

FOREST AREA Earthwork calculation 0-10.611 Km.					
From:Finished Road					
To:Original Ground					
Chainage	Distance	CutArea	FillArea	CutVolume	FillVolume
0	0	0.55	0.04	0.00	0.00
25	25	0.00	5.88	6.85	73.99
50	25	1.63	0.00	20.35	73.55
75	25	12.05	0.00	171.01	0.00
100	25	16.39	0.00	355.58	0.00
125	25	17.29	0.00	421.05	0.00
150	25	13.29	0.00	382.26	0.00
175	25	2.26	0.00	194.43	0.00
200	25	0.00	12.87	28.30	160.93
225	25	1.91	0.00	23.81	160.93
250	25	13.97	0.00	198.48	0.00
275	25	14.23	0.00	352.59	0.00
300	25	8.69	0.00	286.50	0.00
325	25	0.00	7.21	108.58	90.15
350	25	0.00	22.66	0.00	373.34
375	25	0.57	10.96	7.06	420.13
400	25	8.05	0.00	107.65	136.94
425	25	4.26	0.00	153.86	0.00
450	25	0.00	2.72	53.28	34.01
475	25	0.00	13.53	0.00	203.08
500	25	0.00	29.84	0.00	542.06
525	25	0.00	41.74	0.00	894.69
550	25	0.00	13.48	0.00	690.24
575	25	3.97	0.00	49.59	168.55
600	25	5.15	0.00	113.94	0.00
625	25	4.78	0.00	124.09	0.00
650	25	5.83	0.00	132.55	0.00
675	25	8.24	0.00	175.86	0.00
700	25	0.50	1.62	109.24	20.19
725	25	0.00	11.75	6.19	167.03
750	25	0.00	16.53	0.00	353.44
775	25	0.00	62.12	0.00	983.11
800	25	0.00	47.88	0.00	1374.99
825	25	0.00	24.18	0.00	900.76
850	25	2.04	0.35	25.45	306.69

Chainage	Distance	CutArea	FillArea	CutVolume	FillVolume
875	25	8.50	0.00	131.75	4.40
900	25	8.58	0.00	213.51	0.00
925	25	0.32	2.87	111.21	35.81
950	25	12.55	0.00	160.81	35.81
975	25	17.89	0.00	380.40	0.00
1000	25	13.42	0.00	391.28	0.00
1025	25	14.02	0.00	342.94	0.00
1050	25	26.45	0.00	505.89	0.00
1075	25	40.04	0.00	831.18	0.00
1100	25	36.65	0.00	958.64	0.00
1125	25	31.78	0.00	855.31	0.00
1150	25	21.28	0.00	663.25	0.00
1175	25	24.05	0.00	566.71	0.00
1200	25	35.77	0.00	747.79	0.00
1225	25	40.87	0.00	958.01	0.00
1250	25	37.55	0.00	980.30	0.00
1275	25	21.28	0.00	735.35	0.00
1300	25	1.59	4.37	285.81	54.58
1325	25	0.00	12.92	19.86	216.06
1350	25	0.00	18.09	0.00	387.65
1375	25	0.00	32.19	0.00	628.51
1400	25	0.00	38.16	0.00	879.35
1425	25	0.00	44.05	0.00	1027.66
1450	25	0.00	58.83	0.00	1285.98
1475	25	0.00	66.52	0.00	1566.86
1500	25	0.00	28.98	0.00	1193.83
1525	25	0.00	10.54	0.00	493.96
1550	25	0.00	12.83	0.00	292.10
1575	25	0.00	37.23	0.00	625.74
1600	25	0.00	72.06	0.00	1366.01
1625	25	0.00	95.11	0.00	2089.50
1650	25	0.00	72.56	0.00	2095.85
1675	25	0.00	41.49	0.00	1425.61
1700	25	0.00	17.24	0.00	734.10
1725	25	0.00	12.88	0.00	376.55
1750	25	0.00	13.44	0.00	329.01
1775	25	0.00	7.81	0.00	265.59
1800	25	0.00	7.41	0.00	190.26
1825	25	0.00	5.94	0.00	166.96

