

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1001 - WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Sep 2018 - Feb 2019	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	8	112	95	90	121	104	99
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104
		Water pump (CNP281) (Electric) (100%)	4	88	88	88	94	94	94
			118	110	102	124	113	107	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	8	112	95	90	121	104	99
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
		Roller (CNP185) (100%)	4	108	104	99	114	110	105
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104
			118	107	102	125	113	108	
Solidification		Backhoe (CNP 081) (100%)	6	112	95	90	120	103	98
		Dump Truck (CNP067) (70%)	3	115	103	98	120	108	103
			117	104	99	123	109	104	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	125	117	112

Note: Only maximum SWL is applied as the worst case scenario.

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				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1001 - WC04									
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Mar 2019 - Aug 2019	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				121	114	108	124	118	111
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		118	113	106	122	116	109		
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
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Site Formation (per about 2 ha) - S1002 - WC03				SWL of Single PME					
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Sep 2018 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	1	112	112	107	112	112	107
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	112	112	107	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL				120	113	107	121	113	107

Note: Only maximum SWL is applied as the worst case scenario.

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Site Formation (per about 2 ha) - S1003 - WC03									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Sep 2018 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
Earthwork (Cut)				120	112	106	121	113	107
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
Earthwork (Fill)				118	110	102	118	110	102
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
Vertical drains				115	103	98	115	103	98
				118	107	102	118	107	102
		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
Slopework (Soil Nail)				112	112	107	117	117	112
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
Slopework (Retaining Wall)	Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99	
			112	112	105	112	112	105	
	Generator (CNP103) (100%)	1	95	90	75	95	90	75	
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
	Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
	Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94	
	Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100	
Maximum SWL			113	102	92	113	102	92	
			107	107	102	107	107	102	
			118	113	106	118	113	106	
			120	113	107	121	117	112	

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME						
Site Formation (per about 2 ha) - S1004 - WC03										
Activity	Months	PME	Units	Total SWL						
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Site Clearance	Sep 2018 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101	
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101	
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101	
Earthwork (Cut)					120	112	106	121	113	107
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88	
Earthwork (Fill)					118	110	102	118	110	102
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
Vertical drains					115	103	98	115	103	98
					118	107	102	118	107	102
		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112	
		Generator (CNP103) (100%)	3	95	90	75	100	95	80	
Slopework (Soil Nail)					112	112	107	117	117	112
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87	
		Grout Pump (100%)	1	105	105	100	105	105	100	
		Grout Mixer (100%)	1	90	90	75	90	90	75	
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100	
Slopework (Retaining Wall)		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99	
					112	112	105	112	112	105
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94	
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100	
Maximum SWL		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
					118	113	106	118	113	106
				120	113	107	121	117	112	

Note: Only maximum SWL is applied as the worst case scenario.

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				SWL of Single PME						
Site Formation (per about 2 ha) - S1005 - WC03										
Activity	Months	PME	Units							
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Site Clearance	Sep 2018 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101	
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101	
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101	
				120	112	106	121	113	107	
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88	
			118	110	102	118	110	102		
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
				118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112	
		Generator (CNP103) (100%)	3	95	90	75	100	95	80	
				112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87	
		Grout Pump (100%)	1	105	105	100	105	105	100	
		Grout Mixer (100%)	1	90	90	75	90	90	75	
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100	
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99	
				112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94	
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100	
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
				118	113	106	118	113	106	
Maximum SWL				120	113	107	121	117	112	

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1006 - WC03									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Sep 2018 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
Earthwork (Cut)				120	112	106	121	113	107
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
Earthwork (Fill)				118	110	102	118	110	102
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
				118	107	102	118	107	102
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
Slopework (Soil Nail)				112	112	107	117	117	112
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
Slopework (Retaining Wall)		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
		Maximum SWL			120	113	107	121	117

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

Site Formation (per about 2 ha) - S1007 - WC03				SWL of Single PME					
Activity	Months	PME	Units	Total SWL			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Sep 2018 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			120	112	106	121	113	107	
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	121	117	112

Note: Only maximum SWL is applied as the worst case scenario.

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Site Formation (per about 2 ha) - S1008 - WC03				SWL of Single PME						Total SWL		
Activity	Months	PME	Units									
Site Clearance	Sep 2018 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
					120	112	106	121	113	107		
Earthwork (Cut)			Excavator (CNP081) (100%)	1	112	95	90	112	95	90		
			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98		
			Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
			Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88		
					118	110	102	118	110	102		
Earthwork (Fill)			Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Roller (CNP185) (100%)	1	108	104	99	108	104	99		
			Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
					118	107	102	118	107	102		
Vertical drains			Vertical band drain installation rig (100%)	3	112	112	107	117	117	112		
			Generator (CNP103) (100%)	3	95	90	75	100	95	80		
					112	112	107	117	117	112		
Slopework (Soil Nail)			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Air compressor (CNP002) (100%)	1	102	102	87	102	102	87		
			Grout Pump (100%)	1	105	105	100	105	105	100		
			Grout Mixer (100%)	1	90	90	75	90	90	75		
			Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100		
			Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99		
					112	112	105	112	112	105		
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
				118	113	106	118	113	106			
Maximum SWL				120	113	107	121	117	112			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1009 - WC03				SWL of Single PME					
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Sep 2018 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			120	112	106	121	113	107	
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	121	117	112

Note: Only maximum SWL is applied as the worst case scenario.

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Site Formation (per about 2 ha) - S1010 - WC03									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Sep 2018 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
Earthwork (Cut)				120	112	106	121	113	107
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
Earthwork (Fill)				118	110	102	118	110	102
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
Vertical drains				115	103	98	115	103	98
				118	107	102	118	107	102
		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
Slopework (Soil Nail)				112	112	107	117	117	112
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
Slopework (Retaining Wall)		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
Maximum SWL		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
				120	113	107	121	117	112

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation / GIC (per about 2 ha) - S1011 - WC04												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Mar 2019 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				120	112	106	121	113	107			
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
			118	110	102	118	110	102				
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
				118	107	102	118	107	102			
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
					112	112	107	117	117	112		
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87			
		Grout Pump (100%)	1	105	105	100	105	105	100			
		Grout Mixer (100%)	1	90	90	75	90	90	75			
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100			
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99			
				112	112	105	112	112	105			
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
				118	113	106	118	113	106			
Maximum SWL				120	113	107	121	117	112			

Note: Only maximum SWL is applied as the worst case scenario.

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				SWL of Single PME						Total SWL		
Site Formation / GIC (per about 2 ha) - S1011 - WC04												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Mar 2020 - Aug 2020	Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93			
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
				121	114	108	124	118	111			
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
				118	113	106	122	116	109			
Maximum SWL				121	114	108	124	118	111			

Note: Only maximum SWL is applied as the worst case scenario.

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Site Formation / GIC (per about 2 ha) - S1012 - WC04				SWL of Single PME						Total SWL		
Activity	Months	PME	Units									
Site Clearance	Mar 2019 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
					120	112	106	121	113	107		
Earthwork (Cut)			Excavator (CNP081) (100%)	1	112	95	90	112	95	90		
			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98		
			Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
			Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88		
					118	110	102	118	110	102		
Earthwork (Fill)			Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Roller (CNP185) (100%)	1	108	104	99	108	104	99		
			Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
					118	107	102	118	107	102		
Vertical drains			Vertical band drain installation rig (100%)	3	112	112	107	117	117	112		
			Generator (CNP103) (100%)	3	95	90	75	100	95	80		
					112	112	107	117	117	112		
Slopework (Soil Nail)			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Air compressor (CNP002) (100%)	1	102	102	87	102	102	87		
			Grout Pump (100%)	1	105	105	100	105	105	100		
			Grout Mixer (100%)	1	90	90	75	90	90	75		
			Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100		
			Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99		
					112	112	105	112	112	105		
Slopework (Retaining Wall)			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98		
			Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
			Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90		
			Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94		
			Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100		
			Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92		
			Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102		
					118	113	106	118	113	106		
Maximum SWL				120	113	107	121	117	112			

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation / GIC (per about 2 ha) - S1012 - WC04												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Mar 2020 - Aug 2020	Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93			
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
						121	114	108	124	118	111	
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
				118	113	106	122	116	109			
Maximum SWL				121	114	108	124	118	111			

Note: Only maximum SWL is applied as the worst case scenario.

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Site Formation / GIC (per about 2 ha) - S1014 - WC04				SWL of Single PME						Total SWL		
Activity	Months	PME	Units									
Site Clearence	Sep 2019 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
Earthwork (Cut)					120	112	106	121	113	107		
		Excavator (CNP081) (100%)	8	112	95	90	121	104	99			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104			
		Water pump (CNP281) (Electric) (100%)	4	88	88	88	94	94	94			
Earthwork (Fill)					118	110	102	124	113	107		
		Backhoe (CNP 081) (100%)	8	112	95	90	121	104	99			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
		Roller (CNP185) (100%)	4	108	104	99	114	110	105			
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104			
					118	107	102	125	113	108		
Solidification		Backhoe (CNP 081) (100%)	6	112	95	90	120	103	98			
		Dump Truck (CNP067) (70%)	3	115	103	98	120	108	103			
Vertical drains					117	104	99	123	109	104		
		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112			
Slopework (Soil Nail)		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
					112	112	107	117	117	112		
	Rock Drill (CNP181) (penumatic) (100%)	1	128	128	118	128	128	118				
	Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100				
	Generator (CNP103) (100%)	1	95	90	75	95	90	75				
	Air compressor (CNP002) (100%)	1	102	102	87	102	102	87				
	Grout Pump (100%)	1	105	105	100	105	105	100				
	Grout Mixer (100%)	1	90	90	75	90	90	75				
	Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99				
				128	128	118	128	128	118			
Slopework (Retaining Wall)	Generator (CNP103) (100%)	1	95	90	75	95	90	75				
	Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100				
	Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92				
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98				
	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90				
	Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90				
	Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94				
	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102				
				118	113	106	118	113	106			
Maximum SWL				128	128	118	128	128	118			

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1014 - WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
GIC Sub-Structure (per site)	Mar 2020 - Aug 2020	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				121	114	108	124	118	111
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
				118	113	106	122	116	109
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1015 - WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Mar 2018 - Aug 2019	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
Earthwork (Cut)				120	112	106	121	113	107
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
Earthwork (Fill)				118	110	102	118	110	102
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
				118	107	102	118	107	102
Vertical drains		Vertical band drain installation rig (100%)	1	112	112	107	112	112	107
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
Slopework (Soil Nail)				112	112	107	112	112	107
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
Slopework (Retaining Wall)		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
				120	113	107	121	113	107
Maximum SWL				120	113	107	121	113	107

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

Site Formation (per about 2 ha) - S1016 - WC04				SWL of Single PME						Total SWL		
Activity	Months	PME	Units									
Site Clearance	Mar 2018 - Aug 2019	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
					120	112	106	121	113	107		
Earthwork (Cut)			Excavator (CNP081) (100%)	1	112	95	90	112	95	90		
			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98		
			Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
			Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88		
					118	110	102	118	110	102		
Earthwork (Fill)			Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Roller (CNP185) (100%)	1	108	104	99	108	104	99		
			Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
					118	107	102	118	107	102		
Vertical drains			Vertical band drain installation rig (100%)	1	112	112	107	112	112	107		
			Generator (CNP103) (100%)	3	95	90	75	100	95	80		
					112	112	107	112	112	107		
Slopework (Soil Nail)			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Air compressor (CNP002) (100%)	1	102	102	87	102	102	87		
			Grout Pump (100%)	1	105	105	100	105	105	100		
			Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100		
			Grout Mixer (100%)	1	90	90	75	90	90	75		
			Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99		
				112	112	105	112	112	105			
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
				118	113	106	118	113	106			
Maximum SWL				120	113	107	121	113	107			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1017 - WC04				SWL of Single PME					
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Mar 2019 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
				118	107	102	118	107	102
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL			120	113	107	121	117	112	

