPORT
Overwintering	Poor	Subdominant	Instream Vegetation	Spa	awning Area / REDD
POTENTIAL FO	R FISH PRESENCE	Subdominant	Uprooted Tree Area	Bea	aver Dam
Overall Fish Potential	Moderate	Trace	Boulder	Bea	aver Pond
FISH OI	BSERVED	Trace	Undercut Banks	Un	derground Sections
1	No	Trace		Wa	terfall or Cascade
WATER QUALIT	Y AND VELOCITY	Trace		No	Defined Channel
Temperature (Deg. C)	1.86	SU	BSTRATE	Hai	nging Culvert
рН	5.72	Dominant	Fines	Blo	cked or Damaged Cul
Dissolved Oxygen (mg/l)	8.73	Subdominant	Boulder		dge
Dissolved Oxygen (%)		Subdominant	Cobble		A
Conductivity (µs/cm)	0.032	Subdominant	Gravel		
Salinity (ppt)	0.01	Trace			
Total Dissolved Solids (g/L)	0.021	BA	ARRIERS		
Turbidity (NTU)	2.7	No	Barriers		
Average Velocity (m/sec)	0.25	STREAM I	NVERTEBRATES		
Velocity Location	Crossing		None		

RIAN VEGETA	ATION SPECIES
ame	Scientific Name
	Abies balsamea
	Betula alleghaniensis
	Fagus grandifolia
	#N/A
	#N/A
	Osmunda cinnamomea
	Acer rubrum
	Picea rubens
	#N/A
	#N/A
PARIAN INF	ORMATION
	1-25%
	Fines
	Shallow Slope (<100% / 45 deg.)
	Good >80% Stable
	Mature Forest
TANT FEATU	JRES OBSERVED
ulvert	
ADDITIONA	L NOTES



Photo 1: Upstream at Crossing Location



Photo 3: Feature 1 (100 m upstream)



Photo 2: Downstream at Crossing Location



Photo 4: Feature 2 (small insized channel upstream)

WATERCOURSE	INFORMATION	CHANNEL M	EASUREMENTS		<b>RIPARIAN VEGE</b>	TATION SPECIES
		Average Channel Width (m)	1.58	# Co	mmon Name	Scientific Name
	Nuttby	Average Wetted Width (m)	1.61	1		#N/A
Watercourse ID:	Watercourse NR-	Average Bankful Depth (m)	0.56	2		#N/A
		Average Water Depth (m)	0.24	3		#N/A
	WC-122a374	Average Pool Depth (m)	0.24 E MORPHOLOGY	4		#N/A
			Small Permananent with Intermittent	5		#N/A
General Site Location:	Nuttby	Watercourse Type	Characteristics	6		#N/A
Watercourse Name	Coal Mine Brook	Stage (season was very dry)	Mid	7		#N/A
Field Assessor(s)	MB, NH	Morphology (assumed in dry area	Run	8		#N/A
Field Assessment Date:	27-Oct-22	Channel Depth Class	Class 3: <0.5m	9		#N/A
UTM Coordinates:	20T 0476311 5040027	Pattern	Regular Meanders	10		#N/A
Datum:	UTM (WP 153)	Slope	0%		<b>RIPARIAN IN</b>	IFORMATION
HABITAT QUALIT	Y (AT CENTRELINE)	Confinement	Unconfined	Crown Closure	%	1-25%
Overall Habitat Quality	Good			Bank Texture		Fines
Spawning	None	INSTREA	AM COVER	Bank Shape		Shallow Slope (<100% / 45 deg.)
Rearing	Good	Dominant	Undercut Banks	Bank Stability		Fair 50-80% Stable
Foraging	Good	Subdominant	Deep Pool	Vegetation Sta	ge	Mature Forest
Migration	Good	Subdominant			IMPORTANT FEA	TURES OBSERVED
Overwintering	Good	Subdominant		Spawning Area	I / REDD	
POTENTIAL FOR	R FISH PRESENCE	Subdominant		Beaver Dam		
Overall Fish Potential	Moderate	Trace	Overhanging Vegetation	Beaver Pond		
FISH OF	BSERVED	Trace	Instream Vegetation	Underground S	Sections	
Ν	۱o	Trace	Small Woody Debris	Waterfall or Ca	scade	
WATER QUALITY	Y AND VELOCITY	Trace	Large Woody Debris	No Defined Ch	annel	
Temperature (Deg. C)	13.9	SUBS	TRATE	Hanging Culve	rt	
рН	5.58	Dominant	Fines	Blocked or Dar	naged Culvert	
Dissolved Oxygen (mg/l)	7.65	Subdominant	Organics	Bridge		
Dissolved Oxygen (%)	77	Subdominant	Cobble		ADDITION	IAL NOTES
Conductivity (µs/cm)	40.6	Subdominant	Gravel			
Salinity (ppt)		Trace	Boulder			
Total Dissolved Solids (g/L)	26.4	BAR	RIERS			
Turbidity (NTU)	Clear	No B	arriers			
Average Velocity (m/sec)		STREAM IN	VERTEBRATES			
Velocity Location		N	one			



