

**APPENDIX 9-I  
GEOHAZARDS SCOPING TABLE**

---

**Appendix 9-I. Geohazards Scoping Table**

Project Region	Project Area	ID #	Project Component	Phase				Reclamation (Y/partial/N)	Closure Objective	Decrease Terrain Stability	
				Construction	Operation	Closure	Post-Closure				
Mine Site	Camp 3: Eskay Staging Camp	1	Camp 3 incinerator	X	R			Y	forest		
		2	Camp 3 helipad	X	R			Y	forest		
		3	Camp 3 equipment and material storage yard	X	R			Y	forest		
		4	Camp 3: Eskay Staging Camp	X	R			Y	forest		
		5	Camp 3 septic field	X	R			Y	forest		
	Camp 7: Unuk North Camp	6	Camp 7 equipment and material storage yard	X	R			Y	forest		
		7	Camp 7: Unuk North Camp	X	R			Y	forest		
		8	Camp 7 helipads	X	R			Y	forest		
		9	Camp 7 incinerator	X	R			Y	forest		
	Camp 8: Unuk South Camp	10	Camp 7 septic field	X	R			Y	forest		
		11	Camp 8 helipad	X	R			Y	forest		
		12	Camp 8 equipment and material storage yard	X	R			Y	forest		
		13	Camp 8 incinerator	X	R			Y	forest		
		14	Camp 8: Unuk South Camp	X	R			Y	forest		
	Coulter Creek Access Corridor (CCAC)	15	Camp 8 septic field	X	R			Y	forest		
		16	Coulter Creek access road	X	X	X	R	Y	forest	X	
		17	CCAC borrow areas	X	PR			partial	forest		
		18	CCAC waste areas	X	R			Y	forest		
		19	CCAC log landings	X	R			Y	forest		
		20	creek crossing C012	X	X	X	R	Y	forest/riparian		
		21	creek crossing C043	X	X	X	R	Y	forest/riparian		
		22	creek crossing C044	X	X	X	R	Y	forest/riparian		
		23	Coulter Creek bridge (C006)	X	X	X	R	Y	forest/riparian		
		24	creek crossing C024	X	X	X	R	Y	forest/riparian		
		25	creek crossing C021	X	X	X	R	Y	forest/riparian		
		26	Unuk River bridge (C010) (88 m) (three-span bridge)	X	X	X	R	Y	forest/riparian		
		Mitchell Operating Camp	27	creek crossing C042	X	X	X	R	Y	forest/riparian	
	28		avalanche control structures (km 26-29)	X	X	X	D	N	NA		
	29		Gingras Creek bridge (C011)	X	X	X	R	Y	forest		
	30		Mitchell Creek bridge (C007) (33.5 m)	X	X	X	X	N	NA		
	31		Mitchell operating camp	X	X	PR	X	partial	forest	X	
	32		Mitchell operating camp helipad	X	X	X	X	N	NA		
	33		Mitchell operating camp incinerator	X	X	X	X	N	NA		
	34		Mitchell operating camp septic field	X	X	X	X	N	NA		
	McTagg Rock Storage Facility (RSF)		35	McTagg access road	X	D			-	NA	X
			36	McTagg Creek bridge	X	D			-	NA	X
			37	McTagg RSF snow storage		X	D		-	NA	
			38	McTagg RSF		X	PR		partial	forest	X
			39	West McTagg operation channel - North		X			-	NA	
		40	West McTagg operation channel - South		X			-	NA		
		41	West McTagg closure channel			X	X	N	NA		
		42	West McTagg access road		X	X	X	N	NA	X	
		43	East McTagg closure channel and access road			X	X	N	NA	X	
		44	North McTagg Diversion Channel		X	X	X	N	NA	X	
	McTagg Twinned Diversion Tunnels (MTDT)	45	McTagg Diversion access road	X	X	X	X	N	NA	X	
		46	McTagg phase 3 flood outlet		X	X	X	N	NA		
		47	McTagg phase 2 flood outlet		X/R			Y	forest		
		48	McTagg phase 1 flood outlet	X	R			Y	forest		
		49	Temporary Water Treatment (TWT) 2	X/R				Y	forest		
		50	TWT 2 - sediment control pond	X/R				Y	forest		
		51	TWT 2 - unlined muck pad	X/R				Y	forest		
		52	TWT 2 - diversion ditch	X/R				Y	forest		
		53	McTagg Twinned Diversion Tunnels	X	X	X	X	N	NA	X	
		54	Phase 3 West McTagg inlet		X	X	X	N	NA		
		55	Phase 3 West McTagg dam		X	X	X	N	NA		
		56	Phase 3 West McTagg dam spillway		X	X	X	N	NA		
		57	Phase 3 East McTagg inlet		X	X	X	N	NA		
		58	Phase 3 East McTagg dam		X	X	X	N	NA		
	59	Phase 3 East McTagg dam spillway		X	X	X	N	NA			
	60	Phase 2 McTagg inlet		X/D			-	NA			
	61	Phase 2 McTagg dam		X/D			-	NA			
	62	Phase 2 McTagg dam spillway		X/D			-	NA			
	63	Phase 1 McTagg dam	X	D			-	NA			
	64	Phase 1 McTagg inlet	X	D			-	NA			
	65	Phase 1 McTagg dam spillway	X	D			-	NA			
	McTagg Power Plant	66	McTagg penstock tunnel		X	X	X	N	NA		
		67	McTagg penstock		X	X	X	N	NA		
		68	McTagg power plant		X	X	X	N	NA	X	
	Mitchell Rock Storage Facility (RSF)	69	North Slope pipeline	X	D			-	NA		
		70	North Slope pipeline access road	X	D			-	NA	X	
		71	North Slope diversion ditch		X	D		-	NA		
		72	North Slope collection ditch		X	X	X	N	NA		
		73	North Slope diversion buried pipeline	X	X	D		-	NA		
		74	North Slope diversion ditch access road	X	X			-	NA	X	
		75	Mitchell North closure channel			X	X	N	NA		
		76	Upper Mitchell Creek bridge	X	D			-	NA		
		77	Mitchell RSF landbridge		X/D			-	NA		
		78	Temporary Water Treatment (TWT) 6	X/D				-	NA		
		79	TWT 6 - sediment control pond	X/D				-	NA		
		80	TWT 6 - lined muck pad	X/D				-	NA		
		81	TWT 6 - water treatment plant	X/D				-	NA		
		82	TWT 6 - lined pond	X/D				-	NA		
		83	TWT 6 - diversion ditch	X/D				-	NA		
		84	TWT 6 - unlined muck pad	X/D				-	NA		
		85	TWT 6 - buried pipeline	X/D				-	NA		
		86	Mitchell RSF pre-production ore stockpile	X				-	NA		
		87	Mitchell RSF ore stockpile		X/PR			partial	forest		
		88	Mitchell Batch Plant	X	D			-	NA		
		89	Mitchell Batch Plant gravel stockpile	X	D			-	NA		
		90	Mitchell RSF snow storage	X	D			-	NA		
		91	Mitchell RSF fuel storage	X	X	X	X	N	NA		
		92	Sulphurets waste conveyor 3		X	D		-	NA		
		93	Sulphurets waste conveyor 2		X	D		-	NA		
		94	Sulphurets waste conveyor 1		X	D		-	NA		
		95	Sulphurets waste stockpile		X	D		-	NA		
		96	Mitchell RSF	X	X	PR		partial	forest	X	
		97	South Mitchell closure channel and access road			X	X	N	NA		
		98	Mitchell Valley Drainage Tunnel		X	X/D		N	NA		

