APPENDIX 7-D AIR QUALITY SCOPING TABLE



Popied Date 10 Popied Date				Phase				Change in Ambient Air Quality					
Curp 2 Lisas States 1 Same Directors 5 R	4 Passian Project Area	ID#	Project Component	onstruction	peration	losure	ost-Closure		Cleaure Objective	nstruction	eration		
Company						ပ	4	(Y/partiai/N)	•		0		
2			•					т У					
A	Camp		·					•					
Carry 2 - Ulush North Carry 2 - Ulush North Carry 2 - Ulush No			· · · · · · · · · · · · · · · · · · ·					•				• • • • • • • • • • • • • • • • • • • •	
Camp P. Links North Camp P. Links North Teach P. Links Camp P. Links C			· · · · · · · · · · · · · · · · · · ·					·					
Camp Figure Camp	Comp 7: Upul North	-				1		•				Construction of comp will include land clearing, sail stripping and debris	
8		7				1		·		ļ			
Description	Camp	- /	·			1		·					
Camp Camp Sequence Camp Camp Sequence Camp			·					•		ł		- · · · · · · · · · · · · · · · · · · ·	
Carp B. Link South 11			·										
Cerup 12	Comp 8: Unul South							·				Construction of compatible include land clearing, soil stripping and	
13	•		·			1		•					
14 Carry & Unuk South Camps	Camp												
Coulter Creek Access Country Experiment Country								'					
Coulier Creek Access road							1					√	
Condex (CCAC) 17	Coulton County Assess		<u> </u>			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \						Construction of the used and haiden structures will include to	
16 CCAC value areas						X	K	·			Х		
19	Corndor (CCAC)					ļ				1			
20													
Common Conting Conti								·					
2			9					•	,	 		protection. Quarries and borrow pits may be required. Quarried rock ma	
22						_			,			be crushed for use as surfacing material. Maintenance activities include	
24 creek crossing CO2P4			· ·						·	Х		grading, resurfacing, cleaning of ditches and culverts, inspecting bridges	
25			5 ()			_		•	forest/riparian	Х	X		
26			· ·					·	forest/riparian	Х	X		
27 creek crossing CAS2			<u> </u>						forest/riparian	Х	Х		
28 avalenche control structures (km 26/29) X X X X X X X X X				Х	Х	Х	R	Υ	forest/riparian	X	X		
29		27	creek crossing C042	Х	Х	Х	R	Υ	forest/riparian	X	X		
Mitchell Operating Camp Size		28	avalanche control structures (km 26-29)	Х	Х	Х	D	N	NA	Х	X		
Mitchell Operating Camp 31 Mitchell operating camp X X X PR X NA X X Construction of camp will include land clearing, soil stripping and all operating camp helipad X<		29	Gingras Creek bridge (C011)	X	Х	Х	R	Υ	forest	Х	Х		
32 Mitchell operating camp helipad		30	Mitchell Creek bridge (C007) (33.5 m)	Х	Х	Х	Х	N	NA	Х	Х		
McTagg Rock Storage Facility (RSF)	Mitchell Operating Camp	31	Mitchell operating camp	X	Х	PR	Х	partial	forest	Х	Х	Construction of camp will include land clearing, soil stripping and del burning, foundation preparing, buildings and laydown area constructing Power generator, waste incinerators and various equipment will be	
McTagg Rock Storage Facility (RSF)		32	Mitchell operating camp helipad	Х	Х	Х	Х	N	NA	Х	X		
McTagg Rock Storage 35 McTagg Creek bridge X		33	Mitchell operating camp incinerator	X	X	Х	Х	N	NA	Х	X		
Facility (RSF) 36		34	Mitchell operating camp septic field	Х	Х	Х	Х	N	NA	Х	X	operated.	
37 McTagg RSF snow storage		35	McTagg access road	Х	D			-	NA	Х		Construction of the road and rock storage facility include land clearing,	
38	Facility (RSF)	36	McTagg Creek bridge	X	D			-	NA	Х		stripping and debris burning, foundation preparing, and equipment and	
West McTagg operation channel - North 40 West McTagg operation channel - South 41 West McTagg closure channel 42 West McTagg access road 43 East McTagg obsure channel access road 44 North McTagg Diversion Channel 45 McTagg Diversion Channel 46 McTagg Diversion access road 47 X X X N N NA 48 McTagg Diversion access road 48 McTagg Diversion access road 49 McTagg Diversion access road 40 McTagg Diversion access road 41 North McTagg Diversion access road 42 X X X N N NA 43 East McTagg Diversion access road 44 North McTagg Diversion access road 45 McTagg Diversion access road 46 McTagg Diversion access road 47 X X X N N NA 48 McTagg Diversion access road 49 McTagg Diversion access road 40 McTagg Dive		37	McTagg RSF snow storage		Х	D		-	NA		х		
A		38	McTagg RSF		Х	PR		partial	forest		Х		
Most McTagg operation channel - South		39		İ	Х			-	NA		х	seepage and runoff.	
Mest McTagg closure channel		40			Х			-	NA		х	1	
## East McTagg closure channel and access road ## X X X N N NA X X Construction of the infrastructure will involve land clearing, so rock excavating, avalanche management preparing, ventilation for the infrastructure will involve land clearing, so rock excavating, avalanche management preparing, ventilation installing, and development rock removing. This includes divergent for the infrastructure will involve land clearing, so rock excavating, avalanche management preparing, ventilation installing, and development rock removing. This includes divergent for the infrastructure will involve land clearing, so rock excavating, avalanche management preparing, ventilation installing, and development rock removing. This includes divergent for the infrastructure will involve land clearing, so rock excavating, avalanche management preparing, ventilation installing, and development rock removing. This includes divergent for some installing, and development rock removing. This includes divergent for some installing, and development rock removing. This includes divergent for some installing, and development rock removing. This includes divergent for some installing, and development rock removing. This includes divergent for some installing, and development rock removing. This includes divergent for some installing, and development rock removing. This includes divergent for some installing, and development rock removing. This includes divergent for some installing, and development rock removing. This includes divergent for some installing, and development rock removing. This includes divergent for some installing, and development rock removing. This includes divergent for some installing and development rock removing. This includes divergent for some installing and development rock removing. This includes divergent for some installing and development rock removing. This includes divergent for some installing and development rock removing. This includes divergent for some installing and development rock removing. This includes		41	West McTagg closure channel			Х	Х	N	NA				
McTagg Twinned 44 North McTagg Diversion Channel X X X X N N NA X Construction of the infrastructure will involve land clearing, so places in Tunnels (MTDT) 45 McTagg phase 3 flood outlet X X X X N N NA X Construction of the infrastructure will involve land clearing, so rock excavating, avalanche management preparing, ventilative 47 McTagg phase 2 flood outlet X/R Y forest X installing, and development rock removing. This includes divergent 48 McTagg phase 1 flood outlet X/R Y forest X installing, and development rock removing. This includes divergent 49 Temporary Water Treatment (TWT) 2 X/R Y forest X installing, and development rock removing. This includes divergent 49 Temporary Water Treatment (TWT) 2 X/R Y forest X installing, and development rock removing. This includes divergent 49 Temporary Water Treatment (TWT) 2 X/R Y forest X installing, and development rock removing. This includes divergent 49 