

Appendix A

Construction Programme



Major Construction Activities (May 2023)

Item	Major Construction Activates	Location
1	Multi-faces drill and blast excavation	HMT
2	Mixed and soft ground excavation	
3	TBM pilot tunnel enlargement	
4	Underbreak scaling and smoothing works	
5	Invert, lining and OHVD construction	
6	Internal structure for ventilation adit and cavern	
7	Pipe pile wall construction	
8	Dismantling of shaft utilities	
9	Shaft slipform construction	
10	Site and shaft installation	
11	Drill and blast excavation	YMT
12	Drill and break excavation	
13	Bench excavation	
14	Mucking out from tunnel	
15	Site and shaft installation	
16	Drill and blast excavation	MTK
17	Mucking out from tunnel	
18	Site and shaft installation	
19	Spoil handing and disposal	KTBF
20	Concreting and importing fill material by drop pipe	SLS

Major Construction Activities (Jun 2023)

Item	Major Construction Activates	Location
1	Multi-faces drill and blast excavation	HMT
2	Mixed and soft ground excavation	
3	TBM pilot tunnel enlargement	
4	Underbreak scaling and smoothing works	
5	Invert, lining and OHVD construction	
6	Internal structure for ventilation adit and cavern	
7	Pipe pile wall construction	
8	Dismantling of shaft utilities	
9	Shaft slipform construction	
10	ELS excavation	
11	Site and shaft installation	
12	Drill and blast excavation	YMT
13	Drill and break excavation	
14	Bench excavation	
15	Mucking out from tunnel	
16	Site and shaft installation	
17	Drill and blast excavation	MTK
18	Mucking out from tunnel	
19	Site and shaft installation	
20	Spoil handing and disposal	KTBF
21	Concreting and importing fill material by drop pipe	SLS