X = the project component is active during that project phase.

- = the project component is encompassed by another feature and the reclamation objective is indicated in the row for the other project feature.

R/reclaim = shows the project phase where reclamation of the component occur.

PR/partial reclaim = shows the project phase where partial reclamation of the component occurs; in some cases the feature is totally reclaimed but remains in place (e.g., dams).

D/decom = shows the phase of the project where the component is decommissioned, but not reclaimed.

**Appendix 9-I. Geohazards Scoping Table**

Project Region	Project Area	ID #	Project Component	Phase				Reclamation (Y/partial/N)	Closure Objective	Decrease Terrain Stability	
				Construction	Operation	Closure	Post-Closure				
Mine Site	Camp 4: Mitchell North Camp (for MTT construction)	99	Camp 4: Mitchell North Camp	X/D				-	NA		
		100	Camp 4 helipad	X/D				-	NA		
		101	Camp 4 incinerator	X/D				-	NA		
		102	Camp 4 equipment and material storage yard	X/D				-	NA		
		103	Camp 4 septic field	X/D				-	NA		
	Mitchell Ore Preparation Complex (Mitchell OPC)	104	Mitchell OPC	X	X	PR		Y	grass	X	
		105	MTT west portal	X	X			-	NA		
		106	MTT closure portal			X	X	N	NA		
		107	substation 2	X	X			-	NA		
		108	Closure substation			X	X	N	NA		
		109	25 kV transmission lines	X	X	X	X	N	NA		
		110	Mitchell OPC ore stockpile	X	X	R		Y	grass		
		111	TWT 4 - sediment control pond	X/D				-	NA		
		112	Mitchell OPC Primary Crusher	X	X	D		-	NA		
		113	Mitchell OPC snow storage		X	R		Y	grass		
	Mine Site Avalanche Control	114	fixed avalanche initiation exploders	X	X	X	X	N	NA		
		115	fixed avalanche support structure	X	X	X	X	N	NA		
		116	fixed avalanche support structure access road	X	X	X	X	N	NA		
	Iron Cap Block Cave Mine	117	Iron Cap Underground Works		X	D		N	NA		
		118	Iron Cap underground access ramp		X	D		N	NA		
		119	Iron Cap conveyor 3		X	D		N	NA		
		120	Iron Cap conveyor 2		X	D		N	NA		
		121	Iron Cap conveyor 1		X	D		N	NA		
		122	Iron Cap surface disturbance		X	X	X	N	NA		
		123	Iron Cap return air portal		X	X	X	N	NA		
		124	Iron Cap ventilation tunnels		X	D		N	NA		
		125	Iron Cap fresh air portals (x2)		X	D		N	NA		
		Mitchell Pit	126	Mitchell Pit north wall dewatering adits		X	D		N	NA	X
	127		Mitchell Pit haul road		X	R		N	grass	X	
	128		Mitchell Pit closure dam			X	X	N	NA	X	
	129		Mitchell Pit closure dam spillway			X	X	N	NA	X	
	130		Mitchell Pit Lake discharge pipe			X	X	N	NA		
	131		Mitchell Pit pre-production ore stockpile	X				-	NA		
	132		Mitchell Pit	X	X	D		N	pit lake	X	
	133		Mitchell Pit Lake			X	X	N	NA		
	134		Mitchell Pit North diversion ditch		X	X/D		N	NA	X	
	135		Mitchell Pit East diversion ditch		X	X/D		N	NA	X	
	Mitchell Block Cave Mine	136	Mitchell Pit South diversion ditch		X	X/D		N	NA	X	
		137	Mitchell Underground Works		X	D		N	NA		
		138	Mitchell surface disturbance		X	X	X	N	NA	X	
		139	Mitchell underground access portal		X	D		N	NA		
		140	Mitchell underground access ramp		X	D		N	NA		
