

**APPENDIX X.1**  
**WILDLIFE DATA**

**LIST OF TABLES**

Table X.1-1	Caribou Aerial Survey Data
Table X.1-2	Carnivore Den Survey Data
Table X.1-3	Wolverine Survey Data
Table X.1-4	Upland Birds Survey
Table X.1-5	Raptor Survey Data
Table X.1-6	Waterfowl Survey Data

Table X.1-1 Caribou Aerial Survey Data

Survey Date	Number of Individuals	Group Composition	Activity	Direction of Movement	Habitat	UTM East	UTM North
30-Mar-99	0						
2-Apr-99	1	F	B			507166	7076970
21-Jul-99	1	F	B		SW	530306	7068104
21-Jul-99	1	F	R	north	HT	530303	7066151
21-Jul-99	3	F/C	W	south	HT	530159	7065162
21-Jul-99	2		S		HT	530473	7049688
21-Jul-99	12	F/M/C	B		SW	530464	7042838
21-Jul-99	1	F	S		SF	530469	7042669
21-Jul-99	1		B		SW	522399	7056425
21-Jul-99	1		F	north	SW	522310	7060348
21-Jul-99	1,000	F/M/C	B/F		HT	514757	7078461
21-Jul-99	25	F/C	W	south	HT	514336	7077447
21-Jul-99	20	F/M/C	W	south	HT	514827	7075970
21-Jul-99	2	F	W	south-west	HT	515294	7065231
21-Jul-99	1	M	B		SW	514909	7056596
21-Jul-99	1	M	F	north	SF	514632	7035354
21-Jul-99	22	F/M/C	B		SW	514623	7034004
21-Jul-99	80	F/M/C	B		SW	506455	7036359
21-Jul-99	15	F/M/C	B		HT	506486	7036828
21-Jul-99	10	F/M/C	S		SF	506517	7037642
21-Jul-99	20	F/M/C	F		SW	506533	7041715
21-Jul-99	1		F		RS	506595	7044218
21-Jul-99	1	F	S		SW	506640	7046220
21-Jul-99	20	F/M/C	R	west	HT	506537	7074862
21-Jul-99	2	F/C	W	north	HT	506550	7075694
21-Jul-99	3	F/M/C	F		HT	506526	7076449
21-Jul-99	1	M	B		HT	506517	7077087
21-Jul-99	1	F	F		HT	515082	7081978
21-Jul-99	15	F/M/C	R	west	HT	498863	7076508
21-Jul-99	3	F/M/C	W	west	HT	498908	7075290
21-Jul-99	2	F/C	R	west	HT	498759	7070899
21-Jul-99	2	F/C	W	west	HT	498726	7069703
21-Jul-99	15	F/M/C	F		SF	498751	7054293
21-Jul-99	5	F/M/C	W	west	BE	498647	7049659
21-Jul-99	2		S		HT	498719	7048694
21-Jul-99	9	F/M/C	F		HT	498655	7046247
21-Jul-99	20	F/M/C	F		SW	498685	7045703
21-Jul-99	1		W	south	SW	498670	7038076
21-Jul-99	30	F/M/C	W	south	SF	498671	7037881
21-Jul-99	1	M	S		SW	498667	7035769
21-Jul-99	13	F/M/C	S		SW	490588	7046929
21-Jul-99	200	F/M/C	F		SF	490569	7047977
21-Jul-99	650	F/M/C	B/F	south	SW/HT	490784	7051568
21-Jul-99	400	F/M/C	F		SF	490846	7055404
21-Jul-99	1	F	R	north	SF	490723	7064214
21-Jul-99	2	F	F	south	HT	490580	7071076
21-Jul-99	85	F/M/C	W	west	HT	489634	7073901
21-Jul-99	12	F/M/C	W	west	HT	482877	7069248
21-Jul-99	60	F/M/C	SW	west	Lake	482461	7062116
21-Jul-99	2	F/C	S		SW	482875	7060825
21-Jul-99	2	F/C	W	west	SF	482731	7038280
22-Jul-99	2	F/C	R	south	SW	530703	7058374
22-Jul-99	1	F	F		SW	530686	7050981
22-Jul-99	6	F/M/C	R	north-east	SW	522524	7045587
22-Jul-99	2	F	F	south	HT	521839	7055114
22-Jul-99	2	F/C	R	north	HT	522890	7073936
22-Jul-99	1,300	F/M/C			EC	517462	7078861
22-Jul-99	1	F	W	west	HT	514799	7071042
22-Jul-99	1	F	F		HT	514879	7043604
22-Jul-99	2	F/C	F		SW	514920	7036497
22-Jul-99	2	F/C	F		SW	514939	7035440
22-Jul-99	400	F/M/C	F	west	HT	514208	7034752
22-Jul-99	1	M	F		SW	506752	7033251
22-Jul-99	1	M	R	north	SW	506449	7034492
22-Jul-99	12	F/M/C	F		SW	506541	7035854
22-Jul-99	650	F/M/C	F		HT	505873	7035918
22-Jul-99	6	F/M/C	F	west	HT	506882	7071180
22-Jul-99	1		F		HT	498774	7079099
22-Jul-99	2	F	W	west	HT	498919	7074739
22-Jul-99	1	M	W	south	HT	498763	7061821
22-Jul-99	1	F	F		SW	498685	7045834
22-Jul-99	1		S		HT	498816	7040594

