



MEADOWBANK MINE

2019 WILDLIFE MONITORING SUMMARY REPORT

FINAL

APPENDIX A

2019 Road Survey Forms – Meadowbank AWAR and Vault Haul Road

Whale Tail Haul Road

Page 1 of 1

Observer Names: Kevin M. Kathleen N.

Temperature: -19.7 Wind Speed (km/hr): 32.2 Wind Direction: SE Visibility (circle): 100m 500m 1km >1km Precipitation: _____

[illegible]

¹ **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

² *Habitat* = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed).

³ Behaviour = RE (Resting), SI (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)

⁴ Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment:

Meadowbank AWAAR

Vault Haul Road

Whale Tail Haul Road

Date (day/month/year) 2019-04-08

Time Started 14:07

Time Ended

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Start Location (UTM)

End Location

Observer Names: David K. Martin

Temperature: _____ Wind Speed (km/hr): 30 Wind Direction: S Visibility (circle): 100m (500m) 1km >1km Precipitation: _____

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank A/WAR

Vault Haul Road

Whale Tail Haul Road

Date (day/month/year) 09/04/15

Time Started 09:00

Time Ended 16:30

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Start Location (UTM) 356027/7135328

End Location 356027/7135328

Observer Names: Kutthay S. Katalak

Temperature: -17

Wind Speed (km/hr): 30

Wind Direction: S

Visibility (circle): 100m

500m 1km

Precipitation: 0

Time	Species Name	Number	Sex and Age ¹	Habitat Type (ELC) ²	Behaviour ³	Direction of Travel ⁴	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:02	AcFo	2		HT	OT Dec	N	50m	W	49	14W	625430	717466	
10:08	RaTs	12		HT	ST-Fo	S	250	W	35	14W	625369	717454	
13:31	RaTs	5		RaTs	ST-WL	S	1.5K	W	98	14W	633798	7215025	
13:35	N.O.	30		HT	RaTs	—	"	W	96	14W	632833	721346	
13:38	RaTs	42		HT	Fo	—	1K	W	94	14W	631546	7212707	
13:45	MO	2		HT	ST-WL	—	"	W	92	14W	630915	7209587	
14:13	RaTs	100		HT	GoWL	NW	1K	W	76	14W	625711	7198444	
14:23	RaTs	1000		HT	Fo	N	2K	W	71	14W	627002	7194069	
14:30	RaTs	63		HT	Fo WL	N	1.5K	W	64	14W	626464	7187815	
15:00	RaTs	41		HT	WL	N	1.5K	W	53	14W	625232	7178944	
15:05	RaTs	135		HT	WL	N	1.5K	W	57	14W	624930	7176896	
15:34	RaTs	97		HT	Fo	—	1K	W	38	14W	630365	7165803	
7:56	caribou	76		HT	WS	S	150m	W					
8:10	caribou	34		HT	WS	S	200m	W					

¹ Sex = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
² Habitat = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esper/Avens), RO (Rock & Boulder), and DI (Disturbed)
³ Behaviour = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
⁴ Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWA

Vault Haul Road

Whale Tail Haul Road

Date (day/month/year) 10/10/19

Time Started 4:15 PM

Time Ended 7:00 PM

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Start Location (UTM) Boxers Lake

End Location Meadowbank

Observer Names: Jason & Pauline

Temperature: Wind Speed (km/hr):

Wind Direction:

Visibility (circle): 100m 500m 1km >1km

Precipitation: None

PM - Afternoon

Time	Species Name	Number	Sex and Age ¹	Habitat Type (ELC) ²	Behaviour ³	Direction of Travel ⁴	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5:06	Loon	20	M+T		W5	N	100	N	16				
5:07	"	12	M+T		W5	N	700	N	19				
5:13	"	24	M+T		W5	N	600	N	25				
5:26	"	3	F+L		W5	N	<100	N	33				
5:42	"	50	M+T		W5	N	>500	N	49				
6:09	"	30	M+T		W5	N	2000	N	65				
6:16	"	12	M+T		W5	N	100	N	70				
6:17	"	11	M+T		W5	N	300	N	71				
6:17	"	300	M+T		W5	N	300	N	71				
6:21	"	50	M+T		W5	N	200	N	74				
6:22	"	200	M+T		W5	N	<100	N	75				
6:26	"	50	M+T		W5	N	<100	N	76				
6:34	"	12	M+T		W5	N	400	N	78				
6:36	"	500	M+T		W5	N	>200	N	79				
6:47	"	700	M+T		W5	N	400	N	87				

