			VOLUME	t=10cm	(m3)					E 14						-					Ī	T		T			Ī							
		AREA)	٥ ۲	<u>н</u>					· · ·						_						_													
•		ON (IN CUT	AREA	· · ·	(m2)																													
		SIDE-BORROW SECTION (IN CUT AREA)	AVERAGE		(E															i- 														
- - -		SIDE-BO	WIDTH		(E																													
			VOLUME	t=10cm	(m3)	43.67	54.92	01.00	85.50	78.00	65.00	50.00	50.50	49.00	45.00	43.50	52.00	47.50	42.00	00.13	70.00	64.00	53.80	53.00	55.00	54.40	54.20	27.45	26.95	52.60	50.10	48.10	42.60	36.10
			AREA		(m2)	436.67	549.19	910.00	855.00	780.00	650.00	500.00	505.00	490.00	450.00	435.00	520.00	475.00	420.00	610.00	700.00	640.00	538.00	530.00	550.00	544.00	542.00	274.50	269.50	526.00	501.00	481.00	426.00	161.00
	TOPSOIL	N FILL AREA	AVERAGE		(m)	51.75	47.50	45.50	42.75	39.00	32.50	25.00	25.25	24.50	22.50	21.75	26.00	23.75	21.00	30.50	35.00	32.00	26.90	26.50	27.50	27.20	27.10	27.45	26.95	26.30	25.05	24.05	21.30	10.06
	REMOVAL OF TOPSOIL	INI	WIDTH A		(m)	49.00	46.00	45.00	40.50	37.50	27.50	22.50	28.00	21.00	24.00	19.50	32.50	15.00	27.00	34.00	36.00	28.00	25.80	27.20	27.80	26.60	27.60	27.30	26.60	26.00	24.10	24.00	18.60	17 60
	*		VOLUME	[=10cm	(m3)	02.6	15.90	22.30	22.30	28.50	42.50	56.70	44.20	38.50	42.00	46.00	45.30	53.80	60.00	33.50	23.50	27.00	15.70	6.30	6.30	8.20	8.90		3.13	6.10	6.55	6.60	12.45	21.01
			AREA		(m2)	97.04	158.98	223.00	223.00	285.00	425.00	567.00	442.00	385.00	420.00	460.00	453.00	538.00	600.009	335.00	235.00	270.00	157.00	63.00	63.00	82.00	89.00	36.00	31.25	61.00	65.50	66.00	124.50	101 60
		IN CUT AREA	AVERAGE	· · · · · · · · · · · · · · · · · · ·	(B)	11.50	13.75	11.15	11.15	14.25	21.25	28.35	22.10	19.25	21.00	23.00	22.65	26.90	30.00	16.75	11.75	13.50	7.85	3.15	3.15	4.10	4.4S	3.60	3.13	3.05	3.28	3.30	6.23	000
		IN.	WIDTH A		(m)	13.50	14.00	8.30	14.00	14.50	28.00	28.70	15.50	23.00	19.00	27.00	18.30	35.50	24.50	00.6	14,50	12.50	3.20	3.10	3.20	5.00	3.90	3.30	2.95	3.15	3.40	3.20	9.25	
OLUMILS			DISTANCE			8,438	11.562	20.000	20.000	20:000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	10.000	10.000	20.000	20.000	20.000	20.000	00000
MAIN ROAD			STATION E			+ 28.438	+ 40.000	7 + 60.000	+ 80.000	7 + 100.000	+ 120.000	+ 140.000	+ 160.000	+ 180.000	+ 200.000	+ 220.000	+ 240.000	+ 260.000	+ 280.000	+ 300,000	+ 320.000	+ 340.000	+ 360.000	+ 380.000	+ 400.000	+ 420.000	+ 440.000	+ 450.000	+ 460.000	+ 480.000	+ 500.000	+ 520.000	+ 540.000	
NIAIN			STA				2	7	2	7	7	1	7	1	2	- L	۲.	- 7	-	5	2	5		7		7	7	Ľ	7	6	1	5		r

Inclut American Inclut American Inclut American Inclut American State Boolesconsection Section Intro (m) (m) (m) (m) (m) (m) (m) (m) 20100 72101 117.18 775.26 73.16 (m) (m) <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>REMOVAL (</th> <th>MOVAL OF TOPSOIL</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							REMOVAL (MOVAL OF TOPSOIL						
Distrance MiDTH AVERACE AREA VOLUME WIDTH AVERACE AREA VOLUME WIDTH AVERACE rein rm) <		•		IN CUT AREA			1	N FILL AREA			SIDE-B	ORROW SECT	ION (IN CUT A	REA)
(m) (m) <th>STATION</th> <th>DISTANCE</th> <th>WIDTH</th> <th>AVERAGE</th> <th>AREA</th> <th>VOLUME</th> <th>WIDTH</th> <th>AVERAGE</th> <th>AREA</th> <th>VOLUME</th> <th>WIDTH</th> <th>AVERAGE</th> <th>AREA</th> <th>VOLUME</th>	STATION	DISTANCE	WIDTH	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME
(m) (m) <td></td> <td></td> <td></td> <td></td> <td></td> <td>t=10cm</td> <td></td> <td></td> <td></td> <td>t=10cm</td> <td></td> <td></td> <td></td> <td>t=10cm</td>						t=10cm				t=10cm				t=10cm
640.000 20.000 27.10 18.75 37.550 37.55 77.50 77.50 77.50 660.107 0.107 20.80 23.95 23.81 13.650 13.66 10.00 3.50 0.57 660.000 20.000 8.13 15.650 13.66 13.66 21.01 2.000 660.000 20.000 3.50 4.35 87.00 8.70 25.40 23.60 23.30 660.000 20.000 3.50 4.35 87.00 8.70 26.40 25.70 20.000 700.000 20.000 3.50 4.35 87.00 8.70 25.80 25.80 25.80 25.80 25.70 23.300 700.000 20.000 20.00 14.20 14.40 26.90 26.40 27.40 760.000 20.000 20.00 14.20 14.20 14.20 24.00 24.00 760.000 20.000 20.00 20.00 26.45 24.14 25.50 24.00			(m)	(m)	(m2)	(m3)	(m)	(m)	(m2)	(m3)	(m)	(m)	(m2)	(m3)
601.17 0,117 2,050 2,395 2,395 2,395 2,395 2,395 0,37 520000 19,893 515 12,396 258,11 258,11 258,12 23,00 28,447 660000 20,000 5,20 6,58 13,650 13,650 13,650 23,00 24,020 660000 20,000 5,20 6,58 7,100 14,100 11,400 25,640 26,65 53,300 700,000 20,000 5,90 7,10 142,00 14,40 14,40 25,80 26,55 53,300 750,000 20,000 5,90 7,10 142,00 18,40 26,40 51,00 26,40 750,000 20,000 20,10 9,12 14,43 14,43 24,40 24,40 750,000 20,000 20,11 14,20 18,40 25,50 51,40 24,40 750,000 20,000 20,11 14,20 18,40 25,50 24,50 25,50 24,50	. 1		27.10		375.50			8.65	173.00	17.30				
620000 19,893 5,15 12,96 28,11 25,16 14,30 24,47 660,000 20,000 5,30 136,00 136,00 136,00 402,00 660,000 20,000 5,30 136,50 13,50 23,46 402,00 660,000 20,000 7,30 4,35 27,00 14,40 14,50 24,50 700,000 20,000 7,30 8,50 14,40 14,50 25,50 25,50 54,30 700,000 20,000 12,10 9,00 18,00 14,50 21,55 57,00 24,900 750,000 20,000 12,10 9,00 18,00 14,50 14,50 21,55 57,00 24,900 770,000 20,000 20,10 14,40 14,45 24,400 24,500 24,500 780,000 20,000 20,10 14,40 14,45 24,500 24,500 24,500 780,000 20,000 20,10 14,50 14,450	. .		20.80		2.56		7,00	3.50	. 0.37	0.04				
640.00 20.000 8.45 6.80 136.00 136.00 136.00 136.00 136.00 20.00 40.2.00 660.000 2.0000 5.30 136.50 136.50 136.50 25.00 42.00 660.000 2.0000 3.50 4.35 87.00 8.70 56.49 25.50 50.00 700.000 2.0000 5.90 14.400 11.400 11.40 26.55 53.3.00 700.000 2.0000 2.010 1.10 1.10 26.55 53.3.00 730.000 2.0000 2.010 1.14.00 11.400 18.30 26.53 55.30 56.30 57.00			5.15		258.11	25.81	21.60	14.30	284.47	28.45				
660.000 20.000 5.20 6.33 136.50 136.50 23.00 24.200 680.000 20.000 3.50 4.35 87.00 87.00 25.00 25.00 25.00 700.000 20.000 8.30 114.00 114.00 114.00 114.00 71.0 42.00 710.000 20.000 5.90 7.10 142.00 15.80 26.53 57.30 57.00 700.000 20.000 5.90 7.10 142.00 14.20 25.60 26.30 57.00 700.000 20.000 29.35 7.13 14.40 14.20 14.50 17.0 34.00 700.000 20.000 29.15 28.29 56.58 56.58 56.58 56.56 57.00 57.00 860.000 20.000 29.01 30.22 56.58 56.58 56.58 56.58 57.50 57.00 880.000 20.000 30.70 30.23 56.58 56.58 56.58 57.50 </td <td>10.0</td> <td></td> <td>8.45</td> <td></td> <td>136.00</td> <td></td> <td>18.60</td> <td>20.10</td> <td>402.00</td> <td></td> <td></td> <td></td> <td></td> <td></td>	10.0		8.45		136.00		18.60	20.10	402.00					
660.000 20.000 3.50 4.35 87.00 8.70 2.6.40 2.5.00 5.70 5.000 700.000 20.000 8.30 8.10 114.00 11.40 26.90 26.65 533.00 740.000 20.000 8.30 8.10 14.200 14.20 25.80 26.56 533.00 740.000 20.000 23.51 20.11 14.20 14.42 25.80 25.70 514.40 750.000 20.000 23.51 20.73 414.50 14.42 25.90 21.95 53.70 750.000 20.000 23.51 20.73 414.50 14.42 24.90 24.00 750.000 20.000 23.75 23.73 414.50 73.40 13.70 24.00 80.000 20.000 29.71 24.20 54.80 56.80 56.50 57.00 57.00 57.00 80.000 20.000 29.71 24.90 13.70 24.00 26.20 57.00 24.0	. 1		5.20		136.50		23.60	21:10	422.00					
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+ 780,000 20.000 29.35 20.73 414.50 41.45 91.5 183.00 + 800,000 20.000 26.33 28.09 561.80 56.18 3.400 1.70 34.00 + 870,000 20.000 29.75 28.29 565.80 56.58 3.40 1.70 34.00 + 870,000 20.000 30.70 30.30 605.00 60.45 60.45 0.00 0.00 0.00 + 860,000 20.000 35.90 36.45 37.35 60.45 0.00 0.00 0.00 + 860,000 20.000 35.90 36.45 713.50 713.55 0.00 0.00 0.00 + 900,000 37.15 35.50 73.55 73.55 0.00 0.00 0.00 + 940,000 37.55 73.55 73.55 0.00 0.00 0.00 0.00 + 960,000 37.55 73.55 0.00	•		12.10		180.00		18.30	21.95	439.00					
+ 800.000 20.000 26.83 26.90 56.80 56.80 56.80 1.70 34.00 + 820.000 20.000 39.75 28.29 56.80 56.58 56.58 34.00 34.00 + 840.000 20.000 39.75 32.29 56.58 66.45 0.00 0.00 0.00 + 840.000 20.000 39.15 30.23 66.50 66.50 0.00 0.00 0.00 + 860.000 20.000 35.45 32.56 713.55 0.00 0.00 0.00 + 900.000 37.15 73.55 73.55 73.55 0.00 0.00 0.00 + 940.000 36.40 36.53 73.55 73.55 0.00 0.00 0.00 + 940.000 36.40 36.53 73.55 73.55 0.00 0.00 0.00 + 940.000 36.40 73.55 73.56 73.55 0.00	+		29.35		414.50			9.15	183.00					
* 820,00020,00029,7528,29565.80565.80565.80565.361.7034.00* 840,00020,00030,7030,7030,23604.50604.570.000.000.00* 860,00020,00035,4532.68655.35655.35655.35655.350.000.000.00* 880,00020,00035,4035.68713.50713.50713.50713.500.000.000.00* 900,00020,00037.1536.4035.35733.55733.55733.550.000.000.000.00* 940,00020,00037.1536.4073.55733.55733.55733.55733.550.000.000.000.00* 940,00020,00037.3536.40735.1073.35733.55733.55733.55733.55733.55733.55733.55733.55733.55733.55733.55733.750.000.000.000.00* 10,00020,00037.7537.55753.0073.55753.0073.51753.000.000.000.00* 100,00020,00037.7537.55753.0077.9077.900.0000.000.00* 100,00020,00037.3538.95779.0077.900.0000.0000.00* 100,00020,00037.3538.95779.0077.900.0000.0000.000* 100,00020,00037.3538.91.50 <td>•</td> <td></td> <td>26.83</td> <td></td> <td>561.80</td> <td></td> <td>3.40</td> <td>1.70</td> <td>34.00</td> <td></td> <td></td> <td></td> <td></td> <td></td>	•		26.83		561.80		3.40	1.70	34.00					
+ 840.000 20.000 30.70 30.23 604.50 60.45 0.00 0.00 0.00 $+$ 860.000 20.000 29.90 30.30 606.60 60.60 60.60 0.00 0.00 $+$ 880.000 20.000 35.45 32.68 653.50 65.35 0.00 0.00 0.00 $+$ 920.000 35.90 35.68 713.50 71.35 71.35 0.00 0.00 0.00 $+$ 920.000 20.000 37.15 733.50 73.55 73.35 0.000 0.00 0.00 $+$ 920.000 37.15 36.40 735.50 73.55 73.35 0.000 0.00 0.00 $+$ 920.000 37.51 73.55 73.55 73.55 73.56 73.65 0.000 0.000 $+$ 920.000 37.35 73.50 73.55 73.50 73.55 73.50 73.56 0.000 0.000 $+$ 920.000 37.35 37.55 773.60 77.30 77.30 0.000 0.000 $+$ 40.000 20.000 37.35 783.00 77.30 77.30 0.000 0.000 0.000 $+$ 40.000 20.000 37.35 783.00 77.90 77.90 0.000 0.000 $+$ 40.000 20.000 40.35 39.15 779.00 77.90 0.000 0.000 $+$ 100.000 20.000 39.40 <td>4</td> <td></td> <td>29.75</td> <td></td> <td>565.80</td> <td></td> <td></td> <td>1.70</td> <td>34.00</td> <td></td> <td></td> <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td>	4		29.75		565.80			1.70	34.00				· · · · · · · · · · · · · · · · · · ·	
+ 860.000 20.000 29.90 30.30 60.600 60.60 60.60 0.00 0.00 0.00 + 880.000 20.000 35.45 32.68 653.50 65.35 0.000 0.00 0.00 + 970.000 20.000 35.90 35.68 713.50 71.35 0.00 0.00 0.00 + 920.000 20.000 35.40 35.58 713.50 73.55 0.00 0.00 0.00 + 940.000 20.000 36.40 35.78 713.50 73.55 0.30 0.00 0.00 + 940.000 20.000 31.35 36.53 735.50 73.55 0.00 0.00 0.00 + 960.000 20.000 37.35 35.55 751.00 73.75 0.00 0.00 0.00 + 20.000 37.35 38.95 779.00 78.30 0.00 0.00 0.00 + 20.000 37.35	+		30.70		604.50			00.0	0.00	0.00				
+880.000 20.000 35.45 32.68 653.50 65.35 0.00 0.00 0.00 + 900.000 20.000 35.90 35.68 713.50 71.35 0.00 0.00 0.00 + 940.000 20.000 36.40 35.56 73.55 73.55 73.55 73.05 0.00 0.00 + 940.000 20.000 36.40 36.40 35.56 73.55 73.55 73.55 0.00 0.00 + 940.000 20.000 36.40 36.40 735.50 73.55 73.55 0.00 0.00 + 980.000 20.000 37.75 37.56 73.55 73.55 73.56 0.00 0.00 + 980.000 20.000 37.75 37.56 73.75 73.75 0.000 0.00 + 20.000 37.75 37.56 73.75 73.75 0.000 0.00 + 40.000 20.000 40.55 39.15 78.30 78.30 78.30 0.00 + 40.000 20.000 41.55 38.95 779.00 77.90 0.00 0.00 + 40.000 20.000 40.56 801.50 80.15 0.000 0.00 + 100.000 20.000 41.55 831.00 80.16 0.000 0.00 + 100.000 20.000 40.20 80.40 80.40 0.000 0.00 + 100.000 20.000 </td <td>+</td> <td></td> <td>29.90</td> <td></td> <td>606.00</td> <td></td> <td></td> <td>00.0</td> <td>00.00</td> <td></td> <td></td> <td></td> <td></td> <td></td>	+		29.90		606.00			00.0	00.00					
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+ $920,000$ $20,000$ 37.15 36.53 730.50 73.55 73.55 73.55 73.55 73.55 0.00 0.00 + $940,000$ $20,000$ 36.40 36.78 735.50 73.55 73.55 73.55 0.00 0.00 + $980,000$ $20,000$ 37.35 36.40 $728,00$ 72.80 73.55 0.00 0.00 + $980,000$ $20,000$ 37.75 37.55 $751,00$ 75.10 0.00 0.00 + $20,000$ 37.75 37.55 775.00 78.30 78.30 0.000 0.00 + $20,000$ 37.75 38.95 779.00 77.90 0.000 0.00 + $40,000$ 20.000 40.55 38.95 779.00 77.90 0.000 0.00 + 80.000 20.000 40.30 41.55 831.00 80.15 0.000 0.00 + 100.000 20.000 40.30 41.55 831.00 80.40 0.000 0.00 + 100.000 20.000 40.30 41.55 831.00 80.40 0.000 0.000 + 100.000 20.000 38.40 39.25 78.00 78.50 78.50 0.000 0.000 + 120.000 20.000 38.40 39.25 78.50 78.50 78.50 0.000 0.000 + 100.000 38.40 39.25 78.50 78.50 78.50 0	+				713.50			00.0	0.00	0.00				
+ $940,000$ $20,000$ $36,40$ $36,78$ $735,50$ 73.55 73.55 0.00 0.00 + $960,000$ $20,000$ $36,40$ $36,40$ $36,40$ $75,800$ $72,80$ $70,00$ 0.00 + $980,000$ $20,000$ $37,75$ $37,55$ $751,00$ 73.75 0.00 0.00 + 0.000 $37,75$ $37,55$ $751,00$ $75,10$ $75,10$ 0.000 0.00 + $20,000$ $20,000$ $40,55$ $39,15$ $783,00$ $78,30$ $78,30$ 0.000 0.00 + $40,000$ $20,000$ $37,35$ $38,95$ $779,00$ $77,90$ 0.000 0.00 + $40,000$ $20,000$ $40,55$ $39,15$ $78,30$ $78,30$ $78,30$ 0.000 0.00 + $80,000$ $20,000$ $40,56$ $831,00$ $80,15$ 0.000 0.000 0.00 + $80,000$ $20,000$ $40,20$ $831,00$ $80,40$ $80,40$ 9.000 0.000 + $100,000$ $20,000$ $40,10$ $40,20$ $80,40$ $80,40$ $80,40$ 9.000 0.000 + $120,000$ $20,000$ $38,40$ $39,25$ $78,50$ $78,50$ $78,50$ 9.00 0.000 0.000 + $120,000$ $20,000$ $38,40$ $39,25$ $78,50$ $78,50$ $78,50$ 9.00 0.000 0.000 + $120,000$ $20,000$ $38,40$ $39,25$ $78,50$ $78,$	+				730.50			0.00	0.00					
+ 960.000 20.000 36.40 728.00 728.00 72.80 72.80 0.00 0.00 + 980.000 20.000 37.35 36.88 737.50 73.75 0.00 0.00 + 0.000 37.35 37.55 751.00 73.75 0.000 0.00 + 20.000 37.35 37.55 751.00 77.30 78.30 0.00 0.00 + 40.000 20.000 40.55 39.15 783.00 78.30 0.00 0.00 + 40.000 20.000 40.55 38.95 779.00 77.90 0.000 0.00 + 80.000 40.30 41.55 831.00 80.15 80.15 0.000 0.00 + 100.000 20.000 40.10 40.20 804.00 80.40 0.000 0.00 + 100.000 20.000 40.10 40.20 804.00 80.40 0.000 0.00 + 120.000 20.000 38.40 39.25 78.00 78.50 78.50 0.000 0.000	+				735.50			00.0	00.0	0.00				
+ $980,000$ $20,000$ 37.35 36.88 737.50 73.75 73.75 0.00 0.00 0.00 + 0.000 20.000 37.75 37.55 751.00 75.10 75.10 0.00 0.00 + 20.000 20.000 37.35 39.15 783.00 78.30 78.30 0.00 0.00 + 40.000 20.000 37.35 38.95 779.00 77.90 77.90 0.00 0.00 + 40.000 20.000 40.56 801.50 80.15 80.15 0.00 0.00 0.00 + 80.000 20.000 40.30 41.55 831.00 80.40 0.00 0.00 0.00 + 100.000 20.000 40.30 41.55 831.00 80.40 0.00 0.00 0.00 + 100.000 20.000 38.40 39.25 78.00 78.50 78.50 0.00 0.00	+				728.00			00,0	00.0					
+ 0.000 20.000 37.15 751.00 75.10 0.00	+		:		737.50			0.00	0.00	0.00				
+ 20.000 20.000 40.55 39.15 783.00 78.30 78.30 0.00 0.00 0.00 0.00 0.00 100	+							00'0	0.00	0.00				
+ 40.000 20.000 37.35 38.95 779.00 77.90 77.90 0.00 0.00 0.00 0.00 + 60.000 20.000 42.80 40.08 801.50 80.15 0.00 0.00 0.00 0.00 + 80.000 20.000 40.30 41.55 831.00 83.10 0.00 0.00 0.00 + 100.000 20.000 40.10 40.20 804.00 80.40 0.00 0.00 0.00 + 102.000 38.40 39.25 78.50 78.50 78.50 0.00 0.00 0.00	÷							0.00	0.00	0.00				
+ 60.000 20.000 42.80 40.08 801.50 80.15 0.000 0.000 0.000 0.00 0.00 + 80.000 20.000 40.30 41.55 831.00 83.10 0.00 0.00 0.00 + 100.000 20.000 40.10 40.20 804.00 80.40 90.00 0.00 0.00 + 120.000 38.40 39.25 785.00 78.50 0.00 0.00 0.00	 +							00.00	00.00	0.00				
+ 80.000 20.000 40.30 41.55 831.00 83.10 0.00 0.00 0.00 + 100.000 20.000 40.10 40.20 804.00 80.40 0.00 0.00 + 120.000 28.40 39.25 78.50 78.50 0.00 0.00 0.00	+							0:00	00.0	0.0				
+ 100.000 20.000 40.10 40.20 804.00 80.40 0.00 0.00 0.00 + 120.000 20.000 38.40 39.25 785.00 78.50 0.00 0.00 0.00	+							0.00	0.00	00.0				
+ 120.000 20.000 38.40 39.25 785.00 78.50 0.00 0.00	+							0.00	00:0	0.00				
	+							0.00	0.00	0.00				
39.40 38.90 778.00 77.80 0.00 0.00	+	20.000	39.40	38.90	778.00	77.80		00.00	0.00	00.00				