		141	Mitchell underground conveyor tunnel portal		X	D		N	NA		
		142	Mitchell underground conveyor		X	D		N	NA		
		143	Mitchell underground fresh air raises (x2)		X	D		N	NA		
		144	Mitchell underground return air raises (x2)		X	D		N	NA		
		145	Mitchell underground drainage tunnels		X	D		N	NA		
	Mitchell Diversion Tunnels (MDT)	146	Mitchell diversion contact water ditch	X				-	NA		
		147	North Mitchell Glacier collection ditch	X	X	X	X	N	NA		
		148	North Mitchell Glacier collection ditch access road	X				-	NA	X	
		149	North Mitchell Glacier access road	X	X	X	X	N	NA	X	
		150	Mitchell diversion phase1 surface inlet	X	X			-	NA		
		151	Mitchell Diversion Tunnel access	X	X	X	X	N	NA		
		152	Mitchell diversion phase 2 surface inlet		X	D		N	NA		
		153	South Mitchell Glacier slope contact water collection ditch		X	X	X	N	NA		
		154	Mitchell flood overflow drainage tunnel	X	X	X	X	N	NA		
		155	Mitchell Diversion access road	X				-	NA	X	
		156	open pit phase sub-glacial inlet	X	X	X	X	N	NA		
		157	underground phase sub-glacial inlet		X	X	X	N	NA		
		158	Temporary Water Treatment 5	X/D				-	NA		
		159	TWT 5 - lined muck pad	X/D				-	NA		
		160	TWT 5 - unlined muck pad	X/D				-	NA		
		161	TWT 5 - sediment control pond	X/D				-	NA		
		162	TWT 5 - diversion ditch	X/D				-	NA		
		163	Open Pit Phase Mitchell Diversion Tunnel	X	X	X	X	N	NA		
		164	Underground Phase Mitchell Diversion Tunnel		X	X	X	N	NA		
		165	Temporary Water Treatment 3	X/R				Y	forest		
	166	TWT 3 - unlined muck pad	X/R				Y	forest			
	167	TWT 3 - lined muck pad	X/R				Y	forest			
	168	TWT 3 - water treatment facility	X/R				Y	forest			
	169	TWT 3 - sediment control pond	X/R				Y	forest			
	170	TWT 3 - diversion ditch	X/R				Y	forest			
	171	MDT temporary diversion construction road	X	R			Y	forest			
	172	rock cut stepped spillway	X	X	X	X	N	NA			
	173	underground phase outlet portal		X	X	X	N	NA			
	174	Mitchell Diversion outlet access road	X	X	X	X	N	NA			
	Upper Sulphurets Power Plant	175	surface penstock on pillars	X	X	X	X	N	NA		
		176	penstock buried in road bed	X	X	X	X	N	NA		
		177	Upper Sulphurets Power Plant access road	X	X	X	X	N	NA	X	
		178	Upper Sulphurets Power Plant	X	X	X	X	N	NA		
	Mitchell Truck Shop	179	Mitchell Truck Shop	X	X	R		Y	forest		
		Water Storage Facility (WSF)	180	WSF bypass buried pipeline	X	X	X	X	N	NA	
			181	WSF snow storage		X	D		N	NA	
			182	WSF borrow pits	X				-	NA	
			183	water storage pond	X	X	X	X	N	NA	
			184	buried HDPE lined penstock	X	X	X	X	N	NA	
			185	lined pumping header pond	X	X	X	X	N	NA	
			186	downstream rockfill quarry area	X	X	R		Y	forest	X
			187	Selenium Treatment Plant		X	X	X	N	NA	
			188	WSF diversion tunnel	X	X	X	X	N	NA	
			189	Temporary Water Treatment 7	X/R				N	NA	
			190	WSF construction access road	X/D				-	NA	X
			191	WSF construction cofferdams	X/D				-	NA	
			192	Water Storage dam (WSD)	X	PR	X	X	Y	forest	
			193	WSD west lower seepage interception tunnel	X	X	X	X	N	NA	X
			194	WSD west upper seepage interception tunnel	X	X	X	X	N	NA	X
			195	WSD east lower seepage interception tunnel	X	X	X	X	N	NA	X

