

		5.26		2.64				86.39		2.76		0.00		68.60		160.25		98.88		161.85		166.71		25.80		70.03		81.00		104.00	
SL	Ring Name	Site A	Latitude	Longitude	BTCL Site-A to BL site A new required (KM)/ Left hand	BTCL Site-A to BL site A new required (KM)/ Right hand vertical work from ex	Site B	Latitude	Longitude	BTCL Site-B to BL site B new required (KM)/ Left hand	BTCL Site-B to BL site B new required (KM)/ Right hand vertical	Existing Access/ LMC used for BL site-B	BTCL-A to BTCL-B new laying or Rectification (KM)	Total new laying from BL-A to BL-B (KM)	Existing OFC use (KM)	HDD required (KM)	Duct required (KM)	12 core OFC required	24 core OFC required	48 core OFC required	No of ODF new required										
1	GZ03_R03_A02	DHK_X0971	24.284	89.917	0.50	0.06	DHK_X5622	24.249	89.933	0.30	0.06	0.00	1.60	2.40	4.40	2.42	2.50	0.81	0.00	3.00	4.00										
2	GZ03_R03_A02	DHK_X5622	24.249	89.933	0.00	0.06	DHK_X2838	24.234	90.014	0.60	0.06	0.00	9.00	9.60		9.70	9.99	0.61	0.00	12.00	2.00										
3	GZ03_R03_A02	DHK_X2838	24.234	90.014	0.00	0.06	DHK_X2887	24.248	90.115	0.20	0.06	0.00	11.20	11.40		11.51	11.86	0.20	0.00	14.00	2.00										
4	GZ03_R03_A02	DHK_X2887	24.248	90.115	0.00	0.06	DHK_X0224	24.089	90.173	0.35	0.06	0.00	25.00	25.35	1.40	25.60	26.37	0.35	0.00	28.00	2.00										
5	GZ03_R03_A02	DHK_X0224	24.089	90.173	0.00	0.06	DHK_X3477	24.096	90.118	0.27	0.06	0.00	0.00	0.27	6.10	0.27	0.28	0.27	0.00	0.00	2.00										
6	GZ03_R03_A02	DHK_X3477	24.096	90.118	0.00	0.06	DHK_X0225	24.141	90.022	0.51	0.06	0.00	0.00	0.51	11.82	0.51	0.53	0.51	0.00	0.00	2.00										
7	MM01_R01_A06	DHK_X0487	24.461	90.542	3.00	0.06	DHK_X3225	24.499	90.523	5.20	0.06	0.00	0.00	8.20		8.28	8.53	0.20	8.70	0.00	4.00										
8	MM01_R01_A06	DHK_X3225	24.499	90.523	0.08	0.06	DHK_X2132	24.529	90.513	3.70	0.06	0.00	0.00	3.78		3.82	3.93	0.30	4.01	0.00	2.00										
9	MM01_R01_A06	DHK_X2132	24.529	90.513	0.00	0.06	DHK_X2061	24.634	90.461	15.00	0.06	0.00	0.00	15.00		15.15	15.60	0.30	15.91	0.00	2.00										
10	MM01_R01_A06	DHK_X2061	24.634	90.461	0.00	0.06	DHK_X2716	24.668	90.458	4.30	0.06	0.00	0.00	4.30		4.34	4.47	0.30	4.56	0.00	2.00										
11	MM01_R01_A06	DHK_X2716	24.668	90.458	0.00	0.06	MM01	24.710	90.411	9.20	0.06	0.00	0.00	9.20		9.29	9.57	0.30	9.76	0.00	2.00										
12	MM01_R02_A04	MM01	24.710	90.411	0.05	0.06	DHK_X3793	24.760	90.437	0.30	0.06	0.00	0.00	0.35		0.35	0.36	0.35	0.00	0.00	4.00										
