



APPENDIX C

Stream Crossing Summary Sheets



Photo 497 - Downstream view from lake outlet.



Photo 485 - Downstream view from downstream end of study section.



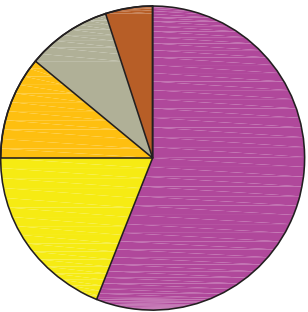
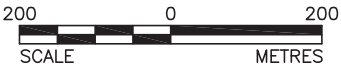
Photo 489 - Downstream view from 100 m upstream from proposed crossing location.



Photo 494 - Upstream view from proposed crossing location.

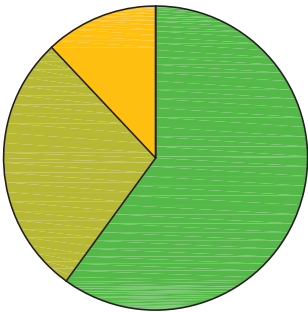


REFERENCE
IMAGE OBTAINED FROM COMPLEX MINERALS CORPORATION. PROJECTION:
TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: UTM ZONE 15



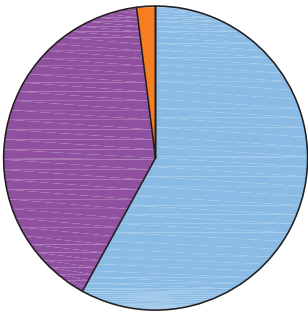
SUBSTRATE

- DETRITUS
- FINES
- GRAVEL
- COBBLE
- BOULDER



INSTREAM COVER

- VEGETATION
- BOULDER GARDENS
- UNDERCUT BANKS



HABITAT TYPE

- RIFFLES
- RUNS
- POOLS

Site M3.0
Date of Survey: June 20, 2008

Upstream UTM: 545477 E, 6971897 N
Downstream UTM: 545319 E, 6971656 N

Water Quality:

Time	12:15
Temperature	11.5°C
Conductivity	N/A
pH	N/A
DO	8 to 10 mg/L


Channel:

Stream length surveyed	200 m
Mean channel width	2.1 m
Mean flooded width	20.5 m
Discharge	N/A

Fish Captured / Observed:

Method	Capture (n)	Size range (mm)	Effort
E-fishing	—	—	211 s
Observations	NNST (2)	60	—
Egg sampling	—	—	—

* N/A = Not Assessed

PROJECT					AGNICO-EAGLE MINES MELIADINE GOLD PROJECT NUNAVUT				
TITLE					AQUATIC HABITAT SUMMARY FOR SITE M3.0				
		PROJECT 10.1373.0066.2100			FILE No.		1734704		
		DESIGN	JP	09/09/10	SCALE	AS SHOWN	REV.	0	
		CADD	KJM	09/09/10					
		CHECK	JP	10/09/10					
		REVIEW	GA	10/09/10	FIGURE: C1				

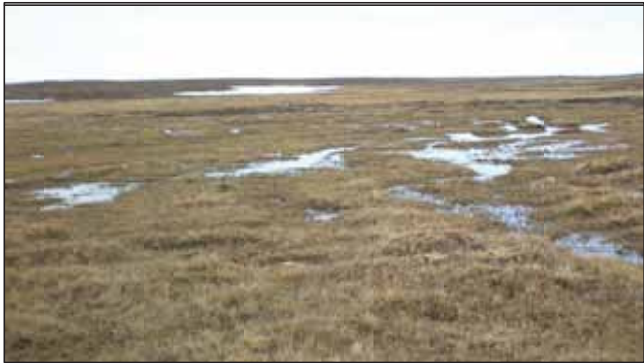


Photo 148 - Upstream view from lake inlet.