Temporary Water Treatment (TWT) 2 X/R Y forest X Installing, and development rock removing. This includes divergent 49 Temporary Water Treatment pond 40 X/R Y forest X Installing, and development rock removing. This includes divergent 49 Temporary Water Treatment pond 40 X/R Y forest X Installing, and development rock removing. This includes divergent 40 X/R Y forest X Installing, and development rock removing. This includes divergent 40 X/R Y forest X Installing, and development rock removing. This includes divergent 40 X/R Y forest X Installing, and development rock removing. This includes divergent 40 X/R Y forest X Installing, and development rock removing. This includes divergent 40 X/R Y forest X Installing, and development rock removing. This includes divergent 40 X/R Y forest X Installing, and development rock removing. This includes divergent 40 X/R Y forest X Installing, and development rock removing. This includes divergent 40 X/R Y forest X Installing, and development rock removing the forest X X Installing, and development rock removing the forest X X X X X X X X X X X X X X X X X X X		42	West McTagg access road		Х	Х	Х	N	NA		Х]	
McTagg Twinned Diversion Tunnels (MTDT) 45 McTagg phase 3 flood outlet 46 McTagg phase 3 flood outlet 47 McTagg phase 2 flood outlet 48 McTagg phase 2 flood outlet 49 McTagg phase 1 flood outlet 49 McTagg phase 1 flood outlet 49 Temporary Water Treatment (TWT) 2 49 Temporary Water Treatment (TWT) 2 49 Temporary Water Treatment (TWT) 2 40 TWT 2 - sediment control pond 41 TWT 2 - unlined muck pad 42 TWT 2 - diversion ditch 43 McTagg phase 3 flood outlet 44 Temporary Water Treatment (TWT) 2 45 McTagg phase 3 flood outlet 46 McTagg phase 2 flood outlet 47 McTagg phase 2 flood outlet 48 McTagg phase 2 flood outlet 49 Temporary Water Treatment (TWT) 2 49 Temporary Water Treatment (TWT) 2 49 Temporary Water Treatment (TWT) 2 40 TwT 2 - sediment control pond 40 Temporary Water Treatment (TWT) 2 41 TwT 2 - unlined muck pad 42 TwT 2 - diversion ditch 43 McTagg phase 3 flood outlet 44 TwT 2 - unlined muck pad 45 McTagg Twinned Diversion Tunnels 46 McTagg phase 3 flood outlet 47 McTagg phase 2 flood outlet 48 McTagg phase 3 flood outlet 49 Temporary Water Treatment (TWT) 2 40 Temporary Water Treatment (TWT) 2 41 TwT 2 - unlined muck pad 42 TwT 2 - diversion ditch 43 TwT 2 - diversion ditch 44 TwT 2 - unlined muck pad 45 TwT 2 - diversion ditch 47 TwT 2 - diversion ditch 48 TwT 2 - diversion ditch 49 TwT 2 - diversion ditch 49 TwT 2 - diversion ditch 40 TwT 2 - diversion ditch 40 TwT 2 - unlined muck pad 41 TwT 2 - unlined muck pad 42 TwT 2 - diversion ditch 43 TwT 2 - unlined muck pad 44 TwT 2 - unlined muck pad 45 TwT 2 - diversion ditch 47 TwT 2 - diversion ditch 48 TwT 2 - unlined muck pad 49 TwT 2 - unlined muck pad 40 TwT 2 - unlined muck pad 40 TwT 2 - unlined muck pad 41 TwT 2 - unlined muck pad 42 TwT 2 - unlined muck pad 43 TwT 2 - unlined muck pad 44 TwT 2 - unlined muck pad 45 TwT 2 - unlined muck pad 46 TwT 2 - unlined muck pad 47 TwT 2 -		43	East McTagg closure channel and access road			Х	Х	N	NA]	
McTagg Twinned Diversion Tunnels (MTDT) 45 McTagg phase 3 flood outlet 46 McTagg phase 3 flood outlet 47 McTagg phase 2 flood outlet 48 McTagg phase 2 flood outlet 49 McTagg phase 1 flood outlet 49 McTagg phase 1 flood outlet 49 Temporary Water Treatment (TWT) 2 49 Temporary Water Treatment (TWT) 2 49 Temporary Water Treatment (TWT) 2 40 TWT 2 - sediment control pond 41 TWT 2 - unlined muck pad 42 TWT 2 - diversion ditch 43 McTagg phase 3 flood outlet 44 Temporary Water Treatment (TWT) 2 45 McTagg phase 3 flood outlet 46 McTagg phase 2 flood outlet 47 McTagg phase 2 flood outlet 48 McTagg phase 2 flood outlet 49 Temporary Water Treatment (TWT) 2 49 Temporary Water Treatment (TWT) 2 49 Temporary Water Treatment (TWT) 2 40 TwT 2 - sediment control pond 40 Temporary Water Treatment (TWT) 2 41 TwT 2 - unlined muck pad 42 TwT 2 - diversion ditch 43 McTagg phase 3 flood outlet 44 TwT 2 - unlined muck pad 45 McTagg Twinned Diversion Tunnels 46 McTagg phase 3 flood outlet 47 McTagg phase 2 flood outlet 48 McTagg phase 3 flood outlet 49 Temporary Water Treatment (TWT) 2 40 Temporary Water Treatment (TWT) 2 41 TwT 2 - unlined muck pad 42 TwT 2 - diversion ditch 43 TwT 2 - diversion ditch 44 TwT 2 - unlined muck pad 45 TwT 2 - diversion ditch 47 TwT 2 - diversion ditch 48 TwT 2 - diversion ditch 49 TwT 2 - diversion ditch 49 TwT 2 - diversion ditch 40 TwT 2 - diversion ditch 40 TwT 2 - unlined muck pad 41 TwT 2 - unlined muck pad 42 TwT 2 - diversion ditch 43 TwT 2 - unlined muck pad 44 TwT 2 - unlined muck pad 45 TwT 2 - diversion ditch 47 TwT 2 - diversion ditch 48 TwT 2 - unlined muck pad 49 TwT 2 - unlined muck pad 40 TwT 2 - unlined muck pad 40 TwT 2 - unlined muck pad 41 TwT 2 - unlined muck pad 42 TwT 2 - unlined muck pad 43 TwT 2 - unlined muck pad 44 TwT 2 - unlined muck pad 45 TwT 2 - unlined muck pad 46 TwT 2 - unlined muck pad 47 TwT 2 -		44	North McTagg Diversion Channel		Х	Х	Х	N	NA		Х		
Diversion Tunnels (MTDT) 46 McTagg phase 3 flood outlet	McTagg Twinned	45		Х	Х	Х	Х	N	NA	х	Х	Construction of the infrastructure will involve land clearing, soil stripping	
47 McTagg phase 2 flood outlet	Diversion Tunnels (MTDT)	46			Х	Х	Х	N	NA		Х	rock excavating, avalanche management preparing, ventilation equipm	
48 McTagg phase 1 flood outlet X R Y forest X 49 Temporary Water Treatment (TWT) 2 X/R Y forest X 50 TWT 2 - sediment control pond X/R Y forest X 51 TWT 2 - unlined muck pad X/R Y forest X 52 TWT 2 - diversion ditch X/R Y forest 53 McTagg Twinned Diversion Tunnels X X X X X N N NA X 55 Phase 3 West McTagg dam 56 Phase 3 West McTagg dam spillway X X X X X N N NA X X X X N N NA X X X X		47			X/R			Y	forest		Х	installing, and development rock removing. This includes diversion ditc	
49 Temporary Water Treatment (TWT) 2 X/R Y forest x 50 TWT 2 - sediment control pond X/R Y forest x 51 TWT 2 - unlined muck pad X/R Y forest x 52 TWT 2 - diversion ditch X/R Y forest x 53 McTagg Twinned Diversion Tunnels X		48		Х				Y	<u> </u>	х		dam facilities, dam spillway, temporary water treatment pond and plant	
50 TWT 2 - sediment control pond X/R Y forest x 51 TWT 2 - unlined muck pad X/R Y forest x 52 TWT 2 - diversion ditch X/R Y forest x 53 McTagg Twinned Diversion Tunnels X X X N NA x 54 Phase 3 West McTagg inlet X X X N NA x 55 Phase 3 West McTagg dam X X X N NA x 56 Phase 3 West McTagg dam spillway X X X N NA X					†			Y				†	
51 TWT 2 - unlined muck pad X/R Y forest x 52 TWT 2 - diversion ditch X/R Y forest					†			•	<u> </u>			†	
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 X 55 Phase 3 West McTagg dam X X X N NA X 56 Phase 3 West McTagg dam spillway X X X N NA X								Y				†	
53 McTagg Twinned Diversion Tunnels X X X X N NA x 54 Phase 3 West McTagg inlet X X X N NA x 55 Phase 3 West McTagg dam X X X N NA x 56 Phase 3 West McTagg dam spillway X X X N NA x			·									1	
54 Phase 3 West McTagg inlet X X X N NA x 55 Phase 3 West McTagg dam X X X N NA x 56 Phase 3 West McTagg dam spillway X X X N NA x					X	Х	Х	·		×			
55 Phase 3 West McTagg dam X X X NA NA X 56 Phase 3 West McTagg dam spillway X X X N NA X										_ ~	х	1	
56 Phase 3 West McTagg dam spillway X X X N NA X													
				-		_				+		-	
57 Phase 3 East McTagg inlet X X X N NA X				-						+		x x	

