

North Yukon Planning Region Resource Assessment Report
Appendix One - List of Resource Assessment Maps

Updated October 2007

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List of Resource Assessment Maps

Map #	Title	Description	Data Sources
1	Regional Overview	Overview of North Yukon Planning Region – communities, land ownership, transportation, important features and existing protected and special management areas	Yukon Government; North Yukon Planning Commission
2	Land Status	Land ownership, existing permits and exploration rights (oil and gas and minerals), and lands withdrawn from disposition (Protected Areas and North Yukon Interim Land Withdrawal in North Yukon Planning Region (current as of October 2007)	Yukon Government
3	Simplified Geology and Ecodistricts	Overview of regional bedrock geology conditions and Ecodistricts	Yukon Geological Survey
4	Simplified Surficial Geology and Ecodistricts	Overview of regional surficial geology conditions, significant terrain features (wetland complexes and major riparian features) and Ecodistricts	North Yukon Planning Commission; Yukon Environment; Gartner Lee Limited
5	Porcupine River Watershed and Major Sub-Basins	Overview of major sub-basins in Porcupine River watershed	North Yukon Planning Commission; Department of Fisheries and Oceans

6	Regional Ecosystems – Ecoregions and Ecodistricts	Ecoregions and Ecodistricts of North Yukon Planning Region	Yukon Environment; Gartner Lee Limited; Cryogeographic Consulting; Yukon Ecoregions Working Group; North Yukon Planning Commission
7	Regional Ecosystems – Bioclimate Zones and Ecodistricts	Bioclimate zones and Ecodistricts of North Yukon Planning Region	North Yukon Planning Commission; Yukon Environment; Gartner Lee Limited
8	Landscape Types	Landscape Types (biophysical map) of North Yukon Planning Region as described by regional biophysical mapping (current to March 2006).	North Yukon Planning Commission; Yukon Environment
9	Identified Wetlands	Lakes, wetlands, wetland complexes, and river/stream networks in North Yukon Planning Region as described by Yukon Wetlands Technical Working Group, regional terrain mapping and topographic mapping.	Yukon Wetlands Technical Working Group; Gartner Lee Limited; 1:50-1:250K NTDB
10	Fire History (1950-2005)	Historical fire activity in North Yukon Planning Region and surrounding areas of Yukon for period 1950-2005 (current to March 2006).	Yukon Fire Management
11	Landscape Types with High Susceptibility to Climate-induced Change	Landscape Types in North Yukon Planning Region anticipated to experience high rates of climate-induced change (measurable vegetation changes within in a 3-5 decade period).	North Yukon Planning Commission

12	Porcupine Caribou Herd – Yukon Wildlife Key Areas Inventory and Old Crow Traditional Knowledge	Synthesis of Porcupine Caribou herd distribution and movement information as documented by Yukon Wildlife Key Areas Inventory database and Old Crow community workshops.	Yukon Environment; Community of Old Crow Land Users
13	Moose - Yukon Wildlife Key Areas Inventory and Old Crow Traditional Knowledge	Synthesis of moose distribution and movement information as documented by Yukon Wildlife Key Areas Inventory database and Old Crow community workshops.	Yukon Environment; Community of Old Crow Land Users
14	Bears - Yukon Wildlife Key Areas Inventory and Old Crow Traditional Knowledge	Synthesis of bear distribution and movement information as documented by Yukon Wildlife Key Areas Inventory database and Old Crow community workshops.	Yukon Environment; Community of Old Crow Land Users
15	Furbearers - Yukon Wildlife Key Areas Inventory and Old Crow Traditional Knowledge	Synthesis of furbearer (marten, mink, beaver, otter, lynx, wolf, wolverine and arctic fox) distribution and movement information as documented by Yukon Wildlife Key Areas Inventory database and Old Crow community workshops.	Yukon Environment; Community of Old Crow Land Users
16	Sheep - Yukon Wildlife Key Areas Inventory and Old Crow Traditional Knowledge	Synthesis of sheep distribution and movement information as documented by Yukon Wildlife Key Areas Inventory database and Old Crow community workshops.	Yukon Environment; Community of Old Crow Land Users
17	Waterbirds- Yukon Wildlife Key Areas Inventory and Old Crow Traditional Knowledge	Synthesis of waterbird distribution information as documented by Yukon Wildlife Key Areas Inventory database and Old Crow community workshops.	Yukon Environment; CWS; DU; Community of Old Crow Land Users