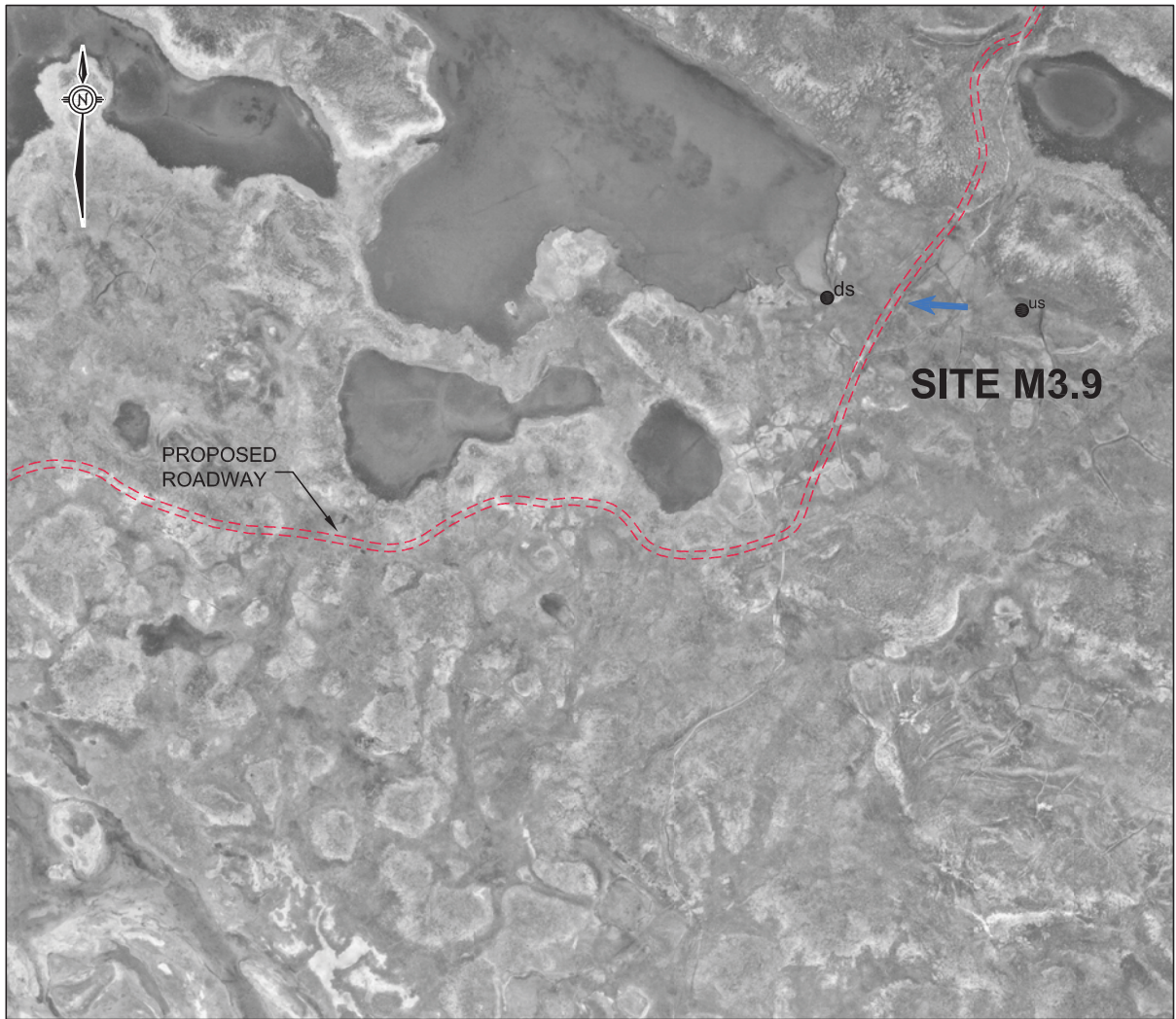
Photo 151 - Upstream view from 100 m upstream from the proposed crossing location.



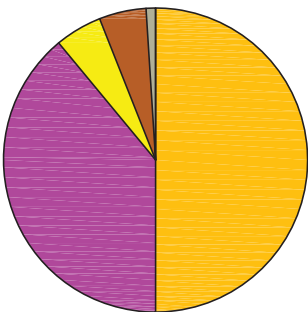
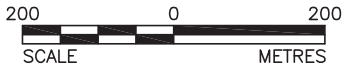
Photo 154 - Downstream view of watercourse and ATV damage 150 m upstream from the proposed crossing location.



Photo 156 - Downstream view from 200 m upstream from proposed crossing location.

