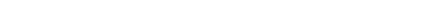
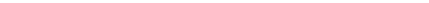


21/WSD/21 - Relocation of Diamond Hill Fresh Water and Salt Water Service Reservoirs to Cavern																																																				
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Activity ID	Activity Name	Activity % Complete	1st Prog. Dur.	Original Duration	1st Prog. Start	1st Prog. Finish	Start	Finish	Total Float																																											
											2023							2024							2025							2026							2027													
											N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A
Relocation of Diamond Hill Fresh Water and Salt Water Service Reservoirs to Caverns - January'23 Upd				1293	1293	29-Nov-22	12-Apr-27	29-Nov-22 A	12-Apr-27	0																																										
Contract Date				1596	1596	29-Nov-22	12-Apr-27	29-Nov-22 A	12-Apr-27	0																																										
CD-1000	Contract Date (CD)	100%	0	0	29-Nov-22		29-Nov-22 A				Contract Date (CD)																																									
CD-1010	Starting date (SD, within 2weeks from the CD)	100%	0	0	09-Dec-22		09-Dec-22 A				Starting date (SD, within 2weeks from the CD)																																									
Contract Completion Date				0	0	12-Apr-27	12-Apr-27	12-Apr-27	12-Apr-27	0																																										
KD-1000	Completion date for the whole of the works (1585d)	0%	0	0		12-Apr-27		12-Apr-27*	0																																											
Anticipated Completion Date				0	0	11-Apr-27	11-Apr-27	11-Apr-27	11-Apr-27	1																																										
KD-2100	Planned Completion date for the whole of the works (1585d)	0%	0	0		11-Apr-27		11-Apr-27	1																																											
Access Date				90	100	09-Dec-22	09-Mar-23	09-Dec-22 A	09-Mar-23	1316	09-Mar-23, Access Date																																									
AD-1040	Portion 5	100%	0	0	09-Dec-22		09-Dec-22 A				Portion 5																																									
AD-1000	Portion 1 (90d after SD)	0%	0	0	09-Mar-23		09-Mar-23		15		Portion 1: (90d after SD)																																									
AD-1010	Portion 2 (90d after SD)	0%	0	0	09-Mar-23		09-Mar-23		1316		Portion 2: (90d after SD)																																									
AD-1020	Portion 3 (90d after SD)	0%	0	0	09-Mar-23		09-Mar-23		1		Portion 3: (90d after SD)																																									
AD-1030	Portion 4 (90d after SD)	0%	0	0	09-Mar-23		09-Mar-23		43		Portion 4: (90d after SD)																																									
Sub-letting / Procurement				267	267	29-Nov-22	24-Oct-23	29-Nov-22 A	24-Oct-23	1026	24-Oct-23, Sub-letting / Procurement																																									
Works Sub-letting				267	267	29-Nov-22	24-Oct-23	29-Nov-22 A	24-Oct-23	1026	24-Oct-23, Works Sub-letting																																									
21.SUB.G.10000	Subletting for Initial Survey Works (WO001)	100%	0	18			29-Nov-22 A	30-Dec-22 A			Subletting for Initial Survey Works (WO001)																																									
21.SUB.G.10010	Subletting for Temporary Supply of Water (WO002)	100%	0	18			29-Nov-22 A	30-Dec-22 A			Subletting for Temporary Supply of Water (WO002)																																									
21.SUB.G.10020	Subletting for Temporary Supply of Electricity (WO003)	100%	0	18			29-Nov-22 A	30-Dec-22 A			Subletting for Temporary Supply of Electricity (WO003)																																									
21.SUB.G.10040	Subletting for Construction of New Shed and Miscellaneous Works (WO005)	70%	0	18			29-Nov-22 A	11-Jan-23	124		Subletting for Construction of New Shed and Miscellaneous Works (WO005)																																									
S-240	Subletting for Condition Survey, CCTV Inspection Survey	41.11%	90	90	29-Nov-22	26-Feb-23	09-Dec-22 A	26-Feb-23	66		Subletting for Condition Survey, CCTV Inspection Survey																																									
