



**GOBIERNO DE CHILE**

**MINISTERIO DE OBRAS PÚBLICAS  
DIRECCION GENERAL DE OBRAS PÚBLICAS  
DIRECCION DE VIALIDAD  
COORDINACION DE CONCESIONES DE OBRAS PÚBLICAS**

**PROYECTO DE INGENIERIA  
RUTA 25**

**INICIATIVA PRIVADA Nº 285:  
CONCESION VIAL RUTAS DEL LOA  
REGION DE ANTOFAGASTA**



**VOLUMEN 2: INGENIERÍA BÁSICA  
TOMO 6: DIAGNÓSTICO DE PAVIMENTOS - ANEXO C  
REVISIÓN A  
R25-V2.IB-T6-AN003-RA  
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### REVISIÓN A

**R25-V2.IB-T6-AN003-RA**

**PROYECTO**  
**CONCESIÓN RUTAS DEL LOA**  
**RUTA 25**

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## 1. Espesores de Capas - Ruta 25

Tramo		Espesores Capas (cm)			
De	A	Pista 1		Pista 2	
m	m	Asfálticas	Granulares	Asfálticas	Granulares
0	50	10.8	21.3		
50	100	10.7	21.3		
100	150	10.7	21.4		
150	200	10.8	21.3		
200	250	10.8	21.3		
250	300	10.7	21.4		
300	350	10.8	21.2		
350	400	10.7	21.4	10.7	21.1
400	450	10.7	21.4	10.7	21.1
450	500	10.8	21.3	10.7	21.1
500	550	10.9	21.3	10.7	21.4
550	600	10.8	21.3	10.7	21.3
600	650	10.7	21.4	10.7	21.3
650	700	10.8	21.3	10.7	21.1
700	750	10.8	21.2	10.7	21.1
750	800	10.7	21.3	10.7	21.2
800	850	10.6	21.4	10.7	21.1
850	900	10.6	21.4	10.7	21.2
900	950	10.7	21.4	10.7	21.1
950	1000	10.9	21.3	10.7	21.1
1000	1050	10.9	21.3	10.7	21.1
1050	1100	10.7	21.4	10.7	21.2
1100	1150	10.8	21.3	10.7	21.1
1150	1200	10.7	21.4	10.7	21.1
1200	1250	10.8	21.3	10.7	21.2
1250	1300	10.8	21.3	10.7	21.2
1300	1350	10.8	21.2	10.7	21.2
1350	1400	10.8	21.2	10.7	21.2
1400	1450	10.7	21.3	10.7	21.2
1450	1500	10.6	21.4	10.7	21.3
1500	1550	10.6	21.4	10.7	21.2
1550	1600	10.7	21.4	10.7	21.2
1600	1650	10.8	21.4	10.7	21.2
1650	1700	10.8	21.4	10.7	21.2
1700	1750	10.9	21.3	10.7	21.2
1750	1800	10.9	21.3	10.7	21.3
1800	1850	10.9	21.3	10.7	21.3
1850	1900	10.8	21.3	10.7	21.2
1900	1950	10.8	21.3	10.7	21.2
1950	2000	10.7	21.3	10.7	21.2
2000	2050	10.7	21.3	10.7	21.2
2050	2100	10.7	21.3	10.7	21.2
2100	2150	10.8	21.3	10.7	21.2
2150	2200	10.8	21.3	10.7	21.2
2200	2250	10.8	21.2	10.7	21.2
2250	2300	10.8	21.2	10.7	21.2
2300	2350	10.9	21.2	10.7	21.2
2350	2400	10.9	21.2	10.7	21.3
2400	2450	10.8	21.2	10.7	21.3
2450	2500	10.8	21.2	10.7	21.3
2500	2550	10.7	21.3	10.7	21.3
2550	2600	10.7	21.3	10.7	21.3



Tramo		Espesores Capas (cm)			
2600	2650	10.6	21.4	10.7	21.2
2650	2700	10.6	21.4	10.7	21.2
2700	2750	10.6	21.4	10.7	21.2
2750	2800	10.6	21.4	10.7	21.3
2800	2850	10.7	21.4	10.6	21.2
2850	2900	10.7	21.4	10.6	21.3
2900	2950	10.8	21.4	10.7	21.3
2950	3000	10.8	21.4	10.7	21.3
3000	3050	10.8	21.4	10.7	21.3
3050	3100	10.9	21.4	10.7	21.3
3100	3150	10.9	21.4	10.7	21.3
3150	3200	10.9	21.4	10.7	21.3
3200	3250	10.9	21.4	10.7	21.1
3250	3300	10.9	21.4	10.7	21.1
3300	3350	10.9	21.3	10.8	21.1
3350	3400	10.9	21.3	10.8	21.0
3400	3450	10.8	21.3	10.9	21.1
3450	3500	10.8	21.3	10.8	21.0
3500	3550	10.8	21.3	10.8	21.2
3550	3600	10.8	21.3	10.9	21.1
3600	3650	10.8	21.3	10.8	21.1
3650	3700	10.7	21.3	10.8	21.1
3700	3750	10.8	21.3	10.9	21.0
3750	3800	10.8	21.3	10.9	21.0
3800	3850	10.8	21.3	10.8	21.1
3850	3900	10.8	21.3	10.8	21.1
3900	3950	10.8	21.3	10.8	21.2
3950	4000	10.8	21.3	10.8	21.2
4000	4050	10.8	21.3	10.8	21.1
4050	4100	10.8	21.3	10.8	21.2
4100	4150	10.8	21.3	10.8	21.3
4150	4200	10.8	21.2	10.8	21.2
4200	4250	10.8	21.2	10.8	21.2
4250	4300	10.8	21.2	10.8	21.2
4300	4350	10.8	21.2	10.8	21.2
4350	4400	10.9	21.2	10.8	21.1
4400	4450	10.9	21.2	10.8	21.2
4450	4500	10.9	21.2	10.8	21.2
4500	4550	10.9	21.2	10.8	21.1
4550	4600	10.9	21.2	10.8	21.2
4600	4650	10.9	21.2	10.8	21.2
4650	4700	10.9	21.2	10.8	21.3
4700	4750	10.9	21.2	10.8	21.2
4750	4800	10.9	21.2	10.8	21.1
4800	4850	10.9	21.2	10.8	21.1
4850	4900	10.8	21.2	10.8	21.1
4900	4950	10.7	21.3	10.8	21.0
4950	5000	10.7	21.3	10.8	21.1
5000	5050	10.7	21.3	10.8	21.2
5050	5100	10.7	21.3	10.8	21.2
5100	5150	10.7	21.3	10.8	21.1
5150	5200	10.7	21.3	10.8	21.1
5200	5250	10.7	21.3	10.8	21.0
5250	5300	10.6	21.4	10.8	21.0
5300	5350	10.6	21.4	10.8	21.1
5350	5400	10.6	21.4	10.8	21.1
5400	5450	10.6	21.4	10.8	21.1

Tramo		Espesores Capas (cm)			
5450	5500	10.6	21.4	10.8	21.1
5500	5550	10.7	21.4	10.9	21.2
5550	5600	10.7	21.4	10.9	21.2
5600	5650	10.7	21.4	10.9	21.2
5650	5700	10.7	21.4	10.9	21.2
5700	5750	10.7	21.4	10.9	21.1
5750	5800	10.7	21.4	10.9	21.1
5800	5850	10.7	21.4	10.9	21.1
5850	5900	10.7	21.4	10.9	21.2
5900	5950	10.7	21.4	10.8	21.2
5950	6000	10.8	21.4	10.8	21.1
6000	6050	10.8	21.4	10.9	21.2
6050	6100	10.8	21.4	10.9	21.2
6100	6150	10.8	21.4	10.9	21.2
6150	6200	10.8	21.4	10.8	21.2
6200	6250	10.8	21.4	10.9	21.2
6250	6300	10.8	21.4	10.9	21.2
6300	6350	10.8	21.4	10.9	21.3
6350	6400	10.8	21.4	10.9	21.3
6400	6450	10.8	21.4	10.9	21.3
6450	6500	10.9	21.4	10.9	21.3
6500	6550	10.9	21.4	10.9	21.3
6550	6600	10.9	21.4	10.9	21.3
6600	6650	10.9	21.4	10.8	21.2
6650	6700	10.9	21.4	10.9	21.2
6700	6750	10.9	21.3	10.9	21.1
6750	6800	10.9	21.3	10.9	21.2
6800	6850	10.9	21.3	10.9	21.4
6850	6900	10.9	21.3	10.9	21.3
6900	6950	10.9	21.3	10.9	21.3
6950	7000	10.9	21.3	10.9	21.3
7000	7050	10.9	21.3	10.9	21.3
7050	7100	10.9	21.4	10.9	21.2
7100	7150	10.9	21.3	10.9	21.2
7150	7200	10.9	21.3	10.9	21.2
7200	7250	10.9	21.3	10.9	21.2
7250	7300	10.9	21.3	10.9	21.2
7300	7350	10.9	21.3	10.9	21.2
7350	7400	10.9	21.3	10.9	21.3
7400	7450	10.8	21.3	10.9	21.3
7450	7500	10.8	21.3	10.9	21.3
7500	7550	10.9	21.3	10.9	21.2
7550	7600	10.9	21.3	10.9	21.3
7600	7650	10.9	21.3	10.9	21.3
7650	7700	10.9	21.3	10.9	21.3
7700	7750	10.9	21.3	10.9	21.2
7750	7800	10.9	21.3	10.9	21.2
7800	7850	10.8	21.3	10.9	21.2
7850	7900	10.8	21.3	10.9	21.1
7900	7950	10.8	21.3	10.9	21.1
7950	8000	10.8	21.3	10.9	21.2
8000	8050	10.8	21.3	10.8	21.1
8050	8100	10.8	21.3	10.8	21.2
8100	8150	10.7	21.3	10.8	21.1
8150	8200	10.8	21.3	10.8	21.3
8200	8250	10.8	21.3	10.8	21.2
8250	8300	10.8	21.3	10.8	21.1