Chainage	Distance	CutArea	FillArea	CutVolume	FillVolume
1850	25	0.08	3.79	0.99	121.70
1875	25	0.00	16.56	0.99	254.41
1900	25	0.00	34.03	0.00	632.33
1925	25	0.00	42.64	0.00	958.33
1950	25	0.00	20.13	0.00	784.59
1975	25	0.00	6.33	0.00	330.74
2000	25	2.72	0.27	34.05	82.53
2025	25	0.00	0.67	34.05	11.73
2050	25	0.18	0.22	2.20	11.11
2075	25	0.14	0.27	3.94	6.18
2100	25	1.22	0.84	16.94	13.88
2125	25	2.90	0.00	51.44	10.45
2150	25	5.07	0.05	99.56	0.64
2175	25	7.06	0.00	151.60	0.64
2200	25	10.80	0.00	223.23	0.00
2225	25	10.12	0.00	261.48	0.00
2250	25	7.00	0.00	214.08	0.00
2275	25	7.11	0.00	176.45	0.00
2300	25	11.43	0.00	231.75	0.00
2325	25	10.73	0.00	277.03	0.00
2350	25	17.85	0.00	357.28	0.00
2375	25	19.17	0.00	462.78	0.00
2400	25	17.36	0.00	456.73	0.00
2425	25	7.58	0.00	311.75	0.00
2450	25	0.00	5.13	94.70	64.08
2475	25	2.59	0.22	32.36	66.88
2500	25	4.33	0.00	86.46	2.80
2525	25	0.81	1.37	64.18	17.14
2550	25	0.80	1.24	20.03	32.69
2575	25	1.99	0.15	34.76	17.48
2600	25	7.77	0.00	121.91	1.93
2625	25	18.51	0.00	328.41	0.00
2650	25	21.76	0.00	503.36	0.00
2675	25	2.51	0.68	303.48	8.55
2700	25	3.55	0.76	75.85	18.06
2725	25	0.00	8.83	44.43	119.94
2750	25	0.00	17.61	0.00	330.51
2775	25	0.00	45.42	0.00	787.84
2800	25	0.00	77.09	0.00	1531.43

Chainage	Distance	CutArea	FillArea	CutVolume	FillVolume
2825	25	0.00	113.03	0.00	2376.60
2838	13	0.00	158.39	0.00	1764.25
2862	0	0.00	68.33	0.00	0.00
2875	13	0.00	68.33	0.00	888.26
2900	25	0.00	20.98	0.00	1116.38
2925	25	22.66	0.00	283.28	262.28
2950	25	74.53	0.00	1214.88	0.00
2975	25	146.08	0.00	2757.64	0.00
3000	25	147.26	0.00	3666.84	0.00
3025	25	132.74	0.00	3500.01	0.00
3050	25	141.95	0.00	3433.55	0.00
3075	25	129.30	0.00	3390.63	0.00
3100	25	92.98	0.00	2778.48	0.00
3125	25	49.78	0.00	1784.39	0.00
3150	25	46.01	0.00	1197.33	0.00
3175	25	30.19	0.00	952.53	0.00
3200	25	25.90	0.00	701.18	0.00
3225	25	12.16	0.00	475.78	0.00
3250	25	5.97	0.00	226.60	0.00
3275	25	11.47	0.00	217.91	0.00
3300	25	12.96	0.03	305.36	0.33
3325	25	20.76	0.00	421.55	0.33
3350	25	29.56	0.00	629.05	0.00
3375	25	46.89	0.00	955.61	0.00
3400	25	36.38	0.00	1040.81	0.00
3425	25	32.63	0.00	862.61	0.00
3450	25	34.58	0.00	840.10	0.00
3475	25	27.94	0.00	781.48	0.00
3500	25	22.15	0.00	626.06	0.00
3525	25	20.15	0.00	528.73	0.00
3550	25	13.23	0.00	417.25	0.00
3575	25	0.38	6.24	170.06	77.95
3600	25	1.22	2.70	19.90	111.73
3625	25	12.88	0.00	176.20	33.78
3650	25	28.16	0.00	513.00	0.00
3675	25	48.42	0.00	957.21	0.00
3700	25	75.59	0.00	1550.11	0.00
3725	25	95.01	0.00	2132.51	0.00