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1018 - WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Mar 2018 - Aug 2019	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
Earthwork (Cut)				120	112	106	121	113	107
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
Earthwork (Fill)				118	110	102	118	110	102
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
				118	107	102	118	107	102
Vertical drains		Vertical band drain installation rig (100%)	1	112	112	107	112	112	107
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
Slopework (Soil Nail)				112	112	107	112	112	107
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
Slopework (Retaining Wall)		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
		Maximum SWL			120	113	107	121	113

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1019 - WC04				SWL of Single PME					
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Mar 2019 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
				118	107	102	118	107	102
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL			120	113	107	121	117	112	

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1020 - WC04				SWL of Single PME					
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Mar 2019 - Aug 2019	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			120	112	106	121	113	107	
Earthwork (Cut)		Excavator (CNP081) (100%)	8	112	95	90	121	104	99
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104
		Water pump (CNP281) (Electric) (100%)	4	88	88	88	94	94	94
			118	110	102	124	113	107	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	8	112	95	90	121	104	99
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
		Roller (CNP185) (100%)	4	108	104	99	114	110	105
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104
			118	107	102	125	113	108	
Solidification		Backhoe (CNP 081) (100%)	6	112	95	90	120	103	98
		Dump Truck (CNP067) (70%)	3	115	103	98	120	108	103
			117	104	99	123	109	104	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	117	117	112	
Slopework (Soil Nail)		Rock Drill (CNP181) (penumatic) (100%)	1	128	128	118	128	128	118
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			128	128	118	128	128	118	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				128	128	118	128	128	118

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1020 - WC04									
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Sep 2019 - Feb 2020	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
						121	114	108	124
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
				118	113	106	122	116	109
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1022 - WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Aug 2024 - Mar 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	2	112	112	107	115	115	110
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	115	115	110	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	121	115	110

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1022 - WC12									
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Apr 2026 - Sep 2026	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
						121	114	108	124
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
				118	113	106	122	116	109
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1023 - WC12										
Activity	Months	PME	Units	SWL of Single PME			Total SWL			
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Site Clearance	Aug 2024 - Mar 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101	
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101	
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101	
				120	112	106	121	113	107	
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88	
			118	110	102	118	110	102		
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
			118	107	102	118	107	102		
Vertical drains		Vertical band drain installation rig (100%)	2	112	112	107	115	115	110	
		Generator (CNP103) (100%)	3	95	90	75	100	95	80	
				112	112	107	115	115	110	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87	
		Grout Pump (100%)	1	105	105	100	105	105	100	
		Grout Mixer (100%)	1	90	90	75	90	90	75	
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100	
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99	
				112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94	
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100	
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
			118	113	106	118	113	106		
Maximum SWL				120	113	107	121	115	110	

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1023 - WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
GIC Sub-Structure (per site)	Apr 2026 - Sep 2026	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				121	114	108	124	118	111
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		118	113	106	122	116	109		
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1024 - WC04				SWL of Single PME						Total SWL		
Activity	Months	PME	Units									
Site Clearance	Mar 2018 - Aug 2018	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				120	112	106	121	113	107			
Earthwork (Cut)		Excavator (CNP081) (100%)	8	112	95	90	121	104	99			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104			
		Water pump (CNP281) (Electric) (100%)	4	88	88	88	94	94	94			
			118	110	102	124	113	107				
Earthwork (Fill)		Backhoe (CNP 081) (100%)	8	112	95	90	121	104	99			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
		Roller (CNP185) (100%)	4	108	104	99	114	110	105			
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104			
			118	107	102	125	113	108				
Solidification		Backhoe (CNP 081) (100%)	6	112	95	90	120	103	98			
		Dump Truck (CNP067) (70%)	3	115	103	98	120	108	103			
			117	104	99	123	109	104				
Vertical drains		Vertical band drain installation rig (100%)	1	112	112	107	112	112	107			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
			112	112	107	112	112	107				
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100			
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87			
		Grout Pump (100%)	1	105	105	100	105	105	100			
	Grout Mixer (100%)	1	90	90	75	90	90	75				
	Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99				
			112	112	105	112	112	105				
Slopework (Retaining Wall)	Generator (CNP103) (100%)	1	95	90	75	95	90	75				
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98				
	Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100				
	Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92				
	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90				
	Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90				
	Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94				
	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102				
		118	113	106	118	113	106					
Maximum SWL				120	113	107	125	113	108			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1024 - WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
GIC Sub-Structure (per site)	Apr 2026 - Sep 2026	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				121	114	108	124	118	111
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
				118	113	106	122	116	109
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1025 - WC04				SWL of Single PME						Total SWL		
Activity	Months	PME	Units									
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Sep 2018 - Feb 2019	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
			120	112	106	121	113	107				
Earthwork (Cut)		Excavator (CNP081) (100%)	8	112	95	90	121	104	99			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104			
		Water pump (CNP281) (Electric) (100%)	4	88	88	88	94	94	94			
				118	110	102	124	113	107			
Earthwork (Fill)		Backhoe (CNP 081) (100%)	8	112	95	90	121	104	99			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
		Roller (CNP185) (100%)	4	108	104	99	114	110	105			
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104			
				118	107	102	125	113	108			
Solidification		Backhoe (CNP 081) (100%)	6	112	95	90	120	103	98			
		Dump Truck (CNP067) (70%)	3	115	103	98	120	108	103			
				117	104	99	123	109	104			
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
				112	112	107	117	117	112			
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100			
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87			
		Grout Pump (100%)	1	105	105	100	105	105	100			
		Grout Mixer (100%)	1	90	90	75	90	90	75			
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99			
				112	112	105	112	112	105			
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
				118	113	106	118	113	106			
Maximum SWL				120	113	107	125	117	112			

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1025 - WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
GIC Sub-Structure (per site)	Mar 2019 - Aug 2019	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				121	114	108	124	118	111
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		118	113	106	122	116	109		
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Service Reservoir (per about 2 ha) - S1026 - WC32									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork	Mar 2020 - Feb 2021	Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Roller (CNP185) (50%)	2	105	101	96	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				118	110	103	121	111	105
Slopework (Soil Nail)		Rock Drill (CNP181) (penumatic) (100%)	2	128	128	118	131	131	121
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Air compressor (CNP002) (70%)	2	100	100	85	103	103	88
		Grout Pump (30%)	2	100	100	95	103	103	98
		Grout Mixer (30%)	2	85	85	80	88	88	83
		Hoist, Petrol (CNP123) (100%)	2	104	104	99	107	107	102
			128	128	118	131	131	121	
Slopework (Retaining Wall) (Cantilever, Cast in-situ)		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Mobile Crane (CNP048) (100%)	2	112	103	98	115	106	101
		Backhoe (CNP 081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Concrete Lorry Mixer (CNP044) (70%)	2	107	107	102	110	110	105
			117	112	105	120	115	108	
Service Reservoir Structure		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Concrete Lorry Mixer (CNP044) (70%)	2	107	107	102	110	110	105
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
			114	109	103	120	113	106	
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Truck (CNP067) (100%)	2	117	105	100	120	108	103
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
			118	105	101	121	109	104	
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	2	107	107	102	110	110	105
		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Asphalt Paver (CNP004) (100%)	2	109	104	99	112	107	102
		Roller (CNP185) (100%)	2	108	104	99	111	107	102
			114	110	105	117	113	108	
Blasting		Rock Drill (CNP183) (100%)	2	116	116	111	119	119	114
		Air Compressor (CNP003) (100%)	2	104	104	89	107	107	92
			116	116	111	119	119	114	
Maximum SWL				128	128	118	131	131	121

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Service Reservoir (per about 2 ha) - S1027 - WC09												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Earthwork	Nov 2017 - Jul 2018	Excavator (CNP081) (100%)	2	112	95	90	115	98	93			
		Generator (CNP103) (100%)	2	95	90	75	98	93	78			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Roller (CNP185) (100%)	2	108	104	99	111	107	102			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				118	111	103	121	112	106			
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	2	128	128	118	131	131	121			
		Generator (CNP103) (100%)	2	95	90	75	98	93	78			
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90			
		Grout Pump (100%)	2	105	105	100	108	108	103			
		Grout Mixer (100%)	2	90	90	75	93	93	78			
		Hoist, Petrol (CNP123) (100%)	2	104	104	99	107	107	102			
				128	128	118	131	131	121			
Slopework (Retaining Wall) (Cantilever, Cast in-situ)		Generator (CNP103) (100%)	2	95	90	75	98	93	78			
		Mobile Crane (CNP048) (100%)	2	112	103	98	115	106	101			
		Backhoe (CNP 081) (100%)	2	112	95	90	115	98	93			
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
		Concrete Lorry Mixer (CNP044) (70%)	2	107	107	102	110	110	105			
				117	112	105	120	115	108			
Service Reservoir Structure		Generator (CNP103) (100%)	2	95	90	75	98	93	78			
		Concrete Lorry Mixer (CNP044) (70%)	2	107	107	102	110	110	105			
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
				114	109	103	120	113	106			
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	2	112	95	90	115	98	93			
		Truck (CNP067) (100%)	2	117	105	100	120	108	103			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
				118	105	101	121	109	104			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	2	107	107	102	110	110	105			
		Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Asphalt Paver (CNP004) (100%)	2	109	104	99	112	107	102			
		Roller (CNP185) (100%)	2	108	104	99	111	107	102			
				114	110	105	117	113	108			
Blasting		Rock Drill (CNP183) (100%)	2	116	116	111	119	119	114			
		Air Compressor (CNP003) (100%)	2	104	104	89	107	107	92			
				116	116	111	119	119	114			
Maximum SWL				128	128	118	131	131	121			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1029 - WC31				SWL of Single PME					
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Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation / GIC (per about 2 ha) - S1029 - WC31												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Mar 2021 - Aug 2023	Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93			
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
				121	114	108	124	118	111			
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
		118	113	106	122	116	109					
Maximum SWL				121	114	108	124	118	111			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1030 - WC11									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Aug 2025 - Oct 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	121	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1032 - WC04				SWL of Single PME					
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Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation / GIC (per about 2 ha) - S1032 - WC04												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Mar 2020 - Aug 2020	Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93			
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
						121	114	108	124	118	111	
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
				118	113	106	122	116	109			
Maximum SWL				121	114	108	124	118	111			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1033 - WC11				SWL of Single PME						Total SWL		
Activity	Months	PME	Units									
Site Clearance	Aug 2025 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
					120	112	106	121	113	107		
Earthwork (Cut)			Excavator (CNP081) (100%)	1	112	95	90	112	95	90		
			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98		
			Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
			Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88		
					118	110	102	118	110	102		
Earthwork (Fill)			Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Roller (CNP185) (100%)	1	108	104	99	108	104	99		
			Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
					118	107	102	118	107	102		
Vertical drains			Vertical band drain installation rig (100%)	3	112	112	107	117	117	112		
			Generator (CNP103) (100%)	3	95	90	75	100	95	80		
					112	112	107	117	117	112		
Slopework (Soil Nail)			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Air compressor (CNP002) (100%)	1	102	102	87	102	102	87		
			Grout Pump (100%)	1	105	105	100	105	105	100		
			Grout Mixer (100%)	1	90	90	75	90	90	75		
			Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100		
			Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99		
					112	112	105	112	112	105		
Slopework (Retaining Wall)			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98		
			Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
			Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90		
			Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94		
			Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100		
			Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92		
			Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102		
					118	113	106	118	113	106		
Maximum SWL				120	113	107	121	117	112			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation (per about 2 ha) - S1034 - WC11									
Activity	Months	PME	Units						
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Aug 2025 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL				120	113	107	121	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1035 - WC11									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Aug 2024 - Jul 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	121	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1035 - WC11									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
GIC Sub-Structure (per site)	Aug 2026 - Jan 2027	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				121	114	108	124	118	111
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
				118	113	106	122	116	109
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1036 - WC11									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Aug 2024 - Jul 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	121	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1037 - WC11									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Aug 2024 - Jul 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	121	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1038 - WC11										
Activity	Months	PME	Units	SWL of Single PME			Total SWL			
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Site Clearance	Aug 2024 - Jul 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101	
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101	
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101	
				120	112	106	121	113	107	
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88	
			118	110	102	118	110	102		
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
			118	107	102	118	107	102		
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112	
		Generator (CNP103) (100%)	3	95	90	75	100	95	80	
				112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87	
		Grout Pump (100%)	1	105	105	100	105	105	100	
		Grout Mixer (100%)	1	90	90	75	90	90	75	
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100	
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99	
			112	112	105	112	112	105		
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94	
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100	
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
			118	113	106	118	113	106		
Maximum SWL				120	113	107	121	117	112	