X = the project component is active during that project phase.

- = the project component is encompassed by another feature and the reclamation objective is indicated in the row for the other project feature.

R/reclaim = shows the project phase where reclamation of the component occur.

PR/partial reclaim = shows the project phase where partial reclamation of the component occurs; in some cases the feature is totally reclaimed but remains in place (e.g., dams).

D/decom = shows the phase of the project where the component is decommissioned, but not reclaimed.

**Appendix 9-I. Geohazards Scoping Table**

Project Region	Project Area	ID #	Project Component	Phase				Reclamation (Y/partial/N)	Closure Objective	Decrease Terrain Stability	
				Construction	Operation	Closure	Post-Closure				
Mine Site	Water Storage Facility (WSF) (cont'd)	196	WSD east upper seepage interception tunnel	X	X	X	X	N	NA	X	
		197	WSD southeast seepage interception tunnel	X	X	X	X	N	NA	X	
		198	WSD southwest seepage interception tunnel	X	X	X	X	N	NA	X	
		199	WSF pipeline	X	X	X	X	N	NA		
		200	WSF spillway	X	X	X	X	N	NA		
		201	WSF seepage dam	X	X	X	X	N	NA		
		202	WSF seepage collection pond	X	X	X	X	N	pond/wetland		
		203	WSF seepage dam spillway	X	X	X	X	N	NA		
		204	southeast WSF diversion	X	X	X	X	N	NA		
		205	temporary construction bridge	X/D				-	NA		
		206	Lower Mitchell closure channel access road				X	X	N	NA	X
		207	Lower Mitchell closure channel				X	X	N	NA	
		Camp 9: Mitchell Initial Camp	208	Camp 9: Mitchell Initial Camp	X/R				Y	forest	
			209	Camp 9 septic field	X/R				Y	forest	
	Camp 10: Mitchell Secondary Camp	210	Camp 10: Mitchell Secondary Camp	X	R			Y	forest		
		211	Camps 9 and 10 helipad	X	R			Y	forest		
		212	Camp 9 and 10 incinerator	X	R			Y	forest		
		213	Camp 10 septic field	X	R			Y	forest		
	Water Treatment and Energy Recovery Area	214	penstock to WTP	X	X	X	X	N	NA		
		215	Energy Recovery Facility	X	X	X	X	N	NA		
		216	Water Treatment Plant (WTP)	X	X	X	X	N	NA		
		217	Temporary Water Treatment 1	X/R				Y	forest		
	Sludge Management Facilities	218	sludge warehouse	X	X	X	X	N	NA		
		219	sludge landfill	X/R				Y	forest		
		220	sludge storage			X	X	N	NA		
	Sulphurets Laydown Area	221	Sulphurets access road	X	X	PR	X	partial	forest	X	
		222	Satellite Maintenance Facility		X	R		Y	forest		
		223	Sulphurets snow storage	X	X	R		Y	forest		
		224	Sulphurets diversion ditch	X	X	R		Y	forest		
		225	Sulphurets collection ditch	X	X			-	NA		
		226	landfarm/landfill	X	R			Y	forest	X	
		227	Sulphurets laydown area	X	X/R			Y	forest		
	Sulphurets-Mitchell Conveyor Tunnel	228	Sulphurets-Mitchell Conveyor Tunnel		X	D		N	NA		
		229	Sulphurets-Mitchell Conveyor Tunnel portals		X	R		Y	forest		
		230	conveyor stockpile		X	R		Y	forest		
		231	conveyor 1 to Sulphurets portal		X	R		Y	forest		
		232	conveyor 2 to Sulphurets portal		X	R		Y	forest		
	Sulphurets Pit	233	Sulphurets Pit crusher		X	R		Y	forest		
		234	Sulphurets Pit	X	X	D		N	NA		
		235	Sulphurets Pit Backfill			X	PR	partial	forest		
		236	Sulphurets Pit drainage collection ditch	X/D				-	NA		
		237	Sulphurets Pit drainage pipeline to Selenium Treatment		X	X	X	N	NA		