Chainage	Distance	CutArea	FillArea	CutVolume	FillVolume
3750	25	115.67	0.00	2633.50	0.00
3775	25	168.42	0.00	3551.15	0.00
3800	25	284.53	0.00	5661.86	0.00
3825	25	372.15	0.00	8208.46	0.00
3850	25	188.98	0.00	7014.13	0.00
3875	25	152.22	0.00	4265.05	0.00
3900	25	78.30	0.00	2881.54	0.00
3925	25	18.67	0.00	1212.09	0.00
3950	25	13.62	0.00	403.61	0.00
3975	25	148.07	0.00	2021.15	0.00
4000	25	13.09	0.05	2014.54	0.68
4025	25	0.00	175.03	163.65	2188.58
4050	25	0.00	142.95	0.00	3974.80
4075	25	0.00	120.22	0.00	3289.59
4100	25	0.00	188.23	0.00	3855.54
4125	25	0.00	262.60	0.00	5635.31
4150	25	0.00	171.17	0.00	5422.13
4175	25	0.00	83.38	0.00	3181.85
4200	25	0.00	71.72	0.00	1938.63
4225	25	0.00	60.19	0.00	1648.86
4250	25	0.00	33.94	0.00	1176.64
4275	25	6.53	0.94	81.60	435.99
4300	25	2.51	4.19	112.91	64.11
4325	25	2.36	21.68	60.83	323.36
4350	25	0.00	50.00	29.51	896.05
4375	25	24.92	0.00	311.49	625.03
4400	25	176.58	0.00	2518.76	0.00
4425	25	562.51	0.00	9238.63	0.00
4450	25	496.61	0.00	13239.00	0.00
4475	25	180.81	0.00	8467.80	0.00
4500	25	70.19	0.00	3137.46	0.00
4525	25	2.43	0.93	907.69	11.66
4550	25	0.00	12.77	30.38	171.33
4575	25	0.00	23.17	0.00	449.29
4600	25	0.00	22.37	0.00	569.28
4625	25	0.57	3.84	7.08	327.63
4650	25	6.88	0.00	93.08	48.03
4675	25	10.86	0.00	221.71	0.05
4700	25	4.93	0.63	197.33	7.85

Chainage	Distance	CutArea	FillArea	CutVolume	FillVolume
4725	25	0.38	3.30	66.38	49.05
4750	25	0.05	2.31	5.44	70.01
4775	25	0.00	4.05	0.68	79.48
4800	25	0.42	0.72	5.29	59.66
4825	25	1.11	1.12	19.21	22.96
4850	25	1.18	3.37	28.63	56.11
4875	25	1.41	6.10	32.33	118.35
4900	25	8.12	0.66	119.06	84.39
4925	25	46.55	0.00	683.35	8.19
4950	25	56.04	0.00	1282.46	0.00
4975	25	45.60	0.00	1270.55	0.00
5000	25	43.63	0.00	1115.43	0.00
5025	25	38.29	0.00	1024.05	0.00
5050	25	52.13	0.00	1130.23	0.00
5075	25	65.27	0.00	1467.48	0.00
5100	25	80.67	0.00	1824.29	0.00
5125	25	92.46	0.00	2164.14	0.00
5150	25	100.46	0.00	2411.50	0.00
5175	25	97.78	0.00	2478.05	0.00
5200	25	81.04	0.00	2235.33	0.00
5225	25	52.00	0.00	1663.08	0.00
5250	25	39.38	0.00	1142.25	0.00
5275	25	48.08	0.00	1093.20	0.00
5300	25	59.85	0.00	1349.14	0.00
5325	25	55.59	0.00	1442.98	0.00
5350	25	64.32	0.00	1498.85	0.00
5375	25	52.97	0.00	1466.19	0.00
5400	25	42.90	0.00	1198.45	0.00
5425	25	55.00	0.00	1223.75	0.00
5450	25	95.91	0.00	1886.31	0.00
5475	25	73.07	0.00	2112.25	0.00
5500	25	45.63	0.00	1483.75	0.00
5525	25	30.41	0.00	950.44	0.00
5550	25	72.46	0.00	1285.78	0.00
5575	25	102.10	0.00	2181.89	0.00
5600	25	67.40	0.00	2118.68	0.00
5625	25	68.43	0.00	1697.86	0.00
5650	25	128.64	0.00	2463.33	0.00
5675	25	166.57	0.00	3690.04	0.00