MAIN AUAU													
					8	EMOVAL (REMOVAL OF TOPSOIL						
			IN CUT AREA			1	IN FILL AREA			SIDE-B	SIDE-BORROW SECTION (IN CUT	TON (IN CUT A	AREA)
STATION	DISTANCE	WIDTH	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME	HLIDIM	AVERAGE	AREA	VOLUME
					t=10cm				t=10cm				t=10cm
		(m)	(m)	(m2)	(m3)	(m)	(m)	(m2)	(m3)	(£	(m)	(m2)	(m3)
8 + 160.000	6.495	28.60	30,10	195.50	19.55	3.00	1.50	9.74	0.97				
1 . ·	20.000	29.20	1919	578.00	57.80	8.50	5.75	115.00	11.50				
8 + 200,000	20.000	12.50	20.85	417.00	41.70	27.40	17.95	359.00	35.90				
8 + 220.000	20.000	10.00	11.25	225.00	22.50	26.80	27.10	542.00	54.20				
8 + 240.000		7.80	8.90	178.00	17.80	23.50	25.15	503.00	50.30				
8 + 260.000		5.75		135.50	13.55	32.90	28.20	564.00	56.40				
8 + 280.000		4.80	5.28	105.50	10.55	37.30	35.10	702.00	70.20				
8 + 300.000		3.80	4.30	86.00	8.60	36.10	36.70	734.00	73.40				
8 + 303.505	3.505	4.25	4.03	14.11	1.41	35.40	35.75	125.30	12.53				
8 + 320.000	16.495	4.10	4.18	68.87	6.89	34.10	34.75	573.20	57.32				
8 + 340.000	20.000	3.70	3.90	78.00	7.80	32.20	33.15	663.00	66.30				
8 + 358.544	18.544	10.65	7.18	133.05	13.31	25.10	28.65	531.29	53.13				
8 + 360.000	1.456	10.95	10.80	15.72	1.57	25.30	25.20	36.69	3.67				
8 + 380.000	20.000	19.70	15.33	306.50	30.65	17.10	21.20	424.00	42.40				
8 + 400.000	20.000	29.00	24.35	487.00	48.70	6.30	11.70	234.00	23.40				
8 + 420.000	20.000	38.40	33.70	674:00	67.40		3.15	63.00	6.30	:			
8 + 440.000	20.000	34.00	36.20	724.00	72.40		0.00	0.00	0.0				
8 + 460.000	20.000	27.60	30.80	616.00	61.60	10.80	5.40	108.00	10.80				
8 + 480.000	20.000	20.15	23.88	477.50	47.75	27.30	19.05	381.00	38.10				
8 + 500.000	20.000	16.70	18.43	368.50	36.85	18.20	22.75	455.00	45.50				
8 + 520.000	20.000	15.10	15.90	318.00	31.80	15.20	16.70	334.00	33.40				
8 + 540.000	20.000	29.90	22.50	450.00	45.00		7.60	152.00	15.20				
8 + 560.000	20.000		32.10	642.00	64.20		0.00	0.0	0.00				
8 + 580.000	20.000	37.80	-	721.00	72.10		0.00	0.00	0.00				
8 + 600.000	20.000	41.80	39.80	796.00	79.60		00.0	000	0.00				
8 + 608.544		40.50	41.15	351.59	35.16		00.00	0.00	0.0				
8 + 620.000	11.456	41.60	41.05	470.27	47.03		0.00	0.00	00.0	-			
8 + 640.000	20.000	42.80	42.20	844.00	84.40		00.0	0.00	0.00				
8 + 660.000		43.40	43.10	862.00	86.20		00.00	00.0	000				

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		(REA)	VOLUME	t=10cm	(£m3																							.							
		ON (IN CUT /	AREA	:	(ni2)																														
		SIDE-BORROW SECTION (IN CUT AREA)	AVERAGE		(m)									2							· ·	:													
		SIDE-BO	WIDTH		(u)																	:													
			VOLUME	t=10cm	(m3)	0.00	0.00	0.00	0.00	0.00	0.0	000	0.00	00.6	30.49	13.09	56.00	72.40	86.80	40.40	0.00	0.00	0.00	30.10	30.10	00.00	0.00	0.00	0.0	0.00	0.00	0.00	7.40	20.00	29.60
			AREA		(m2)	0.00	0.00	00.0	0.00	0.00	0.00	00.0	0.00	90.00	304.94	130.86	560.00	724.00	868.00	404.00	0.00	0.00	0.00	301.00	301.00	0.00	0.00	0.00	0:00	00.0	0.00	0.00	74.00	200.00	296.00
	TOPSOIL	IN FILL AREA	AVERAGE		(m)	00.0	0.00	0.00	0.00	0.00	00.0	000	0.00	4.50	19.50	30.00	28.00	36.20	43.40	20.20	0.00	0.00	0.00	15.05	15.05	0:00	0.00	0.00	000	0.00	0.00	0.00	3.70	10.00	14.80
	REMOVAL OF TOPSOIL	NI	WIDTH	-	(m)									00.6	30.00	30.00	26.00	46.40	40.40				-	30.10									7.40	12.60	17.00
			VOLUME	t=10cm	(m3):	93.50	89.70	06'18	74.30	68.30	71.40	73.80	69.90	33.80	0.00	0.00	0.00	3.50	7.40	3.90	0.00	0.00	0.00	3.00	47.80	78.60	71.30	90.30	29.94	74.11	92.30	78.80	67.70	58.20	49.70
			AREA		(m2)	935.00	00,708	00.018	743.00	683.00	714.00	738.00	00.669	338.00	00.0	0:00	00.00	35.00	74.00	39.00	00.00	0.00	00.00	30.00	478.00	786.00	713.00	903.00	299.38	741.08	923.00	788.00	677.00	582.00	497.00
		IN CUT AREA	AVERAGE		(m)	46.75	44.85	40.95	37.15	34.15	35.70	36.90	34.95	16.90	00.0	00:00	00.0	1.75	3.70	1.95	0.00	00.00	0.00	1.50	23.90	39.30	35.65	45.15	53.10	51.60	46.15	39.40	33.85	29.10	24.85
		NI .	WIDTH A		(m)	47.50	42.20	39.70	34.60	33.70	37.70	36.10	33.80					3.50	3.90					3.00	44.80	33.80	37,50	52.80	53.40	49.80	42.50	36.30	31.40	26.80	22.90
VOLUMES			DISTANCE	<u>.</u>		20,000	20.000	20.000	20:000	20.000	20.000	20.000	20.000	20.000	15.638	4,362	20.000	20.000	20.000	20,000	20.000	20.000	20.000	20.000	20,000	20.000	20.000	20.000	5.638	14.362	20.000	20.000	20.000	20.000	20.000
COMPUTATION OF VOLUMES MAIN ROAD			STATION			8 + 700.000	8 + 720.000	8 + 740.000	8 + 760.000	8 + 780.000	8 + 800.000	8 + 820.000	8 + 840.000	8 + 860.000	8 + 875.638	8 + 880.000	+	8 + 920.000	8 + 940.000	8 + 960.000	8 + 980.000	9 + 0.000	9 + 20.000	9 + 40.000	9 + 60.000	9 + 80.000	9 + 100.000	9 + 120.000	9 + 125.638	9 + 140.000	9 + 160.000	9 + 180.000	9 + 200.000		
			S					×				~					. 19																		

MAIN ROAD	r vurumes	an Altan an Altan an Altan an											
						REMOVAL	MOVAL OF TOPSOIL						
· · · ·			IN CUT AREA				IN FILL AREA			SIDE-E	SIDE-BORROW SECTION (IN CUT AREA)	ION (IN CUT A	REA)
STATION	DISTANCE	WIDTH	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME
					t=10cm				l=10cm				[=](cm
		(E)	(m)	(m2)	(Em3)	(m)	(m)	(m2)	(m3)	(m)	(m)	(m2)	(m3)
9 + 260,000	20.000	16.60	52.61	395.00	39.50	22.40	01.01	394.00	39.40				
9 + 275.638	15.638	14.20	15.40		24.08	21.70	22.05	344.82	34.48				
9 + 280,000	4362	13.40	13.80			21.90	21.80	95.09	9.51				
9 + 300.000	20.000	12.50	12.95	259.00	25.90	23.80	22.85	457.00	45.70				
9 + 320.000						25.30	24.55	491.00	49.10				
9 + 340.000		14.25	13.90		27.80	23.80	24.55	491.00	49.10				
9 + 360.000		13.85	14.05	281.00	28.10	24.00	23.90	478.00	47.80				
9 + 380.000	-	10.50				28.70	26.35	527.00	52.70				
9 + 400.000		3.30			13.80	37.30	33.00	660.00	66.00			::	
9 + 420.000		2.90	3.10	62.00	6.20	37.90	37.60	752.00	75.20				
9 + 440.000	20.000	5.20	4.05	81.00	8.10	38.90	38.40	768.00	76.80			: .	
9 + 460.000		4.60		00.86	08.6	39.70	39.30	786.00	78.60				
9 + 480.000		4.20	4,40	88.00	8.80	37.40	38.55	771.00	77.10				
9 + 500.000	20.000	4.10	4.15	83.00	8.30	37.80	37.60	752.00	75.20				
9 + 520.000		3.50	3.80	76.00	7.60	38.30	38.05	761.00	76.10				
9 + 540.000	20.000	4.00	3.75	75.00	7.50	37.90	38.10	762.00	76.20				
9 + 560.000	20.000	4.10	4.05	81.00	8.10	37.30	37.60	752.00	75.20				
9 + 580.000	20.000	4.10	4.10	82.00	8.20	35.60	36.45	729.00	72.90				
9 + 600.000		4.90	4.50	90.00	90.6	34.00	34.80	696.00	69.60				
9 + 620.000		4.00	4.45	89.00	8.90	33.50	33.75	675.00	67.50				
9 + 640.000	20.000	4.00	4 00	80.00	8.00	32.50	33.00	660.00	66.00				
9 + 660.000	20.000	4.70	4.35	87.00	8.70	30.00	31.25	625.00	62.50				
9 + 680.000		6.40		111.00	11.10	28.20	29.10	582.00	58.20				
9 + 700.000	20.000	7.25	6.83	136.50	13.65	26.70	27.45	549.00	54.90				
9 + 720.000		8.50	7.88	157.50	15.75	25.60	26.15	523.00	52.30				
ł .		01.0	8.80	176.00	17.60	24.50	25.05	501.00	50.10				
9 + 760.000		06.6	05.0	190.00	19.00	23.10	23.80	476.00	47.60				
9 + 780,000	20.000	13.20	11.55	231.00	23.10	21.10	22.10	442.00	44.20		 		
		20.60	16 00		V VO	00 00	20.05	76 60	7 25		· .		
								Inc.c/	()				

						REMOVAL	OF TOPSOIL						
			IN CUT AREA				IN FILL AREA			SIDE B	SIDE-BORROW SECTION (IN CUT		AREA)
STATION	DISTANCE	WIDTH	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME
					t=10cm				t=10cm				t=10cm
		(m)	(m)	(m2)	(£m3)	(m)	(m)	(m2)	(m3)	(u)	(m)	(т2)	(m3)
9 + 820.000	20.000	33.70	30.25	605.00	60.50	3.50	8.10	162.00	16.20	8.00	8.50	120.001	17.00
9 + 840.000	20.000	36.80	35.25	00'502	70.50		1.75	35.00	3.50	7.00	7.50	150.00	15.00
9 + 860.000	20.000	38.90	37.85	757.00	75.70		00.0	00.0	00.0	16.00	05.11	230.00	23.00
000.088 + 6	20.000	40.60	39.75	795.00	79.50		0.00	0.00	0.00	18.00	17.00	340.00	34.00
000.006 + 6	20.000	41.30	40.95	819.00	06.18		0.00	0.00	0.00	17.00	17.50	350.00	35.00
9 + 920.000	20.000	43.40	42.35	847.00	84.70		00.0	0.00	0.00	15.00	16.00	320.00	32.00
9 + 940.000	20.000	46.10		895.00	89.50		0.00	00.00	0.00	12.00	13.50	270.00	27.00
000 096 + 6	20.000	43.00	44.55	00.168	89.10		0.00	00.0	00.0	10.00	11,00	220.00	22.00
9 + 980.000	20.000	48.80	45.90	918.00	08.16		0.00	0.00	0.00	9.50	9.75	195.00	19.50
10 + 0.000	20.000	48.30	48.55	00 126	01.70		0.00	000	0.00	9.50	9,50	00.061	00.61
10 + 20.000	20.000	47,40	47.85	957.00	95.70		0.00	00.0	0.00	10.00	9.75	195.00	19.50
10 + 40.000	20.000	46.20	46.80	936.00	93.60		0.00	0.00	0.00	11.50	10.75	215.00	21.50
10 + 60.000	20.000	44.80	45.50	910.00	00.19		0.00	0.00	0.00	13.00	12.25	245.00	24.50
10 + 80.000	20.000	43.20	44.00	880.00	88.00		00.0	00.0	0.00		13.75	275.00	27.50
10 + 83.604	3.604	42.60	42.90	154.61	15.46		0.00	0.00	0.00	15.00	14.75	53.16	5.32
10 + 100.000	16.396	41.60	42.10	690.27	69.03		0.00	00.00	00.0	16.50	15.75	258.24	25.82
10 + 120.000	20.000	40.40	41.00	820.00	82.00		0.00	0.00	0.00	17.50	17.00	340.00	34.00
10 + 140.000	20.000	39.30		797.00	02.67		0.00	00.0	00.0	18.50	18.00	360.00	36.00
10 + 160.000	20.000	38.20	38.75	775.00	77.50		0:00	0.00	0.00	19.50	19.00	380.00	38.00
10 + 180.000	20.000	38.00	38.10	762.00	76.20		0.00	0.00	0.00	20.50	20.00	400.00	40.00
10 + 200.000	20.000	36.20	37.10	742.00	74.20		0.00	0.00	0.00	20.50	20.50	410.00	41.00
10 + 220.000	20.000	35.60	35.90	218.00	71.80		0.00	0.00	00.0	22.50	21.50	430.00	43.00
10 + 240.000	20.000	35.00		206.00			0.00	0.00	0.00	22.50	22.50	450.00	45.00
+	20.000	34.50	34.75	695.00	69.50		0.00	0.00	0.00	23.00	22.75	455.00	45.50
10 + 280.000	20.000	34.50	34.50	690.069	69.00		0.00	0.00	0.00				
10 + 300.000	20.000	34.50	34.50	690.00	69.00		0.00	00.0	00.0				
+	20.000	34.80	34.65	693.00	69.30		0.00	00.0	0.00				
10 + 340.000	20.000	35.30	35.05	00'102	70.10		0.00	0.00	0.00				
10 + 360.000	000 00						0000			-			
	2010/01/02	01.05	Inree la	714.001	04.11		0.43	0.00	0.00				

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	1		REM	IOVAL O	REMOVAL OF TOPSOIL						
IN CUT AREA	1 1 1			Z	IN FILL AREA			SIDE-B	SIDE-BORROW SECTION (IN CUT AREA)	ON (IN CUT A	REA)
	_ ~ _	AREA	VOLUME WI	WIDTH	AVERAGE	AREA	VOLUME	HIDIM	AVERAGE	AREA	VOLUME
· · · · · · · · · · · · · · · · · · ·		م من د. :	[=]0cm				t=10cm		· · · · ·		t=10cm
(m) (m)	5	(m2)	(m3) ((m)	(m)	(m2)	(EII)	(m)	(iii)	(m2)	(m3)
36.60	.	732.00	73.20		0:00	000	0.00				
37.20		291,00	59.10		0.00	00'0	0.00				
37.70		155.06	15.51		0.00	000	0.00			-	
38.15	5.1	763.00	76.30		00'0	0:00	0.00				
38.55		771.00	77.10		000	0.00	00.00				
38.60		772.00	77.20		0.00	0.00	0.00				
38.45		769.00	76.90		0.00	0.00	0000				
38.00		760.00	76.00		0.00	0.00	0.00				
37.00	•	740.00	74.00		0.00	0.00	0.00				
35.65		713.00	71.30		0.00	0.00	00.0				
34.85		205.16	20.52		0.00	0.00	00.0				
34.45		486.19	48.62		0.00	00.0	0.00				
34.90		00.869	69.80		000	0.00	0.00				
34.55	[691.00	69.10		0.00	0.00					
33.65	· · ,	673.00	67.30		0.00	0.00					
34.05		681.00	68.10		0.0	0.00					
34.60		692.00	69.20		0.00	000					
35.55	1	711.00	71.10		000	00.0					
36.80	·	584.64	58.46		0.00	0.00					
37.60	1	154.65	15.46		000	0.00					
38.70		774.00	77.40		00'0	0.00					
40.60	1	812.00	81.20		0.00	0.00					
42.45	1	849.00	84.90		0.00	0.00					
44.40		888.00	88.80		0.00	0.00	0.00				
45.95	. 1	919.00	06.16		0.00	0.00	0.00				
47.85		957.00	95.70		0.00	0.00	0.00	ŀ			
48.75	. 1	975.00	97.50		000	0.00	0.00				
46.85		937.00	93.70	<u>-</u>	000	0.00	000				
44.35			88 70		000		000				
		887.00	00.14		~~~~	2020					

						: 				<u> </u>					· : 	—-1					··	1-		T-			ſ			~ſ	1			·	ŋ
		AREA)	VOLUME	t=10cm	(m3)													~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~																	
		ION (IN CUT /	AREA		(m2)																														
		SIDE-BORROW SECTION (IN CUT AREA)	AVERAGE		(m)																														
		SIDE-B	WIDTH		(m)																														
			VOLUME	t≢10cm	(m3)	00.0	0.00	0.00	0.00	0.00	0.00	00.0	0:00	00.0	00.0	00.00	0.00	0.00	0.00	00.0	0.00	14.50	30.50	39.50	7.26	19.41	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	0.00
			AREA		(m2)	000	0.00	0.00	0.00	00.0	0.00	0.00	0.00	0.00	000	0.00	0.00	0.00	0.00	0.00	0.00	145.00	305.00	395.00	72.56	194,11	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	000
	TOPSOIL.	IN FILL AREA	AVERAGE	<u></u>	(m)	000	0:00	000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.0	7.25	15.25	19.75	23.25	11.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	000
	REMOVAL OF TOPSOIL	NI	WIDTH /		(W)																	14.50	16.00	23.50	23.00			 							
			VOLUME	t=10cm	(m3)	06.62	74.90	11.22	58.74	50.70	20.50	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	9009	10.90	2.61	39.58	77.00	74.80	70.40	69.90	06.17	71.50	73.70	10.70	6023
			AREA		(m2)	00.064	749.00	112.20	587.39	507.00	205.00	35.00	0.00	0.00	0.00	0:00	0.00	0.00	0.00	0.00	0.00	35.00	60.00	109.00	26.06	395.81	770.00	748.00	704.00	00.669	719.00	715.00	737.00	106.98	602.25
		IN CUT AREA	AVERAGE		(m)	30.95	37.45	35.95	34.80	25.35	10.25	1.75	00.00	0.00	00.0	0:00	000	0:00	0.00	0:00	0.00	1.75	3.00	5.45	8.35	23.45	38.50	37.40	35.20	34.95	35.95	35.75	36.85	36.40	35.30
		NI	WIDTH A		(m)	38.90	36.00	35.90	33.70	17.00	3.50											3.50	2.50	8.40	8.30	38.60	38.40	36.40	34.00	35.90	36.00	35.50	38.20	34.60	36.00
NOLUMES			DISTANCE			20.000	20.000	3.121	16.879	20.000	20.000	20:000	20.000	20.000	20.000	13.121	6.879	20.000	20.000	20.000	20.000	20:000	20.000	20.000	3.121	16.879	20.000	20.000	20.000	20.000	20.000	20.000	20.000	2.939	11.061
COMPUTATION OF VOLUMES MAIN ROAD			STATION		-	+	+ 960.000	10 + 963.121	+ 980.000	0000 +	+ 20.000	+ 40.000	+ 60.000	+ 80.000	+ 100:000	+ 113.121	+ 120.000	+	+ 160.000	+ 180.000	+ 200.000	+ 220.000	+ 240.000	+ 260.000	+ 263.121	+ 280.000	+ 300.000	+ 320.000	+ 340.000	+	+ 380.000	+	+	+	+ 440.000
			LI ST			2	10	10	10	11	E,	11		11	11	1.2	. 23	5		u	11	=		=	11	11	11	11	11		=	=	Ξ	=]=

	REA)	VOLUME	t=10cm	(ar3)																													
	ON (IN CUT A	AREA		(m2)																													
	SIDE-BORROW SECTION (IN CUT AREA)	AVERAGE		(m)																													
	SIDE-BI	WIDTH		(m)										:																			
		VOLUME	t=10cm	(m3)	000	0.00	00.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	00.0	0.00	00.00	0.00	0.00	0.00	00.0	0.00	00.0	0.00	0.00	0.00	0.00	0.00	0.00	00.00	00.0	0.00	0.00
		AREA		(m2)	000	00.0	00.00	0.00	00.0	0.00	00.0	0.00	00'0	0.00	00.0	0.00	00.0	0.00	00.0	0.00	0.00	0.00	00:0	0.00	0.00	0.00	0.00	0.00	00.0	0.00	00.0	0.00	0.00
REMOVAL OF TOPSOIL	IN FILE AREA	AVERAGE	· · · · · · · · · · · · · · · · · · ·	(m)	0.00	0:00	0.00	0.00	0.00	0.00	00.0	0:00	0.00	0.00	0.00	0.00	0.00	0.00	000	0.00	0.00	0.00	0.00	0.00	000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
O IN VOND	Z	WIDTH		(m)													на 11 м. 1	1						•									
2		VOLUME	t=10cm	(m3)	56.00	53.00	51.50	28.50	19.50	18.50	13.26	8.65	28.50	34.50	48.50	64.90	69.90	69.80	71.10	71.60	71.20	69.50	34.10	00.0	0.00	0.00	0:00	00.0	0.00	0.00	0.00	0.00	00.0
		AREA	 	(m2)	260.00	530.00	515.00	285.00	195.00	185.00	132.62	86.50	285.00	345.00	485.00	649.00	00'669	698.00	201100	716.00	712.00	695.00	341.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	IN CUT AREA	AVERAGE		(m)	28:00	26.50	25.75	14.25	9.75	9.25	10.25	12.25	14.25	17.25	24.25	32.45	34.95	34.90	35.55	35.80	35.60	34.75	17.05	0.00	0.00	0.00	0.00	0.00	00'0	0.00	0.00	0.00	0.00
	N	WIDTH A		(m)	20,00	33.00	18.50	10.00	9.50	00.6	11.50	13.00	15.50	19.00	29.50	35.40	34.50	35.30	35.80	35.80	35.40	34.10			-								
		DISTANCE			20.000	20.000	20:000	20.000	20.000	20.000	12.939	7.061	20.000	20.000	20.000	20:000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
		STATION			+ 460,000	11 + 480.000	+ 500.000	11 + 520.000	+ \$40.000	+ 560.000	+ 572.939	11 + 580.000	+ 600.000	+ 620.000	+ 640.000	+ 660.000	+ 680.000	+ 700.000	+ 720.000	+ 740.000	11 + 760.000	+ 780.000	11 + 800.000	11 + 820.000	+ 840.000	11. + 860.000	11 + 880.000	11 + 900.000	11 + 920.000	11 + 940.000	11 + 960.000	11 + 980.000	12 + 0.000