13	MM01_R02_A04	DHK_X3793	24.760	90.437	0.00	0.06	DHK_X0238	24.762	90.451	0.20	0.06	0.00	0.00	0.20		0.20	0.21	0.20	0.00	0.00	2.00										
14	MM01_R02_A04	DHK_X0238	24.762	90.451	0.00	0.06	DHK_X3625	24.780	90.571	0.40	0.06	0.00	0.00	0.40		0.40	0.42	0.40	0.00	0.00	2.00										
15	MM01_R02_A04	DHK_X3625	24.780	90.571	0.00	0.06	DHK_X2175	24.801	90.578	0.23	0.06	0.00	0.00	0.23		0.23	0.24	0.23	0.00	0.00	2.00										
16	MM01_R02_A04	DHK_X2175	24.801	90.578	0.00	0.06	DHK_X2155	24.951	90.603	0.15	0.06	0.00	0.00	0.15		0.15	0.16	0.15	0.00	0.00	2.00										
17	MM01_R02_A04	DHK_X2155	24.951	90.603	0.00	0.06	DHK_X3220	24.949	90.571	0.20	0.06	0.00	0.00	0.20		0.20	0.21	0.20	0.00	0.00	2.00										
18	MM01_R02_A04	DHK_X3220	24.949	90.571	0.00	0.06	DHK_X2144	24.958	90.530	0.05	0.06	0.00	0.00	0.05		0.05	0.05	0.05	0.00	0.00	2.00										
19	GZ03_R03_A10	DHK_X0971	24.284	89.917	0.50	0.06	DHK_X1156	24.335	89.921	0.06	0.06	0.00	0.00	0.56	6.80	0.57	0.58	0.57	0.00	0.00	4.00										
20	GZ03_R03_A10	DHK_X1156	24.335	89.921	0.06	0.06	DHK_X1157	24.463	89.871	0.70	0.06	0.00	1.00	1.76	16.00	1.78	1.83	0.77	0.00	1.00	2.00										
21	GZ03_R03_A10	DHK_X1157	24.463	89.871	0.00	0.06	DHK_X0275	24.481	89.973	0.50	0.06	0.00	0.00	0.50	19.80	0.51	0.52	0.51	0.00	0.00	2.00										
22	GZ03_R03_A10	DHK_X0275	24.481	89.973	0.00	0.06	DHK_X2777	24.473	90.195	9.60	0.06	0.00	0.00	9.60	32.56	9.70	9.99	0.30	9.60	0.00	2.00										
23	GZ03_R03_A10	DHK_X2777	24.473	90.195	0.00	0.06	DHK_X2999	24.462	90.235	5.40	0.06	0.00	0.00	5.40		5.45	5.62	0.45	5.00	0.00	2.00										
24	GZ03_R03_A10	DHK_X2999	24.462	90.235	0.00	0.06	DHK_X0240	24.409	90.388	12.50	0.06	0.00	1.80	14.30		14.44	14.88	0.30	12.50	2.00	2.00										
25	GZ03_R03_A10	DHK_X0240	24.409	90.388	0.00	0.06	DHK_X3404	24.383	90.376	0.60	0.06	0.00	0.00	0.60		0.61	0.62	0.61	0.00	0.00	4.00										
26	MM01_R02_A11	DHK_X1167	24.936	89.923	0.00	0.00	DHK_X3283	24.869	90.066	1.15	0.06	0.00	4.00	5.15		5.20	5.36	0.20	0.00	4.00	2.00										
27	MM01_R02_A11	DHK_X3283	24.869	90.066	0.00	0.06	DHK_X1997	24.816	90.125	0.30	0.06	0.00	0.00	0.30		0.30	0.31	0.30	0.00	0.00	2.00										
28	MM01_R02_A11	DHK_X1997	24.816	90.125	0.00	0.06	DHK_X2933	24.775	90.163	0.10	0.06	0.00	0.00	0.10		0.10	0.10	0.10	0.00	0.00	2.00										
29	MM01_R02_A11	DHK_X2933	24.775	90.163	0.10	0.06	DHK_X1877	24.823	90.256	0.30	0.06	0.00	0.00	0.40		0.40	0.42	0.40	0.00	0.00	2.00										
