

Select Field Survey Photos along Proposed Alignment and Detailed Coordinate Listing of Photos, June 2014

Photo 1 – Bear and wolf prints in mud (23)



Photo 4 – More wolf prints (54)



Photo 2 – Moose or bison prints (28)



Photo 5 – Porcupine evidenced by tree bark (62)

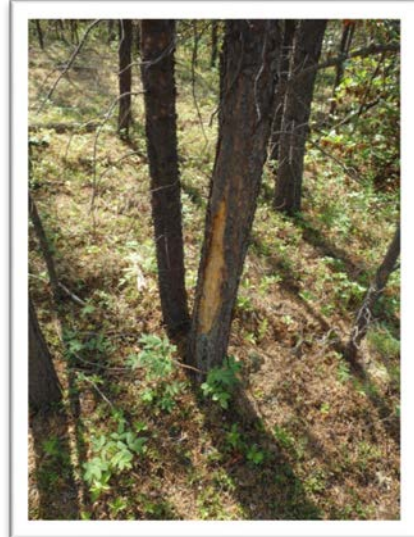


Photo 3 – Tree bark eaten by porcupine (31)



Photo 6 – Ptarmigan droppings (63)



Photo 7 – Shorebird, possible sandpiper (86)



Photo 10 – Midden from muskrat (230)



Photo 8 – Beaver lodge (90)



Photo 11 – Shorebird, possible sandpiper (236)



Photo 9 – Duport River, ideal fish habitat (83)



Photo 12 – Bear dug hole (256)



Photo 13 – Small furbearing animal prints (268)



Photo 16 – Empty bird nest (356)



Photo 17 – Jackfish on edge of shore (357)

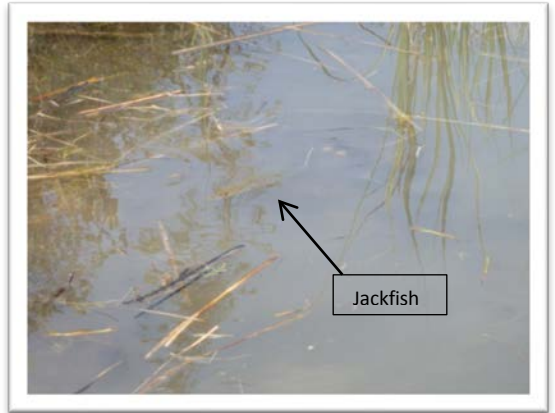


Photo 14 – Bird prints & fish in hole (275)



Photo 18 – Damselflies on rope (370)

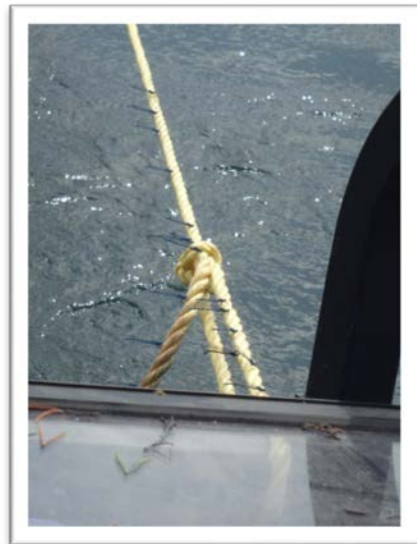


Photo 15 – Black & white waterfowl (277)



Photo 19 – Cabin in bush off alignment (13)



Photo 22 – Assorted garbage along alignment (100)



Photo 20 – Cabin near KM 27 (129)



Photo 23 – Duport River log bridge (182)



Photo 21 – Franks Camp #2 sign (334)



Photo 24 – Duport River west on bridge (189)



Photo 25 – Crossing @ KM 46 looking east (225)



Photo 28 – La Martre River Crossing (349)



Photo 26 – Crossing @ KM 57.5 looking south (279)



Photo 29 – Typical spruce mixed forest (254)



Photo 27 – James Creek looking west (318)



Photo 30 – Typical shrubby bog (287)



Photo 31 – Typical jack pine mixed forest (301)



Photo 34 – Typical spruce forest w/ rocky terrain north of La Martre River (375)



Photo 32 – Eskers along alignment (303)



Photo 35 – Typical mixed forest w/sandy terrain along south of alignment (2)



Photo 33 – Typical overgrown poplar stands (339)



Photo 36 – Typical new pine forest growth (32)



Photo 37 – Typical wetland area (94)



Photo 40 – Typical peat moss area (295)



Photo 38 – Typical open grassy area (118)



Photo 41 – Typical ephemeral water along alignment (24)



Photo 39 – Typical marsh area (324)



Photo 42 – Burn area, new grass growth (111)



Photo 43 – Reaching Whati Access Road (389)



2014 DOT Incidental Wildlife Observation Summary of ground truthing argo trip along proposed TASR, June 25-28, 2014

Site/Water Crossing	Photo #	Incidental Wildlife Survey	Wildlife Habitat Assessment
Seasonal water crossing near KM 8	23, 28	Bear and wolf prints in mud, including possible moose or bison prints (could not identify)	Area appears to be utilized as an animal trail due to cleared pathway. No water present during survey. Does not appear likely for fish to be present. Not suitable for fish.
Duport River	9	Fry observed	Suitable fish and bird habitat; mammals would also use as a water source.
Water crossing at KM 46	10	Fry observed; seashell midden from muskrat	Suitable fish and bird habitat; mammals would also use as a water and food source.
Water crossing at KM 57.5	13, 14, 15	Small furbearer prints; waterfowl prints; YOY fish observed; black & white waterfowl seen	Suitable fish and bird habitat; mammals would also use as a water and food source.
Water crossing at KM 63.5	30	Frog observed; birds heard	Shrubby bog suitable for amphibians and various avian species. Not a lot of water for larger mammals and no cover.
James River	27	No wildlife observed or heard	Extremely good fish habitat; shrubs and riparian edge suitable for nesting; cover for larger mammals; eskers surround section of creek.
La Martre River	16, 17, 18, 28	Lone bald eagle; jackfish; duck with ducklings; 2 hawks; unoccupied bird nest; birds heard; damselflies	Extremely suitable to all wildlife, as demonstrated by the amount of wildlife seen. Provides food, water, nesting and fish habitat.
Remaining water crossings	-	No wildlife observed	Seasonal water crossings were dry during survey and therefore unsuitable habitat for wildlife. Potential to host wildlife and fish when water is available.
Throughout alignment	3, 5	Chewed tree bark indicative of porcupine presence	Food source available for porcupines.
Throughout alignment	6	Ptarmigan droppings	Very suitable habitat for ptarmigan due to the amount of willow/food source.
Throughout alignment	-	Trapline boxes and old metal traps	Evidence of trapping taking place along the alignment suggests suitable habitat for small furbearing animals such as weasels and marten.
Marshy areas	7, 8, 11	Shorebirds such as sandpipers observed; beaver lodge	Marshy areas with suitable water ideal shorebird habitat and possible beaver habitat.
Near KM 56	12	Bear dug hole	Ease of access along alignment makes walking preferred route for lone bears.