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1039 - WC11									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Aug 2024 - Jul 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			120	112	106	121	113	107	
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	121	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1040 - WC11				SWL of Single PME					
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Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1040 - WC11									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
GIC Sub-Structure (per site)	Aug 2026 - Jan 2027	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				121	114	108	124	118	111
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		118	113	106	122	116	109		
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1041 - WC11				SWL of Single PME						Total SWL		
Activity	Months	PME	Units									
Site Clearance	Aug 2025 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
					120	112	106	121	113	107		
Earthwork (Cut)			Excavator (CNP081) (100%)	1	112	95	90	112	95	90		
			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98		
			Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
			Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88		
					118	110	102	118	110	102		
Earthwork (Fill)			Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Roller (CNP185) (100%)	1	108	104	99	108	104	99		
			Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
					118	107	102	118	107	102		
Vertical drains			Vertical band drain installation rig (100%)	3	112	112	107	117	117	112		
			Generator (CNP103) (100%)	3	95	90	75	100	95	80		
					112	112	107	117	117	112		
Slopework (Soil Nail)			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Air compressor (CNP002) (100%)	1	102	102	87	102	102	87		
			Grout Pump (100%)	1	105	105	100	105	105	100		
			Grout Mixer (100%)	1	90	90	75	90	90	75		
			Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100		
			Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99		
					112	112	105	112	112	105		
Slopework (Retaining Wall)			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98		
			Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
			Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90		
			Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94		
			Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100		
			Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92		
			Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102		
					118	113	106	118	113	106		
Maximum SWL				120	113	107	121	117	112			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation / GIC (per about 2 ha) - S1041 - WC11												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Aug 2026 - Jan 2027	Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93			
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
				121	114	108	124	118	111			
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
				118	113	106	122	116	109			
Maximum SWL				121	114	108	124	118	111			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1042 - WC11				SWL of Single PME						Total SWL		
Activity	Months	PME	Units									
Site Clearance	Aug 2025 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				120	112	106	121	113	107			
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
			118	110	102	118	110	102				
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
			118	107	102	118	107	102				
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
				112	112	107	117	117	112			
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87			
		Grout Pump (100%)	1	105	105	100	105	105	100			
		Grout Mixer (100%)	1	90	90	75	90	90	75			
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100			
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99			
			112	112	105	112	112	105				
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
				118	113	106	118	113	106			
Maximum SWL				120	113	107	121	117	112			

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1042 - WC11									
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Aug 2026 - Jan 2027	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
						121	114	108	124
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
				118	113	106	122	116	109
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1043 - WC11										
Activity	Months	PME	Units	SWL of Single PME			Total SWL			
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Site Clearance	Aug 2024 - Jul 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101	
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101	
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101	
				120	112	106	121	113	107	
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88	
			118	110	102	118	110	102		
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
			118	107	102	118	107	102		
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112	
		Generator (CNP103) (100%)	3	95	90	75	100	95	80	
				112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87	
		Grout Pump (100%)	1	105	105	100	105	105	100	
		Grout Mixer (100%)	1	90	90	75	90	90	75	
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100	
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99	
			112	112	105	112	112	105		
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94	
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100	
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
			118	113	106	118	113	106		
Maximum SWL				120	113	107	121	117	112	

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1044 - WC11									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Aug 2024 - Jul 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL				120	113	107	121	117	112

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation (per about 2 ha) - S1045 - WC11												
Activity	Months	PME	Units									
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Aug 2024 - Jul 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				120	112	106	121	113	107			
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
			118	110	102	118	110	102				
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
			118	107	102	118	107	102				
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
					112	112	107	117	117	112		
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87			
		Grout Pump (100%)	1	105	105	100	105	105	100			
		Grout Mixer (100%)	1	90	90	75	90	90	75			
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100			
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99			
					112	112	105	112	112	105		
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
				118	113	106	118	113	106			
Maximum SWL				120	113	107	121	117	112			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1046 - WC11									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Aug 2024 - Jul 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	121	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1047 - WC18									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	May 2022 - Jul 2023	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			120	112	106	121	113	107	
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	121	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1054 - WC12				SWL of Single PME					
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Apr 2025 - Nov 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			120	112	106	121	113	107	
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL			120	113	107	121	117	112	

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation (per about 2 ha) - S1055 - WC12												
Activity	Months	PME	Units									
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Apr 2025 - Nov 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				120	112	106	121	113	107			
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
			118	110	102	118	110	102				
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
			118	107	102	118	107	102				
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
			112	112	107	117	117	112				
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87			
		Grout Pump (100%)	1	105	105	100	105	105	100			
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100			
		Grout Mixer (100%)	1	90	90	75	90	90	75			
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99			
			128	128	118	128	128	118				
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
				118	113	106	118	113	106			
Maximum SWL				128	128	118	128	128	118			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation / GIC (per about 2 ha) - S1056 - WC12												
Activity	Months	PME	Units									
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Apr 2025 - Nov 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				120	112	106	121	113	107			
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
			118	110	102	118	110	102				
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
			118	107	102	118	107	102				
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
			112	112	107	117	117	112				
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87			
		Grout Pump (100%)	1	105	105	100	105	105	100			
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100			
		Grout Mixer (100%)	1	90	90	75	90	90	75			
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99			
			128	128	118	128	128	118				
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
			118	113	106	118	113	106				
Maximum SWL				128	128	118	128	128	118			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation / GIC (per about 2 ha) - S1056 - WC12												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Apr 2026 - Sep 2026	Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93			
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
				121	114	108	124	118	111			
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
				118	113	106	122	116	109			
Maximum SWL				121	114	108	124	118	111			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation / GIC (per about 2 ha) - S1057 - WC12												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Apr 2025 - Nov 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				120	112	106	121	113	107			
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
			118	110	102	118	110	102				
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
			118	107	102	118	107	102				
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
					112	112	107	117	117	112		
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87			
		Grout Pump (100%)	1	105	105	100	105	105	100			
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100			
		Grout Mixer (100%)	1	90	90	75	90	90	75			
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99			
			128	128	118	128	128	118				
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
				118	113	106	118	113	106			
Maximum SWL				128	128	118	128	128	118			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation / GIC (per about 2 ha) - S1057 - WC12												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Apr 2026 - Sep 2026	Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93			
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
						121	114	108	124	118	111	
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
				118	113	106	122	116	109			
Maximum SWL				121	114	108	124	118	111			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation / GIC (per about 2 ha) - S1058 - WC12												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Apr 2025 - Nov 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				120	112	106	121	113	107			
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
			118	110	102	118	110	102				
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
			118	107	102	118	107	102				
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
				112	112	107	117	117	112			
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87			
		Grout Pump (100%)	1	105	105	100	105	105	100			
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100			
		Grout Mixer (100%)	1	90	90	75	90	90	75			
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99			
			128	128	118	128	128	118				
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
				118	113	106	118	113	106			
Maximum SWL				128	128	118	128	128	118			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation / GIC (per about 2 ha) - S1058 - WC12												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Apr 2026 - Sep 2026	Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93			
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
				121	114	108	124	118	111			
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
				118	113	106	122	116	109			
Maximum SWL				121	114	108	124	118	111			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation (per about 2 ha) - S1059 - WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Apr 2025 - Nov 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			128	128	118	128	128	118	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL				128	128	118	128	128	118

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation (per about 2 ha) - S1060 - WC12									
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Apr 2025 - Nov 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			128	128	118	128	128	118	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL				128	128	118	128	128	118

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation (per about 2 ha) - S1061 - WC12									
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Apr 2025 - Nov 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			128	128	118	128	128	118	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL				128	128	118	128	128	118

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation (per about 2 ha) - S1062 - WC12									
Activity	Months	PME	Units						
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Aug 2024 - Mar 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			128	128	118	128	128	118	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL				128	128	118	128	128	118

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1063 - WC12										
Activity	Months	PME	Units	SWL of Single PME			Total SWL			
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Site Clearance	Aug 2024 - Mar 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101	
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101	
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101	
			120	112	106	121	113	107		
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88	
			118	110	102	118	110	102		
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
			118	107	102	118	107	102		
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112	
		Generator (CNP103) (100%)	3	95	90	75	100	95	80	
				112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87	
		Grout Pump (100%)	1	105	105	100	105	105	100	
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100	
		Grout Mixer (100%)	1	90	90	75	90	90	75	
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99	
			128	128	118	128	128	105		
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100	
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94	
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
			118	113	106	118	113	106		
Maximum SWL				128	128	118	128	128	112	

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1063 - WC12									
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Apr 2026 - Sep 2026	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
						121	114	108	124
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
				118	113	106	122	116	109
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1064 - WC21									
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Jan 2018 - Dec 2019	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			128	128	118	128	128	118	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL				128	128	118	128	128	118

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1064 - WC21									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
GIC Sub-Structure (per site)	Jan 2020 - Jun 2020	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
						121	114	108	124
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
				118	113	106	122	116	109
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation (per about 2 ha) - S1065 - WC12												
Activity	Months	PME	Units									
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Aug 2024 - Mar 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				120	112	106	121	113	107			
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
			118	110	102	118	110	102				
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
			118	107	102	118	107	102				
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
					112	112	107	117	117	112		
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87			
		Grout Pump (100%)	1	105	105	100	105	105	100			
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100			
		Grout Mixer (100%)	1	90	90	75	90	90	75			
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99			
			128	128	118	128	128	118				
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
				118	113	106	118	113	106			
Maximum SWL				128	128	118	128	128	118			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation / GIC (per about 2 ha) - S1066 - WC12												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Aug 2024 - Mar 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				120	112	106	121	113	107			
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
			118	110	102	118	110	102				
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
			118	107	102	118	107	102				
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
				112	112	107	117	117	112			
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87			
		Grout Pump (100%)	1	105	105	100	105	105	100			
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100			
		Grout Mixer (100%)	1	90	90	75	90	90	75			
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99			
				128	128	118	128	128	118			
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
				118	113	106	118	113	106			
Maximum SWL				128	128	118	128	128	118			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1066 - WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
GIC Sub-Structure (per site)	Apr 2026 - Sep 2026	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				121	114	108	124	118	111
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
				118	113	106	122	116	109
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1067 - WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Aug 2024 - Mar 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			120	112	106	121	113	107	
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	121	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1067 - WC12									
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Apr 2026 - Sep 2026	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
						121	114	108	124
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
				118	113	106	122	116	109
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

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Site Formation (per about 2 ha) - S1068 - WC12										
Activity	Months	PME	Units	SWL of Single PME			Total SWL			
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Site Clearance	Aug 2024 - Mar 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101	
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101	
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101	
			120	112	106	121	113	107		
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88	
			118	110	102	118	110	102		
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
			118	107	102	118	107	102		
Vertical drains		Vertical band drain installation rig (100%)	1	112	112	107	112	112	107	
		Generator (CNP103) (100%)	3	95	90	75	100	95	80	
			112	112	107	112	112	107		
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87	
		Grout Pump (100%)	1	105	105	100	105	105	100	
		Grout Mixer (100%)	1	90	90	75	90	90	75	
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100	
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99	
			112	112	105	112	112	105		
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94	
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100	
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
			118	113	106	118	113	106		
Maximum SWL				120	113	107	121	113	107	