Survey Date	Number of Individuals	Group Composition	Activity	Direction of Movement	Habitat	UTM East	UTM North
22-Jul-99	14	F/M/C	B		SW	498843	7038007
22-Jul-99	300	F/M/C	F		SF	498674	7037324
22-Jul-99	100	F/M/C	F		SW	498598	7035926
22-Jul-99	30	F/M/C	F		SW	498566	7035124
22-Jul-99	500	F/M/C	F		EC	490463	7039547
22-Jul-99	3	F/C	F		SW	490337	7041764
22-Jul-99	1	M	S		SF	489889	7046198
22-Jul-99	5	F/M/C	B		SW	490084	7047075
22-Jul-99	2	F/M/C	S		SF	490455	7048567
22-Jul-99	10	F/C	F		HT	490065	7051348
22-Jul-99	25	F/M/C	S		SF	490679	7056197
22-Jul-99	1		F		HT	490646	7059907
22-Jul-99	1	F	B		SW	490604	7068177
22-Jul-99	1	M	S		BE	482778	7068662
22-Jul-99	4	F/M/C	W	south-east	SF	482770	7066772
22-Jul-99	1	F	S		SF	482712	7065498
22-Jul-99	56	F/M/C	F		SF	482387	7050902
22-Jul-99	110	F/M/C	F		HT	482110	7040904
22-Jul-99	1	M	B		SW	482243	7039012
23-Jul-99	2	F/C	F		HT	530901	7057154
23-Jul-99	12	F/M/C	S		HT	530940	7056755
23-Jul-99	12	F/M/C	S		HT	530968	7056349
23-Jul-99	20	F/M/C	W	north	HT	531023	7054333
23-Jul-99	20	F/M/C	B		SW	531010	7053618
23-Jul-99	7	F/M/C	B		SW	530912	7052574
23-Jul-99	6	F/M/C	B		SW	530893	7052137
23-Jul-99	1		B		SW	530870	7050883
23-Jul-99	1	M	F		HT	530918	7046960
23-Jul-99	6	F/M/C	S		SW	530946	7044114
23-Jul-99	1	F	F		SW	530562	7037358
23-Jul-99	4	F/C	F		SW	530615	7036761
23-Jul-99	1	F	F		HT	530535	7033828
23-Jul-99	2	F/C	S		BE	522478	7055339
23-Jul-99	2	F/C	S		BE	522467	7055703
23-Jul-99	4	F/C	S		BE	522439	7056226
23-Jul-99	2	F/C		south	HT	522703	7079179
23-Jul-99	1		W	north	HT	514914	7078857
23-Jul-99	3	F/C	F		HT	514788	7076272
23-Jul-99	1		F		HT	515049	7059504
23-Jul-99	1	F	F		SW	515057	7058960
23-Jul-99	2		F		SW	514519	7038555
23-Jul-99	3	F/C	F		HT	514708	7028993
23-Jul-99	2	F/C	W	west	HT	514719	7028160
23-Jul-99	12	F/M/C	F			514710	7027777
23-Jul-99	10	F/M/C	W	south	SW	514697	7027330
23-Jul-99	5	F/M/C	F		SW	514691	7027039
23-Jul-99	3		S		SW	514696	7026586
23-Jul-99	4		S		SW	514704	7026427
23-Jul-99	8	F/M/C	W	south	SW	514733	7026107
23-Jul-99	5	F/M/C	W	south	SW	514746	7025775
23-Jul-99	12	F/M/C	F		SW	514725	7025515
23-Jul-99	2	F/C	W	south	SW	514672	7025143
23-Jul-99	1	F	F		SW	514724	7024071
23-Jul-99	2	F/M/C	W	west	SW	506840	7027538
23-Jul-99	1		W	west	SW	506833	7028173
23-Jul-99	1	M	B		SW	506835	7029775
23-Jul-99	1	C	F		SF	506827	7030276
23-Jul-99	3	F/C	B		SW	506812	7032040
23-Jul-99	1	C	B		SW	506805	7032697
23-Jul-99	5	F/M/C	F		SF	506678	7034706
23-Jul-99	4	M	F		SW	506736	7036824
23-Jul-99	2	F/C	S		HT	506788	7040726
23-Jul-99	25	F/M/C	F		SW	506814	7042467
23-Jul-99	1	M	S		SW	506847	7046276
23-Jul-99	2	M	S		SW		
23-Jul-99	1	F	F		HT	506558	7053724
23-Jul-99	1	F	S		SW	506445	7054714
23-Jul-99	15	F/M/C	W	south-west	HT	499006	7076857
23-Jul-99	1	F	F		SW	500333	7060413
23-Jul-99	1	M	W	south	HT	500112	7056104
23-Jul-99	1	F	B		SW	499909	7055491
23-Jul-99	2	M	W	south	HT	498749	7053126

Table X.1-1 Caribou Aerial Survey Data

Survey Date	Number of Individuals	Group Composition	Activity	Direction of Movement	Habitat	UTM East	UTM North
23-Jul-99	2	M	W	south	SW	498831	7050205
23-Jul-99	4	F/M/C	F		HT	498839	7049430
23-Jul-99	2	F/C	F		HT	498836	7048661
23-Jul-99	3	F/M/C	F		HT	498873	7047994
23-Jul-99	5	F/M/C	F		HT	498878	7047612
23-Jul-99	12	F/M/C	W	west	HT	498853	7046930
23-Jul-99	5	F/M/C	W	west	SF	498729	7045927
23-Jul-99	2	F/C	W	south	SW	498604	7044810
23-Jul-99	12	F/M/C	W	west	HT	498710	7043643
23-Jul-99	4	F/C	B		SW	499010	7041153
23-Jul-99	16	F/M/C	B		SW	499096	7037719
23-Jul-99	5	F/M/C	W	west	SW	498905	7036728
23-Jul-99	35	F/M/C	B		SW	498881	7036612
23-Jul-99	2	M	B		SW	498506	7035324
23-Jul-99	1	F	S		SW	498488	7034199
23-Jul-99	5	F/M/C	S		SW	498601	7032878
23-Jul-99	5	F/M/C	F		SW	498616	7032470
23-Jul-99	4	F/M/C	W	south	SW	498614	7032098
23-Jul-99	8	F/M/C	B		SW	498639	7031506
23-Jul-99	5	F/M/C	B		SW	498685	7030837
23-Jul-99	12	F/M/C	S		SW	498712	7030251
23-Jul-99	2	F/M/C	F		SW	498751	7029569
23-Jul-99	12	F/M/C	F		SW	498786	7029070
23-Jul-99	24	F/M/C	F		SW	498885	7028416
23-Jul-99	10	F/M/C	F		SW	499070	7027561
23-Jul-99	4	F/M/C	F		SW	499129	7027298
23-Jul-99	2	F/M/C	F		SW	499240	7026765
23-Jul-99	1	F	B		SW	490696	7026626
23-Jul-99	4	M	B		SW	489547	7036371
23-Jul-99	6	F/M/C	B		SW	489572	7037333
23-Jul-99	4	M	F		SW	489601	7038044
23-Jul-99	2	M	S		SW	490480	7039992
23-Jul-99	24	F/M/C	F		SW	490720	7045759
23-Jul-99	3	F/C	B		SW	490591	7047738
23-Jul-99	3	F/M/C	W	north	HT	490572	7048465
23-Jul-99	1	M	S		SW	490449	7059293
23-Jul-99	3	F/M/C	B		SW	490450	7060040
23-Jul-99	1	F	B		SW	490452	7067934
23-Jul-99	3	F/M/C	B		HT	490493	7068586
23-Jul-99	2	M	S		HT	490643	7074344
23-Jul-99	1	C	R	south	HT	482544	7068994
23-Jul-99	2	F/C	W	south	HT	482475	7066450
23-Jul-99	4	M	W	west	HT	482422	7065754
23-Jul-99	5	F/M/C	W	east-west	HT	482779	7061301
23-Jul-99	2	F/C	B		SW	482731	7060522
23-Jul-99	1	M	B		SW	482713	7059968
23-Jul-99	15	F/M/C	B		HT	482457	7043196
23-Jul-99	4	F/M/C	F		HT	482490	7039916
23-Jul-99	10	F/M/C	W	west	HT	482484	7039323
23-Jul-99	60	F/M/C	F	west	HT	482498	7038795
11-Apr-00	0						
14-Apr-00	0						
16-Apr-00	0						
18-Apr-00	0						
23-Apr-00	1		W	north	IC	441229	6981014
23-Apr-00	50		W	north	SF	435926	6987004
23-Apr-00	200		W	north	IC	436831	6988161
23-Apr-00	60		W	north	IC	433616	6972884
4-May-00	2		W	east	IC	482909	7064873
4-May-00	30		W	east	IC	482886	7064021
4-May-00	30		B		IC	482861	7063079
4-May-00	40		B/F		IC	482861	7063079
4-May-00	14		W	north	IC	482720	7053065
4-May-00	25		W	north	IC	482747	7049744
4-May-00	20		B		IC	482737	7049331
4-May-00	18		B		IC	482840	7045466
4-May-00	18		W	north-west	IC	482808	7040601
4-May-00	4		W	north-west	HT	490766	7042790
4-May-00	20		B		IC	490830	7047303
4-May-00	18		S		HT	490859	7048054
4-May-00	5		B		HT	490980	7054769
4-May-00	10		B		HT	490980	7054769