S-200A	Subletting for Consultants incl. designer, ICE, Traffic consultant	41.11%	90	90	29-Nov-22	26-Feb-23	09-Dec-22 A	26-Feb-23	0		Subletting for Consultants incl. designer, ICE, Traffic consultant																																									
21.SUB.G.10030	Subletting for Tree Survey Works (WO004)	58.33%	0	36			09-Dec-22 A	21-Jan-23	24		Subletting for Tree Survey Works (WO004)																																									
21.SUB.G.10050	Subletting for Traffic Consultancy Services Stage 1 (WO006)	58.33%	0	36			09-Dec-22 A	21-Jan-23	385		Subletting for Traffic Consultancy Services Stage 1 (WO006)																																									
21.SUB.G.10060	Subletting for Condition Survey & Pre-Construction Condition Survey (WO007)	58.33%	0	36			09-Dec-22 A	21-Jan-23	281		Subletting for Condition Survey & Pre-Construction Condition Survey (WO007)																																									
21.SUB.G.10070	Subletting for UU Detection Works (WO008)	58.33%	0	36			09-Dec-22 A	21-Jan-23	9		Subletting for UU Detection Works (WO008)																																									
21.SUB.G.10080	Subletting for ICE Consultant - Temp Works for Site Formation for PAB (WO012)	50%	0	42			09-Dec-22 A	01-Feb-23	1242		Subletting for ICE Consultant - Temp Works for Site Formation for PAB (WO012)																																									

21/WSD/21 - Relocation of Diamond Hill Fresh Water and Salt Water Service Reservoirs to Cavern																																			
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										N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
	21.SUB.G.10090	Subletting for ICE Consultant - Portion 4 (WO013)	50%	0	42			09-Dec-22 A	01-Feb-23	1242																									
	21.SUB.G.10100	Subletting for Design Consultant (WO014)	31.82%	0	66			09-Dec-22 A	01-Mar-23	1218																									
	21.SUB.G.10110	Subletting for ICE Consultant - Civil & Structure (WO015)	50%	0	42			09-Dec-22 A	01-Feb-23	1101																									
	21.SUB.G.10120	Subletting for Ground Investigation & Monitoring Works (WO016)	31.82%	0	66			09-Dec-22 A	01-Mar-23	1218																									
	21.SUB.G.10130	Subletting for Design Services for Pemanent/CSD (WO018)	43.75%	0	48			09-Dec-22 A	08-Feb-23	1236																									
	21.SUB.G.10140	Subletting for Demolition Works (WO032)	50%	0	42			09-Dec-22 A	01-Feb-23	1242																									
	21.SUB.G.10150	Subletting for Site Clearance (WO035)	29.17%	0	72			09-Dec-22 A	08-Mar-23	35																									
	21.SUB.G.10160	Subletting for Environmental Monitoring Works and Appointment of Environmental Team (SC0001)	58.33%	0	36			09-Dec-22 A	21-Jan-23	1248																									
	21.SUB.G.10170	Subletting for Drainage and Duct for Slope Works (SC0004)	31.82%	0	66			09-Dec-22 A	01-Mar-23	1218																									
	21.SUB.G.10180	Subletting for Landscape Softworks for Slope Works (SC0005)	31.82%	0	66			09-Dec-22 A	01-Mar-23	1218																									
	21.SUB.G.10190	Subletting for Earthworks and ELS Works for PAB (SC0022)	31.82%	0	66			09-Dec-22 A	01-Mar-23	373																									
	21.SUB.G.10200	Subletting for RC Works for PAB (SC0022)	29.17%	0	72			09-Dec-22 A	08-Mar-23	110																									
S-220	Subletting for Site Investigation Works incl. Borehole, Trial Trench, Manhole Survey	7.78%	90	90	29-Dec-22	28-Mar-23	29-Dec-22 A	28-Mar-23	316																										
S-110	Pre-bid for Designer for Alternative Design	0%	28	28	29-Nov-22	26-Dec-22	02-Feb-23	01-Mar-23	1353																										
S-260	Subletting for Pipe Installation Works by Pipe Jacking	0%	90	90	27-Feb-23	27-May-23	27-Feb-23	27-May-23	143																										
S-290	Subletting for MIC Fabrication	0%	110	90	29-Nov-22	18-Mar-23	29-Mar-23	26-Jun-23	1386																										
S-280	Subletting for Foundation Works	0%	120	120	27-Jun-23	24-Oct-23	27-Jun-23	24-Oct-23	1266																										