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1069 - WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Nov 2025 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	6	112	95	90	120	103	98
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104
		Water pump (CNP281) (Electric) (100%)	4	88	88	88	94	94	94
			118	110	102	124	112	106	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	6	112	95	90	120	103	98
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
		Roller (CNP185) (100%)	4	108	104	99	114	110	105
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104
			118	107	102	124	113	108	
Solidification		Backhoe (CNP 081) (100%)	4	112	95	90	118	101	96
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			117	104	99	121	108	103	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	124	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1070 - WC12				SWL of Single PME						Total SWL		
Activity	Months	PME	Units									
Site Clearance	Dec 2025 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				120	112	106	121	113	107			
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
			118	110	102	118	110	102				
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
				118	107	102	118	107	102			
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
				112	112	107	117	117	112			
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87			
		Grout Pump (100%)	1	105	105	100	105	105	100			
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100			
		Grout Mixer (100%)	1	90	90	75	90	90	75			
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99			
				112	112	105	112	112	105			
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
				118	113	106	118	113	106			
Maximum SWL				120	113	107	121	117	112			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1071 - WC12				SWL of Single PME						Total SWL		
Activity	Months	PME	Units									
Site Clearance	Dec 2025 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
					120	112	106	121	113	107		
Earthwork (Cut)			Excavator (CNP081) (100%)	1	112	95	90	112	95	90		
			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98		
			Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
			Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88		
					118	110	102	118	110	102		
Earthwork (Fill)			Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Roller (CNP185) (100%)	1	108	104	99	108	104	99		
			Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
					118	107	102	118	107	102		
Vertical drains			Vertical band drain installation rig (100%)	3	112	112	107	117	117	112		
			Generator (CNP103) (100%)	3	95	90	75	100	95	80		
					112	112	107	117	117	112		
Slopework (Soil Nail)			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Air compressor (CNP002) (100%)	1	102	102	87	102	102	87		
			Grout Pump (100%)	1	105	105	100	105	105	100		
			Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100		
			Grout Mixer (100%)	1	90	90	75	90	90	75		
			Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99		
					128	128	118	128	128	105		
Slopework (Retaining Wall)			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98		
			Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
			Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90		
			Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100		
			Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92		
			Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94		
			Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102		
					118	113	106	118	113	106		
Maximum SWL				128	128	118	128	128	112			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1071 - WC12									
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Aug 2026 - Jan 2027	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
						121	114	108	124
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
				118	113	106	122	116	109
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1072 - WC04				SWL of Single PME					
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Mar 2018 - Aug 2019	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
				118	107	102	118	107	102
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL			120	113	107	121	117	112	

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation / GIC (per about 2 ha) - S1072 - WC04												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Sep 2019 - Feb 2019	Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93			
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
						121	114	108	124	118	111	
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78			
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107			
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98			
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97			
				118	113	106	122	116	109			
Maximum SWL				121	114	108	124	118	111			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1073 - WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Aug 2024 - Mar 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	1	112	112	107	112	112	107
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	112	112	107	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	121	113	107

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

Site Formation (per about 2 ha) - S1075 - WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Dec 2025 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	110	102	118	110	102
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
				118	107	102	118	107	102
Vertical drains		Vertical band drain installation rig (100%)	2	112	112	107	115	115	110
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	115	115	110
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL				120	113	107	121	115	110

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1076 - WC12				SWL of Single PME					
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Dec 2025 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			120	112	106	121	113	107	
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	2	112	112	107	115	115	110
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	115	115	110	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	121	115	110

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

Site Formation (per about 2 ha) - S1077 - WC12				SWL of Single PME						Total SWL		
Activity	Months	PME	Units									
Site Clearance	Dec 2025 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				120	112	106	121	113	107			
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
			118	110	102	118	110	102				
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
				118	107	102	118	107	102			
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
				112	112	107	117	117	112			
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87			
		Grout Pump (100%)	1	105	105	100	105	105	100			
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100			
		Grout Mixer (100%)	1	90	90	75	90	90	75			
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99			
				112	112	105	112	112	105			
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
				118	113	106	118	113	106			
Maximum SWL				120	113	107	121	117	112			

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1078 - WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Dec 2025 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	2	112	112	107	115	115	110
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	115	115	110
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL			120	113	107	121	115	110	

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1078 - WC12									
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Aug 2026 - Jan 2027	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
						121	114	108	124
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
				118	113	106	122	116	109
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation (per about 2 ha) - S1079 - WC12												
Activity	Months	PME	Units									
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Aug 2024 - Mar 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				120	112	106	121	113	107			
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
			118	110	102	118	110	102				
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
				118	107	102	118	107	102			
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
					112	112	107	117	117	112		
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87			
		Grout Pump (100%)	1	105	105	100	105	105	100			
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100			
		Grout Mixer (100%)	1	90	90	75	90	90	75			
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99			
				128	128	118	128	128	118			
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
				118	113	106	118	113	106			
Maximum SWL				128	128	118	128	128	118			

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME						
Site Formation (per about 2 ha) - S1080 - WC12										
Activity	Months	PME	Units	Total SWL						
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Site Clearance	Dec 2025 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101	
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101	
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101	
Earthwork (Cut)					120	112	106	121	113	107
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88	
Earthwork (Fill)					118	110	102	118	110	102
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
					118	107	102	118	107	102
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112	
		Generator (CNP103) (100%)	3	95	90	75	100	95	80	
Slopework (Soil Nail)					112	112	107	117	117	112
		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87	
		Grout Pump (100%)	1	105	105	100	105	105	100	
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100	
		Grout Mixer (100%)	1	90	90	75	90	90	75	
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99	
Slopework (Retaining Wall)					128	128	118	128	128	118
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100	
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94	
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
					118	113	106	118	113	106
Maximum SWL				128	128	118	128	128	118	

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME					
Site Formation (per about 2 ha) - S1081 - WC12									
Activity	Months	PME	Units						
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Dec 2025 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			128	128	118	128	128	118	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL				128	128	118	128	128	118

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation (per about 2 ha) - S1082 - WC12									
Activity	Months	PME	Units						
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Dec 2025 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			128	128	118	128	128	118	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				128	128	118	128	128	118

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation (per about 2 ha) - S1083 - WC12									
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Dec 2025 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			128	128	118	128	128	118	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL			128	128	118	128	128	118	

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						
Site Formation (per about 2 ha) - S1084 - WC29										
Activity	Months	PME	Units	SWL of Single PME			Total SWL			
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Site Clearance	Jul 2020 - Jun 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101	
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101	
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101	
Earthwork (Cut)					120	112	106	121	113	107
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88	
Earthwork (Fill)					118	110	102	118	110	102
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
					118	107	102	118	107	102
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112	
		Generator (CNP103) (100%)	3	95	90	75	100	95	80	
Slopework (Soil Nail)					112	112	107	117	117	112
		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87	
		Grout Pump (100%)	1	105	105	100	105	105	100	
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100	
		Grout Mixer (100%)	1	90	90	75	90	90	75	
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99	
Slopework (Retaining Wall)					128	128	118	128	128	118
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100	
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94	
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
					118	113	106	118	113	106
Maximum SWL				128	128	118	128	128	118	

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1085 – WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Aug 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1086 – WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2019 - Aug 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
					118	111	106	119	112
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	105	101	118	105	101	
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1087 – WC04				SWL of Single PME						Total SWL		
Activity	Months	PME	Units									
Earthwork (Excavation and Backfill)	Sep 2018 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				118	107	102	120	109	104			
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
				118	111	106	119	112	106			
		Roadwork (Laying Utilities)	Excavator (CNP081) (100%)	1	112	95	90	112	95	90		
Truck (CNP067) (100%)			1	117	105	100	117	105	100			
Water pump (CNP281) (Electric) (100%)			1	88	88	88	88	88	88			
Roadwork (Paving)				118	105	101	118	105	101			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
			117	111	105	117	111	105				
Maximum SWL				118	111	106	120	112	106			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1088 – WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Sep 2019 - Aug 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	105	101	118	105	101	
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		117	111	105	117	111	105		
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1089 – WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Sep 2019 - Aug 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1090 – WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Sep 2019 - Aug 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
					118	111	106	119	112
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	105	101	118	105	101	
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1091 – WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Sep 2019 - Aug 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1092 – WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Sep 2019 - Aug 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1093 – WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Sep 2019 - Aug 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1094 – WC11									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2026 - Jan 2028	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1095 – WC11										
Activity	Months	PME	Units	SWL of Single PME			Total SWL			
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Earthwork (Excavation and Backfill)	Aug 2025 - Jan 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101	
			118	107	102	120	109	104		
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95	
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100	
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91	
				118	111	106	119	112	106	
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Truck (CNP067) (100%)	1	117	105	100	117	105	100	
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88	
					118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
		Generator (CNP101) (100%)	1	108	90	75	108	90	75	
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
			117	111	105	117	111	105		
Maximum SWL				118	111	106	120	112	106	

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL			
Internal Access Route (per 200m) - S1097 – WC11													
Activity	Months	PME	Units										
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated				
Earthwork (Excavation and Backfill)	Aug 2025 - Jan 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90				
		Generator (CNP103) (100%)	1	95	90	75	95	90	75				
		Roller (CNP185) (100%)	1	108	104	99	108	104	99				
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101				
					118	107	102	120	109	104			
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100				
		Generator (CNP103) (100%)	1	95	90	75	95	90	75				
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102				
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90				
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95				
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100				
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90				
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91				
						118	111	106	119	112	106		
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90				
		Truck (CNP067) (100%)	1	117	105	100	117	105	100				
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88				
					118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102				
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92				
		Generator (CNP101) (100%)	1	108	90	75	108	90	75				
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99				
		Roller (CNP185) (100%)	1	108	104	99	108	104	99				
					117	111	105	117	111	105			
Maximum SWL				118	111	106	120	112	106				

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Internal Access Route (per 200m) - S1098 – WC11												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Earthwork (Excavation and Backfill)	Aug 2025 - Jan 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
			118	107	102	120	109	104				
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
				118	111	106	119	112	106			
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Truck (CNP067) (100%)	1	117	105	100	117	105	100			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
				118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
				117	111	105	117	111	105			
Maximum SWL				118	111	106	120	112	106			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1099 – WC11									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2025 - Jan 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1100 – WC11									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2025 - Jan 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				118	107	102	120	109	104
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
		Roadwork (Laying Utilities)	Excavator (CNP081) (100%)	1	112	95	90	112	95
Truck (CNP067) (100%)			1	117	105	100	117	105	100
Water pump (CNP281) (Electric) (100%)			1	88	88	88	88	88	88
Roadwork (Paving)				118	105	101	118	105	101
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME Total SWL					
Internal Access Route (per 200m) - S1101 – WC11									
Activity	Months	PME	Units						
Earthwork (Excavation and Backfill)	Aug 2025 - Jan 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				118	107	102	120	109	104
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1103 – WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Dec 2025 - May 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1104 – WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Dec 2025 - May 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Internal Access Route (per 200m) - S1105 – WC12												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Earthwork (Excavation and Backfill)	Dec 2025 - May 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
			118	107	102	120	109	104				
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
				118	111	106	119	112	106			
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Truck (CNP067) (100%)	1	117	105	100	117	105	100			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
				118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
				117	111	105	117	111	105			
Maximum SWL				118	111	106	120	112	106			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Internal Access Route (per 200m) - S1106 – WC12												
Activity	Months	PME	Units									
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Earthwork (Excavation and Backfill)	Dec 2025 - May 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				118	107	102	120	109	104			
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
				118	111	106	119	112	106			
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Truck (CNP067) (100%)	1	117	105	100	117	105	100			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
				118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
				117	111	105	117	111	105			
Maximum SWL				118	111	106	120	112	106			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL			
Internal Access Route (per 200m) - S1107 – WC12													
Activity	Months	PME	Units										
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated				
Earthwork (Excavation and Backfill)	Dec 2025 - May 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90				
		Generator (CNP103) (100%)	1	95	90	75	95	90	75				
		Roller (CNP185) (100%)	1	108	104	99	108	104	99				
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101				
			118	107	102	120	109	104					
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100				
		Generator (CNP103) (100%)	1	95	90	75	95	90	75				
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102				
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90				
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95				
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100				
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90				
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91				
				118	111	106	119	112	106				
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90				
		Truck (CNP067) (100%)	1	117	105	100	117	105	100				
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88				
					118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102				
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92				
		Generator (CNP101) (100%)	1	108	90	75	108	90	75				
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99				
		Roller (CNP185) (100%)	1	108	104	99	108	104	99				
				117	111	105	117	111	105				
Maximum SWL				118	111	106	120	112	106				