Photo 1: Upstream at Crossing Location



Photo 3: Feature 1 (Riffle/Rapids 270 m downstream)





Photo 4: Feature 2 (small channel through blowdown, 100 m upstream of crossing)

WATERCOURSE	INFORMATION	CHANNEL M	IEASUREMENTS		<b>RIPARIAN VEGI</b>	TATION SPECIES
		Average Channel Width (m)	1.24	# C	ommon Name	Scientific Name
	Nuttby	Average Wetted Width (m)	1.25	1		#N/A
Watercourse ID:	Watercourse NR-	Average Bankful Depth (m)	0.27	2		#N/A
		Average Water Depth (m)	0.22	3		#N/A
	WC-122a319	Average Pool Depth (m)	0.22 SE MORPHOLOGY	4		#N/A #N/A
			Small Permananent with Intermittent	<b></b>		#/\/A
General Site Location:	Nuttby	Watercourse Type	Characteristics	6		#N/A
Watercourse Name	Coal Mine Brook	Stage (season was very dry)	Mid	7		#N/A
Field Assessor(s)	MB, NH	Morphology (assumed in dry area	Riffle	8		#N/A
Field Assessment Date:	27-Oct-22	Channel Depth Class	Class 3: <0.5m	9		#N/A
UTM Coordinates:	20T 0476372 5039753	Pattern	Sinuous	10		#N/A
Datum:	UTM (WP 163)	Slope	0.5%		RIPARIAN II	NFORMATION
HABITAT QUALIT	Y (AT CENTRELINE)	Confinement	Unconfined	Crown Closur	re %	1-25%
Overall Habitat Quality	Poor			Bank Texture		Organics
Spawning	None	INSTRE	AM COVER	Bank Shape		Shallow Slope (<100% / 45 deg.)
Rearing	Moderate	Dominant	Overhanging Vegetation	Bank Stability	/	Fair 50-80% Stable
Foraging	Poor	Subdominant	Instream Vegetation	Vegetation St	age	Mature Forest
Migration	Moderate	Subdominant	Deep Pool		IMPORTANT FEA	TURES OBSERVED
Overwintering	None	Subdominant		Spawning Are	ea / REDD	
POTENTIAL FOR	R FISH PRESENCE	Subdominant		Beaver Dam		
Overall Fish Potential	Moderate	Trace	Undercut Banks	Beaver Pond		
FISH OF	BSERVED	Trace		Underground	Sections	
Ν	١o	Trace	Small Woody Debris	Waterfall or C	Cascade	
WATER QUALITY	Y AND VELOCITY	Trace	Large Woody Debris	No Defined C	ihannel	
Temperature (Deg. C)	14.5	SUB	STRATE	Hanging Culv	ert	
рН	5.54	Dominant	Organics	Blocked or Da	amaged Culvert	
Dissolved Oxygen (mg/l)	6.47	Subdominant	Fines	Bridge		
Dissolved Oxygen (%)	65	Subdominant			ADDITIO	NAL NOTES
Conductivity (µs/cm)	33.7	Subdominant				
Salinity (ppt)		Trace				
Total Dissolved Solids (g/L)	21.9	BAI	RRIERS			
Turbidity (NTU)	Clear	No I	Barriers			
Average Velocity (m/sec)		STREAM IN	VERTEBRATES			
Velocity Location		Ν	lone			