Chainage	Distance	CutArea	FillArea	CutVolume	FillVolume
5700	25	183.11	0.00	4370.99	0.00
5725	25	160.08	0.00	4289.85	0.00
5750	25	92.85	0.00	3161.60	0.00
5775	25	40.69	0.00	1669.31	0.00
5800	25	56.02	0.00	1208.91	0.00
5825	25	73.32	0.00	1616.71	0.00
5850	25	78.08	0.00	1892.41	0.00
5875	25	134.27	0.00	2654.35	0.00
5900	25	107.39	0.00	3020.78	0.00
5925	25	67.71	0.00	2188.79	0.00
5950	25	23.11	0.36	1135.29	4.50
5975	25	37.55	0.00	758.24	4.50
6000	25	78.35	0.00	1448.69	0.00
6025	25	80.15	0.00	1981.18	0.00
6050	25	51.22	0.00	1642.15	0.00
6075	25	43.10	0.08	1179.03	0.95
6100	25	50.64	0.00	1171.73	0.95
6125	25	61.79	0.00	1405.33	0.00
6150	25	63.95	0.00	1571.69	0.00
6175	25	60.41	0.00	1554.49	0.00
6200	25	60.86	0.00	1515.81	0.00
6225	25	44.89	0.00	1321.76	0.00
6250	25	28.95	10.21	922.94	127.68
6275	25	27.57	0.00	706.43	127.68
6300	25	106.11	0.00	1670.95	0.00
6325	25	188.79	0.00	3686.28	0.00
6350	25	237.29	0.00	5326.05	0.00
6375	25	179.21	0.00	5206.25	0.00
6400	25	129.78	0.00	3862.29	0.00
6425	25	107.73	0.00	2968.80	0.00
6450	25	122.60	0.00	2879.13	0.00
6475	25	148.24	0.00	3385.48	0.00
6500	25	159.70	0.00	3849.18	0.00
6525	25	151.55	0.00	3890.55	0.00
6550	25	113.27	0.00	3310.25	0.00
6575	25	52.50	0.00	2072.19	0.00
6600	25	45.31	0.00	1222.61	0.00
6625	25	155.01	0.00	2504.01	0.00
6650	25	217.36	0.00	4654.69	0.00

Chainage	Distance	CutArea	FillArea	CutVolume	FillVolume
6675	25	56.01	0.00	3417.09	0.00
6700	25	16.12	0.00	901.60	0.00
6725	25	8.87	0.00	312.39	0.00
6750	25	21.41	0.00	378.46	0.00
6775	25	35.96	0.00	717.10	0.00
6800	25	53.26	0.00	1115.29	0.00
6825	25	47.50	0.00	1259.56	0.00
6850	25	42.90	21.04	1130.01	262.95
6875	25	42.00	0.00	1061.29	262.95
6900	25	54.39	0.00	1204.90	0.00
6925	25	79.98	0.00	1679.61	0.00
6950	25	57.12	0.00	1713.69	0.00
6975	25	3.99	44.00	763.81	549.94
7000	25	46.39	0.00	629.70	549.94
7025	25	82.11	0.00	1606.21	0.00
7050	25	150.73	0.00	2910.53	0.00
7075	25	197.09	0.00	4347.76	0.00
7100	25	169.19	0.00	4578.53	0.00
7125	25	110.59	0.00	3497.24	0.00
7150	25	117.69	0.00	2853.41	0.00
7175	25	142.86	0.00	3256.88	0.00
7200	25	170.51	0.00	3917.11	0.00
7225	25	186.86	0.00	4467.08	0.00
7250	25	121.49	0.00	3854.34	0.00
7275	25	63.68	0.00	2314.54	0.00
7300	25	63.11	0.00	1584.80	0.00
7325	25	73.02	0.00	1701.60	0.00
7350	25	83.16	0.00	1952.30	0.00
7375	25	113.44	0.00	2457.58	0.00
7400	25	127.62	0.00	3013.23	0.00
7425	25	88.18	0.00	2697.38	0.00
7450	25	70.96	0.00	1989.20	0.00
7475	25	140.20	0.00	2639.51	0.00
7500	25	150.59	0.00	3634.88	0.00
7525	25	148.80	0.00	3742.43	0.00
7550	25	44.56	0.00	2417.09	0.00
7575	25	2.93	3.37	593.70	42.10
7600	25	3.00	1.72	74.21	63.61
7625	25	5.17	0.96	102.16	33.50