18	Raptors- Yukon Wildlife Key Areas Inventory and Old Crow Traditional Knowledge	Synthesis of raptor (peregrine falcon, bald eagle, golden eagle, gyrfalcon, osprey, merlin, rough legged hawk, 'other raptors') distribution information as documented by Yukon Wildlife Key Areas Inventory database and Old Crow community workshops.	Yukon Environment; Community of Old Crow Land Users
19 A	Range of the Porcupine Caribou Herd	Porcupine Caribou Herd range, including Alaska, Yukon and NWT (version 2004).	Environment Canada, Canadian Wildlife Service;
19 B	Distribution of Radio-Collared Porcupine Caribou (1983-2005)	Porcupine Caribou distribution patterns in North Yukon Planning Region based on 1983-2005 radio telemetry – calving and general use areas are shown by use period.	Environment Canada, Canadian Wildlife Service; United States Geological Survey, Biological Resources Division; North Yukon Planning Commission
20	Distribution of Radio-Collared Porcupine Caribou (1983-2004)	Porcupine Caribou distribution patterns for entire herd range based on 1983-2004 radio telemetry – calving and general use areas.	Environment Canada, Canadian Wildlife Service; United States Geological Survey, Biological Resources Division; North Yukon Planning Commission
21	Fall to Late Fall Distribution and Migration of Satellite-Collared Porcupine Caribou (1985-2004)	Summary of identified migration routes and high use areas in fall and late fall periods within Porcupine Caribou Herd range.	Environment Canada, Canadian Wildlife Service; United States Geological Survey, Biological Resources Division; North Yukon Planning Commission

22	Late Fall to Winter Distribution and Migration of Satellite-Collared Porcupine Caribou (1985-2004)	Summary of identified migration routes and high use areas in late fall and winter periods within Porcupine Caribou Herd range.	Environment Canada, Canadian Wildlife Service; United States Geological Survey, Biological Resources Division; North Yukon Planning Commission
23	Winter to Spring Distribution and Migration of Satellite-Collared Porcupine Caribou (1985-2004)	Summary of identified migration routes and high use areas during late winter within Porcupine Caribou Herd range.	Environment Canada, Canadian Wildlife Service; United States Geological Survey, Biological Resources Division; North Yukon Planning Commission
24	Caribou Habitat Suitability - Winter	Winter (November 1 – March 31) Porcupine Caribou Herd habitat suitability conditions in North Yukon Planning Region as described by Community of Old Crow land users, biologists and regional biophysical mapping.	Community of Old Crow Land Users; Yukon Environment; CWS; North Yukon Planning Commission
25	Location of Moose and Aerial Survey Boundaries (1995 – 2003)	Location of moose aerial survey boundaries (summer, fall and winter) and observed moose locations within those survey areas for period 1995 – 2003.	Yukon Environment; U.S. Fish and Wildlife Service; Access Consulting Group
26	Moose Habitat Suitability – Spring/Summer	Spring / Summer (June 1 – July 31) moose habitat suitability conditions in North Yukon Planning Region as described by Community of Old Crow land users, biologists and regional biophysical mapping.	Community of Old Crow Land Users; Yukon Environment; North Yukon Planning Commission

27	Moose Habitat Suitability – Early Fall	Fall (pre-rut, August 15 – September 15) moose habitat suitability conditions in North Yukon Planning Region as described by Community of Old Crow land users, biologists and regional biophysical mapping.	Community of Old Crow Land Users; Yukon Environment; North Yukon Planning Commission
28	Moose Habitat Suitability – Late Fall	Fall (rut to late fall/freeze up, September 16 – October 31) moose habitat suitability conditions in North Yukon Planning Region as described by Community of Old Crow land users, biologists and regional biophysical mapping.	Community of Old Crow Land Users; Yukon Environment; North Yukon Planning Commission
29	Moose Habitat Suitability - Winter	Winter (November 1 – March 31) moose habitat suitability conditions in North Yukon Planning Region as described by Community of Old Crow land users, biologists and regional biophysical mapping.	Community of Old Crow Land Users; Yukon Environment; North Yukon Planning Commission
30	Marten Habitat Suitability - Winter	Winter (November 1 – March 31) marten habitat suitability conditions in North Yukon Planning Region as described by Community of Old Crow land users and regional biophysical mapping.	Community of Old Crow Land Users; Yukon Environment; North Yukon Planning Commission
31	Waterbird Population Surveys and Major Wetland Complexes	Summary of documented waterbird population surveys in North Yukon Planning Region in relation to major wetland complexes and rivers for the period 1955-present.	DU; CWS; US Fish and Wildlife Service; Yukon Wetlands Technical Working Group
32	Waterbird Habitat Potential	Summary of waterbird habitat potential in North Yukon Planning Region based on adjacency to major open water features, riparian zones and wetlands.	North Yukon Planning Commission; DU; CWS

33	Fisheries Stream Information Watershed Summary	Summary of known fish species information and general level of fisheries knowledge for major sub-basins of the Porcupine River watershed.	Environmental Dynamics Inc. 2005. Porcupine River watershed fisheries summary; North Yukon Planning Commission
34	Fisheries Specific Lake Information Summary	Summary of fish species information for identified lakes in the North Yukon Planning Region.	Environmental Dynamics Inc. 2005. Porcupine River watershed fisheries summary; North Yukon Planning Commission
35	Historic Fish Trap Locations and Important Lake/Wetland Complexes	Summary of documented traditional use fish trap locations and their relationship to important wetland complexes with high fisheries value.	Environmental Dynamics Inc. 2005. Porcupine River watershed fisheries summary; North Yukon Planning Commission
36	Identified and Potential Over-Wintering Fish Habitat	Summary of documented and potential over-wintering fish habitat based on literature review and Community of Old Crow land user knowledge.	Environmental Dynamics Inc. 2005. Porcupine River watershed fisheries summary; North Yukon Planning Commission
37	Coho Salmon Spawning Habitat	Identified Coho salmon spawning habitat in Porcupine River watershed (information current as of spring 2005).	Environmental Dynamics Inc. 2005. Porcupine River watershed fisheries summary; North Yukon Planning Commission
38	Chum Salmon Spawning Habitat	Identified and potential Chum salmon spawning habitat in Porcupine River watershed (information current as of spring 2005).	Environmental Dynamics Inc. 2005. Porcupine River watershed fisheries summary; North Yukon Planning Commission