Photo 1: Upstream at Crossing Location



Photo 2: Downstream at Crossing Location

WATERCOURS	E INFORMATION	CHANNEL	MEASUREMENTS		RIPARIAN VEGE	TATION SPECIES
	Nuttby	Average Channel Width (m) Average Wetted Width (m)	1.22 1.32	# Comm	non Name	Scientific Name #N/A
	-	Average Bankful Depth (m)	0.60	2		#N/A
Watercourse ID:	Watercourse NR-	Average Water Depth (m)		3		#N/A
	WC-122a367	Average Pool Depth (m)	0.27	4		#N/A
		WATERCOUR	SE MORPHOLOGY	5		#N/A
			Small Permananent with Intermittent			
General Site Location:	Nuttby	Watercourse Type	Characteristics	6		#N/A
Watercourse Name	Coal Mine Brook	Stage (season was very dry)	Mid	7		#N/A
Field Assessor(s)	MB, NH	Morphology (assumed in dry area	Riffle	8		#N/A
Field Assessment Date:	27-Oct-22	Channel Depth Class	Class 3: <0.5m	9		#N/A
UTM Coordinates:	20T 0476380 5039579	Pattern	Irregular Meandering	10		#N/A
Datum:	UTM (WP 168)	Slope	0%		<b>RIPARIAN IN</b>	FORMATION
HABITAT QUALIT	Y (AT CENTRELINE)	Confinement	Unconfined	Crown Closure %		1-25%
Overall Habitat Quality	Good			Bank Texture		Fines
Spawning	Good	INSTRE	EAM COVER	Bank Shape		Shallow Slope (<100% / 45 deg.)
Rearing	Good	Dominant	Undercut Banks	Bank Stability		Fair 50-80% Stable
Foraging	Good	Subdominant	Deep Pool	Vegetation Stage		Mature Forest
Migration	Good	Subdominant	Overhanging Vegetation	11	MPORTANT FEAT	URES OBSERVED
Overwintering	Moderate	Subdominant		Spawning Area / R	REDD	
POTENTIAL FO	R FISH PRESENCE	Subdominant		Beaver Dam		
Overall Fish Potential	Moderate	Trace		Beaver Pond		
FISH O	BSERVED	Trace		Underground Sec	tions	
1	No	Trace	Small Woody Debris	Waterfall or Casca	de	
WATER QUALIT	Y AND VELOCITY	Trace	Large Woody Debris	No Defined Chanr	nel	
Temperature (Deg. C)	14	SUE	<b>SSTRATE</b>	Hanging Culvert		
рН	4.46	Dominant	Fines	Blocked or Damag	ged Culvert	
Dissolved Oxygen (mg/l)	8.49	Subdominant	Gravel	Bridge		
Dissolved Oxygen (%)	85.2	Subdominant	Cobble		ADDITION	AL NOTES
Conductivity (µs/cm)	26.1	Subdominant				
Salinity (ppt)		Trace	Boulder			
Total Dissolved Solids (g/L)	17	BA	RRIERS			
Turbidity (NTU)	Clear	No	Barriers			
Average Velocity (m/sec)		STREAM IN	<b>NVERTEBRATES</b>			
Velocity Location			None			



Photo 1: Upstream at Crossing Location



Photo 3: Feature 1 (Downstream - natural digger logs in stream)