Tramo		Espesores Capas (cm)			
8300	8350	10.8	21.3	10.8	21.2
8350	8400	10.7	21.3	10.7	21.2
8400	8450	10.7	21.3	10.7	21.2
8450	8500	10.8	21.3	10.7	21.3
8500	8550	10.8	21.3	10.7	21.3
8550	8600	10.7	21.3	10.7	21.3
8600	8650	10.8	21.3	10.7	21.3
8650	8700	10.7	21.3	10.6	21.3
8700	8750	10.7	21.3	10.6	21.3
8750	8800	10.7	21.3	10.6	21.4
8800	8850	10.7	21.3	10.7	21.3
8850	8900	10.8	21.3	10.7	21.3
8900	8950	10.8	21.3	10.7	21.3
8950	9000	10.8	21.3	10.7	21.3
9000	9050	10.8	21.3	10.8	21.3
9050	9100	10.8	21.3	10.8	21.2
9100	9150	10.8	21.3	10.8	21.2
9150	9200	10.8	21.3	10.8	21.2
9200	9250	10.8	21.3	10.7	21.3
9250	9300	10.8	21.3	10.8	21.3
9300	9350	10.8	21.3	10.8	21.0
9350	9400	10.8	21.3	10.7	21.3
9400	9450	10.8	21.3	10.7	21.2
9450	9500	10.8	21.2	10.7	21.2
9500	9550	10.8	21.3	10.7	21.2
9550	9600	10.8	21.3	10.8	21.2
9600	9650	10.8	21.2	10.9	21.2
9650	9700	10.8	21.3	10.9	21.1
9700	9750	10.8	21.2	10.9	21.2
9750	9800	10.8	21.2	10.8	21.2
9800	9850	10.8	21.2	10.7	21.2
9850	9900	10.8	21.2	10.7	21.3
9900	9950	10.8	21.3	10.8	21.3
9950	10000	10.8	21.3	10.7	21.4
10000	10050	9.0	19.1	10.7	21.2
10050	10100	9.0	19.0	10.8	21.2
10100	10150	9.0	19.0	10.8	21.2
10150	10200	8.9	19.2	10.8	21.2
10200	10250	8.9	19.1	10.8	21.2
10250	10300	9.0	19.1	10.8	21.2
10300	10350	9.0	19.1	10.8	21.2
10350	10400	9.0	19.1	10.8	21.2
10400	10450	9.0	19.1	10.8	21.2
10450	10500	8.9	19.1	10.8	21.2
10500	10550	9.0	19.1	10.8	21.2
10550	10600	9.0	19.1	10.8	21.2
10600	10650	9.0	19.0	10.8	21.2
10650	10700	9.0	19.0	10.8	21.2
10700	10750	9.1	19.0	10.7	21.2
10750	10800	9.0	19.0	10.7	21.2
10800	10850	9.1	19.0	10.7	21.2
10850	10900	9.0	19.0	10.7	21.3
10900	10950	9.0	19.0	10.7	21.4
10950	11000	9.0	19.1	10.7	21.3
11000	11050	8.9	19.1	10.7	21.3
11050	11100	8.8	19.2	10.7	21.3
11100	11150	8.9	19.2	10.7	21.3

Tramo		Espesores Capas (cm)			
11150	11200	8.8	19.3	10.7	21.3
11200	11250	8.8	19.2	10.7	21.3
11250	11300	8.8	19.2	10.7	21.3
11300	11350	8.9	19.2	10.7	21.3
11350	11400	8.9	19.2	10.7	21.3
11400	11450	8.9	19.2	10.7	21.3
11450	11500	8.9	19.2	10.7	21.2
11500	11550	8.9	19.1	10.7	21.3
11550	11600	8.9	19.2	10.7	21.3
11600	11650	8.9	19.2	10.7	21.3
11650	11700	8.9	19.2	10.7	21.3
11700	11750	8.9	19.1	10.7	21.3
11750	11800	8.9	19.1	10.7	21.4
11800	11850	9.0	19.2	10.7	21.4
11850	11900	8.9	19.1	10.7	21.4
11900	11950	9.0	19.1	10.7	21.4
11950	12000	9.0	19.1	10.7	21.3
12000	12050	9.0	19.1	10.7	21.3
12050	12100	9.0	19.1	10.7	21.3
12100	12150	9.0	19.1	10.7	21.3
12150	12200	9.0	19.1	10.7	21.4
12200	12250	9.0	19.1	10.7	21.4
12250	12300	9.0	19.1	10.7	21.4
12300	12350	9.0	19.1	10.7	21.3
12350	12400	9.1	19.1	10.7	21.3
12400	12450	9.0	19.1	10.7	21.3
12450	12500	9.0	19.1	10.7	21.3
12500	12550	9.0	19.1	10.7	21.3
12550	12600	9.0	19.1	10.7	21.3
12600	12650	9.0	19.1	10.7	21.3
12650	12700	9.0	19.1	10.7	21.3
12700	12750	9.0	19.1	10.7	21.3
12750	12800	9.0	19.1	10.7	21.3
12800	12850	9.0	19.1	10.7	21.2
12850	12900	9.0	19.1	10.7	21.2
12900	12950	9.1	19.1	10.7	21.3
12950	13000	9.0	19.1	10.7	21.2
13000	13050	9.0	19.1	10.7	21.2
13050	13100	9.0	19.1	10.7	21.2
13100	13150	9.0	19.1	10.7	21.3
13150	13200	9.0	19.1	10.7	21.2
13200	13250	9.0	19.1	10.8	21.2
13250	13300	9.0	19.1	10.8	21.2
13300	13350	9.0	19.1	10.7	21.2
13350	13400	9.0	19.1	10.7	21.2
13400	13450	9.0	19.1	10.7	21.2
13450	13500	8.9	19.1	10.7	21.2
13500	13550	8.9	19.1	10.7	21.3
13550	13600	8.9	19.1	10.7	21.3
13600	13650	8.9	19.1	10.8	21.2
13650	13700	8.9	19.1	10.8	21.2
13700	13750	8.9	19.1	10.8	21.2
13750	13800	8.9	19.1	10.8	21.2
13800	13850	8.9	19.1	10.8	21.3
13850	13900	8.9	19.1	10.8	21.2
13900	13950	8.9	19.1	10.8	21.2
13950	14000	8.9	19.1	10.8	21.3

Tramo		Espesores Capas (cm)			
14000	14050	8.9	19.1	10.8	21.2
14050	14100	8.9	19.1	10.8	21.3
14100	14150	8.9	19.1	10.8	21.2
14150	14200	8.9	19.1	10.8	21.2
14200	14250	8.9	19.1	10.8	21.2
14250	14300	9.0	19.1	10.8	21.2
14300	14350	9.0	19.1	10.8	21.3
14350	14400	9.0	19.1	10.9	21.2
14400	14450	9.0	19.1	10.8	21.1
14450	14500	8.9	19.1	10.9	21.2
14500	14550	8.9	19.1	10.9	21.2
14550	14600	8.9	19.1	10.8	21.2
14600	14650	9.0	19.1	10.8	21.2
14650	14700	9.0	19.1	10.8	21.2
14700	14750	9.0	19.1	10.9	21.3
14750	14800	9.0	19.1	10.9	21.2
14800	14850	9.0	19.1	10.9	21.3
14850	14900	9.0	19.1	10.8	21.2
14900	14950	9.0	19.1	10.8	21.2
14950	15000	9.0	19.1	10.8	21.2
15000	15050	9.0	19.1	10.8	21.2
15050	15100	9.0	19.1	10.9	21.2
15100	15150	9.0	19.0	10.9	21.1
15150	15200	9.0	19.0	10.9	21.2
15200	15250	9.0	19.0	10.9	21.2
15250	15300	9.0	19.0	10.9	21.2
15300	15350	9.0	19.0	10.9	21.3
15350	15400	9.0	19.0	10.9	21.3
15400	15450	9.0	19.0	10.9	21.3
15450	15500	9.0	19.0	10.9	21.3
15500	15550	9.0	19.0	10.9	21.2
15550	15600	9.0	19.0	10.9	21.2
15600	15650	9.0	19.0	10.9	21.2
15650	15700	9.0	19.0	10.9	21.2
15700	15750	9.0	19.0	10.9	21.2
15750	15800	9.0	19.0	10.9	21.2
15800	15850	9.0	19.0	10.9	21.2
15850	15900	9.0	19.0	10.9	21.3
15900	15950	9.0	19.0	10.9	21.2
15950	16000	9.0	19.0	10.9	21.2
16000	16050	9.0	19.0	10.9	21.2
16050	16100	9.1	19.0	10.9	21.2
16100	16150	9.0	19.0	10.9	21.2
16150	16200	9.1	19.0	10.9	21.2
16200	16250	9.1	19.0	10.9	21.3
16250	16300	9.1	19.0	10.9	21.3
16300	16350	9.1	19.0	10.9	21.3
16350	16400	9.1	19.0	10.9	21.2
16400	16450	9.0	19.0	10.9	21.3
16450	16500	9.1	19.0	10.9	21.2
16500	16550	9.0	19.0	10.9	21.3
16550	16600	9.1	19.0	10.9	21.3
16600	16650	9.0	19.0	10.9	21.3
16650	16700	9.0	19.0	10.9	21.3
16700	16750	9.0	19.0	10.9	21.2
16750	16800	9.0	19.0	10.9	21.2
16800	16850	9.0	19.0	10.9	21.3