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

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

				Phase				Change in Amb	pient Air Quality			
ject Region	Project Area	ID#	Project Component	Construction	Operation	Closure	Post-Closure	Reclamation (Y/partial/N)	Closure Objective	Construction	Operation	Activities
e Site	McTagg Twinned	58	Phase 3 East McTagg dam		X	X	X	N N	NA NA	"	×	Activities
	Diversion Tunnels (MTDT)	59	Phase 3 East McTagg dam spillway		Х	Х	Х	N	NA		х	
	(cont'd)	60	Phase 2 McTagg inlet		X/D			_	NA		Х	
		61	Phase 2 McTagg dam		X/D			-	NA		х	
		62	Phase 2 McTagg dam spillway		X/D			-	NA		х	
		63	Phase 1 McTagg dam	X	D			_	NA	х		
		64	Phase 1 McTagg inlet	Х	D			-	NA	х		
		65	Phase 1 McTagg dam spillway	X	D			-	NA	х		
	McTagg Power Plant	66	McTagg penstock tunnel		Х	Х	Х	N	NA		х	Construction of hydroelectric facilities will involve land clearing, soil
	00	67	McTagg penstock		Х	Х	Х	N	NA		х	stripping, access road constructing, equipment and materials hauling, to
		68	McTagg power plant		Х	Х	Х	N	NA		х	site preparing, tower erecting, and conductors, penstock, powerhouse a energy dissipation system installing.
	Mitchell Rock Storage	69	North Slope pipeline	X	D			-	NA	х		Construction includes land clearing, soil stripping, foundation preparing,
	Facility (RSF)	70	North Slope pipeline access road	X	D			-	NA	х		ditching, equipment and material hauling, and diversion water collecting
		71	North Slope diversion ditch		Χ	D		-	NA		х	This includes fuel storage facilities, ore and waste rock stockpiles, dive
		72	North Slope collection ditch		Χ	Х	Х	N	NA		х	ditch, muck pad and water treatment area.
		73	North Slope diversion buried pipeline	X	Х	D		-	NA	х	х	
		74	North Slope diversion ditch access road	X	Х			-	NA	х	х	
		75	Mitchell North closure channel			Х	Х	N	NA			
		76	Upper Mitchell Creek bridge	X	D			-	NA	х		
		77	Mitchell RSF landbridge		X/D			-	NA		х	
		78	Temporary Water Treatment (TWT) 6	X/D				-	NA	х		
		79	TWT 6 - sediment control pond	X/D				-	NA	х		
		80	TWT 6 - lined muck pad	X/D				-	NA	х		
		81	TWT 6 - water treatment plant	X/D				-	NA	х		
		82	TWT 6 - lined pond	X/D				-	NA	х		
		83	TWT 6 - diversion ditch	X/D				-	NA	Х		
		84	TWT 6 - unlined muck pad	X/D				-	NA	Х		
		85	TWT 6 - buried pipeline	X/D				-	NA	Х		
		86	Mitchell RSF pre-production ore stockpile	X				-	NA	х		
		87	Mitchell RSF ore stockpile		X/PR			partial	forest		х	
		88	Mitchell Batch Plant	X	D			-	NA	х		
		89	Mitchell Batch Plant gravel stockpile	X	D			1	NA	Х		
		90	Mitchell RSF snow storage	Х	D			•	NA	х		
		91	Mitchell RSF fuel storage	X	Х	Х	Х	N	NA	х		
		92	Sulphurets waste conveyor 3		Х	D		-	NA		х	
		93	Sulphurets waste conveyor 2		Х	D		•	NA		х	
		94	Sulphurets waste conveyor 1		Х	D		-	NA		х	
		95	Sulphurets waste stockpile		Χ	D			NA		х	
		96	Mitchell RSF	X	Χ	PR		partial	forest	х	Х	
			South Mitchell closure channel and access road			Χ	Х	N	NA		Х	
		98	Mitchell Valley Drainage Tunnel		Х	X/D		N	NA		Х	
	Camp 4: Mitchell North	99	Camp 4: Mitchell North Camp	X/D				-	NA	Х		Construction of camp will include land clearing, soil stripping and debris
	Camp (for MTT	100	Camp 4 helipad	X/D				-	NA	Х		burning, foundation preparing, buildings and laydown area constructing
	construction)	101	Camp 4 incinerator	X/D				-	NA	х		Power generator, waste incinerators and various equipment will be
	Mitchell Ore Preparation Complex (Mitchell OPC)	102	Camp 4 equipment and material storage yard	X/D				-	NA	Х		operated.
		103	Camp 4 septic field	X/D				-	NA	х		
		104	Mitchell OPC	X	Х	PR		Υ	grass	Х	Х	Construction activities include land clearing, soil stripping, laydown area
		105	MTT west portal	X	Х			-	NA	Х	Х	constructing, foundation preparing, snow storage installing, ditching,
			MTT closure portal			Χ	Х	N	NA			material hauling avalanche management preparing, building erecting, a
			substation 2	X	Х			-	NA	Х	Х	equipment and stockpile storage installing. Activities in this area involvering and transferring by conveyors
		108	Closure substation			Χ	Х	N	NA			primary crushing and transferring by conveyors.
			25 kV transmission lines	X	Х	Χ	Х	N	NA	х	Х	
		110	Mitchell OPC ore stockpile	X	Х	R		Y	grass	х	х	
		111	TWT 4 - sediment control pond	X/D				-	NA	х		
		112	Mitchell OPC Primary Crusher	X	Х	D		-	NA	Х	Х	
			Mitchell OPC snow storage		Х	R		Υ				