		238	Sulphurets Pit drainage pipeline to WSF	X	X	X	X	N	NA		
		239	Sulphurets Pit diversion and collection system		X	X	X	N	NA		
	Kerr rope conveyor	240	Kerr rope conveyor		X	R		Y	forest		
		241	conveyor stockpile		X	R		Y	forest		
	Kerr Pit	242	Kerr Pit access road		X	PR	X	partial	forest		
		243	Kerr Pit snow storage		X	R		Y	forest		
		244	Kerr Pit crusher		X	R		Y	forest		
		245	Kerr Pit		X	D		N	pit lake		
		246	South Kerr Pit Lake			X	X	N	NA		
		247	Kerr Pit dewatering pipeline		X	X	X	N	NA		
	Camp 2: Ted Morris Camp	248	Camp 2: Ted Morris Camp	X/R				Y	forest		
		249	Camp 2 equipment and material storage yard	X/R				Y	forest		
		250	Camp 2 helipad	X/R				Y	forest		
		251	Camp 2 incinerator	X/R				Y	forest		
		252	Camp 2 septic field	X/R				Y	forest		
		Explosives Manufacturing Facility	253	Sulphurets Valley access road	X	X	PR	X	partial	forest	
	254		Sulphurets bridge	X	X	X	X	N	NA		
	255		initial construction borrow and spoil area	X	X	R		Y	forest		
	256		secondary construction borrow and spoil area			X/R		Y	forest		
	257		closure cover borrow and till storage areas	X	X	X/R		Y	forest		
	258		secondary closure cover borrow and till storage area		X	X/R		Y	forest		
	259		explosives access road	X	X	R		Y	forest		
	260		explosives magazine	X	X	R		Y	forest		
	261		AN Prill Storage access road	X	X	R		Y	forest		
	262		AN prill storage area	X	X	R		Y	forest		
263	Explosives Manufacturing Facility		X	X	R		Y	forest			
Temporary Frank Mackie Glacier Access Route	264	Temporary Frank Mackie Glacier access route	X/D				N	NA			
Camp 1: Granduc Staging Camp	265	Camp 1: Granduc Staging Camp	X				N	NA			
	266	Camp 1 helipad	X				N	NA			
	267	Camp 1 equipment and material storage yard	X				N	NA			
	268	Camp 1 septic field	X				N	NA			
Processing and Tailing Management Area (PTMA)	Mitchell-Treaty Twinned Tunnels (MTT)	269	Mitchell-Treaty Conveyor Tunnel	X	X	X	X	N	NA		
		270	Mitchell-Treaty Transportation Tunnel	X	X	X	X	N	NA		
		construction access adit	271	construction access portal	X	X	X	X	N	NA	
			272	Adit Temporary Water Treatment 9	X	D			N	NA	
			273	Adit TWT - unlined muck pad	X	D			N	NA	
			274	Adit TWT - sediment control pond	X	D			N	NA	
			275	Adit TWT - lined muck pad	X	D			N	NA	
			276	Adit TWT - collection sump	X	D			N	NA	
			277	Adit TWT - diversion ditch	X	D			N	NA	
			278	Treaty Adit road	X	X	X	X	N	NA	
	279	cable buried under road	X	D			N	NA			
	280	tunnel muck drainage pipeline buried under road	X	D			N	NA			
Mitchell-Treaty Saddle Area	281	Saddle portal	X	X	X	X	N	NA			
	282	Saddle wash plant	X	R			Y	grass/shrub			
	283	Saddle helipad	X	R			Y	grass/shrub			
	284	Saddle Temporary Water Treatment 4	X	R			Y	grass/shrub			
	285	Saddle TWT - lined muck pad	X	R			Y	grass/shrub			
	286	Saddle TWT - unlined muck pad	X	R			Y	grass/shrub			
	287	Saddle TWT - temporary treatment plant	X	R			Y	grass/shrub			
	288	Saddle TWT - sediment control ponds	X	R			Y	grass/shrub			
	289	Saddle TWT - diversion ditch	X	R			Y	grass/shrub			
290	Saddle fueling station and tank farm	X	R			Y	grass/shrub				
291	Saddle laydown area	X	R			Y	grass/shrub				

X = the project component is active during that project phase.