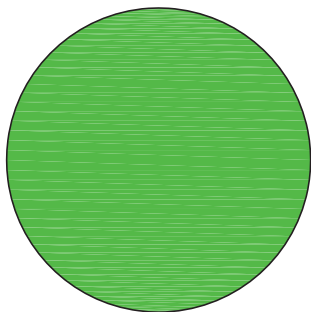


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TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: UTM ZONE 15



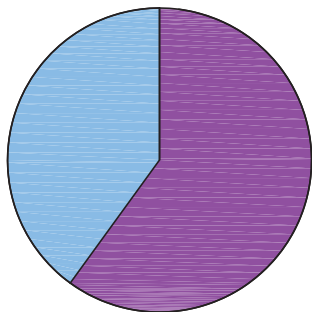
SUBSTRATE

- DETRITUS
- FINES
- GRAVEL
- COBBLE
- BOULDER



INSTREAM COVER

- VEGETATION
- BOULDER GARDENS
- UNDERCUT BANKS



HABITAT TYPE

- RIFFLES
- RUNS
- POOLS

Site M3.9
Date of Survey: June 18, 2008

Upstream UTM: 546349 E, 6972176 N
Downstream UTM: 546084 E, 6972193 N

Water Quality:

Time	15:45
Temperature	9.0 °C
Conductivity	N/A
pH	N/A
DO	8-10 mg/L

Channel:

Stream length surveyed	200 m
Mean channel width	2.2 m
Mean flooded width	44.3 m
Discharge	N/A

Fish Captured / Observed:

Method	Capture (n)	Size range (mm)	Effort
E-fishing	—	—	185 s
Observations	—	—	—
Egg sampling	—	—	—

* N/A = Not Assessed


PROJECT	AGNICO-EAGLE MINES MELIADINE GOLD PROJECT NUNAVUT			
TITLE	AQUATIC HABITAT SUMMARY FOR SITE M3.9			
	PROJECT	10.1373.0066.0021	FILE No.	1734705
	DESIGN	JP	09/09/10	SCALE AS SHOWN REV. 0
	CADD	KJM	09/09/10	
	CHECK	JP	10/09/10	
	REVIEW	GA	10/09/10	FIGURE: C2



Photo 135 - Ninespine stickleback - note the variation in colouration.



Photo 138 - View of lake outlet and left bank approach.



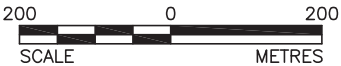
Photo 140 - View of lake inlet.



Photo 141 - View of proposed crossing location.



REFERENCE
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TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: UTM ZONE 15



Site M5.0
Date of Survey: June 18, 2008

Upstream UTM: 546623 E, 6973136 N
Downstream UTM: 546644 E, 6973126 N

Water Quality:	
Time	12:30
Temperature	11.0°C
Conductivity	N/A
pH	N/A
DO	8 to 10 mg/L

Channel:	
Stream length surveyed	29 m
Mean channel width	7.8 m
Mean flooded width	24.0 m
Discharge	0.034 m³/s

Fish Captured / Observed:			
Method	Capture (n)	Size range (mm)	Effort
E-fishing	NNST (60)	34-74	293 s
Observations	NNST (>200)	30-80	—
Egg sampling	—	—	10 kicks

* N/A = Not Assessed


PROJECT	AGNICO-EAGLE MINES MELIADINE GOLD PROJECT NUNAVUT			
	TITLE AQUATIC HABITAT SUMMARY FOR SITE M5.0			
	PROJECT 10.1373.0066.2100		FILE No. 1734706	
	DESIGN	JP	09/09/10	SCALE AS SHOWN
	CADD	KJM	09/09/10	REV. 0
	CHECK	JP	10/09/10	FIGURE: C3
	REVIEW	GA	10/09/10	



Photo 118 - Downstream view from 50 m downstream from proposed crossing location.



Photo 121 - Downstream view from left channel from 50 m downstream from proposed crossing location.



