

# 31 23 Excavation and Fill

## 31 23 23 - Fill

31 23 23.20 Hauling		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
9708	cycle 20 miles	B-34I	162	.049	L.C.Y.		2.62	4.70	7.32	9.05
9710	cycle 30 miles		126	.063			3.37	6.05	9.42	11.70
9712	cycle 40 miles		108	.074			3.93	7.05	10.98	13.60
9714	cycle 50 miles	↓	90	.089	↓		4.72	8.45	13.17	16.35

## 31 23 23.24 Compaction, Structural

0010 COMPACTION, STRUCTURAL		R312323-30								
0020	Steel wheel tandem roller, 5 tons	B-10E	8	1.500	Hr.		83	33	116	160
0100	10 tons	B-10F	8	1.500	"		83	42.50	125.50	171
0300	Sheepsfoot or wobbly wheel roller, 8" lifts, common fill	B-10G	1300	.009	E.C.Y.		.51	.56	1.07	1.38
0400	Select fill	"	1500	.008			.44	.49	.93	1.20
0600	Vibratory plate, 8" lifts, common fill	A-1D	200	.040			1.82	.56	2.38	3.34
0700	Select fill	"	216	.037	↓		1.69	.52	2.21	3.08

# 31 25 Erosion and Sedimentation Controls

## 31 25 14 - Stabilization Measures for Erosion and Sedimentation Control

### 31 25 14.16 Rolled Erosion Control Mats and Blankets

0010	ROLLED EROSION CONTROL MATS AND BLANKETS										
0020	Jute mesh, 100 S.Y. per roll, 4' wide, stapled	G	B-80A	2400	.010	S.Y.	.99	.46	.16	1.61	1.94
0070	Paper biodegradable mesh	G	B-1	2500	.010		.20	.44		.64	.88
0080	Paper mulch	G	B-64	20000	.001		.11	.04	.03	.18	.21
0100	Plastic netting, stapled, 2" x 1" mesh, 20 mil	G	B-1	2500	.010		1.76	.44		2.20	2.60
0200	Polypropylene mesh, stapled, 6.5 oz./S.Y.	G		2500	.010		1.76	.44		2.20	2.60
0300	Tobacco netting, or jute mesh #2, stapled	G		2500	.010		.25	.44		.69	.94
0600	Straw in polymeric netting, biodegradable log		A-2	1000	.024	L.F.	2.25	1.13	.34	3.72	4.54
0705	Sediment Log, Filter Sock, 9"		A-2	1000	.024	L.F.	2.26	1.13	.34	3.73	4.55
0710	Sediment Log, Filter Sock, 12"		"	1000	.024		3.04	1.13	.34	4.51	5.40
1000	Silt fence, install and remove	G	B-62	650	.037		.53	1.82	.40	2.75	3.74
1250	Straw bale, install and remove			450	.053		1.89	2.63	.58	5.10	6.65
1275	Straw bale, synthetic, install and remove			450	.053		3.83	2.63	.58	7.04	8.80
1625	Erosion control, Silt Sac, for Catch Basin, Single 2ft x 2ft			24	1		45	49.50	10.95	105.45	135
2000	Snow fence, install and remove			650	.037		.57	1.82	.40	2.79	3.79

# 31 31 Soil Treatment

## 31 31 16 - Termite Control

### 31 31 16.13 Chemical Termite Control

0010 CHEMICAL TERMITE CONTROL											
0020	Slab and walls, residential		1 Skwk	1200	.007	SF Flr.	.35	.39		.74	.98
0100	Commercial, minimum			2496	.003		.40	.19		.59	.72
0200	Maximum			1645	.005	↓	.60	.29		.89	1.09
0400	Insecticides for termite control, minimum			14	.571	Gal.	2.45	33.50		35.95	53
0500	Maximum		↓	11	.727	"	4.91	43		47.91	70