		AREA)	VOLUME	t=10cm	(£m3)						-	5 - - -																						-
		ON (IN CUT AI	AREA		(m2)							- -																						
		SIDE-BORROW SECTION (IN CUT	AVERAGE	· · · ·	(m)										1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																			
		SIDE-B(HIDIM		(m)																								·					
			VOLUME	t=10cm	(m3)	0,00	00.0	0.00	00.0	0:00	00.00	00.00	00'0	0,00	0.00	0.00	00.00	0.00	0.00	00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.30	27.20	15.90	10.10	23.36	9.47	24.30
			AREA		(m2)	000	0.00	0.00	0.00	0000	00:00	0:00	0:00	00.00	00.00	000	00:00	00:0	00.00	0.00	00.0	0.00	0.00	00.00	00.00	0.00	0.00	113.00	272.00	159.00	101.00	233.60	94.68	743 M
	TOPSOIL	IN FILL AREA	AVERAGE		(m)	0.00	00.0	0.00	0.00	000	0.00	0:00	0.00	0.00	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	000	0.00	0.00	0.00	0.00	5.65	13.60	7.95	5:05	15.35	19.80	12.15
	EMOVAL OF TOPSOIL	NI			(m)															 	1	- - -						11.30	15.90		10.10	20.60	00.61	5 20
	RE		VOLUME	t=)0cm	(m3)	0.00	0:00	0,00	0.00	0.00	0:00	0.00	0:00	0.00	34.80	69.00	67.50	66.70	65.00	62.40	63,80	64.60	63.70	69.50	71.70	64.60	59.80	48.90	33.50	43.80	49.50	22.14	4.73	00.10
			AREA			00.0	00.0	0.00	0.00	00.0	00.0	00.0	0.00	0.00	348.00	00.069	675.00	667.00	650.00	624.00	638.00	646.00	637.00	695:00	717.00	646.00	598.00	489.00	335.00	438.00	495.00	221.42	47.34	212 00
		IN CUT AREA	AVERAGE		(m) /	000	0000	0000	0000	0000	00.0	0.00	00.0	0.00	17.40	34.50	33.75	33.35	32.50	31.20	31.90	32.30	31.85	34.75	35.85	32.30	29.90	24.45	16.75	21.90	24.75	14.55	06.6	10.60
		NI	WIDTH /		(m)										34.80	34.20	33.30	33.40	31.60	30.80	33.00	31.60	32.10	37.40	34.30	30.30	29.50	19,40	14.10	29.70	19.80	9.30	10.50	0200
NOLUMES			DISTANCE			20.000	20:000	20.000	20,000	20.000	20.000	20.000	20.000	20:000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	15.218	4.782	000 00
COMPUTATION OF VOLUMES MAIN ROAD			STATION			12 + 40.000	12 + 60.000	12 + 80.000	12 + 100.000	12 + 120.000	12 + 140.000	12 + 160.000	12 + 180.000	12 + 200.000	12 + 220.000	12 + 240.000	12 + 260.000	12 + 280.000	12 + 300.000	12 + 320.000	12 + 340.000	12 + 360.000	12 + 380.000	12 + 400.000	12 + 420.000	12 + 440.000	12 + 460.000	12 + 480.000	12 + 500.000	12 + 520.000	12 + 540.000	12 + 555.218	12 + 560.000	1000.003

Image: problem in the state in t		COMPUTATI MAIN ROAD	LATION OF	COMPUTATION OF VOLUMES MAIN ROAD													
Interface Interface Nerture Nerture Nerture Store Nerture Nerure									REMOVAL (OF TOPSOIL							
STATION DISTANCE WIDTH AVEAAGE AREA VOLUME WIDTH AVEAAGE MEA NOLLME WIDTH AVEAAGE MEA NOLLME WIDTH AVEAAGE MEA NOLLME WIDTH AVEAAGE MEA NOLLME MID MUD						IN CUT AREA				IN FILL AREA			SIDE-B	IORROW SECT	ION (IN CUT A	(REA)	
	· .	STATH	NO	DISTANCE	WIDTH	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME	
				 - -				t=10cm			-	t=10cm				(=10cm	+. : :
12 + 60.000 20.00 20.80 53.100 53.100 53.00 53.00 50.00		.:			(m)	(m)	(m2)	(m3)	(m)	(m)	(m2)	(m3)	(m)	(u)	(m2)	(m3)	
12 + 60.00 30.00			620.000	20.000	29,50		537.00	53.70		2.60	52.00	5.20					
12 + 66000 20.00 30.04 50.45 69.10 60.00 0.00 0.00 $12 + 700.00$ 21.00 21.40 62.30 62.30 62.30 62.00 60.00 0.00 0.00 $12 + 700.00$ 21.40 22.40 22.40 22.40 22.40 0.00 0.00 0.00 $12 + 720.000$ 14.70 23.40 23.50 48.07 48.09 0.00 0.00 $12 + 720.000$ 20.00 21.40 23.50 23.50 49.00 41.50 0.00 0.00 $12 + 720.000$ 21.40 21.50		. 1	640.000	20.000	30.00		595.00	59.50		0000	00.0	000					
12 + 680.00 20.00 31.40 62.80 62.30 61.00 0.00 0.00 $12 + 705.000$ 22.000 32.20 32.20 32.20 7700 0.00 0.00 $12 + 705.000$ 23.20 32.20 32.20 32.20 64.50 0.00 0.00 $12 + 740.000$ 20.000 34.40 33.25 665.00 64.90 0.00 0.00 $12 + 740.000$ 20.000 14.50 23.25 475.00 40.00 0.00 0.00 $12 + 800.000$ 20.000 14.50 23.55 475.00 41.50 0.00 0.00 $12 + 800.000$ 20.000 24.50 24.50 24.50 24.50 24.50 24.50 0.00 0.00 0.00 $12 + 800.00$ 20.000 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50			660.000	20.000			609.00	60.90		000	0.00	0:00	- - -				
12 + 700.00 20.00 32.30		1	680.000	20.000	1.		628.00	62.80		00.0	0.00	0.00					
12 + 705,272 $5,277$ $3,272$ $3,226$ $3,240$ $3,226$ $4,0,07$ $6,00$ $0,00$ $0,00$ $12 + 76,000$ $2,000$ $1,4726$ $3,340$ $3,232$ $4,6,070$ $1,790$ $0,00$ $0,00$ $12 + 76,000$ $2,000$ $1,450$ $2,335$ $4,790$ $1,790$ $0,00$ $0,00$ $12 + 76,000$ $2,000$ $1,450$ $2,335$ $4,790$ $1,790$ $0,00$ $0,00$ $12 + 76,000$ $2,000$ $2,000$ $2,470$ $3,150$ $3,150$ $3,150$ $0,00$ $0,00$ $12 + 80,000$ $2,000$ $2,400$ $2,400$ $4,600$ $4,600$ $0,00$ $0,00$ $0,00$ $12 + 80,000$ $2,000$ $2,100$ $2,100$ $2,100$ $2,100$ $2,100$ $0,00$ $0,00$ $12 + 80,000$ $2,000$ $2,100$ $2,100$ $2,100$ $2,100$ $2,100$ $0,00$ $0,00$ $12 + 80,000$ $2,000$ $2,100$ $2,100$ $2,100$ $2,100$ $2,100$ $0,00$ $12 + 80,000$ $2,000$ $2,100$ $1,173$ $2,350$ $2,370$ $2,370$ $12 + 80,000$ $2,000$ $2,100$ $2,100$ $2,100$ $2,100$ $2,100$ $2,100$ $12 + 80,000$ $2,000$ $2,100$ $2,100$ $2,100$ $2,100$ $2,100$ $2,100$ $12 + 80,000$ $2,000$ $2,100$ $2,100$ $2,100$ $2,100$ $2,100$ $2,100$ $12 + 80,000$ $2,000$ $2,100$ $2,100$ $2,100$ 2	 - -		700.000	20.000	32.30		642.00	64.20		00.00	0.00	0.00					
12 + 720,00 14.728 33.10 $2.66,50$ 48.087 48.09 0.00 0.00 $12 + 740,000$ 20.000 $3.4.0$ $3.3.55$ $665,00$ 65.9 0.00 0.00 0.00 $12 + 740,000$ 20.000 $1.4.50$ $2.3.55$ $665,00$ 47.90 0.00 0.00 0.00 $12 + 780,000$ 20.000 $1.7.00$ 2.150 2.150 2.150 $2.3.50$ 0.00 0.00 0.00 $12 + 80,000$ 20.000 2.000 2.000 2.00 2.100 2.00 0.00 0.00 0.00 0.00 $12 + 80,000$ 20.000 2.000 2.00 2.00 2.00 2.00 0.00			705.272	5.272	32.20		170.02	17.00		0:00	0.00	0.00					
12 + 740.00 20.000 33.40 33.25 665.00 66.50 66.50 0.00 0.00 $12 + 760.000$ 20000 14.50 2335 4730 1.60 0.00 0.00 $12 + 780.000$ 20000 14.50 23.53 4730 41.50 0.00 0.00 $12 + 80.000$ 20000 24.50 24.50 24.50 24.50 490.00 0.00 0.00 $12 + 80.000$ 20000 21.6 21.6 21.6 21.6 21.50 21.50 21.6 990.0 0.00 $12 + 80.000$ 20000 21.6 <td></td> <td></td> <td>720.000</td> <td>14.728</td> <td>33.10</td> <td>- 1</td> <td>480.87</td> <td>48.09</td> <td></td> <td>00.00</td> <td>00.0</td> <td>0.00</td> <td></td> <td></td> <td></td> <td></td> <td></td>			720.000	14.728	33.10	- 1	480.87	48.09		00.00	00.0	0.00					
12 + 760.00 20.00 14.50 23.95 479.00 47.90 47.90 0.00 0.00 $12 + 780.000$ 20.000 17.00 15.75 315.00 31.50 0.000 0.000 $12 + 800.000$ 20.000 24.50 24.50 24.50 24.50 0.000 0.000 $12 + 800.000$ 20.000 24.50 24.50 24.50 24.50 0.000 0.000 $12 + 800.000$ 20.000 21.50 24.50 24.50 24.45 24.45 389.70 $12 + 800.000$ 20.000 21.00 20.00 20.00 20.00 24.60 46.00 24.45 489.70 $12 + 800.000$ 20.000 20.000 20.000 20.000 24.00 24.00 24.60 24.60 24.60 $12 + 900.000$ 3.702 0.000 0.00 0.00 0.00 24.60 24.60 24.60 24.60 $12 + 900.000$ 20.000 2.000 24.00 24.00 24.00 24.00 24.60 24.60 $12 + 900.000$ 20.000 24.00 47.00 24.00 24.00 24.60 24.60 $12 + 900.000$ 20.000 20.000 24.00 24.00 24.00 24.60 $12 + 900.000$ 20.000 20.000 25.00 24.00 24.60 $12 + 900.000$ 20.000 20.000 25.00 24.00 26.00 $12 + 900.000$ 20.000 20.000 25.00 24.00 26.0			740.000	20.000	33.40		665.00	66.50		0.00	0.00	0.00					
12 + 780.00 20.00 17.10 15.75 315.00 31.50 0.00 0.00 0.00 $12 + 800.000$ 20.000 2450 24.50 20.75 415.00 41.50 0.00 0.00 $12 + 800.000$ 20.000 2450 24.50 24.50 24.50 20.75 415.00 0.00 0.00 $12 + 800.000$ 20.000 21.50 24.50 24.50 25.00 20.00 0.00 0.00 $12 + 800.000$ 20.000 20.000 21.50 24.60 24.60 46.00 45.00 23.50 23.70 11.85 $12 + 800.000$ 20.000 20.000 20.00 20.00 20.00 20.00 20.00 66.00 67.00 $12 + 800.000$ 20.000 20.000 20.00 44.00 9.40 9.40 23.50 24.45 849.00 67.00 $12 + 800.000$ 20.000 20.000 24.00 20.000 20.000 50.00 57.00 57.00 57.00 57.00 $12 + 900.0000$ 20.000 20.000 44.70 94.00 94.00 20.20 27.00 59.00 59.00 $12 + 900.000$ 20.000 20.000 50.000 20.000 20.000 20.000 50.000 57.00 57.00 $12 + 900.000$ 20.000 20.000 20.000 20.000 20.000 20.000 50.00 57.00 57.00 $12 + 900.00020.00020.00020.000$			760.000	20.000	14.50		479.00	47.90		0.00	0.00	0.00					
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12 + 820,000 $20,000$ $24,50$ $24,50$ $49,000$ $46,00$ $0,000$ $0,000$ $12 + 840,000$ $20,000$ $21,50$ $23,00$ $46,00$ $46,00$ $11,55$ $237,00$ $0,000$ $0,000$ $12 + 860,000$ $20,000$ $20,000$ $20,000$ $20,000$ $20,000$ $20,000$ $20,000$ $20,000$ $20,000$ $12 + 896,298$ $16,298$ $16,298$ $10,00$ $11,75$ $23,50$ $24,50$ $24,45$ $489,000$ $12 + 896,200$ $3,702$ $20,000$ $3,40$ $1,70$ $3,40$ $1,620$ $3,00$ $23,50$ $24,50$ $12 + 920,000$ $20,000$ $3,40$ $1,70$ $3,40$ $1,70$ $3,40$ $3,702$ $24,50$ $23,50$ $23,50$ $12 + 940,000$ $20,000$ $3,702$ $4,70$ $3,702$ $24,70$ $3,702$ $24,50$ $24,50$ $24,50$ $24,50$ $12 + 940,000$ $20,000$ $4,70$ $3,702$ $3,92$ $3,92$ $39,50$ $39,50$ $39,50$ $12 + 940,000$ $20,000$ $6,20$ $3,10$ $11,10$ $11,10$ $31,00$ $30,20$ $59,50$ $59,50$ $13 + 40,000$ $20,000$ $6,20$ $3,102$ $3,213$ $6,200$ $20,25$ $24,50$ $24,50$ $13 + 40,000$ $20,000$ $20,000$ $20,000$ $20,000$ $20,000$ $20,000$ $20,000$ $13 + 40,000$ $20,000$ $20,000$ $20,000$ $20,000$ $20,000$ $20,000$ $20,000$ $13 + 140,0$	1.2	. 1	800.000	20.000			415.00	41.50		00.00	0.00	000					
12 + 80.000 20.000 21.50 23.00 460.00 46.00 46.00 0.00 0.00 0.00 $12 + 80.000$ 20.000 2.000 2.00 2.00 2.00 2.00 2.000 2.00 2.000 <	26		820.000	20.000	24.50		490.00	49.00		00.00	0.00	0.00					
+ 860.000 20.000 2.00 11.75 2.35.00 2.3.50 2.3.70 11.85 2.37.00 + 880.000 20.000 2.455 489.00 2.455 489.00 2.000 2.000 2.000 2.000 2.000 2.450 2.455 2.450 2.450 2.450 2.450 2.450 2.450 2.450 2.450 2.400 2.000			840.000	20.000	21.50		460.00	46.00		00,0	00.0	0.00					
+ 880.000 20.000 2.00 4.000 1.63 2.450 2.455 489.00 2 + 896.298 16.298 1.00 16.30 1.65 23.50 24.35 489.00 2 + 990.000 3.702 0.00 0.00 0.00 0.00 23.50 24.35 396.86 3 + 920.000 3.702 4.50 3.95 79.00 0.00 23.50 27.50 24.51 540.00			860.000	20.000	2.00		235.00	23.50		11,85	237.00	23.70	:				
+ 896.298 16.298 1.00 16.30 1.63 23.50 24.35 396.866 3 + 900.000 3.702 0.00 0.00 0.00 0.00 5.50 23.50 23.50 87.00 5 + 920.000 2.0000 3.40 1.70 34.00 5.50 77.00 540.00 5 + 940.000 20.000 4.90 4.70 94.00 7.90 30.35 50.00 5 + 960.000 20.000 6.20 5.55 111.00 11.10 31.00 30.35 50.00 5 + 960.000 20.000 6.20 5.55 111.00 11.10 31.00 30.35 607.00 5 + 0.000 20.000 5.20 5.55 11.100 11.10 31.00 30.35 607.00 5 5 5 5 5 5 5 5 5 5 5 5 5 5 <td></td> <td></td> <td>880.000</td> <td>20.000</td> <td>2.00</td> <td></td> <td>40.00</td> <td>4.00</td> <td></td> <td>24,45</td> <td>489.00</td> <td>48.90</td> <td></td> <td></td> <td></td> <td></td> <td></td>			880.000	20.000	2.00		40.00	4.00		24,45	489.00	48.90					
\star 900.0003.7020.000.000.000.0023.50 87.00 540.005 \star 920.00020.0003.401.7034.0034.0030.3027.00540.005 \star 940.00020.0004.904.7094.0094.0094.0029.95599.005 \star 980.00020.0006.205.55111.00111.1031.0029.95599.005 \star 980.00020.0006.205.55111.00111.1031.0029.95599.005 \star 980.00020.0006.205.55111.00111.1031.0029.95599.005 \star 980.00020.0006.205.55111.00111.1031.0030.35607.005 \star 980.00020.0006.2000.000.0011.1031.0030.35560.005 \star 46.2980.000.000.0012.5025.0028.00560.005 \star 46.2986.2380.000.0012.5033.45295.60295.602 \star 46.2986.23820.000.0012.5025.0023.452 \star 46.00020.00032.7531.38627.5065.7565.7583.45 \star 100.00020.00032.7532.7555.7583.452 \star 100.00020.00032.7555.7565.75			896.298	16.298		00.1	16.30	1.63		24.35	396.86	39.69					
+ $920,000$ $20,000$ 3.40 1.70 34.00 3.40 30.50 24.00 540.00 + $940,000$ $20,000$ 4.50 3.95 79.00 7.90 30.20 50.35 607.00 + $960,000$ 20.000 4.50 5.55 111.00 11.10 31.00 29.95 599.00 + $980,000$ 20.000 6.20 5.55 111.00 11.10 31.00 29.95 599.00 + $980,000$ 20.000 6.20 5.55 111.00 11.10 31.00 29.95 599.00 + 0.000 20.000 0.00 0.00 0.00 11.10 31.00 29.95 405.00 + 40.000 20.000 0.00 0.00 11.00 11.00 14.00 14.00 29.500 + 46.298 6.298 0.00 0.00 0.00 12.50 13.25 83.45 + 46.000 32.000 32.75 31.38 627.50 62.75 82.60 9.00 + 46.000 20.000 32.75 31.38 627.50 65.70 9.00 0.00 + 100.000 20.000 32.75 32.75 657.00 9.00 0.00 + 100.000 32.000 32.00 32.05 657.00 9.00 9.00 + 100.000 20.000 32.75 657.00 0.000 0.000 0.000 + 140.000 20.00			900.000	3.702		00.0	0.0	00.00		23,50	87.00	8.70		-			
+ 940.000 20.000 4.50 3.95 79.00 7.90 30.25 507.00 $+$ 960.000 20.000 4.50 4.70 94.00 9.40 29.70 29.95 599.00 $+$ 980.000 20.000 6.20 5.55 111.00 11.10 31.00 30.35 607.00 $+$ 980.000 20.000 6.20 5.50 25.00 25.00 59.95 599.00 $+$ 0.000 20.000 0.00 0.00 0.00 14.00 14.75 295.00 $+$ 40.000 20.000 0.00 0.00 14.00 14.75 295.00 $+$ 46.298 6.298 0.00 0.00 14.00 14.75 295.00 $+$ 46.208 6.298 31.38 627.50 62.75 80.00 10.00 $+$ 100.000 32.75 31.38 627.50 62.75 8.75 85.64 $+$ 100.000 32.75 32.75 655.00 65.76 6.000 0.000 $+$ 120.000 32.76 32.75 655.00 65.76 6.000 0.000 $+$ 120.000 32.000 32.75 657.00 65.76 6.000 0.000 $+$ 120.000 32.70 32.75 657.00 60.00 0.000 $+$ 140.000 20.000 32.00 32.75 657.00 65.76 0.000 $+$ 140.000 20.000		- 1	920.000	20,000			34.00	3.40		27.00	\$40.00	54.00					
+ 960.000 20.000 4.90 4.70 94.00 9.40 29.70 29.95 599.00 + 980.000 20.000 6.20 5.55 111.00 11.10 31.00 30.35 607.00 + 0.000 20.000 6.20 5.55 111.00 11.10 31.00 30.35 607.00 + 20.000 20.000 0.00 0.00 14.00 14.75 28.00 560.00 + 40.000 20.000 0.00 0.00 14.00 14.75 295.00 + 46.000 13.702 30.00 15.00 0.00 14.00 14.75 295.00 + 46.000 20.000 32.75 31.38 627.50 $6.27.5$ 6.25 83.45 + 80.000 20.000 32.75 555.00 65.75 6.275 6.275 85.64 + 100.000 20.000 32.75 557.50 657.50 65.75 0.00 0.00 + 120.000 32.75 31.38 657.50 65.45 65.45 9.00 + 120.000 32.75 33.00 32.75 657.50 65.45 9.00 + 140.000 20.000 32.000 32.75 657.50 65.45 9.00 + 140.000 20.000 32.00 32.00 65.45 65.45 9.00 + 140.000 20.000 33.00 32.00 32.70 65.45 65.40 <		- 1	940.000	20.000			79.00	7.90		30.35	607.00	60.70					
+ 980.000 20.000 6.20 5.55 111.00 31.00 30.35 607.00 + 0.000 20.000 6.20 5.50 25.00 560.00 + 20.000 20.000 0.00 0.000 11.00 15.50 28.00 560.00 + 40.000 20.000 0.00 0.000 15.50 20.25 405.00 + 40.000 20.000 0.00 0.00 14.00 14.75 295.00 + 46.298 6.298 0.00 0.00 14.00 14.75 295.00 + 46.000 13.702 30.00 15.00 20.55 20.55 83.45 + 80.000 23.75 31.38 627.50 62.75 65.25 83.45 + 100.000 20.000 32.75 32.75 85.45 83.45 + 100.000 20.000 32.75 57.50 65.45 6.000 0.00 0.00 0.00			960.000	20.000			94.00	9.40		29.95	599.00	59.90		· · · ·			
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+ 40.000 20.000 0.00 0.00 0.00 14.00 14.75 295.00 + 46.298 6.298 0.00 15.00 0.00 13.75 295.00 + 60.000 13.702 30.00 15.00 205.53 20.55 83.45 83.45 + 80.000 20.000 32.75 31.38 627.50 62.75 6.275 83.45 + 100.000 20.000 32.75 31.38 657.50 65.75 6.275 0.000 0.		•	20.000	20.000		0.0	0.0	00.00		20.25	405.00	40.50					
+ 46.298 6.298 0.00 0.00 0.00 0.00 12.50 13.25 83.45 83.45 + 60.000 13.702 30.00 15.00 205.53 20.55 6.25 83.64 + 80.000 32.75 31.38 627.50 62.75 6.25 85.64 + 100.000 32.75 31.38 627.50 65.75 0.00 0.00 0.00 + 120.000 32.75 32.75 654.50 65.45 0.00 0.00 0.00 + 120.000 32.70 32.73 654.50 65.45 0.00 0.00 0.00 + 120.000 33.00 32.85 657.00 65.45 0.000 0.00 0.00			40.000	20.000		0.00	0.00	0.00		14.75	295.00	29.50					
+ 60.000 13.702 30.00 15.00 205.53 20.55 6.25 85.64 + 80.000 20.000 32.75 31.38 627.50 62.75 6.000 0.000 + 100.000 20.000 32.75 31.38 655.00 65.75 6.000 0.000 0.000 + 120.000 32.77 32.73 654.50 65.45 0.000 0.000 0.000 + 120.000 32.70 32.73 654.50 65.45 0.000 0.000 0.000 + 140.000 20.000 33.00 32.85 657.00 65.70 65.70 0.000 0.000 0.000		1	46.298	6.298		00.0	00 0	0.00		13.25	83.45	8.34					
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+ 100.000 20.000 32.75 655.00 655.50 655.60 60.00 0.00 0.00 0.00 100 0.00 100 100 0.00 100 0.00 100<		. 1	80.000	20.000			627.50	62.75		0.00	0.00	000					
+ 120.000 20.000 32.70 32.73 654.50 65.45 0.00 0.00 0.00 + 140.000 20.000 33.00 32.85 657.00 65.70 65.70 0.00 0.00 0.00			100.000	20.000			655.00	65.50		00.0	00:0	00.0					
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			140.000	20.000		:	657.00	65.70		0.00	00.00	0.00	-				