Contractor's Design			497	490	27-Dec-22	29-Aug-24	09-Dec-22 A	29-Aug-24	773																										
21.DES.PAB.10000	Design submission and Approval for PAB ELS Works	38.89%	0	54			09-Dec-22 A	15-Feb-23	474																										
21.DES.PAB.10010	Design submission and Approval for Hoarding at PAB	55.56%	0	54			09-Dec-22 A	04-Feb-23	53																										
D-1100	Design submission and Approval for Cathodic Protection of Watermains	0%	30	30	28-Jan-23	26-Feb-23	28-Jan-23	26-Feb-23	66																										
D-1080	Design submission and Approval for Permanent Sleeve Pipe for Trenchless Works	0%	90	90	27-Feb-23	27-May-23	27-Feb-23	27-May-23	143																										
D-1000	Design submission and Approval for Cut and Cover Tunnel (Alternative)	0%	120	120	27-Dec-22	25-Apr-23	0																												

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											20232024202520262027																												
D-1070		Design submission and Approval for Tunnel Internal Civil Structure	0%	90	90	24-Dec-23	22-Mar-24	24-Dec-23	22-Mar-24	438	Design submission and Approval for Tunnel Internal Civil Structure																												
D-1060		Design submission and Approval for Overhead Ventilation Ducts	0%	90	90	23-Jan-24	21-Apr-24	23-Jan-24	21-Apr-24	906	Design submission and Approval for Overhead Ventilation Ducts																												
D-1050		Design submission and Approval for Architectual Works	0%	90	90	27-Feb-24	26-May-24	27-Feb-24	26-May-24	931	Design submission and Approval for Architectual Works																												
D-1040		Design submission and Approval for E&M systems incl. ventilation, lighting, electrical, FS for Tunnel	0%	150	150	02-Apr-24	29-Aug-24	02-Apr-24	29-Aug-24	956	Design submission and Approval for E&M systems incl. ventilation, lighting																												
For Reprovision of Structures					168	168	27-Feb-23	13-Aug-23	27-Feb-23	13-Aug-23	1338	13-Aug-23; For Reprovision of Structures																											
D-S1000		Design Works for Reprovision of Structures (AIP)	0%	28	28	27-Feb-23	26-Mar-23	27-Feb-23	26-Mar-23	1338	Design Works for Reprovision of Structures (AIP)																												
D-S1010		ICE Checking - AIP	0%	21	21	27-Mar-23	16-Apr-23	27-Mar-23	16-Apr-23	1338	ICE Checking - AIP																												
D-S1020		Submission of Contractor Design (AIP) for PM's review	0%	28	28	17-Apr-23	14-May-23	17-Apr-23	14-May-23	1338	Submission of Contractor Design (AIP) for PM's review																												
D-S1030		Seeking Approval from PM	0%	7	7	15-May-23	21-May-23	15-May-23	21-May-23	1338	Seeking Approval from PM																												
D-S1040		Design Works for Reprovision of Structures (DDA)	0%	28	28	22-May-23	18-Jun-23	22-May-23	18-Jun-23	1338	Design Works for Reprovision of Structures (DDA)																												
D-S1080		Submission and Approval for Foundation Design	0%	21	21	22-May-23	11-Jun-23	22-May-23	11-Jun-23	1401	Submission and Approval for Foundation Design																												
D-S1050		ICE Checking - DDR	0%	21	21	19-Jun-23	09-Jul-23	19-Jun-23	09-Jul-23	1338	ICE Checking - DDR																												
D-S1060		Submission of Contractor Design (DDR) for PM's review	0%	28	28	10-Jul-23	06-Aug-23	10-Jul-23	06-Aug-23	1338	Submission of Contractor Design (DDR) for PM's review																												
D-S1070		Seeking Approval from PM with comment revised	0%	7	7	07-Aug-23	13-Aug-23	07-Aug-23	13-Aug-23	1338	Seeking Approval from PM with comment revised																												
Contractor's Blasting Assessment Report (CBAR)					0	431			09-Mar-23	12-May-24	36	12-May-24; Contractor's Blasting Assessment Report (CBAR)																											
Contractor's Blasting Assessment Report (CBAR) - VAT Tunnel (Before MTR Vicinity) Vol.1					0	304			09-Mar-23	06-Jan-24	12	06-Jan-24; Contractor's Blasting Assessment Report (CBAR) - VAT Tunnel (Before MTR Vicinity) Vol.1																											