Photos from June 25-28, 2014 Field Trip up Tjicho Route A Alignment to Whati

Photo #	Date	Latitude	Longitude	Description (vegetation has not been identified in all the photos)	Field Notes
P6250001	6/25/2014	N62°29'16.26"	W116°34'38.664"	truck trailer and argos	
P6250002	6/25/2014			shrubby cinquefoil; prickly rose; willow; sheep sorrel; common bearberry; purple-stemmed aster; common juniper; black spruce; grasses; Cladonia spp.; other lichen including leaf lichens	
P6250003	6/25/2014	N62°29'14.016"	W116°34'44.64"	trembling aspen; balsam poplar; jack pine; prickly rose; grasses; shrubby cinquefoil; fireweed; spruce; the odd deadfall;	north @ waypoint #19
P6250004	6/25/2014	N62°29'8.322"	W116°36'23.19"	sandy well disturbed road	west @ waypoint #19
P6250005	6/25/2014	N62°29'8.37"	W116°36'23.034"	road to cabin #2; grasses; spruce; jack pine; tree stumps; lichens; prickly rose; willow	
P6250006	6/25/2014	N62°29'8.598"	W116°36'23.07"	snowmobile trail to rae; spruce; few jack pine; willow; common bearberry; prickly rose; fireweed; bunchberry; sandy	east @ waypoint #19
P6250007	6/25/2014	N62°29'8.592"	W116°36'22.956"	ground	
P6250008	6/25/2014	N62°29'8.454"	W116°36'23.97"	black spruce in front of jack pine	
P6250009	6/25/2014	N62°29'8.598"	W116°36'24.126"	sandy-gravel ground; prickly rose; Anemone sp.; another unknown plant	
P6250010	6/25/2014	N62°29'8.682"	W116°36'24.504"	unknown grass; prickly rose	
P6250011	6/25/2014	N62°29'8.526"	W116°36'23.814"	Anemone sp.	
P6250012	6/25/2014	N62°29'8.328"	W116°36'23.334"	blunt-leaved sandwort; grasses; rose; sandy-gravel ground	
P6250013	6/25/2014	N62°29'8.298"	W116°36'23.76"	grasses; lingonberry (bog cranberry); prickly rose; fireweed; detritus (dead tree parts); Arnica sp.	
P6250014	6/25/2014	N62°29'8.352"	W116°36'23.832"	lichens (Cladonia & Cladina spp.)	
P6250015	6/25/2014	N62°29'8.466"	W116°36'24.012"	jack pines; few spruce; cut stumps; common juniper; soapberry; lichens; trembling aspen; grasses	cabin #2 in background - Harry Rabiska
P6250016	6/25/2014	N62°29'4.506"	W116°37'34.05"	bearberry; prickly rose; grasses; lichens; dead tree bits	
P6250017	6/25/2014	N62°29'4.38"	W116°37'37.338"	sandy-gravel ground; prickly rose; grasses; bearberry; unknown pant with yellowish flowers; bunchberry	
P6250018	6/25/2014	N62°29'21.108"	W116°38'53.058"	sandy ground; jack pines; trembling aspen; grasses; lichens; shrubby cinquefoil; prickly rose	
P6250019	6/25/2014	N62°29'25.47"	W116°39'4.374"	sandy ground; jack pines; trembling aspen; spruce; soapberry; common juniper; prickly rose; fireweed	
P6250020	6/25/2014			young jack pine stand middle ground; standing deadfall and tall black spruce background; mixed forest foreground;	
P6250021	6/25/2014	N62°29'25.104"	W116°39'3.936"	sandy ground; grasses; shrubby cinquefoil; dwarf birch	
P6250022	6/25/2014	N62°29'25.02"	W116°39'3.822"	vetch sp. H. mackenzii; bearberry; shrubby cinquefoil	bear and wolf tracks
P6250023	6/25/2014	N62°29'25.02"	W116°39'3.744"	Deleted - accidental video mode.	bear and wolf tracks
P6250024	6/25/2014	N62°29'24.858"	W116°39'3.156"	dried pool, mud; grasses; shrubby cinquefoil	
P6250025	6/25/2014	N62°29'24.192"	W116°39'1.44"	dried muddy ground; grasses; bearberry; shrubby cinquefoil; rose petals;	
P6250026	6/25/2014	N62°29'24.234"	W116°39'1.23"	dried muddy ground	
P6250027	6/25/2014	N62°29'24.234"	W116°39'1.134"	mostly muddy ground on trail, little bit of water remains; grasses on trail; shrubs on edge with trembling aspen; black	south @ waypoint #20; seasonal water
P6250028	6/25/2014	N62°29'24.18"	W116°39'1.116"	spruce stands behind. Willow; shrubby cinquefoil; prickly rose; dwarf birch. Area normally a LOT wetter during this time	crossing #3?
P6250029	6/25/2014	N62°29'24.384"	W116°39'1.59"	of year.	east @ waypoint #20
P6250030	6/25/2014	N62°29'24.63"	W116°39'1.884"	mud; grasses; shrubby cinquefoil; dwarf birch; willow; trembling aspen; black spruce; jack pine	
P6250031	6/25/2014	N62°29'24.612"	W116°39'1.848"	common juniper; dwarf birch; prickly rose; willow; shrubby cinquefoil	west @ waypoint #20
P6250032	6/25/2014	N62°29'24.618"	W116°39'1.968"	moose or bison prints in mud with grasses	
P6250033	6/25/2014	N62°29'36.588"	W116°39'33.924"	deleted	north @ waypoint #20
P6250034	6/25/2014	N62°29'36.828"	W116°39'34.44"	bark of jack pine peeled off by porcupine (tree in background) - shows evidence that porcupines frequent area	
