

SURVEYING PROFILE LEVELING & EARTHWORK REPORT

Rise & Fall Leveling Method Quantity Profile Plot

Date Generated: 09 Jul 2026, 10:31

Design Settings: Start Ground RL: 100.0 m | Start Formation RL: 100.5 m | Slope: -1% | Bc: 10.0m, Bf: 8.0m | Cut slope: 1.5:1, Fill slope: 2.0:1

Calculated Volumes: Total Fill: **23549.32 m³** | Total Cut: **0.00 m³**



S.No	St.	Chain.	BS (m)	IS (m)	FS (m)	Rise	Fall	G. RL	F. RL	Depth	C.Area	F.Area	Avg C.A	Avg F.A	Cut Vol	Fill Vol
1	A	0.0	1.25	-	-	-	-	100.00	100.50	Fill:0.50	-	4.50	-	-	-	-
2	B	30.0	-	1.85	-	-	0.60	99.40	100.65	Fill:1.25	-	13.13	-	8.81	-	264.38
3	C	60.0	0.85	-	2.30	-	0.45	98.95	100.80	Fill:1.85	-	21.64	-	17.38	-	521.55
4	D	90.0	-	1.15	-	-	0.30	98.65	100.95	Fill:2.30	-	28.98	-	25.31	-	759.37
5	E	120.0	-	1.60	-	-	0.45	98.20	101.10	Fill:2.90	-	40.02	-	34.50	-	1035.00
6	F	150.0	1.50	-	2.10	-	0.50	97.70	101.25	Fill:3.55	-	53.60	-	46.81	-	1404.37
7	G	180.0	-	5.50	-	-	4.00	93.70	101.40	Fill:7.70	-	180.18	-	116.89	-	3506.78
8	H	210.0	-	1.30	-	4.20	-	97.90	101.55	Fill:3.65	-	55.84	-	118.01	-	3540.37
9	I	240.0	-	5.40	-	-	4.10	93.80	101.70	Fill:7.90	-	188.02	-	121.93	-	3657.97
10	J	270.0	-	1.60	-	3.80	-	97.60	101.85	Fill:4.25	-	70.12	-	129.07	-	3872.17
11	K	300.0	-	2.50	-	-	0.90	96.70	102.00	Fill:5.30	-	98.58	-	84.35	-	2530.57
12	L	330.0	-	-	1.10	1.40	-	98.10	102.15	Fill:4.05	-	65.20	-	81.89	-	2456.77