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1108 – WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Dec 2025 - May 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
					118	111	106	119	112
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	105	101	118	105	101	
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Internal Access Route (per 200m) - S1111 – WC04												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Earthwork (Excavation and Backfill)	Sep 2019 - Aug 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
			118	107	102	120	109	104				
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
			118	111	106	119	112	106				
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Truck (CNP067) (100%)	1	117	105	100	117	105	100			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
			118	105	101	118	105	101				
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
			117	111	105	117	111	105				
Maximum SWL				118	111	106	120	112	106			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1112 – WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Sep 2019 - Aug 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

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Internal Access Route (per 200m) - S1113 – WC12										
Activity	Months	PME	Units	SWL of Single PME			Total SWL			
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Earthwork (Excavation and Backfill)	Arp 2025 - Sep 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101	
			118	107	102	120	109	104		
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95	
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100	
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91	
				118	111	106	119	112	106	
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Truck (CNP067) (100%)	1	117	105	100	117	105	100	
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88	
					118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
		Generator (CNP101) (100%)	1	108	90	75	108	90	75	
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
			117	111	105	117	111	105		
Maximum SWL				118	111	106	120	112	106	

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME					
Internal Access Route (per 200m) - S1114 – WC12									
Activity	Months	PME	Units						
Earthwork (Excavation and Backfill)	Arp 2025 - Sep 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	105	101	118	105	101	
Roadwork (Paving)	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

Internal Access Route (per 200m) - S1115 – WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Sep 2019 - Aug 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
			118	111	106	119	112	106	
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME						Total SWL		
Internal Access Route (per 200m) - S1116 – WC12												
Activity	Months	PME	Units									
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Earthwork (Excavation and Backfill)	Aug 2026 - Jan 2028	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				118	107	102	120	109	104			
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
				118	111	106	119	112	106			
		Roadwork (Laying Utilities)	Excavator (CNP081) (100%)	1	112	95	90	112	95	90		
Truck (CNP067) (100%)			1	117	105	100	117	105	100			
Water pump (CNP281) (Electric) (100%)			1	88	88	88	88	88	88			
				118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
				117	111	105	117	111	105			
Maximum SWL				118	111	106	120	112	106			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1120 – WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2026 - Jan 2028	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1121 – WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2026 - Jan 2028	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
					118	111	106	119	112
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	105	101	118	105	101	
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1122 – WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2026 - Jan 2028	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1123 – WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2026 - Jan 2028	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Internal Access Route (per 200m) - S1124 – WC12									
Activity	Months	PME	Units						
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Dec 2025 - May 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	105	101	118	105	101	
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

Internal Access Route (per 200m) - S1125 – WC03									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2022	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME						Total SWL		
Internal Access Route (per 200m) - S1126 – WC03												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2022	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
			118	107	102	120	109	104				
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
				118	111	106	119	112	106			
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Truck (CNP067) (100%)	1	117	105	100	117	105	100			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
				118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
			117	111	105	117	111	105				
Maximum SWL				118	111	106	120	112	106			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1127 – WC03									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2022	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1128 – WC03									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2022	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				118	107	102	120	109	104
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Internal Access Route (per 200m) - S1130 – WC03												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2022	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
			118	107	102	120	109	104				
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
				118	111	106	119	112	106			
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Truck (CNP067) (100%)	1	117	105	100	117	105	100			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
				118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
			117	111	105	117	111	105				
Maximum SWL				118	111	106	120	112	106			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1131 – WC03									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2022	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1132 – WC03										
Activity	Months	PME	Units	SWL of Single PME			Total SWL			
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2022	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101	
			118	107	102	120	109	104		
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95	
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100	
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91	
				118	111	106	119	112	106	
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Truck (CNP067) (100%)	1	117	105	100	117	105	100	
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88	
					118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
		Generator (CNP101) (100%)	1	108	90	75	108	90	75	
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
			117	111	105	117	111	105		
Maximum SWL				118	111	106	120	112	106	

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1133 – WC03									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2022	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				118	107	102	120	109	104
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

External Access Route (per 200m) – S1135 – WC10									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Aug 2025 - Nov 2026	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
	Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104	
	Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95	
	Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94	
		118	113	106	119	113	106		
Superstructure (Segmental Launching)	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97	
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
	Lorry (CNP141) (100%)	1	112	105	100	112	105	100	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
		117	108	103	117	108	103		
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1136 – WC10				SWL of Single PME					
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Aug 2025 - Nov 2026	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
	Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104	
	Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95	
	Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94	
			118	113	106	119	113	106	
Superstructure (Segmental Launching)	Aug 2025 - Nov 2026	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1137 – WC10				SWL of Single PME					
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Aug 2025 - Nov 2026	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
				118	113	106	119	113	106
Superstructure (Segmental Launching)	Aug 2025 - Nov 2026	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1138 – WC10									
				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Aug 2025 - Nov 2026	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
				118	113	106	119	113	106
Superstructure (Segmental Launching)	Aug 2025 - Nov 2026	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1139 – WC10				SWL of Single PME					
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Aug 2025 - Nov 2026	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
				118	113	106	119	113	106
Superstructure (Segmental Launching)	Aug 2025 - Nov 2026	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1140 – WC10				SWL of Single PME					
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Aug 2025 - Nov 2026	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
			118	113	106	119	113	106	
Superstructure (Segmental Launching)	Aug 2025 - Nov 2026	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		117	108	103	117	108	103		
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
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External Access Route (per 200m) – S1141 – WC10									
				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Aug 2025 - Nov 2026	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
	Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104	
	Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95	
	Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94	
			118	113	106	119	113	106	
Superstructure (Segmental Launching)	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97	
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
	Lorry (CNP141) (100%)	1	112	105	100	112	105	100	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
			114	110	105	114	110	105	
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1142 – WC10									
				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Aug 2025 - Nov 2026	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
				118	113	106	119	113	106
Superstructure (Segmental Launching)	Aug 2025 - Nov 2026	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1143 – WC10									
				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Aug 2025 - Nov 2026	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
				119	113	108	120	113	108
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
	Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104	
	Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95	
	Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94	
			118	113	106	119	113	106	
Superstructure (Segmental Launching)	Aug 2025 - Nov 2026	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1144 – WC10									
				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Aug 2025 - Nov 2026	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
				118	113	106	119	113	106
Superstructure (Segmental Launching)	Aug 2025 - Nov 2026	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		117	108	103	117	108	103		
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1145 – WC10									
				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Aug 2025 - Nov 2026	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
				119	113	108	120	113	108
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
				118	113	106	119	113	106
Superstructure (Segmental Launching)	Aug 2025 - Nov 2026	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
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External Access Route (per 200m) – S1146 – WC10				SWL of Single PME					
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Dec 2026 - Mar 2028	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
				118	113	106	119	113	106
Superstructure (Segmental Launching)	Dec 2026 - Mar 2028	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
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External Access Route (per 200m) – S1147 – WC10				SWL of Single PME					
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Dec 2026 - Mar 2028	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
			118	113	106	119	113	106	
Superstructure (Segmental Launching)	Dec 2026 - Mar 2028	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		117	108	103	117	108	103		
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1148 – WC10				SWL of Single PME					
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Dec 2026 - Mar 2028	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
				118	113	106	119	113	106
Superstructure (Segmental Launching)	Dec 2026 - Mar 2028	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1149 – WC10				SWL of Single PME					
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Dec 2026 - Mar 2028	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
				119	113	108	120	113	108
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
				118	113	106	119	113	106
Superstructure (Segmental Launching)	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97	
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
	Lorry (CNP141) (100%)	1	112	105	100	112	105	100	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
			114	110	105	114	110	105	
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1150 – WC10				SWL of Single PME					
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Apr 2028 - Jul 2029	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
	Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104	
	Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95	
	Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94	
			118	113	106	119	113	106	
Superstructure (Segmental Launching)	Apr 2028 - Jul 2029	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1151 – WC10				SWL of Single PME					
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Apr 2028 - Jul 2029	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
			118	113	106	119	113	106	
Superstructure (Segmental Launching)	Apr 2028 - Jul 2029	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		117	108	103	117	108	103		
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
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External Access Route (per 200m) – S1152 – WC10				SWL of Single PME					
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Apr 2028 - Jul 2029	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
	Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104	
	Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95	
	Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94	
			118	113	106	119	113	106	
Superstructure (Segmental Launching)	Apr 2028 - Jul 2029	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
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External Access Route (per 200m) – S1153 – WC10				SWL of Single PME					
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Apr 2028 - Jul 2029	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
			118	113	106	119	113	106	
Superstructure (Segmental Launching)	Apr 2028 - Jul 2029	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		117	108	103	117	108	103		
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1154 – WC10									
				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Apr 2028 - Jul 2029	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
	Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104	
	Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95	
	Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94	
			118	113	106	119	113	106	
Superstructure (Segmental Launching)	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97	
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
	Lorry (CNP141) (100%)	1	112	105	100	112	105	100	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
			114	110	105	114	110	105	
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1155 – WC10				SWL of Single PME					
				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Apr 2028 - Jul 2029	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
				119	113	108	120	113	108
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
				118	113	106	119	113	106
Superstructure (Segmental Launching)	Apr 2028 - Jul 2029	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1156 – WC10				SWL of Single PME					
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Apr 2028 - Jul 2029	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
			118	113	106	119	113	106	
Superstructure (Segmental Launching)	Apr 2028 - Jul 2029	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		117	108	103	117	108	103		
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1157 – WC10				SWL of Single PME					
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Apr 2028 - Jul 2029	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
			118	113	106	119	113	106	
Superstructure (Segmental Launching)	Apr 2028 - Jul 2029	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		117	108	103	117	108	103		
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

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External Access Route (per 200m) – S1158 – WC10									
				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Apr 2028 - Jul 2029	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
				118	113	106	119	113	106
Superstructure (Segmental Launching)	Apr 2028 - Jul 2029	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		114	110	105	114	110	105		
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

External Access Route (per 200m) – S1159 – WC10				SWL of Single PME					
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling--Excavation	Apr 2028 - Jul 2029	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Breaker (CNP025) (100%)	1	111	111	106	111	111	106
			119	113	108	120	113	108	
Piling--Concreting		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Piling, Large Bored Pile (CNP166) (100%)	1	100	100	95	100	100	95
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			115	110	105	115	110	105	
Pile Cap--Excavation		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	108	100	118	108	100
Pile Cap--Concreting		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
			117	110	104	118	110	104	
Superstructure (Cast in-situ)		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Concrete Pump (CNP047) (100%)	1	109	109	94	109	109	94
				118	113	106	119	113	106
Superstructure (Segmental Launching)	Gantry Gribder, mobile (CNP048) (100%)	1	112	102	97	112	102	97	
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
	Lorry (CNP141) (100%)	1	112	105	100	112	105	100	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
			117	108	103	117	108	103	
Surfacing	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
			114	110	105	114	110	105	
Maximum SWL				119	113	108	120	113	108

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1164 – WC32									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1165 – WC32									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1166 – WC32									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1167 – WC32									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				118	107	102	120	109	104
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL			118	111	106	120	112	106	