P6250035	6/25/2014	N62°29'36.864"	W116°39'34.482"	young jack pine stand middle ground; standing deadfall and tall black spruce background; sandy-gravel ground; grasses;	
P6250036	6/25/2014	N62°29'36.396"	W116°39'34.2"	shrubby cinquefoil; willow	
P6250037	6/25/2014	N62°29'36.558"	W116°39'34.296"	spruce stand with poplar in wetter areas on edge of road. Grasses dominate disturbed ground (trail) then shrubs on	
P6250038	6/25/2014	N62°29'50.01"	W116°40'8.61"	side	
P6250039	6/25/2014	N62°29'50.058"	W116°40'8.592"	vetch sp. H. mackenzii	
P6250040	6/25/2014	N62°29'49.908"	W116°40'7.92"	moist sandy-clay ground; dominant spruce with intertwined jack pine; grasses on disturbed trail with shrubs on edge	
P6250041	6/25/2014	N62°29'49.854"	W116°40'7.986"	grasses; lingonberry (bog cranberry); prickly rose; mosses; clay-gravel	
P6250042	6/25/2014	N62°30'5.772"	W116°40'48.93"	open area; similar sand gravel ground	
P6250043	6/25/2014	N62°30'9.774"	W116°41'0.0"	open area with grasses/cinquefoil; edges are jack pine; dry mud road	
P6250044	6/25/2014	N62°30'13.014"	W116°41'8.142"	trail to possible cabin in far distance?; songbird no other wildlife	
P6250045	6/25/2014	N62°30'14.346"	W116°41'11.904"	rock in distance	
P6250046	6/25/2014	N62°30'14.334"	W116°41'11.52"	waypoint 23; possibly a good source for gravel; up to this point, younger pine and then open areas with the cinquefoil	
P6250047	6/25/2014	N62°30'22.008"	W116°41'54.63"	and grasses; larger boulders along side of road	
P6250048	6/25/2014	N62°30'24.042"	W116°42'10.464"	sandy gravel	
P6250049	6/25/2014	N62°30'26.634"	W116°42'27.222"	unknown yellow flower	
P6250050	6/25/2014	N62°30'52.854"	W116°43'52.686"	deleted	
P6250051	6/25/2014	N62°30'55.626"	W116°44'1.41"	Sean says water crossing areas could be 3-4 feet deep for seasonal flow; right now there is nothing	
P6250052	6/25/2014	N62°30'55.944"	W116°44'2.694"	mucky area	
P6250053	6/25/2014	N62°31'1.416"	W116°44'17.952"	stopped at around KM15, didn't see any water where water crossing #4 would have been, maybe was little mucky area?	
P6250054	6/25/2014	N62°31'1.398"	W116°44'19.026"	dried mud with hoof prints; stopped at around KM15, didn't see any water where water crossing #4 would have been,	
P6250055	6/25/2014	N62°31'1.092"	W116°44'17.934"	maybe was little mucky area? Waypoint 24	
P6250056	6/25/2014	N62°31'26.076"	W116°45'32.142"	mud and wolf prints	
P6250057	6/25/2014	N62°31'26.196"	W116°45'32.244"	large ant hills are found in sandy areas	
P6250058	6/25/2014	N62°31'26.622"	W116°45'32.76"	red pixie-cup lichen	
P6250059	6/25/2014	N62°31'26.652"	W116°45'32.676"	green alder; bunchberry	
P6250060	6/25/2014	N62°31'26.376"	W116°45'32.502"	deleted	
P6250061	6/25/2014	N62°31'26.274"	W116°45'32.4"	broken argo	
P6250062	6/25/2014	N62°31'26.4"	W116°45'32.34"	crowberry;	
P6250063	6/25/2014	N62°31'26.376"	W116°45'31.866"	northern bastard toadflax?	
P6250064	6/25/2014	N62°32'2.286"	W116°47'19.038"	evidence of porcupine	
P6250065	6/25/2014	N62°32'6.366"	W116°47'30.69"	ptarmigan scat	
P6250066	6/25/2014	N62°32'13.446"	W116°47'52.104"		
P6250067	6/25/2014	N62°32'13.458"	W116°47'52.368"	elevation survey post	
P6250068	6/25/2014	N62°32'20.88"	W116°47'57.876"	elevation survey post	
P6250069	6/25/2014	N62°32'46.392"	W116°48'16.458"		
P6250070	6/25/2014	N62°32'50.226"	W116°48'19.368"		
P6250071	6/25/2014	N62°32'50.886"	W116°48'19.914"	deleted	
P6250072	6/25/2014	N62°32'52.656"	W116°48'21.264"	possibly water crossing #6; mucky	north
P6250073	6/25/2014	N62°32'55.176"	W116°48'22.692"	wide sandy section	north top of hill
P6250074	6/25/2014	N62°32'55.188"	W116°48'22.752"	trembling aspen; dwarf birch; willow; grasses in wetter crossing	south
P6250075	6/25/2014	N62°32'54.102"	W116°48'22.254"		north
P6250076	6/25/2014	N62°32'54.156"	W116°48'22.194"		
P6250077	6/25/2014	N62°33'10.908"	W116°48'38.028"	dwarf birch; grasses; trembling aspen	west @ waypoint #25
P6250078	6/25/2014	N62°33'10.458"	W116°48'36.978"	open clearing where we stopped for evening; cutline going further west	
P6250079	6/25/2014	N62°33'10.878"	W116°48'37.098"	gravel ground; creeping juniper; common juniper; bearberry; grasses; prickly rose; Senecio sp.; jack pine; trembling	
P6250080	6/25/2014	N62°33'10.614"	W116°48'36.822"	aspen	
				Gravel; mosses; lichen; ground juniper; three-toothed saxifrage; prickly rose	
				unknown hairy stemmed aster-like white-purple flower	