Tramo		Espesores Capas (cm)			
16850	16900	9.0	19.0	10.9	21.2
16900	16950	9.0	19.0	10.8	21.2
16950	17000	9.0	19.0	10.9	21.3
17000	17050	9.0	19.0	10.8	21.3
17050	17100	9.0	19.0	10.8	21.3
17100	17150	9.0	19.0	10.8	21.3
17150	17200	9.0	19.0	10.8	21.3
17200	17250	9.0	19.0	10.8	21.3
17250	17300	9.0	19.0	10.7	21.3
17300	17350	9.0	19.0	10.7	21.4
17350	17400	9.0	19.0	10.7	21.3
17400	17450	9.0	19.0	10.7	21.3
17450	17500	9.0	19.0	10.6	21.4
17500	17550	9.0	19.0	10.6	21.3
17550	17600	9.0	19.0	10.6	21.3
17600	17650	9.0	19.0	10.6	21.3
17650	17700	9.0	19.0	10.6	21.3
17700	17750	9.0	19.0	10.7	21.3
17750	17800	9.0	19.0	10.7	21.3
17800	17850	9.0	19.0	10.7	21.3
17850	17900	9.0	19.0	10.8	21.2
17900	17950	9.1	19.0	10.8	21.2
17950	18000	9.0	19.0	10.8	21.2
18000	18050	9.0	19.0	10.8	21.2
18050	18100	9.1	19.0	10.8	21.2
18100	18150	9.0	19.0	10.8	21.3
18150	18200	9.1	19.0	10.7	21.3
18200	18250	9.1	19.0	10.7	21.3
18250	18300	9.1	19.0	10.7	21.4
18300	18350	9.1	19.0	10.7	21.4
18350	18400	9.1	19.0	10.7	21.3
18400	18450	9.1	19.0	10.7	21.3
18450	18500	9.0	19.0	10.8	21.3
18500	18550	9.1	19.0	10.8	21.1
18550	18600	9.1	19.0	10.7	21.3
18600	18650	9.1	19.0	10.7	21.4
18650	18700	9.1	19.0	10.8	21.3
18700	18750	9.0	19.0	10.9	21.2
18750	18800	9.0	19.0	10.9	21.2
18800	18850	9.1	19.0	10.9	21.2
18850	18900	9.0	19.0	10.9	21.2
18900	18950	9.0	19.0	10.8	21.2
18950	19000	9.1	19.0	10.8	21.2
19000	19050	9.1	19.0	10.7	21.3
19050	19100	9.0	19.0	10.6	21.3
19100	19150	9.0	19.1	10.6	21.2
19150	19200	9.0	19.1	10.7	21.2
19200	19250	9.0	19.1	10.8	21.1
19250	19300	9.0	19.1	10.8	21.2
19300	19350	9.0	19.1	10.7	21.2
19350	19400	9.1	19.1	10.7	21.2
19400	19450	9.0	19.0	10.6	21.2
19450	19500	9.0	19.1	10.7	21.2
19500	19550	9.0	19.0	10.8	21.2
19550	19600	9.0	19.1	10.9	21.2
19600	19650	9.0	19.1	10.9	21.2
19650	19700	9.0	19.1	10.8	21.2

Tramo		Espesores Capas (cm)			
19700	19750	9.0	19.1	10.6	21.2
19750	19800	9.0	19.1	10.7	21.1
19800	19850	9.0	19.1	10.7	21.2
19850	19900	9.0	19.1	10.7	21.3
19900	19950	9.0	19.1	10.8	21.2
19950	20000	9.0	19.0	10.8	21.3
20000	20050	10.9	21.2	10.5	15.8
20050	20100	10.9	21.2	10.5	15.9
20100	20150	10.8	21.2	10.5	16.0
20150	20200	10.8	21.3	10.6	16.1
20200	20250	10.7	21.3	10.6	16.3
20250	20300	10.7	21.4	10.6	16.4
20300	20350	10.7	21.4	10.6	16.5
20350	20400	10.7	21.4	10.6	16.7
20400	20450	10.7	21.4	10.6	16.8
20450	20500	10.7	21.4	10.6	16.9
20500	20550	10.8	21.4	10.6	17.0
20550	20600	10.8	21.4	10.6	17.2
20600	20650	10.8	21.4	10.6	17.3
20650	20700	10.8	21.4	10.6	17.4
20700	20750	10.9	21.3	10.6	17.6
20750	20800	10.9	21.3	10.6	17.7
20800	20850	10.9	21.3	10.6	17.8
20850	20900	10.9	21.3	10.6	18.0
20900	20950	10.9	21.3	10.6	18.1
20950	21000	10.9	21.3	10.6	18.2
21000	21050	10.9	21.3	10.6	18.3
21050	21100	10.8	21.3	10.6	18.5
21100	21150	10.8	21.3	10.6	18.6
21150	21200	10.8	21.3	10.6	18.7
21200	21250	10.8	21.3	10.6	18.9
21250	21300	10.8	21.3	10.6	19.0
21300	21350	10.8	21.3	10.6	19.1
21350	21400	10.8	21.3	10.6	19.3
21400	21450	10.8	21.3	10.6	19.4
21450	21500	10.7	21.3	10.6	19.5
21500	21550	10.7	21.3	10.6	19.6
21550	21600	10.7	21.3	10.7	19.8
21600	21650	10.7	21.2	10.7	19.9
21650	21700	10.7	21.2	10.7	20.0
21700	21750	10.7	21.3	10.7	20.2
21750	21800	10.7	21.3	10.7	20.3
21800	21850	10.7	21.3	10.7	20.4
21850	21900	10.7	21.3	10.7	20.5
21900	21950	10.7	21.2	10.7	20.7
21950	22000	10.7	21.3	10.7	20.8
22000	22050	10.8	21.3	10.7	20.9
22050	22100	10.7	21.2	10.7	21.1
22100	22150	10.7	21.3	10.7	21.2
22150	22200	10.8	21.2	10.7	21.3
22200	22250	10.8	21.3	10.7	21.3
22250	22300	10.7	21.3	10.7	21.3
22300	22350	10.8	21.3	10.7	21.2
22350	22400	10.8	21.3	10.7	21.2
22400	22450	10.8	21.3	10.7	21.1
22450	22500	10.8	21.3	10.7	21.1
22500	22550	10.8	21.3	10.7	21.2

Tramo		Espesores Capas (cm)			
22550	22600	10.8	21.3	10.6	21.3
22600	22650	10.8	21.3	10.6	21.3
22650	22700	10.8	21.3	10.6	21.3
22700	22750	10.8	21.3	10.6	21.2
22750	22800	10.8	21.3	10.6	21.3
22800	22850	10.8	21.3	10.6	21.2
22850	22900	10.8	21.2	10.6	21.2
22900	22950	10.8	21.2	10.6	21.2
22950	23000	10.8	21.3	10.6	21.3
23000	23050	10.8	21.3	10.6	21.4
23050	23100	10.8	21.3	10.6	21.4
23100	23150	10.8	21.2	10.6	21.4
23150	23200	10.8	21.3	10.6	21.4
23200	23250	10.8	21.3	10.6	21.4
23250	23300	10.8	21.2	10.6	21.4
23300	23350	10.8	21.3	10.6	21.4
23350	23400	10.8	21.2	10.6	21.4
23400	23450	10.8	21.2	10.6	21.3
23450	23500	10.8	21.3	10.6	21.4
23500	23550	10.8	21.3	10.6	21.4
23550	23600	10.8	21.2	10.6	21.4
23600	23650	10.8	21.2	10.6	21.4
23650	23700	10.8	21.3	10.6	21.4
23700	23750	10.8	21.2	10.6	21.4
23750	23800	10.8	21.2	10.6	21.4
23800	23850	10.8	21.2	10.6	21.4
23850	23900	10.8	21.2	10.6	21.4
23900	23950	10.8	21.2	10.6	21.3
23950	24000	10.8	21.2	10.6	21.3
24000	24050	10.8	21.2	10.6	21.3
24050	24100	10.8	21.2	10.6	21.3
24100	24150	10.8	21.2	10.6	21.2
24150	24200	10.8	21.2	10.6	21.2
24200	24250	10.8	21.3	10.6	21.2
24250	24300	10.8	21.2	10.6	21.2
24300	24350	10.8	21.2	10.7	21.3
24350	24400	10.8	21.2	10.7	21.2
24400	24450	10.8	21.2	10.7	21.2
24450	24500	10.8	21.2	10.7	21.3
24500	24550	10.8	21.2	10.7	21.3
24550	24600	10.8	21.2	10.7	21.3
24600	24650	10.8	21.2	10.7	21.2
24650	24700	10.8	21.2	10.7	21.2
24700	24750	10.8	21.2	10.7	21.2
24750	24800	10.9	21.2	10.7	21.2
24800	24850	10.9	21.2	10.7	21.3
24850	24900	10.9	21.2	10.7	21.2
24900	24950	10.9	21.2	10.7	21.2
24950	25000	10.9	21.2	10.7	21.3
25000	25050	10.9	21.2	10.7	21.3
25050	25100	10.9	21.2	10.7	21.4
25100	25150	10.9	21.2	10.7	21.3
25150	25200	10.9	21.2	10.7	21.4
25200	25250	10.9	21.2	10.7	21.4
25250	25300	10.9	21.2	10.7	21.4
25300	25350	10.9	21.2	10.7	21.3
25350	25400	10.8	21.2	10.7	21.3