Table X.1-1 Caribou Aerial Survey Data

Survey Date	Number of Individuals	Group Composition	Activity	Direction of Movement	Habitat	UTM East	UTM North
4-May-00	30		B		HT	490959	7055502
4-May-00	4		B		HT	490956	7055793
4-May-00	3		W	north-west	HT	490956	7056794
4-May-00	25		F		HT	490975	7057634
4-May-00	20		F		HT	490972	7059416
4-May-00	2		F		HT	490969	7059633
4-May-00	8		B		HT	490949	7060690
4-May-00	5		F		HT	490920	7063234
4-May-00	5		F		HT	490975	7067290
4-May-00	1		S		HT	490985	7067564
4-May-00	25		B/F		HT	491001	7067912
4-May-00	8		S		HT/BE	491020	7068876
4-May-00	3		S		IC	490987	7071369
4-May-00	5		W	north-east	IC	490939	7074676
4-May-00	200		W	north	IC	499020	7082807
4-May-00	115		W	north	IC	498578	7072008
4-May-00	25		W	north-east	IC	498560	7070769
4-May-00	100		W	north	IC	498541	7070024
4-May-00	100		W	north-east	IC	498542	7069359
4-May-00	100		W	north-east	IC	495842	7069359
4-May-00	20		B		IC	498547	7066951
4-May-00	25		B		IC	498549	7066674
4-May-00	35		W	north	IC	498546	7066430
4-May-00	3		W	north	IC	498556	7064023
4-May-00	50		W	north	IC	498544	7063700
4-May-00	22		B		IC	498539	7062148
4-May-00	2		B		HT	498476	4059784
4-May-00	24		F		HT	498590	7056565
4-May-00	1		W	north-east	IC	498717	7050938
4-May-00	18		F		HT	498724	7050356
4-May-00	8		B		HT	498722	7049831
4-May-00	2		B		HT	498720	7049391
4-May-00	5		B		IC	498686	7047502
4-May-00	30		W	north	IC	498685	7047136
4-May-00	33		W	east	IC	498807	7039904
4-May-00	1		T	south	IC	498804	7039441
4-May-00	5		S		IC	498775	7029221
4-May-00	3		S		IC	498766	7028670
4-May-00	15		W	north	IC	506637	7063296
4-May-00	80		W	north	IC	506645	7064374
4-May-00	1		S		IC	506644	7064923
4-May-00	5		F		HT	506641	7065161
4-May-00	7		B		HT	506643	7065368
4-May-00	9		B		HT	506650	7065640
4-May-00	15		B		HT	506653	7065779
4-May-00	8		W	north	HT	506658	7065950
4-May-00	7		W	north	HT	506659	7066163
4-May-00	85		F		HT	506662	7066791
4-May-00	15		W	north	HT	506669	7067024
4-May-00	7		B		IC	506673	7067219
4-May-00	6		B		IC	506677	7067420
4-May-00	3		F		HT	506716	7070089
4-May-00	26		B		HT	506703	7071415
4-May-00	5		F		HT	506732	7072049
4-May-00	3		B		IC	506749	7072275
4-May-00	6		F		HT	506771	7074704
4-May-00	8		F		HT	506837	7076976
4-May-00	150		W	north	IC	514628	7081281
4-May-00	25		W	north	IC	514630	7081071
4-May-00	15		W	north	IC	514628	7080625
4-May-00	15		W	north-east	HT	514625	7079558
4-May-00	2		W	north-east	HT	514603	7077449
4-May-00	80		W	north	HT	514654	7065670
4-May-00	30		W	north	HT	514821	7039155
4-May-00	1		F		HT	514740	7027720
4-May-00	10		W	north	HT	522719	7073042
4-May-00	500		B		HT	522750	7079555
4-May-00	40		B		IC	530748	7071186
4-May-00	80		W	north-east	IC	530747	7068926
4-May-00	5		W	north	HT	510672	7050684
4-May-00	60		W	north	IC	510652	7058328
4-May-00	10		S		HT	510662	7058943

Table X.1-1 Caribou Aerial Survey Data

Survey Date	Number of Individuals	Group Composition	Activity	Direction of Movement	Habitat	UTM East	UTM North
4-May-00	80		B		IC	510701	7059922
4-May-00	6		B		IC	502615	7061389
4-May-00	7		B		IC	502666	7059694
4-May-00	12		B		HT	502704	7054407
4-May-00	24		W	north	HT	502672	7053336
4-May-00	5		W	north	HT	502681	7052899
4-May-00	6		S		HT	502654	7051079
4-May-00	4		F		HT	502664	7050866
4-May-00	2		W	north	IC	502682	7045379
4-May-00	7		B		HT	502649	7044038
7-May-00	65		S		IC	482653	7060397
7-May-00	5		T		HT	482692	7050541
7-May-00	6		T		HT	482726	7038368
7-May-00	15		W	north	IC	482720	7033295
7-May-00	2		W	north	HT	490658	7029844
7-May-00	6		W	north	IC	490722	7053991
7-May-00	5		W	north	IC	490759	7061548
7-May-00	25		W	north-west	IC	490749	7062327
7-May-00	8		F		HT	490753	7063088
7-May-00	3		W	west	IC	490785	7066015
7-May-00	5		W	west	IC	490785	7066292
7-May-00	12		F		HT	490665	7072832
7-May-00	5		F		HT	490686	7074803
7-May-00	1					490696	7075421
7-May-00	12				HT	490723	7079992
7-May-00	12		B		HT	498676	7080546
7-May-00	1		S		HT	498676	7080498
7-May-00	2		B		IC	498682	7078294
7-May-00	2		B		IC	498672	7077588
7-May-00	8		B		HT	498606	7071592
7-May-00	2		F		HT	498628	7071042
7-May-00	10		W	north-west	IC	498653	7043299
7-May-00	14		B		HT	498675	7033649
7-May-00	20		B		HT	498683	7032872
7-May-00	49		F		IC	498740	7028890
7-May-00	25		S		IC	506971	7052697
7-May-00	10		F		HT	506707	7071643
7-May-00	1		S		BE	506693	7073662
7-May-00	20		B	north	IC	506717	7074667
7-May-00	2		B		HT	506743	7077036
7-May-00	10		F		HT	506744	7077087
7-May-00	20		B		IC	506728	7078577
7-May-00	20		B		IC	506737	7083511
7-May-00	2		W	north	IC	506741	7084046
7-May-00	370		W	north	IC	512706	7077575
7-May-00	15		T	west	HT	514815	7031183
7-May-00	8		F		HT	522716	7061360
7-May-00	10		F		HT	522734	7071042
7-May-00	6		F		HT	510733	7050276
10-May-00	10		B		IC	482491	7063578
10-May-00	15		F		BO	482773	7055545
10-May-00	8		W	north	IC	482764	7048156
10-May-00	2		B		IC	491164	7046040
10-May-00	1		F		HT	491331	7055714
10-May-00	7		W	north	IC	491055	7062136
10-May-00	18		B		HT	490948	7072211
10-May-00	30		B		HT	498659	7072583
10-May-00	22		S		HT	498923	7054494
10-May-00	10		W	north	HT	499026	7049057
10-May-00	10		B		HT	499004	7028656
10-May-00	3		B		HT	499003	7027513
10-May-00	10		F		HT	506661	7031762
10-May-00	25		T	north	HT	506792	7037095
10-May-00	10		B		HT	506742	7066081
10-May-00	4		B		HT	506855	7074750
10-May-00	12		B		HT	506868	7077744
10-May-00	10		B		HT	514702	7033956
10-May-00	14		F		HT	523055	7080049
10-May-00	8		S		IC	510142	7055888
10-May-00	1					510327	7058228
21-Jul-00	50		W	west	EC	482466	7069084
21-Jul-00	1		F		SW	490688	7068955