21.CBA.VAT.10000		Preperation of CBAR - Vol.1	0%	0	150			09-Mar-23	05-Aug-23	1	Preperation of CBAR - Vol.1																												
21.CBA.VAT.10010		ICE Check on CBAR - Vol.1	0%	0	21			06-Aug-23	26-Aug-23	12	ICE Check on CBAR - Vol.1																												
21.CBA.VAT.10020		PM Comment on CBAR - Vol.1	0%	0	28			27-Aug-23	23-Sep-23	12	PM Comment on CBAR - Vol.1																												
21.CBA.VAT.10030		Incorporate PM Comment on CBAR - Vol.1	0%	0	14			24-Sep-23	07-Oct-23	12	Incorporate PM Comment on CBAR - Vol.1																												
21.CBA.VAT.10040		Prepare & Submit to CoM, GEO, BD, Police & FSD CBAR - Vol.1	0%	0	14			08-Oct-23	21-Oct-23	12	Prepare & Submit to CoM, GEO, BD, Police & FSD CBAR - Vol.1																												
21.CBA.VAT.10050		Review & Comments from CoM, GEO, BD, Police & FSD on CBAR - Vol.1	0%	0	28			22-Oct-23	18-Nov-23	12	Review & Comments from CoM, GEO, BD, Police & FSD on CBAR - Vol.1																												
21.CBA.VAT.10060		Revise & Final Submission to CoM, GEO, BD, Police & FSD CBAR - Vol.1	0%	0	21			19-Nov-23	09-Dec-23	12	Revise & Final Submission to CoM, GEO, BD, Police & FSD CBAR - Vol.1																												
21.CBA.VAT.10070		Review & Approval from CoM, GEO, BD, Police & FSD on CBAR - Vol.1	0%	0	28			10-Dec-23	06-Jan-24	12	Review & Approval from CoM, GEO, BD, Police & FSD on CBAR - Vol.1																												
Contractor's Blasting Assessment Report (CBAR) - VAT Tunnel & Cavems (From MTR Vicinity) Vol.2					0	401			08-Apr-23	12-May-24	36	12-May-24; Contractor's Blasting Assessment Report (CBAR) - VAT Tunnel & Cavems (From MTR Vicinity) Vol.2																											
21.CBA.VAT.10080		Preperation of CBAR - Vol.2	0%	0	240			08-Apr-23	03-Dec-23	2	Preperation of CBAR - Vol.2																												
21.CBA.VAT.10090		ICE Check on CBAR - Vol.2	0%	0	28			04-Dec-23	31-Dec-23	36	ICE Check on CBAR - Vol.2																												

 1st Programme Baseline  Actual Work  Remaining Work  Critical Remaining Work	 1st Programme Baseline Milestone  Milestone  Summary	3 of 27	<table border="1"> <thead> <tr> <th>Date</th> <th>Revision</th> <th>Checked</th> <th>Approved</th> </tr> </thead> <tbody> <tr> <td>12-Dec-22</td> <td>First Programme</td> <td></td> <td></td> </tr> <tr> <td>12-Jan-23</td> <td>Monthly Programme January 2023</td> <td></td> <td></td> </tr> <tr> <td colspan="4"></td> </tr> </tbody> </table>	Date	Revision	Checked	Approved	12-Dec-22	First Programme			12-Jan-23	Monthly Programme January 2023						
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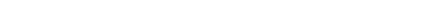
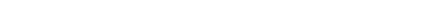
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										N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F
Caverns 2 - Salt Water Service Reservoir No.2			390	390	12-Dec-25	11-Apr-27	12-Dec-25	11-Apr-27	1																												
SW-C2-1010	Caverns 2 - Construction of Shotcrete	0%	54	54	12-Dec-25	20-Feb-26	12-Dec-25	20-Feb-26	2																												
SW-C2-1000	Caverns 2 - Completion of Tunnel Works	0%	0	0		19-Jan-26		19-Jan-26	2																												
SW-C2-1020	Caverns 2 - Construction of Cavern Lining (Total: 33.2m long, PR=12m/9d + 2wk for erection)	0%	39	39	20-Feb-26	09-Apr-26	20-Feb-26	09-Apr-26	2																												
SW-C2-1030	Caverns 2 - Waterproofing system and protection layer to Wall and Slab	0%	60	60	10-Apr-26	08-Jun-26	10-Apr-26	08-Jun-26	2																												
SW-C2-1040	Caverns 2 - Construction of Slab 1.6m thk for water tank area (Total: 1880m3, 15bays (11x7), PR= 15d/bay, 3workfronts)	0%	60	60	11-May-26	22-Jul-26	11-May-26	22-Jul-26	1																												
SW-C2-1060	Caverns 2 - Construction of Slab 1.0m thk for pump/plant room area (Total:597m3, 7bays(11x7.5), PR=12d/bay, 3 workfront)	0%	36	36	23-Jul-26	02-Sep-26	23-Jul-26	02-Sep-26	1																												