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

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

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

			Phase			<u> </u>	Change in Amb	iont Air Quality				
					PII	ase	ө				ient Air Quanty	
				struction	5		losure			ctio	Ē	
				ţ	Operatio	2	ဗ္ဗ			tra	atio	
				Cons	per	Closure	Post-Cl	Reclamation		Cons	per	
Project Region	Project Area	ID#	Project Component					(Y/partial/N)	Closure Objective		do	Activities
Mine Site	Mine Site Avalanche	114	fixed avalanche initiation exploders	X	X	X	X	N	NA NA	X	X	Construction includes land clearing, soil stripping, rock excavating, and
	Control	115 116	fixed avalanche support structure	X	X	X	X	N N	NA NA	X	X	other support structure constructing.
	Iron Cap Block Cave Mine	117	fixed avalanche support structure access road Iron Cap Underground Works	^	X	X D	^	N	NA NA	X	X X	Construction includes land clearing, soil stripping, rock excavating,
	IIOII Cap Block Cave Willie	118	Iron Cap underground access ramp		X	D		N	NA NA		X	avalanche management preparing, ventilation equipment installing,
		119	Iron Cap conveyor 3		X	D		N	NA NA		X	development rock removing and collection, seepage water treating, sludge
		120	Iron Cap conveyor 2		X	D		N	NA NA		X	collecting and glacier water collection system excavating.
		121	Iron Cap conveyor 1		Х	D		N	NA		Х	
		122	Iron Cap surface disturbance		Х	Х	Х	N	NA		х	
		123	Iron Cap return air portal		Х	Х	Х	N	NA		х	
		124	Iron Cap ventilation tunnels		Х	D		N	NA		Х	
		125	Iron Cap fresh air portals (x2)		Х	D		N	NA		Х	
	Mitchell Pit	126	Mitchell Pit north wall dewatering adits		Х	D		N	NA		X	This is a conventional open pit with mining methods including drilling,
		127	Mitchell Pit haul road		Х	R		N	grass		Х	blasting, loading, and hauling. Mining activities will be conducted 24 hours
		128	Mitchell Pit closure dam			X	X	N	NA NA			per day and 365 days per year. Pre-production ore is stockpiled. Maintenance of haul roads, avalanche management and pit walls is
		129	Mitchell Pit closure dam spillway			X	X	N	NA NA			required during operation.
		130 131	Mitchell Pit Lake discharge pipe Mitchell Pit pre-production ore stockpile	X		Х	Х	N -	NA NA	x		
		132	Mitchell Pit	X	Х	D		- N	pit lake	X	x	
		133	Mitchell Pit Lake	^		X	Х	N	NA	^	^	
		134	Mitchell Pit North diversion ditch		Х	X/D		N	NA NA		х	
		135	Mitchell Pit East diversion ditch		X	X/D		N	NA NA		X	
		136	Mitchell Pit South diversion ditch		X	X/D		N	NA		X	
	Mitchell Block Cave Mine	137	Mitchell Underground Works		Х	D		N	NA		Х	Construction involves land clearing, soil stripping, rock excavating,
		138	Mitchell surface disturbance		Х	Х	Х	N	NA		х	ventilation equipment installing, development rock removing, seepage water
		139	Mitchell underground access portal		Х	D		N	NA		х	collecting and treating (if necessary), and sludge collecting and disposing.
		140	Mitchell underground access ramp		Х	D		N	NA		Х	
		141	Mitchell underground conveyor tunnel portal		Х	D		N	NA		Х	
		142	Mitchell underground conveyor		Х	D		N	NA		X	
		143	Mitchell underground fresh air raises (x2)		X	D		N	NA		Х	
		144	Mitchell underground return air raises (x2)		X	D		N	NA NA		X	
	Mitchell Diversion Tunnels	145 146	Mitchell underground drainage tunnels	X	Х	D		N	NA NA	,	Х	Construction includes land electing soil attinging real everyating
	(MDT)	147	Mitchell diversion contact water ditch North Mitchell Glacier collection ditch	X	Х	Х	Х	- N	NA NA	X	x	Construction includes land clearing, soil stripping, rock excavating, avalanche management preparing, development rock removing, seepage
	(MDT)	148	North Mitchell Glacier collection ditch access road	X				-	NA NA	X	^	water treating (if necessary), sludge collecting and disposing, and glacier
		149	North Mitchell Glacier access road	X	Х	Х	Х	N	NA NA	^	Х	water collection system excavating.
		150	Mitchell diversion phase1 surface inlet	X	Х			-	NA	х	X	
		151	Mitchell Diversion Tunnel access	Х	Χ	Х	Х	N	NA	х	Х	
		152	Mitchell diversion phase 2 surface inlet		Х	D		N	NA		х	
		153	South Mitchell Glacier slope contact water collection ditch			Х	Х	N	NA			
		154	Mitchell flood overflow drainage tunnel	Х	Х	Х	Х	N	NA	х		
		155	Mitchell Diversion access road	Х				-	NA	х		
		156	open pit phase sub-glacial inlet	X	Х	Х	Х	N	NA	х	Х	
		157	underground phase sub-glacial inlet		Х	Х	Χ	N	NA		X	
		158	Temporary Water Treatment 5	X/D				-	NA NA	X		
		159	TWT 5 - lined muck pad	X/D				-	NA NA	X		
		160	TWT 5 - unlined muck pad	X/D X/D				-	NA NA	X		
		161 162	TWT 5 - sediment control pond TWT 5 - diversion ditch	X/D X/D				-	NA NA	X		-
		163	Open Pit Phase Mitchell Diversion Tunnel	X/D X	Х	Х	Х	- N	NA NA	X		1
		164	Underground Phase Mitchell Diversion Tunnel	^	X	X	X	N	NA NA	^	x	
		165	Temporary Water Treatment 3	X/R				Y	forest	х	^	1
		166	TWT 3 - unlined muck pad	X/R				Y	forest	x		
		167	TWT 3 - lined muck pad	X/R				Y	forest	x		1
		168	TWT 3 - water treatment facility	X/R				Y	forest	X		1
		169	TWT 3 - sediment control pond	X/R				Y	forest	х		
		170	TWT 3 - diversion ditch	X/R				Y	forest	х		
74 41 1 4	omponent is active during		. .			•						