Photo 2: Downstream at Crossing Location

WATERCOURS	E INFORMATION	CHANNEL M	IEASUREMENTS		RIPARI
		Average Channel Width (m)	0.55	#	Common Na
	Nuttby	Average Wetted Width (m)	0.45	1	
Watercourse ID.	Watercourse NR-	Average Bankful Depth (m)	0.23	2	
		Average Water Depth (m)	0.10	3	
	WC-122L26	Average Pool Depth (m)	E MORPHOLOGY	4 5	
			Small Permananent with Intermittent	5	
General Site Location:	Nuttby	Watercourse Type	Characteristics	6	
Watercourse Name	b9 to West Branch North Riv	Stage (season was very dry)	Mid	7	
Field Assessor(s)	CM, IB	Morphology (assumed in dry area	Riffle	8	
Field Assessment Date:	02-Dec-22	Channel Depth Class	Class 3: <0.5m	9	
UTM Coordinates:		Pattern	Sinuous	10	
Datum:	UTM (WP 1729)	Slope			RIP
HABITAT QUALIT	Y (AT CENTRELINE)	Confinement	Frequently Confined	Crown Clo	sure %
Overall Habitat Quality				Bank Text	ure
Spawning		INSTRE	AM COVER	Bank Shap	be
Rearing		Dominant		Bank Stab	ility
Foraging		Subdominant	Undercut Banks	Vegetation	n Stage
Migration		Subdominant	Small Woody Debris		IMPORT
Overwintering		Subdominant	Boulder	Spawning	Area / REDD
POTENTIAL FO	R FISH PRESENCE	Subdominant		Beaver Da	am
Overall Fish Potential	Moderate	Trace		Beaver Po	nd
FISH O	BSERVED	Trace		Undergro	und Sections
1	No	Trace		Waterfall	or Cascade
WATER QUALIT	Y AND VELOCITY	Trace		No Define	ed Channel
Temperature (Deg. C)		SUB	STRATE	Hanging C	ulvert
рН		Dominant	Cobble	Blocked o	r Damaged Cul
Dissolved Oxygen (mg/l)		Subdominant	Gravel	Bridge	
Dissolved Oxygen (%)		Subdominant	Fines		A
Conductivity (µs/cm)		Subdominant			
Salinity (ppt)		Trace	Boulder		
Total Dissolved Solids (g/L)		BAF	RRIERS		
Turbidity (NTU)	Clear	No E	Barriers		
Average Velocity (m/sec)	0.30	STREAM IN	VERTEBRATES		
Velocity Location		N	lone		

RIAN VEGETA	ATION SPECIES
ame	Scientific Name
	#N/A
	#N/A
PARIAN INF	ORMATION
	26-50%
	Organics
	Shallow Slope (<100% / 45 deg.)
	Fair 50-80% Stable
	Mature Forest
TANT FEATU	JRES OBSERVED
ulvert	
ADDITIONA	L NOTES



Photo 1: Upstream at Crossing Location



Photo 3: Feature 1 (Flow from Wetland)



Photo 2: Downstream at Crossing Location



WATERCOURSE	INFORMATION	CHANNEL ME	EASUREMENTS	] [	RIPARIAN VEGET	ATION SPECIES
		Average Channel Width (m)	0.75	# Comm	on Name	Scientific Name
	Nuttby	Average Wetted Width (m)	0.75	1		#N/A
Watercourse ID:	Watercourse NR-	Average Bankful Depth (m)		2		#N/A
		Average Water Depth (m)	0.15	3		#N/A
	WC-121a131	Average Pool Depth (m)	MORPHOLOGY	- 5		#N/A #N/A
		WATERCOORSE	Ephemeral with Intermittent			#1V/A
General Site Location:	Nuttby	Watercourse Type	Characteristics	6		#N/A
Watercourse Name	Middle Branch North River	Stage (season was very dry)	Mid	7		#N/A
Field Assessor(s)	MB, NH	Morphology (assumed in dry area	Riffle	8		#N/A
Field Assessment Date:	13-Dec-22	Channel Depth Class	Class 3: <0.5m	9		#N/A
UTM Coordinates:	20T 482352 5043897	Pattern	Sinuous	10		#N/A
Datum:	UTM (WP 198)	Slope	5%		<b>RIPARIAN IN</b>	ORMATION
HABITAT QUALIT	Y (AT CENTRELINE)	Confinement	Unconfined	Crown Closure %		26-50%
Overall Habitat Quality	Poor			Bank Texture		Fines
Spawning	None	INSTREA	M COVER	Bank Shape		Flat / No Bank
Rearing	Poor	Dominant	Undercut Banks	Bank Stability		Fair 50-80% Stable
Foraging	Poor	Subdominant	Small Woody Debris	Vegetation Stage		Mature Forest
Migration	Poor	Subdominant		IN	IPORTANT FEAT	URES OBSERVED
Overwintering	Poor	Subdominant		Spawning Area / R	EDD	
POTENTIAL FOR	R FISH PRESENCE	Subdominant		Beaver Dam		
Overall Fish Potential	Low	Trace	Boulder	Beaver Pond		
FISH OF	BSERVED	Trace	Deep Pool	Underground Sect	ions	
Ν	No	Trace		Waterfall or Casca	de	
WATER QUALITY	Y AND VELOCITY	Trace		No Defined Chann	el	
Temperature (Deg. C)	1.2	SUBS	TRATE	Hanging Culvert		
рН	5.61	Dominant	Gravel	Blocked or Damag	ed Culvert	
Dissolved Oxygen (mg/l)	12.19	Subdominant	Cobble	Bridge		
Dissolved Oxygen (%)	90.2	Subdominant	Fines		ADDITION	AL NOTES
Conductivity (µs/cm)	29.5	Subdominant		steep channel, p	perched culvert a	t road, overland channel above
Salinity (ppt)	0.01	Trace	Boulder		culvert caused b	y above runoff.
Total Dissolved Solids (g/L)	19.5	BAR	RIERS			
Turbidity (NTU)	Clear	Yes, Part	ial Barrier			
Average Velocity (m/sec)		STREAM INV	/ERTEBRATES			
Velocity Location		No	one			