- = the project component is encompassed by another feature and the reclamation objective is indicated in the row for the other project feature.

R/reclaim = shows the project phase where reclamation of the component occur.

PR/partial reclaim = shows the project phase where partial reclamation of the component occurs; in some cases the feature is totally reclaimed but remains in place (e.g., dams).

D/decom = shows the phase of the project where the component is decommissioned, but not reclaimed.

**Appendix 9-I. Geohazards Scoping Table**

Project Region	Project Area	ID #	Project Component	Phase				Reclamation (Y/partial/N)	Closure Objective	Decrease Terrain Stability	
				Construction	Operation	Closure	Post-Closure				
Processing and Tailing Management Area (PTMA)	Mitchell-Treaty Saddle Area (cont'd)	292	Saddle explosives magazine	X	R			Y	grass/shrub		
		293	construction generator	X	R			Y	grass/shrub		
		294	Treaty Saddle road	X	X	X	X	N	NA		
		295	Treaty Saddle road borrow areas	X	R			Y	grass/shrub		
		296	Treaty Saddle road waste areas	X	R			Y	grass/shrub		
		297	Treaty Saddle road till stockpiles	X	R			Y	grass/shrub		
		298	Camp 6 incinerator	X	R			Y	grass/shrub		
	Camp 6: Treaty Saddle Camp	299	Camp 6 helipad	X	R			Y	grass/shrub		
		300	Camp 6: Treaty Saddle Camp	X	R			Y	grass/shrub		
		301	Camp 6 equipment and material storage yard	X	R			Y	grass/shrub		
		302	Camp 6 septic field	X	R			Y	grass/shrub		
	Camp 5: Treaty Plant Camp	303	Camp 5: Treaty Plant Camp	X	R			Y	grass/shrub		
	Treaty Operating Camp	304	water supply well	X	X	X	X	N	NA		
		305	construction explosives storage	X/R				Y	grass/shrub		
		306	water pipeline	X	X	X	X	N	NA		
		307	water supply well access road	X	X	X	X	N	NA		
		308	Treaty operating camp incinerator	X	X	X	X	N	NA		
		309	Treaty operating camp	X	X	PR	X	partial	grass/shrub		
		310	Treaty operating camp septic field	X	X			-	NA		
	Treaty Ore Preparation Complex	311	Temporary Water Treatment 8	X	R			Y	grass/shrub		
		312	TWT 8 - unlined muck pad	X	R			Y	grass/shrub		
		313	TWT 8 - sediment control pond	X	R			Y	grass/shrub		
		314	MTT process plant portal	X	X	X	X	N	NA		
		315	MTT portal laydown area	X	X/R			Y	grass/shrub		
		316	Treaty runoff collection channel	X	X	X	R	Y	grass/shrub		
		317	Treaty helipad	X	X	R		Y	grass/shrub		
		318	Treaty construction laydown area	X	R			Y	grass/shrub		
		319	Treaty waste management facilities	X	X	R		Y	grass/shrub		
		320	Treaty warehouse and warehouse pad	X	X	R		Y	grass/shrub		
		321	Treaty maintenance shop	X	X	R		Y	grass/shrub		
		322	Treaty lab	X	X	R		Y	grass/shrub		
		323	CIL Plant	X	X	R		Y	grass/shrub		
		324	substation 1	X	X	X	X	N	NA		
		325	25 kV transmission line	X	X	X	X	N	NA		
		326	Treaty Process Plant	X	X	R		Y	grass/shrub		
		327	TWT 10 - sediment control pond	X	X	X	R	Y	grass/shrub		
		328	TWT 10 - collection ditch and pipeline	X	R			Y	grass/shrub		
		329	High Pressure Grinding Rolls (HPGR) Mill	X	X	R		Y	grass/shrub		
		330	Treaty OPC fine ore stockpile		X	R		Y	grass/shrub		
		331	Treaty OPC stormwater runoff pipeline		X	X	R	Y	grass/shrub		
		332	Treaty OPC coarse ore stockpile		X	R		Y	grass/shrub		