39	Chinook Salmon Spawning Habitat	Identified and potential Chinook salmon spawning habitat in Porcupine River watershed (information current as of spring 2005).	Environmental Dynamics Inc. 2005. Porcupine River watershed fisheries summary; North Yukon Planning Commission
40	Heritage Values and Traditional Land Use	Summary of documented archaeological sites and Vuntut Gwitchin traditional use and culturally significant areas (including caribou fences and fish traps) in North Yukon Planning Region (updated October 2007)	Vuntut Gwitchin First Nation; North Yukon Planning Commission
41	Vuntut Gwitchin Current Land Use	Current Old Crow resident land use patterns - important travel routes, trails and use areas (updated October 2007)	Vuntut Gwitchin First Nation; North Yukon Planning Commission
42	Tourism and Recreation	Tourism and recreation values documented for North Yukon Planning Region. Values include existing and future potential activities. Tourism and recreation values as displayed include wilderness travel corridors, road-based tourism corridors, important tourism nodes and features, and high recreational feature values based on landscape properties	Yukon Tourism; Vuntut Gwitchin Heritage Department; Yukon Parks; North Yukon Planning Commission
43	Oil and Gas Potential and Resource Interests	Oil and gas basins, current oil and gas permits and significant discovery licenses (current October 2007), historical well locations and documented seismic lines.	Yukon Oil and Gas Management Branch
44	Mineral Potential and Resource Interests	Mineral potential, documented mineral occurrences and existing mineral interests (i.e. mineral claims) in North Yukon Planning Region (current October 2007)	Yukon Geological Survey; Yukon Energy, Mines and Resources

45	Coal and Iron Potential	Coal and iron potential map of North Yukon Planning Region based on documented occurrences and interpretation of bedrock geology mapping.	Yukon Geological Survey
46	Tree Height in Old Crow Area	Tree height classes in the Old Crow area based on 1:50,000 scale vegetation (forest) inventory mapping.	Yukon Forest Management
47	Forest Site Potential in Old Crow Area	Long-term forest site potential in the Old Crow area based on 1:50,000 scale vegetation (forest) inventory mapping.	Yukon Forest Management
48	Important Areas for Future Economic Development	Synthesis of important areas for future economic development consideration with focus on oil and gas, tourism and recreation and transportation. High mineral potential areas as displayed on <i>Map 44 - Mineral Potential and Resource Interests</i> are not currently shown due to uncertain knowledge of resource. Updated October 2007.	Yukon Tourism; Vuntut Gwitchin First Nation; Yukon Energy, Mines and Resources; North Yukon Planning Commission
49	Existing Land Use Impacts	Synthesis of existing and historical land use impacts based on compilation of human feature mapping. North Yukon land use impacts as displayed include direct, visible footprints resulting from transportation, industrial and community/communications features (current as of March 2006).	Yukon Oil and Gas Management Branch; Geomatics Yukon; Yukon Lands Branch; North Yukon Planning Commission; Vuntut Gwitchin First Nation
50	Contaminated Sites	Identified contaminated sites in North Yukon Planning Region resulting from historical land use activities (current as of 2004).	DIAND, Yukon contaminated sites database

51	Areas of Previous Conservation Interest and Existing and Interim Protected Areas	Existing and interim protected areas / special management areas and documented areas of previous conservation interest. Areas shown represent a synthesis of previous documented conservation area concepts.	International Biological Programme; North Slope Order in Council 2005/53; Porcupine-Peel Landscape Summary Report; Yukon Protected Areas Secretariat
52	Ecologically Important Areas (detailed)	Synthesis of ecologically important areas in North Yukon Planning region based on compilation of important Porcupine Caribou Herd calving and concentrated use areas, wetland complexes, major river corridors, significant riparian areas, and identified sheep areas.	Community of Old Crow Land users; Environment Canada, CWS; Environment; United States Geological Survey, Biological Resources Division; DU; Yukon Wetlands Technical Working Group; North Yukon Planning Commission
53	Ecologically Important Areas (generalized)	Synthesis of ecologically important areas in North Yukon Planning region based on compilation of important Porcupine Caribou Herd calving and concentrated use areas, wetland complexes, major river corridors, significant riparian areas, and identified sheep areas.	Community of Old Crow Land users; Environment Canada, CWS; Environment United States Geological Survey, Biological Resources Division; DU; Yukon Wetlands Technical Working Group; North Yukon Planning Commission

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