

Schedule of Earthwork effect from 01-01-2012 (দুৱত অনুযায়ী মাটিৰ কাজৰ পৰিমাণ)

LOOSE AND SOFT SOIL TO BE EXCAVATED BY SPADE/SHOVEL =

Lift	Upto 80ft		80 to 160ft		160 to 240ft		240 to 320ft		320 to 400ft		400 to 480ft		480 to 560ft		560 to 640ft	
	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm
Foot																
Upto 5	1.5	69	1.95	65	1.84	60	1.70	55	1.56	51	1.44	45	1.27	42	1.19	39
5 - 8	1.5 - 2.4	65	1.84	62	1.76	57	1.61	52	1.47	48	1.36	43	1.22	40	1.13	37
8 - 11.5	2.4 - 3.5	62	1.76	59	1.67	55	1.56	50	1.42	46	1.3	41	1.16	38	1.08	35
11.5 - 15	3.5 - 4.5	58	1.64	56	1.59	52	1.47	47	1.33	43	1.22	39	1.1	36	1.02	33
15 - 18	4.5 - 5.5	54	1.53	52	1.47	49	1.39	44	1.25	40	1.13	37	1.05	34	0.96	31
18 - 21.5	5.5 - 6.5	50	1.42	49	1.39	46	1.30	41	1.16	37	1.05	35	0.99	32	0.91	29

ORDINARY MIXED SOIL TO BE EXCAVATED BY SPADE =

Lift	Upto 80ft		80 to 160ft		160 to 240ft		240 to 320ft		320 to 400ft		400 to 480ft		480 to 560ft		560 to 640ft	
	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm
Foot																
Upto 5	1.5	62	1.76	56	1.59	50	1.42	45	1.27	41	1.16	37	1.05	33	0.93	30
5 - 8	1.5 - 2.4	58	1.64	52	1.47	47	1.33	42	1.19	38	1.08	35	0.99	31	0.88	28
8 - 11.5	2.4 - 3.5	54	1.53	49	1.39	44	1.25	39	1.1	35	0.99	33	0.93	33	0.82	26
11.5 - 15	3.5 - 4.5	50	1.42	46	1.3	41	1.16	36	1.02	33	0.93	31	0.88	27	0.76	24
15 - 18	4.5 - 5.5	47	1.33	43	1.22	38	1.08	34	0.96	31	0.88	29	0.82	25	0.71	22
18 - 21.5	5.5 - 6.5	44	1.25	40	1.13	35	0.99	32	0.91	29	0.82	27	0.76	23	0.65	21

MIXED MEDIUM HARD SOIL WITH SOFT MOORUM, HARD EARTH, KANKAR Etc. TO BE EXCAVATED BY PICK-AXE =

Lift	Upto 80ft		80 to 160ft		160 to 240ft		240 to 320ft		320 to 400ft		400 to 480ft		480 to 560ft		560 to 640ft	
	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm
Foot																
Upto 5	1.5	52	1.47	47	1.33	42	1.19	38	1.08	34	0.96	31	0.88	28	0.79	25
5 - 8	1.5 - 2.4	48	1.36	44	1.25	39	1.1	35	0.99	32	0.91	29	0.82	26	0.74	23
8 - 11.5	2.4 - 3.5	45	1.27	41	1.16	36	1.02	33	0.93	30	0.85	27	0.76	24	0.68	22
11.5 - 15	3.5 - 4.5	42	1.19	38	1.08	34	0.96	31	0.88	28	0.79	25	0.71	23	0.65	20
15 - 18	4.5 - 5.5	39	1.1	36	1.02	32	0.91	29	0.82	26	0.74	23	0.65	21	0.59	19
18 - 21.5	5.5 - 6.5	36	1.02	33	0.93	30	0.85	27	0.76	24	0.68	22	0.62	20	0.57	18

→ HARD SOIL/MOORUM-LATERITE OR ROCKY SOIL TO BE EXCAVATED BY PICK-AXE =

Lift	Upto 80ft		80 to 160ft		160 to 240ft		240 to 320ft		320 to 400ft		400 to 480ft		480 to 560ft		560 to 640ft		
	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	
Foot	Meter	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm
Upto 5	1.5	40	1.13	34	0.96	30	0.85	25	0.71	20	0.57	17	0.48	15	0.42	13	0.37
5 - 8	1.5 - 2.4	38	1.08	32	0.91	28	0.79	24	0.68	19	0.54	16	0.45	14	0.4	12	0.34
8 - 11.5	2.4 - 3.5	36	1.02	31	0.88	26	0.74	23	0.65	18	0.51	15	0.42	13	0.37	11	0.31
11.5 - 15	3.5 - 4.5	35	0.99	30	0.85	24	0.68	22	0.62	17	0.48	14	0.4	12	0.34	10	0.28
15 - 18	4.5 - 5.5	32	0.91	27	0.76	23	0.65	20	0.57	16	0.45	13	0.37	11	0.31	9	0.25
18 - 21.5	5.5 - 6.5	28	0.79	24	0.68	21	0.59	18	0.51	14	0.4	12	0.34	10	0.28	8	0.23

→ MUDDY/SLUSHY SOIL (TO BE LIFTED AND MEASURED BY TIN/BUCKET) =

Foot	Meter	Upto 80ft		80 to 160ft		160 to 240ft		240 to 320ft	
		Cft.	Cumm	Cft.	Cumm	Cft.	Cumm	Cft.	Cumm
Upto 5	1.5	50	1.42	44	1.25	37	1.05	30	0.85
5 - 8	1.5 - 2.4	46	1.3	41	1.16	34	0.96	28	0.79
8 - 11.5	2.4 - 3.5	43	1.22	38	1.08	32	0.91	26	0.74
11.5 - 15	3.5 - 4.5	40	1.13	36	1.02	30	0.85	24	0.68
15 - 18	4.5 - 5.5	38	1.08	33	0.93	28	0.79	23	0.65

→ SURFACE EXCAVATION OF AGRICULTURE/FALLOW LAND, AVG. DEPTH OF 15 CM. AND TAKING OUT THE SPOILS FOR LAND DEVELOPMENT INCLUDING WATERING, DRESSING, LEVELLING AND COMPACTING.

Lead	Upto 80ft		80 to 160ft		160 to 240ft		240 to 320ft		320 to 400ft		400 to 480ft	
	Sqft	Sqmw	Sqft	Sqmw	Sqft	Sqmw	Sqft	Sqmw	Sqft	Sqmw	Sqft	Sqmw
Quantity	100	9.29	90	8.36	80	7.43	70	6.50	60	5.57	50	4.65