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		AREA)		1	u												-																
		ON (IN CUT	AREA		(m2)													-															
		SIDE-BORROW SECTION (IN CUT AREA)	AVERAGE	· · ·	(m)																												
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			VOLUME	t≈10cm	(m3)	00.0	0.00	00.0	000	10.80	28.30	38.70	44.10	46.80	48.10	48.20	48.30	51.80	44.70	17.20	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.0
			AREA		(m2)	000	0.00	0.00	0.00	108.00	283.00	387.00	441.00	468.00	481.00	482.00	483.00	518.00	447.00	172.00	0:00	0.00	0.00	00.0	0.00	0.00	0.00	0:00	0.00	0.00	0.00	0.00	0:00
TODOLI	IOVAL OF LURSUL	IN FILL AREA	AVERAGE		(m)	0.00	0.00	00.00	0.00	5.40	14,15	19.35	22.05	23.40	24.05	24.10	24.15	25.90	22.35	8.60	0.00	0.00	0.00	0.00	0.00	00.0	0.00	00.0	00.0	0.00	0.00	0.00	0.00
	VEWONAL O	Z	MIDTH /		(m)					10.80	17.50	21.20	22.90	23.90	24.20	24.00	24.30	27.50	17.20														<u>.</u>
Ċ	2		VOLUME	t=10cm	(m3)	66.15	66.95	67.80	67.85	57.30	40.25	29.60	24.20	23.40	24.80	27.65	30.70	27.90	34.00	58.60	70.70	66.50	13.51	49.37	60.60	61.70	61.70	61.50	61.65	20.74	41.91	64.00	94,20
			AREA	<u> </u>	(m2)	661.50	669.50	678.00	678.50	573.00	402.50	296.00	242.00	234.00	248.00	276.50	307.00	279.00	340.00	586.00	107.00	665.00	135.12	493.69	606.00	617.00	617.00	615,00	616.50	207.42	419.08	640.00	942.00
		IN CUT AREA	AVERAGE		(m)	33.08	33.48	33.90	33.93	28.65	20.13	14.80	12.10	11.70	12.40	13.83	15:35	13.95	17.00	29.30	35.35	33.25	32.45	31.18	30.30	30.85	30.85	30.75	30.83	31.13	31.43	32.00	47.10
		=- 	WIDTH		(m)	33.15	33.80	34.00	33.85	23.45	16.80	12.80	11.40	12.00	12.80	14.85	15.85	12.05	21.95	36.65	34.05	32,45	32.45	29:90	30.70	31.00	30.70	30.80	30.85	31.40	31.45	32.55	61.65
	1	1	DISTANCE	<u></u> 		20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	4.164	15.836	20.000	20.000	20.000	20.000	20.000	6,664	13.336	20.000	20.000
	 					160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000	320.000	340.000	360.000	380.000	400.000	420.000	440.000	460.000	480.000	484.164	500.000	520.000	540.000	560.000	580.000	600.000	606.664	620.000	640.000	660.000
	· . ·	ал С	STATION			13 :+	13 - + -	13 +	I3 +	13 +	13 +	13°+	13.5+1	13 +	13 +	13 +	13.+	13 +	+ 12 +	13 +	13 +	13 +	13 +	13 +	13 +	13 +	13 +	13 +	13 +	;+ [] []	13 +	13 +	13 +

MAIN ROAD													
۰						REMOVAL O	OF TOPSOIL						
			IN CUT AREA			VI	IN FILL AREA			SIDE-B	SIDE-BORROW SECTION (IN CUT	ON (IN CUT A	AREA)
STATION	DISTANCE	HLDIM	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME	MIDIM	AVERAGE	AREA	VOLUME
					(=10cm				t=10cm				t=10cm
		(m)	(m)	(m2)	(m3)	(m)	(m)	(m2)	(m3)	(tt)	(m)	(m2)	(m3)
13 + 720.000	000 20.000	22.25	29.33	586.50	58.65	4.80	2,40	48.00	4.80				
13 + 740.000	000 20.000		11.13	222.50	22.25	11.00	7.90	158.00	15.80		 		
13. + 760.000	000 20.000	3.30	1.65	33.00	3.30	27,00	19.00	380.00	38.00				
13 + 780.000	000 20.000	3.20	3.25	65.00	6.50	28.60	27.80	556.00	55.60				
13 + 800.000		3.20	3.20	64.00	6.40	30.50	29.55	591.00	59.10				
13 + \$20.000	000 20.000	3.00	3.10	62.00	6.20	31.80	31.15	623.00	62.30				
13 + 840.000	000 20.000	2.80	2.90	58.00	5.80	35.00	33.40	668.00	66.80				
13 + 860.000	000 20.000	4.15	3.48	69.50	6.95	35.40	35.20	704.00	70.40				
13 + 880,000		4.55	4.35	87.00	8.70	36.60	36.00	720.00	72.00				
13 + 900.000		3.60	4.08	81.50	8.15	37.10	36.85	737.00	73.70		1 1 1 1 1		
13 + 920.000	000 20.000	3.95	3.78	75.50	7.55	39.80	38.45	769.00	76.90				
13 + 924.397	397 4.397	3.85	3.90	17.15	1.71	40.00	39.90	175.44	17.54				
13 + 940.000	000 15.603	6.20	5.03	78.41	7.84	38.80	39.40	614.76	61.48				
13 + 960,000	000 20.000	6.95	6.58	131.50	13.15	38.40	38.60	772.00	77.20				
13 + 980.000	20.000	5.40	6.18	123.50	12.35	37.90	38.15	763.00	76.30				
14 + 0.(0.000 20.000	5.70	5.55	00.111	11.10	36.50	37.20	744.00	74.40				
14 + 20.0	20.000 20.000	5.70	5.70	114.00	11.40	36.20	36.35	727.00	72.70				
14 + 40.	40.000 20.000	5.70	5.70	114.00	11.40	36.10	36.15	723.00	72.30	-			
14 + 46.	46.897 6.897	5.90	5.80	40.00	4.00	35.20	35.65	245.88	24.59				
14 + 60.	60.000 13.103	6.40	6.15	80.58	8.06	34.70	34.95	457.95	45.79				
14 + 80.	80.000 20.000	5.95	6.18	123.50	12.35	32.30	33.50	670.00	67.00				
14 + 100.	100.000 20.000	5.45	5.70	114.00	11.40	30.70	31.50	630.00	63.00				
14 + 120.	120.000 20.000	6.25	5.85	117.00	11.70	29.30	30.00	600.00	60.00				
	·. :	6.20	6.23	124.50	12.45	26.10	27.70	554.00	55.40				
+		12.60	9.40	188.00	18.80	20.40	23.25	465.00	46.50				
14 + 180.		23.50	18.05	361.00	36.10	9.60	15.00	300.00	30.00				
+		34.35	28.93	578.50	57.85		4.80	96.00	60.60				
.+		33.60	33.98	679.50	67.95		0.00	0.00	0.00				
14 + 240.		34.20	33.90	678.00	67.80		0.00	00.0	0.00				
. +					66.40		0.00	000	00.0				

COMPUTATION OF VOLUMES

International control model REMONAL OF TORPOL REMONAL OF TORPOL<				VOLUME	t=10cm	(m3)															T					_									
INCUT AREA REMOVAL OF TOPSOIL NUDTH AVERACE AREA VOLUME VIDTH WIDTH AVERACE AREA VOLUME VIDTH WIDTH AVERACE AREA VOLUME VIDTH MOTH AVERACE AREA VOLUME VIDTH MOTH AVERACE AREA VOLUME VIDTH MOT (m) (m) (m) (m) MOT (m) (m) (m) (m) MOD 31.00 31.00 64.00 64.00 0.00 0.00 MOD 31.01 31.20 64.00 64.40 0.00 0.00 0.00 MOD 31.01 31.20 64.40 0.00 0.00 0.00 MOD 31.01 31.20 64.40 0.40 0.00 0.00 MOD 31.01 31.20 64.00 61.40 0.00 0.00 MOD 31.40 74.50 74.50 74.50 0			AREA)	VOL	1	a 				·		-																						 	_
INCUT AREA REMOVAL OF TOPSOIL NUDTH AVERACE AREA VOLUME VIDTH WIDTH AVERACE AREA VOLUME VIDTH WIDTH AVERACE AREA VOLUME VIDTH MOTH AVERACE AREA VOLUME VIDTH MOTH AVERACE AREA VOLUME VIDTH MOT (m) (m) (m) (m) MOT (m) (m) (m) (m) MOD 31.00 31.00 64.00 64.00 0.00 0.00 MOD 31.01 31.20 64.00 64.40 0.00 0.00 0.00 MOD 31.01 31.20 64.40 0.00 0.00 0.00 MOD 31.01 31.20 64.40 0.40 0.00 0.00 MOD 31.01 31.20 64.00 61.40 0.00 0.00 MOD 31.40 74.50 74.50 74.50 0			ON (IN CUT	AREA		(m2)																													
REMOVAL OF TOPSOIL IN CUT AREA NETLI AREA NOLUNE NOL			RROW SECTI	AVERAGE		(m)																													
Invertion Invertion Removal Correlation Distravcis WIDTH AVEAGE AREA VOLUME WIDTH AVEAGE VOLUME VIDTH VVEAGE VOLUME VIDTH VVEAGE VIDTH VIDTH VVEAGE VIDTH VIDTH VVEAGE VIDTH VIDTH VVEAGE VIDTH			SIDE-BC	*****		(ເພ)										:																			
INCUTARE REMONLOCTOROSOL INCUTARE NEAD DISTANCE WIDTH AVERAGE AREA INCUTARE NIDTH AVERAGE AREA INN TIN NIDTH AVERAGE AREA INN TIN AVERAGE AREA INDTH AVERAGE INN INN IND IND IND IND INN INN IND IND IND IND INN INN IND IND IND IND INN INN IND IND IND IND IND INN INN IND IND IND IND IND INN IND IND IND IND IND IND IND INN IND IND IND IND IND IND IND IND INND IND IND IND IND IND IND IND IND				VOLUME	t≖i0cm	(m3)	0.00	0.00	00.0	000	0.00	0.00	0.00	0.00	000	0.00	00.0	0.00	000	000	0.00	0.00	000	0.00	0.00	0.00	000	0.00	0.00	000	0.00	0.00	000	0.00	00'0
IN CUT AREA REMOVAL OF TOPS INCUT AREA VOLUME NIDTH AVERAGE IND (m) (m) (m2) (m3) IND (m3) (m2) (m3) (m3) IND 20.000 33.10 32.20 664.00 663.00 IND 20.000 33.10 37.20 745.00 74.40 IND 20.000 37.40 745.00 74.40 (m) IND 20.000 37.40 745.00 74.40 (m) IND 20.000 37.40 74.40 74.40 (m) IND 20.000 37.40 74.40 74.40 (m) IND 20.000 37.40 74.40 74.40 74.40 IND 20.000 37.40 74.40 74.40 74.40 <td></td> <td></td> <td></td> <td>AREA</td> <td></td> <td>(m2)</td> <td>00:0</td> <td>000</td> <td>0.00</td> <td>0.00</td> <td>00.0</td> <td>00.0</td> <td>0.00</td> <td>00:0</td> <td>00.0</td> <td>0.00</td> <td>0.0</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>00.0</td> <td>0.00</td>				AREA		(m2)	00:0	000	0.00	0.00	00.0	00.0	0.00	00:0	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.00	00.0	0.00
IN CUT AREA AREAOVAL IN CUT AREA N CUT AREA N UDTH N UDTH N UDTH INN CUT AREA NIN CUT AREA N UDTH N UDTH N UDTH N UDTH INN CUT AREA INN CUT AREA N UDTH N UDTH N UDTH N UDTH INN CUT AREA INN CUT AREA N UDTH N UDTH N UDTH N IDTH INN CUT AREA INN CUT AREA INN CUT AREA N UDTH N IDTH N IDTH INN CUT AREA INN CUT AREA INN CUT AREA N IDTH N IDTH N IDTH INN CUT AREA INN CUT AREA INN CUT AREA INN CUT AREA N IDTH N IDTH INN CUT AREA INN CUT AREA INN CUT AREA INN CUT AREA INDTH INN CUT AREA INN CUT AREA INN CUT AREA INN CUT AREA INDTH INN CUT AREA INN CUT AREA INN CUT AREA INN CUT AREA INDTH INN CUT AREA INN CUT AREA INN CUT AREA INN CUT AREA		TOPSOIL	FILL AREA	NVERAGE	<u>.</u>	(m)	00.0	0.00	0.00	0000	0.00	00.0	0.00	0.00	0.00	00.0	00.0	0.00	00.0	0.00	0.00	0.00	000	0.00	0.00	0.00	00.0	0.00	0.00	00.0	00.00	0:00	000	0.00	00.0
DISTANCE WIDTH AVERGE AREA VOLUME (m) (m) (m2) (m3) (m3) (nn) (m3) (m2) (m3) (m3) (nn) (nn) (nn2) (m3) (m3) (nn) (nn3) (n3) (n3) (m3) (nn) (nn2) (nn3) (n3) (n3) (nn) (nn2) (n3) (n3) (n3) (nn) (nn2) (n2) (n3) (n3) (n1) (n1) (n1) (n2) (n3) (n2) (n3) (n3) (n3)		EMOVAL OF	N.			(m)																													
DISTANCE WIDTH AVERAGE ARE 0.000 20.000 32.20 32.20 0.000 20.000 32.20 32.20 0.000 20.000 32.20 32.20 0.000 20.000 32.20 32.20 0.000 20.000 37.40 31.95 0.000 20.000 37.40 37.40 0.000 20.000 37.40 37.40 0.000 20.000 37.40 37.40 0.000 20.000 37.40 37.40 0.000 20.000 37.40 37.40 0.000 20.000 37.40 37.40 0.000 20.000 37.40 37.40 0.000 20.000 37.40 37.40 0.000 20.000 37.40 37.50 0.000 20.000 37.40 37.40 0.000 20.000 37.40 37.50 0.0000 20.000 37.40 37.50 0.00		2			(=1()cm	(m3)	64,40	64.40	63.90	65.00	68.40	72.00	74.50	75.00	74.80	74.80	74.65	74,40	73:80		73.40	75.05	58.64	19.45	80.65	84.95	89.30	87.60	85.90	87.80	94.70	25.52	69.29	88.30	87.90
DISTANCE WIDTH AVERA DISTANCE WIDTH AVERA 0000 20.000 32.20 0.000 20.000 32.20 0.000 20.000 37.40 0.000 20.000 35.10 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40				AREA	 *	(m2)	644.00	644.00	639.00	650.00	684.00	720.00	745.00	750.00	748.00	748.00	746.50	744.00	738.00	732.50	734.00	750.50	586.35	194,47	806.50	849.50	893.00	876.00	859.00	878.00	947.00	255.17	692.89	883.00	879.00
DISTANCE WIDTH DISTANCE WIDTH 0.000 20.000 31.70 0.000 20.000 31.70 0.000 20.000 31.70 0.000 20.000 31.70 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.40 0.000 20.000 37.15 0.000 20.000 37.15 0.000 20.000 37.15 0.000 20.000 37.15 0.000 20.000 37.15 0.000 20.000 37.50 0.000			CUT AREA	AVERAGE		(m)	32.20	32.20	31.95	32.50	34.20	36.00	37.25	37.50	37.40	37.40	37.33	37.20	36.90	36.63	36.70	37.53	38.88	39.55	40.33	42.48	44.65	43.80	42.95	43.90	47.35	50.20	46.45	44.15	43.95
DISTA						(m)	32.20	32.20	31.70	33.30	35.10	36.90	37.60	37.40	37.40	37.40	37.25	37.15	36.65	36.60	36.80	38.25	39.50	39.60	41.05	43.90	45.40	42.20	43.70	44.10	50.60	49.80	43.10	45.20	42.70
				DISTANCE	· · · · ·	-	20.000	20.000	20.000	20.000	20.000	20.000	20:000	20.000	20.000	20.000	20,000	20.000	20.000	20.000	20.000	20.000	15.083	4.917	20.000	20.000	20.000	20.000	20.000	20.000	20.000	5.083	14.917	20.000	20,000
S S S S S S S S S S S S S S S S S S S	KUAU -			STATION	<u>.</u>		14 + 280,000	+	+	14 + 340.000	14 + 360.000	+	+	+	+	+	+	+	+	+	+	+	+	+	•+	+	+	+	+	+	+	· +	+	+	14 + 200.000

	r	T	1	·							~~~T	r	~- _T					-7		r									T	1	T		r		1
		AREAN	VOLUME	[=10cm	(Em3)																														
					(m2)																												-		
		SIDE-BORROW SECTION (IN CUT	AVERAGE		(m)																													·	
		SIDE-BU	HLLIM		(III)																										 				
			VOLUME	t=10cm	(m3)	0.00	0.00	2.01	29.16	66,80	69.20	74,10	79.10	73.80	64.70	34.40	3.96	0000	00.0	000	0.00	0.00	000	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	00.0	0.00
			AREA		(m2)	0.00	0.00	20.09	291.57	668.00	692.00	741.00	791.00	738.00	647.00	343.96	39.56	0.00	0.00	0:00	0.00	0.0	0:00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00
	TOPSON	IN FILL ADEA	AVERAGE		(m)	000	0:00	3.95	19.55	33.40	34.60	37.05	39.55	36.90	32.35	22.80	8.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	000	0.00	0.00	0:00	0.00	0.00	0.00	0:00
	REMOVAL OF TOPSOIL		WIDTH A	,	(m)			7 90	31.20	35.60	33.60	40.50	38.60	35.20	29.50	16.10																			
	×		VOLUME	t=10cm	(m3)	75.20	65,10	13,19	18.83	5.30	5,20	5.30	8.10	11,20	11,30	15.99	11.98	71.65	82.00	89.45	92.40	93,40	91.55	87.35	21.62	62.27	78.95	74.30	73.20	75.15	77.80	78.95	82.20	85.80	87.60
			AREA		(m2)	752.00	651.00	131.85	188.29	53.00	52.00	53.00	81.00	112.00	113.00	16.621	119.78	716.50	820.00	894.50	924.00	934.00	915.50	873.50	216.16	622.66	789.50	743.00	732.00	751.50	778.00	789.50	822.00	858.00	876.00
			AVERAGE		(m)	37.60	32.55	25.93	12.63	2.65	2.60	2.65	4.05	5.60	5.65	10.60	24.38	35.83	41.00	44.73	46.20	46.70	45.78	43.68	42.50	41.75	39.48	37.15	36.60	37.58	38.90	39.48	41.10	42.90	43.80
		INI	WIDTH A		(m)	35.70	29.40	22.45	2.80	2.50	-2.70	2.60	5.50	5.70	5.60	15.60	33.15	38.50	43.50	45.95	46.45	46.95	44.60	42.75	42.25	41.25	37.70	36.60	36.60	38.55	39.25	39.70	42.50	43.30	44.30
OLUMES		1_	DISTANCE			20.000	20.000	5.086	14.914	20.000	20.000	20.000	20.000	20.000	20.000	15.086	4.914	20.000	20.000	20.000	20.000	20.000	20.000	20.000	5.086	14.914	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
COMPUTATION OF VOLUMES	CAD		STATION 1	· .		\$40.000	860.000	865.086		000.006	920.000	940.000	000.096	1	н н.		20:000		60.000		100.000	+ 120.000	+ 140.000	+ 160.000	+ 165.086	+ 180.000		+ 220.000	+ 240.000			+ 300.000		+ 340.000	
COMPU	MAIN ROAD		STAT			14	14	14 +	4	14 +	-14 +	14 +	14 +	14 +	15 +	15 +	15 +	15 +	15 +	- 15 +	1S +	15 +	15 +	15 +	- 15 +	15 +	15 +	15 +	15 -	15 +	15 +	15 +	1		
				• .		•			- 1		•	· :				1.2	. 31)																·	

	IREA)	VOLUME	1=10cm	(m3)										 																			
	ON (IN CUT /	AREA		(m2)																													
	SIDE-BORROW SECTION (IN CUT AREA)	AVERAGE		(m)																													
	SIDE-B(HTUW	:	(m)															 														· · · ·
		VOLUME	t=10cm	(m3)	00.00	0:00	00.00	0.00	0:00	0.00	0.00	0.00	0.00	0.00	0:00	0.00	0.0	0.00	0:00	0.00	34.50	78.60	95.40	100.90	110.10	120.00	125.00	121.50	112.50	111.00	82.00	27.50	0.00
		AREA	· · · ·	(m2)	00.0	0.00	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	000	0.00	0.00	0.00	0.00	0.00	345.00	786.00	954.00	1,009.00	1,101.00	1,200.00	1,250.00	1,215.00	1,125.00	1,110.00	820.00	275.00	0.00
F TOPSOIL	N FILL AREA	AVERAGE		(m)	00.0	0.00	0.00	00.0	00:0	0.00	00:0	00.0	0:00	0.00	00.0	0.00	0.00	0.00	0.00	0.00	17.25	39.30	47.70	50.45	55.05	60.00	62.50	60.75	56.25	55.50	41.00	13.75	0.00
REMOVAL OF TOPSOIL	Z	WIDTH		(m)					-					 					54 17 -		34.50	44.10	51.30	49.60	60.50	59.50	65.50	56.00	56.50	54.50	27.50		
64		VOLUME	t=10cm	(m3)	55.69	35.15	89.25	89.25	91.85	90.00	88.75	21.55	00.0	45.00	92.70	98.40	96.20	90.50	85.00	80.00	40.00	3.20	6.55	3.35	2.40	8.40	8.50	6.50	12.50	16.50	35.00	78.00	104.00
		AREA		(m2)	556.88	351.51	892.50	892.50	918.50	900.006	887.50	215.48	0.00	450.00	927.00	984.00	962.00	905.00	850.00	800.00	400.00	32.00	65.50	33.50	24.00	84.00	85.00	65.00	125.00	165.00	350.00	780.00	1,040,00
	IN CUT AREA	AVERAGE	<u> </u>	(m)	45.00	46.10	44.63	44.63	45.93	45.00	44.38	44.20	22.15	22.50	46.35	49.20	48.10	45,25	42.50	40:00	20.00	1.60	3.28	1.68	1.20	4.20	4.25	3.25	6.25	8.25	17.50	39.00	52.00
	ZI	HICIM		(m)	45.70	46.50	42.75	46.50	45.35	44.65	44.10	44.30		45.00	47.70	50.70	45.50	45.00	40.00	40.00		3.20	3.35		2.40	6.00	2.50	4.00	8.50	8.00	27.00	51.00	53.00
		DISTANCE			12.375	7.625	20.000	20.000	20.000	20.000	20.000	4.875		20.000	20.000	20:000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
				 	372.375	380.000	400.000	420.000	440.000	460.000	480.000	484.875	300.000	320.000	340.000	360.000		400.000	420.000	440,000	460.000		500.000	520.000	540.000		580.000	600.000		1	\ \	1	000.007
		STATION			15 +	I5 +	15 +	15 +	15 +	:15 +	15 +	ی ج	15 +	15 +	15 +	15 +	15 +	- 15 +	15 +	15 +	15 +	15 +	15. +	15.+	15 +	15 +	15 +	15. +	15 +	15 +	15 +	15 +	+