Tramo		Espesores Capas (cm)			
25400	25450	10.9	21.2	10.6	21.4
25450	25500	10.9	21.2	10.6	21.4
25500	25550	10.9	21.2	10.6	21.4
25550	25600	10.9	21.2	10.6	21.4
25600	25650	10.9	21.2	10.7	21.3
25650	25700	10.9	21.2	10.7	21.3
25700	25750	10.9	21.2	10.7	21.3
25750	25800	10.9	21.2	10.7	21.3
25800	25850	10.9	21.2	10.7	21.3
25850	25900	10.9	21.2	10.7	21.3
25900	25950	10.9	21.2	10.7	21.3
25950	26000	10.9	21.2	10.7	21.3
26000	26050	10.9	21.2	10.7	21.3
26050	26100	10.9	21.2	10.8	21.3
26100	26150	10.9	21.2	10.7	21.3
26150	26200	10.9	21.2	10.7	21.3
26200	26250	10.9	21.2	10.7	21.3
26250	26300	10.9	21.2	10.7	21.4
26300	26350	10.9	21.2	10.7	21.3
26350	26400	10.9	21.2	10.7	21.3
26400	26450	10.9	21.2	10.8	21.3
26450	26500	10.9	21.2	10.9	21.3
26500	26550	10.9	21.2	10.9	21.3
26550	26600	10.9	21.2	10.9	21.2
26600	26650	10.9	21.2	10.9	21.2
26650	26700	10.9	21.2	10.9	21.2
26700	26750	10.9	21.2	10.9	21.3
26750	26800	10.9	21.2	10.9	21.2
26800	26850	10.9	21.2	10.9	21.3
26850	26900	10.9	21.2	10.9	21.3
26900	26950	10.9	21.2	10.9	21.3
26950	27000	10.9	21.2	10.9	21.3
27000	27050	10.9	21.2	10.9	21.3
27050	27100	10.9	21.2	10.9	21.3
27100	27150	10.9	21.2	10.9	21.2
27150	27200	10.9	21.2	10.9	21.3
27200	27250	10.9	21.2	10.9	21.3
27250	27300	10.9	21.2	10.9	21.2
27300	27350	10.9	21.2	10.9	21.3
27350	27400	10.9	21.2	10.9	21.3
27400	27450	10.9	21.2	10.9	21.2
27450	27500	10.9	21.2	10.8	21.3
27500	27550	10.9	21.2	10.8	21.3
27550	27600	10.9	21.2	10.9	21.3
27600	27650	10.9	21.2	10.9	21.3
27650	27700	10.9	21.2	10.8	21.3
27700	27750	10.9	21.2	10.8	21.4
27750	27800	10.9	21.2	10.8	21.3
27800	27850	10.9	21.2	10.8	21.3
27850	27900	10.8	21.2	10.8	21.3
27900	27950	10.8	21.2	10.8	21.3
27950	28000	10.8	21.2	10.7	21.3
28000	28050	10.9	21.2	10.7	21.3
28050	28100	10.8	21.2	10.6	21.3
28100	28150	10.8	21.2	10.6	21.3
28150	28200	10.8	21.2	10.6	21.3
28200	28250	10.9	21.2	10.6	21.3

Tramo		Espesores Capas (cm)			
28250	28300	10.8	21.2	10.6	21.3
28300	28350	10.9	21.2	10.6	21.4
28350	28400	10.9	21.2	10.6	21.4
28400	28450	10.9	21.2	10.6	21.3
28450	28500	10.9	21.2	10.6	21.3
28500	28550	10.9	21.2	10.7	21.3
28550	28600	10.9	21.2	10.7	21.3
28600	28650	10.9	21.2	10.7	21.3
28650	28700	10.9	21.2	10.7	21.3
28700	28750	10.9	21.2	10.7	21.2
28750	28800	10.9	21.2	10.7	21.2
28800	28850	10.9	21.2	10.7	21.3
28850	28900	10.8	21.2	10.7	21.3
28900	28950	10.8	21.2	10.7	21.3
28950	29000	10.8	21.2	10.7	21.4
29000	29050	10.8	21.2	10.6	21.4
29050	29100	10.9	21.2	10.6	21.4
29100	29150	10.9	21.2	10.6	21.4
29150	29200	10.9	21.2	10.6	21.4
29200	29250	10.9	21.2	10.7	21.4
29250	29300	10.9	21.2	10.7	21.3
29300	29350	10.9	21.2	10.7	21.4
29350	29400	10.9	21.2	10.8	21.2
29400	29450	10.9	21.2	10.9	21.2
29450	29500	10.9	21.1	10.9	21.3
29500	29550	10.9	21.1	10.9	21.3
29550	29600	10.9	21.2	10.8	21.3
29600	29650	10.9	21.2	10.7	21.3
29650	29700	10.9	21.2	10.6	21.4
29700	29750	10.9	21.2	10.6	21.3
29750	29800	10.9	21.2	10.7	21.3
29800	29850	10.9	21.2	10.6	21.4
29850	29900	10.9	21.2	10.6	21.4
29900	29950	10.9	21.2	10.8	21.3
29950	30000	10.9	21.1	10.9	21.3
30000	30050	10.7	21.3	10.7	21.3
30050	30100	10.8	21.3	10.7	21.3
30100	30150	10.8	21.2	10.7	21.3
30150	30200	10.7	21.3	10.7	21.3
30200	30250	10.8	21.2	10.7	21.4
30250	30300	10.8	21.2	10.7	21.3
30300	30350	10.9	21.2	10.7	21.3
30350	30400	10.8	21.2	10.7	21.3
30400	30450	10.7	21.3	10.6	21.3
30450	30500	10.6	21.3	10.6	21.3
30500	30550	10.6	21.3	10.6	21.4
30550	30600	10.6	21.4	10.6	21.3
30600	30650	10.7	21.3	10.6	21.4
30650	30700	10.7	21.3	10.6	21.4
30700	30750	10.8	21.3	10.6	21.4
30750	30800	10.8	21.3	10.6	21.4
30800	30850	10.8	21.3	10.6	21.4
30850	30900	10.9	21.3	10.6	21.4
30900	30950	10.9	21.3	10.6	21.4
30950	31000	10.9	21.3	10.6	21.4
31000	31050	10.8	21.3	10.6	21.4
31050	31100	10.8	21.3	10.6	21.4

Tramo		Espesores Capas (cm)			
31100	31150	10.8	21.3	10.6	21.3
31150	31200	10.8	21.3	10.6	21.4
31200	31250	10.7	21.3	10.6	21.4
31250	31300	10.7	21.2	10.6	21.4
31300	31350	10.7	21.3	10.6	21.4
31350	31400	10.7	21.3	10.6	21.4
31400	31450	10.7	21.3	10.6	21.4
31450	31500	10.7	21.3	10.6	21.5
31500	31550	10.7	21.3	10.6	21.4
31550	31600	10.7	21.2	10.6	21.4
31600	31650	10.8	21.2	10.6	21.5
31650	31700	10.8	21.2	10.6	21.4
31700	31750	10.8	21.2	10.6	21.4
31750	31800	10.8	21.2	10.6	21.4
31800	31850	10.8	21.2	10.6	21.4
31850	31900	10.8	21.2	10.6	21.4
31900	31950	10.8	21.2	10.6	21.3
31950	32000	10.8	21.2	10.6	21.4
32000	32050	10.8	21.2	10.6	21.4
32050	32100	10.8	21.2	10.6	21.4
32100	32150	10.8	21.2	10.6	21.5
32150	32200	10.8	21.2	10.6	21.4
32200	32250	10.9	21.2	10.6	21.4
32250	32300	10.8	21.2	10.6	21.3
32300	32350	10.8	21.2	10.6	21.4
32350	32400	10.8	21.2	10.6	21.4
32400	32450	10.9	21.2	10.6	21.4
32450	32500	10.9	21.2	10.6	21.4
32500	32550	10.8	21.2	10.6	21.4
32550	32600	10.9	21.2	10.6	21.4
32600	32650	10.9	21.2	10.6	21.4
32650	32700	10.9	21.2	10.6	21.5
32700	32750	10.9	21.2	10.6	21.5
32750	32800	10.9	21.2	10.6	21.4
32800	32850	10.9	21.2	10.6	21.4
32850	32900	10.9	21.1	10.6	21.5
32900	32950	10.9	21.2	10.7	21.3
32950	33000	10.9	21.2	10.7	21.3
33000	33050	10.9	21.2	10.8	21.3
33050	33100	10.9	21.1	10.8	21.3
33100	33150	10.9	21.1	10.8	21.4
33150	33200	10.9	21.2	10.8	21.3
33200	33250	10.9	21.2	10.8	21.3
33250	33300	10.9	21.1	10.8	21.4
33300	33350	10.9	21.1	10.8	21.3
33350	33400	10.9	21.1	10.8	21.3
33400	33450	10.9	21.1	10.7	21.4
33450	33500	10.9	21.2	10.8	21.2
33500	33550	10.9	21.2	10.8	21.2
33550	33600	10.9	21.2	10.9	21.2
33600	33650	10.9	21.2	10.9	21.3
33650	33700	10.9	21.2	10.9	21.2
33700	33750	10.9	21.2	10.9	21.2
33750	33800	10.9	21.2	10.9	21.3
33800	33850	10.8	21.2	10.9	21.2
33850	33900	10.9	21.2	10.9	21.2
33900	33950	10.9	21.2	10.9	21.3