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					PI	hase					Change in Amb	ient Air Quality	
				struction	Operation	Closure	9 17 0	Post-Closure	Reclamation		ıstruction	Operation	
gion	Project Area	ID#	Project Component	Con	ď	6	3	မိ	(Y/partial/N)	Closure Objective	Con	ďc	Activities
	Mitchell Diversion Tunnels	171	MDT temporary diversion construction road	X	R			_	Y	forest	x		
	(MDT) (cont'd)	172	rock cut stepped spillway	X	Х	>	X	Χ	N	NA	х	Х	
		173	underground phase outlet portal		Х	>		Χ	N	NA		Х	
		174	Mitchell Diversion outlet access road	X	Х	· >		Х	N	NA	х	X	
-	Upper Sulphurets Power	175	surface penstock on pillars	X	X	, >		X	N	NA	x	~	Construction of hydroelectric facilities will involve land clearing, so
	Plant	176	penstock buried in road bed	X	X	· >		Х	N	NA	X		stripping, access road constructing, equipment and materials haul
		177	Upper Sulphurets Power Plant access road	X	X	,		X	N	NA NA	X	х	site preparing, tower erecting, and conductors, penstock, powerho
	H	178	Upper Sulphurets Power Plant	X	X	<u> </u>	_	Х	N	NA	x		energy dissipation system installing.
-	Mitchell Truck Shop	179	Mitchell Truck Shop	X	X	F		^	Y	forest	x	Х	The truck shop construction involves land clearing, soil stripping,
	mineries Track Chep	110	The reaction of the reaction o						·	101001	^	^	preparing, ditching, culverts and pipes installing, materials hauling building erecting.
7	Water Storage Facility	180	WSF bypass buried pipeline	X	Х	>	X	Χ	N	NA	х	Х	Construction includes land clearing, soil stripping, foundation prep
	(WSF)	181	WSF snow storage		Х)		N	NA		х	ditching, equipment and material hauling, avalanche managemen
	-	182	WSF borrow pits	X	1				-	NA	х		preparing and earth filling. Monitoring water levels and quality, ma
	<u> </u>	183	water storage pond	X	Х	>	X	Х	N	NA	х		inflow diversions, spillway, and diversion maintenance are require
	<u> </u>	184	buried HDPE lined penstock	X	Х	>	_	Х	N	NA	х	х	7
	<u> </u>	185	lined pumping header pond	Х	Х	>		Х	N	NA	х	х	7
	<u> </u>	186	downstream rockfill quarry area	X	Х		₹		Υ	forest	х	х	7
		187	Selenium Treatment Plant		Х	>		Х	N	NA		X	7
		188	WSF diversion tunnel	Х	Х	>		Χ	N	NA	х		
		189	Temporary Water Treatment 7	X/R					N	NA	х		
	_	190	WSF construction access road	X/D					-	NA	х		7
		191	WSF construction cofferdams	X/D					-	NA	х		
	_	192	Water Storage dam (WSD)	X	PR	>	X	Χ	Υ	forest	х	х	7
		193	WSD west lower seepage interception tunnel	Х	Х	>		Χ	N	NA	х	Х	
		194	WSD west upper seepage interception tunnel	Х	Х	>		Χ	N	NA	х	Х	
		195	WSD east lower seepage interception tunnel	Х	Х	>	X	Χ	N	NA	х	Х	
		196	WSD east upper seepage interception tunnel	Х	Х	>	X	Χ	N	NA	х	х	
		197	WSD southeast seepage interception tunnel	Х	Х	>	Χ	Χ	N	NA	х	Х	
		198	WSD southwest seepage interception tunnel	Х	Х	>	X	Χ	N	NA	х	х	
		199	WSF pipeline	X	Х	>	X	Χ	N	NA	х	Х	
		200	WSF spillway	Х	Х	>	X	Χ	N	NA	х	х	
		201	WSF seepage dam	Х	Х	>	X	Χ	N	NA	х	х	
		202	WSF seepage collection pond	Х	Х	>	X	Χ	N	pond/wetland	х	Х	
		203	WSF seepage dam spillway	Х	Х	>	X	Χ	N	NA NA	х	Х	
		204	southeast WSF diversion	X	Х	>		Х	N	NA	х	Х	1
		205	temporary construction bridge	X/D	Ì			İ	-	NA	х		1
		206	Lower Mitchell closure channel access road		Ì	>	X	Х	N	NA			1
		207	Lower Mitchell closure channel			>	X	Χ	N	NA			
ļ	Camp 9: Mitchell Initial	208	Camp 9: Mitchell Initial Camp	X/R		İ			Y	forest	х		Construction of camp will include land clearing, soil stripping and
ı	Camp	209	Camp 9 septic field	X/R					Y	forest	Х		burning, foundation preparing, buildings and laydown area constru Power generator, waste incinerators and various equipment will be operated.
ļ	Camp 10: Mitchell	210	Camp 10: Mitchell Secondary Camp	X	R				Y	forest	х		Construction of camp will include land clearing, soil stripping and
ŀ	Secondary Camp	211	Camps 9 and 10 helipad	X	R				Υ	forest	Х		burning, foundation preparing, buildings and laydown area constru
		212	Camp 9 and 10 incinerator	X	R				Y	forest	х		Power generator, waste incinerators and various equipment will b
		213	Camp 10 septic field	X	R				Y	forest	х		operated.
	Water Treatment and	214	penstock to WTP	X	Х	>		Х	N	NA	х	Х	Construction includes land clearing, soil stripping, laydown area
	Energy Recovery Area	215	Energy Recovery Facility	X	Х	>	X	Χ	N	NA	х	Х	construction, foundation preparing, and waste incinerator, waste v
		216	Water Treatment Plant (WTP)	X	Х	X	X	Х	N	NA	х	Х	treatment plant, water diversion, and settling pond excavating.
Sludge Managemen Facilities		217	Temporary Water Treatment 1	X/R					Υ	forest	х		
	Sludge Management	218	sludge warehouse	X	Х	>	X	Χ	N	NA	х	Х	Construction includes land clearing, soil stripping, laydown area
	Facilities	219	sludge landfill	X/R					Y	forest	х		construction, foundation preparing, and building installing.
		220	sludge storage			>		Χ	N	NA			
[Sulphurets Laydown Area	221	Sulphurets access road	X	Х	P	R	Х	partial	forest	х	Х	Construction includes land clearing, soil stripping, foundation prep
		222	Satellite Maintenance Facility		Х	F	₹ 🗌		Y	forest	<u> </u>	х	diversion ditching, equipment and material hauling, and diversion
		223	Sulphurets snow storage	Х	Х	F	>		Y	forest	Х	Х	collecting.

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					Pł	ase			T	Change in Amb	nient Air Quality	
				onstruction	Operation	Closure	Post-Closure	Reclamation		struction	Operation	
Project Region	Project Area	ID#	Project Component	Con			Pc	(Y/partial/N)	Closure Objective	Con	ŏ	Activities
Mine Site	Sulphurets Laydown Area	224	Sulphurets diversion ditch	X	Х	R		Y	forest	Х	Х	
	(cont'd)	225	Sulphurets collection ditch	Х	Х			-	NA	Х	Х	
		226	landfarm/landfill	Х	R			Y	forest	Х		
		227	Sulphurets laydown area	Х	X/R			Y	forest	Х	Х	
	Sulphurets-Mitchell	228	Sulphurets-Mitchell Conveyor Tunnel		Х	D		N	NA		Х	Construction includes land clearing, soil stripping, laydown area
	Conveyor Tunnel	229	Sulphurets-Mitchell Conveyor Tunnel portals		Х	R		Υ	forest		Х	constructing, excavating, filling, culvert installing, surfacing, and grading.
	<u>_</u>	230	conveyor stockpile		Х	R		Y	forest		Х	Quarries rock may be crushed for use as surfacing material.
	<u> </u>	231	conveyor 1 to Sulphurets portal		Х	R		Y	forest		Х	
		232	conveyor 2 to Sulphurets portal		Х	R		Y	forest		Х	
	Sulphurets Pit	233	Sulphurets Pit crusher		Х	R		Y	forest		Х	It is a conventional open pit which uses mining methods including drilling,
		234	Sulphurets Pit	Х	Х	D		N	NA	Х	Х	blasting, loading, and hauling. Mining activities will be conducted 24 hours a
		235	Sulphurets Pit Backfill			Х	PR	partial	forest			day and 365 days per year.
		236	Sulphurets Pit drainage collection ditch	X/D				-	NA	Х		
	<u> </u>	237	Sulphurets Pit drainage pipeline to Selenium Treatment		Х	Х	Х	N	NA		Х	
	<u> </u>	238	Sulphurets Pit drainage pipeline to WSF	X	X	Х	Х	N	NA	Х		
		239	Sulphurets Pit diversion and collection system		Х	Х	Х	N	NA		X	
	Kerr rope conveyor	240	Kerr rope conveyor		X	R		Υ	forest		Х	Land clearing and tower grubbing, tower footprint grubbing, belt conveyor
		241	conveyor stockpile		X	R		Υ	forest		Х	constructing, rope conveyor towers erecting, and rope conveyor stringing.
	Kerr Pit	242	Kerr Pit access road		Х	PR	Х	partial	forest		х	It is a conventional open pit which uses mining methods including drilling,
		243	Kerr Pit snow storage		Х	R		Υ	forest		Х	blasting, loading, and hauling. Mining activities will be conducted 24 hours a
		244	Kerr Pit crusher		Х	R		Υ	forest		х	day and 365 days per year.
		245	Kerr Pit		Х	D		N	pit lake		х	
		246	South Kerr Pit Lake			Х	Х	N	NA			
		247	Kerr Pit dewatering pipeline		Х	Х	Х	N	NA		Х	
	Camp 2: Ted Morris Camp	248	Camp 2: Ted Morris Camp	X/R				Υ	forest	х		Construction of camp will include land clearing, soil stripping and debris
		249	Camp 2 equipment and material storage yard	X/R				Y	forest	Х		burning, foundation preparing, buildings and laydown area constructing.
		250	Camp 2 helipad	X/R				Υ	forest	Х		Power generator, waste incinerators and various equipment will be
		251	Camp 2 incinerator	X/R				Υ	forest	х		operated.
		252	Camp 2 septic field	X/R				Y	forest	Х		
	Explosives Manufacturing	253	Sulphurets Valley access road	X	Х	PR	Х	partial	forest	Х	Х	Construction includes land clearing, soil stripping, foundation preparing,
	Facility	254	Sulphurets bridge	Х	Х	Х	Х	N	NA	Х	Х	material hauling, and magazine installing. This is the area for explosives
		255	initial construction borrow and spoil area	Х	Х	R		Υ	forest	Х	Х	manufacture and storage.
		256	secondary construction borrow and spoil area			X/R		Υ	forest			
		257	closure cover borrow and till storage areas	X	Х	X/R		Υ	forest	Х	Х	
		258	secondary closure cover borrow and till storage area		Х	X/R		Υ	forest		х	
		259	explosives access road	Х	Х	R		Υ	forest	х	х	
		260	explosives magazine	Х	Х	R		Υ	forest	х	х	
		261	AN Prill Storage access road	Х	Х	R		Υ	forest	х	х	1
		262	AN prill storage area	Х	Х	R		Υ	forest	х	х	
		263	Explosives Manufacturing Facility	Х	Х	R		Υ	forest	х	х	
	Temporary Frank Mackie Glacier Access Route	264	Temporary Frank Mackie Glacier access route	X/D				N	NA	х		Construction of the road includes land clearing and soil stripping, laydown area constructing, excavating, filling, culvert installing, surfacing and grading.
	Camp 1: Granduc Staging	265	Camp 1: Granduc Staging Camp	Х				N	NA	х		Construction of camp will include land clearing, soil stripping and debris
	Camp	266	Camp 1 helipad	Х				N	NA	х		burning, foundation preparing, buildings and laydown area constructing.
		267	Camp 1 equipment and material storage yard	Х				N	NA	Х		Power generator, waste incinerators and various equipment will be
		268	Camp 1 septic field	Х				N	NA	х		operated.
Processing and	Mitchell-Treaty Twinned	269	Mitchell-Treaty Conveyor Tunnel	Х	Х	Х	Х	N	NA	х	х	Construction includes land clearing, soil stripping, laydown area
Tailing Management Area (PTMA)	Tunnels (MTT)	270	Mitchell-Treaty Transportation Tunnel	Х	Х	Х	Х	N	NA	х	Х	constructing, excavating, filling, culvert installing, surfacing, and grading. Quarries rock may be crushed for use as surfacing material. Other infrastructure includes temporary water treatment, access road and ventilation.
	construction access adit	271	construction access portal	X	Х	Х	Х	N	NA	Х		Construction involves land clearing, soil stripping, rock excavating,
		272 Adit Temporary Water Treatment 9 X D			N	NA	Х		ventilation equipment installing, development rock removing, seepage water			
												collecting and treating (if necessary), and glacier water collection sys
		273	Adit TWT - unlined muck pad Adit TWT - sediment control pond	X	D D			N	NA NA	Х		excavating and muck ponds excavating.