		A)	VOLUME	t=10cm	(m3)																													
		SIDE-BORROW SECTION (IN CUT AREA)	AREA		(m2)																	 						 						
		ECTION (- -					·				<u> </u>				<u>.</u>							44 			
		SORROW S	AVERAGE		(m)													-																
		SIDE-E	HITUIW		(m)												-																	
			VOLUME	t=10cm	(m3)	000	0.00	0.00	0.00	0.00	0.00	0:00	0.00	0.00	0.00	0.00	0.00	0000	4.50	00.6	9.00	00.6	9.00	00.6	00.6	00.6	9.00	6.00	4.50	4.50	9.50	5.00	4.00	4.00
			AREA		(m2)	000	0.00	0.00	0.00	0:00	0.00	0:00	00.0	0.00	0.00	0.00	0.00	0.00	45.00	90.00	90.00	90.00	90.00	00.00	90.00	90.00	90:06	90,00	45.00	45.00	95.00	50.00	40.00	40,00
	TOPSOIL	IN FILL AREA	AVERAGE	-	(m)	0.00	00:00	0.00	0:00	0:00	0:00	0.00	0.00	00.0	00.00	00.00	0.00	0:00	2.25	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	2.25	2.25	4.75	2.50	2.00	2.00
	REMOVAL OF TOPSOIL	NI	WIDTH		(m)														4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50		4.50	5.00		4.00	
	R		VOLUME	t=10cm	(m3)	110.50	107.70	105.30	108.95	113.55	114.25	109.50	107.75	102.20	100.20	103.55	102.10	100.70	99.55	98.60	97.30	96.70	96.90	97.20	97.40	98.45	97.65	95.90	101.40	09.60	79.60	70.50	65.00	55.00
			AREA		(m2)	1,105,00	1,077.00	1,053.00	1.089.50	1,135.50	1.142.50	1,095.00	1.077.50	1,022.00	1,002.00	1,035.50	1.021.00	1,007.00	995.50	986.00	973.00	967.00	969.00	972.00	974.00	984.50	976.50	929.00	1,014.00	996.00	796.00	705.00	650.00	550.00
		IN CUT AREA	AVERAGE		(n)	55.25	53.85	52.65	54.48	56.78	57.13	54.75	53.88	51.10	50.10	51.78	51.05	50.35	49.78	49.30	48.65	48.35	48.45	48.60	48.70	49.23	48.83	47.95	50.70	49.80	39.80	35.25	32.50	27.50
		NI.	WIDTH	- 	(n)	56.00	51.70	53.60	55.35	58.20	56.05	53.45	54.30	47.90	52.30	51.25	50.85	49.85	49.70	48.90	48.40	48.30	48.60	48.60	48.80	49.65	48.00	47.90	53.50	46.10	33.50	37.00	28.00	27.00
VULUMES			DISTANCE			20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20,000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
COMPUTATION OF VOLUMES MAIN ROAD			STATION			+ 740.000	+ 760.000	+ 780.000	+ 800.000	+ 820.000	+ 840.000	+ 860.000	+ 880.000	+ 900.000	+ 920.000	+ 940.000	000.096 +	+ 980.000	+ 0.000	+ 20.000	+ 40.000	+ 60.000	+ 80.000	+ 100.000	+ 120.000	+ 140.000	+ 160.000	+ 180.000	+ 200.000	+ 220.000	+ 240.000	+ 260.000	+ 280.000	+ 300.000
COMPUTATI MAIN ROAD	.	·	STA			-12	15	13	15	15	-15	15	15	Σ	2	5	2	51	2	2	2	2	9	16 +	16 +	2	2	10	91	16	16	19	16	2

		1	AREA)	VOLUME	t=10cm	(£im3)																													<u> </u>
			ION (IN CUT	AREA		(m2)											•																		
			SIDE-BORROW SECTION (IN CUT AREA)	AVERACE		(III)					:									:															
		-	SIDE-B	WIDTH		(u)																													
				VOLUME	t=10cm	(£m)	8.00	8.00	00.6	5.00	0.00	00.00	0.00	0.00	0.00	0.00	0.00	00.00	0.00	00.0	0.00	00.00	0.00	0.00	00.00	00.0	00.0	0.00	13.47	16.20	00.00	00.0	13.50	30.00	35.00
				AREA		(m2)	80,00	80.00	90.00	50.00	0.00	0.00	000	0.00	000	0.00	0.00	0.00	0:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	134.69	162.00	000	000	135.00	300.00	350.00
		TIOPSOIL	IN FILL AREA	AVERAGE		(u)	4.(X)	4.00	4.50	2.50	00.0	000	00:00	00.0	00:00	0000	00.00	000	0.00	00.00	00.00	00.0	00.00	0.00	0.00	0.00	0.00	00.00	8.10	8.10	0.00	0.00	6.75	15.00	17 SO
: 		REMOVAL OF TOPSOIL	N	WIDTH /		(u)	4.00	4.00	5.00																	-			16.20				13.50	16.50	18 50
				VOLUME	t=10cm	(m3)	33.00	21.50	10:00	5.50	4.00	000	0:00	0.00	0.00	00.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	5.99	11.00	25.00	43.50	34.00	17.00	11 50
	 			AREA	: :	(m2)	330.00	215.00	100.00	55.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.00	0.00	0.00	0.00	2.87	59.86	110.00	250.00	435.00	340.00	170.00	115 00
			IN CUT AREA	AVERAGE		(m)	16.50	10.75	5.00	2.75	2.00	0.00	0.00	000	0.00	00.00	0.00	0.00	0.00	0.00	00.00	0.00	00.00	0.00	0.00	0.00	00.00	0.85	3.60	5.50	12.50	21.75	17.00	8.50	\$ 75
			<u>N</u>	WIDTH A		(m)	13.00	8.50	1.50	4.00																		1.70	5.50	5.50	19.50	24.00	10.00	7.00	4 50
VOLUMES		1		DISTANCE			20.000	20.000	20.000	20.000	20.000	20.000	16.704	3.296	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	3.371	16.629	20.000	20.000	20.000	20.000	20.000	
COMPUTATION OF VOLUMES	MAIN ROAD			STATION 1			+ 340.000	· +	16 + 380.000	+ 400.000	5 + 420.000	-16 +- 440.000	16 + 456.704	+	+	+ 500.000	5 + 520.000	. +	5 + 560.000	16 + 580.000	5 + 600.000	16 + 620.000	5 + 640.000	5 + 660.000	5 + 680.000	6 + 700.000	6 + 720.000	6 + 723.371	+	6 + 760.000	6 + 780.000	+	+	6 + 840.000	. 020.000
COM	MAI			ST			16	16	16	16	16	:16	16	16	- 19	16	- 16	2	16	F	<u>٩</u>	ž	16	16	16	16	16	16	16	16	19	10	16	16	7.

COMPUTATION OF VOLUMES MAIN ROAD	L VOLUMES												
					14	REMOVAL	AOVAL OF TOPSOIL						
			IN CUT AREA				IN FILL AREA			SIDE-I	SIDE-BORROW SECTION (IN CUT AREA)	TION (IN CUT /	AREA)
STATION	DISTANCE	HICIM	AVERAGE	AREA	VOLUME	HLLGIM	AVERAGE	AREA	VOLUME	HTCHW	AVERAGE	AREA	VOLUME
					[=10cm				t=10cm				t=10cm
		(m)	(m)	(m2)	(m3)	(m)	(m)	(11,2)	(m3)	(W)	(m)	(m2)	(Em3)
16, + 900.000	20.000		6.25	125.00	12.50		2.00	40.00	4,00				
16 + 920.000	20.000		0000	00.0	00.0		00:0	0.00	0.00				
16 + 940.000	20.000		0.00	0.00	0.00		00'0	00:0	0.00				
+			0.00	0.00			00.0	00.0	0.00				
+	20.000		0.00	00.0	0000		00.0	00.0	00.00				
17 + 0.000	20.000	6.10			6.10	26.50	13.25	265.00	26.50				
17 + 1.586		6.40	6.25	16:6	66'0	26.50	26.50	42.03	4.20				
17 + 20.000	18.414	29.10	17.75	326.85	32.68	: -14-		243.99	24.40				
17 + 40.000	20.000	34.60	31.85	637.00	63.70		00.00	0:00	0.00			-	
17 + 60.000	20.000		36.00	720.00			00:0	00:00	0.00				
17 + 80.000	20.000	41.50	39.45	00.687	78.90		00.0	0:00	0.00				
17 + 100,000	20:000	44.20	9 42.85	857.00	85.70		00.0	0.00	0.00				
17 + 120.000	20.000	46.20	45.20	904.00	90.40		0.00	0.00	0.00				
17 + 140.000	20.000	45.60	0 45.90	00'816	08.16		00.0	00.0	00.0				
17 + 160.000	20.000	45.60	9 45.60	912.00	91.20		00'0	00.0	00:0				
17 + 180.000	20.000	44.60	0 45.10	902.00	90.20		00.0	0.00	0.00				
17 + 200.000	20.000	42.60	0 43.60	872.00	87.20		0.00	0.00	0.00		-		
17 + 220.000	20.000	41.70	0 42.15	843.00	84.30		00.0	0000	00.00			-	
17 + 240.000		36.90	0 39.30	786.00	78.60		0.00	00:0	0.00				
17 + 260.000	20.000	33.30	0 35.10	702.00	70.20		00.0	0.00	0.00				
17 + 280.000	20.000	16.70	0 25.00	500.00	50.00	13.90	6.95	139.00	13.90	· · · · ·		· · · · · · · · · · · · · · · · · · ·	
17 + 300.000			0 11.30	226.00	22.60	25.00	19,45	389,00	38.90				
17 + 320.000			0 4.65	93.00	9.30	30.20	27.60	552.00	55.20				
+			0 3.40	68.00	6.80	31.50	30.85	617.00	61:70				
<u>i</u>		3.40	040	4.97	0.50	31.30	31.40	45.91	4.59				
+	18.538	9.25	5 6.33	117.25	11.73	31:00	31.15	577.46	57.75				
17 + 380.000	20.000	15.00	0 12.13	242.50	24.25	24.40	27.70	554.00	55.40				
	20.000	9.50	0 12.25	245.00	24.50	30.00	27.20	544.00	54.40				
1	00000	1 7 SO		170.071	100 21	02 02		100 202	02.02				
•						01.40	100.10	1001170	101-20				

MAIN KUAD													
			IN CUT AREA			KENOVAL	IN FILL AREA			SIDE-B	ORROW SECT	SIDE-BORROW SECTION (IN CLIT AREA)	REA)
STATION	DISTANCE	ILIGIM	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME	NIDTH	AVERAGE	AREA	VOLUARE
					1=10cm				i=10cm				t=10cm
		(ul)	(m)	(m2)	(£m)	(m)	(m)	(m2)	(m3)	(m)	(m)	(m2)	(m3)
17 + 460.000	20.000			146.00	14,60	32.90		683.00					
17 + 480.000	20.000	6.70	6.90	138:00	13.80	31.20	32.05		64.10				
17 + 500:000	20.000	6.90	6.80	136.00	13.60	28.30	29.75	595.00	59.50		-		
17 + 520.000		11.20	50.6	181.00	18.10	24.00	26.15	523.00	52.30				
17 + 540.000		12.00	11.60	232.00	23.20	25.80	24.90	498.00	49.80				
17 + 560.000	20.000	15.00	13.50	270.00	27.00	21.60	23.70	474.00	47.40				
17 + 580.000	20.000		17.55	351.00	35.10	15.50		371.00	37.10				
17 + 600.000		33.50	26.80	536.00	53.60		7.75	155.00	15.50				
17 + 620.000	20.000	33.80	33.65	673.00	67.30		000	0:00	0.00				
17 + 640.000	20.000	35.50	34.65	693.00	69.30		00.00	00.00	00.0				
17 + 660.000		36.90	36.20	724.00	72.40		0.00	00.00	0.00				
17 + 680.000	20.000	34.40	35.65	713.00	71.30		00:00	0.00	0.00				
17 + 700.000	20.000	40.90	37.65	753.00	75.30		0.00	00:00	0.00				
17 + 717.493	17.493	41.75	41.33	722.90	72.29		000	000	0.00				
17 + 720.000	2.507	41.60	41.68	104.48	10.45		0.00	00.00	0.00				
17 + 740.000	20.000	39.65	40.63	812.50	81.25		0.00	00.00	00.0				
17 + 760.000	20.000	38.45	39.05	781.00	78.10		0.00	0.00	0:00				
17 + 780.000	20.000	35.50	36.98	739.50	73.95	12.00	6.00	120.00	12.00				
17 + 800.000	0 20.000	40.60	38.05	761.00	76.10	11.50	11.75	235.00	23.50				
17 + 820.000	0 20.000	40.50	40.55	811.00	81.10	4.00	7.75	155.00	15.50				
17 + 840.000	0 20.000	34.00	37.25	745.00	74.50	8.00	6.00	120.00	12.00				
17 + 860.000	0 20.000	27.50	30.75	615.00	61.50	14.00	11.00	220.00	22.00				
17 + 867 493	3 7.493	24.00	25.75	192.94	19.29	20.00	17.00	127.38	12.74				
17 + 880.000	0 12.507	23.50	23.75	297.04	29.70	22.00	21.00	262.65	26.26				
17 + 900.000	0 20.000	26.50	25.00	500.00	50.00	18.00	20.00	400.00	40.00				
17 + 920.000	0 20.000	13.00	19.75	395.00	39.50	31.50	24.75	495.00	49.50				
17 + 940.000	0 20:000	19.50	16.25	325.00	32.50	18.00	24.75	495.00	49.50	a. * 1			
17 + 960.000	20.000	15.50	17.50	350.00	35.00	28.00	23.00	460.00	46.00				
17 + 980.000	0 20.000	25.00	20.25	405.00	40.50	16.50	22.25	445.00	44.50				

	SIDE-BORROW SECTION (IN CUT AREA)			<u>2)</u> (m3)															-													
	ECTION (IN	E AREA		(m2)																												
	BORROW SI	AVERAGE		(m)										· · · · · · · · · · · · · · · · · · ·													:					
	SIDE	WIDTH		(m)								:													-	:						
		VOLUME	t=10cm	(m3)	38.00	43.00	51.00	57.50	59.00	58.00	53.24	13.19	77.00	84.00	85.00	85.00	86.50	00.68	00.00	28.00	59.09	82.50	83.50	88.00	92.00	91.50	86.00		86.00	86.00	86.00 82.00 77.50	86.00 82.00 77.50 79.00
1.1.1.1		AREA		(m2)	380.00	430.00	510.00	575.00	590.00	580.00	532.42	131.94	770.00	840.00	850.00	850.00	865.00	890.00	900.000	280.00	590.95	825.00	835.00	880.00	920.00	915.00	860.00	the second se	860.00	860.00 820.00	860.00 820.00 775.00	860.00 820.00 775.00 790.00
REMOVAL OF TOPSOIL	IN FILL AREA	AVERAGE		(m)	00.01	21.50	25.50	28.75	29.50	29.00	32.75	35.25	38,50	42.00	42.50	42.50	43.25	44.50	45.00	44.75	43.00	41.25	41.75	44.00	46.00	45.75	43.00		43.00	43.00	43.00 41.00 38.75	43.00 41.00 38.75 39.50
EMOVAL (1	WIDTH	· .	(m)	18.00	25.00	26.00	31.50	27.50	30.50	35.00	35.50	41.50	42.50	42.50	42.50	44.00	45.00	45.00	44.50	41.50	41.00	42.50	45.50	46.50	45.00	41.00		45.00	45.00 37.00	45.00 37.00 40.50	45.00 37.00 40.50 38.50
		VOLUME	t=10cm	(£10)	45.50	42.50	34.00	32.00	33.00	33.50	21.95	4.77	25.50	20.00	14.50	13.50	13.00	14.50	16.50	6.26	16.15	26.50	28.50	28.50	28.50	24.50	23.00		27.50	27.50	27.50 30.50 30.50	27.50 30.50 30.50 28.50
		AREA		(m2)	455.00	425.00	340.00	320.00	330.00	335.00	219.47	47.72	255.00	200.00	145.00	135.00	130.00	145.00	165.00	62:57	161.48	265.00	285.00	285.00	285.00	245.00	230.00		275.00	305.00	275.00 305.00 305.00	275.00 305.00 305.00 285.00
	IN CUT AREA	AVERAGE		(m)	22.75	21.25	17.00	16.00	16.50	16.75	13.50	12.75	12.75	10.00	7.25	6.75	6.50	7.25	8.25	10.00	11.75	13.25	14.25	14.25	14.25	12.25	11.50		13.75	13.75	13.75 15.25 15.25	13.75 15.25 15.25 14.25
		HILDIM		(m)	26.50	16.00	18.00	14.00	19.00	14.50	12.50	13.00	12.50	7.50	7.00	6.50	6.50	8.00	8.50	11.50	12.00	14.50	14.00	14.50	14.00	10.50	12.50	1	15.00	15.00	15.00	15.00 15.50 15.00 13.50
		DISTANCE			20.000	20.000	20.000	20.000	20.000	20.000	16.257	3.743	20:000	20.000	20.000	20.000	20.000	20.000	20.000	6.257	13.743	20.000	20.000	20.000	20.000	20.000	20.000	00000	000.02	20.000	20.000	20.000
		NO			20,000	40.000	60.000	80.000	100.000	120.000	136.257	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	286.257	300.000	- 320.000	340.000	360.000	380.000	400.000	420.000	000 077	440.000	440.000	440.000 460.000 480.000	440.000 460.000 480.000 500.000
		STATION			1% +	+ 81	18 +	18 +	18 +	+ 18	18 +	18 +	18 +	18 +	18 +	18 +	18 +	- 18	-18 +	18 +	18 +	18 +	+ 81	+ 81	18 +	18. +	18 +		18 +			

MAIN ROAD			•			:				- 1			
						REMOVAL	REMOVAL OF TOPSOIL						
			IN CUT AREA				IN FILL AREA			SIDE-B	SIDE-BORROW SECTION (IN CUT		AREA)
STATION	DISTANCE	HLDIM	AVERAGE	AREA	NOLUME	WIDTH	AVERAGE	AREA	VOLUME	HLLDIM	AVERAGE	AREA	VOLUME
		 			t=10cm				t=1 0cm				t=10cm
		(m)	(m)	(m2)	(m3)	(m)	(m)	(m2)	(m3)	(u)	(m)	(m2)	(m3)
+ 580.000	20,000	48.50	37.00	740.00	74.00		12:25	245.00					
+ 600:000	20.000	39.50	44,00	880.00		12.50	6.25	125.00	12.50				
+ 620.000	20:000		42.25	845.00			6.25	125.00	12.50				
18 + 640.000	20:000	. [.]	42.75	855.00		4.50	2.25	45.00	4.50				
18 + 660.000	20.000	55.00	47.75	955.00	95.50		225	45.00	4.50				:
18 + 680.000	20.000		54.75	1,095.00			0.00	0.00					
18 + 700.000	20.000		49.75	995.00		2.00	1.00	20.00	2.00		- - -		
18 + 720.000	20.000	46.50	45.75	915.00	91.50		1.00	20.00	2.00				
18 + 736.257	16.257	49.50	48.00	780.34	78.03		00.00	00.0	0.00				
18 + 740.000	3.743	48.00	48.75	182.47	18.25		0000	0.00					
18 + 760.000	20.000	53.00	50.50	1,010.00	00.101		00:0	0.00	00.0		-		
18 + 780.000	20.000	54.00	53.50	1.070.00	107.00		0:00	0.00	0.00				
18 + 800.000	20:000	56.50	55.25	1,105.00	110:50		00.00	0.00	0.00				
18 + 820.000	20.000	57.00	56.75	1,135.00	113.50		0:00	0:00					
18 + 840.000	20.000	49.50	53.25	1,065.00	106.50	7.00	3.50		7 00				
18 + 860.000	20.000	43.50	46.50	00.059	93.00	2.50	4.75	95.00					
18 + 880.000	20.000	52.50	48.00	960.00	96.00	2.50	2.50	50.00					
18 + 900.000	20.000	44.50	48.50	970.00	00.72	7.00	4.75	95.00	· · ·			:	
18 + 920.000	20.000	47.00	45.75	915.00	91.50	3.00	5.00						
18 + 940.000	20.000	38.50	42.75	855.00	85.50	12.50	7.75	155.00					
18 + 960.000	20.000	25.00	31.75	635.00	63.50	22.00	17.25	345.00					
18 + 980.000	20.000	20.50	22.75	455.00	45.50	0 7.50	14.75	295.00	29.50				
19 + 0.000	20.000	13.70	17.10		34.20		17.60	352.00	35.20				
		5.80	9.75		19.50	40.30	34.00	680.00	68.00				
+	20.000	7.50	6.65	133.00	13.30	42.30	41.30	826.00	82.60				
266.12 + 61	11.992	6.00	6.75	80.95	60.8	42.30	42.30	507.26	50.73				
19 + 60.000	8.008	8.20	7.10	56.86	5.69	43.20	42.75	342.34					
l	20.000	7.30	7.75	155.00	15.50	45.10	44.15		88.30				
+	20.000	008	01.8	162.00	16.20	100 EV	44 50	890.00	00 00				-
-													

	REA)	VOLUME	t=10cm	(a)3).																													
	ON (IN CUT A	AREA	•	(m2)																													
	SIDE-BORROW SECTION (IN CUT AREA)	AVERAGE	· · ·	(m)	:																												
	SIDE-B	WIDTH		(m)																													
		VOLUME	t=10cm	(m3)	91.70	92.90	88.70	86.00	75.10	48.60	16.10	2.00	2.00	2.00	2.00	1.90	24.20	50.30	69.80	89.60	98.90	111.10	110.00	10.01	90.94	101.00	101.50	104.00	118.50	112.00	91.50	89.60	22.68
		AREA		(m2)	917.00	929.00	887.00	860.00	751.00	486.00	161.00	20.00	20.00	20.00	20.00	19.00	242.00	503.00	698.00	896.00	989.00	1,111.00	1,100.00	100.10	909.40	1,010.00	1.015.00	1,040.00	1,185.00	1,120.00	915.00	896.00	226.83
REMOVAL OF TOPSOIL	IN FILL AREA	AVERAGE	· · · · · · · · · · · · · · · · · · ·	(m)	45,85	46.45	44.35	43.00	37.55	24.30	8.05	1.00	1.00	1.00	1.00	0.95	12.10	25.15	34.90	44.80	49.45	55.55	55.00	50.25	50.50	50.50	50.75	52.00	59.25	56.00	45.75	44.80	43.90
REMOVAL (WIDTH		(m)	47.60	45.30	43.40	42.60	32.50	16.10		2.00		2.00		1.90	22.30	28.00	41.80	47.80	51.10	80.00	50.00	50.50	50.50	50.50	51.00	53.00	65.50	46.50	45.00	44.60	43.20
		VOLUME	t=10cm	(m3)	6.20	6.40	7.20	8.60	11.70	30.70	65.30	87.00	97.10	95.40	86.00	80.40	29.00	36.80	21.60	09.6	8.00	7.50	25.50	4.46	47.54	51.00	36.50	25.50	13.60	8.60	11.00	13.00	3.36
		AREA		(m2)	62.00	64.00	72.00	86.00	117.00	307.00	653.00	870.00	00.170	954.00	860.00	804.00	590.00	368.00	216.00	96.00	80.00	75.00	255.00	44.62	475.41	510.00	365.00	255.00	136.00	86.00	110.00	130.00	33.59
	IN CUT AREA	AVERAGE		(m)	3.10	3.20	3.60	4.30	5.85	15.35	32.65	43.50	48.55	47.70	43.00	40.20	29.50	18.40	10.80	4.80	4.00	3.75	12.75	22.40	26.40	25.50	18.25	12.75	6.80	4:30	5.50	6.50	6.50
		HLDIM	 - - -	(m)	3.00	3.40	3.80	4.80	6.90	23.80	41.50	45.50	51.60	43.80	42.20	38.20	20.80	16.00	5.60	4.00	4.00	3.50	22.00	22.80	30.00	21.00	15.50	10.00	3.60	5.00	6.00	7.00	6.00
	L	DISTANCE			20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	1.992	18.008	20.000	20.000	20.000	20.000	20.000	20.000	20.000	5.167
		NO			140.000	160.000	180.000	200.000	220.000	240,000	260.000	280.000	300:000	320.000	340.000	360.000	380.000	400.000	420.000	440.000	+ 460.000	+ 480.000	+ 500.000	+ 501.992	+ 520.000	+ 540.000	+ 560.000	l	t.,	Į	l	+ 660.000	+ 665.167
	· · ·	STATION	· .	- - - -	÷ 61	+ 61	+ 61	+ 61	+ 61	÷ 61	+ 19	19 +	+ 61	19 +	+ 61	19 +	+ 61	19 +	19 +	- 19 +	+ 61	+ 61	+ 61	- 19 -	+ 61	F 61	61	+ 61				ŧ	+ 61