Survey Date	Number of Individuals	Group Composition	Activity	Direction of Movement	Habitat	UTM East	UTM North
21-Jul-00	3		W	south	EC	498707	7078748
21-Jul-00	1		W	west	HT	498683	7076432
21-Jul-00	1		W	west	SW	498665	7075399
21-Jul-00	45	F/M/C	W	west	EC	498633	7074087
21-Jul-00	15		W	west		498551	7072478
21-Jul-00	1		S			498514	7049477
21-Jul-00	150	F/M	B		SW	514705	7078364
21-Jul-00	7		W	west		514623	7076160
21-Jul-00	10		W	west		514700	7075621
17-Aug-00	1	M	W	north	HT	490725	7073188
17-Aug-00	3	F	R	west	HT	498773	7077945
17-Aug-00	1	F	T	west	HT	498652	7037059
17-Aug-00	1	F	S		Lake	507161	7032318
17-Aug-00	6		S		SW	498716	7041414
17-Aug-00	1		S		Lake	498716	7040210
17-Aug-00	1		S			498653	7038430

Notes: F = female; M = male; C = calf; UN = unknown.  
 B = bed; R = run; W = walk; T = trot; S = stand; F = feed.  
 SW = sedge wetland; HT = heath tundra; SF = spruce forest; IC = ice;  
 BE = bedrock; BO = boulder; EC = esker complex.  
 UTM = Universal Transverse Mercator.

Survey Date	Survey Type	Species	Number of Individuals	Habitat	UTM East	UTM North	Comments
5/28/1999	Air	Snow Goose	2		507959	7048951	
5/28/1999	Air	Snow Goose	23		509611	7034241	
5/28/1999	Air	Tundra Swam	5		504361	7023701	
5/28/1999	Air	Arctic Hare	1		504825	7023755	
5/28/1999	Air	Falcon	1		516540	7027084	Unidentified falcon
5/28/1999	Air	Mallard	2		518028	7027310	
5/28/1999	Air	Snow Goose	4		500484	7022967	
5/28/1999	Air	Snow Goose	1		489737	7029775	
5/28/1999	Air	Wolverine			486897	7030297	Wolverine track
5/28/1999	Air	Bear Excavation			491984	7031015	Bear excavation for Arctic ground squirrel
5/28/1999	Air	Red-throated Loon	1		492292	7030788	
5/28/1999	Air	Den Site			498990	7032996	
5/28/1999	Air	Caribou			498553	7033309	Caribou tracks on esker
5/28/1999	Air	Merlin	1		498926	7033584	Merlin flying
5/28/1999	Air	Lesser Scaup, Mallard	13		500082	7033362	2 mallards
5/28/1999	Air	Mallard, Northern Pintail	4		501588	7033937	2 northern pintail
5/28/1999	Air	Common Raven	2		501507	7039811	
5/28/1999	Air	Mallard	2		504330	7044517	Male and female
5/28/1999	Air	Northern Pintail	1		507733	7035342	Male
5/28/1999	Air	Peregrine Falcon	2		519414	7039412	Male and female
5/28/1999	Air	Potential Nest			519476	7039635	Peregrine falcon
5/28/1999	Air	Northern Pintail	1		518499	7037850	Male
5/28/1999	Air	Fox Den			511233	7036388	Fresh tracks - 6 holes
5/28/1999	Air	Bald Eagle	1		508959	7036112	Bald eagle on esker
5/28/1999	Air	Gryfalcon Perch			495339	7037946	Gryfalcon perch
5/28/1999	Air	Gryfalcon Nest			495401	7037933	Start of esker
5/28/1999	Air	Common Raven	1		496587	7041166	
5/28/1999	Air	Fox Den			482893	7035553	
5/28/1999	Air	Merlin Nest			487898	7038196	Nest tree
5/28/1999	Air	Tundra Swan	1		493871	7039769	Start of esker
5/28/1999	Air	Tundra Swan	12		502961	7043169	
5/28/1999	Air	Tundra Swan	2		509317	7043144	
5/28/1999	Air	Bear Excavation			519469	7047907	Excavation
5/28/1999	Air	Raven Nest			520151	7048179	
5/28/1999	Air	Fox Den			498990	7032996	22 holes with possible 20-m radius
5/28/1999	Air	Fox Den			518886	7047906	Old fox den
5/28/1999	Air	Arctic Ground Squirrel			518809	7047859	
5/28/1999	Air	Lesser Golden Plover	2		517205	7047020	Pair
5/28/1999	Air	Fox Den			504014	7043145	Possible fox den
5/29/1999	Air	Gryfalcon Nest			536643	7051504	
5/29/1999	Air	Peregrine Falcon			497248	7046739	On ledge
5/29/1999	Ground	Fox Den			514922	7046326	Recent use fox den