Tramo		Espesores Capas (cm)			
33950	34000	10.9	21.1	10.9	21.3
34000	34050	10.9	21.2	10.9	21.3
34050	34100	10.8	21.2	10.9	21.3
34100	34150	10.8	21.2	10.9	21.2
34150	34200	10.8	21.2	10.9	21.2
34200	34250	10.8	21.2	10.9	21.3
34250	34300	10.8	21.2	10.9	21.3
34300	34350	10.8	21.2	10.9	21.3
34350	34400	10.8	21.2	10.9	21.3
34400	34450	10.8	21.2	10.9	21.2
34450	34500	10.8	21.2	10.9	21.2
34500	34550	10.7	21.3	10.9	21.2
34550	34600	10.7	21.3	10.9	21.2
34600	34650	10.7	21.3	10.9	21.2
34650	34700	10.7	21.3	10.9	21.2
34700	34750	10.7	21.3	10.9	21.2
34750	34800	10.7	21.3	10.9	21.2
34800	34850	10.7	21.3	10.9	21.3
34850	34900	10.7	21.3	10.9	21.3
34900	34950	10.7	21.3	10.9	21.2
34950	35000	10.7	21.3	10.9	21.2
35000	35050	10.6	21.3	10.9	21.2
35050	35100	10.6	21.3	10.9	21.3
35100	35150	10.6	21.3	10.9	21.3
35150	35200	10.6	21.3	10.9	21.2
35200	35250	10.6	21.3	10.9	21.2
35250	35300	10.6	21.3	10.9	21.3
35300	35350	10.6	21.4	10.9	21.3
35350	35400	10.6	21.4	10.9	21.4
35400	35450	10.6	21.3	10.9	21.4
35450	35500	10.6	21.3	10.9	21.3
35500	35550	10.6	21.3	10.9	21.3
35550	35600	10.6	21.4	10.9	21.3
35600	35650	10.6	21.3	10.9	21.2
35650	35700	10.6	21.3	10.9	21.3
35700	35750	10.6	21.3	10.9	21.4
35750	35800	10.6	21.3	10.9	21.3
35800	35850	10.6	21.3	10.9	21.3
35850	35900	10.6	21.3	10.9	21.4
35900	35950	10.6	21.4	10.8	21.3
35950	36000	10.6	21.3	10.8	21.3
36000	36050	10.7	21.3	10.8	21.2
36050	36100	10.7	21.3	10.8	21.3
36100	36150	10.6	21.3	10.8	21.3
36150	36200	10.6	21.3	10.8	21.4
36200	36250	10.6	21.4	10.8	21.3
36250	36300	10.6	21.4	10.8	21.3
36300	36350	10.6	21.3	10.8	21.3
36350	36400	10.6	21.4	10.7	21.4
36400	36450	10.6	21.3	10.7	21.3
36450	36500	10.6	21.3	10.7	21.3
36500	36550	10.6	21.4	10.7	21.4
36550	36600	10.6	21.3	10.7	21.4
36600	36650	10.6	21.3	10.7	21.3
36650	36700	10.6	21.4	10.7	21.3
36700	36750	10.6	21.3	10.6	21.3
36750	36800	10.6	21.4	10.6	21.3

Tramo		Espesores Capas (cm)			
36800	36850	10.6	21.4	10.6	21.4
36850	36900	10.6	21.4	10.7	21.4
36900	36950	10.6	21.4	10.6	21.4
36950	37000	10.6	21.4	10.6	21.4
37000	37050	10.7	21.3	10.6	21.4
37050	37100	10.7	21.3	10.6	21.4
37100	37150	10.7	21.4	10.6	21.4
37150	37200	10.7	21.4	10.6	21.4
37200	37250	10.7	21.4	10.6	21.4
37250	37300	10.7	21.4	10.6	21.3
37300	37350	10.6	21.4	10.6	21.4
37350	37400	10.7	21.4	10.6	21.4
37400	37450	10.6	21.3	10.7	21.3
37450	37500	10.6	21.4	10.7	21.3
37500	37550	10.6	21.4	10.7	21.3
37550	37600	10.6	21.4	10.7	21.3
37600	37650	10.6	21.4	10.7	21.4
37650	37700	10.6	21.3	10.7	21.4
37700	37750	10.6	21.3	10.7	21.3
37750	37800	10.6	21.3	10.7	21.3
37800	37850	10.6	21.4	10.7	21.5
37850	37900	10.6	21.4	10.7	21.5
37900	37950	10.6	21.4	10.6	21.5
37950	38000	10.6	21.4	10.6	21.4
38000	38050	10.6	21.4	10.6	21.5
38050	38100	10.6	21.3	10.6	21.5
38100	38150	10.6	21.4	10.6	21.5
38150	38200	10.6	21.3	10.6	21.5
38200	38250	10.6	21.4	10.6	21.5
38250	38300	10.6	21.4	10.6	21.5
38300	38350	10.6	21.4	10.6	21.5
38350	38400	10.6	21.4	10.6	21.5
38400	38450	10.6	21.4	10.7	21.4
38450	38500	10.6	21.4	10.7	21.4
38500	38550	10.6	21.3	10.8	21.3
38550	38600	10.6	21.3	10.8	21.2
38600	38650	10.6	21.4	10.9	21.3
38650	38700	10.6	21.4	10.9	21.3
38700	38750	10.6	21.4	10.9	21.3
38750	38800	10.6	21.3	10.8	21.4
38800	38850	10.6	21.4	10.8	21.3
38850	38900	10.6	21.3	10.9	21.3
38900	38950	10.6	21.4	10.9	21.3
38950	39000	10.6	21.3	10.9	21.3
39000	39050	10.6	21.4	10.9	21.3
39050	39100	10.6	21.4	10.8	21.3
39100	39150	10.6	21.4	10.7	21.4
39150	39200	10.6	21.4	10.6	21.4
39200	39250	10.6	21.4	10.6	21.3
39250	39300	10.6	21.4	10.6	21.3
39300	39350	10.6	21.3	10.7	21.3
39350	39400	10.6	21.3	10.7	21.3
39400	39450	10.6	21.3	10.6	21.4
39450	39500	10.6	21.4	10.6	21.4
39500	39550	10.6	21.3	10.7	21.4
39550	39600	10.6	21.3	10.8	21.3
39600	39650	10.6	21.4	10.9	21.2

Tramo		Espesores Capas (cm)			
39650	39700	10.6	21.4	10.9	21.3
39700	39750	10.7	21.3	10.8	21.4
39750	39800	10.7	21.3	10.6	21.4
39800	39850	10.7	21.3	10.7	21.4
39850	39900	10.6	21.3	10.6	21.5
39900	39950	10.6	21.3	10.8	21.3
39950	40000	10.6	21.3	10.8	21.4
40000	40050	10.7	21.3	10.8	21.4
40050	40100	10.8	21.2	10.9	21.3
40100	40150	10.7	21.3	10.9	21.3
40150	40200	10.6	21.3	10.9	21.3
40200	40250	10.8	21.3	10.9	21.3
40250	40300	10.8	21.3	10.9	21.3
40300	40350	10.8	21.3	10.9	21.3
40350	40400	10.8	21.3	10.9	21.3
40400	40450	10.7	21.3	10.9	21.4
40450	40500	10.7	21.3	10.9	21.3
40500	40550	10.7	21.3	10.9	21.3
40550	40600	10.8	21.3	10.9	21.3
40600	40650	10.8	21.2	10.9	21.3
40650	40700	10.8	21.2	10.9	21.2
40700	40750	10.8	21.2	10.9	21.2
40750	40800	10.8	21.2	10.9	21.3
40800	40850	10.8	21.2	10.9	21.3
40850	40900	10.8	21.2	10.9	21.3
40900	40950	10.8	21.2	10.9	21.2
40950	41000	10.8	21.2	10.9	21.2
41000	41050	10.7	21.3	10.9	21.3
41050	41100	10.7	21.3	10.9	21.2
41100	41150	10.7	21.3	10.9	21.2
41150	41200	10.7	21.3	10.9	21.2
41200	41250	10.7	21.3	10.9	21.2
41250	41300	10.7	21.3	10.9	21.1
41300	41350	10.7	21.3	10.9	21.1
41350	41400	10.7	21.3	10.9	21.1
41400	41450	10.7	21.3	10.9	21.2
41450	41500	10.7	21.3	10.9	21.2
41500	41550	10.7	21.3	10.9	21.2
41550	41600	10.8	21.3	10.9	21.3
41600	41650	10.8	21.3	10.9	21.4
41650	41700	10.8	21.3	10.9	21.4
41700	41750	10.8	21.3	10.8	21.3
41750	41800	10.8	21.3	10.9	21.3
41800	41850	10.8	21.3	10.9	21.3
41850	41900	10.8	21.3	10.9	21.3
41900	41950	10.8	21.3	10.8	21.4
41950	42000	10.8	21.3	10.8	21.3
42000	42050	10.8	21.3	10.8	21.3
42050	42100	10.8	21.3	10.8	21.3
42100	42150	10.8	21.3	10.8	21.4
42150	42200	10.8	21.3	10.8	21.4
42200	42250	10.8	21.3	10.8	21.4
42250	42300	10.9	21.3	10.8	21.3
42300	42350	10.9	21.3	10.7	21.4
42350	42400	10.9	21.3	10.8	21.4
42400	42450	10.9	21.3	10.8	21.4
42450	42500	10.9	21.3	10.7	21.3