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1168 – WC32									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
					118	111	106	119	112
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	105	101	118	105	101	
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1169 – WC32									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1170 – WC32									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Internal Access Route (per 200m) - S1171 – WC32												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
			118	107	102	120	109	104				
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
				118	111	106	119	112	106			
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Truck (CNP067) (100%)	1	117	105	100	117	105	100			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
				118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
				117	111	105	117	111	105			
Maximum SWL				118	111	106	120	112	106			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1172 – WC32									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

Internal Access Route (per 200m) - S1173 – WC32									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				118	107	102	120	109	104
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1174 – WC32									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
	Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88	
			118	105	101	118	105	101	
Roadwork (Paving)	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1175 – WC03										
Activity	Months	PME	Units	SWL of Single PME			Total SWL			
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2022	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101	
			118	107	102	120	109	104		
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95	
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100	
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91	
				118	111	106	119	112	106	
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Truck (CNP067) (100%)	1	117	105	100	117	105	100	
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88	
					118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
		Generator (CNP101) (100%)	1	108	90	75	108	90	75	
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
			117	111	105	117	111	105		
Maximum SWL				118	111	106	120	112	106	

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1176 – WC03									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2022	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME						Total SWL		
Internal Access Route (per 200m) - S1177 – WC03												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2022	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
			118	107	102	120	109	104				
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
				118	111	106	119	112	106			
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Truck (CNP067) (100%)	1	117	105	100	117	105	100			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
				118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
			117	111	105	117	111	105				
Maximum SWL				118	111	106	120	112	106			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1178 – WC03				SWL of Single PME						Total SWL		
Activity	Months	PME	Units									
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2022	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				118	107	102	120	109	104			
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
				118	111	106	119	112	106			
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Truck (CNP067) (100%)	1	117	105	100	117	105	100			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
				118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
				117	111	105	117	111	105			
Maximum SWL				118	111	106	120	112	106			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1179 – WC03									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2022	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Internal Access Route (per 200m) - S1180 – WC12												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Earthwork (Excavation and Backfill)	Aug 2026 - Nov2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
				118	107	102	118	107	102			
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Truck (CNP067) (100%)	1	117	105	100	117	105	100			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
				118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
				111	108	102	111	108	102			
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
				112	107	102	112	107	102			
Maximum SWL				118	108	102	118	108	102			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Internal Access Route (per 200m) - S1181 – WC12												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Earthwork (Excavation and Backfill)	Aug 2026 - Nov2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
			118	107	102	118	107	102				
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Truck (CNP067) (100%)	1	117	105	100	117	105	100			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
			118	105	101	118	105	101				
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
					111	108	102	111	108	102		
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99				
				108	104	99	108	104	99			
			112	107	102	112	107	102				
Maximum SWL				118	108	102	118	108	102			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL	
Internal Access Route (per 200m) - S1182 – WC12											
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated		
Earthwork (Excavation and Backfill)	Aug 2026 - Nov2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
		Generator (CNP103) (100%)	1	95	90	75	95	90	75		
		Roller (CNP185) (100%)	1	108	104	99	108	104	99		
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
				118	107	102	118	107	102		
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90		
		Truck (CNP067) (100%)	1	117	105	100	117	105	100		
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88		
			118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102		
		Generator (CNP101) (100%)	1	108	90	75	108	90	75		
				111	108	102	111	108	102		
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99		
		Roller (CNP185) (100%)	1	108	104	99	108	104	99		
		112	107	102	112	107	102				
Maximum SWL				118	108	102	118	108	102		

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Internal Access Route (per 200m) - S1183 – WC12												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Earthwork (Excavation and Backfill)	Dec 2026 - Mar 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
				118	107	102	118	107	102			
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Truck (CNP067) (100%)	1	117	105	100	117	105	100			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
				118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
				111	108	102	111	108	102			
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
					112	107	102	112	107	102		
Maximum SWL				118	108	102	118	108	102			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Internal Access Route (per 200m) - S1184 – WC12												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Earthwork (Excavation and Backfill)	Dec 2026 - Mar 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
				118	107	102	118	107	102			
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Truck (CNP067) (100%)	1	117	105	100	117	105	100			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
				118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
				111	108	102	111	108	102			
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
				112	107	102	112	107	102			
Maximum SWL				118	108	102	118	108	102			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Internal Access Route (per 200m) - S1185 – WC12												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Earthwork (Excavation and Backfill)	Dec 2026 - Mar 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
				118	107	102	118	107	102			
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Truck (CNP067) (100%)	1	117	105	100	117	105	100			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
				118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
				111	108	102	111	108	102			
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
					112	107	102	112	107	102		
Maximum SWL				118	108	102	118	108	102			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Internal Access Route (per 200m) - S1186 – WC12									
Activity	Months	PME	Units				Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Apr 2027 - Jul 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
				118	107	102	118	107	102
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
			111	108	102	111	108	102	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
			112	107	102	112	107	102	
Maximum SWL				118	108	102	118	108	102

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Internal Access Route (per 200m) - S1187 – WC12									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Apr 2027 - Jul 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
				118	107	102	118	107	102
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	105	101	118	105	101	
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
			111	108	102	111	108	102	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
			112	107	102	112	107	102	
Maximum SWL				118	108	102	118	108	102

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL			
Internal Access Route (per 200m) - S1188 – WC12													
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated				
Earthwork (Excavation and Backfill)	Apr 2027 - Jul 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90				
		Generator (CNP103) (100%)	1	95	90	75	95	90	75				
		Roller (CNP185) (100%)	1	108	104	99	108	104	99				
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98				
				118	107	102	118	107	102				
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90				
		Truck (CNP067) (100%)	1	117	105	100	117	105	100				
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88				
				118	105	101	118	105	101				
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102				
		Generator (CNP101) (100%)	1	108	90	75	108	90	75				
				111	108	102	111	108	102				
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99				
		Roller (CNP185) (100%)	1	108	104	99	108	104	99				
					112	107	102	112	107	102			
Maximum SWL				118	108	102	118	108	102				

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Internal Access Route (per 200m) - S1189 – WC12												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Earthwork (Excavation and Backfill)	Aug 2027 - Oct 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
				118	107	102	118	107	102			
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Truck (CNP067) (100%)	1	117	105	100	117	105	100			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
				118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
		Generator (CNP101) (100%)	1	108	90	75	108	90	75			
				111	108	102	111	108	102			
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
			112	107	102	112	107	102				
Maximum SWL				118	108	102	118	108	102			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1190 – WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2027 - Oct 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
			118	107	102	118	107	102	
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	105	101	118	105	101	
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
					111	108	102	111	108
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
			1	108	104	99	108	104	99
			112	107	102	112	107	102	
Maximum SWL				118	108	102	118	108	102

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL			
Internal Access Route (per 200m) - S1191 – WC12													
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated				
Earthwork (Excavation and Backfill)	Nov 2027 - Jan 2028	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90				
		Generator (CNP103) (100%)	1	95	90	75	95	90	75				
		Roller (CNP185) (100%)	1	108	104	99	108	104	99				
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98				
				118	107	102	118	107	102				
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90				
		Truck (CNP067) (100%)	1	117	105	100	117	105	100				
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88				
				118	105	101	118	105	101				
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102				
		Generator (CNP101) (100%)	1	108	90	75	108	90	75				
				111	108	102	111	108	102				
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99				
		Roller (CNP185) (100%)	1	108	104	99	108	104	99				
					112	107	102	112	107	102			
Maximum SWL				118	108	102	118	108	102				

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL	
Internal Access Route (per 200m) - S1192 – WC12											
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated		
Earthwork (Excavation and Backfill)	Nov 2027 - Jan 2028	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
		Generator (CNP103) (100%)	1	95	90	75	95	90	75		
		Roller (CNP185) (100%)	1	108	104	99	108	104	99		
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
			118	107	102	118	107	102			
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90		
		Truck (CNP067) (100%)	1	117	105	100	117	105	100		
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88		
			118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102		
		Generator (CNP101) (100%)	1	108	90	75	108	90	75		
				111	108	102	111	108	102		
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99		
		Roller (CNP185) (100%)	1	108	104	99	108	104	99		
			112	107	102	112	107	102			
Maximum SWL				118	108	102	118	108	102		

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1193 – WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Aug 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1194 – WC11									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2026 - Jan 2028	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1195 – WC04									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2019 - Aug 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

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Internal Access Route (per 200m) - S1196 – WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Arp 2025 - Sep 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL			
Internal Access Route (per 200m) - S1197 – WC12													
Activity	Months	PME	Units										
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated				
Earthwork (Excavation and Backfill)	Dec 2025 - May 2027	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90				
		Generator (CNP103) (100%)	1	95	90	75	95	90	75				
		Roller (CNP185) (100%)	1	108	104	99	108	104	99				
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101				
			118	107	102	120	109	104					
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100				
		Generator (CNP103) (100%)	1	95	90	75	95	90	75				
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102				
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90				
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95				
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100				
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90				
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91				
				118	111	106	119	112	106				
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90				
		Truck (CNP067) (100%)	1	117	105	100	117	105	100				
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88				
					118	105	101	118	105	101			
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102				
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92				
		Generator (CNP101) (100%)	1	108	90	75	108	90	75				
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99				
		Roller (CNP185) (100%)	1	108	104	99	108	104	99				
				117	111	105	117	111	105				
Maximum SWL				118	111	106	120	112	106				

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1198 – WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2026 - Jan 2028	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				118	107	102	120	109	104
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1199 – WC32									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Mar 2020 - Feb 2021	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1200 - WC01				SWL of Single PME						Total SWL		
Activity	Months	PME	Units									
Site Clearance	Sep 2019 - Aug 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
					120	112	106	121	113	107		
Earthwork (Cut)			Excavator (CNP081) (100%)	1	112	95	90	112	95	90		
			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98		
			Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
			Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88		
					118	110	102	118	110	102		
Earthwork (Fill)			Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Roller (CNP185) (100%)	1	108	104	99	108	104	99		
			Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
					118	107	102	118	107	102		
Vertical drains			Vertical band drain installation rig (100%)	3	112	112	107	117	117	112		
			Generator (CNP103) (100%)	3	95	90	75	100	95	80		
					112	112	107	117	117	112		
Slopework (Soil Nail)			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Air compressor (CNP002) (100%)	1	102	102	87	102	102	87		
			Grout Pump (100%)	1	105	105	100	105	105	100		
			Grout Mixer (100%)	1	90	90	75	90	90	75		
			Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100		
			Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99		
					112	112	105	112	112	105		
Slopework (Retaining Wall)			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98		
			Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
			Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90		
			Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100		
			Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92		
			Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94		
			Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102		
					118	113	106	118	113	106		
Maximum SWL				120	113	107	121	117	112			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1201 - WC03				SWL of Single PME					
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Sep 2018 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	110	102	118	110	102	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
				118	107	102	118	107	102
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL				120	113	107	121	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1201 - WC03									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
GIC Sub-Structure (per site)	Mar 2020 - Aug 2020	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				121	114	108	124	118	111
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		118	113	106	122	116	109		
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1202 - WC29									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Jul 2021 - Jun 2022	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
Earthwork (Cut)				120	112	106	121	113	107
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
Earthwork (Fill)				118	110	102	118	110	102
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
Vertical drains				115	103	98	115	103	98
				118	107	102	118	107	102
		Vertical band drain installation rig (100%)	2	112	112	107	115	115	110
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
Slopework (Soil Nail)				112	112	107	115	115	110
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
Slopework (Retaining Wall)		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL				120	113	107	121	115	110