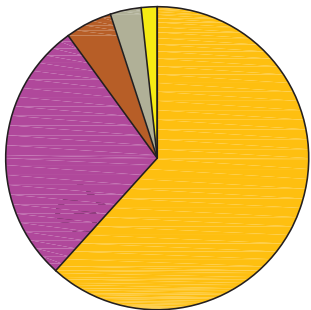
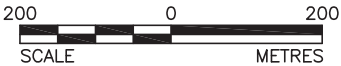
Photo 122 - Upstream view from 150 m downstream from proposed crossing location.



Photo 124 - Upstream view from inlet (200 m downstream from proposed crossing location).



REFERENCE
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TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: UTM ZONE 15



SUBSTRATE
■ DETRITUS
■ FINES
■ GRAVEL
■ COBBLE
■ BOULDER

Site M6.7
Date of Survey: June 20, 2008

Upstream UTM: 547336 E, 6974560 N
Downstream UTM: 547457 E, 6974507 N

Water Quality:

Time	10:45
Temperature	DRY
Conductivity	DRY
pH	DRY
DO	DRY

Channel:

Stream length surveyed	150 m
Mean channel width	DRY
Mean flooded width	38.7 m
Discharge	DRY

Fish Captured / Observed:

Method	Capture (n)	Size range (mm)	Effort
E-fishing	—	—	—
Observations	—	—	—
Egg sampling	—	—	—

* N/A = Not Assessed

PROJECT
AGNICO-EAGLE MINES
MELIADINE GOLD PROJECT
NUNAVUT

TITLE
**AQUATIC HABITAT SUMMARY FOR
SITE M6.7**



PROJECT	10.1373.0066.2100	FILE No.	1734707
DESIGN	RP	09/09/10	SCALE AS SHOWN REV. 0
CADD	KJM	09/09/10	
CHECK	JP	10/09/10	
REVIEW	GA	10/09/10	

FIGURE: C4



Photo 095 - Upstream view 30 m upstream from outlet.



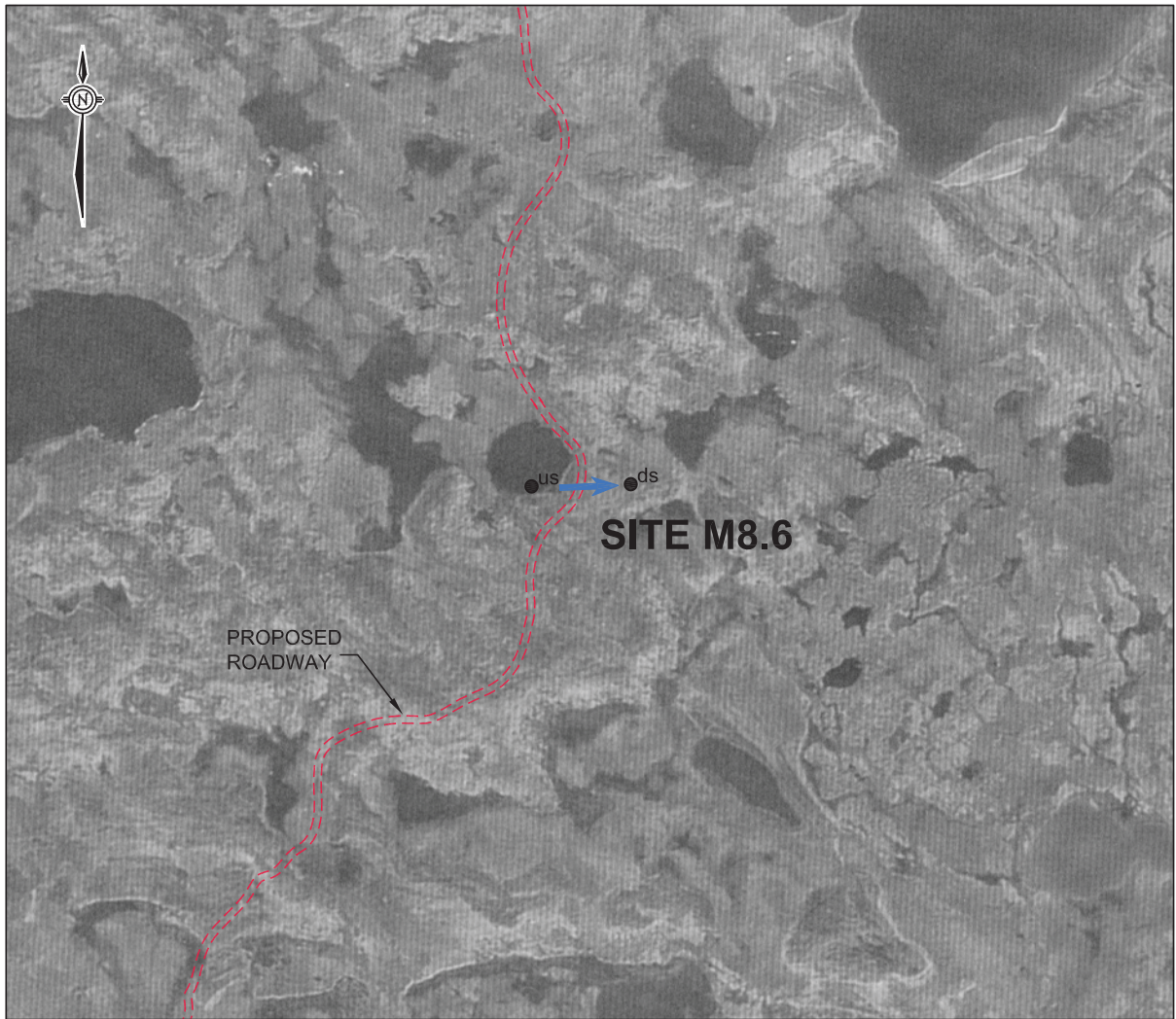
Photo 100 - Downstream view 90 m upstream from outlet.