¹ Sex = M (Male) or F (Female); Age = C (Calf), Chick, Cub or Pup, Y (Yearling), and A (Adult)

² Habitat = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Eske/Avens), RO (Rock & Boulder), and DI (Disturbed)

³ Behaviour = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)

⁴ Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

NOTE: No all watch in close
Spent a field the road
Tail Haul Road (Hanging)

Whale Tail Haul Road

Page _____ of _____

Observer Names: Martin G. Kohn

Precipitation: N/C

⑩ 2 running when larger truck moved down road - others kept foraging

⑩ 2 running when larger truck moved down road - others kept foraging

Whale Tail Haul Road

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Start Location (UTM) Vault Road End Location km 16 Observer Names: Kathleen Newberry + Mary

Temperature: 72 Wind Speed (km/hr): 40 Wind Direction: SE Visibility (circle): 100m 500m 1km >1km Precipitation: N/A

[illegible]

1 Sex = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

² Habitat = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RU (Rock & Boulder), and UJ (Unstable).

3 Behaviour = RE (Resting), ST (Standing), AL (Alert), FU (Foraging), WS (Walking slowly), WC (Walking quickly), IN (Moving), RW (Running), WH (Wimming), DB (Dive Bombing), SW (Swimming), NE (Nesting), DI (Digging) (Elving)

⁴Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Whale Tail Haul Road

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Observer Names: Kathleen

500m 1km >1km Precipitation: —

[illegible]

¹ Sex = M (Male) or F (Female), Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
² Habitat = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
³ Behaviour = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
⁴ Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Caribou crossed the road at km 113 → 14W 0359/23 7218/22

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWA

Vault Haul Road

Whale Tail Haul Road

Date (day/month/year) 12/01/19

Time Started 09:00

Time Ended 16:15

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Start Location (UTM) 5W56022/9185258

End Location 5W56022/9185258

Observer Names: V. Utseth, J. Katselke

Temperature: -10 Wind Speed (km/hr): 5 Wind Direction: SW Visibility (circle): 100m

500m 1km >1km Precipitation: Fog Patches

Time	Species Name	Number	Sex and Age ¹	Habitat Type (ELC) ²	Behaviour ³	Direction of Travel ⁴	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)			Comments	
									KM	Zone	Easting		Northing
10:37	RaTe	210		HT	Angle	—	250	W	66.144		626246	718973	Fog
10:47	"	250		HT	"	—	250	W	75	"	626832	719518	Fog
11:13	"	240		"	"	—	300m	W	89	"	631122	720820	Fog
11:14	"	42		"	Walt	N	250	W	90	"	630909	720963	
11:27	RaTe	250		"	W	N	"	W	100	"	634265	721722	
13:01	RaTe	19		"	"	"	"	W	96	"	672907	721378	
13:34	RaTe	32		"	"	N	9m	W	84	"	627408	720393	
13:36	RaTe	49		"	"	N	250	W	83	"	626955	720740	
13:52	RaTe	132		"	"	N	300m	W	73	"	621661	719599	
14:00	RaTe	23		"	Walt	N	256	W	71	"	627010	719405	
14:14	"	24		"	"	"	650	W	69	"	627491	719207	
14:12	"	44		"	"	"	500	W	66	"	627491	719207	
14:23	"	54		"	Walt	"	"	W	61	"	626036	718514	
14:42	"	9		"	Walt	"	200	W	53	"	625206	717822	
15:26	"	56		"	"	"	"	W	49	"	635267	716085	