Tramo		Espesores Capas (cm)			
42500	42550	10.9	21.3	10.7	21.3
42550	42600	10.8	21.3	10.6	21.3
42600	42650	10.8	21.3	10.7	21.3
42650	42700	10.8	21.3	10.7	21.4
42700	42750	10.8	21.3	10.6	21.3
42750	42800	10.9	21.3	10.7	21.3
42800	42850	10.9	21.3	10.6	21.4
42850	42900	10.9	21.3	10.6	21.3
42900	42950	10.9	21.3	10.6	21.3
42950	43000	10.9	21.3	10.6	21.3
43000	43050	10.9	21.3	10.6	21.3
43050	43100	10.9	21.3	10.6	21.3
43100	43150	10.8	21.3	10.6	21.3
43150	43200	10.8	21.3	10.7	21.3
43200	43250	10.9	21.3	10.7	21.4
43250	43300	10.9	21.3	10.7	21.3
43300	43350	10.9	21.2	10.7	21.2
43350	43400	10.8	21.3	10.7	21.3
43400	43450	10.8	21.2	10.7	21.3
43450	43500	10.8	21.3	10.7	21.4
43500	43550	10.8	21.3	10.7	21.3
43550	43600	10.9	21.2	10.6	21.4
43600	43650	10.9	21.2	10.6	21.4
43650	43700	10.9	21.3	10.6	21.4
43700	43750	10.9	21.3	10.6	21.4
43750	43800	10.9	21.3	10.6	21.4
43800	43850	10.8	21.3	10.6	21.4
43850	43900	10.8	21.3	10.6	21.4
43900	43950	10.8	21.3	10.6	21.4
43950	44000	10.8	21.3	10.6	21.3
44000	44050	10.8	21.3	10.6	21.4
44050	44100	10.8	21.3	10.7	21.4
44100	44150	10.8	21.3	10.7	21.4
44150	44200	10.9	21.3	10.8	21.4
44200	44250	10.9	21.3	10.8	21.5
44250	44300	10.9	21.3	10.8	21.3
44300	44350	10.9	21.3	10.8	21.2
44350	44400	10.9	21.3	10.7	21.3
44400	44450	10.8	21.3	10.7	21.3
44450	44500	10.8	21.3	10.7	21.4
44500	44550	10.8	21.3	10.7	21.4
44550	44600	10.8	21.2	10.7	21.3
44600	44650	10.8	21.3	10.7	21.4
44650	44700	10.8	21.3	10.8	21.3
44700	44750	10.8	21.2	10.8	21.4
44750	44800	10.8	21.3	10.8	21.3
44800	44850	10.9	21.2	10.8	21.2
44850	44900	10.9	21.3	10.8	21.2
44900	44950	10.9	21.3	10.8	21.2
44950	45000	10.9	21.3	10.8	21.3
45000	45050	10.9	21.3	10.8	21.3
45050	45100	10.9	21.3	10.8	21.4
45100	45150	10.9	21.3	10.8	21.3
45150	45200	10.9	21.3	10.8	21.4
45200	45250	10.9	21.3	10.8	21.2
45250	45300	10.9	21.2	10.8	21.2
45300	45350	10.9	21.3	10.8	21.4

Tramo		Espesores Capas (cm)			
45350	45400	10.8	21.3	10.7	21.4
45400	45450	10.8	21.3	10.7	21.4
45450	45500	10.8	21.3	10.7	21.5
45500	45550	10.8	21.3	10.7	21.4
45550	45600	10.8	21.3	10.7	21.4
45600	45650	10.8	21.3	10.7	21.4
45650	45700	10.8	21.3	10.7	21.5
45700	45750	10.8	21.3	10.7	21.4
45750	45800	10.8	21.3	10.7	21.4
45800	45850	10.8	21.3	10.7	21.4
45850	45900	10.8	21.3	10.7	21.4
45900	45950	10.9	21.3	10.6	21.4
45950	46000	10.8	21.3	10.7	21.4
46000	46050	10.8	21.3	10.6	21.4
46050	46100	10.8	21.3	10.6	21.3
46100	46150	10.8	21.3	10.7	21.3
46150	46200	10.8	21.3	10.7	21.2
46200	46250	10.8	21.3	10.8	21.2
46250	46300	10.9	21.3	10.8	21.2
46300	46350	10.8	21.3	10.8	21.2
46350	46400	10.8	21.3	10.8	21.2
46400	46450	10.9	21.3	10.9	21.4
46450	46500	10.8	21.3	10.9	21.4
46500	46550	10.8	21.3	10.8	21.3
46550	46600	10.8	21.3	10.8	21.3
46600	46650	10.7	21.3	10.8	21.2
46650	46700	10.8	21.3	10.8	21.2
46700	46750	10.8	21.3	10.8	21.3
46750	46800	10.7	21.3	10.8	21.3
46800	46850	10.7	21.3	10.7	21.3
46850	46900	10.7	21.3	10.7	21.4
46900	46950	10.7	21.4	10.7	21.5
46950	47000	10.7	21.4	10.7	21.4
47000	47050	10.8	21.3	10.8	21.2
47050	47100	10.8	21.3	10.7	21.4
47100	47150	10.9	21.3	10.7	21.4
47150	47200	10.9	21.3	10.7	21.3
47200	47250	10.9	21.3	10.7	21.4
47250	47300	10.9	21.3	10.7	21.3
47300	47350	10.9	21.3	10.7	21.5
47350	47400	10.8	21.3	10.7	21.4
47400	47450	10.8	21.3	10.7	21.4
47450	47500	10.8	21.3	10.7	21.4
47500	47550	10.8	21.3	10.7	21.4
47550	47600	10.7	21.3	10.7	21.4
47600	47650	10.7	21.4	10.7	21.4
47650	47700	10.7	21.3	10.7	21.4
47700	47750	10.7	21.4	10.6	21.4
47750	47800	10.7	21.4	10.6	21.4
47800	47850	10.7	21.4	10.6	21.4
47850	47900	10.7	21.4	10.6	21.4
47900	47950	10.7	21.3	10.6	21.5
47950	48000	10.7	21.3	10.6	21.5
48000	48050	10.8	21.3	10.6	21.4
48050	48100	10.8	21.3	10.6	21.4
48100	48150	10.8	21.3	10.6	21.5
48150	48200	10.8	21.2	10.6	21.4



Tramo		Espesores Capas (cm)			
48200	48250	10.8	21.2	10.7	21.4
48250	48300	10.8	21.2	10.6	21.5
48300	48350	10.8	21.2	10.7	21.5
48350	48400	10.8	21.2	10.7	21.4
48400	48450	10.8	21.2	10.7	21.5
48450	48500	10.8	21.2	10.7	21.4
48500	48550	10.7	21.3	10.7	21.4
48550	48600	10.7	21.3	10.7	21.4
48600	48650	10.7	21.3	10.7	21.5
48650	48700	10.7	21.3	10.7	21.5
48700	48750	10.6	21.4	10.7	21.5
48750	48800	10.6	21.4	10.7	21.5
48800	48850	10.6	21.4	10.7	21.5
48850	48900	10.7	21.4	10.7	21.5
48900	48950	10.6	21.4	10.6	21.5
48950	49000	10.7	21.4	10.6	21.6
49000	49050	10.7	21.4	10.6	21.6
49050	49100	10.7	21.4	10.7	21.5
49100	49150	10.7	21.4	10.7	21.5
49150	49200	10.7	21.4	10.6	21.6
49200	49250	10.8	21.4	10.6	21.6
49250	49300	10.8	21.4	10.7	21.6
49300	49350	10.8	21.4	10.7	21.6
49350	49400	10.8	21.4	10.8	21.6
49400	49450	10.8	21.4	10.8	21.5
49450	49500	10.8	21.3	10.9	21.5
49500	49550	10.8	21.4	10.9	21.6
49550	49600	10.8	21.4	10.9	21.5
49600	49650	10.8	21.3	10.9	21.5
49650	49700	10.9	21.3	10.8	21.5
49700	49750	10.9	21.3	10.8	21.5
49750	49800	10.9	21.3	10.7	21.5
49800	49850	10.9	21.3	10.6	21.6
49850	49900	10.9	21.3	10.7	21.6
49900	49950	10.9	21.3	10.7	21.6
49950	50000	10.9	21.3	10.6	21.6
50000	50050	16.0	19.8	16.1	19.9
50050	50100	16.0	19.9	16.1	19.9
50100	50150	16.1	19.8	16.1	19.9
50150	50200	16.0	19.9	16.1	19.9
50200	50250	16.1	19.9	16.1	19.9
50250	50300	16.0	19.7	16.1	19.9
50300	50350	16.0	19.7	16.1	19.9
50350	50400	16.0	19.8	16.1	19.9
50400	50450	16.0	19.9	16.1	19.9
50450	50500	16.0	19.9	16.1	19.9
50500	50550	16.0	19.9	16.1	19.9
50550	50600	16.0	19.8	16.1	20.0
50600	50650	16.1	19.8	16.1	19.9
50650	50700	16.1	19.8	16.1	19.8
50700	50750	16.1	19.8	16.1	19.9
50750	50800	16.1	19.8	16.1	19.8
50800	50850	16.1	19.8	16.1	19.8
50850	50900	16.0	19.8	16.1	19.9
50900	50950	16.0	19.8	16.1	19.9
50950	51000	16.0	19.8	16.1	19.8
51000	51050	16.0	19.8	16.1	19.8