P6250081	6/25/2014	N62°33'10.362"	W116°48'36.186"	common juniper
P6250082	6/25/2014	N62°33'10.602"	W116°48'36.756"	same clearing where we stopped
P6260083	6/26/2014	N62°29'15.144"	W116°34'39.174"	started back at KM5; prairie crocus
P6260084	6/26/2014	N62°33'10.758"	W116°48'36.12"	deleted
P6260085	6/26/2014	N62°33'17.856"	W116°48'39.642"	
P6260086	6/26/2014	N62°33'23.52"	W116°48'43.29"	sandpiper
P6260087	6/26/2014	N62°33'23.454"	W116°48'43.416"	south @ waypoint 26 water crossing?
P6260088	6/26/2014	N62°33'23.394"	W116°48'43.548"	west @ waypoint 26
				east @ waypoint 26; grassy mossy crossing, normally wetter crossing, old beaver lodge on far edge of pond/fen area;
P6260089	6/26/2014	N62°33'23.436"	W116°48'43.344"	willows, dwarf birch, dead stands. Marshy section 50m; little spruce
P6260090	6/26/2014	N62°33'22.746"	W116°48'43.008"	beaver lodge
P6260091	6/26/2014	N62°33'22.62"	W116°48'43.104"	very mucky saturated ground, will lose boots if you walk through!
P6260092	6/26/2014	N62°33'22.656"	W116°48'43.164"	west side with dead stands and small spruce
P6260093	6/26/2014	N62°33'22.674"	W116°48'43.146"	looking north
P6260094	6/26/2014	N62°33'22.704"	W116°48'43.104"	looking east at the water, tall grasses
P6260095	6/26/2014	N62°33'23.712"	W116°48'44.136"	types of veg/sedges present
P6260096	6/26/2014	N62°33'26.898"	W116°48'46.29"	
P6260097	6/26/2014	N62°33'31.29"	W116°48'49.416"	
P6260098	6/26/2014	N62°34'1.23"	W116°49'11.526"	
P6260099	6/26/2014	N62°34'4.806"	W116°49'14.412"	
P6260100	6/26/2014	N62°34'17.61"	W116°49'23.814"	waypoint 28, remains of an old cabin/tent frame; completely strewn
P6260101	6/26/2014	N62°34'19.338"	W116°49'25.068"	waypoint 39, end of burn area, 500m long?
P6260102	6/26/2014	N62°34'24.27"	W116°49'28.59"	
P6260103	6/26/2014	N62°34'25.65"	W116°49'29.382"	
P6260104	6/26/2014	N62°34'27.072"	W116°49'30.75"	tamaracks!
				passed water crossing #7, didn't see anything 300m earlier there was some standing water in bush passed rd to left (west); stopped for KM25; after burn area we moved into tall poplar and pine, fewer dwarf birch and grasses on trail; prior to burn area still lots of dwarf birch
P6260105	6/26/2014	N62°34'29.916"	W116°49'32.832"	
P6260106	6/26/2014	N62°34'36.066"	W116°49'37.32"	
P6260107	6/26/2014	N62°34'36.486"	W116°49'37.716"	huge burn area - new growth of grasses/flowers only
P6260108	6/26/2014	N62°34'36.864"	W116°49'37.992"	
P6260109	6/26/2014	N62°34'39.15"	W116°49'39.612"	huge burn area - new growth of grasses/flowers only
P6260110	6/26/2014	N62°34'42.612"	W116°49'42.09"	Franklin's scorpionweed Phacelia sp.
P6260111	6/26/2014	N62°34'46.284"	W116°49'45.138"	standing burn area; east side - excellent for wood harvesting
P6260112	6/26/2014	N62°34'46.284"	W116°49'45.138"	Bicknell's geranium; american dragonhead
P6260113	6/26/2014	N62°34'46.284"	W116°49'45.138"	Franklin's scorpionweed Phacelia franklinii
P6260114	6/26/2014	N62°35'14.736"	W116°50'5.454"	waypoint 30 high fast flow in spring according to Sean; west
P6260115	6/26/2014	N62°35'13.932"	W116°50'5.826"	east grassy area that has high fast flow; shrubs farther
P6260116	6/26/2014	N62°35'14.256"	W116°50'5.922"	alpine milk-vetch
P6260117	6/26/2014	N62°35'14.37"	W116°50'5.946"	north; apparently from crossing #7 to waypoint 30, lots of seasonal water; willow & poplar stands in this area
P6260118	6/26/2014	N62°35'21.954"	W116°50'11.364"	100m north of waypoint 30, grassy area with willows that also floods during spring (about 300m long)
P6260119	6/26/2014	N62°35'24.6"	W116°50'13.098"	
P6260120	6/26/2014	N62°35'26.028"	W116°50'14.358"	
P6260121	6/26/2014	N62°35'27.246"	W116°50'15.45"	
P6260122	6/26/2014	N62°36'1.446"	W116°50'40.218"	
P6260123	6/26/2014	N62°36'3.162"	W116°50'41.682"	opened into sandy wide trail
P6260124	6/26/2014	N62°36'7.872"	W116°50'45.312"	
P6260125	6/26/2014	N62°36'15.372"	W116°50'53.076"	went from sandy rd with large spaces between pine to section with boulders, shows signs that could be mucky when
P6260126	6/26/2014	N62°36'41.916"	W116°51'10.644"	wet - pines are a lot taller and close together then widens out again with slightly shorter pine (still tall - 30 feet)
P6260127	6/26/2014	N62°36'56.286"	W116°51'21.546"	see marten boxes every so often along road; still garbage (beer cans, etc.) seen throughout trail
P6260128	6/26/2014	N62°37'18.864"	W116°51'38.466"	cabin off alignment
				cabin/cut wood; Sean doesn't know who owns the cabin, maybe a Yker with dogsled team; at about KM29; waypoint 31
P6260129	6/26/2014	N62°37'18.036"	W116°51'41.694"	- 60-200m to west off alignment - CLOSE to road
P6260130	6/26/2014	N62°37'26.748"	W116°51'43.968"	wet mucky section; grasses/willow
P6260131	6/26/2014	N62°37'27.0"	W116°51'44.268"	wet mucky section; grasses/willow
P6260132	6/26/2014	N62°37'27.678"	W116°51'44.934"	wet mucky section
P6260133	6/26/2014	N62°37'56.544"	W116°52'6.75"	stand of narrow trunk pine; lichen ground with roses; fairly dense stand
P6260134	6/26/2014	N62°37'56.484"	W116°52'6.558"	waypoint 32 KM30
P6260135	6/26/2014	N62°38'8.208"	W116°52'15.216"	
P6260136	6/26/2014	N62°38'11.772"	W116°52'17.796"	balsam poplar
P6260137	6/26/2014	N62°38'13.608"	W116°52'19.536"	wetter area with grasses, muck, dwarf birch
P6260138	6/26/2014	N62°38'45.36"	W116°52'40.014"	poplar stand
P6260139	6/26/2014	N62°38'48.198"	W116°52'33.024"	wide trail; some boulders poking out; pine stand
P6260140	6/26/2014	N62°39'15.456"	W116°51'31.92"	tamaracks!
P6260141	6/26/2014	N62°39'15.474"	W116°51'31.416"	drive-by pic of tamarack
P6260142	6/26/2014	N62°39'16.134"	W116°51'30.552"	
P6260143	6/26/2014	N62°39'27.282"	W116°51'5.964"	water and trail to west of main trail; waypoint 33
P6260144	6/26/2014	N62°39'44.976"	W116°50'32.31"	bog
P6260145	6/26/2014	N62°39'45.426"	W116°50'32.622"	bog
P6260146	6/26/2014	N62°39'46.35"	W116°50'32.76"	boggy area with grasses, peat moss, some water
P6260147	6/26/2014	N62°39'48.372"	W116°50'33.414"	boggy area with cotton grass; lichen; mossy; young spruce stands on edge
				waypoint 24; KM35; KM30-35 a lot more marshy water along route; tamaracks are also within the wet areas; caribou tracks ~ 1-2km back; both types of aspen/poplar present, taller grasses, moss present dwarf birch, shrubby cinquefoil;
P6260148	6/26/2014	N62°40'1.29"	W116°50'37.524"	Labrador tea
P6260149	6/26/2014	N62°40'0.762"	W116°50'37.308"	dried up cobble streambed; approx 10m back from KM35
P6260150	6/26/2014	N62°40'18.606"	W116°50'42.996"	
P6260151	6/26/2014	N62°40'40.362"	W116°50'49.758"	waypoint 35; good rock potential? (shelf in distance, behind pine)
P6260152	6/26/2014	N62°40'39.99"	W116°50'49.344"	gravel esker
P6260153	6/26/2014	N62°40'39.762"	W116°50'49.356"	shows gravelly esker; terrain has dried up, started to go higher, no more tamarack; jack pine and poplar (both kinds);
P6260154	6/26/2014	N62°40'50.802"	W116°50'51.546"	willow; spruce then odd paper birch along the edges of rock formation; gravel for about 25m
P6260155	6/26/2014	N62°40'50.64"	W116°50'51.9"	old camper trailer and lots of garbage
P6260156	6/26/2014	N62°41'5.952"	W116°50'56.946"	old camper trailer and lots of garbage
P6260157	6/26/2014	N62°41'23.352"	W116°51'1.908"	dense bush
P6260158	6/26/2014	N62°41'24.024"	W116°51'1.938"	poplar stand
P6260159	6/26/2014	N62°41'25.59"	W116°51'2.952"	poplar stand
P6260160	6/26/2014	N62°41'27.78"	W116°51'3.786"	pine
P6260161	6/26/2014	N62°41'46.296"	W116°51'9.72"	new growth among old burn area, standing deadfall
P6260162	6/26/2014	N62°41'46.674"	W116°51'9.858"	blurry photo
P6260163	6/26/2014	N62°42'13.596"	W116°51'18.18"	narrow trail with pine and standing deadfall
P6260164	6/26/2014	N62°42'18.384"	W116°51'19.47"	narrow trail with pine and standing deadfall
P6260165	6/26/2014	N62°42'19.878"	W116°51'20.1"	just emerged out of dense bush young pine 8-12 feet high and OLD burn
				grassy shrubby area - beginning of large fen/bog - waypoint 36 - approx 500m wide