Photo 1: Upstream at Crossing Location



Photo 3: Feature 1 (Flow from Wetland)





Photo 4: Feature 2 (small insized channel upstream)



WATERCOURSE INFORMATION				
Watercourse ID:	Watercourse NR-WC-122d32			
General Site Location:	Nuttby Grid B3			
Watercourse Assessor(s):	CJ, SF			
Affiliation:	CBCL			
Field Assessment Date:	21-Nov-22			
UTM Coordinates:	WP1971-1972			
Datum:	UTM			
SUBST	RATE			
Dominant				
Subdominant				
Subdominant				
Trace				
Trace				
Trace				
CHANNEL MEA	ASUREMENTS			
Average Channel Width (m)	N/A			
Average Wetted Width (m)	N/A			
Average Bankful Depth (m)	N/A			
Average Water Depth (m)	N/A			
Average Pool Depth (m)	N/A			
WATERCOURSE	MORPHOLOGY			
Watercourse Type	Ephemeral			
Stage (season was very dry)	Mid			



Photo 1: Habitat at WP1971.



Photo 2: Surface water at WP1972.

# Common Name	Scientific Name
1	#N/A
2	#N/A
3	#N/A
4	#N/A
5	#N/A
6	#N/A
7	#N/A
8	#N/A
9	#N/A
#N/A	
RIPARIAN INFORM	MATION
Vegetation Stage	Mature Forest
IMPORTANT FEATURE	S OBSERVED
Vegetated Across	<b>v</b>
-lows into Fish Habitat Downstream	
Underground Sections or Groundwater	
Surface Flow	
Wetland Corridor (Flow Between Wetlands)	
Barrier	
Artificial Channelization	
Culvert or Bridge	
Water Flowing over Road (no Culvert)	
No Defined Channel	
No Defined Channel ADDITIONAL N	OTES

WATERCOURSE INFORMATION		РНОТОЅ	RIPARIAN VEGETATI	RIPARIAN VEGETATION SPECIES	
	Watercourse NR-		# Common Name	Scientific Name #N/A	
Watercourse ID:	Water course INK-		2	#N/A	
Mater course is:	WC-200b83		3	#N/A #N/A	
			5	#N/A #N/A	
General Site Location:	Nuttby Grid A3		6	#N/A	
Watercourse Assessor(s):	IB, BC		7	#N/A	
Affiliation:	CBCL		8	#N/A	
Field Assessment Date:	26-Aug-22		9	#N/A	
UTM Coordinates:	WP2342		10	#N/A	
Datum:	UTM	RIPARIAN INFORMATION		MATION	
SUBS	TRATE		Vegetation Stage	Mature Forest	
Dominant			IMPORTANT FEATUR	RTANT FEATURES OBSERVED	
Subdominant			Vegetated Across		
Subdominant			Flows into Fish Habitat Downstream		
Trace		Photo 1: Culvert.	Underground Sections or Groundwater		
Trace			Surface Flow		
Trace			Wetland Corridor (Flow Between Wetlands)		
CHANNEL ME	ASUREMENTS		Barrier		
Average Channel Width (m)	0.60		Artificial Channelization		
Average Wetted Width (m)	0.00		Culvert or Bridge	<b>I</b>	
Average Bankful Depth (m)	0.00		Water Flowing over Road (no Culvert)		
Average Water Depth (m)	0.00		No Defined Channel		
Average Pool Depth (m)	0.00		ADDITIONAL	IOTES	
WATERCOURSE	MORPHOLOGY				
Watercourse Type	Ephemeral with Intermittent Characteristics				
Stage (season was very dry)	Mid				
		Photo 2: Dry channel.			