Tramo		Espesores Capas (cm)			
51050	51100	16.0	19.8	16.1	19.9
51100	51150	16.0	19.8	16.1	19.9
51150	51200	16.0	19.8	16.1	19.8
51200	51250	16.0	19.9	16.1	19.9
51250	51300	16.0	19.9	16.1	19.7
51300	51350	16.1	19.9	16.1	19.9
51350	51400	16.1	19.9	16.1	19.9
51400	51450	16.1	19.9	16.1	19.9
51450	51500	16.1	19.9	16.1	19.8
51500	51550	16.1	19.9	16.1	19.9
51550	51600	16.1	19.9	16.1	19.9
51600	51650	16.1	19.9	16.1	19.8
51650	51700	16.1	19.8	16.1	19.9
51700	51750	16.1	19.8	16.1	19.9
51750	51800	16.1	19.8	16.1	19.9
51800	51850	16.1	19.8	16.1	20.0
51850	51900	16.1	19.8	16.1	19.9
51900	51950	16.1	19.8	16.1	19.9
51950	52000	16.0	19.7	16.1	19.9
52000	52050	16.1	19.8	16.1	20.0
52050	52100	16.1	19.7	16.1	19.9
52100	52150	16.0	19.7	16.1	19.9
52150	52200	16.0	19.7	16.1	19.9
52200	52250	16.0	19.7	16.1	19.9
52250	52300	16.0	19.7	16.1	19.8
52300	52350	16.0	19.7	16.1	19.7
52350	52400	16.0	19.7	16.1	19.7
52400	52450	16.0	19.7	16.1	19.8
52450	52500	16.0	19.7	16.1	19.7
52500	52550	16.0	19.7	16.1	19.7
52550	52600	16.0	19.7	16.1	19.7
52600	52650	16.0	19.8	16.1	19.8
52650	52700	16.0	19.7	16.1	19.8
52700	52750	16.0	19.7	16.1	19.7
52750	52800	16.0	19.7	16.0	19.6
52800	52850	16.0	19.7	16.0	19.7
52850	52900	16.0	19.7	16.1	19.7
52900	52950	16.0	19.7	16.0	19.8
52950	53000	16.0	19.7	16.1	19.8
53000	53050	16.0	19.7	16.0	19.8
53050	53100	16.0	19.7	16.1	19.9
53100	53150	16.0	19.7	16.1	19.9
53150	53200	16.0	19.7	16.1	19.7
53200	53250	16.0	19.7	16.1	19.7
53250	53300	16.0	19.7	16.1	19.8
53300	53350	16.1	19.8	16.1	19.9
53350	53400	16.0	19.7	16.1	19.9
53400	53450	16.0	19.7	16.1	19.9
53450	53500	16.0	19.7	16.1	19.9
53500	53550	16.1	19.8	16.1	19.9
53550	53600	16.1	19.8	16.1	20.0
53600	53650	16.1	19.8	16.1	20.0
53650	53700	16.0	19.7	16.0	19.9
53700	53750	16.0	19.7	16.0	19.9
53750	53800	16.0	19.7	16.0	19.8
53800	53850	16.1	19.7	16.0	19.8
53850	53900	16.1	19.7	16.0	19.8

Tramo		Espesores Capas (cm)			
53900	53950	16.0	19.7	16.0	19.9
53950	54000	16.1	19.8	16.0	19.8
54000	54050	16.1	19.8	16.0	19.8
54050	54100	16.0	19.8	16.0	19.8
54100	54150	16.0	19.8	16.1	19.8
54150	54200	16.0	19.8	16.1	19.8
54200	54250	16.1	19.8	16.1	19.8
54250	54300	16.1	19.8	16.0	19.8
54300	54350	16.1	19.8	16.0	19.8
54350	54400	16.1	19.8	16.0	19.8
54400	54450	16.1	19.8	16.0	19.8
54450	54500	16.1	19.8	16.1	19.8
54500	54550	16.1	19.8	16.0	19.8
54550	54600	16.1	19.8	16.0	19.8
54600	54650	16.1	19.8	16.0	19.8
54650	54700	16.1	19.8	16.0	19.8
54700	54750	16.1	19.8	16.0	19.8
54750	54800	16.1	19.8	16.1	19.8
54800	54850	16.1	19.8	16.1	19.8
54850	54900	16.1	19.8	16.0	19.9
54900	54950	16.1	19.8	16.0	19.8
54950	55000	16.1	19.8	16.0	19.8
55000	55050	16.1	19.8	16.0	19.8
55050	55100	16.1	19.8	16.0	19.8
55100	55150	16.1	19.8	16.0	19.8
55150	55200	16.1	19.8	16.0	19.8
55200	55250	16.1	19.8	15.9	19.8
55250	55300	16.1	19.8	15.9	19.8
55300	55350	16.1	19.8	16.0	19.8
55350	55400	16.1	19.8	16.0	19.8
55400	55450	16.1	19.8	16.0	19.9
55450	55500	16.1	19.8	16.0	19.8
55500	55550	16.1	19.8	16.0	19.8
55550	55600	16.1	19.8	16.0	19.8
55600	55650	16.1	19.8	15.9	19.9
55650	55700	16.1	19.8	15.9	19.9
55700	55750	16.1	19.8	15.9	19.8
55750	55800	16.1	19.8	15.9	19.8
55800	55850	16.0	19.8	15.9	19.9
55850	55900	16.0	19.8	15.9	19.8
55900	55950	16.0	19.8	15.9	19.8
55950	56000	16.0	19.8	15.9	19.8
56000	56050	16.1	19.8	15.9	19.9
56050	56100	16.1	19.8	15.9	19.9
56100	56150	16.1	19.8	15.9	19.8
56150	56200	16.1	19.8	15.9	19.9
56200	56250	16.1	19.8	15.9	19.9
56250	56300	16.0	19.8	15.9	19.9
56300	56350	16.0	19.8	15.9	19.8
56350	56400	16.1	19.8	15.9	19.9
56400	56450	16.0	19.8	15.9	19.9
56450	56500	16.0	19.8	15.9	19.8
56500	56550	16.0	19.8	15.9	19.8
56550	56600	16.0	19.8	15.9	19.7
56600	56650	16.1	19.8	15.9	19.8
56650	56700	16.1	19.8	15.9	19.8
56700	56750	16.1	19.8	15.9	19.9

Tramo		Espesores Capas (cm)			
56750	56800	16.1	19.8	15.9	19.9
56800	56850	16.0	19.8	15.9	19.8
56850	56900	16.0	19.8	15.9	19.8
56900	56950	16.0	19.8	15.9	19.9
56950	57000	16.0	19.8	15.9	19.8
57000	57050	16.0	19.8	15.9	19.8
57050	57100	16.0	19.8	15.9	19.8
57100	57150	16.0	19.8	15.9	19.8
57150	57200	16.0	19.8	15.9	19.8
57200	57250	16.0	19.8	15.9	19.8
57250	57300	16.0	19.8	15.9	19.8
57300	57350	16.1	19.8	15.9	19.8
57350	57400	16.1	19.8	15.9	19.9
57400	57450	16.0	19.8	15.9	19.8
57450	57500	16.0	19.8	16.0	19.9
57500	57550	16.0	19.8	15.9	19.9
57550	57600	16.0	19.8	15.9	19.9
57600	57650	16.1	19.8	15.9	19.8
57650	57700	16.1	19.9	15.9	19.8
57700	57750	16.1	19.9	15.9	19.8
57750	57800	16.1	19.9	16.0	19.8
57800	57850	16.1	19.9	16.0	19.8
57850	57900	16.1	19.8	16.0	19.8
57900	57950	16.1	19.8	16.0	19.8
57950	58000	16.0	19.8	16.0	19.8
58000	58050	16.1	19.8	16.0	19.9
58050	58100	16.0	19.8	16.0	19.8
58100	58150	16.0	19.8	16.0	19.8
58150	58200	16.1	19.9	16.0	19.8
58200	58250	16.1	19.9	16.0	19.8
58250	58300	16.1	19.9	16.0	19.8
58300	58350	16.1	19.9	16.0	19.9
58350	58400	16.1	19.9	16.0	19.8
58400	58450	16.1	19.8	16.0	19.9
58450	58500	16.1	19.9	16.0	19.8
58500	58550	16.1	19.9	16.0	19.8
58550	58600	16.1	19.9	16.0	19.8
58600	58650	16.1	19.9	16.0	19.8
58650	58700	16.1	19.9	16.0	19.7
58700	58750	16.1	19.9	16.0	19.8
58750	58800	16.1	19.9	16.0	19.9
58800	58850	16.1	19.8	16.1	19.9
58850	58900	16.1	19.9	16.1	19.9
58900	58950	16.1	19.9	16.1	20.0
58950	59000	16.1	19.9	16.1	19.9
59000	59050	16.1	19.9	16.1	19.9
59050	59100	16.1	19.9	16.1	19.9
59100	59150	16.1	19.9	16.1	19.8
59150	59200	16.1	19.9	16.1	19.8
59200	59250	16.1	19.9	16.1	19.7
59250	59300	16.1	19.9	16.1	19.7
59300	59350	16.1	19.9	16.1	19.7
59350	59400	16.1	19.9	16.1	19.7
59400	59450	16.1	19.9	16.0	19.8
59450	59500	16.1	19.9	15.9	19.8
59500	59550	16.1	19.9	15.9	19.9
59550	59600	16.1	19.9	15.9	19.9