P6260166	6/26/2014	N62°42'21.42"	W116°51'20.616"	large fen, large area dried, but water seen in far distance	
P6260167	6/26/2014	N62°42'24.318"	W116°51'22.602"	fen area; lots of old grasses/sedges	
P6260168	6/26/2014	N62°42'25.434"	W116°51'21.222"		
P6260169	6/26/2014	N62°42'42.024"	W116°51'16.464"	KM40; lots of standing deadfall	
P6260170	6/26/2014	N62°42'42.006"	W116°51'16.422"	650m away is KM40; after KM40 poplar stand - then moved onto more spruce with paper birch and tamarack	
P6260171	6/26/2014	N62°43'6.336"	W116°51'1.038"		
P6260172	6/26/2014	N62°43'11.454"	W116°50'57.834"		
P6260173	6/26/2014	N62°43'16.02"	W116°50'55.038"		
P6260174	6/26/2014	N62°43'16.848"	W116°50'54.636"		
P6260175	6/26/2014	N62°43'44.928"	W116°50'33.72"	looking south, just before Duport	
P6260176	6/26/2014	N62°43'45.186"	W116°50'33.762"	Franklin's lady's-slipper; marsh aster; horsetail	Duport
P6260177	6/26/2014	N62°43'45.186"	W116°50'33.768"	indian paintbrush	Duport
P6260178	6/26/2014	N62°43'45.222"	W116°50'33.576"	looking north @ Duport	Duport
P6260179	6/26/2014	N62°43'45.57"	W116°50'33.396"		Duport
P6260180	6/26/2014	N62°43'45.714"	W116°50'33.18"		Duport
P6260181	6/26/2014	N62°43'46.302"	W116°50'33.342"	main channel, sandy bottom; lots of bank erosion and very low water for this time of year	Duport
P6260182	6/26/2014	N62°43'46.314"	W116°50'33.276"	looking east; main channel approx 3m wide; large wood debris lodged in riverbed, most likely used by people to help	
P6260183	6/26/2014	N62°43'46.386"	W116°50'33.252"	with crossing over wooden bridge; old random culvert placed under bridge; lots of organic debris	Duport
P6260184	6/26/2014	N62°43'46.38"	W116°50'33.246"	shows minnows, at least 10 in deeper water underneath the cover of wood debris	Duport
P6260185	6/26/2014	N62°43'46.38"	W116°50'33.24"	argo crossing river, not able to cross bridge	Duport
P6260186	6/26/2014	N62°43'46.23"	W116°50'32.124"	franklin's lady's-slipper in book	Duport
P6260187	6/26/2014	N62°43'46.374"	W116°50'32.334"	bridge facing north	Duport
P6260188	6/26/2014	N62°43'46.584"	W116°50'32.556"	on bridge facing east	Duport
P6260189	6/26/2014	N62°43'46.596"	W116°50'32.658"	on bridge facing west; entire area filled with side pools, the channel appears to change very quickly over the years	
P6260190	6/26/2014	N62°43'46.968"	W116°50'32.082"	eroding new paths. Deep water +5 feet with undercut banks	Duport
P6260191	6/26/2014	N62°43'46.914"	W116°50'32.076"	on north side of river facing east	Duport
P6260192	6/26/2014	N62°43'47.172"	W116°50'33.684"	on northeast side of river facing west; second argo attempting to cross bridge	Duport
P6260193	6/26/2014	N62°43'46.59"	W116°50'33.03"	one of many side pools; looking south towards west side	Duport
P6260194	6/26/2014	N62°43'46.404"	W116°50'33.48"	looking at west side of main channel, on north side of river	Duport
P6260195	6/26/2014	N62°43'46.344"	W116°50'33.972"	shows a deep pool; lots of vegetation in water; river coming from small channel at top right	Duport
P6260196	6/26/2014	N62°43'46.14"	W116°50'34.932"	pool in background; small current of water travelling through pool to main channel	Duport
P6260197	6/26/2014	N62°43'46.326"	W116°50'35.136"		Duport
P6260198	6/26/2014	N62°43'47.01"	W116°50'33.858"	butterfly on tamarack	Duport
P6260199	6/26/2014	N62°43'47.322"	W116°50'33.858"		Duport
P6260200	6/26/2014	N62°43'47.22"	W116°50'33.738"	various birds heard chirping; water source avail for wildlife; high sediment and erosion potential; descend into riparian area on both sides	Duport
P6260201	6/26/2014	N62°43'47.19"	W116°50'33.66"	facing south; bridge indicates where river is though the riparian edges, which are peaty and grassy are also wet in sections	
P6260202	6/26/2014	N62°43'47.184"	W116°50'33.684"		Duport
P6260203	6/26/2014	N62°43'47.202"	W116°50'33.678"	north side of Duport facing north	Duport
P6260204	6/26/2014	N62°43'52.206"	W116°50'18.576"		Duport
P6260205	6/26/2014	N62°43'58.374"	W116°50'12.42"	take left route just after crossing Duport; 2 routes look well travelled; fairly narrow - but does come out into larger one after	
P6260206	6/26/2014	N62°44'9.168"	W116°50'18.282"		
P6260207	6/26/2014	N62°44'34.296"	W116°49'58.8"		
P6260208	6/26/2014	N62°44'47.928"	W116°49'54.132"	moister ground with tamaracks; grasses/sedges; spruce on edges	
P6260209	6/26/2014	N62°44'51.288"	W116°49'52.89"	pond	
P6260210	6/26/2014	N62°45'0.198"	W116°49'49.848"	fire scarring on trees; deadfall; hilly terrain, not flat and sandy like before; Labrador tea and lichen	
P6260211	6/26/2014	N62°45'5.586"	W116°49'47.976"	waypoint 38 KM 45; up to this point - mostly tamarack and spruce with birch; then about 100m prior to KM45 more pine coming back, still mostly spruce though	
P6260212	6/26/2014	N62°45'31.242"	W116°49'39.582"		
P6260213	6/26/2014	N62°45'43.392"	W116°49'35.46"		
P6260214	6/26/2014	N62°45'43.956"	W116°49'33.552"	as you go past KM 45 there is the option to go straight or to turn right; we took right both times, but they are just old turnouts, could have gone straight; still same hilly terrain and veg	
P6260215	6/26/2014	N62°45'47.01"	W116°49'22.806"	pond	
P6260216	6/26/2014	N62°45'49.254"	W116°49'24.402"	waypoint 39; pond on each side of trail	
P6260217	6/26/2014	N62°45'54.354"	W116°49'27.24"	dry pond	
P6260218	6/26/2014	N62°46'1.236"	W116°49'16.938"		
P6260219	6/26/2014	N62°46'13.614"	W116°49'2.916"		
P6260220	6/26/2014	N62°46'15.954"	W116°49'0.198"	north @ crossing #9	
P6260221	6/26/2014	N62°46'16.404"	W116°49'0.534"	approx 15m wide; few sedges in crossing; +15 minnows on north east side in water 2 feet deep; suckers normally used to get from pond to pond; water at least 1.5 feet lower than water marks; dwarf birch and shrubby cinquefoil line edges of banks then spruce and tamaracks; song birds nesting in grasses on edge of bank; old algae mats on rocks - dead and smelly right now; channel near north side 5-8 feet wide very shallow small riffles lots of minnows	east @ crossing #9
P6260222	6/26/2014	N62°46'16.386"	W116°49'0.51"	tracks indicate where crossing is established; exposed roots show bank erosion; edges of both banks is where there is higher flow (though it is still slow)	south @ crossing #9
P6260223	6/26/2014	N62°46'16.656"	W116°49'0.87"	looking upstream west; clear water; old mats of algae peeling up; slow moving section	west @ crossing #9
P6260224	6/26/2014	N62°46'16.818"	W116°49'0.57"	looking upstream west	crossing #9
P6260225	6/26/2014	N62°46'16.284"	W116°49'0.03"	looking downstream east	crossing #9
P6260226	6/26/2014	N62°46'16.128"	W116°48'59.628"	looking upstream west; shows the well defined watermarks on the boulders; exposed riverbed	crossing #9
P6260227	6/26/2014	N62°46'16.194"	W116°48'59.994"	shows a minnow at top centre of photo; a layer of old algae coats the bottom of the riverbed	crossing #9
P6260228	6/26/2014	N62°46'15.636"	W116°48'56.37"	looking downstream east	crossing #9
P6260229	6/26/2014	N62°46'15.786"	W116°48'56.502"	facing upstream on east side of road crossing; cobble/boulder substrate - low water, but enough moving flow for the minnows to swim and have places to hide amongst the rocks; water levels are well below normal	crossing #9
P6260230	6/26/2014	N62°46'16.476"	W116°48'59.208"	pile of empty seashells (midden) suggests a muskrat	crossing #9
P6260231	6/26/2014	N62°46'30.3"	W116°48'43.32"		
P6260232	6/26/2014	N62°46'41.778"	W116°48'44.28"	blurry photo, shows trail on edge of lake	
P6260233	6/26/2014	N62°46'42.282"	W116°48'45.21"	marshy area on edge of lake	
P6260234	6/26/2014	N62°46'45.114"	W116°48'48.402"	whole area (right of trail) shrubby peat moss section that is slightly elevated	
P6260235	6/26/2014	N62°46'47.454"	W116°48'51.096"		
P6270236	6/27/2014	N62°47'43.662"	W116°49'54.252"	sandpiper on rock surrounded by water @ crossing #10	
P6270237	6/27/2014	N62°47'43.644"	W116°49'54.114"	fairly dry boggy area; sedges; dwarf birch; butterflies; old bear prints in mud; song birds; small purple flowers; tamaracks with grasses; spruce on outside edges; water along crossing less than 1 foot deep; lichen in the higher mounds; evidence of more garbage/litter; small creek rocks evident on south side of pond, 25m back, very narrow, no water, old creek bed?	south @ crossing #10
P6270238	6/27/2014	N62°47'43.704"	W116°49'54.144"	fewer willows, more dwarf birch, yellow cinquefoil in the drier grassy areas; the odd boulder within the water area near the crossing; water is 1.5 feet lower than normal; no bank erosion; peaty bottom; Labrador tea near edges of tamarack and spruce; marsh aster, seaside arrow grass, roundleaf violet; lousewort	east @ crossing #10
P6270239	6/27/2014	N62°47'43.632"	W116°49'53.97"		west @ crossing #10