MAIN ROAD													
	•		- 1			REMOVAL	EMOVAL OF TOPSOIL						
			IN CUT AREA				IN FILL AREA			SIDE-B	SIDE-BORROW SECTION (IN CUT AREA)	ION (IN CUT A	(REA)
STATION	DISTANCE	HIDIW	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME	HIGIM	AVERAGE	AREA	VOLUME
		in Maria			t=10cm				t=10cm			· • •	t=10cm
		(m)	(m)	(m2)	(m3)	(m)	(m)	(m2)	(m3)	(III)	(m)	(m2)	(m3)
+ 700.000	20:000	10.00	8.48	169.50	16.95	37.00	39.50	790,00	79.00				
19 + 720.000	20:000	6.20	8.10	162.00	16.20	35.50	36.25	725.00	72.50				
+ 740.000	20.000	15.50	10.85	217.00	21.70		33.25	665.00	66.50				
+ 760.000		43.30	29.40	588.00	58.80		15.50	310.00	31.00				
]		985.00	98.50		0:00	0000	0.00				
+ 800.000		56.70	55.95	1,119.00	06.111		00.0	000	0.00				
+ \$20.000		61.00	58.85	00.771.1	117.70		0.00	0.00	0.00				
+ 840.000			60.09	1,200.00	120.00		00:0	00.0	000				
+ 860.000				1,191.00	01.911		00.00	0:00	0.00				
+ 873.500	13.500	63.50	61.80	834.30	83.43		0.00	00.0	0.00				
+ 880.000					39.00		00.0	00.0					
+ 900.000	20.000	55.50	56.00	1,120.00	112.00		0.00	0.00	0.00				
					00.601		0.00	0.00	0.00				
+ 940.000	20.000	46.30	49.90		08.60	6.00	3.00	60.00	6.00				
+ 960.000	20.000	43.50	44.90	00.898	89.80	7.00	6.50	130.00	13.00				
+ 980.000	20.000	42.60		861.00	86.10	6.50	6.75	135.00	13.50				-
+ 0.000		41.30	41.95	00 628	83.90	6.00	6.25	125.00	12.50				
+ 20.000	20.000	40.10	40.70	814.00	81,40	- 6,00	6.00	120.00	12.00				
+ 40.000	20.000	45.20	42.65	853.00	85.30		3.00	60.00	6.00				
+ 60.000	20.000	50.00	47.60	952.00	95.20	-	0.00	0.00	0.00				
+ 80.000	20.000	42.20	46.10	922.00	92.20		0.00	0.00	0.00				
+ 100.000		30.70	36.45	729.00	72.90	7.00	3.50	70.00	7.00		- 14		
		14.45	22.58	451.50	45.15	23.00	15.00	300.00	30.00				
[28.00	21.23	424.50	42.45	17.60	20.30	406.00	40.60				
ļ.		Ì	17.28	345.50	34.55	35.30	26.45	529.00	52.90				
		13.40	86.6	199.50	19.95	30.00	32.65	653.00	65.30				
		14.80	14.10	282.00	28.20	35.00	32.50	650.00	65.00				
1	20.000	8.80	11.80	236.00	23.60	38.00	36.50	730.00	73.00				
+ 240.000	20.000	01.01	0 45	189 00	18 90	AD ON	39.00	780.00	12 00	· .		_	
													_

						XEMONAL	XEMOVAL OF LUPSOIL	· ·					
			IN CUT AREA			*	IN FILL AREA			SIDE-B	SIDE-BORROW SECTION (IN CUT AREA)	ON GN CUT A	REA)
STATION	DISTANCE	WIDTH	AVERAGE	AREA	VOLUME	HTUIW	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME
					t=10cm			· · · · ·	t=10cm				(=10cm
		(ui)	(m)	(m2)	(m3)	(m)	(m)	(n12)	(m3)	(III)	(m)	(m2)	(in3)
20 + 280.000	20.000	9.40	9.13	1×2.50	18.25	38.50	39.25	785.00	78.50				
20 + 300,000	20.000	8.55	8.98	179.50	17.95	36.80	37.65	753.00	75.30				
20 + 320.000	20.000	7.85	8.20	164.00	16.40	36.60	36.70	734.00	73.40				
20 + 340:000	20.000	01.0	8.48	169.50	16.95	37.20	36.90	738.00	73.80				
20 + 360.000	20.000	9.20	9.15	183.00	18.30	36.70	36.95	739.00	73.90				
20 + 380.000	20.000	8.90	50.6	181 00	18.10	36.80	36.75	735.00	73.50				
20 + 400.000		9.50	9.20	184.00	18.40	36.00	36.40	728.00	72.80				
20 + 420.000		15.30	12.40	248.00	24.80	29.30	32.65	653.00	65.30			-	
20 + 440.000	20.000	9.15	12.23	244.50	24.45		32.35	647.00	64.70				
20 + 460.000	20.000	14.50	11 83	236.50	23.65	29.00	32.20	644.00	64,40				
20 + 480.000			15.25	:	30.50		29.00	580.00	58:00				
20 + 500.000	20.000	15.50	15.75	315.00	31.50	29.20	29.10	582.00	58.20				
20 + 520.000	20.000	15.50	15.50	310.00	31.00	29.80	29.50	590.00	59.00				
20 + 540.000	20.000	16.50	16.00	320.00	32.00	33.30	31.55	631.00	63.10				
20 + 560.000	20.000	15.50	16.00	320.00	32.00	37.30	35.30	706.00	70.60				
20 + 580.000	0 20.000	15.00	15.25	305.00	30.50	38.20	37.75	755.00	75.50				
20 + 600.000	0 20.000	16.00	15.50	310.00	31.00	38.70	38.45	769.00	76.90				
20 + 620.000	20.000	8.30	12.15	243.00	24.30	39.00	38.85	777.00	77.70				
20 + 640.000	0 20.000	4.20	6.25	125.00	12.50	40.30	39.65	793.00	79.30				
20 + 660.000	0 20.000	4.20	4.20	84.00	8.40	42.00	41.15	823.00	82.30				
20 + 676.232	2 16.232	4.15	4.18	67.77	6.78	42.90	42.45	689.05	68.90				
20 + 680.000	o 3.768	4.35	4.25	16.01	1.60	43.30	43.10	162.40	16.24				
20 + 700.000	0 20.000	4.70	4.53	90.50	9.05	44.30	43.80	876.00	87.60				
20 + 720.000	20.000	5.00	4.85	62,00	9.70	46.20	45.25	905.00	90.50				
20 + 740.000		5.00	5.00	00.00	10:00	48.50	47.35	947.00	94.70				
20 + 760.000			2.50	50.00	5.00	45.00	46.75	935.00	93.50				
20 + 780.000	00000	2.80	1.40	28.00	2.80	51.50	48.25	965.00	96.50				
20 + 800.000		2.60	2.70	54.00	5.40	53.70	52.60	1,052.00	105.20				
20 + 820.000		2.70	2.65	53.00	5.30	55.20	54.45	00.680.1	108.90				
							The second	and the second s	and the second se	the second second			

COMPUTATION OF VOLUMES

MAIN KUAU						REMOVAL	REMOVAL OF TOPSOIL						
	••••••••••••••••••••••••••••••••••••••		IN CUT AREA				IN FILL AREA	distance in the second second provide the second		SIDE-B	SIDE-BORROW SECTION (IN CUT	ION (IN CUT /	AREA)
STATION	DISTANCE	WIDTH	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME
1. jugi 1. jugi 1. jugi		Ĩ	((Сш)	t=10cm		Ĩ	(č. 4.)	t=10cm	[Į	(6)=)	t=10cm
000 098 +	20.000	270	2.65					1.156.00	115 60		/HI)		
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0.40	04.0					136.00	09 811				
Ľ		270	2.70					272.07	27.21				
:+		2.60	2.65					889.83	88.98				
20 + 920.000	0 20.000	7.00	4.80	96.00				1,169.00	116.90				
+ 940.000		11.50	9.25		18.50	5.5		1,205.00	120.50				
20 + 950.000	20.000	16.50	14.00	280.00	28.00			1,125.00	112.50				
+ 980.000	0 20.000	12.00	14.25	285.00			52.25	1,045.00	104.50				
+ 0.000	0 20.000	7.00	9.50	н Ц 4 д				1.110.00	00 111				
+ 20.000		6.00	6.50		13.00	•		1,090.000	00.001				
+ 40.000	0 20.000	6.60	6.30	126.00	12.60	35.50		850.00	85.00				
+ 60.000	0 20.000	7.50	7.05	141.00	14.10	29.00	32.25	645.00	64.50				
+ 80.000	-	32.50	20.00	400.00	40.00		14,50	290.00	29.00				-
+ 92.898		37.00	34.75	1 2 2	44.82		0.00	0.00	0.00				
+ 100.000	0 7.102	38.00	37.50	266.32			0.00	0.00	0.00				-
+ 120.000	0 20.000	39.50	38.75	775.00	77.50		0.00	0.00	0.00				
+ 140.000	0 20.000	41.50	40.50	810.00	81.00		0.00	0.00	0.00				
+ 160.000	0 20.000	41.50	41.50	830.00	83.00		0.00	0.00	0.00				
+ 180.000	0 20.000	45.00	43.25	865.00	86.50		0.00	0.00	0.00				
+ 200.000		48.50	46.75		93.50		0.00	0.00	0.00				
+ 220.000	0 20.000	49.50	49.00	980.00	98.00		0.00	0.00	0.00				
+ 240.000		50.50	50.00	1,000.00	100.00		0.00	0.00	0.00				
+ 260.000		52.50	51.50	1.030.00	103.00	-	00.00	0.00	0.00				
		53.00					0.00	0.00	0.00				
Į –		53.50	53.25	1	106.50		0:00	0.00	0.00			-	
+ 320.000	0 20.000	52.00	52.75	1.055.00	105.50		0.00	0.00	0.00				
+ 340.000		52.00	52.00	1,040.00	104.00		0.00	0.00	0.00				
- ·	:	52.00	52.00				0.00	0.00	0.00				
+ 380.000	0 20.000		52.00	1,040.00	104.00		0.00	0.00	00.0				
L													

MAINROAD													
			IN CUT AREA			TY A CHICK	IN FILL AREA			SIDE-E	SIDE-BORROW SECTION (IN CUT AREA)	TON (IN CUT	AREA)
STATION	DISTANCE	WIDTH	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME
					t=10cm				t=10cm		-		t≈10cm
		(m)	(m)	(m2)	(m3)	(u)	(in)	(m2)	(m3)	(u)	(m)	(m2)	(m3)
21 + 420.000	20.000	51.50	51.50	1,030.00	103.00		000	0.00	0.00				
21 + 440.000	20.000	51.50	51.50	1,030.00	103.00		0:00	0:00	0.00				
21 + 460.000	20.000	52.00	51.75		103.50		00:0	0.00	0.00				
21 + 480.000	20.000	50.50	51.25				0070	0.00	0.00				
21 + 500.000	20.000	50.50			00.101	-	000	0.00	00.0			-	
21 + 520.000		51.00			101.50		000	0.00	0.00				
21 + 540.000	20.000	50.50		1,015.00	101 50		000	0.00	000				
21 + 560.000	20.000				00.72		0.00	0.00	0.00				
21 + 563.141		45.50		144.49	14.45		00'0	0.00	0.00				
21 + 580.000	16.859	43.80	44.65	752.75	75.28		0.00	0.00	0.00				
21 + 600.000		44.55	44.18	883.50	88.35	2.60	1.30	26.00	2.60				
21 + 620.000	20.000	41.15	42.85	857.00		2.85	2.73	54.50	5.45				
21 + 640.000	20.000	36.75	38.95	00.677	77.90	3.70	3.28	65.50	6.55				
21 + 660.000	20.000	19.20	27.98	559.50	55.95	10.40	7.05	141.00	14.10				
21 + 680.000	20.000	23.90	21.55	431.00	43.10	10.30	10.35	207.00	20.70				
21 + 700.000	20.000	29.10	26.50	530.00	53.00		5.15	103.00	10.30				
21 + 720.000			-				0.00	0.00	00'0	:			
21 + 740.000	20.000	31.70	31.10	622.00	62.20	_	0.00	0.00	0.00				
21 + 760.000	20.000	33.40	32.55	651.00	65.10		0.00	0.00	00.00				
21 + 771.474	11.474	34.30	33.85	388.39	38.84		0.00	0.00	00.00				
21 + 780.000	8.526	34.90	34,60	295.00	29.50		000	0:00	00.0				
21 + 800.000	20.000	35.20	35.05	701.00	70.10		0000	0.00	0.00	:			
21 + 820.000	20.000	36.60	35.90	718.00	71.80		0.00	0.00	0.0				
21 + 840.000	20.000	38.10	37.35	747.00	74.70		0000	0:00	000				
21 + 860.000	20.000	39.40	38.75	775.00	77.50		0.00	0.00	00.0				
21 + 880.000	20.000	41,20	40.30	806.00	80.60		0.00	0.00	0.00				
21 + 900.000	20.000	45.30	43.25	865.00	86.50		0.00	0:0	0.00				
21 + 920.000	20.000	46.70	46.00	920.06	92.00		00.0	0.00	00.0				
21 + 931.474	11.474	49.50	48.10	551.90	55.19		0.00	0.00	0.00				

1.2. 42

		AREA)	VOLUME	t=10cm	(m3)																														
			AREA	:	(m2)																														
		SIDE-BORROW SECTION (IN CUT	AVERAGE		(u)																														
		SIDE-B	WIDTH	-	(m)																														
			VOLUME	t=10cm	(m3)	00 [.] U	0.00	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	0.00	0.0	0.00	00.0	0.00	13.50	21.50	2.58	13.42	16.00	16.00	16.50	16.50	16.00	12.00	25.00	49.50	56.50	57.50	48.50
			AREA		(m2)	000	0.00	0.00	0 .0 0	0.00	0.00	0.00	0.00	0.00	0.00	0'00	00.0	0.00	0.00	0.00	135.00	215.00	25.85	134.15	160.00	160.00	165.00	165.00	160.00	120.00	250.00	495.00	565.00	575.00	485.00
	F TOPSOIL	N FILL AREA	AVERAGE	ін і К	(m)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.75	10.75	8.00	8.00	8.00	8.00	8.25	8.25	8.00	6.00	12.50	24.75	28.25	28.75	24.25
	REMOVAL OF TOPSOIL	Υ.	NTUW		(m)				-												13.50	8.00	8.00	8.00	8.00	8.00	8.50	8.00	8.00	4.00	21.00	28.50	28.00	29.50	19.00
	æ		VOLUME	t=10cm	(m3)	102.70	105.60	108.20	111.40	113.50	114.70	114.80	113.50	18.13	92.65	107.60	101.00	00.66	104.00	102.50	88.20	77.20	12.52	65.82	79.00	80.00	80.00	78.50	90.00	91.50	63.00	33.50	22.50	22.00	31.50
			AREA		(m2)	1,027,00	1,056.00	1,082.00	1,114.00	1.135.00	1,147.00	1,148.00	1,135.00	181.26	926.49	1.076.00	1.010.00	00.022	1,040.00	1,025.00	882.00	772.00	125.20	658.18	00.067	800.00	800.00	785.00	900.006	915.00	630.00	335.00	225.00	220.00	315.00
		IN CUT AREA	AVERAGE	· .	(ui)	51.35	52.80	54.10	55.70	56.75	57.35	57.40	56.75	56.10	55.25	53.80	50.50	49.50	52.00	51.25	44.10	38.60	38.75	39.25	39.50	40.00	40.00	39.25	45.00	45.75	31.50	16.75	11.25	11.00	15.75
		IJ	WIDTH A		(E)	52.40	53.20	55.00	56.40	57.10	57.60	57.20	56.30	55.90	54.60	53.00	48.00	51.00	53.00	49.50	38.70	38.50	39.00	39.50	39.50	40.50	39.50	39.00	51.00	40.50	22.50	11.00	11.50	10.50	21.00
OLUMES			DISTANCE		· · · · · ·	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	3.231	16.769	20.000	20.000	20.000	20.000	20.000	20.000	20.000	3.231	16.769	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
COMPUTATION OF VOLUMES MAIN ROAD			STATION E			+ 960.000	+ 980.000	+ 0:000	+ 20.000		+ 60.000	+ 80.000	+ 100.000	+ 103.231	+ 120.000	+ 140.000	+ 160.000	+ 180.000	+ 200.000	+ 220.000	+ 240.000	+ 260.000	+ 263.231	+ 280.000	+ 300.000	+ 320.000	+ 340.000	+ 360.000	· +	+ 400.000	+ 420.000	4.	+	+	+
COMF			ST/			21	21	23	22 +	52	22	ន	22	8	22	8 1.2	2 4		22	22	22	22	22	23	8	22	22	22	8	2	2	22	8	2	2

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		AREA)	VOLUME	t=10cm	(m3)																						:								
-		ION (IN CUT AI	AREA		(m2)																														
		SIDE-BORROW SECTION (IN CUT	AVERAGE		(m)																														-
		SIDE-I	WIDTH	: • . ¹ .	(E									-																					
			VOLUME	t=10cm	(Eii)	40.00	29.00	16.00	16:00	16.00	16.00	16.00	8.00	4.00	8.00	00.6	00.6	12.50	17.00	17.00	37.50	00'29	75.50	78.50	85.00	89.00	94.00	99.50	96.90	110.25	111.50	116.00	113.00	106.00	107.00
			AREA	· · · · · · · · · · · · · · · · · · ·	(m2)	400.00	290.00	160.00	160.00	160.00	160.00	160.00	80.00	40.00	80.00	00.06	90.00	125.00	170.00	170.00	375.00	670.00	755.00	785.00	850.00	890.00	940.00	995.00	669.00	1,102.50	1,115.00	1,160.00	1,130.00	1,060.00	1,070.00
	REMOVAL OF TOPSOIL	IN FILL AREA	AVERAGE	· · · ·	(m)	20.00	14.50	8.00	8.00	8.00	8.00	8.00	4.00	2.00	4.00	4.50	4.50	6.25	8.50	8.50	18.75	33.50	37.75	39.25	42.50	44.50	47.00	49.75	51.00	52.50	55.75	58.00	56.50	53.00	53.50
	EMOVAL (1	WIDTH		(iii)	21.00	00-8 8	8.00	8.00	8.8	8.8	8.0		4.00	4.00	5.00	4.00	8.50	8.50	8.50	29.00	38.00	37.50	41.00	44.00	45.00	49.00	50.50	51.50	53.50	58.00	58.00	55.00	51.00	56.00
	124		VOLUME	t=10cm	(m3)	39.80	50.80	65.50	68.50	00712	73.00	74.00	82.50	87.00	82.50	81.00	80.00	73.10	65.10	61.50	40.50	18.30	18.30	18.50	14.50	13.50	13.00	13.50	12.83	14.18	15.00	14.00	11.00	15.30	21.80
			AREA	· ·	(m2)	398.00	508.00	655.00	685.00	710.00	730.00	740.00	825.00	870.00	825.00	810.00	800.00	731.00	651.00	615.00	405.00	183.00	183.00	185.00	145.00	135.00	130.00	135.00	128.25	141.75	150.00	140.00	110.00	153.00	218.00
		IN CUT AREA	AVERAGE		(m)	06.61	25.40	32.75	34.25	35.50	36.50	37.00	41.25	43.50	41.25	40.50	40.00	36.55	32.55	30.75	20.25	9.15	9.15	9.25	7.25	6.75	6.50	6.75	6.75	6.75	7.50	7.00	5.50	7.65	10.90
		u U	HITUW		(m)	18.80	32.00	33.50	35.00	36.00	37.00	37.00	45.50	41.50	41.00	40.00	40.00	33.10	32.00	29.50	11.00	7.30	11.00	7.50	2.00	6.50	6.50	7.00	6.50	7.00	8.00	6.00	5.00	10.30	11.50
COMPUTATION OF VOLUMES MAIN ROAD		 - -	DISTANCE			20.000	20.000	20.000	20:000	20.000	20,000	20.000	20.000	20:000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	19.000	21.000	20.000	20.000	20.000	20.000	20.000
ALION UF			NÖ			520,000	540.000	560.000	580.000	600.000	620.000	640.000	660.000	680.000	700:000	720.000	740.000	760.000	780.000	800.000	820.000	840.000	860.000	880.000	900.000	920.000	940.000	960.000	979.000	0.000	20.000	40.000	60.000	80.000	100.000
MAIN ROAD		· · · ·	STATION			22 +	22 +	+ 72	22 +	+ 22	3	22 +	22 +	22 +	22 +	22 +	22 +	22 +	22 +	22 +	22 +	22 +	22 +	22 +	22 +	33	22 +	22 +		23 +	23 +	53 + 53			23 +
		•	:					•								1.2	. 44	Ļ																	

	AREA)	VOLUME	t=10cm			- - -																										
		AREA	10-11 1						-																							-
	SIDE-BORROW SECTION (IN CUT	AVERAGE																								- 						
	SIDE-B	IITGIW	Ĩ										:										-									· · ·
		VOLUME	t=10cm	00111	49.39	58.56	108.00	100.00	88.40	86.80	88.20	83.90	79.10	78.30	82.00	85.90	86.90	85.60	83.90	79.00	73.00	68.50	54.90	27.80	5.90	0.00	00.00	00.0	0:00	6.00	46.00	
		AREA	ĉ	1.110.00	493.95	585.61	1.080.00	1.000.00	884.00	868.00	882.00	839.00	791,00	788.00	820.00	859.00	869.00	856.00	839.00	790,00	730.00	685.00	549.00	278.00	59.00	0.00	0.00	0.00	0:00	60.00	460.00	
REMOVAL OF TOPSOIL	N FILL AREA	AVERAGE	(11)	55 50	54.25	53.75	54.00	50.00	44.20	43.40	44.10	41.95	39.55	39.40	41.00	42.95	43.45	42.80	41.95	39.50	36.50	34.25	27.45	13.90	2.95	0.00	0.00	0.00	00.0	3.00	23.00	
REMOVAL		WIDTH	(c)	55.00	53.50	54.00	54.00	46.00	42.40	44.40	43.80	40.10	39.00	39.80	42.20	43.70	43.20	42.40	41.50	37.50	35.50	33.00	21.90	5.90						6.00	40.00	
		VOLUME	t=10cm	23.50	11.84	14.44	26.00	27.30	23.30	19.65	20.20	18.30	16.25	14.90	12.75	10.90	9.55	8.00	3.50	0.00	0.00	6.90	25.40	56.75	82.60	90.35	94.60	97,40	92.10	83.80	40.50	
		AREA	(Crus)	235.00	118.36	144.36	260.00	273.00	233.00	196.50	202.00	183.00	162.50	149.00	127.50	109.00	95.50	80.00	35.00	00.00	00.0	69.00	254.00	567.50	826.00	903.50	946.00	974.00	921.00	838.00	405.00	
	N CUT AREA	AVERAGE		11.75	13.00	13.25	13.00	13.65	11.65	9.83	10.10	9.15	8 13	7.45	6.38	5.45	4.78	4.00	1.75	00.00	00.00	3.45	12.70	28.38	41.30	45.18	47.30	48.70	46.05	41.90	20.25	
		WID'TH	(11)	12.00	14.00	12.50	13.50	13.80	9.50	10.15	10.05	8.25	8.00	6.90	5.85	5.05	4.50	3.50				6.90	18.50	38.25	44.35	46.00	48.60	48.80	43.30	40.50		
		DISTANCE		20,000	9.105	10.895	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	
		NO		120.000	129.105	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000	320.000	340.000	360.000	380.000	400.000	420.000	440.000	460.000	480.000	500.000	520.000	540.000	560.000	580.000	600.000	620.000	640.000	
		STATION		23 +			23 +	23 +	- 23 +	+ 33	23 +		23 +	23 +	23 +	- 23 +		23 +	23 +	23 +	+ 53	23 +	23 +	23 +	23 +	23 +	23 +	23 +	23 +	23 +	23 +	