Survey Date	Survey Type	Species	Number of Individuals	Habitat	UTM East	UTM North	Comments
5/29/1999	Ground	Arctic Hare			513998	7046014	Running
5/29/1999	Ground	Old Squaw	2		513260	7045755	Pair on small lake
5/29/1999	Ground	Caribou Tracks			512616	7045320	Caribou tracks on the snow
5/29/1999	Ground	Wolf Track			512167	7044616	Followed caribou along esker
5/29/1999	Air	Perch Sites			516804	7044040	Possible perch sites - whitewash
5/29/1999	Air	Wolverine Track			527089	7048978	On ice
5/29/1999	Air	Bear Excavation			528768	7049262	Digging for Arctic squirrel
5/29/1999	Air	Bear Excavation			532403	7050211	Digging for Arctic squirrel
5/29/1999	Air	Green-winged Teal	2		535069	7050674	Pair
5/29/1999	Air	Gryfalcon Nest	3		536656	7051554	1 immature
5/29/1999	Air	Bear Tracks			536453	7051304	Possible bear
5/29/1999	Air	Perch Sites			529937	7050777	Perch sites - not nest - common raven
5/29/1999	Air	Red Fox			535849	7044844	Sighting - running
5/29/1999	Air	Wolverine Tracks			535786	7044828	
5/29/1999	Air	Wolverine Tracks			535900	7057370	
5/29/1999	Air	Rough-legged Hawk	1		529275	7059067	Flying
5/29/1999	Air	Wolverine	1		526241	7065863	Running on ice
5/29/1999	Air	Raptor Nest			498009	7057561	Inactive
5/29/1999	Air	Greater White-fronted Goose	1		494679	7053613	Flying
5/29/1999	Air	Peregrine Falcon Nest	1		497293	7046796	Active nest
5/29/1999	Air	Wolverine Tracks			479756	7055259	
5/29/1999	Air	Red Fox			480633	7055206	Possible den
5/29/1999	Air	Bear Excavation			479789	7055264	Digging
5/29/1999	Air	Fox Den			481216	7055284	One recent use
5/29/1999	Air	American Kestrel	1		484449	7057276	Adult seen
5/29/1999	Air	Old Raptor Nest			483873	7057814	
5/29/1999	Air	Bear Excavation			490357	7062381	Digging
5/29/1999	Air	Peregrine Nest			478799	7065175	Nest active
5/29/1999	Air	Rough-legged Hawk	1		479179	7065357	Flying
5/29/1999	Air	Peregrine Falcon	2		481380	7064742	
5/30/1999	Ground	Arctic Hare	1		505509	7042841	Hare killed (fur)
5/30/1999	Ground	Bear Scat			505903	7042720	Old bear scat (1 year old)
5/30/1999	Ground	Wolf Den			507721	7042788	Old site, some bear excavation
5/30/1999	Ground	Waterfowl	7		509990	7043498	2-tundra swan, 2-northern pintail, 2-mallards, 1-green-winged teal
5/30/1999	Air	Fox Dens			518780	7079738	2 potential den sites
5/30/1999	Air	Wolverine			518524	7079780	Running heath tundra <30% boulders
5/30/1999	Air	Greater White-fronted Goose	4		517843	7079164	Flying
5/30/1999	Air	Bear Tracks			517480	7079100	
5/30/1999	Air	Caribou Tracks			517295	7079014	
5/30/1999	Air	Fox Den			516568	7078685	

Survey Date	Survey Type	Species	Number of Individuals	Habitat	UTM East	UTM North	Comments
5/30/1999	Air	Green-winged Teal/Lesser Scaup	7		516014	7078286	2-green-winged teal and 5-lesser scaup
5/30/1999	Air	Fox Den			515240	7077993	
5/30/1999	Air	Peregrine			515333	7070887	Potential nest area #23 (peregrine falcon) and top of cliff face
5/30/1999	Air	Tundra Swan	1		511558	7066572	Flying
5/30/1999	Air	Gryfalcon	2		508931	7069293	Nest and 2 adults
5/30/1999	Air	Wolf/Wolverine/Caribou	3		507344	7069293	1 of each - wounded caribou, kill site
5/30/1999	Air	Wolverine Tracks			505571	7067887	Wolverine and wolf tracks
5/30/1999	Air	Wolverine Tracks			502430	7064749	Wolverine and wolf tracks
5/30/1999	Air	Bear Excavation			501978	7064257	Excavation for Arctic ground squirrel
5/30/1999	Air	Wolf/Fox Den			501467	7063868	Wolf den and 2 beds white, grey
5/30/1999	Air	Red Fox	1		498971	7058613	Running - spruce forest
5/30/1999	Air	Bear Excavation			505736	7067999	Excavation for Arctic ground squirrel
5/30/1999	Air	White Wolf			481682	7067922	Wolf den site
5/30/1999	Air	Steep Esker			482956	7067922	Potential denning site
5/30/1999	Air	Greater White-fronted Goose	4		489929	7071588	
5/30/1999	Air	Tundra Swan/American Widgeon/Lesser Scaup	15		489974	7071675	5-tundra swan, 2-american widgeon, 8-lesser scaup, lake
5/30/1999	Air	Fox Den			490766	7071894	
5/30/1999	Air	Bear Excavation			490093	7071843	
5/30/1999	Air	Northern Pintail	3		487797	7071005	One pair and one female
5/30/1999	Air	Red-throated Loon	1		486895	7070592	Swimming
5/30/1999	Air	Wolf (Gray)	1		485780	7070302	Running west along esker
5/30/1999	Air	Gryfalcon Nest			484266	7069508	
5/30/1999	Air	Merlin Nest			483606	7068443	
5/30/1999	Air	Caribou	1		492381	7056942	Running on ice (Male)
5/25/2000	Ground	None	0	Esker Complex	515781	7046524	Start survey here
5/25/2000	Ground	Bear	1	Esker Complex	515209	7046453	Bear scat with berries and feathers
5/25/2000	Ground	Unkown	1	Ice	515077	7046484	Carcass on thin ice. Possibly wolf carcass.
5/25/2000	Ground	Fox	1	Esker Complex	514795	7046557	Fox scat on top of esker
5/25/2000	Ground	Fox	1	Esker Complex	514795	7046554	Fox track next to Arctic ground squirrel diggings
5/25/2000	Ground	Raven	1	Esker Complex	514685	7046448	Raven nest in tall willow
5/25/2000	Ground	Wolf	2	Esker Complex	512626	7045608	Tracks
5/25/2000	Ground	Wolf	2	Esker Complex	512440	7045396	Wolf tracks next to old Arctic ground squirrel burrow
5/25/2000	Ground	Wolf	1	Esker Complex	512063	7045054	Wolf track
5/25/2000	Ground	None	0	Esker Complex	511505	7044416	End of survey for now, break for orientation
5/25/2000	Ground	None	0	Esker Complex	511128	7044282	Start survey again