P6270240	6/27/2014	N62°47'43.62"	W116°49'53.994"		north @ crossing #10
P6270241	6/27/2014	N62°47'43.602"	W116°49'53.922"	bog violet	
P6270242	6/27/2014	N62°47'43.434"	W116°49'53.916"	sedge	
P6270243	6/27/2014	N62°47'43.494"	W116°49'53.874"	butterfly	
P6270244	6/27/2014	N62°47'44.7"	W116°49'55.278"	round-leaved orchid; bog violet; northern bastard toadflax?	
P6270245	6/27/2014	N62°47'44.688"	W116°49'55.356"	round-leaved orchid; bog violet; northern bastard toadflax?	
P6270246	6/27/2014	N62°47'49.644"	W116°50'0.816"	lots more boulders - rough terrain, turning away from spruce into pine dominant with small spruce	
P6270247	6/27/2014	N62°48'17.826"	W116°50'18.654"		
P6270248	6/27/2014	N62°48'39.636"	W116°50'27.48"	water to east of trail	
P6270249	6/27/2014	N62°48'40.038"	W116°50'27.528"	lots of standing deadfall in and amongst spruce;	
P6270250	6/27/2014	N62°48'42.198"	W116°50'27.354"	bog/peat moss +1km long? Cloudberry, Labrador tea cotton grass there are portions of wetter grassy areas with more spruce than pine; have been fewer poplar now after 300m wavy up and down ground, more poplar emerging right after KM55	
P6270251	6/27/2014	N62°48'47.04"	W116°50'27.036"		
P6270252	6/27/2014	N62°48'48.474"	W116°50'27.546"		
P6270253	6/27/2014	N62°48'52.878"	W116°50'29.184"	Labrador tea; cotton grass	
P6270254	6/27/2014	N62°49'59.028"	W116°50'14.316"		
P6270255	6/27/2014	N62°50'47.64"	W116°50'33.288"		
P6270256	6/27/2014	N62°50'48.084"	W116°50'33.612"	cloudberry; Labrador tea; bear dug hole waypoint 43 @ crossing #11; just boggy peatland, similar to crossing 10, more water to west rather than straight through rd.; lots of little spruce to east; sedges around water no tamarack; some dwarf birch but mostly smaller shrubs pool 15x15m; water probably +2 feet deep; heard songbird facing north @ crossing #11	
P6270257	6/27/2014	N62°51'2.598"	W116°50'41.976"		
P6270258	6/27/2014	N62°51'3.077"	W116°50'42.42"		
P6270259	6/27/2014	N62°51'2.61"	W116°50'42.276"		
P6270260	6/27/2014	N62°51'2.694"	W116°50'42.282"		
P6270261	6/27/2014	N62°51'42.114"	W116°51'5.286"		
P6270262	6/27/2014	N62°51'55.656"	W116°51'12.786"	top area just before crossing #12, continue right in order to pass over land bridge vs. through water northern hedsarum? With clay-gravel ground waypoint 44 @ crossing #12; low water 15-20m wide crossing with 10m either side riparian margin all grasses/sedges; water 1/2 foot low; birds heard; high sandy edges where trees are; silty clay river bottom; the odd rock boulder in stream; low riparian area; 10 foot high slopes; north side steeper than south side; poplar on edges of rd south side to river; lots of gulying/erosion on south side pass looking north; clear sandy water with odd boulder in water	
P6270263	6/27/2014	N62°51'56.502"	W116°51'14.82"		
P6270264	6/27/2014	N62°51'56.88"	W116°51'15.684"		
P6270265	6/27/2014	N62°51'57.402"	W116°51'16.794"		
P6270266	6/27/2014	N62°51'57.426"	W116°51'16.806"	looking east	
P6270267	6/27/2014	N62°51'57.42"	W116°51'16.794"	at shore edge facing south, lots of grass in riparian margin, then hill where Sean is standing	
P6270268	6/27/2014	N62°51'57.708"	W116°51'16.584"	martin foot prints?	
P6270269	6/27/2014	N62°51'57.732"	W116°51'16.572"	looking north at crossing #12	
P6270270	6/27/2014	N62°51'56.952"	W116°51'15.66"	clay-gravel decent leading to crossing #12, during heavy rainfall - this is a noticeable drainage area	
P6270271	6/27/2014	N62°51'56.304"	W116°51'14.28"	Oxytropis sp.	
P6270272	6/27/2014	N62°51'58.128"	W116°51'3.636"	east side on pond facing west	
P6270273	6/27/2014	N62°51'58.428"	W116°51'3.912"	drier pond on east side; drove around pond for crossing #12 rather than through	
P6270274	6/27/2014	N62°51'58.65"	W116°51'3.774"	facing west @ east end of pond	
P6270275	6/27/2014	N62°51'57.612"	W116°51'20.172"		sink hole on north side - fish are in hole; water flows under
P6270276	6/27/2014	N62°51'57.63"	W116°51'20.028"	facing west before walking around bend sandy shores exposed due to low water; two ducks; pond facing west; could move crossing west 200m rather than bridging because it is shorter	
P6270277	6/27/2014	N62°51'57.516"	W116°51'21.828"		
P6270278	6/27/2014	N62°51'57.534"	W116°51'22.188"	looking west - possibly bypass entire waterbody by going around the west of it rather than having to build a bridge; two black and white ducks in water; lots of evidence of waterfowl; sphagnum moss in riparian area with grasses	
P6270279	6/27/2014	N62°51'58.32"	W116°51'19.05"	facing south; large grassy margin on both sides	
P6270280	6/27/2014	N62°51'58.344"	W116°51'19.086"	deleted	last photo for area
P6270281	6/27/2014	N62°52'26.742"	W116°51'39.732"	waypoint #45 KM 65	
P6270282	6/27/2014	N62°53'1.68"	W116°52'11.826"	getting to have boulders in path making in bumpy	
P6270283	6/27/2014	N62°53'26.268"	W116°52'13.686"	after crossing 12 more pine & poplar with some spruce then moved to spruce dominated, pine still present though, tamarack sporadically show up; actually the 5km mostly pine except for lower areas that are wet, then spruce; odd birch tree every so often; alder have replaced dwarf for a lot of it except where it is moister	
P6270284	6/27/2014	N62°54'55.626"	W116°51'56.088"	nice tall jack pine with spruce every so often	looking south
P6270285	6/27/2014	N62°55'4.884"	W116°51'56.604"	crossing #13 area - lots of dwarf birch, normally a lot more water, boggy; wanted to maybe use the raft piping here; approx 100m long and 200-250m wide; frog seen; birds heard; cinquefoil interspersed with other veg	
P6270286	6/27/2014	N62°55'6.084"	W116°51'56.892"	grasses/sedges and water; tamarack and dwarf birch on edges where it is drier	
P6270287	6/27/2014	N62°55'8.106"	W116°51'56.544"	vast boggy/fen area	
P6270288	6/27/2014	N62°55'8.112"	W116°51'56.562"	getting to end of bog	
P6270289	6/27/2014	N62°55'20.142"	W116°51'50.862"	approx 1.4km from water crossing 13; turn Left	
P6270290	6/27/2014	N62°56'5.484"	W116°51'58.908"		
P6270291	6/27/2014	N62°56'30.714"	W116°52'22.134"		
P6270292	6/27/2014	N62°56'31.026"	W116°52'22.518"		
P6270293	6/27/2014	N62°56'39.63"	W116°52'32.088"	beginning of bog with grasses/sedges; dwarf birch	start of peat moss goes to pic 296
P6270294	6/27/2014	N62°56'39.726"	W116°52'32.49"		
P6270295	6/27/2014	N62°56'45.822"	W116°52'40.914"	boggy area with cotton grass; lichen; mossy; young spruce stands on edge	
P6270296	6/27/2014	N62°56'46.782"	W116°52'42.06"	end of boggy area; tamaracks on edge	
P6270297	6/27/2014	N62°56'58.902"	W116°52'55.95"		
P6270298	6/27/2014	N62°57'3.042"	W116°53'0.834"		
P6270299	6/27/2014	N62°57'12.81"	W116°53'12.732"	waypoint 47 @ KM70	
P6270300	6/27/2014	N62°57'38.91"	W116°53'45.156"		
P6270301	6/27/2014	N62°58'3.786"	W116°54'15.456"		
P6270302	6/27/2014	N62°58'7.638"	W116°54'20.04"	still mostly pine except for coming off boggy areas; lots of boulders along the way - super bumpy	
P6270303	6/27/2014	N62°58'11.97"	W116°54'25.584"	gravel esker	
P6270304	6/27/2014	N62°58'14.916"	W116°54'28.86"	top of hill before descending down to James Creek; heli on north side of crossing	
P6270305	6/27/2014	N62°58'20.73"	W116°54'36.426"	tamarack and spruce	
P6270306	6/27/2014	N62°58'24.864"	W116°54'40.77"	elevated area before James creek; across the creek high esker where archaeologists can be seen walking before descending down to cross James Creek; took left route where there is flagging in order to avoid wide, deep part of crossing upstream of crossing	
P6270307	6/27/2014	N62°58'25.008"	W116°54'40.968"		
P6270308	6/27/2014	N62°58'24.192"	W116°54'44.448"	upstream of crossing	
P6270309	6/27/2014	N62°58'23.808"	W116°54'44.766"	upstream of crossing	
P6270310	6/27/2014	N62°58'23.676"	W116°54'45.024"	upstream of crossing	
P6270311	6/27/2014	N62°58'23.514"	W116°54'45.27"	upstream of crossing	
P6270312	6/27/2014	N62°58'23.484"	W116°54'45.288"	deep pool and boulder field crossing for argo	
P6270313	6/27/2014	N62°58'23.598"	W116°54'45.126"	boulder streambed faster moving riffle; area we crossed by argo (to west of cutline)	
P6270314	6/27/2014	N62°58'23.604"	W116°54'45.51"	large pool upstream of cutline crossing; area we crossed by argo. DEEP pool; entire creek high fish potential	
P6270315	6/27/2014	N62°58'26.406"	W116°54'42.87"		east @ crossing 14
P6270316	6/27/2014	N62°58'26.556"	W116°54'43.356"		south @ crossing 14
P6270317	6/27/2014	N62°58'26.622"	W116°54'43.278"	Creek 10m wide; riparian meter each side of grasses then dwarf birch then tamarack; north side has tamarack and spruce	
P6270318	6/27/2014	N62°58'26.76"	W116°54'43.992"	lots of veg on bottom of creek; deep in centre channel +5 feet deep; lots of little blue damselflies	west @ crossing 14; large boulder in middle