¹ Sex = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
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³ Behaviour = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SV (Swimming), NE (Nesting), DI (Digging)
⁴ Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Date (day/month/year) 12/04/19 Time Started 09:00 Time Ended 16:15 Page 2 of 2
 Start Location (UTM) 52QJ.1 End Location 52QJ.1 Observer Names: V. Atkinson, S. Kataluk
 Temperature: -10 Wind Speed (km/hr): 5k Wind Direction: SSW Visibility (circle): 100m 500m 1km >1km Precipitation: 0.5g 4.0 8.0 16.0 32.0 64.0 128.0 256.0 512.0 1024.0 2048.0 4096.0 8192.0 16384.0 32768.0 65536.0 131072.0 262144.0 524288.0 1048576.0 2097152.0 4194304.0 8388608.0 16777216.0 33554432.0 67108864.0 134217728.0 268435456.0 536870912.0 1073741824.0 2147483648.0 4294967296.0 8589934592.0 17179869184.0 34359738368.0 68719476736.0 137438953472.0 274877906944.0 549755813888.0 1099511627776.0 2199023255552.0 4398046511104.0 8796093022208.0 17592186044416.0 35184372088832.0 70368744177664.0 140737488355328.0 281474976710656.0 562949953421312.0 1125899906842624.0 2251799813685248.0 4503599627370496.0 9007199254740992.0 18014398509481984.0 36028797018963968.0 72057594037927936.0 144115188075855872.0 288230376151711744.0 576460752303423488.0 1152921504606846976.0 2305843009213693952.0 4611686018427387904.0 9223372036854775808.0 18446744073709551616.0 36893488147419103232.0 73786976294838206464.0 147573952589676412928.0 295147905179352825856.0 590295810358705651712.0 1180591620717411303424.0 2361183241434822606848.0 4722366482869645213696.0 9444732965739290427392.0 18889465931478580854784.0 37778931862957161709568.0 75557863725914323419136.0 151115727451828646838272.0 302231454903657293676544.0 604462909807314587353088.0 1208925819614629174706176.0 2417851639229258349412352.0 4835703278458516698824704.0 9671406556917033397649408.0 19342813113834066795298816.0 38685626227668133590597632.0 77371252455336267181195264.0 154742504910672534362390528.0 309485009821345068724781056.0 618970019642690137449562112.0 1237940039285380274899124224.0 2475880078570760549798248448.0 4951760157141521099596496896.0 9903520314283042199192993792.0 19807040628566084398385987584.0 39614081257132168796771975168.0 79228162514264337593543950336.0 158456325028528675187087900672.0 316912650057057350374175801344.0 633825300114114700748351602688.0 1267650600228229401496703205376.0 2535301200456458802993406410752.0 5070602400912917605986812821504.0 10141204801825835211973625643008.0 20282409603651670423947251286016.0 40564819207303340847894502572032.0 81129638414606681695789005144064.0 162259276829213363391578010288128.0 324518553658426726783156020576256.0 649037107316853453566312041152512.0 1298074214633706907132624082305024.0 2596148429267413814265248164610048.0 5192296858534827628530496329220096.0 10384593717069655257060992658440192.0 20769187434139310514121985316880384.0 41538374868278621028243970633760768.0 83076749736557242056487941267521536.0 166153499473114484112975882535043072.0 332306998946228968225951765070086144.0 664613997892457936451903530140172288.0 1329227995784915872903807060280344576.0 2658455991569831745807614120560689152.0 5316911983139663491615228241121378304.0 10633823966279326983230456482242756608.0 21267647932558653966460912964485513216.0 42535295865117307932921825928971026432.0 85070591730234615865843651857942052864.0 170141183460469231731687303715884105728.0 340282366920938463463374607431768211456.0 680564733841876926926749214863536422912.0 1361129467683753853853498429727072845824.0 2722258935367507707706996859454145691648.0 5444517870735015415413993718908291383296.0 10889035741470030830827987437816582766592.0 21778071482940061661655974875633165533184.0 43556142965880123323311949751266331066368.0 <

[illegible]

¹ Sex = M (Male) or F (Female), Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
² Habitat = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
³ Behaviour = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
⁴ Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Whale Tail Haul Road

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Observer Names: Kathleen

Temperature: -8.6 Wind Speed (km/hr): 2.7 Wind Direction: SE Visibility (circle): (100m) 500m 1km >1km Precipitation: —

[illegible]

^T Sex = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

2 **Habitat** = WA (Water), SE (Sedge), BR (Bark & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)

4 Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest) (Flying, DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging))

¹ Sex = M (Male) or F (Female), A₁ = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
² Habitat = WA (Water), SE (Seede), BR (Birch & Poplar Shrub), LT (Lichen-Rock), RC (Ridge Crest/Scree/Avens), RO (Rock & Boulder), and DI (Disturbed)
³ Behaviour = NE (Nesting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), CO (Courtship), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
⁴ Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Whale Tail Haul Road

Page 1 of 1

Observer Name: Kathleen

Temperature: -6.5 Wind Speed (km/h): 19 Wind Direction: N Visibility (circle): 100m 500m 1km >1km Precipitation: —

[illegible]