Survey Date	Survey Type	Species	Number of Individuals	Habitat	UTM East	UTM North	Comments
5/25/2000	Ground	Wolf	1	Esker Complex	510569	7043900	Track in sand, south side of esker
5/25/2000	Ground	Grizzly	1	Esker Complex	510101	7043790	Track crossing esker, heading north
5/25/2000	Ground	Wolf	3	Esker Complex	509297	7043537	Tracks of 3-4 wolves travelling together
5/25/2000	Ground	Wolf	1	Esker Complex	508844	7043283	Track only
5/25/2000	Ground	Wolf	1	Esker Complex	506707	7042814	Track only
5/25/2000	Ground	None	0	Esker Complex	505885	7042979	
5/25/2000	Air	Wolf	1	Esker Complex	486546	7030514	Track only
5/25/2000	Air	Wolf	2	Esker Complex	488728	7031234	Active den
5/25/2000	Air	Red Fox	2	Esker Complex	503165	7034463	
5/25/2000	Air	Wolf	3	Esker Complex	511211	7036352	Active den
5/25/2000	Air	Wolf	1	Ice	514280	7022299	Wolf on kill, unidentified prey
5/25/2000	Air	Wolf	0	Esker Complex	513568	7022454	Collapsed trial den
5/25/2000	Air	Fox	1	Esker Complex	502572	7023432	
5/26/2000	Ground	None	0	Esker Complex	505783	7043066	
5/26/2000	Ground	None	0	Esker Complex	504100	7043427	Granular excavation by Winspear
5/26/2000	Ground	Fox	0	Esker Complex	503511	7043440	Active fox den, 8 holes, no foxes seen
5/26/2000	Ground	Wolf	1	Esker Complex	499767	7043321	Track only
5/26/2000	Ground	None	0	Esker Complex	506743	7043271	
5/26/2000	Air	Wolf & Grizzly	0	Esker Complex	528710	7049488	Collapsed den, with grizzly tracks
5/26/2000	Air	Fox	0	Esker Complex	518711	7048097	Den
5/26/2000	Air	Wolf	1	Esker Complex	481467	7068216	Active den
5/26/2000	Air	Wolf	2	Esker Complex	490556	7072168	Active den
5/26/2000	Air	Wolf	0	Esker Complex	501238	7063920	Active den, but no wolves present
5/26/2000	Air	Wolf	0	Esker Complex	501925	7064396	Collapsed wolf den
5/26/2000	Air	Wolf	0	Esker Complex	525694	7058704	Old wolf den
5/26/2000	Air	Wolf	0	Esker Complex	527322	7066083	Old den
5/26/2000	Air	Fox	0	Esker Complex	515133	7078161	Old fox den
7/26/2000	Air	Wolf	0		481467	7068212	Abandoned den
7/26/2000	Air	Wolf	0		511211	7036347	Abandoned den
7/26/2000	Air	Wolf	0		488728	7031230	Abandoned den
7/26/2000	Air	Wolf	0		490556	7072164	Abandoned den

Notes: UTM = Universal Transverse Mercator.

Survey Date	Number of Individuals	Direction of Travel	UTM East	UTM North	Distance	Location
30-Mar-99	1	northeast	515585	7065270	14671.45398	on transect
30-Mar-99	1	north	518597	7065471	16790.72759	on transect
30-Mar-99	1	east	519098	7064556	16520.67992	on transect
31-Mar-99	1	west	519154	7059751	13828.88875	on transect
31-Mar-99	1	northeast	519467	7045278	15094.62719	on transect
31-Mar-99	1	southwest	519236	7042329	16712.22558	on transect
31-Mar-99	1	northwest	512756	7040734	14089.28632	on transect
31-Mar-99	1	south	507558	7040292	13237.92374	on transect
31-Mar-99	1	north	504218	7040491	13274.31881	on transect
31-Mar-99	1	northeast	504055	7045071	8877.608067	off transect
1-Apr-99	2	west	506430	7050546	2987.779276	on transect
1-Apr-99	1	northeast	494660	7045140	14756.68923	on transect
1-Apr-99	1	east	494376	7048201	13523.26543	on transect
1-Apr-99	1	southwest	494191	7051492	12783.13021	on transect
1-Apr-99	1	north	495903	7065862	16481.70289	on transect
1-Apr-99	1	east	496592	7065985	16128.85179	on transect
1-Apr-99	1	southeast	498415	7066186	15206.89087	on transect
1-Apr-99	1	southeast	505800	7065886	12418.4671	on transect
1-Apr-99	1	southeast	512118	7064903	12568.0409	on transect
1-Apr-99	1	west	507931	7055443	2233.393158	on road
1-Apr-99	1	west	507189	7055028	1564.604103	on road
1-Apr-99	1	south	506753	7054558	1050.772097	on road
1-Apr-99	1	southwest	506543	7054127	674.8073799	on road
1-Apr-99	1	northwest	505780	7053754	1062.629286	on road
1-Apr-99	1	east	507106	7051980	1556.632583	on road
2-Apr-99	1	south	512378	7054071	5592.310793	off transect
12-Apr-00	1	northwest	494201	7062151	15289.60212	on transect
12-Apr-00	1	northwest	512485	7064858	12687.00288	on transect
12-Apr-00	1	south	515961	7065327	14944.3211	on transect
12-Apr-00	1	north	517303	7065466	15905.62699	on transect
12-Apr-00	1	southwest	494426	7063680	16028.46796	on transect
12-Apr-00	1	southwest	496129	7065703	16213.04601	on transect
12-Apr-00	1	east	496391	7065654	16004.37296	on transect
12-Apr-00	1	east	497161	7065682	15535.84043	on transect
12-Apr-00	1	south	505867	7065789	12316.4609	on transect
13-Apr-00	2	south	517687	7065506	16191.05117	on transect
13-Apr-00	1	south	518992	7059550	13594.01946	on transect
13-Apr-00	2	south	519232	7059402	13745.33277	on transect
13-Apr-00	1	northeast	519183	7056161	12650.10929	on transect
15-Apr-00	1	west	518957	7043645	15644.51805	on transect
15-Apr-00	1	southwest	518186	7040574	17223.14167	on transect
15-Apr-00	1	southwest	514754	7040498	15242.36599	on transect
15-Apr-00	1	northeast	513628	7040523	14665.15571	on transect
15-Apr-00	2	southeast	504421	7040455	13271.52459	on transect
15-Apr-00	1	east	501342	7040636	13987.74153	on transect
15-Apr-00	1	west	494208	7040826	17882.10628	on transect
15-Apr-00	2	east	494637	7047759	13466.32203	on transect
15-Apr-00	1	east	493859	7056686	13338.86629	on transect

Notes: UTM = Universal Transverse Mercator.