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			1			h				Change in Amh	iont Air Ouglitu	1
				_	PI	hase	0	1		Change in Amb	lent Air Quality	-
				struction			Post-Closure			ö		
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	5			Con	Operation	Closure	ost	Reclamation		Construction	Operation	A 41 141
Project Region	Project Area	ID#	Project Component			ပ	۵	(Y/partial/N)	Closure Objective	_	0	Activities
Processing and	construction access adit	275	Adit TWT - lined muck pad	X	D			N	NA NA	Х		
Tailing	(cont'd)	276	Adit TWT - collection sump	X	D			N	NA	Х		
Management Area (PTMA)		277	Adit TWT - diversion ditch	Х	D			N	NA	Х		
Alea (FTIVIA)		278	Treaty Adit road	Х	Х	Х	Х	N	NA	Х	Х	
		279	cable buried under road	Х	D			N	NA	Х		
		280	tunnel muck drainage pipeline buried under road	X	D			N	NA	Х		
	Mitchell-Treaty Saddle	281	Saddle portal	Х	Х	Х	Х	N	NA	Х	Х	Construction involves land clearing, soil stripping, rock excavating,
	Area	282	Saddle wash plant	Х	R			Υ	grass/shrub	Х		avalanche management preparing, development rock removing, seepage
		283	Saddle helipad	X	R			Υ	grass/shrub	Х		water collecting and treatment if necessary, sludge collecting and disposing,
		284	Saddle Temporary Water Treatment 4	X	R			Y	grass/shrub	Х		and glacier water collection system excavation. Area will be designated for
		285	Saddle TWT - lined muck pad	X	R			Y	grass/shrub	Х		borrow, waste and till stockpiles, fueling station, laydown area and
		286	Saddle TWT - unlined muck pad	X	R			Y	grass/shrub	Х		explosive magazine storage.
		287	Saddle TWT - temporary treatment plant	X	R			Y	grass/shrub	Х		
		288	Saddle TWT - sediment control ponds	X	R			Y	grass/shrub	х]
		289	Saddle TWT - diversion ditch	X	R			Y	grass/shrub	х		1
		290	Saddle fueling station and tank farm	X	R			Y	grass/shrub	х		1
		291	Saddle laydown area	Х	R			Y	grass/shrub	Х		
		292	Saddle explosives magazine	Х	R			Y	grass/shrub	х		
		293	construction generator	X	R			Y	grass/shrub	х		
		294	Treaty Saddle road	X	X	Х	Х	N	NA	x	Х	-
		295	Treaty Saddle road borrow areas	X	R			Y	grass/shrub	x		-
		296	Treaty Saddle road waste areas	X	R	+		Y	grass/shrub	X		-
		297	Treaty Saddle road till stockpiles	X	R	+		Y	grass/shrub	X		-
	Camp 6: Treaty Saddle	298	Camp 6 incinerator	X	R			Y	grass/shrub	X		Construction of camp will include land clearing, soil stripping and debris
	Camp Camp	299	Camp 6 helipad	X	R			Y	grass/shrub	x		burning, foundation preparing, buildings and laydown area constructing.
		300	Camp 6: Treaty Saddle Camp	X	R			Y		×		Power generator, waste incinerators and various equipment will be
		301	Camp 6 equipment and material storage yard	X	R			Y	grass/shrub	X		operated.
		302	Camp 6 septic field	X	R			Y	grass/shrub			-
	Comp 5: Treet, Plant							Y	grass/shrub	X		Construction of companies include land clearing and stripping and debrie
	Camp 5: Treaty Plant	303	Camp 5: Treaty Plant Camp	X	R			T	grass/shrub	х		Construction of camp will include land clearing, soil stripping and debris burning, foundation preparing, buildings and laydown area constructing.
	Camp											Power generator, waste incinerators and various equipment will be
												operated.
	Treaty Operating Camp	304	water supply well	X	Х	Х	Х	N	NA	х	Х	Construction of camp will include land clearing , soil stripping and debris
	roady operating camp	305	construction explosives storage	X/R	1	+ ^		Y	grass/shrub	X		burning, foundation preparing, buildings and laydown area constructing.
		306	water pipeline	X	Х	Х	Х	N N	NA NA	x	Х	Power generator, waste incinerators and various equipment will be
		307	water supply well access road	X	X	X		N	NA NA	x	X	operated.
		308	Treaty operating camp incinerator	X	X	X		N	NA NA	X	X	-
		309		X	X	PR						-
		310	Treaty operating camp sentic field		X	FR		partial	grass/shrub	X	X	-
	Treaty Ore Preparation		Treaty operating camp septic field	X	R	+	-	- Y	NA grass/shrub	X	X	Construction activities include land clearing, soil stripping, laydown area
	Complex	311 312	Temporary Water Treatment 8		R		-	Y	grass/shrub	X		construction activities include land clearing, soil stripping, laydown area constructing, foundation preparing, diversion ditching, materials hauling,
	Complex		TWT 8 - unlined muck pad	X				Y	grass/shrub	X		avalanche management preparing, building erecting, and equipment
		313	TWT 8 - sediment control pond	X	R	.,		-	grass/shrub	X		installing. Fuel containment facilities will be erected to store diesel that will
		314	MTT process plant portal	X	X		Х	N	NA	X	Х	be delivered by pipeline through the tunnels. A substation will be
		315	MTT portal laydown area	X	X/R	_		Y	grass/shrub	X	Х	constructed and transmission lines will be erected. Crushing, grinding,
		316	Treaty runoff collection channel	X	Х	X		Y	grass/shrub	Х		stockpiling, and transferring of material will take place in this complex.
		317	Treaty helipad	X	X	R		Y	grass/shrub	Х	Х	
		318	Treaty construction laydown area	Х	R			Y	grass/shrub	Х		
		319	Treaty waste management facilities	Х	Х	R		Y	grass/shrub	X	X	
		320	Treaty warehouse and warehouse pad	Х	Х	R		Y	grass/shrub	Х	X	
		321	Treaty maintenance shop	X	Х	R		Y	grass/shrub	Х	Х	
		322	Treaty lab	X	Х	R		Y	grass/shrub	Х	Х	
		323	CIL Plant	X	Х	R		Y	grass/shrub	Х	Х	
		324	substation 1	X	Х	Х	Х	N	NA	Х	Х	
		325	25 kV transmission line	X	Х	Х	Х	N	NA	х		
		326	Treaty Process Plant	X	Х	R		Y	grass/shrub	х	х]
		327	TWT 10 - sediment control pond	X	Х	Х		Y	grass/shrub	х	х	1
		328	TWT 10 - collection ditch and pipeline	Х	R			Y	grass/shrub	х		1
L	omponent is active during		• • • • • • • • • • • • • • • • • • • •		+			Ļ		· · · · · · · · · · · · · · · · · · ·		ļ.