P6270319	6/27/2014	N62°58'26.028"	W116°54'43.422"	south side of creek; shows how low water is 1-2 feet; erosion potential; boulders in water	
P6270320	6/27/2014	N62°58'26.154"	W116°54'43.422"	clear water, looks like tea; slow moving at crossing with large boulders; southside grasses very hummocky, erosion	
P6270321	6/27/2014	N62°58'26.43"	W116°54'43.386"	potential, no flowers but cinquefoil	
P6270322	6/27/2014	N62°58'36.444"	W116°54'55.71"	north side of James Creek; riparian vegetation - grasses predominantly with willow	
P6270323	6/27/2014	N62°58'43.176"	W116°55'4.326"	black spruce; grasses; dwarf birch - didn't see trapline 1 anywhere - most likely grown in; have been going up and down	
P6270324	6/27/2014	N62°58'44.154"	W116°55'5.034"	some hills; again mostly pine with spruced areas interspersed; super bumpy	
P6270325	6/27/2014	N62°58'44.7"	W116°55'5.946"	beginning of WET bog/fen - grasses/sedges with dwarf birch and tamarack	
P6270326	6/27/2014	N62°58'49.482"	W116°55'8.178"	WET WET with mosses	
P6270327	6/27/2014	N62°59'8.538"	W116°55'13.65"	emerging from water	
P6270328	6/27/2014	N62°59'9.216"	W116°55'13.89"	end of fen	
P6270329	6/27/2014	N62°59'35.7"	W116°55'21.612"	seeing more paper birch interspersed	
P6270330	6/27/2014	N62°59'35.88"	W116°55'21.42"	blurry photo	
P6270331	6/27/2014	N63°1'0.9"	W116°55'46.374"	waypoint 48; KM 75	
P6270332	6/27/2014	N63°1'2.76"	W116°55'46.962"		
P6270333	6/27/2014	N63°1'58.842"	W116°56'8.67"	bumpy trail; jack pines	
P6270334	6/27/2014	N63°1'58.608"	W116°56'8.91"	Franks Camp #2 sign - old and does not seem to be recently used, odd wood strewn	
				Franks Camp #2 sign - old and does not seem to be recently used, odd wood strewn	
P6270335	6/27/2014	N63°1'58.872"	W116°56'8.988"	evidence of old camp remains	stopped for day; waypoint 49; almost at KM80; Frank Camp #2 signpost
					no more features identified in desktop study prior to La Martre - will only describe veg is there is anything exciting to see that's new. Otherwise the veg is all the same. Mixed woodland.
P6280336	6/28/2014	N63°1'59.112"	W116°56'9.174"	cleared out area where we started for day; still lots of boulders; path is straight and a little to the right of photo	shows rocky terrain - walking would be easier; making landing spot KM80 even though about 300m short
P6280337	6/28/2014	N63°1'59.604"	W116°56'8.07"	brush was cut for heli landing	
P6280338	6/28/2014	N63°2'10.074"	W116°56'14.016"	cutting through trees with argos turns into dense veg.	
P6280339	6/28/2014	N63°2'14.4"	W116°56'21.096"	very dense poplar/dwarf birch - should have maybe taken route to the left rather than right - this route seemed clearer	
P6280340	6/28/2014	N63°2'31.038"	W116°56'25.452"	from air	
P6280341	6/28/2014	N63°2'31.902"	W116°56'26.028"	lots of bogs in the lower areas, while more boulders in higher areas. Trail still bouncy	
P6280342	6/28/2014	N63°2'51.252"	W116°56'43.14"	DENSE bush - cutting through poplar	
P6280343	6/28/2014	N63°2'51.63"	W116°56'43.26"	into clearer area; a lot of the time one side pine (higher elevation) other side spruce	
P6280344	6/28/2014	N63°3'2.532"	W116°56'49.074"	possible bedrock source (Tony interested)	waypoint #50
P6280345	6/28/2014	N63°3'2.664"	W116°56'49.17"	possible bedrock source (Tony interested)	waypoint #50
				possible bedrock source (Tony interested)	waypoint #50
P6280346	6/28/2014	N63°3'36.612"	W116°57'15.27"		waypoint #51, indicate which rd to take, took left route, should have taken right
P6280347	6/28/2014	N63°5'34.674"	W116°58'31.536"		
P6280348	6/28/2014	N63°5'34.8"	W116°58'31.596"		
P6280349	6/28/2014	N63°6'27.654"	W116°58'26.736"	hydro station has a game camera set up facing the rapids downstream	waypoint 53; hydrostation bank
P6280350	6/28/2014	N63°6'28.224"	W116°58'27.534"	water is again low for this time of year	silty bottom w/cobble and boulders
					south side has 2-5m of riparian grasses; then 5m grasses/willow/buttercup; then forest edge mixed jack, spruce, poplar. 1-3 feet high difference between wetted edge and willow
P6280351	6/28/2014	N63°6'28.146"	W116°58'28.032"		
P6280352	6/28/2014	N63°6'28.134"	W116°58'27.912"		large pool; slower water than rapids to east
P6280353	6/28/2014	N63°6'28.086"	W116°58'27.702"	south edge of La Martre River looking east downstream at rapids; 30+m across from hydro station; water DEEP in centre channel; rocky shallow pools on edge 1/2-1 food deep	
P6280354	6/28/2014	N63°6'28.098"	W116°58'27.702"	south edge of La Martre River looking west; clear water; habitable fish environment; birds heard; sphagnum moss along grasses	