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank Awar

Vault Haul Road

Whale Tail Haul Road

Date (day/month/year) 14/04/2019

Time Started 12:30

Time Ended 17:00

Page ___ of ___

Start Location (UTM) Meadowbank End Location 14276

Observer Names: Jonathan Davis

Temperature: 17 Wind Speed (km/hr): 17 Wind Direction: N

Visibility (circle): 100m 500m 1km >1km

Precipitation: ___

Time	Species Name	Number	Sex and Age ¹	Habitat Type (ELC) ²	Behaviour ³	Direction of Travel ⁴	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
12:53	Caribou	50	mt		us	N	3	us	92				
13:06	Caribou	110	mt		FO	-	700	-	82				
13:09	Caribou	11	mt		us	N	700	N	81				
13:12	Caribou	11	mt		us	N	400	N	79				
13:15	Caribou	64	mt		FO	N	300	N	77				
North Trip													
16:00	Caribou	17	mt		us	E	over road	us	81				Cross Rd.
16:00	Caribou	70	mt		FO	N/A	>1km	-	80				

¹ Sex = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

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³ Behaviour = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Counting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)

⁴ Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWA R Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 14/04/19 Time Started 6:25 Time Ended _____ Page 1 of 1

Start Location (UTM) _____ End Location _____ Observer Names: Tamara K

Temperature: -7 Wind Speed (km/hr): 17 Wind Direction: N Visibility (circle): 100m 500m 1km (>1km) Precipitation: _____

Time	Species Name	Number	Sex and Age ¹	Habitat Type (ELC) ²	Behaviour ³	Direction of Travel ⁴	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments	
									KM	Zone	Easting	Northing		
7:02	caribou	41	-	HT	WS/FO	N	200m	N	27					
7:05	caribou	27	-	HT	WS	N	300m	N	28					
7:20	caribou	42	-	HT	WS	N/S	200m	W	36					split into 2
7:20	caribou	31	-	HT	WS	E	1km	W	36					met group
7:34	caribou	93	-	HT	WS/FO	N	400m	W	38					scattered &
7:42	caribou	75	-	HT	FO	-	300m	W	41					
8:05	caribou	54	-	HT	FO	-	120m	W	52					
8:19	caribou	81	-	HT	FO	-	100m	W	57					
11:00	caribou	14	-	HT	WS	N	175m	W	63					
11:03	caribou	23+30	-	HT	WS	N	200m	W	65					observed
11:10	caribou	~700	-	HT	WS	E	-	E	67					crossed
11:59	caribou	23	-	HT	WS	E	80m	E	72					
12:00	caribou	22	-	HT	FO	-	80m	W	72					
17:06	caribou	69	-	HT	RE/FO	-	1.5km	W	72					
19:01	caribou	3442	-	HT	RE/FO	-	300m	W	75					began w

split into 2 groups
met group of caribou
scattered between 38 and 39

observed more once on top of h
crossed the road

began walking south, more birds
km 76, 77

¹ Sex = M (Male) or F (Female), Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
² Habitat = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LT (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
³ Behaviour = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courtship), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
⁴ Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Whale Tail Haul Road

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100

Precipitation: 20[illegible]

⁴Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Cass'oo looked like they were going to cross just off the 2nd turned back west on the hill.

⁴ Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWMR

Vault Haul Road

Whale Tail Haul Road

Date (day/month/year) 23/04/19

Time Started 09:00

Time Ended 20:30

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Start Location (UTM) 540356017/3135734

End Location 540356027/3135734

Observer Names: Nutafree, J. K. Hall

Temperature: _____ Wind Speed (km/hr): _____ Wind Direction: _____ Visibility (circle): 100m 500m 1km >1km Precipitation: Flurries

Time	Species Name	Number	Sex and Age ¹	Habitat Type (ELC) ²	Behaviour ³	Direction of Travel ⁴	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
11:08	KaTa	5		HT	run	SW	250	W	5	14W	644727	7140484	
12:01	KaTa	60		HT	walk	W	150	W	52	14W	625149	7126177	
12:09	KaTa	32		KaTa	walk	N	400m	W	57	14W	625884	7181724	
14:39	KaTa	100+		AWMR	Forrest	E	AWMR	W-E	69	14W	622416	7191944	
14:46	KaTa	400+		HT	walk	N	900m	W	74	14W	624691	7196538	KaTa-76
14:51	KaTa	101		HT	walk	S	400m	W	81	14W	627637	7202478	
15:05	KaTa	17		HT	walk	N	400	W	83	14W	626932	7203813	
15:13	"	6		"	walk	S	400	W	88	14W	631326	7207016	
15:25	"	3		HT	"	S	500	W	90	14W	631323	7212158	
19	"	205+		1-1T	FO	N	200	W	61	14W	625254	7184139	61-59 km
19:51	"	20+		HT	run	S	400	W	54	14W	625755	7178925	
19:20	"	9		HT	walk	S	300	W	45	14W	627723	7177232	
19:51	"	40		HT	"	N	500	E	27	14W	636157	7159409	