Chainage	Distance	CutArea	FillArea	CutVolume	FillVolume
7650	25	0.00	8.61	64.61	119.59
7660	10	0.00	8.61	0.00	86.08
7725	0	0.44	13.48	0.00	0.00
7750	25	0.00	28.53	5.55	525.18
7775	25	218.86	0.00	2735.79	356.64
7800	25	253.77	0.00	5907.91	0.00
7825	25	271.06	0.00	6560.38	0.00
7850	25	285.06	0.00	6951.49	0.00
7875	25	288.25	0.00	7166.33	0.00
7900	25	277.20	0.00	7068.08	0.00
7925	25	262.59	0.00	6747.31	0.00
7950	25	230.87	0.00	6168.21	0.00
7975	25	143.43	0.00	4678.71	0.00
8000	25	152.45	0.00	3698.50	0.00
8025	25	80.98	0.00	2917.94	0.00
8050	25	180.29	0.00	3265.91	0.00
8075	25	214.86	0.00	4939.34	0.00
8100	25	71.55	0.00	3580.06	0.00
8125	25	7.00	69.91	981.89	873.90
8150	25	0.00	104.45	87.51	2179.54
8175	25	6.77	6.34	84.66	1384.88
8200	25	32.69	0.00	493.33	79.24
8225	25	11.67	2.03	554.51	25.43
8250	25	0.00	55.13	145.85	714.55
8275	25	0.05	23.42	0.56	981.93
8300	25	8.77	15.60	110.20	487.79
8325	25	39.32	0.00	601.19	194.99
8350	25	130.18	0.00	2118.80	0.00
8375	25	204.89	0.00	4188.38	0.00
8400	25	51.10	0.00	3199.81	0.00
8425	25	4.77	28.90	698.36	361.30
8450	25	41.59	0.00	579.55	361.30
8475	25	44.42	0.00	1075.11	0.00
8500	25	26.69	1.69	888.91	21.18
8525	25	17.74	0.31	555.38	25.03
8550	25	37.82	0.00	694.44	3.85
8575	25	40.30	0.00	976.53	0.00
8600	25	39.89	0.00	1002.39	0.00