					better crossing. Will try to cross here with argos. This is where we think the Stantec line is and then link back into the cutline; lots of bearberry before tree edge; saw jackfish
P6280355	6/28/2014	N63°6'30.504"	W116°58'27.546"	riparian margin of sedges and grasses	
P6280356	6/28/2014	N63°6'27.858"	W116°58'28.248"	old bird nest (not used this year) in tree directly beside hydro station	
P6280357	6/28/2014	N63°6'31.26"	W116°58'28.992"	jackfish sitting in centre of photo near edge of water; huge bald eagle was seen in area as well; duck and ducklings included	
P6280358	6/28/2014	N63°6'31.434"	W116°58'28.764"	Garry & Sean driving argo #1 across La Martre	
P6280359	6/28/2014	N63°6'31.764"	W116°58'28.434"	Garry & Sean driving argo #1 across La Martre pulling argo #2	
P6280360	6/28/2014	N63°6'31.926"	W116°58'28.35"	photo of crossing where Stantec originally indicated a bridge should go	
P6280361	6/28/2014	N63°6'32.442"	W116°58'28.872"	Garry & Sean driving argo #1 across La Martre pulling argo #2	
P6280362	6/28/2014	N63°6'32.568"	W116°58'28.938"	photo of crossing where Stantec originally indicated a bridge should go	
P6280363	6/28/2014	N63°6'32.868"	W116°58'28.746"	photo of crossing where Stantec originally indicated a bridge should go	
P6280364	6/28/2014	N63°6'33.132"	W116°58'26.97"	faster rapids in background of photo; water flowing to east	
P6280365	6/28/2014	N63°6'33.0"	W116°58'24.978"	Garry & Sean driving argo #1 across La Martre pulling argo #2	
P6280366	6/28/2014	N63°6'33.24"	W116°58'22.074"	the narrow crossing directly in middle of photo should be where Stantec originally indicated a bridge should go	
P6280367	6/28/2014	N63°6'33.282"	W116°58'22.08"	south shore; heli where hydro station cutline emerges; bridge would be constructed to far right of photo	
P6280368	6/28/2014	N63°6'33.528"	W116°5'21.69"	water comes up to the rubber matting covering tracks on argo when in water	
P6280369	6/28/2014	N63°6'33.6"	W116°58'20.958"	passengers of argo being towed across La Martre	
P6280370	6/28/2014	N63°6'33.006"	W116°58'19.584"	damselflies attracted to rope while being towed	
P6280371	6/28/2014	N63°6'30.0"	W116°58'17.88"	mating damselflies	
P6280372	6/28/2014	N63°6'27.972"	W116°58'16.488"	large clearing area; lots of garbage; poplar on edges of clearing; some tall spruce; bearberry; soapberry; cinquefoil; moss; dwarf birch	waypoint 54 where we came out of the river on north side
P6280373	6/28/2014	N63°6'28.026"	W116°58'16.434"	large clearing area; left of photo is where trail continues north; trail to right should go to the rapids	
P6280374	6/28/2014	N63°6'27.984"	W116°58'15.924"	indicates the trail to the rapids - not correct route to Whati	
P6280375	6/28/2014	N63°6'31.116"	W116°58'5.094"	correct route to Whati after passing through some grown in brush; similar landscape from south side of river; lots of spruce in this area	
P6280376	6/28/2014	N63°6'32.754"	W116°58'1.68"	much drier on this side of river; mixed stands with spruce and jack; the odd birch intermingled; alder	
P6280377	6/28/2014	N63°6'38.196"	W116°57'46.248"		
P6280378	6/28/2014	N63°6'38.454"	W116°57'45.78"		
P6280379	6/28/2014	N63°6'42.318"	W116°57'35.112"		
P6280380	6/28/2014	N63°7'5.514"	W116°56'34.818"		turn LEFT sharp turn; don't keep going straight
P6280381	6/28/2014	N63°7'11.316"	W116°56'20.04"		
P6280382	6/28/2014	N63°7'52.332"	W116°57'11.28"	cobble/boulder terrain - VERY bumpy in argo - walking easier in this part	
P6280383	6/28/2014	N63°8'16.086"	W116°57'40.824"	blurry photo; tamaracks near moister ground	
P6280384	6/28/2014	N63°8'16.74"	W116°57'41.412"	small grassy section; then back to rocky uneven terrain along direct route	

P6280385	6/28/2014	N63°8'41.154"	W116°58'1.05"	bumpy blurry photo	
P6280386	6/28/2014	N63°8'42.054"	W116°58'1.116"	rocky!	
P6280387	6/28/2014	N63°8'49.29"	W116°58'1.908"	super crazy bumpy! Some small parts of trail are bog; mostly dry with large cobble/boulders; cranberry & bearberry; earlier saw pixie cup lichen	north @ KM95; waypoint 56
P6280388	6/28/2014	N63°9'8.376"	W116°58'5.976"	waypoint 57; KM95.5 end of ground truthed road - hit Whati access rd.	well developed access road facing east to La Martre Falls
P6280389	6/28/2014	N63°9'8.238"	W116°58'6.078"		well developed access road facing northwest to Whati
P6280390	6/28/2014	N63°9'8.232"	W116°58'5.994"	gravel pit on edge of access road to Whati where we came out of trail with some large boulders	
P6280391	6/28/2014	N63°9'8.226"	W116°58'6.144"	cut-leaved anemone; sandy gravel ground; foxtails; rough cinquefoil	last photo at access road that leads to Whati (northwest) and La Martre Falls (east); 2 hawks flying overhead on way back to River; duck and ducklings at River