TION INTUL AREA NULL AREA NULL AREA VOLUME NIFLL AREA VOLUME NIFLL AREA VOLUME NIFLL AREA VOLUME NIFLL AREA VOLUME NIFL AREA VOLUME NIFL AREA VOLUME NIFL AREA VOLUME NOLUME Infl Infl <thinfl< th=""> <thinfl< th=""> Infl</thinfl<></thinfl<>	STATION					×	REMOVAL C	EMOVAL OF TOPSOIL						
	STATION			IN CUT AREA				N FILL AREA			SIDE-E	SORROW SECT	TUD (IN CUT	AREA)
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		DISTANCE	HEDIW	AVERAGE	AREA	VOLUME	HITCHW	AVERAGE	AREA	VOLUME	HITCHW	AVERAGE	AREA	NOLUME
(m) (m) <t< td=""><td></td><td></td><td></td><td></td><td>······································</td><td>t=10cm</td><td></td><td>:</td><td></td><td>t=10cm</td><td></td><td></td><td></td><td>t=10cm</td></t<>					······································	t=10cm		:		t=10cm				t=10cm
+ 660,000 20,000 0,000 0,000 5,000 5,000 1,05,000 1,05,000 1,05,000 1,05,000 1,05,000 1,05,000 1,05,000 1,05,000 1,000,00 5,000 1,05,000 1,000,00			(m)	(iu)	(m2)	(m3)	(m)	(m)	(m2)	(m3)	(m)	(m)	(1112)	(m3).
+ 700.000 20.000 0.00 0.000 9.55.00 55.25 1.105.00 1 + 720.000 20.000 0.000 5.00 100.00 49.50 52.25 1.05.00 1 + 720.000 20.000 9.50 105.00 9.55 1.05.00 1 + 760.000 20.000 9.50 10.50 9.55 1.05.00 1 + 760.000 20.000 9.50 10.50 2.55.00 20.55 4.50.00	+	20,000		00.0	0.00	0.00	55.50	54:25	1.085.00	108.50				
+ 720,000 20,000 10,00 5,00 100,00 5,00 100,00 10,000	+	20.000		0:00	0.00	0.00	55.00	55:25	1.105:00	110.50				
+ 70000 2000 9.50 9.75 195.00 80.20 50.00 1.00000		20.000	10.00		100.00	10.00	49.50	52.25	1,045.00	104.50				
+ 76000 20000 9.00 9.25 185.00 20.560 40.00 47.25 945.00 + 780.000 20.000 11.50 10.25 205.00 47.25 945.00 + 880.000 20.000 11.50 10.52 205.00 47.25 945.00 + 880.000 20.000 3.50 6.20 3.50 41.30 87.30 87.00 + 880.000 20.000 3.50 0.00 0.00 3.55 65.00 7.50 + 880.000 20.000 15.10 7.55 151.00 11.45 3.400 870.00 + 990.000 20.000 31.70 2.55 65.00 6.50 3.400 670.00 + 990.000 31.70 2.55 151.00 11.22 21.95 611.5 + 900.000 31.70 2.55 151.00 61.0 12.200 9.60 + 900.000 20.000 31.50 <td>1 · .</td> <td>20.000</td> <td>9.50</td> <td></td> <td>195.00</td> <td>19.50</td> <td>50.50</td> <td>50.00</td> <td>1.000.00</td> <td>100.00</td> <td>1.1</td> <td></td> <td></td> <td></td>	1 · .	20.000	9.50		195.00	19.50	50.50	50.00	1.000.00	100.00	1.1			
+ 780.000 20.000 11.50 10.25 205.00 20.000 9.40 47.25 945.00 + 800.000 20.000 9.50 10.50 21.00 23.00 43.00 870.00 + 800.000 3.00 9.50 10.50 3.26 135.00 32.50 855.00 + 800.000 3.00 3.50 5.00 3.00 3.50 43.00 850.00 + 800.000 3.00 3.50 5.00 3.55 65.00 700.00 + 900.000 15.10 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00		20:000	00.6		185.00	18.50	50.50	50.50	1,010.00	101.00				
+ 800.000 20.000 9.50 10.500 210.000 3.500 <t< td=""><td>+</td><td>20.000</td><td>11.50</td><td>- - </td><td>205.00</td><td>20.50</td><td>44.00</td><td>47.25</td><td>945.00</td><td>94.50</td><td></td><td></td><td></td><td></td></t<>	+	20.000	11.50	- - 	205.00	20.50	44.00	47.25	945.00	94.50				
+ 820,000 3.000 3.00 5.00 3.25 65.00 3.35 65.00 3.35 865.00	+	20.000	9.50		210.00	21.00	43.00	43.50	870.00	87.00				
+ $840,00$ $20,000$ 3.50 3.25 $65,00$ 5.50 $36,000$ $73,00$ 73	+	20.000	3.00			12.50	43.50	43.25	865.00	86.50				
+ 860.000 20.000 6.50 5.00 100.00 3.2.50 36.00 720.00 6 + 880.000 20.000 1 3.15 6.500 35.50 34.00 680.00 6 + 900.000 15.10 7.55 151.00 15.10 12.20 31.50 671.50 6 + 920.000 20.000 31.50 73.90 31.50 31.50 31.50 438.00 6 <td> :: +</td> <td>20.000</td> <td></td> <td>:</td> <td></td> <td>6.50</td> <td>39.50</td> <td>41.50</td> <td>830.00</td> <td>83.00</td> <td></td> <td></td> <td></td> <td></td>	:: +	20.000		:		6.50	39.50	41.50	830.00	83.00				
+ 88.000 20.000 3.25 65.00 0.00 </td <td>+</td> <td>20.000</td> <td></td> <td></td> <td></td> <td>10.00</td> <td>32.50</td> <td>36.00</td> <td>720.00</td> <td>72.00</td> <td></td> <td></td> <td></td> <td></td>	+	20.000				10.00	32.50	36.00	720.00	72.00				
+ 900.000 20.000 151.0 7.55 151.00 15.10 15.3.58 671.50 6 + 920.000 20.000 151.10 7.55 151.00 15.10 12.20 21.93 438.50 4 + 940.000 20.000 31.70 29.80 956.00 39.60 6.10 122.00 120.00 120.00 120.	÷.	20.000		3.25		6.50	35.50	34.00	680.00	68.00				
+ 920.000 20.000 15.10 7.55 151.00 15.10 15.20 21.93 438.50 43 + 940.000 20.000 31.70 23.80 43.00 6.10 122.00 122.00 + 940.000 20.000 31.50 23.60 65.00 65.00 0.00 0.00 + 980.000 20.000 31.50 55.00 65.60 65.60 0.00 0.00 0.00 + 0.000 31.50 31.50 655.00 65.60 65.60 0.00 0.00 0.00 + 40.000 20.000 31.50 51.50 65.80 65.80 65.80 65.90 0.00 0.00 + 40.000 20.000 31.50 31.50 653.60 65.80 65.80 65.80 65.80 65.80 65.90 65.90 65.90 65.90 65.90 65.90 65.90 65.90 65.90 65.90 65.80 65.80 65.90 <t< td=""><td>+</td><td>20.000</td><td></td><td>0.00</td><td></td><td>00.0</td><td>31.65</td><td>33.58</td><td>671.50</td><td>67.15</td><td></td><td></td><td></td><td></td></t<>	+	20.000		0.00		00.0	31.65	33.58	671.50	67.15				
+ 940.000 27.000 27.90 21.50 430.00 59.60 6.10 12200 12200 + 960.000 20.000 31.50 29.80 59.60 59.60 0.00 0.00 + 980.000 20.000 31.50 31.60 63.60 63.60 63.60 63.60 0.000 0.00 0.00 + 0.000 20.000 31.80 635.00 63.60 63.60 63.60 63.60 0.00 0.00 0.00 + 0.000 20.000 31.80 31.95 633.00 63.40 63.60 0.00 0.00 0.00 + 4.0.000 20.000 31.80 633.00 63.30 63.30 63.30 0.00 0.00 0.00 + 40.000 20.000 31.80 31.91 32.60 32.30 53.30 63.30 63.30 63.30 60.00 0.00 0.00 + 80.000 3.31.0 32.60 53.30 </td <td>+</td> <td>20.000</td> <td>15.10</td> <td></td> <td></td> <td>15.10</td> <td>12.20</td> <td>21.93</td> <td>438.50</td> <td>43.85</td> <td></td> <td></td> <td></td> <td></td>	+	20.000	15.10			15.10	12.20	21.93	438.50	43.85				
+ 960,000 21,70 29,80 59,60 59,60 0.00 0.00 0.00 0.00 + 980,000 31,50 31,60 632,00 63,20 63,20 0.00 0.00 0.00 + 980,000 31,50 31,80 635,00 63,50 63,50 63,50 0.00 0.00 0.00 + 0.000 20,000 31,80 635,00 63,90 63,90 63,90 0.00 0.00 0.00 + 40,000 20,000 31,80 31,80 635,00 63,90 63,90 63,90 0.00 0.00 0.00 + 40,000 20,000 31,80 31,90 633,00 63,90 63,90 0.00 <t< td=""><td>+</td><td>20.000</td><td>27.90</td><td></td><td></td><td>43.00</td><td></td><td>6.10</td><td>122.00</td><td>12.20</td><td></td><td></td><td></td><td></td></t<>	+	20.000	27.90			43.00		6.10	122.00	12.20				
+ 980.000 20.000 31.50 632.00 633.00 63.00 0.000 0.000 0.000 + 100.000 34.35 33.20 33.20 33.40 0.000 0.000 0.00 0.00 + 120.000 34.35 54.30 53.40 0.000	+	20.000				59.60		0.00	0.00	0.00				
+ (0.000) 20.000 31.80 31.80 636.00 63.60 63.60 0.00 0.00 + 20.000 20.000 31.80 31.93 639.00 63.90 63.90 0.000 0.00 + 40.000 20.000 32.00 31.90 638.00 63.80 63.90 0.000 0.00 + 40.000 20.000 32.70 31.10 61.50 61.50 1.80 0.90 18.00 + 80.000 20.000 32.70 31.10 622.00 61.50 0.90 18.00 + 80.000 20.000 32.70 31.10 622.00 63.70 0.90 18.00 + 100.000 16.083 33.80 33.265 127.89 12.76 0.00 0.00 + 100.000 20.000 34.35 587.00 68.70 0.000 0.00 0.00 + 140.000 20.000 34.35 587.00 53.40 0.000 0.00 0.00 + 140.000 20.000 37.40 70.30 70.30 0.000 0.00 + 180.000 20.000 37.45 749.00 74.90 0.000 0.000 + 180.000 20.000 37.60 37.40 74.90 0.000 0.000 + 180.000 20.000 37.40 74.90 74.90 0.000 0.000 + 200.000 37.60 37.40 74.90 0.000 <	+					63.20		00'0.	0:00	000				
+ 20.000 31.80 31.95 639.00 63.90 63.90 0.00 0.00 0.00 + 40.000 20.000 32.00 31.90 633.00 63.80 63.80 0.90 18.00 + 60.000 29.000 32.70 31.10 633.00 61.50 1.80 0.90 18.00 + 80.000 20.000 32.70 31.10 622.00 61.50 0.90 18.00 + 83.917 3.917 3.260 32.70 31.20 533.96 53.40 0.900 0.00 + 100.000 16.083 33.20 33.20 533.96 53.40 0.00 0.00 0.00 + 120.000 20.000 34.90 34.35 687.00 68.70 0.000 0.00 0.00 + 140.000 20.000 37.90 34.35 703.00 70.30 70.30 0.000 0.00 + 160.000 37.10 37.40 74.90 72.50 72.50 0.000 0.00 + 180.000 27.000 37.45 749.00 74.90 74.90 0.000 0.000 + 200.000 37.60 37.40 74.90 75.40 0.000 0.000 + 180.000 20.000 37.45 749.00 75.40 0.000 0.000 + 200.000 37.60 75.40 75.40 0.000 0.000 + 20.000 37.60 75	+					63.60		0.00	00.00	0.00		-		
+ 40.000 20.000 31.90 638.00 638.00 63.80 $6.3.80$ 0.00 0.00 + 60.000 20.000 29.50 30.75 615.00 61.50 1.80 0.90 18.00 + 80.000 20.000 32.70 31.10 622.00 62.20 0.90 18.00 + 83.917 3.917 32.60 32.65 127.89 12.79 0.90 18.00 + 100.000 16.083 33.80 33.20 533.96 53.40 0.00 0.00 + 120.000 20.000 34.30 34.35 533.96 53.40 0.000 0.00 + 120.000 20.000 34.30 34.35 533.96 53.40 0.000 0.00 + 140.000 20.000 37.10 34.35 773.00 70.30 0.000 0.000 + 180.000 37.10 35.40 35.40 72.50 72.50 0.000 0.000 + 180.000 37.10 37.45 749.00 75.40 0.000 0.000 + 180.000 37.60 37.40 75.40 75.40 0.000 0.000 + 180.000 37.60 37.40 75.40 75.40 0.000 0.000 + 180.000 37.60 37.40 75.40 75.40 0.000 0.000 + 20.000 37.60 37.40 77.50 77.90 0.000 0.000 <	+					63.90	:	0.00	0.00	0.00				
+ 60.000 29.000 29.50 30.75 615.00 615.00 61.50 1.80 0.90 18.00 + 80.000 20.000 32.70 31.10 622.00 62.20 0.90 18.00 + 83.917 3.917 32.60 32.65 32.65 127.89 12.79 0.00 0.00 + 100.000 16.083 33.80 33.20 533.96 53.40 0.00 0.00 0.00 + 120.000 20.000 34.90 34.35 587.00 68.70 68.70 0.00 0.00 + 140.000 20.000 35.40 35.15 703.00 70.30 0.00 0.00 + 160.000 20.000 37.10 35.15 703.00 72.50 72.50 0.000 0.00 + 180.000 20.000 37.45 749.00 74.90 0.000 0.00 + 200.000 20.000 37.60 37.40 74.90 0.000 0.000 + 200.000 20.000 37.60 77.70 74.90 0.000 0.000	+					63.80		0.00	0.00	0.0				
+ 80.000 20.000 32.70 31.10 622.00 622.00 622.00 18.00 18.00 18.00 18.00 18.00 18.00 18.00 18.00 0.00 18.00 0.0	+			-		61.50	1.80	0.00	18.00	1.80				
+ 83.917 3.917 32.60 32.65 127.89 12.79 0.000 0	4					62.20		06.0	18.00	1.50				
+ 100.000 16.083 33.80 33.20 533.96 53.40 0.00	+					12.79		0.00	0.00	0.0				
+ 120.000 20.000 34.90 34.35 687.00 68.70 68.70 0.00	+					53.40		0.00	0.00	0.0				
+ 140.000 20.000 35.40 35.15 703.00 70.30 70.30 0.00 0.00 0.00 + 160.000 20.000 37.10 36.25 725.00 72.50 72.50 0.00 0.00 0.00 + 180.000 20.000 37.80 37.45 749.00 74.90 0.00 0.00 0.00 + 200.000 37.60 37.45 749.00 75.40 0.00 0.00 0.00 - 200.000 20.60 37.60 754.00 75.40 0.00 0.00 0.00	+					68.70		0.00	0.00	0.0				
+ 160.000 20.000 37.10 36.25 725.00 72.50 0.00 0.00 0.00 0.00 100 0.00 100 0.00 100 0.00 100 <td>+</td> <td></td> <td></td> <td></td> <td></td> <td>70.30</td> <td></td> <td>0.00</td> <td>0.00</td> <td>0.0</td> <td></td> <td></td> <td></td> <td></td>	+					70.30		0.00	0.00	0.0				
+ 180.000 20.000 37.80 37.45 749.00 74.90 0.00 0.00 0.00 + 200.000 20.000 37.60 754.00 754.00 75.40 0.00 0.00 - 200.000 37.60 37.60 754.00 757.40 0.00 0.00	+					72.50		0.00	0.00	0.00				
+ 200,000 20,000 37,60 37,70 754,00 75,40 0.00 0.00 0.00 0.00	+		1. -	н Н	:	74.90		0:00	0:00	000				
22 cm 23 cm 23 cm 672 m 677 m 0.00	+					75.40		0.00	0.00	0.00				
+ 220.000 20.000 20.000 20.000 20.000 20.000 20.000 4	+		29,60	33.60	672.00	67.20		0.00	0.00	0.00	-			

		AREA)	VOLUME	t=10cm	(EU3)													-																	
			AREA	· · · · ·	(m2)																••														
		SIDE-BORROW SECTION (IN CUT	AVERAGE		(m)																-												1		
		SIDE-BC	WIDTH	· · ·	(ui)														· · · ·		:														
			VOLUME	t=10cm	(m3)	0.00	00:0	18.37	6.28	52.10	55.40	58.90	62.10	61.10	61.00	61.10	61.40	57.90	44.20	17.40	0.00	0.00	00.0	0.00	0.00	0.00	0.00	0.00	0.00	00.0	0.00	23.00	58.00	73.50	75 001
			AREA	· · ·	(m2)	000	0.00	183.71	62.84	521.00	554.00	589.00	621.00	00'1 19	610.00	00.110	614.00	579.00	442.00	174.00	0.00	0.00	0.00	0.00	0.00	0.00	00.0	0.00	00.00	0.00	0.00	230.00	580.00	735.00	750.00
	TOPSOIL	IN FILL AREA	AVERAGE		(10)	00'0	00:0	10.65	22.85	26.05	27.70	29.45	31.05	30.55	30.50	30.55	30.70	28.95	22,10	8.70	0.00	0.00	0.00	0.00	0:00	0.00	0.00	0:00	0.00	0.00	0.00	11.50	29.00	36.75	37 50
	REMOVAL OF TOPSOIL	IN	WIDTH A		(m)			21.30	24.40	27.70	27.70	31.20	30.90	30.20	30.80	30.30	31.10	26.80	17.40													23.00	35.00	38,50	36 50
	R		VOLUME	t=10cm	(m3)	65.20	62.00	35.71	2.50	13.50	15.80	15.90	15.60	14.90	00.11	11.10	11 80	12.50	17.80	43.30	66.80	72.80	77.50	80.90	84.50	86.90	87.20	88.00	87.20	79.70	68.30	43.40	15.50	5.90	5 10
			AREA		(in2)	652.00	620.00	357.08	25.03	135.00	158.00	159.00	156.00	149.00	110.00	00.111	118.00	125.00	178.00	433.00	668.00	728.00	775.00	809.00	845.00	869.00	872.00	880.00	872.00	797.00	683.00	434.00	155.00	59.00	41 00
		IN CUT AREA	AVERAGE		(m)	32.60	31.00	20.70	9.10	6.75	06.1	7.95	7 80	7.45	5.50	5.55	5.90	6.25	8.90	21.65	33.40	36.40	38.75	40.45	42.25	43.45	43.60	44.00	43.60	39.85	34.15	21.70	7.75	2.95	256
		Z	WIDTH	••	(m)	31,40	30.60	10.80	7.40	6.10	9.70	6.20	9.40	5.50	5.50	5.60	6.20	6.30	11.50	31.80	35.00	37.80	39.70	41.20	43.30	43.60	43.60	44,40	42.80	36.90	31.40	12.00	3.50	2.40	02.6
		 	DISTANCE		·	20.000	20.000	17.250	2.750	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	00000
MAIN ROAD	-		STATION			4 + 260.000	4 + 280.000	4 + 297.250	4 + 300.000	+	4 + 340.000	4 + 360.000	24 + 380.000	24 + 400.000	24 + 420.000	4 + 440.000	4 + 460.000	4 + 480.000	4 + 500.000	4 + 520.000	4 + 540.000	4 + 560.000	4 + 580.000	4 + 600.000	4 + 620.000	4 + 640.000	4 + 660.000	4 + 680.000	+	4 + 720.000	+	. +	4 + 780.000	4 + 800.000	000000 T V
MAI	· .		S	•••••••••	I I	24	24	- 24	24	24	24	24	24	2		5	치 47	54	24	5	24	24	24	24	24	24	24	24	24	24	24	24	24	24	2

		N CUT AREA)	AREA VOLUME	t=10cm	(m2) (m3)											<u>.</u>																		
		SIDE-BORROW SECTION (IN CUT AREA)	AVERAGE		(u)																													
		SIDE-BOR	A HTOW		(u)																	-	•											
			VOLUME	t=10cm	(m3)	72.50	64.80	63.80	72.40	77.40	85.00	86.50	83.00	87.50	88.00	59.28	18.18	60.00	57.50	55.00	69.50	81.00	69.50	61.00	37.00	13.00	6.00	0.00	0.00	0.00	0.00	0:00	0.00	10.30
			AREA	· · · · ·	(m2)	725.00	648.00	638.00	724.00	774.00	850.00	865.00	830.00	875.00	880.00	592.84	181.85	600.009	575.00	550.00	695.00	810.00	695.00	610.00	370.00	130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	103.00
	OF TOPSOIL	IN FILL AREA	AVERAGE		(m)	36.25	32.40	31.90	36.20	38.70	42.50	43.25	41.50	43.75	44.00	40.25	34.50	30.00	28.75	27.50	34.75	40.50	34.75	30.50	18.50	6.50	3.00	00.0	00.0	00.0	00.00	00.0	0.00	5.15
	REMOVAL OF	NI	WIDTH /	 -	(m)	36,00	28.80	35.00	37.40	40.00	45.00	41.50	41.50	46.00	42.00	38,50	30.50	29.50	28.00	27.00	42.50	38,50	31,00	30.00	7,00	6.00								10.30
	2		VOLUME	t=10cm	(m3)	5.40	13.70	13.90	2.90	0.00	0,00	6.50	15.50	9.00	0.00	4 42	4.74	24,50	23.00	21.00	10.50	00.0	0.00	00'0	29,80	61,10	72.80	34.38	52.47	89.00	90.40	90.00	87.00	68.50
			AREA	-	(m2)	54.00	137.00	00.961	29.00	0.00	0.00	65.00	155.00	90.00	0.00	44.19	47.44	245.00	230.00	210.00	105.00	0.00	0.00	0:00	298.00	00.110	728.00	343.84	524.68	890.00	904.00	00.006	870.00	685.00
		IN CUT AREA	AVERAGE		(10)	2.70	6.85	6.95	1.45	00:0	0.00	3.25	7.75	4.50	00.0	3.00	00'6	12.25	11.50	10.50	5.25	0.00	0.00	0.00	14.90	30.55	36.40	42.65	43.95	44.50	45.20	45.00	43.50	34.25
		Z	WIDTH		(III)	2.70	11.00	2.90				6.50	00.6		194 194	6.00	12.00	12.50	10.50	10.50					29.80	31.30	41.50	43.80	44.10		45.50		42.50	26.00
		.	DISTANCE	 		20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20,000	14.729	5.271	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20,000	8,062	11.938	20.000	20.000	20.000	20,000	20.000
COMPUTATION OF VOLUMES MAIN ROAD			STATION			24 + 840.000	24 + 860.000		24 + 900.000	24 + 920.000	24 + 940.000	+	24 + 980.000	25 + 0.000	25 + 20.000	25 + 34.729	25 + 40.000	25 + 60.000	25 + 80.000	25 + 100.000	25 + 120.000	25 + 140.000	25 + 160.000	25 + 180.000	+	+	+	+	+	+	+	+	+	+

		REA)	VOLUME	t=10cm	(m3)																													
		ON (IN CUT AI	AREA	 	(m2)										- 																			
		SIDE-BORROW SECTION (IN CUT AREA)	AVERAGE		(m)																													
		SIDE-BC	WIDTH	 - -	(m)																													
n n Na			VOLUME	t=10cm	(m3)	73.00	75.90	76.30	67.00	58.50	28.50	0.00	0.00	0.00	00.0	00.0	0.00	0.00	00.0	00.0	0.00	00.00	00.00	0.00	0.00	00.00	00.00	0.00	00:00	00:00	00.00	0.00	00.00	00.0
			AREA		(m2)	730.00	759.00	763.00	670.00	585.00	285.00	0:00	000	0.00	0.00	0:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	000	0.00	0.00	0.00	000	0.00	0.00	0.00
	- TOPSOIL	IN FILL AREA	AVERAGE		(11)	36.50	37.95	38.15	33.50	29.25	14.25	0.00	0.00	00.00	00.0	0.00	0.00	0:00	0.00	00:0	0.00	0.00	0:00	0.00	00:00	00.0	00.0	00.00	00.0	0.00	0.00	0.00	00.0	0.00
	REMOVAL OF TOPSOIL	N.	WIDTH /	 - -	(m)	36.60	39.30	37.00	30.00	28.50						-						· · ·												
			VOLUME -	t=10cm	(m3)	12.10	11.10	10.50	11.20	18.50	42.70	62.40	66.00	68.50	70.20	70.20	69.80	20.00	70.50	71.30	72.30	73.50	75.30	77.00	79.20	80.30	80.60	80.40	78.80	76.30	74.10	71.70	67.60	63.40
			AREA		(112)	121.00	111.00	105.00	112.00	185.00	427.00	624.00	660.00	685.00	702.00	702.00	698.00	700.00	705.00	713.00	723.00	735.00	753.00	770.00	792.00	803.00	806.00	804.00	788.00	763.00	741.00	717.00	676.00	634.00
		IN CUT AREA	AVERAGE		(m)	6.05	5,55	5.25	5.60	9.25	21.35	31.20	33.00	34.25	35.10	35,10	34.90	35,00	35.25	35.65	36.15	36.75	37.65	38.50	39.60	40.15	40.30	40.20	39.40	38.15	37.05	35.85	33.80	31.70
		N	WIDTH	· · ·	(m)	6.10	5.00	5.50	5.70	12.80	29.90	32.50	33.50	35.00	35.20	35.00	34.80	35.20	35.30	36.00	36.30	37.20	38.10	38.90	40.30	40.00	40.60	39.80	39.00	37.30	36.80	34.90	32.70	30.70
	I		DISTANCE			20,000	20.000	20.000	20.000	20.000	20.000	20.000	20:000	20.000	20.000	20.000	20.000	20.000	20.000	20:000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
MAIN ROAD			STATION			+ 400.000	+ 420.000	+ 440.000	+ 460.000	+ 480.000	+ 500.000	+ 520.000	+ 540.000	560.000	+	5 + 600.000	5 + 620.000	5 + 640.000	2 + 660.000	5 + 680.000	5 + 700.000	5 + 720.000	5 + 740.000	5 + 760.000	5 + 780.000	+	+	+	5 + 860.000	5 + 880.000	000.006 + 5	5 + 920.000	+	+
MAI			ST			25	ระ	z	25	<u>ک</u> ر	25	ห	25	ຊ	25	ห	25	ร	25	R	25	22	25	ิก	25	25	25	25	ห	ห	ห	ร	52	25