¹ Sex = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
² Habitat = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Escher/Avens), RO (Rock & Boulder), and DI (Disturbed)
³ Behaviour = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courtship), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
⁴ Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Whale Tail Haul Road

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Observer Names: Kathleen

500m 1km >1km Precipitation: —

[illegible]

Sex = M (Male) or F (Female), **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
Habitat = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), UR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
Behaviour = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Whale Tail Haul Road

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Observer Names: Isabelle Couture

Wind Direction: NN Visibility (circle): 100m 500m 1km >1km Precipitation: none

¹ Sex = M (Male) or F (Female), Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
² Habitat = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avers), RO (Rock & Boulder), and DI (Disturbed)
³ Behaviour = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Counting), FL (Flying), DB (Dive-Bombing), SV (Swimming), NE (Nesting), DI (Digging)
⁴ Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Whale Tail Haul Road

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Observer Names: Adrian Tidwell, Alan B. Kelly

Temperature: 71 Wind Speed (km/hr): Wind Direction: Visibility (circle): 100m 500m 1km >1km Precipitation: none

[illegible]

^a Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest).

Circle the Relevant Segment: Meadowbank AWA Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-22 Time Started 7:45 Time Ended 11h50 Page 1 of 1

Start Location (UTM) Mk End Location BL Observer Names: Sobell, Couture

Temperature: 2-18 Wind Speed (km/hr): ~~100~~ Wind Direction: NW Visibility (circle): 100m 500m 1km >1km Precipitation: none

Precipitation: none

[illegible]

Sex = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

¹ Behaviour = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WC (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Fleeing), SE (Sedgeling), BR (Birch & Riparian Shrub), HI (Heath Upland), LI (Lichen), LR (Lichen-Rock), RC (Rock & Boulder), and DI (Disturbed).
² Habitat = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HI (Heath Upland), LI (Lichen), LR (Lichen-Rock), RC (Rock & Boulder), and DI (Disturbed).

⁴ Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest) (Fishing), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DJ (Jugging)

Whale Tail Haul Road

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names: John J. ...

Precipitation: 100mm

[illegible]

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWA

Vault Haul Road

Whale Tail Haul Road

Date (day/month/year) 23/04/2019

Time Started 6:00 am Time Ended 9:30 am

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Start Location (UTM) 14W0633956 (Mbx)

End Location Baker Lake

Observer Names: Isabelle Couture

Temperature: 20

Wind Speed (km/hr): 20

Wind Direction: East Visibility (circle): 100m 500m 1km

>1km

Precipitation: none

Time	Species Name	Number	Sex and Age ¹	Habitat Type (ELC) ²	Behaviour ³	Direction of Travel ⁴	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
6:10	Caribou	20			FO	South	125m	W	103	14W	0636433	7216791	
6:21	Caribou	3			ST	North	300m	E	97	14W	0633252	7214349	
6:27	moose	4			FO	North	100m	W	98	14W	0632964	7214044	
6:40	Caribou	35			FO	North	300m	W	89	14W	0631159	7208076	
7:12	Caribou	28			FO	North	50m	W	71	14W	0626931	7194249	
7:16	Caribou	17			ST	North	300m	W	71	14W	0627229	7193482	
7:22	Caribou	25			FO	North	150m	W	70	14W	0627369	7192566	
7:30	Caribou	100			FO	North	150m	W	68	14W	0626887	7191187	
7:40	Caribou	10			WS	North	100m	W	67	14W	0626755	7189780	
7:48	Caribou	10			FL	East	25m	W	62	14W	0626225	7185986	
8:34	Caribou	50			WB	South	1000m	W	31	14W	0634030	7162233	
9:00	Caribou	5			WS	South	800m	W	15	14W	0641571	7149880	

¹ Sex = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

² Habitat = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Escher/Avens), RO (Rock & Boulder), and DI (Disturbed)

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⁴ Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