30	MM01_R02_A11	DHK_X1877	24.823	90.256	0.00	0.06	DHK_X4427	24.776	90.313	0.15	0.06	0.00	0.00	0.15		0.15	0.16	0.15	0.00	0.00	2.00										
31	MM01_R02_A11	DHK_X4427	24.776	90.313	0.15	0.06	DHK_X2667	24.722	90.357	0.40	0.06	0.00	11.00	11.55		11.67	12.02	0.96	0.00	12.00	2.00										
32	MM01_R02_A11	DHK_X2667	24.722	90.357	0.23	0.06	MM01	24.71	90.411	0.08	0.06	0.00	0.00	0.31		0.31	0.32	0.31	0.00	0.00	2.00										
33	MM01_R02_A10	DHK_X1167	24.936	89.923	0.00	0.00	DHK_X3250	24.95	89.889	0.30	0.06	0.00	0.00	0.30		0.30	0.31	0.30	0.00	0.00	2.00										
34	MM01_R02_A10	DHK_X3250	24.95	89.889	0.00	0.06	DHK_X0484	24.982	89.824	1.70	0.06	0.00	0.00	1.70		1.72	1.77	1.72	0.00	0.00	2.00										
35	MM01_R02_A10	DHK_X0484	24.982	89.824	0.00	0.06	DHK_X2646	25.109	89.774	0.55	0.06	0.00	0.00	0.55		0.56	0.57	0.56	0.00	0.00	2.00										
36	MM01_R02_A10	DHK_X2646	25.109	89.774	0.00	0.06	DHK_X2645	25.178	89.897	1.10	0.06	0.00	0.00	1.10		1.11	1.14	1.11	0.00	0.00	2.00										
37	MM01_R02_A10	DHK_X2645	25.178	89.897	0.00	0.06	DHK_X2639	25.161	89.986	0.18	0.06	0.00	0.00	0.18		0.18	0.19	0.18	0.00	0.00	2.00										
38	MM01_R02_A10	DHK_X2639	25.161	89.986	0.18	0.06	DHK_X2936	25.067	90.031	0.90	0.06	0.00	0.00	1.08		1.09	1.12	1.09	0.00	0.00	2.00										
39	MM01_R02_A10	DHK_X2936	25.067	90.031	0.00	0.06	DHK_X9028	25.026	90.003	2.05	0.06	0.00	0.00	2.05		2.07	2.13	2.07	0.00	0.00	2.00										
40	MM01_R02_A05	DHK_X1167	24.936	89.923	0.00	0.00	DHK_X1719	24.929	89.947	0.32	0.06	0.00	0.00	0.32		0.32	0.33	0.32	0.00	0.00	2.00										

41	MM01_R02_A05	DHK_X1719	24.929	89.947	0.32	0.06	DHK_X1919	89.947	89.95	0.95	0.06	0.00	4.00	5.27		5.32	5.48	1.28	0.00	5.00	2.00
42	MM01_R02_A05	DHK_X1919	24.903	89.95	0.00	0.06	DHK_X2868	24.979	89.969	0.45	0.06	0.00	0.00	0.45		0.45	0.47	0.45	0.00	0.00	2.00
43	MM01_R02_A05	DHK_X2868	24.979	89.969	0.00	0.06	DHK_X4135	25.001	90.013	0.85	0.06	0.00	0.00	0.85		0.86	0.88	0.86	0.00	0.00	2.00
44	MM01_R02_A05	DHK_X4135	25.001	90.013	0.00	0.06	DHK_X9028	25.026	90.003	2.05	0.06	0.00	0.00	2.05		2.07	2.13	2.07	0.00	0.00	2.00
45	MM01_R02_A06	DHK_X2210	24.765	89.926	0.09	0.06	DHK_X0545	24.82	89.935	0.75	0.06	0.00	0.00	0.84		0.85	0.87	0.85	0.00	0.00	2.00
46	MM01_R02_A06	DHK_X0545	24.82	89.935	0.00	0.06	DHK_X3741	24.955	89.922	1.25	0.06	0.00	0.00	1.25		1.26	1.30	1.26	0.00	0.00	2.00
47	MM01_R02_A06	DHK_X3741	24.955	89.922	0.00	0.06	DHK_X1167	24.936	89.923	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	2.00

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