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME						Total SWL		
Site Formation (per about 2 ha) - S1203 - WC12												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Dec 2025 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
Earthwork (Cut)					120	112	106	121	113	107		
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88			
Earthwork (Fill)					118	110	102	118	110	102		
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Roller (CNP185) (100%)	1	108	104	99	108	104	99			
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98			
					118	107	102	118	107	102		
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
Slopework (Soil Nail)					112	112	107	117	117	112		
		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87			
		Grout Pump (100%)	1	105	105	100	105	105	100			
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100			
		Grout Mixer (100%)	1	90	90	75	90	90	75			
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99			
Slopework (Retaining Wall)					128	128	118	128	128	118		
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
					118	113	106	118	113	106		
Maximum SWL				128	128	118	128	128	118			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1204 - WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Feb 2025 - Oct 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	6	112	95	90	120	103	98
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104
		Water pump (CNP281) (Electric) (100%)	4	88	88	88	94	94	94
			118	110	102	124	112	106	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	6	112	95	90	120	103	98
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
		Roller (CNP185) (100%)	4	108	104	99	114	110	105
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104
			118	107	102	124	113	108	
Solidification		Backhoe (CNP 081) (100%)	4	112	95	90	118	101	96
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			117	104	99	121	108	103	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	117	117	112	
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				128	128	118	128	128	118
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				128	128	118	128	128	118

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1205 - WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Aug 2024 - Nov 2024	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	4	112	95	90	118	101	96
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	3	115	103	98	120	108	103
		Water pump (CNP281) (Electric) (100%)	3	88	88	88	93	93	93
			118	110	102	122	112	105	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	4	112	95	90	118	101	96
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Roller (CNP185) (100%)	3	108	104	99	113	109	104
		Dump Truck (CNP067) (70%)	3	115	103	98	120	108	103
				118	107	102	123	112	107
Solidification		Backhoe (CNP 081) (100%)	4	112	95	90	118	101	96
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				117	104	99	121	108	103
Vertical drains		Vertical band drain installation rig (100%)	1	112	112	107	112	112	107
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	112	112	107
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
	Grout Mixer (100%)	1	90	90	75	90	90	75	
	Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99	
			112	112	105	112	112	105	
Slopework (Retaining Wall)	Generator (CNP103) (100%)	1	95	90	75	95	90	75	
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
	Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100	
	Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
	Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
	Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94	
	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
			118	113	106	118	113	106	
Maximum SWL				120	113	107	123	113	107

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1205 - WC12									
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Apr 2026 - Dec 2031	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
						121	114	108	124
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
				118	113	106	122	116	109
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1206 - WC12										
Activity	Months	PME	Units	SWL of Single PME			Total SWL			
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Site Clearance	Aug 2024 - Mar 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101	
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101	
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101	
			120	112	106	121	113	107		
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88	
			118	110	102	118	110	102		
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Roller (CNP185) (100%)	1	108	104	99	108	104	99	
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98	
			118	107	102	118	107	102		
Vertical drains		Vertical band drain installation rig (100%)	2	112	112	107	115	115	110	
		Generator (CNP103) (100%)	3	95	90	75	100	95	80	
			112	112	107	115	115	110		
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87	
		Grout Pump (100%)	1	105	105	100	105	105	100	
		Grout Mixer (100%)	1	90	90	75	90	90	75	
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100	
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99	
			112	112	105	112	112	105		
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75	
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94	
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100	
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
			118	113	106	118	113	106		
Maximum SWL				120	113	107	121	115	110	

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1207 - WC21									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Aug 2024 - Jul 2026	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	3	112	95	90	117	100	95
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
			118	110	102	121	111	104	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	3	112	95	90	117	100	95
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	2	108	104	99	111	107	102
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	121	110	105	
Solidification		Backhoe (CNP 081) (100%)	4	112	95	90	118	101	96
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			117	104	99	121	108	103	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	121	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1208 - WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Dec 2024 - Jan 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	4	112	95	90	118	101	96
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	3	115	103	98	120	108	103
		Water pump (CNP281) (Electric) (100%)	3	88	88	88	93	93	93
			118	110	102	122	112	105	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	4	112	95	90	118	101	96
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Roller (CNP185) (100%)	3	108	104	99	113	109	104
		Dump Truck (CNP067) (70%)	3	115	103	98	120	108	103
			118	107	102	123	112	107	
Solidification		Backhoe (CNP 081) (100%)	4	112	95	90	118	101	96
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			117	104	99	121	108	103	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
				112	112	105	112	112	105
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	123	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation / GIC (per about 2 ha) - S1209 - WC31				SWL of Single PME						Total SWL		
Activity	Months	PME	Units									
Site Clearance	Mar 2018 - Feb 2020	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
					120	112	106	121	113	107		
Earthwork (Cut)			Excavator (CNP081) (100%)	6	112	95	90	120	103	98		
			Generator (CNP103) (100%)	3	95	90	75	100	95	80		
			Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98		
			Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104		
			Water pump (CNP281) (Electric) (100%)	4	88	88	88	94	94	94		
					118	110	102	124	112	106		
Earthwork (Fill)			Backhoe (CNP 081) (100%)	6	112	95	90	120	103	98		
			Generator (CNP103) (100%)	3	95	90	75	100	95	80		
			Roller (CNP185) (100%)	4	108	104	99	114	110	105		
			Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104		
					118	107	102	124	113	108		
Solidification			Backhoe (CNP 081) (100%)	4	112	95	90	118	101	96		
			Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101		
					117	104	99	121	108	103		
Vertical drains			Vertical band drain installation rig (100%)	2	112	112	107	115	115	110		
			Generator (CNP103) (100%)	3	95	90	75	100	95	80		
					112	112	107	115	115	110		
Slopework (Soil Nail)			Generator (CNP103) (100%)	1	95	90	75	95	90	75		
			Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100		
			Air compressor (CNP002) (100%)	1	102	102	87	102	102	87		
			Grout Pump (100%)	1	105	105	100	105	105	100		
			Grout Mixer (100%)	1	90	90	75	90	90	75		
			Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99		
				112	112	105	112	112	105			
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
				118	113	106	118	113	106			
Maximum SWL				120	113	107	124	115	110			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Site Formation / GIC (per about 2 ha) - S1209 - WC31									
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated			
GIC Sub-Structure (per site)	Mar 2020 - Feb 2023	Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Bar Bender, Cutter (CNP021) (100%)	2	90	90	90	93	93	93
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Lorry (CNP141) (100%)	2	112	105	100	115	108	103
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				121	114	108	124	118	111
GIC Superstructure (per site)		Generator (CNP101) (100%)	2	108	90	75	111	93	78
		Piling, Large Bored Pile (CNP166) (100%)	2	100	100	95	103	103	98
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Vibratory Poker (CNP170) (100%)	4	113	102	92	119	108	98
		Concrete pump (CNP047) (100%)	2	109	109	94	112	112	97
				118	113	106	122	116	109
Maximum SWL				121	114	108	124	118	111

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Stockpiling (per about 2 ha) - S1210 - WC33									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Jan 2018 - Jul 2024	Backhoe (CNP 081) (100%)	2	112	95	90	115	98	93
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	2	108	106	101	111	109	104
		Bulldozer (CNP030) (100%)	2	115	106	101	118	109	104
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104
				120	112	106	124	115	109
Earthwork (Cut)		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
			118	110	102	120	111	104	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	2	112	95	90	115	98	93
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Roller (CNP185) (100%)	2	108	104	99	111	107	102
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	121	110	105	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
			112	112	107	117	117	112	
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			112	112	105	112	112	105	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
			118	113	106	118	113	106	
Maximum SWL				120	113	107	124	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Stockpiling (per about 2 ha) - S1211 - WC33									
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Jan 2018 - Jul 2024	Backhoe (CNP 081) (100%)	2	112	95	90	115	98	93
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	2	108	106	101	111	109	104
		Bulldozer (CNP030) (100%)	2	115	106	101	118	109	104
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104
				120	112	106	124	115	109
Earthwork (Cut)		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
			118	110	102	120	111	104	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	2	112	95	90	115	98	93
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Roller (CNP185) (100%)	2	108	104	99	111	107	102
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	121	110	105	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			128	128	118	128	128	118	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL				128	128	118	128	128	118

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME						Total SWL		
Stockpiling (per about 2 ha) - S1212 - WC33												
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Jan 2019 - Jul 2024	Backhoe (CNP 081) (100%)	2	112	95	90	115	98	93			
		Generator (CNP103) (100%)	2	95	90	75	98	93	78			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Saw, circular, wood (CNP201) (100%)	2	108	106	101	111	109	104			
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101			
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104			
				120	112	106	123	114	109			
Earthwork (Cut)		Excavator (CNP081) (100%)	2	112	95	90	115	98	93			
		Generator (CNP103) (100%)	2	95	90	75	98	93	78			
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91			
			118	110	102	120	111	104				
Earthwork (Fill)		Backhoe (CNP 081) (100%)	2	112	95	90	115	98	93			
		Generator (CNP103) (100%)	2	95	90	75	98	93	78			
		Roller (CNP185) (100%)	2	108	104	99	111	107	102			
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101			
				118	107	102	121	110	105			
Vertical drains		Vertical band drain installation rig (100%)	1	112	112	107	112	112	107			
		Generator (CNP103) (100%)	3	95	90	75	100	95	80			
				112	112	107	112	112	107			
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87			
		Grout Pump (100%)	1	105	105	100	105	105	100			
		Grout Mixer (100%)	1	90	90	75	90	90	75			
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100			
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99			
				112	112	105	112	112	105			
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75			
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98			
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90			
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94			
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100			
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92			
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102			
				118	113	106	118	113	106			
Maximum SWL				120	113	107	123	114	109			

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

				SWL of Single PME					
Stockpiling (per about 2 ha) - S1213 - WC33									
Activity	Months	PME	Units	Total SWL					
				Unmitigated	Quiet Plant	Mitigated			
Site Clearance	Jan 2019 - Jul 2024	Backhoe (CNP 081) (100%)	2	112	95	90	115	98	93
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	2	108	106	101	111	109	104
		Bulldozer (CNP030) (100%)	2	115	106	101	118	109	104
		Dump Truck (CNP067) (70%)	4	115	103	98	121	109	104
				120	112	106	124	115	109
Earthwork (Cut)		Excavator (CNP081) (100%)	2	112	95	90	115	98	93
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
			118	110	102	120	111	104	
Earthwork (Fill)		Backhoe (CNP 081) (100%)	2	112	95	90	115	98	93
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Roller (CNP185) (100%)	2	108	104	99	111	107	102
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	121	110	105	
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			128	128	118	128	128	118	
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
				118	113	106	118	113	106
Maximum SWL				128	128	118	128	128	118

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1214 – WC09									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2017 - Jul 2018	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1215 – WC09									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2017 - Jul 2018	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1216 – WC09									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2017 - Jul 2018	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	105	101	118	105	101	
Roadwork (Paving)	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
	Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
	Generator (CNP101) (100%)	1	108	90	75	108	90	75	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	104	99	108	104	99	
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

Internal Access Route (per 200m) - S1217 – WC09									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2017 - Jul 2018	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				117	111	105	117	111	105
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1218 – WC09									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2017 - Jul 2018	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
					118	111	106	119	112
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
			118	105	101	118	105	101	
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1219 – WC09									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2017 - Jul 2018	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1220 – WC09									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2017 - Jul 2018	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
					118	111	106	119	112
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
					118	105	101	118	105
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
					117	111	105	117	111
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Internal Access Route (per 200m) - S1221 – WC09									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill)	Aug 2017 - Jul 2018	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
			118	107	102	120	109	104	
Box Culvert		Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Vibratory Poker (CNP170) (100%)	2	113	102	92	116	105	95
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	2	88	88	88	91	91	91
				118	111	106	119	112	106
Roadwork (Laying Utilities)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Truck (CNP067) (100%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	105	101	118	105	101
Roadwork (Paving)		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			117	111	105	117	111	105	
Maximum SWL				118	111	106	120	112	106

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Site Formation (per about 2 ha) - S1222 - WC12									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance	Apr 2025 - Nov 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
				120	112	106	121	113	107
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
				118	110	102	118	110	102
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
				118	107	102	118	107	102
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112
		Generator (CNP103) (100%)	3	95	90	75	100	95	80
				112	112	107	117	117	112
Slopework (Soil Nail)		Rock Drill (CNP181) (pneumatic) (100%)	1	128	128	118	128	128	118
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Grout Pump (100%)	1	105	105	100	105	105	100
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99
			128	128	118	128	128	118	
Slopework (Retaining Wall)	Generator (CNP103) (100%)	1	95	90	75	95	90	75	
	Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98	
	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90	
	Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90	
	Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94	
	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102	
			117	112	105	117	112	105	
Maximum SWL				128	128	118	128	128	118

Note: Only maximum SWL is applied as the worst case scenario.