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			Phase							Change in Amb	siant Air Ouglity	T
				<u> </u>	Pn	ase	o			Change in Amb	ient Air Quality	-
				struction	Operation	Closure	Post-Closure			struction	ration	
Broject Begien	Project Area	ID#	Broject Company	Con	be	80	ost	Reclamation	Cleaure Objective	Con	Ope	Activities
Project Region Processing and	Project Area Treaty Ore Preparation	329	Project Component High Pressure Grinding Rolls (HPGR) Mill	X	X	R	_	(Y/partial/N) ✓	Closure Objective grass/shrub	X	X	Activities
Tailing	Complex (cont'd)	330	Treaty OPC fine ore stockpile		X	R		Y	grass/shrub	^	x	
Management	Complex (cont a)	331	Treaty OPC stormwater runoff pipeline		X	X	R	Y	grass/shrub		X	
Area (PTMA)		332	Treaty OPC coarse ore stockpile		X	R	- 11	Y	grass/shrub		X	
		333	Treaty SEC Crusher Building	Х	X	R		Y	grass/shrub	х	x	-
		334	Treaty office complex	X	X	X	Х	N	NA NA	X	X	-
		335	Treaty ambulance building	X	X	X	X	N	NA	X	X	-
		336	container storage area	X	X	R		Y	grass/shrub	х	X	-
		337	cold storage	Х	Х	R		Y	grass/shrub	х	х	
		338	Treaty CSCF/landfarm/landfill	Х	Χ	Х	R	Υ	grass/shrub	х	х	
		339	Treaty OPC Batch Plant stockpile	Х	Х	R		Y	grass/shrub	х	Х	
		340	Treaty OPC Batch Plant	Х	Х	R		Υ	grass/shrub	х	х	
		341	Treaty fuel storage	Х	Х	R		Υ	grass/shrub	х	х	
		342	Treaty OPC access road	Х	Х	R		Υ	grass/shrub	х	х]
		343	Treaty OPC site collection and diversion ditches	Х	Х	Х	R	Y	grass/shrub	х	х	
		344	Treaty Administration Building	Х	Х	Х	Х	Υ	grass/shrub	х	х	
	Concentrate Storage and Loadout	345	concentrate storage and loadout area		Х	R		Y	grass/shrub		х	Activities include land clearing, soil stripping, foundation preparing, diversion ditching, materials hauling, and diversion water collecting. High volumes of concentrate will temporarily stored in this area.
	North Cell Tailing	346	North Cell till stockpile	Х	X	R		Υ	grass/shrub	Х	Х	Site preparation will commence with land clearing and soil stripping.
	Management Facility	347	North Cell soil storage area	X	X	R		Y	grass/shrub	Х	Х	Construction will also include a laydown area, access road, foundation and
		348	TWT 11 - sediment control pond	X	X	Х	R	Y	grass/shrub	Х	Х	water diversion, equipment and materials hauling, quarries and borrow pits,
		349	TWT 11 - collection ditch and pipeline	Х	Х	Х	R	Y	grass/shrub	х	Х	temporary water treatment facilities, borrow area, waste pile, dam, collection ditch, sediment control ponds, and soil storage areas.
		350	TWT 9 - sediment control pond	Х	Х	R		Y	forest	х	Х	- conection attori, seament control ponds, and son storage areas.
		351	TWT 9 - pipeline	X	X	R		Y	forest	Х	Х	
		352	North Cell seepage collection dam	X	PR	Х	Х	partial	grass/shrub	Х		
		353	North Cell seepage collection dam spillway	X	X	X	X	N	NA	Х	Х	4
		354	North Cell seepage collection pond	X	X	X	Х	N	pond/wetland	Х	Х	
		355	North Cell seepage reclaim pipeline	X	Х	Х	Х	N	NA NA	Х	Х	
		356	North Cell construction berms and sediment fences	X/D				-	NA NA	X		
		357	North Cell starter dam	X/-				-	NA NA	X		_
		358 359	North dam construction pipeline and cofferdam	X/D	PR	Х	R	- nortial	NA grass/shrub	X		-
		360	North Cell berrow area	X X/D	PK	^	K	partial	grass/stilub NA	X		-
		361	North Cell borrow area North Cell quarry	X/D				-	NA NA	X X		-
		362	North Cell waste pile	X/D				-	NA NA	+		-
		363	North Cell waste pile North Cell construction access road and transmission line	X/D				-	NA NA	X		-
		364	North Cell	ND ND	Y/DD	Х	R	Y	forest	^	x	-
		365	North Cell closure pond			PR	IX.	Y			X	-
		366	reclaim barge		X	D		-	pond/wetland NA	<u> </u>	X	1
		367	gravel beach cover		X	X	R	Y	wetland	<u> </u>	X	1
			pump house with potential clarification system	Х	X	X	· ` `	-	NA	X	X	†
		369	Northwest Diversion	X	X	X	R	Υ	forest	x	x	†
		370	TMF Discharge Pipeline	X	X	X	D	N N	NA	x	X	1
	East Catchment Diversion	371	East Catchment diversion tunnel portal access road	X	X	X	X	Y	forest	x	X	Activities include land clearing, soil stripping, laydown area constructing,
		372	East Catchment diversion tunnel portal		X	R		Y	forest	1	x	excavating and filling, culvert installing, surfacing, and grading. Quarried
		373	northeast buried pipeline	X	Х	Х	R	N	NA	х	x	rock may be crushed for use as surfacing material. Other infrastructures
		374	northeast service road	X	X	Х	R	Y	forest	х	X	include temporary water treatment, road access, receiving recycled TMF
		375	northeast diversion ditch	X	Х	Х	PR	Y	forest	x	X	supernatant, generating electricity from inflowing recycled water, receiving
		376	East Catchment diversion tunnel phase 1	Х	Х	D		N	NA	х	х	and storing diesel, ventilation, maintenance of facilities, transport of
		377	East Catchment diversion tunnel phase 2		Х	Х	D	N	NA		х	personnel and supplies, maintenance of avalanches.
		378	East Catchment diversion dam	Х	PR	Х	R	Υ	grass/shrub	х		1
		379	East Catchment diversion dam spillway	Х	Х	Х	R	Y	grass/shrub	х	х	
		380	East Catchment diversion pond	Х	Х	Х	R	Y	grass/shrub	х	х	1
		381	TWT 13 - sediment control pond	Х	R			Y	grass/shrub	х		1
		382	Upper East Catchment diversion dam	Х	PR	Χ	R	Y	grass/shrub	х		1
		383	Upper East Catchment diversion pond	Х	Х	Х	R	Υ	grass/shrub	х	х	1
V = the project of	mponent is active during								<u> </u>			'