		333	Treaty SEC Crusher Building	X	X	R		Y	grass/shrub		
		334	Treaty office complex	X	X	X	X	N	NA		
		335	Treaty ambulance building	X	X	X	X	N	NA		
		336	container storage area	X	X	R		Y	grass/shrub		
	337	cold storage	X	X	R		Y	grass/shrub			
	338	Treaty CSCF/landfarm/landfill	X	X	X	R	Y	grass/shrub			
	339	Treaty OPC Batch Plant stockpile	X	X	R		Y	grass/shrub			
	340	Treaty OPC Batch Plant	X	X	R		Y	grass/shrub			
	341	Treaty fuel storage	X	X	R		Y	grass/shrub			
	342	Treaty OPC access road	X	X	R		Y	grass/shrub			
	343	Treaty OPC site collection and diversion ditches	X	X	X	R	Y	grass/shrub			
	344	Treaty Administration Building	X	X	X	X	Y	grass/shrub			
	Concentrate Storage and Loadout	345	concentrate storage and loadout area		X	R		Y	grass/shrub		
	North Cell Tailing Management Facility	346	North Cell till stockpile	X	X	R		Y	grass/shrub		
		347	North Cell soil storage area	X	X	R		Y	grass/shrub		
		348	TWT 11 - sediment control pond	X	X	X	R	Y	grass/shrub		
		349	TWT 11 - collection ditch and pipeline	X	X	X	R	Y	grass/shrub		
		350	TWT 9 - sediment control pond	X	X	R		Y	forest		
		351	TWT 9 - pipeline	X	X	R		Y	forest		
		352	North Cell seepage collection dam	X	PR	X	X	partial	grass/shrub		
		353	North Cell seepage collection dam spillway	X	X	X	X	N	NA		
		354	North Cell seepage collection pond	X	X	X	X	N	pond/wetland		
		355	North Cell seepage reclaim pipeline	X	X	X	X	N	NA		
		356	North Cell construction berms and sediment fences	X/D				-	NA		
		357	North Cell starter dam	X/-				-	NA		
		358	North dam construction pipeline and cofferdam	X/D				-	NA		
		359	North Cell dam	X	PR	X	R	partial	grass/shrub		
		360	North Cell borrow area	X/D				-	NA		
		361	North Cell quarry	X/D				-	NA		
		362	North Cell waste pile	X/D				-	NA		
		363	North Cell construction access road and transmission line	X/D				-	NA		
		364	North Cell		X/PR	X	R	Y	forest		
		365	North Cell closure pond		X	PR		Y	pond/wetland		
		366	reclaim barge		X	D		-	NA		
		367	gravel beach cover		X	X	R	Y	wetland		
		368	pump house with potential clarification system	X	X	X		-	NA		
		369	Northwest Diversion	X	X	X	R	Y	forest		
		370	TMF Discharge Pipeline	X	X	X	D	N	NA		
		East Catchment Diversion	371	East Catchment diversion tunnel portal access road	X	X	X	X	Y	forest	
			372	East Catchment diversion tunnel portal		X	R		Y	forest	
			373	northeast buried pipeline	X	X	X	R	N	NA	
374			northeast service road	X	X	X	R	Y	forest		
375	northeast diversion ditch		X	X	X	PR	Y	forest			
376	East Catchment diversion tunnel phase 1		X	X	D		N	NA			
377	East Catchment diversion tunnel phase 2			X	X	D	N	NA			
378	East Catchment diversion dam		X	PR	X	R	Y	grass/shrub			
379	East Catchment diversion dam spillway		X	X	X	R	Y	grass/shrub			
380	East Catchment diversion pond		X	X	X	R	Y	grass/shrub			
381	TWT 13 - sediment control pond		X	R			Y	grass/shrub			
382	Upper East Catchment diversion dam		X	PR	X	R	Y	grass/shrub			
383	Upper East Catchment diversion pond		X	X	X	R	Y	grass/shrub			
384	Upper East Catchment diversion dam spillway		X	X	X	R	Y	grass/shrub			
385	TWT 12 - sediment control pond		X	R			Y	grass/shrub			