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Title : Plant Inventory

				SWL of Single PME						Total SWL	
Site Formation (per about 2 ha) - S1223 - WC12											
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated		
Site Clearance	Apr 2025 - Nov 2025	Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
		Generator (CNP103) (100%)	1	95	90	75	95	90	75		
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98		
		Saw, circular, wood (CNP201) (100%)	1	108	106	101	108	106	101		
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101		
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101		
				120	112	106	121	113	107		
Earthwork (Cut)		Excavator (CNP081) (100%)	1	112	95	90	112	95	90		
		Generator (CNP103) (100%)	1	95	90	75	95	90	75		
		Breaker, handheld (CNP024) (100%)	1	108	108	98	108	108	98		
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88		
			118	110	102	118	110	102			
Earthwork (Fill)		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
		Generator (CNP103) (100%)	1	95	90	75	95	90	75		
		Roller (CNP185) (100%)	1	108	104	99	108	104	99		
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98		
				118	107	102	118	107	102		
Vertical drains		Vertical band drain installation rig (100%)	3	112	112	107	117	117	112		
		Generator (CNP103) (100%)	3	95	90	75	100	95	80		
				112	112	107	117	117	112		
Slopework (Soil Nail)		Generator (CNP103) (100%)	1	95	90	75	95	90	75		
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87		
		Grout Pump (100%)	1	105	105	100	105	105	100		
		Drill Rig, Rotary Type (Diesel) (100%)	1	110	110	100	110	110	100		
		Grout Mixer (100%)	1	90	90	75	90	90	75		
		Hoist, Petrol (CNP123) (100%)	1	104	104	99	104	104	99		
				112	112	105	112	112	105		
Slopework (Retaining Wall)		Generator (CNP103) (100%)	1	95	90	75	95	90	75		
		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98		
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90		
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90		
		Concrete pump (CNP047) (100%)	1	109	109	94	109	109	94		
		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102		
				117	112	105	117	112	105		
Maximum SWL				120	112	107	121	117	112		

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Cycle Track - CT1									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Stage 1 - Site Clearance	Aug 2017 - Dec 2017	Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
		Crane Mobile (100%)	1	112	103	98	112	103	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Mini Backhoe (100%)	1	94	94	89	94	94	89
				119	115	110	119	115	110
Stage 2 - Level/Excavation Works		Breaker, handheld (CNP024) (100%)	2	108	108	98	111	111	101
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Mini Backhoe (100%)	1	94	94	89	94	94	89
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
				116	110	102	117	112	103
Stage 3 Construction/Paving Works (Group 1 - slope works/retaining wall)		Vibrating Hammer (CNP 172) (100%)	1	115	115	110	115	115	110
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Generator (CNP102) (100%)	1	100	90	75	100	90	75
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Crane Mobile (100%)	1	112	103	98	112	103	98
		Mini Backhoe (100%)	1	94	94	89	94	94	89
				120	117	112	120	117	112
		Stage 3 Construction/Paving Works (Group 2 - paving works)	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104
Mini Backhoe (100%)			1	94	94	89	94	94	89
Air compressor (CNP002) (100%)			1	102	102	87	102	102	87
Compactor, Vibratory (CNP050) (100%)			1	105	105	100	105	105	100
Lorry (CNP141) (100%)			1	112	105	100	112	105	100
Roller (CNP185) (100%)			1	108	104	99	108	104	99
				115	111	106	115	111	106
Stage 3 Construction/Paving Works (Group 3 - foundation for bridges)		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Crane Mobile (100%)	1	112	103	98	112	103	98
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Grout Pump (100%)	1	105	105	100	105	105	100
		Generator (CNP102) (100%)	1	100	90	75	100	90	75
				116	110	104	116	110	104
Stage 3 Construction/Paving Works (Group 4 - structures/subways/bridges)		Mini Backhoe (100%)	1	94	94	89	94	94	89
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Generator (CNP102) (100%)	1	100	90	75	100	90	75
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Crane Mobile (100%)	1	112	103	98	112	103	98
			118	113	107	118	113	107	
Maximum SWL				120	117	112	120	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Cycle Track - CT2									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Stage 1 - Site Clearance	Aug 2017 - Dec 2017	Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
		Crane Mobile (100%)	1	112	103	98	112	103	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Mini Backhoe (100%)	1	94	94	89	94	94	89
			119	115	110	119	115	110	
Stage 2 - Level/Excavation Works		Breaker, handheld (CNP024) (100%)	2	108	108	98	111	111	101
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Mini Backhoe (100%)	1	94	94	89	94	94	89
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
				116	110	102	117	112	103
Stage 3 Construction/Paving Works (Group 1 - slope works/retaining wall)		Vibrating Hammer (CNP 172) (100%)	1	115	115	110	115	115	110
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Generator (CNP102) (100%)	1	100	90	75	100	90	75
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Crane Mobile (100%)	1	112	103	98	112	103	98
		Mini Backhoe (100%)	1	94	94	89	94	94	89
				120	117	112	120	117	112
		Stage 3 Construction/Paving Works (Group 2 - paving works)	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104
Mini Backhoe (100%)			1	94	94	89	94	94	89
Air compressor (CNP002) (100%)			1	102	102	87	102	102	87
Compactor, Vibratory (CNP050) (100%)			1	105	105	100	105	105	100
Lorry (CNP141) (100%)			1	112	105	100	112	105	100
Roller (CNP185) (100%)			1	108	104	99	108	104	99
			115	111	106	115	111	106	
Stage 3 Construction/Paving Works (Group 3 - foundation for bridges)		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Crane Mobile (100%)	1	112	103	98	112	103	98
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Grout Pump (100%)	1	105	105	100	105	105	100
		Generator (CNP102) (100%)	1	100	90	75	100	90	75
				116	110	104	116	110	104
Stage 3 Construction/Paving Works (Group 4 - structures/subways/bridges)		Mini Backhoe (100%)	1	94	94	89	94	94	89
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Generator (CNP102) (100%)	1	100	90	75	100	90	75
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Crane Mobile (100%)	1	112	103	98	112	103	98
			118	113	107	118	113	107	
Maximum SWL				120	117	112	120	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Cycle Track - CT3									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Stage 1 - Site Clearance	Aug 2017 - Dec 2017	Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
		Crane Mobile (100%)	1	112	103	98	112	103	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Mini Backhoe (100%)	1	94	94	89	94	94	89
				119	115	110	119	115	110
Stage 2 - Level/Excavation Works		Breaker, handheld (CNP024) (100%)	2	108	108	98	111	111	101
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Mini Backhoe (100%)	1	94	94	89	94	94	89
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
				116	110	102	117	112	103
Stage 3 Construction/Paving Works (Group 1 - slope works/retaining wall)		Vibrating Hammer (CNP 172) (100%)	1	115	115	110	115	115	110
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Generator (CNP102) (100%)	1	100	90	75	100	90	75
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Crane Mobile (100%)	1	112	103	98	112	103	98
		Mini Backhoe (100%)	1	94	94	89	94	94	89
				120	117	112	120	117	112
		Stage 3 Construction/Paving Works (Group 2 - paving works)	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104
Mini Backhoe (100%)			1	94	94	89	94	94	89
Air compressor (CNP002) (100%)			1	102	102	87	102	102	87
Compactor, Vibratory (CNP050) (100%)			1	105	105	100	105	105	100
Lorry (CNP141) (100%)			1	112	105	100	112	105	100
Roller (CNP185) (100%)			1	108	104	99	108	104	99
			115	111	106	115	111	106	
Stage 3 Construction/Paving Works (Group 3 - foundation for bridges)		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Crane Mobile (100%)	1	112	103	98	112	103	98
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Grout Pump (100%)	1	105	105	100	105	105	100
		Generator (CNP102) (100%)	1	100	90	75	100	90	75
				116	110	104	116	110	104
Stage 3 Construction/Paving Works (Group 4 - structures/subways/bridges)		Mini Backhoe (100%)	1	94	94	89	94	94	89
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Generator (CNP102) (100%)	1	100	90	75	100	90	75
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Crane Mobile (100%)	1	112	103	98	112	103	98
				118	113	107	118	113	107
Maximum SWL				120	117	112	120	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Project : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Title : Plant Inventory

Cycle Track - CT4									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Stage 1 - Site Clearance	Aug 2017 - Dec 2017	Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
		Crane Mobile (100%)	1	112	103	98	112	103	98
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Mini Backhoe (100%)	1	94	94	89	94	94	89
				119	115	110	119	115	110
Stage 2 - Level/Excavation Works		Breaker, handheld (CNP024) (100%)	2	108	108	98	111	111	101
		Dump Truck (CNP067) (70%)	1	115	103	98	115	103	98
		Mini Backhoe (100%)	1	94	94	89	94	94	89
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
			116	110	102	117	112	103	
Stage 3 Construction/Paving Works (Group 1 - slope works/retaining wall)		Vibrating Hammer (CNP 172) (100%)	1	115	115	110	115	115	110
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Generator (CNP102) (100%)	1	100	90	75	100	90	75
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Crane Mobile (100%)	1	112	103	98	112	103	98
		Mini Backhoe (100%)	1	94	94	89	94	94	89
				120	117	112	120	117	112
Stage 3 Construction/Paving Works (Group 2 - paving works)		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Mini Backhoe (100%)	1	94	94	89	94	94	89
		Air compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
			115	111	106	115	111	106	
Stage 3 Construction/Paving Works (Group 3 - foundation for bridges)		Mobile Crane (CNP048) (100%)	1	112	103	98	112	103	98
		Air compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Crane Mobile (100%)	1	112	103	98	112	103	98
		Grout Mixer (100%)	1	90	90	75	90	90	75
		Grout Pump (100%)	1	105	105	100	105	105	100
		Generator (CNP102) (100%)	1	100	90	75	100	90	75
				116	110	104	116	110	104
Stage 3 Construction/Paving Works (Group 4 - structures/subways/bridges)		Mini Backhoe (100%)	1	94	94	89	94	94	89
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	90	90	90	90
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Generator (CNP102) (100%)	1	100	90	75	100	90	75
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Lorry (CNP141) (100%)	1	112	105	100	112	105	100
		Crane Mobile (100%)	1	112	103	98	112	103	98
			118	113	107	118	113	107	
Maximum SWL				120	117	112	120	117	112

Note: Only maximum SWL is applied as the worst case scenario.

Job Title : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Heading : Plant Inventory

Eastern Link				SWL of Single PME			Total SWL		
Worksite SL20									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork Group 1	Sep 2026 - Feb 2027	Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Breaker, handheld (CNP023) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
				116	109	104	116	109	104
Paving Group 2		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				114	110	105	114	110	100
Maximum SWL				116	110	105	116	110	104

Note: Only maximum SWL is applied as the worst case scenario.

Job Title : Agreement No. CE61/2007(CE) North East New Territories New Development Areas Planning and Engineering Study - Investigation
Heading : Plant Inventory

Eastern Link				SWL of Single PME			Total SWL		
Worksite SL21									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork Group 1	Sep 2026 - Feb 2027	Lorry With Grab (CNP141) (100%)	1	112	105	100	112	105	100
		Breaker, handheld (CNP023) (100%)		102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	88	88	88	88
		Compactor, Vibratory (CNP050) (100%)	1	105	105	100	105	105	100
		Backhoe (CNP 081) (100%)	1	112	95	90	112	95	90
				116	109	104	116	109	104
Paving Group 2		Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Generator (CNP101) (100%)	1	108	90	75	108	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	104	99	108	104	99
				114	110	105	114	110	100
Maximum SWL				116	110	105	116	110	104

Note: Only maximum SWL is applied as the worst case scenario.