Risk/Opportunities Assessment - Market Analysis, Environmental Regulatory Approvals & Tehcnical									
			Pre -						
Risks	Probability*	Importance **		Constr.	Oper.	Mitigation			
Example - Decline in commodity prices	3	5	Х		•	Postpone project			
Example - Decline in commodity prices	4	5		Х		Reduce scope/cost			
*									
* 1 = Very Likely; 5 = Not Very Likely									
** 1 = Very Important ; 5 = Not Very Important									

Endangered Species 5% high nil high minor avoid - if found sesimic Highway route 100% high nil low major design and construction methods seismic Ladue route 100% high nil low fatal flaw? avoid - if confirmed wetlands 100% high nil low fatal flaw? avoid - if confirmed avoid - if confirmed avoid - if confirmed seismic Ladue route 100% high nil low major avoid or design and construction methods flight nil low major avoid or design and construction methods or high nil low major avoid or design and construction methods or high nil low major Design to avoid critical Habitat - nesting; calving areas; etc (Havy) 5% high unknown low major Design to avoid Permafrost 100% high high effort Conforming maintenance Proven & possible new construction methods or major nil well and permit will require significant work night high effort major maintenance proven & possible new construction methods or major low night high effort major maintenance proven & possible new construction methods or major which we major to possible new construction methods or major which we major to possible new construction methods or major to possible new construction method or major to possible new c	Risk/Opportunities Assessment - Market Analysis, Environmental Regulatory Approvals and Technical										
Opportunities Encroach into Tetlin National Wildlife Refuge (Hwy) 95% high nil medium Anadromous fish habitat - both routes Endangered Species Sismic Highway route Seismic Ladue route Wetlands Wetlands Wetlands Wetlands - resting; calving areas; etc (Ladue) 50% high nil high mil ow major Wetnical Habitat - nesting; calving areas; etc (Ladue) Permafrost 100% high nil high mil ow major Wetnads Wetnical Habitat - nesting; calving areas; etc (Ladue) Permafrost 100% high high nil high major Wetnical Habitat - nesting; calving areas; etc (Ladue) Permafrost 100% high high nil high major Wetnical Habitat - nesting; calving areas; etc (Ladue) Permafrost 100% high high nil ow major Permafrost 100% high high own high high feffort Conforming nil ow major Permafrost 100% high high feffort Conforming maintenance Proven & possible new construction methods Netlands 100% high high feffort Conforming nil own major maintenance Proven & possible new construction methods Netlands Permafrost 100% high high feffort Conforming nil own major maintenance Proven & possible new construction methods Netlands Netland											
Encroach into Tetlin National Wildlife Refuge (Hwy) 95% high nil whigh low high major avoid this alternative Anadromous fish habitat - both routes 100% high nil high minor Use proven Best Management Practices 100% high nil high minor avoid - if found Seismic Ladue route 100% high nil low major design and construction methods 100% high nil high major avoid - if confirmed 100% high nil high major avoid - if confirmed 100% high nil high major avoid - if confirmed 100% high nil high major avoid - if confirmed 100% high nil high major avoid or design and construction methods 100% high nil high major avoid or design and construction methods 100% high nil high major avoid or design and construction methods 100% high nil high major avoid or design and construction methods 100% high nil high major avoid or design and construction methods 100% high nil high major avoid or design and construction methods 100% high nil high major avoid or design and construction methods 100% high nil high major avoid or design and construction methods 100% high nil high major avoid or design and construction methods 100% high nil high major avoid or design and construction methods 100% high nil high major avoid or design and construction methods 100% high nil high major major 100% major 100% peotechnical-margional conditions 100% high high leftort 100% high high leftort 100% major				_							
Create new transportation corridor in wilderness(Ladue) Anadromous fish habitat - both routes 100% high nil high minor Anadromous fish habitat - both routes 100% high nil high minor Seismic Highway route Seismic Ladue route Wetlands 100% high nil low fatal flaw? Wetlands 100% high nil low fatal flaw? Wetlands 100% high nil low major design and construction methods Wetlands 100% high nil low fatal flaw? Wetlands 100% high nil low major design and construction methods Wetlands 100% high nil low major design and construction methods Wetlands Wetland Permitting 100% high nil low major avoid or design and construction methods Wetland In the properties of th			Importance '	** Constr.	Constr.	Oper.	ū				
Anadromous fish habitat - both routes			high	nil	medium	minor					