COMPUTATION OF VOLUMES	F VOLUMES	- - 	· · . · . · . · . · . · . · . · . ·	•	·····	· · ·				in _e n 			- - - -
MA(N KUAU						REMOVAL	OF TOPSOIL						
	1		INCUT AREA				IN FILL AREA			SIDE-B	SIDE-BORROW SECTION (IN CUT AREA)	ON (IN CUT /	AREA)
STATION	DISTANCE	WIDTH	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME	WIDTH	AVERAGE	AREA	VOLUME
					t=10cm				1=10cm			• •.	1=10cm
		(m)	(m)	(m2)	(Em3)	(H)	(m)	(1112)	(tin3)	(m)	(iii)	(m2)	(m3)
25 + 980.000	2.839	30.10		85.45	8.55		0.00	0.00	0.00				
+		29.10		592.00	59.20		0000	000	00.0				
	20:000	32.00		611.00	61.10		0.00	0.00	0.00				-
26 + 40.000		40.00	36.00	720.00	· .		0000	0.00	0.00				
	20.000	51.30	45.65	913.00	05.16		00'0	0.00	000				
+		52.30		1.036.00			0:00	000	0.00				
26 + 100,000	20.000	55.80		1,081.00			00'0	000	000				
1		58.10		1,139.00	113.90		00.0	00'0	00.0				
+		58.20		1,163,00	116.30		00:0	00.0	00:0				
+				1,106.00	110.60		0.00	00'0	0.00				
. +				982.00	98.20		0000	0.00	0000				
: +			1 	806.00	80.60		000	0.00	0.00				
			32.80	. 656.00	65.60	30.30	15.15	303.00	30.30				:
+				308.00	30.80	53.50	41.90	838.00	83.80				
26 + 260.000	·		0.00	0.00	00.0	77.80	65.65	1,313,00	131.30				
+			0.00	00.0		08.96	87.30	1.746.00	174.60				
+			00:00	00.0	00.0	108.60	102.70	2,054.00	205.40		-		
Į –			0.00	00.00	0.00	110.90	109.75	2,195.00	219.50				
26 + 340.000	20.000		0000	00.00	00.0	108.20	109.55	2,191.00	219.10				
+			0.00	0.00	00.00	108.40	108.30	2,166.00	216.60				
26 + 380.000	20.000		00.00	0.00	00.0	104.60	106.50	2,130.00	213.00				
+	20.000	3.00	1.50	30.00	3.00	94.80	99.70	1,994.00	199.40				
+	20.000	3.00	3.00	60.00	6.00	82.10	88.45	1,769.00	176.90				
+		3.00	3.00	60.00	6.00	69.30	75.70	1,514.00	151.40				
+			5.85		11.70	52.90	61.10	1,222.00	122.20				
+			5.80	116.00	11.60	41.00	46.95	939.00	93.90				
+			5.95		06.11	35.80	38.40	768.00	76.80				
+					16.80		33.30	666.00	66.60				
+					16.70		27.80	556.00	55.60				
ł													

			(Y)	VOLUME	t=10cm	(m3)												-															-		
· · ·			(IN CUT ARE	AREA	· · ·	(an2)	- - -																					:							
			SIDE-BORROW SECTION (IN CUT AREA)	AVERAGE																															-
			DE-BORRO			(al)			-					-																					
°. • •			SII SII	WIDTH		(III) [-		00	0.00	00	00	00	00	0	0	ļo	0	Q I	0	0	9	0	2	0	0	0	- Q	9	0	0	0	0	0	0	0
				VOLUME	t=10cm	(£m3)	000	0070	0'0	0.00	00'0	000	0.00	00.0	0.00	00.0	5.50	12.00	14.50	17.00	19.50	22.50	12.00	6.00	6.00	0.00	0.00	0.00	00.0	00.0	00.0	0.00	0.00	0.00	00.0
		11 11 - 1		AREA	 - -	(m2)	0.00	000	0:00	0.00	0.00	000	0.00	0.00	0.00	0.00	55.00	120.00	145.00	170.00	195.00	225.00	120.00	60.00	60.00	0.0	0.00	0.00	00.0	00.0	0.00	0.00	0.00	0.00	0.00
а.		OF TOPSOIL	IN FILL AREA	AVERAGE		Ĵ.	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	000	2.75	6.00	7.25	8.50	9.75	11.25	6.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0:00	0.00	0.00	0000
	••••	- REMOVAL O	Ϋ́.	WIDTH		(m)					••••						5.50	6.50	8.00	9.00	10.50	12.00		6.00											
. :				VOLUME	1=10cm	(m3)	70.30	74.50	85.50	95.20	93.50	87.50	83.70	82.00	80.00	77.50	69.50	60.00	55.00	51.50	50.00	47.00	57.50	65.00	64.50	18.05	52.32	75.50	82.50	79.50	72.50	71.00	75.50	80.00	74.50
				AREA		(m2)	703.00	745.00	855.00	952.00	935.00	875.00	837.00	820.00	800.00	775.00	695.00	600.00	550.00	515.00	500.00	470.00	575.00	650.00	645.00	180.50	523.22	755.00	825.00	795.00	725.00	710.00	755.00	800.00	745.00
1			IN CUT AREA	AVERAGE		(iu)		37.25	42.75	47.60	46.75	43.75	41.85	41.00	40.00	38.75	34.75	30.00	27.50	25.75	25.00	23.50	28.75	32.50	32.25	35.00	35.25	37.75	41.25	39.75	36.25	35.50	37.75	40.00	37.25
•			ΥI	WIDTH		(III)	36.00	38.50	47.00	48.20	45.30	42.20	41.50	40.50	39.50	38.00	31.50	28.50	26.50	25.00	25.00	22.00	35.50	29.50	35.00	35.00	35.50	40.00	42.50	37.00	35.50	35.50	40.00	40.00	34.50
VOLUMES				DISTANCE			20,000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	5.157	14.843	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
COMPUTATION OF VOLUMES	DAD	 	 				580.000	600.000	620.000	640.000	660.000	680.000	700.000	720.000	740.000	760.000	780.000	800.000	820.000	840.000	860.000	880.000	000'006	920.000	940.000	945.157	960.000	980.000	0.000	20.000	40,000	60.000	80.000	100.001	120.000
COMPUT	MAIN ROAD		•	STATION			26 +		26 +	26 +	26 +	26 +	26 +	26 +	26 +	26 +	26 +	26 +	26 +	26 +	26 +	26 +	26 +	26 +	26 +	26 +	26 +	26 +	27 +	27 +	27 +	4	27 +		27 +

Northy Neury Network Removal of Topsol. Since and second seco		AREA)	VOLUME	(m3)																	-												
Incurtant Incurtant Incurtant Incurtant Incurtant Instruct Inn Inn Inn Inn Inn Inn Instruct Inn Inn Inn Inn Inn Inn Inn Inn		ION (IN CUT	AREA	(m2)								-																					
INCUTARE INCUTARE REMOVAL OF TOPSOL. INSTANCE WIDTH AVERACE AVELINE NIDTH AVELINE INSTANCE WIDTH AVERACE AVELINE NIDTH AVELINE VOLUNE INSTANCE WIDTH AVERACE AVELINE NIDTH AVERACE AVELINE VOLUNE VOLUNE INSTANCE WIDTH AVERACE AVELINE VOLUNE VOLUNE VOLUNE VOLUNE INSTANCE WIDTH AVERACE AVELINE VOLUNE		DRROW SECT	AVERAGE	(113)	1																												
INCLTAREA REMOVAL OF TOPSOL INCLTAREA NICLTAREA INCLAREA NICLTAREA <tr< td=""><td></td><td>SIDE-B(</td><td>HTUIW</td><td>(m)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<>		SIDE-B(HTUIW	(m)																													
INCUTARE REMOVAL OF TOPSOIL DISTANCE WIDTH AVEAGE AREA VOLUME WIDTH AVERACE AREA 0101 AVEAGE AREA VOLUME WIDTH AVERACE AREA AVERACE AREA 01010 20,000 35.50 33.50 670.00 <			VOLUME	(m3)		0.00	0.00	0.00	0:00	0:00	000	00'0	3.50	8.50	14.00	18.00	18.00	19.00	18.00	15.00	14.00	16.00	13.50	00.6	11.50	20.00	23.00	25.50	31.50	31.50	15.68	16.32	32.50
Image: Field of the f		-	AREA	(m2)		00.0	00.0	00:0	00.0	00:0	00.0	00.00	35.00	85.00	140.00	180.00	180.00	190.00	180.00	150.00	140.00	160.00	135.00	00.06	115.00	200.00	230.00	255.00	315.00	315.00	156.80	163.20	325.00
Invertie	F TOPSOIL	FILL AREA	AVERAGE	(iii)	000	00.0	00.0	0.00	0.00	0.00	0.00	00.0	1.75	4.25	7.00	9.00	00.6	9.50	9.00	7.50	7.00	8.00	6.75	4.50	5.75	10.00	11.50	12.75	15.75	15.75	16.00	16.00	16.25
IN CUT AREA VOLUMIE DISTANCE WIDTH AVERAGE AREA VOLUMIE MINU MINU AVERAGE AREA VOLUMIE MINU MINU MINU AVERAGE AREA VOLUMIE MINU MINU MINU AREA VOLUMIE Image MINU MINU MINU MINU AREA VOLUMIE MINU MINU MINU MINU MINU Image Image MINU MINU MINU MINU MINU MINU Image MINU MINU MINU MINU MINU MINU Image MINU MINU MINU MINU MINU Image Image <tr< td=""><td>EMOVAL O</td><td>N</td><td></td><td>(u)</td><td>, , ,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.50</td><td>5.00</td><td>00.6</td><td>9.00</td><td>00.6</td><td>10.00</td><td>8.00</td><td>7.00</td><td>1.00</td><td>00.6</td><td>4.50</td><td>4.50</td><td>00.1</td><td>13.00</td><td>10.00</td><td>15.50</td><td>16.00</td><td>15.50</td><td>16.50</td><td>15.50</td><td>17.00</td></tr<>	EMOVAL O	N		(u)	, , ,								3.50	5.00	00.6	9.00	00.6	10.00	8.00	7.00	1.00	00.6	4.50	4.50	00.1	13.00	10.00	15.50	16.00	15.50	16.50	15.50	17.00
IN CUT AREA AIN CUT AREA DISTANCE WIDTH AVERAGE AR 7(M) 20,000 35.50 33.60 (m) 7(M) 20,000 35.50 34.50 35.00 (m) 7(M) 20,000 35.50 34.50 35.60 34.50 (m) (m) 7000 20,000 35.50 34.50 35.60 34.50 35.60 34.50 (m) (m) 7000 20,000 35.50 34.50 35.60 34.50 35.60 37.50 32.40 (m) (m) (m) 7000 20,000 32.00 32.50 34.50 32.50 34.50 37.50 </td <td>Я</td> <td></td> <td>VOLUME</td> <td>(m3)</td> <td>64.00</td> <td>67.00</td> <td>70.00</td> <td>68.00</td> <td>00.69</td> <td>67.80</td> <td>64,80</td> <td>65.50</td> <td>63.00</td> <td>58.00</td> <td>52.50</td> <td>51.00</td> <td>52.00</td> <td>50.50</td> <td>50.50</td> <td>53.00</td> <td>56.00</td> <td>57.00</td> <td>63.00</td> <td>69.50</td> <td>67.00</td> <td>58.50</td> <td>55.00</td> <td>50.00</td> <td>43.00</td> <td>42.50</td> <td>20.33</td> <td>21.42</td> <td>41.00</td>	Я		VOLUME	(m3)	64.00	67.00	70.00	68.00	00.69	67.80	64,80	65.50	63.00	58.00	52.50	51.00	52.00	50.50	50.50	53.00	56.00	57.00	63.00	69.50	67.00	58.50	55.00	50.00	43.00	42.50	20.33	21.42	41.00
DISTANCE WIDTH AVER 0,000 20,000 31.50 (m) 0,000 20,000 35.50 (m) 0,000 20,000 35.50 (m) 0,000 20,000 35.50 (m) 0,000 20,000 34.50 (m) 0,000 20,000 35.50 35.50 0,000 20,000 32.50 35.50 0,000 20,000 32.50 35.60 0,000 20,000 32.50 35.60 0,000 20,000 32.50 35.60 0,000 20,000 24.50 35.60 0,000 20,000 25.50 35.60 0,000 20,000 25.50 35.60 0,000 20,000 25.50 35.60 0,000 20,000 25.50 35.60 0,000 20,000 25.50 35.60 0,000 20,000 25.50 35.60 0,000 20,000			AREA	(m2)	040.046	670.00	700.00	680.00	690.00	678.00	648.00	655.00	630.00	580.00	525.00	510.00	520.00	505.00	505.00	530.00	560.00	570.00	630.00	695.00	670.00	585.00	550.00	500.00	430.00	425.00	203.35	214.20	410.00
DISTANCE WIDTH 0.000 20.000 31.50 0.000 20.000 35.50 0.000 20.000 35.50 0.000 20.000 35.50 0.000 20.000 35.50 0.000 20.000 35.50 0.000 20.000 35.50 0.000 20.000 35.50 0.000 20.000 32.50 0.000 20.000 32.50 0.000 20.000 32.50 0.000 20.000 24.50 0.000 20.000 24.50 0.000 20.000 25.50 0.000 20.000 24.50 0.000 20.000 24.50 0.000 20.000 24.50 0.000 20.000 24.50 0.000 20.000 24.50 0.000 20.000 24.50 0.000 20.000 24.50 0.000 20.000 21.50 <		CUT AREA	AVERAGE	(m)	32.00	33.50	35.00	34.00	34.50	33.90	32.40	32.75	31.50	29.00	26.25	25.50	26.00	25.25	25.25	26.50	28.00	28.50	31.50	34.75	33.50	29.25	27.50	25.00	21.50	21.25	20.75	21.00	20.50
DISTA DISTA		4		(ii)	31.50	35.50	34.50	33.50	35.50	32.30	32.50	33.00	30.00	28.00	24.50	26.50	25.50	25.00	25.50	27.50	28.50	28.50	34.50	35.00	32.00	26.50	28.50	21.50	21.50	21.00	20.50	21.50	19.50
5000000000000000000000000000000000000			DISTANCE			20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	9.800	10.200	20.000
STATION STATION <td< td=""><td></td><td></td><td>STATION</td><td></td><td></td><td></td><td></td><td></td><td></td><td>+</td><td>.+</td><td>+</td><td>+ 320.000</td><td></td><td>7 + 360.000</td><td>/ + 380.000</td><td>+</td><td></td><td></td><td></td><td>+</td><td>+</td><td></td><td></td><td></td><td>4</td><td>÷</td><td></td><td>+</td><td>+</td><td>+</td><td></td><td>27 + 700.000</td></td<>			STATION							+	.+	+	+ 320.000		7 + 360.000	/ + 380.000	+				+	+				4	÷		+	+	+		27 + 700.000

UT AREA	IN CUT AREA	IN CUT AREA
VERAGE AREA VOLUME	AVERAGE AREA	AREA
(m) (m2) (m3)	(m) (m2)	(m2)
75 355.00	17.75 355.00	75 355.00
17.50 350.00 35.00	17.50 350.00	350.00
19.25 385.00 38.50	19.25 385.00	385.00
21.75 435.00 43.50	21.75 435.00	435.00
28.00 560.00 56.00	28.00 560.00	560.00
32.50 318.50 31.85	32.50 318.50	318.50
33.50 341.70 34.17	33.50 341.70	341.70
35.50 710.00 71.00	35.50 710,00	710.00
41.25 825,00 82.50	41.25 825,00	825,00
44.50 890.00 89.00	44.50 890.00	43.50 44.50 890.00
855.00	42.75 855.00	42.75 855.00
42.00 840.00 84.00	42.00 840.00	42.00 840.00
41.75 835.00 835.00	41.75 835,00	835.00
40.00 800.00 80.00	40.00 800.00	800.00
37.25 745.00 74.50	37.25 745.00	745.00
35.75 715.00 71.50	35.75 715.00	715,00
34.00 680.00 68.00	34.00 680.00	680.00
26.50 530.00 53.00	26.50 530.00	530.00
19.40 388,00 38.80	19.40 388,00	388,00
20.40 408.00 40.80	20.40 408.00	408.00
19.00 380.00 38.00	19.00 380.00	380.00
15.50 0.00 0.00	15.50 0.00	0.00
17.35 347.00 34.70	17.35 347.00	347.00
19.15 383.00 38.30	19.15 383.00	383.00
18.80 376.00 37.60	18.80 376.00	18.50 18.80 376.00
18.50 370.00 37.00	18.50 370.00	18.50 18.50 370.00
10.35 207.00 20.70	10.35 207,00	2.20 10.35 207.00
9.13 182.50 18.25	9.13 182.50	16.05 9.13 182.50
16.05 65,23	16.05	16.05 16.05
15 52 0.00		

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		EA)	VOLUME	t=10cm	(m3)													697.52
		N (IN CUT AR	AREA		(210)							 			:1			6,975.18
		SIDE-BORROW SECTION (IN CUT AREA)	AVERAGE		(m)										: 			
		SIDE-BOR	WIDTH A		(m)													
			VOLUME	t=10cm	(Em3)	12.75	16.50	8.30	11.04	36.00	31.20	0.00	13.65	39.30	19.80	0.00	0.00	35,803.06
			AREA		(m2)	127.49	165.00	83.03	110.37	360.00	312.00	00:0	136.50	393.00	198.00	00'0	00.0	358,030.64
	TOPSOIL	IN FILL AREA	AVERAGE		(in)	8.00	8.25	8.75	10.50	18.00	24.00	21.75	19.50	19.65	06.6	0.00	0:00	
	REMOVAL OF TOPSOIL	I NI	WIDTH A		(m)	8.00	8.50	9.00	12.00	24.00	24.00	19.50	19.50	19.80				
	8		VOLUME	t=10cm	(m3)	23.90	29.00	12.81	12.09	10.00	00.00	00.00	0.00	3.00	24.50	65.50	47.45	54,574.95
			AREA		(m2)	239.04	290.00	128.10	120.88	100.00	0.00	0:00	0.00	30.00	245.00	655.00	474.51	545,749.54
		IN CUT AREA	AVERAGE		(m)	15.00	14.50	13.50	11.50	5.00	0.00	0.00	0.00	1.50	12.25	32.75	29.50	
		INC	WIDTH A'		(m)	15.00	14.00	13.00	10.00					3.00	21.50	44.00	15.00	
OLUMES			DISTANCE			15.936	20.000	9,489	10.511	20.000	13.000	0.000	1.000	20.000	20.000	20.000	16.085	28600.960
COMPUTATION OF VOLUMES MAIN ROAD		-				260,000	280.000	289.489	300.000	28 + 320.000	333.000	333.000	340.000	360.000	380.000	400.000	416.085	
COMPUTATI MAIN ROAD			STATION				28 +	28 +	28 +	28 +	28 +	28 +	28 +	28 +	28 +	28 +	28 +	Total
		 1413		•	1*		•				. *				•	1.2	54	ł

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COMPUTATION OF VOLUMES UNURU MONUMENT JUNCTION A Slip Road

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				EMOVAL OF	TOPSOIL	· · · ·	· · · · · · · · · · · · · · · · · · ·		
			N FILL AREA				IN CUT AREA		
STATION	DISTANCE	WIDTH	AVERAGE	AREA	VOLUME t=10cm	WIDTH	AVERAGE	AREA	VOLUME t=10cm
		(m)	(m)	<u>(m2)</u>	(m3)	(m)	(m)	(m2)	(m3)
0 + 140.000		11.50				3.50			
0 + 160,000		11.70		232.00	23.20	2.50	3.00	60.00	6.
0 + 180.000	20.00	12.80	12.25	245.00	24.50	3.50	3.00	60.00	6.
0 + 200,000	20.00	12.90	12.85	257.00	25.70	3.30		68.00	6.
0 + 216.569	16.57	12.90	12.90	213.74	21.37	3.50		56.33	5.
0 + 220.000		12.90	12.90	44.26	4.43	3.40	3.45	11.84	1.
0 + 240.000		13.80	13.35	267.00	26.70	3.00		64.00	6.4
0 + 260.000	20.00	5.80	9.80	196.00	19.60	12.00		150.00	15.
0 + 280.000	20.00	2.00		78.00	7.80	16.70		287.00	28.3
0 + 300.000	20.00		1.00	20.00	2.00	19.60		363.00	36.
0 + 320.000 0 + 340.000	20.00 20.00					20,20	<u>19.90</u> 20.50	<u> </u>	<u> </u>
<u>0 + 340.000</u> 0 + 360.000	20.00					<u>20.80</u> 20.70		415.00	41.
0 + 373.729	13,73					20.70		296.55	29.0
0 + 380.000			·····			23.90		145.49	14.:
0 + 403.150	23.15					23,90		553.28	55.
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COMPUTATION OF VOLUMES UHURU MONUMENT JUNCTION B Slip Road

	e production de la companya de la co		······································	IN FILL AREA	REMOVAL OF	TOFSOIL				
	STATION	DISTANCE		AVERAGE	AREA	VOLUME t=10cm	WIDTH	IN CUT AREA AVERAGE	AREA	VOLUME
			(m)	(m)	(m2)	(m3)	(m)		(t=10cm
F	0 + 100.000	· · · · · · · · · · · · · · · · · · ·	15.40		(112)	(113)	(0)	(m)	<u>(m2)</u>	<u>(m3)</u>
F	0 + 120.000				329.00	32.90	· · · · · · · · · · · · · · · · · · ·			
F	0 + 140.000				331.00					
ŀ	0 + 160.000	1			302.00		· · · · · · · · · · · · · · · · · · ·			
Ē	0 + 180,000				308.00	30.80				······
ſ	0 + 200.000				314.00					
ľ	0 + 220.000	20.00	14.30	14.75	295.00					· · · · · ·
	0 + 227.794	7.79	12.10	13.20	102.88	10.29	1.10	0.55	4.29	0.
Ľ	0 + 240.000	12.21	11.80	11.95	145.86	14.59	2.40	1.75	21,36	2.
E	0 + 260.000	20.00	9.30	10.55	211.00	21.10	4.20	3.30	66.00	6.
Γ	0 + 280.000	20.00		4.65	93.00	9.30	26.50		307.00	30.
Γ	0 + 317.250	37.25								
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ſ	Total	[2431.74	243.17			398.65	39

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