WATERCOURSE INFORMATION		РНОТОЅ	RIPARIAN VEGETAT	RIPARIAN VEGETATION SPECIES	
			# Common Name	Scientific Name	
	Watercourse NR		1	#N/A	
Watercourse ID:	Watercourse NR-		2	#N/A	
Water course ib.	WC-200b115		3	#N/A	
			4	#N/A #N/A	
General Site Location:	Nuttby Grid A1		5	#N/A #N/A	
Watercourse Assessor(s):	-		6	#N/A #N/A	
Affiliation:	BC, AC CBCL		/	#N/A #N/A	
Field Assessment Date:			8		
JTM Coordinates:	26-Aug-22		9	#N/A	
	WP3361, 3366, 3368, 3369			#N/A	
Datum:	UTM			RIPARIAN INFORMATION	
	TRATE		Vegetation Stage	Young Forest	
Dominant	Organics				
Subdominant	Fines		Vegetated Across	<b></b>	
Subdominant			Flows into Fish Habitat Downstream		
Trace		Photo 1: Looking up ditch channel.	Underground Sections or Groundwater		
Trace			Surface Flow	✓	
Trace			Wetland Corridor (Flow Between Wetlands)		
	ASUREMENTS		Barrier		
Average Channel Width (m)	0.20		Artificial Channelization		
Average Wetted Width (m)	0.03		Culvert or Bridge		
Average Bankful Depth (m)			Water Flowing over Road (no Culvert)		
Average Water Depth (m)			No Defined Channel		
Average Pool Depth (m)	0.00		ADDITIONAL	NOTES	
WATERCOURSE MORPHOLOGY			Ephemeral/Intermitte	Ephemeral/Intermittent watercourse.	
	Ephemeral with				
Natercourse Type	Intermittent Characteristics				
Stage (season was very dry)	Mid				

L

Photo 2: Looking down ditch channel.

WATERCOURSE	INFORMATION
Watercourse ID:	Watercourse NR- WC-200b80
General Site Location:	Nuttby Grid A3
Watercourse Assessor(s):	IB, BC
Affiliation:	CBCL
Field Assessment Date:	26-Aug-22
UTM Coordinates:	WP2349
Datum:	UTM
SUBST	RATE
Dominant	Organics
Subdominant	Fines
Subdominant	Boulder
Trace	
Trace	
Trace	
CHANNEL ME	ASUREMENTS
Average Channel Width (m)	2.00
Average Wetted Width (m)	0.00
Average Bankful Depth (m)	0.00
Average Water Depth (m)	0.00
Average Pool Depth (m)	0.00
WATERCOURSE	MORPHOLOGY
	Ephemeral with
Watercourse Type	Intermittent Characteristics
Stage (season was very dry)	Mid

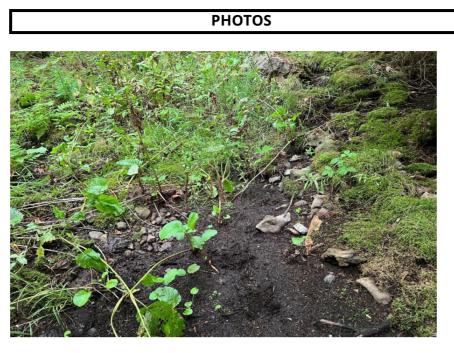


Photo 1: Habitat at WP2349.



Photo 2: Another view of WP2349.

# Common Name	ON SPECIES Scientific Name	
1	#N/A	
2	#N/A	
3	#N/A	
4	#N/A	
5	#N/A	
6	#N/A	
7	#N/A	
8	#N/A	
9	#N/A	
10	#N/A	
RIPARIAN INFOR	MATION	
Vegetation Stage	Mature Forest	
IMPORTANT FEATUR	S OBSERVED	
Vegetated Across	<b>I</b>	
Flows into Fish Habitat Downstream		
Underground Sections or Groundwater		
Surface Flow		
Wetland Corridor (Flow Between Wetlands)		
Barrier		
Artificial Channelization		
Culvert or Bridge		
Water Flowing over Road (no Culvert)		
No Defined Channel		
ADDITIONAL N		