Endangered Species 5% high nil high minor avoid - if found seismic Highway route 100% high nil low fatal flaw? avoid - if confirmed low fatal flaw? avoid - if confirmed wetlands Wetlands Wetlands Wetland Permitting Critical Habitat - nesting; calving areas; etc (Hwy) Permafrost 100% high ligh mil low major design and construction methods Note that the provide seign and construction methods avoid or design and construction methods major nil wetland permit will require significant work Totical Habitat - nesting; calving areas; etc (Ladue) Permafrost 100% high ligh effort 100% high ligh effort 100% high mil low major Design to avoid Reroute where possible geotechnical- margional conditions 100% high ligh effort 100% high mil low major avoid or design and construction methods Reroute where possible geotechnical- margional conditions 100% high ligh effort major maintenance maintenance maintenance maintenance maintenance proven & possible new construction method or maintenance proven & possible new construction methods 100% high ligh effort major maintenance proven & possible new construction methods 100% high ligh effort major maintenance proven & possible new construction method or maintenance proven & possible new construction methods 100% high ligh effort major maintenance proven & possible new construction methods 100% high ligh effort major maintenance proven & possible new construction methods 100m ligh ligh effort major maintenance proven & possible new construction methods 100m ligh effort major maintenance proven & possible new construction methods 100m ligh ligh effort major maintenance proven & possible new construction methods 100m ligh ligh effort major major maintenance proven & possible new construction methods 100m ligh ligh effort major major major maintenance proven & possible new construction methods 100m ligh effort major majo			high	low	high	major					
Seismic Highway route 100% high nil low major design and construction methods seismic Ladue route 100% high nil low fatal flaw? avoid - if confirmed Wetlands 100% high nil low major avoid or design and construction methods 100% high nil low major avoid or design and construction methods 100% high nil low major nil low major Reprotect where possible 100% high nil low major Reprotect where possible 100% high high effort 100% high ligh eff	Anadromous fish habitat - both routes		high	nil	high	minor	·				
Seismic Ladue route ### Metlands ### Metland Permitting ### 100% ### Migh	Endangered Species	5%	high	nil	high	minor					
Wetlands Wetland Permitting Wetland Permitting (Critical Habitat - nesting; calving areas; etc (Hwy) (Critical Habitat - nesting; calving areas; etc (Ladue) (Indical Habitat -	Seismic Highway route		high	nil	low	,	•				
Wetland Permitting 100% high high Effort Conforming nil wetland permit will require significant work Critical Habitat - nesting; calving areas; etc (Ladue) 50% high uknown low geotechnical- margional conditions 100% high high effort 100% high ligh Effort 100% 100% major Reroute where possible 100% maintenance 100% maintenance 100% period 100% major 100% major 100% maintenance 100% period 100% major 100% maintenance 100% period 100% major 100% period 100% major 100% period 100% major 100% period 100% major 100% period 100% pe	Seismic Ladue route	100%	high	nil	low	fatal flaw?					
Critical Habitat - nesting; calving areas; etc (Hwy) 5% high unknown low major Period where possible geotechnical-margional conditions 100% high High Effort Plood plain 20% high low hing Permafrost 100% high High Effort Remaior Proven & possible new construction method in the province of the province	Wetlands	100%	high			,	avoid or design and construction methods				
Critical Habitat - nesting; calving areas; etc (Ladue) geotechnical- margional conditions 100% high high effort Conforming maintenance Permafrost Flood plain 100% high High effort 20% hing Identify 100% high High effort 100% maintenance 100% maintenance 100% high High effort 100% maintenance 100%	Wetland Permitting		high	High Effort	Conforming	nil	wetland permit will require significant work				
geotechnical- margional conditions 100% high high effort Conforming Maintenance Design, Construction, Maintenance method major Maintenance Proven & possible new construction method Identify Conforming Nil Construct above high water 100% high High Effort Major Maintenance Proven & possible new construction method Conforming Nil Construct above high water 100% high High Effort Major Maintenance Proven & possible new construction method Conforming Nil Construct above high water		5%	high	nil	low	major	<u> </u>				
Permafrost 100% high High Effort major Identify Conforming nil Construct above high water 100% high High Effort major Identify Conforming nil Construct above high water	Critical Habitat - nesting; calving areas; etc (Ladue)	50%	high		_						
Flood plain 20% hing Identify Conforming nil Construct above high water Construct above high water	geotechnical- margional conditions	100%	high	high effort	Conforming	maintenance	Design, Construction, Maintenance methods				
¹ 1 = Very Likely; 5 = Not Very Likely	Permafrost	100%	high	High Effort	major	maintenance	Proven & possible new construction methods				
1 = Very Likely; 5 = Not Very Likely	Flood plain	20%	hihg	Identify	Conforming	nil	Construct above high water				
1 = Very Likely; 5 = Not Very Likely											
1 = Very Likely; 5 = Not Very Likely											
1 = Very Likely; 5 = Not Very Likely											
1 = Very Likely; 5 = Not Very Likely											
1 = Very Likely; 5 = Not Very Likely											
1 = Very Likely; 5 = Not Very Likely											
1 = Very Likely; 5 = Not Very Likely											
1 = Very Likely; 5 = Not Very Likely											
1 = Very Likely; 5 = Not Very Likely											
1 = Very Likely; 5 = Not Very Likely											
1 = Very Likely; 5 = Not Very Likely											
1 = Very Likely; 5 = Not Very Likely											
1 = Very Likely; 5 = Not Very Likely											
1 = Very Likely; 5 = Not Very Likely											
1 = Very Likely; 5 = Not Very Likely											
1 = Very Likely; 5 = Not Very Likely											
1 = Very Likely; 5 = Not Very Likely											
	* 1 = Very Likely; 5 = Not Very Likely										
* 1 = Very Important ; 5 = Not Very Important	** 1 = Very Important ; 5 = Not Very Important										