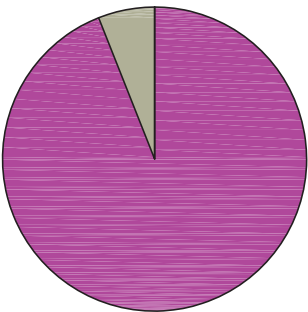
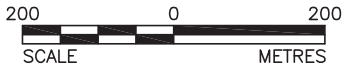
Photo 102 - Downstream view 120 m upstream from outlet.



Photo 109 - Upstream view of watercourse inlet/lake outlet (secondary channel).

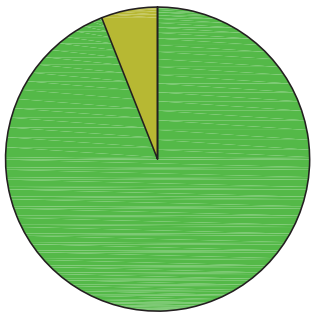


REFERENCE
IMAGE OBTAINED FROM COMAPLEX MINERALS CORPORATION. PROJECTION:
TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: UTM ZONE 15



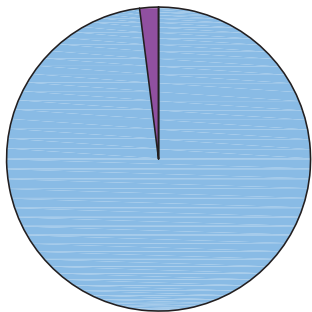
SUBSTRATE

- DETRITUS
- FINES
- GRAVEL
- COBBLE
- BOULDER



INSTREAM COVER

- VEGETATION
- BOULDER GARDENS
- UNDERCUT BANKS



HABITAT TYPE

- RIFFLES
- RUNS
- POOLS

Site M8.6
Date of Survey: June 18, 2008

Upstream UTM: 547855 E, 6975854 N
Downstream UTM: 547990 E, 6975857 N

Water Quality:

Time	07.30
Temperature	10.0°C
Conductivity	66.9 µS/cm
pH	7.8
DO	10 to 12 mg/L


Channel:

Stream length surveyed	120 m
Mean channel width	2.7 m
Mean flooded width	13.8 m
Discharge	N/A

Fish Captured / Observed:

Method	Capture (n)	Size range (mm)	Effort
E-fishing	—	—	262 s
Observations	—	—	—
Egg sampling	—	—	1 kick

* N/A = Not Assessed

PROJECT	AGNICO-EAGLE MINES MELIADINE GOLD PROJECT NUNAVUT				
TITLE	AQUATIC HABITAT SUMMARY FOR SITE M8.6				
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	CHECK	JP	10/09/10	FIGURE: C5	
	REVIEW	GA	10/09/10		