Chainage	Distance	CutArea	FillArea	CutVolume	FillVolume
8625	25	20.65	0.00	756.68	0.00
8650	25	0.65	39.02	266.21	487.75
8675	25	45.46	0.00	576.35	487.75
8700	25	142.05	0.00	2343.88	0.00
8725	25	268.66	0.00	5133.91	0.00
8750	25	228.15	0.00	6210.14	0.00
8775	25	184.19	0.00	5154.25	0.00
8800	25	171.92	0.00	4451.35	0.00
8825	25	158.76	0.00	4133.44	0.00
8850	25	148.76	0.00	3843.94	0.00
8875	25	135.50	0.00	3553.29	0.00
8900	25	122.34	0.00	3223.06	0.00
8925	25	106.02	0.00	2854.48	0.00
8950	25	83.51	0.00	2369.09	0.00
8975	25	32.80	0.00	1453.84	0.00
9000	25	0.00	48.30	409.96	603.71
9025	25	2.83	5.49	35.35	672.38
9050	25	0.86	1.48	46.13	87.21
9075	25	0.00	52.17	10.78	670.68
9084	9	0.00	52.17	0.00	469.53
9116	0	0.00	215.57	0.00	0.00
9125	9	0.00	45.32	0.00	1174.01
9150	25	0.00	107.17	0.00	1906.08
9175	25	0.00	71.68	0.00	2235.56
9200	25	0.00	73.21	0.00	1811.15
9225	25	0.00	56.28	0.00	1618.65
9250	25	0.00	23.81	0.00	1001.15
9275	25	27.65	0.00	345.60	297.65
9300	25	94.80	0.00	1530.60	0.00
9325	25	189.48	0.00	3553.54	0.00
9350	25	288.02	0.00	5968.78	0.00
9375	25	414.23	0.00	8778.15	0.00
9400	25	408.85	0.00	10288.59	0.00
9425	25	346.87	0.00	9446.60	0.00
9450	25	237.64	0.00	7306.36	0.00
9475	25	181.63	0.00	5240.81	0.00
9500	25	242.86	0.00	5306.11	0.00
9525	25	291.55	0.00	6680.13	0.00
9550	25	311.80	0.00	7541.83	0.00
9575	25	313.10	0.00	7811.14	0.00
9600	25	319.66	0.00	7909.50	0.00
9625	25	325.66	0.00	8066.60	0.00
9650	25	217.00	0.00	6783.24	0.00
9675	25	121.15	0.00	4226.85	0.00
9700	25	119.08	0.00	3002.89	0.00
9725	25	111.50	0.00	2882.20	0.00
9750	25	3.39	18.33	1436.09	229.16
9775	25	0.00	241.84	42.36	3252.21
9800	25	0.00	318.88	0.00	7009.03
9825	25	0.00	239.11	0.00	6974.79

Chainage	Distance	CutArea	FillArea	CutVolume	FillVolume
9850	25	0.00	223.03	0.00	5776.65
9875	25	0.00	229.93	0.00	5661.94
9900	25	0.00	331.10	0.00	7012.89
9925	25	0.00	181.67	0.00	6409.70
9950	25	0.00	47.64	0.00	2866.45
9975	25	30.40	0.00	379.95	595.54
10000	25	3.29	29.01	421.05	362.59
10025	25	0.00	131.40	41.10	2005.04
10050	25	0.00	232.19	0.00	4544.81
10075	25	15.32	4.94	191.46	2964.16
10100	25	102.22	0.00	1469.25	61.80
10125	25	181.15	0.00	3542.11	0.00
10150	25	0.05	32.55	2264.98	406.91
10175	25	0.00	347.10	0.65	4745.60
10200	25	0.00	856.43	0.00	15044.00
10225	25	0.00	172.64	0.00	12863.36
10250	25	0.00	81.96	0.00	3182.51
10275	25	0.00	20.67	0.03	1282.84
10300	25	0.48	9.17	6.06	372.99
10325	25	0.00	121.14	6.04	1628.91
10334	9	0.00	229.98	0.00	1580.05
10366	0	0.00	97.86	0.00	0.00
10375	9	0.00	97.86	0.00	880.75
10400	25	4.40	27.26	54.95	1564.01
10425	25	0.62	35.05	62.74	778.85
10450	25	0.00	72.96	7.79	1350.15
10475	25	0.00	38.52	0.00	1393.59
10500	25	0.00	73.27	0.00	1397.36
10525	25	0.00	90.89	0.00	2051.96
10550	25	0.00	217.43	0.00	3854.05
10575	25	0.00	257.42	0.00	5935.61
10600	25	0.00	252.85	0.00	6378.29
10625	25	0.00	204.46	0.00	5716.39
				626314.33	228009.15
				Cutting	Fiilling


 Executive Engineer
 Khonsa Highway Division
 PWD, Khonsa