Table X.1-4 Upland Birds Survey Data

Year	Plot Identification Number	Habitat	Abundance	Richness	Site	Plot Size	Diversity	UTM East	UTM North
1999	1	HT	53	9	Mine	0.25	1.75411462	505650	7051900
1999	3	HT	60	10	Mine	0.25	1.866704375	507476	7053988
1999	4	HT	47	7	Control	0.25	1.390650853	495391	7045196
1999	5	RS	15	7	Mine	0.02	1.635091593	506170	7050866
1999	7	HT	58	8	Control	0.25	1.415385105	511663	7042849
1999	8	SW	8	3	Control	0.07	0.974314753	517891	7047389
1999	9	SW	9	4	Mine	0.02	1.310783678	507283	7051207
1999	11	SW	7	3	Mine	0.01	1.004242473	505547	7051438
1999	13	RS	11	5	Mine	0.01	1.468139939	510780	7051759
1999	14	HT	74	9	Control	0.25	1.716929834	515280	7043909
1999	15	HT	27	6	Control	0.12	1.614725356	485461	7043836
1999	16	HT	50	5	Control	0.25	0.816717439	505817	7033227
1999	17	HT	20	6	Mine	0.08	1.351039416	506609	7054137
1999	21	SW	24	8	Mine	0.04	1.817191748	506330	7051879
1999	22	SW	6	4	Mine	0.01	1.329661349	506365	7051574
1999	61	SW	4	3	Control	0.02	1.039720771	493998	7052959
1999	62	SW	22	9	Control	0.08	1.861665586	492791	7052411
1999	121	SW	5	3	Mine	0.01	1.054920168	505262	7052263
1999	122	SW	7	4	Mine	0.01	1.351783994	505586	7052118
2000	1	HT	62	11	Mine	0.25	1.828921874	506147	7051892
2000	3	HT	76	10	Mine	0.25	1.751272443	508193	7053992
2000	4	HT	105	10	Control	0.25	1.751604394	495289	7044338
2000	5	RS	15	7	Mine	0.02	1.778233306	506271	7050957
2000	7	HT	74	6	Control	0.25	0.988529249	512067	7042861
2000	8	SW	34	5	Control	0.07	0.924893945	517265	7047080
2000	9	SW	12	4	Mine	0.02	1.329661349	507268	7051145
2000	10	RS	23	8	Control	0.02	1.923136768	505622	7058691
2000	11	SW	7	3	Mine	0.01	0.955699891	505524	7051345
2000	13	RS	15	7	Control	0.01	1.809514256	510891	7051732
2000	15	HT	42	9	Control	0.12	1.837955647	485455	7043672
2000	16	HT	75	8	Control	0.25	1.161015008	505817	7033227
2000	17	HT	24	6	Mine	0.08	1.517852441	506811	7054035
2000	18	RS	13	6	Control	0.01	1.676987774	505956	7035221
2000	21	SW	34	9	Mine	0.04	1.999763748	506330	7051879
2000	22	SW	8	3	Control	0.01	0.900256051	506365	7051574
2000	61	SW	10	3	Control	0.02	0.801818553	493807	7052761
2000	62	SW	22	7	Control	0.08	1.772881799	493014	7052481
2000	121	SW	14	5	Mine	0.01	1.58109375	505535	7052441

Notes: HT = heath tundra; SW = sedge wetland; RS = riparian tall shrub.  
UTM = Universal Transverse Mercator.

Survey Date	Species	Site Identification	UTM East	UTM North	Eggs	Chicks	Year	Occupied	Year First Detected
21-Jul-99	GYR	GYR99-5	522923	7042280			1999	yes	1999
28-May-99	GYR	GYR99-1	495401	7037933			1999	yes	1999
29-May-99	GYR	GYR99-2	536656	7051554			1999	yes	1999
30-May-99	GYR	GYR99-3	508931	7069293			1999	yes	1999
30-May-99	GYR	GYR99-4	484266	7069508			1999	yes	1999
28-May-99	PERE	PER99-1	519414	7039412			1999	yes	1999
29-May-99	PERE	PER99-2	497293	7046796			1999	yes	1999
29-May-99	PERE	PER99-3	478799	7065175			1999	yes	1999
30-May-99	PERE	PER99-4	515333	7070887			1999	yes	1999
26-Jul-00	GYR	GYR99-3	508931	7069293	0	1	2000	yes	1999
26-Jul-00	PERE	PER99-4	515333	7070887	0	0	2000	yes	1999
26-May-00	PERE	PER00-1	520095	7048376	0	3	2000	yes	2000
26-May-00	PERE	GYR99-2	536656	7051554	0	2	2000	yes	1999
26-Jul-00	PERE	PER99-3	478799	7065175	0	3	2000	yes	1999
26-Jul-00	PERE	PER99-1	519414	7039412	0	2	2000	yes	1999
26-Jul-00	GYR	GYR99-5	522923	7042280	0	0	2000	no	1999
26-Jul-00	GYR	GYR99-1	495401	7037933	0	0	2000	no	1999
26-Jul-00	GYR	GYR99-4	484266	7069508	0	0	2000	no	1999
26-Jul-00	PERE	PER99-2	497293	7046796	0	0	2000	no	1999

Notes: UTM = Universal Transverse Mercator.  
 GRY = gryfalcon; PERE = peregrine falcon.

Site Identification Number	Observation Number	Survey Date	Year	Site	Species	Number of Individuals	Perimeter	Area	UTM East	UTM North	Distance	Activity	Comments
WF01	1	11-Jun-99	1999	Mine	unknown	2	833	25259	506492	7052400	1154.80085	swimming	female drakes
WF01	2	11-Jun-99	1999	Mine	BLSC	2	833	25259	506492	7052400	1154.80085	diving, swimming	pair, male diving, female swimming
WF01	3	11-Jun-99	1999	Mine	OLDS	2	833	25259	506492	7052400	1154.80085	preening	pair
WF01	1	24-Jul-99	1999	Mine	BUFF	1	833	25259	506492	7052400	1154.80085	juvenile	
WF01	1	12-Jun-00	2000	Mine	NOPI	1	833	25259	506492	7052400	1154.80085	flushed, then landed on hill	female
WF01	2	12-Jun-00	2000	Mine	OLDS	5	833	25259	506492	7052400	1154.80085	diving, floating	2 females, 3 males; Cat working nearby all day
WF02	1	11-Jun-99	1999	Mine	NOPI	1	1216	64767	504199	7052278	2890.25708	swimming	lone drake
WF02	1	22-Jul-99	1999	Mine	None	0	1216	64767	504199	7052278	2890.25708		
WF02	1	12-Jun-00	2000	Mine	None	0	1216	64767	504199	7052278	2890.25708	52 Canada geese flew over	
WF03	1	11-Jun-99	1999	Mine	OLDS	2	1091	63847	504355	7051786	3002.56723	preening	pair preening on shore
WF03	1	22-Jul-99	1999	Mine	None	0	1091	63847	504355	7051786	3002.56723		
WF03	1	12-Jun-00	2000	Mine	NOPI	2	1091	63847	504355	7051786	3002.56723	swimming	1 male and 1 female; plane landed nearby 1 hr previous
WF04	1	16-Jun-99	1999	Mine	None	0	1645	82188	504665	7051308	3076.13426		no birds observed
WF04	1	22-Jul-99	1999	Mine	None	0	1645	82188	504665	7051308	3076.13426		
WF04	1	12-Jun-00	2000	Mine	None	0	1645	82188	504665	7051308	3076.13426		no waterfowl seen. plane taken off 15 min previous
WF05	1	12-Jun-99	1999	Mine	RTLO	1	1029	49998	505269	7050283	3576.88426	swimming	male
WF05	1	24-Jul-99	1999	Mine	None	0	1029	49998	505269	7050283	3576.88426		
WF05	1	12-Jun-00	2000	Mine	COME	4	1029	49998	505269	7050283	3576.88426	flew in and landed on lake, then flushed to IL6	2 females 2 males
WF06	1	12-Jun-99	1999	Mine	RNGR	1	1202	50222	505683	7049908	3774.43532	swimming	unknown sex
WF06	1	24-Jul-99	1999	Mine	None	0	1202	50222	505683	7049908	3774.43532		
WF06	1	12-Jun-00	2000	Mine	BLSC	1	1202	50222	505683	7049908	3774.43532	flushed on approach	
WF06	2	12-Jun-00	2000	Mine	COME	4	1202	50222	505683	7049908	3774.43532	came from IL5 (included)	
WF07	1	16-Jun-99	1999	Mine	OLDS	3	1385	81656	506279	7049514	4030.66372	feeding	males
WF07	2	16-Jun-99	1999	Mine	LESC	2	1385	81656	506279	7049514	4030.66372	swimming	pair
WF07	1	24-Jul-99	1999	Mine	None	0	1385	81656	506279	7049514	4030.66372		1 female, 8 young
WF07	1	13-Jun-00	2000	Mine	OLDS	5	1385	81656	506279	7049514	4030.66372	calling, flying, diving, territorial disputes	2 females, 3 males
WF08	1	12-Jun-99	1999	Mine	OLDS	1	710	33158	506862	7050439	3070.37522	calling, swimming	male
WF08	2	12-Jun-99	1999	Mine	SUSC	1	710	33158	506862	7050439	3070.37522	diving	male