SW-C2-1050	Caverns 2 - Construction of wall, beam & slab up to 91.35mPD for water tank area	0%	90	90	23-Jul-26	20-Oct-26	23-Jul-26	20-Oct-26	17																												
SW-C2-1070	Caverns 2 - Construction of soil filling, pipeworks and at-grade slab for pump/ plant room area	0%	34	34	03-Sep-26	06-Oct-26	03-Sep-26	06-Oct-26	1																												
SW-C2-1080	Caverns 2 - Construction of wall, beam & slab up to cavern soffit for pump/ plant room area	0%	60	60	07-Sep-26	05-Nov-26	07-Sep-26	05-Nov-26	1																												
SW-C2-1090	Caverns 2 - Construction of remaining works incl. staircase, partition wall and other civil works for E&M plant	0%	90	90	07-Oct-26	04-Jan-27	07-Oct-26	04-Jan-27	68																												
SW-C2-1100	Caverns 2 - BS, E&M works and ABWF	0%	127	127	06-Nov-26	12-Mar-27	06-Nov-26	12-Mar-27	1																												
SW-C2-1110	Caverns 2 - Connect power cable from SWSR1 Transformer Room & Switchboard Room to SWSR2	0%	60	60	13-Dec-26	10-Feb-27	13-Dec-26	10-Feb-27	31																												
SW-C2-1130	Caverns 2 - Testing and Commissioning	0%	90	90	12-Jan-27	11-Apr-27	12-Jan-27	11-Apr-27	1																												
SW-C2-1120	Caverns 2 - Energization of SWSR2	0%	0	0	11-Feb-27		11-Feb-27		31																												
Caverns 3 - Salt Water Service Reservoir No.3			434	434	21-Oct-25	10-Apr-27	21-Oct-25	10-Apr-27	1																												
SW-C3-1010	Caverns 3 - Construction of Shotcrete	0%	57	57	21-Oct-25	29-Dec-25	21-Oct-25	29-Dec-25	1																												
SW-C3-1000	Caverns 3 - Completion of Tunnel Works	0%	0	0		29-Nov-25		29-Nov-25	1																												
SW-C3-1020	Caverns 3 - Construction of Cavern Lining (Total: 28.3m long, PR=12m/9d + 2wk for erection)	0%	39	39	30-Dec-25	13-Feb-26	30-Dec-25	13-Feb-26	1																												
SW-C3-1030	Caverns 3 - Waterproofing system and protection layer to Wall and Slab	0%	60	60	14-Feb-26	14-Apr-26	14-Feb-26	14-Apr-26	1																												
SW-C3-1040	Caverns 3 - Construction of Slab 1.6m thk for water tank area (Total: 1961m3, 12bays (11x9), PR= 15d/bay, 3workfronts)	0%	60	60	13-Mar-26	27-May-26	13-Mar-26	27-May-26	1																												
SW-C3-1060	Caverns 3 - Construction of Slab 1.0m thk for pump/plant room area (Total:597m3, 11bays (11x9), PR=12d/bay, 3 workfront)	0%	48	48	28-May-26	24-Jul-26	28-May-26	24-Jul-26	1																												
SW-C3-1050	Caverns 3 - Construction of wall, beam & slab up to 91.35mPD for water tank area	0%	90	90	28-May-26	25-Aug-26	28-May-26	25-Aug-26	50																												
SW-C3-1070	Caverns 3 - Construction of soil filling, pipeworks and at-grade slab for pump/ plant room area	0%	50	50	25-Jul-26	12-Sep-26	25-Jul-26	12-Sep-26	2																												
SW-C3-1080	Caverns 3 - Construction of wall, beam & slab up to cavern soffit for pump/ plant room area	0%	60	60	14-Aug-26	12-Oct-26	14-Aug-26	12																													

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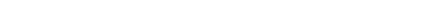
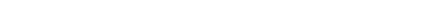
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 1st Programme Baseline  Actual Work  Remaining Work  Critical Remaining Work	 1st Programme Baseline Milestone  Milestone  Summary	24 of 27	<table border="1"> <thead> <tr> <th>Date</th> <th>Revision</th> <th>Checked</th> <th>Approved</th> </tr> </thead> <tbody> <tr> <td>12-Dec-22</td> <td>First Programme</td> <td></td> <td></td> </tr> <tr> <td>12-Jan-23</td> <td>Monthly Programme January 2023</td> <td></td> <td></td> </tr> <tr> <td colspan="4"></td> </tr> </tbody> </table>	Date	Revision	Checked	Approved	12-Dec-22	First Programme			12-Jan-23	Monthly Programme January 2023						
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