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					Ph	ase				Change in Amb	ient Air Quality	
				<u> </u>	T		<u>ē</u>					
				struction	Ę		losure			ction	5	
				1	ration	E E	ਹੱ			stru	ration	
				Cons	Oper	Closi	Post-Cl	Reclamation				
Project Region	Project Area	ID#	Project Component					(Y/partial/N)	Closure Objective	ပိ	ő	Activities
Processing and	East Catchment Diversion	384	Upper East Catchment diversion dam spillway	X	X	Х	R	Y Y	grass/shrub	X	Х	
Tailing Management	(cont'd)	385	TWT 12 - sediment control pond	X	R			Υ	grass/shrub	Х		Other construction will be a server of the least of the server of the least of the server of the least of the server of the least of the server of the least of the server of the least of the server of the least of the server of the least of the server of the least of the server of the least of the server of the least of the server of the least of the server of the least of the server of the least of the server of the least of the server of the server of the least of the server of the ser
Area (PTMA)	Centre Cell Tailing	386	Centre Cell borrow area	X/D				-	NA NA	X		Site preparation will commence with land clearing and soil stripping.
7 4 OG (1 11VI)	Management Facility	387	Splitter starter dam	X				-	NA NA	X		Construction will also include a laydown area, access road, foundation an water diversion, and equipment and materials hauling.
		388	Splitter dam construction pipeline and cofferdam	X/D	V	DD	Б	-	NA forest	X		water diversion, and equipment and materials hadning.
		389 390	Splitter dam CIL Lined Pond	X	X	PR X	R R	Y	forest pond/wetland	Х	X	-
		391	reclaim barges (x2)		X	X	D	- T	NA		X X	-
		392	Saddle starter dam	X	^	^	D	-	NA NA	x	*	-
		393	Saddle dam construction diversion	X/D		-		-	NA NA	X		-
		394	Saddle dam construction southern diversion	X/D		-			NA NA	X		-
		395	Saddle dam construction diversion access road	X/D				<u> </u>	NA NA	X		-
		396	Saddle seepage dam construction access road	X/D				<u> </u>	NA NA	X		-
		397	Saddle dam	X	Х	PR	R	Y	forest	X	Х	
		398	Saddle seepage collection pond	X	X/D	1 11	1.	-	NA	X	X	-
		399	Saddle seepage collection dam spillway	X	X/D		-	<u>-</u>	NA NA	X	X	1
		400	Saddle seepage collection dam	X	X/D				NA NA	X	X	-
		401	Saddle dam collection ditch	X/D	700			-	NA NA	X	^	-
		402	TWT 14 - sediment control pond	X/D				-	NA NA	X		-
		403	TWT 14 - pipeline	X/D					NA NA	X		-
		404	Saddle seepage reclaim pipeline	X	X/D			-	NA NA	X	х	-
		405	post-closure pond		702		X/PR	Υ	pond/wetland			-
		406	post-closure gravel beach cover				X/R	Y	wetland			-
		407	post-closure cell				R	Y	forest			-
	South Cell Tailing	408	Southeast service road	Х	Х	Х	R	Y	forest	х	х	Site preparation will commence with land clearing and soil stripping.
	Management Facility	409	Southeast diversion ditch	X	X	X	R	Y	forest	X	X	Construction will also include a laydown area, access road, foundation,
	,	410	South Cell quarry sediment fence		X/D			-	NA		X	ditch/water diversion, equipment, quarries and borrow pits.
		411	South Cell quarry		X/D			-	NA		Х	
		412	South Cell quarry construction berm		X/D			-	NA		х	
		413	North Treaty lower road	Х	X/D			-	NA	х	х	
		414	South Cell		Х	PR	R	Υ	forest		х	
		415	South Cell pond		Х			-	NA		Х	
		416	South Cell closure pond			X/PR		Y	pond/wetland			
		417	gravel beach cover			Х	R	Y	wetland			
		418	reclaim barge		Х	Х	D	-	NA		Х	
		419	southeast dam		X/PR	Х	R	Υ	grass/shrub		х	
		420	southeast starter dam		Х			-	NA		Х	
		421	southeast dam diversion ditch		Х	Х	X	N	NA		Х	
		422	South Cell seepage reclaim pipeline		Х	Х	Х	N	NA		Х	
		423	South Cell borrow area		X/R			Y	grass/shrub		Х	
		424	TWT 15 - sediment control structure		X/R			Υ	grass/shrub		Х	
		425	TWT 15 - pipeline		X/R			Υ	grass/shrub		Х	
		426	Treaty Creek closure spillway			Х	Х	N	NA			
		427	southeast seepage collection dam		Х	PR	Х	partial	forest		Х	
		428	southeast seepage collection pond		Х	Х	Х	N	pond/wetland		Х	
		429	southeast seepage collection dam spillway		Х	Х	Х	N	NA		Х	
		430	southeast seepage collection dam construction access road		X	X	Х	N	NA		Х	
	T + 0 + i	431	South Cell soil storage area		X	R		Y	forest		Х	
	Treaty Creek Access	432	North Treaty upper road	X	X	X	X	N	NA NA	X	X	Construction of the road includes land clearing and soil stripping,
	Corridor	433	Treaty Creek Transmission Line	X	X	X	X	N	NA	X	X	excavating and filling, culvert installing, surfacing and grading. Snow she and earth berms may be constructed for avalanche protection. Quarries
		434	southwest diversion ditch	X	Х	X	PR	partial	forest	X	Х	borrow pits may be required. Quarried rock may be crushed for use as
		435	TCAR channel armouring and diversion dams	X	PR	X	X	partial	grass	X		surfacing material.
		436	southwest diversion access road	X	X	X	Х	N N	NA NA	Х	X	-
		437	Treaty Creek access road (TCAR)	X	Х	Х	Х	N	NA forest	X	Х	-
		438	TCAR borrow areas	X	R			Y	forest	Х		-
		439	TCAR waste areas	X	R	-		Y	forest	X		-
		440	TCAR log landings	Х	R			Υ	forest	Х		

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					Ph	ase				Change in Amb	ient Air Quality	
Project Region	Project Area	ID#	Project Component	Construction	Operation	Closure	Post-Closure	Reclamation (Y/partial/N)	Closure Objective	Construction	Operation	Activities
Processing and	Treaty Creek Access	441	creek crossing R053	Х	Х	Х	Х	N	NA	Х	х	
Tailing	Corridor (cont'd)	442	creek crossing R049	Х	X	Х	Х	N	NA	Х	Х	
Management		443	creek crossing R047	Х	Х	Х	Х	N	NA	Х	х	
Area (PTMA)		444	North Treaty Creek bridge (R045)	Х	Х	Х	Х	N	NA	Х	Х	
		445	creek crossing R037	Х	Х	Х	Х	N	NA	Х	х	
		446	creek crossing R038	Х	Х	Х	Х	N	NA	Х	Х	
		447	creek crossing R036	Х	Х	Х	Х	N	NA	Х	х	
		448	creek crossing R035	Х	Х	Х	Х	N	NA	Х	Х	
		449	creek crossing R034	Х	Х	Х	Х	N	NA	Х	х	
		450	Bell-Irving River bridge (R033)	Х	X	Х	Х	N	NA	Х	х	
	Camp 11: Treaty	451	Camp 11: Treaty Marshalling Yard Camp	Х	R			Y	forest	Х		Construction of camp will include land clearing, soil stripping and debris
	Marshalling Yard Camp	452	Camp 11 Treaty marshalling yard	Х	R			Υ	forest	Х		burning, foundation preparing, buildings and laydown area constructing.
		453	Camp 11 incinerator	Х	R			Y	forest	Х		Power generator, waste incinerators and various equipment will be operated.
	Camp 12: Highway 37	454	Camp 12: Highway 37 Construction Camp	X/R				Y	forest	х		Construction of camp will include land clearing, soil stripping and debris
	Construction Camp	455	Camp 12 incinerator	X/R				Y	forest	Х		burning, foundation preparing, buildings and laydown area constructing. Power generator, waste incinerators and various equipment will be operated.
Off-site	Highway 37 and 37A	456	Highway 37	Х	Х	Х	Х	N	NA	х	х	Activities in this area include maintenance (grading, resurfacing, cleaning of
Transportation		457	Highway 37A	Х	Х			N	NA	Х	х	ditches and culverts, inspecting bridges), transport of personnel, explosives, equipment, and supplies to the mine site, and avalanche maintenance.

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

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.

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