X = the project component is active during that project phase.

- = the project component is encompassed by another feature and the reclamation objective is indicated in the row for the other project feature.

R/reclaim = shows the project phase where reclamation of the component occur.

PR/partial reclaim = shows the project phase where partial reclamation of the component occurs; in some cases the feature is totally reclaimed but remains in place (e.g., dams).

D/decom = shows the phase of the project where the component is decommissioned, but not reclaimed.

**Appendix 9-I. Geohazards Scoping Table**

Project Region	Project Area	ID #	Project Component	Phase				Reclamation (Y/partial/N)	Closure Objective	Decrease Terrain Stability
				Construction	Operation	Closure	Post-Closure			
Processing and Tailing Management Area (PTMA)	Centre Cell Tailing Management Facility	386	Centre Cell borrow area	X/D				-	NA	
		387	Splitter starter dam	X				-	NA	
		388	Splitter dam construction pipeline and cofferdam	X/D				-	NA	
		389	Splitter dam	X	X	PR	R	Y	forest	
		390	CIL Lined Pond		X	X	R	Y	pond/wetland	
		391	reclaim barges (x2)		X	X	D	-	NA	
		392	Saddle starter dam	X				-	NA	
		393	Saddle dam construction diversion	X/D				-	NA	
		394	Saddle dam construction southern diversion	X/D				-	NA	
		395	Saddle dam construction diversion access road	X/D				-	NA	
		396	Saddle seepage dam construction access road	X/D				-	NA	
		397	Saddle dam	X	X	PR	R	Y	forest	
		398	Saddle seepage collection pond	X	X/D			-	NA	
		399	Saddle seepage collection dam spillway	X	X/D			-	NA	
		400	Saddle seepage collection dam	X	X/D			-	NA	
		401	Saddle dam collection ditch	X/D				-	NA	
		402	TWT 14 - sediment control pond	X/D				-	NA	
		403	TWT 14 - pipeline	X/D				-	NA	
		404	Saddle seepage reclaim pipeline	X	X/D			-	NA	
		405	post-closure pond				X/PR	Y	pond/wetland	
		406	post-closure gravel beach cover				X/R	Y	wetland	
		407	post-closure cell				R	Y	forest	
		408	Southeast service road	X	X	X	R	Y	forest	
		409	Southeast diversion ditch	X	X	X	R	Y	forest	
		410	South Cell quarry sediment fence		X/D			-	NA	
		411	South Cell quarry		X/D			-	NA	
		412	South Cell quarry construction berm		X/D			-	NA	
		413	North Treaty lower road	X	X/D			-	NA	
		414	South Cell		X	PR	R	Y	forest	
		415	South Cell pond		X			-	NA	
		416	South Cell closure pond				X/PR	Y	pond/wetland	
		417	gravel beach cover			X	R	Y	wetland	
		418	reclaim barge		X	X	D	-	NA	
	419	southeast dam		X/PR	X	R	Y	grass/shrub		
	420	southeast starter dam		X			-	NA		
	421	southeast dam diversion ditch		X	X	X	N	NA		
	422	South Cell seepage reclaim pipeline		X	X	X	N	NA		
	423	South Cell borrow area		X/R			Y	grass/shrub		
	424	TWT 15 - sediment control structure		X/R			Y	grass/shrub		
	425	TWT 15 - pipeline		X/R			Y	grass/shrub		
	426	Treaty Creek closure spillway			X	X	N	NA		
	427	southeast seepage collection dam		X	PR	X	partial	forest		
	428	southeast seepage collection pond		X	X	X	N	pond/wetland		
	429	southeast seepage collection dam spillway		X	X	X	N	NA		
	430	southeast seepage collection dam construction access road		X	X	X	N	NA		
	431	South Cell soil storage area		X	R		Y	forest		
	432	North Treaty upper road	X	X	X	X	N	NA		
	433	Treaty Creek Transmission Line	X	X	X	X	N	NA		
	434	southwest diversion ditch	X	X	X	PR	partial	forest		
	435	TCAR channel armouring and diversion dams	X	PR	X	X	partial	grass		
	436	southwest diversion access road	X	X	X	X	N	NA		
	437	Treaty Creek access road (TCAR)	X	X	X	X	N	NA		
	438	TCAR borrow areas	X	R			Y	forest		
	439	TCAR waste areas	X	R			Y	forest		
	440	TCAR log landings	X	R			Y	forest		
	441	creek crossing R053	X	X	X	X	N	NA		
	442	creek crossing R049	X	X	X	X	N	NA		
	443	creek crossing R047	X	X	X	X	N	NA		
	444	North Treaty Creek bridge (R045)	X	X	X	X	N	NA		
	445	creek crossing R037	X	X	X	X	N	NA		
	446	creek crossing R038	X	X	X	X	N	NA		
	447	creek crossing R036	X	X	X	X	N	NA		
	448	creek crossing R035	X	X	X	X	N	NA		
	449	creek crossing R034	X	X	X	X	N	NA		
	450	Bell-Irving River bridge (R033)	X	X	X	X	N	NA		
	451	Camp 11: Treaty Marshalling Yard Camp	X	R			Y	forest		
	452	Camp 11 Treaty marshalling yard	X	R			Y	forest		
	453	Camp 11 incinerator	X	R			Y	forest		
454	Camp 12: Highway 37 Construction Camp	X/R				Y	forest			
455	Camp 12 incinerator	X/R				Y	forest			
456	Highway 37	X	X	X	X	N	NA			
457	Highway 37A	X	X			N	NA			

**X = the project component is active during that project phase.**

**- = the project component is encompassed by another feature and the reclamation objective is indicated in the row for the other project feature.**

**R/reclaim = shows the project phase where reclamation of the component occur.**

**PR/partial reclaim = shows the project phase where partial reclamation of the component occurs; in some cases the feature is totally reclaimed but remains in place (e.g., dams).**

**D/decom = shows the phase of the project where the component is decommissioned, but not reclaimed.**