Site Identification Number	Observation Number	Survey Date	Year	Site	Species	Number of Individuals	Perimeter	Area	UTM East	UTM North	Distance	Activity	Comments
WF08	1	24-Jul-99	1999	Mine	RNGR	9	710	33158	506862	7050439	3070.37522		
WF08	1	13-Jun-00	2000	Mine	LESC	2	710	33158	506862	7050439	3070.37522	swimming	pair
WF08	2	13-Jun-00	2000	Mine	GWTE	2	710	33158	506862	7050439	3070.37522	loafing on shore	pair
WF08	4	13-Jun-00	2000	Mine	OLDS	1	710	33158	506862	7050439	3070.37522	flew into lake, calling	m
WF09	1	12-Jun-99	1999	Mine	None	0	1066	55323	511423	7051685	4956.79907		no birds observed
WF09	1	22-Jul-99	1999	Mine	None	0	1066	55323	511423	7051685	4956.79907		
WF09	1	13-Jun-00	2000	Mine	None	0	1066	55323	511423	7051685	4956.79907		no waterfowl observed
WF10	1	15-Jun-99	1999	Mine	OLDS	1	1055	52890	508263	7054089	1560.76936	flew in	one male flew in from adjacent lake
WF10	1	22-Jul-99	1999	Mine	None	0	1055	52890	508263	7054089	1560.76936		
WF10	1	13-Jun-00	2000	Mine	None	0	1055	52890	508263	7054089	1560.76936		no waterfowl seen
WF11	1	14-Jun-99	1999	Control	None	0	1017	57803	513400	7042400	12914.5374		no birds observed
WF11	1	13-Jun-00	2000	Control	None	0	1017	57803	513400	7042400	12914.5374		no waterfowl seen
WF12	1	14-Jun-99	1999	Control	None	0	2391	209414	514150	7042788	12990.6404		no birds observed
WF12	1	13-Jun-00	2000	Control	OLDS	2	2391	209414	514150	7042788	12990.6404	swimming, diving	pair
WF12	2	13-Jun-00	2000	Control	OLDS	1	2391	209414	514150	7042788	12990.6404	swimming, diving	male
WF13	1	14-Jun-99	1999	Control	OLDS	2	990	38416	517912	7056388	11465.3498	feeding	males
WF13	2	14-Jun-99	1999	Control	OLDS	2	990	38416	517912	7056388	11465.3498	feeding	pair
WF13	1	13-Jun-00	2000	Control	LESC	2	990	38416	517912	7056388	11465.3498	swimming, flushed to middle	pair
WF13	2	13-Jun-00	2000	Control	OLDS	2	990	38416	517912	7056388	11465.3498	swimming, diving	pair
WF13	3	13-Jun-00	2000	Control	OLDS	1	990	38416	517912	7056388	11465.3498	loafing	male
WF13	4	13-Jun-00	2000	Control	COME	1	990	38416	517912	7056388	11465.3498	swimming	male
WF13	5	13-Jun-00	2000	Control	MALL	1	990	38416	517912	7056388	11465.3498	female landed on lake	
WF14	1	14-Jun-99	1999	Control	None	0	943	43214	516474	7062320	13074.7589		no birds observed
WF14	1	13-Jun-00	2000	Control	None	0	943	43214	516474	7062320	13074.7589		no waterfowl observed

Site Identification Number	Observation Number	Survey Date	Year	Site	Species	Number of Individuals	Perimeter	Area	UTM East	UTM North	Distance	Activity	Comments
WF15	1	15-Jun-99	1999	Control	None	0	762	40417	505932	7064894	11419.1133		no birds observed
WF15	1	13-Jun-00	2000	Control	None	0	762	40417	505932	7064894	11419.1133		no waterfowl observed
WF16	1	13-Jun-99	1999	Control	SUSC	2	1219	57533	493599	7047511	14512.4853	feeding	males
WF16	2	13-Jun-99	1999	Control	OLDS	4	1219	57533	493599	7047511	14512.4853	feeding	1 female, 3 males
WF16	1	13-Jun-00	2000	Control	SUSC	2	1219	57533	493599	7047511	14512.4853	floating	male and female
WF17	1	13-Jun-99	1999	Control	SUSC	3	1609	104565	495900	7045200	13716.9558	feeding	two males, one female
WF17	2	13-Jun-99	1999	Control	OLDS	2	1609	104565	495900	7045200	13716.9558	feeding	pair
WF17	3	13-Jun-99	1999	Control	SUSC	2	1609	104565	495900	7045200	13716.9558	feeding	pair
WF17	1	13-Jun-00	2000	Control	None	0	1609	104565	495900	7045200	13716.9558		no birds seen
WF18	1	13-Jun-99	1999	Control	BLSC	5	881	48617	498350	7045000	12001.7656	1 pair, 2 males, 1 female	
WF18	2	13-Jun-99	1999	Control	NOPI	2	881	48617	498350	7045000	12001.7656	1 pair	
WF18	1	13-Jun-00	2000	Control	BLSC	2	881	48617	498350	7045000	12001.7656	swimming, diving	two pairs
WF18	2	13-Jun-00	2000	Control	NOPI	1	881	48617	498350	7045000	12001.7656	on rock	male flushed to other side
WF18	3	13-Jun-00	2000	Control	OLDS	1	881	48617	498350	7045000	12001.7656	swimming	female
WF18	4	13-Jun-00	2000	Control	RTLO	1	881	48617	498350	7045000	12001.7656	swimming, diving	male

Notes: BLSC - black scoter; OLDS = old squaw; BUFF = bufflehead; NOPI = northern pintail; RTLO = red-throated loon; COME = common merganser; RNGR = red-necked grebe; LESC = lesser scaup; SUSC = surf scoter; GWTE = green-wing teal; MALL = mallard.