Tramo		Espesores Capas (cm)			
59600	59650	16.1	19.9	16.0	19.7
59650	59700	16.1	19.9	16.0	19.9
59700	59750	16.1	19.9	16.1	19.9
59750	59800	16.1	19.9	16.1	19.9
59800	59850	16.1	19.9	16.1	19.8
59850	59900	16.1	19.9	16.1	19.8
59900	59950	16.0	19.9	16.0	19.9
59950	60000	16.1	19.9	16.0	20.0
60000	60050	16.1	19.8	16.0	19.8
60050	60100	16.1	19.9	16.0	19.9
60100	60150	16.0	19.9	16.0	19.9
60150	60200	16.0	19.8	16.1	20.0
60200	60250	15.9	19.9	16.1	20.0
60250	60300	16.0	19.9	16.1	20.0
60300	60350	16.1	19.8	16.1	20.0
60350	60400	16.1	19.8	16.1	20.0
60400	60450	16.0	19.9	16.0	20.0
60450	60500	16.0	19.8	16.0	19.9
60500	60550	16.0	19.9	16.0	19.9
60550	60600	16.1	19.9	16.0	20.0
60600	60650	16.1	19.9	16.1	20.0
60650	60700	16.1	19.9	16.1	20.0
60700	60750	16.0	19.9	16.1	20.0
60750	60800	16.0	19.8	16.1	20.0
60800	60850	16.0	19.8	16.1	20.0
60850	60900	16.0	19.8	16.1	20.0
60900	60950	16.0	19.8	16.1	20.0
60950	61000	16.0	19.8	16.1	20.1
61000	61050	16.0	19.8	16.1	20.1
61050	61100	16.0	19.8	16.1	20.0
61100	61150	16.0	19.8	16.1	19.9
61150	61200	16.0	19.8	16.1	19.9
61200	61250	16.0	19.8	16.1	19.8
61250	61300	16.0	19.9	16.1	19.8
61300	61350	16.0	19.9	16.1	19.8
61350	61400	16.0	19.9	16.1	19.8
61400	61450	15.9	19.9	16.0	19.8
61450	61500	15.9	19.9	16.0	19.9
61500	61550	15.9	19.9	16.1	19.8
61550	61600	15.9	19.9	16.0	19.9
61600	61650	15.9	19.9	16.1	19.9
61650	61700	15.9	19.9	16.1	19.8
61700	61750	15.9	19.9	16.0	19.8
61750	61800	15.9	19.9	16.1	19.8
61800	61850	15.9	19.9	16.1	19.8
61850	61900	15.9	19.9	16.0	19.8
61900	61950	15.9	19.9	16.1	19.8
61950	62000	15.9	19.9	16.1	19.8
62000	62050	15.9	19.9	16.0	19.8
62050	62100	16.0	19.9	16.0	19.8
62100	62150	15.9	19.9	16.0	19.8
62150	62200	16.0	19.9	16.0	19.8
62200	62250	16.0	19.9	16.1	19.9
62250	62300	15.9	19.9	16.0	19.9
62300	62350	16.0	19.9	16.0	19.8
62350	62400	16.0	19.9	16.0	19.9
62400	62450	15.9	19.9	16.0	19.8

Tramo		Espesores Capas (cm)			
62450	62500	16.0	19.9	16.0	19.8
62500	62550	16.0	19.9	16.0	19.8
62550	62600	16.0	19.9	16.0	19.8
62600	62650	15.9	19.9	16.0	19.8
62650	62700	15.9	19.9	16.0	19.8
62700	62750	16.0	19.9	16.0	19.8
62750	62800	16.0	19.9	16.0	19.8
62800	62850	16.0	19.9	16.0	19.8
62850	62900	16.0	19.9	16.0	19.8
62900	62950	16.0	19.9	16.0	19.8
62950	63000	16.0	19.9	16.0	19.8
63000	63050	16.0	19.9	16.0	19.8
63050	63100	15.9	19.9	16.0	19.7
63100	63150	15.9	19.9	16.0	19.7
63150	63200	15.9	19.9	16.0	19.7
63200	63250	16.0	19.9	16.0	19.7
63250	63300	16.0	19.9	16.0	19.7
63300	63350	16.0	19.9	16.0	19.7
63350	63400	16.0	19.9	16.0	19.7
63400	63450	15.9	19.9	16.0	19.7
63450	63500	15.9	19.9	16.0	19.8
63500	63550	15.9	19.9	16.0	19.7
63550	63600	15.9	19.9	16.0	19.8
63600	63650	15.9	19.9	16.0	19.8
63650	63700	15.9	19.9	16.0	19.8
63700	63750	16.0	19.9	16.0	19.8
63750	63800	16.0	19.9	16.0	19.8
63800	63850	16.0	19.9	16.0	19.8
63850	63900	15.9	19.9	16.0	19.7
63900	63950	15.9	19.9	16.0	19.8
63950	64000	15.9	19.9	16.0	19.8
64000	64050	15.9	19.9	16.0	19.8
64050	64100	15.9	19.9	16.0	19.8
64100	64150	15.9	19.9	16.0	19.8
64150	64200	15.9	19.9	16.0	19.8
64200	64250	15.9	19.9	16.0	19.8
64250	64300	15.9	19.9	16.0	19.8
64300	64350	15.9	19.9	16.0	19.9
64350	64400	15.9	19.9	16.0	19.8
64400	64450	15.9	19.9	16.0	19.8
64450	64500	15.9	19.9	16.0	19.8
64500	64550	16.0	19.8	16.0	19.8
64550	64600	16.0	19.8	16.1	19.8
64600	64650	16.0	19.8	16.0	19.8
64650	64700	16.0	19.8	16.0	19.8
64700	64750	16.0	19.8	16.0	19.9
64750	64800	16.0	19.8	16.0	19.9
64800	64850	16.0	19.8	16.1	20.0
64850	64900	16.0	19.8	16.0	19.9
64900	64950	16.0	19.8	16.1	19.9
64950	65000	16.0	19.8	16.1	19.9
65000	65050	16.0	19.8	16.1	19.9
65050	65100	16.0	19.8	16.0	19.9
65100	65150	16.0	19.8	16.1	19.9
65150	65200	16.0	19.8	16.1	19.9
65200	65250	16.0	19.8	16.0	19.9
65250	65300	16.0	19.8	16.0	20.0

Tramo		Espesores Capas (cm)			
65300	65350	16.0	19.8	16.0	20.0
65350	65400	16.0	19.8	16.0	19.8
65400	65450	16.0	19.8	16.0	19.8
65450	65500	16.0	19.8	16.0	19.8
65500	65550	16.0	19.8	16.0	19.8
65550	65600	16.0	19.8	16.0	19.8
65600	65650	16.0	19.8	16.1	19.9
65650	65700	16.0	19.8	16.1	19.9
65700	65750	16.0	19.8	16.1	19.8
65750	65800	16.0	19.8	16.1	19.9
65800	65850	16.0	19.8	16.1	19.9
65850	65900	16.0	19.8	16.1	19.7
65900	65950	16.0	19.9	16.1	19.7
65950	66000	16.0	19.8	16.1	19.8
66000	66050	16.0	19.8	16.1	19.8
66050	66100	16.0	19.9	16.1	19.7
66100	66150	16.0	19.8	16.1	19.7
66150	66200	16.0	19.9	16.1	19.8
66200	66250	16.0	19.9	16.1	19.7
66250	66300	16.0	19.9	16.1	19.7
66300	66350	16.0	19.9	16.0	19.7
66350	66400	16.0	19.9	16.0	19.7
66400	66450	16.0	19.9	16.0	19.7
66450	66500	16.0	19.9	16.1	19.7
66500	66550	16.1	19.9	16.1	19.7
66550	66600	16.0	19.9	16.0	19.7
66600	66650	16.0	19.9	16.0	19.7
66650	66700	16.0	19.9	16.0	19.8
66700	66750	16.0	19.9	16.0	19.8
66750	66800	16.0	19.9	16.0	19.9
66800	66850	16.0	19.9	15.9	19.9
66850	66900	16.0	19.9	15.9	19.8
66900	66950	16.0	19.9	15.9	19.9
66950	67000	16.0	19.9	16.0	19.9
67000	67050	16.1	19.9	15.9	19.9
67050	67100	16.1	19.9	15.9	19.9
67100	67150	16.1	19.9	15.9	20.0
67150	67200	16.1	20.0	15.9	20.0
67200	67250	16.1	19.9	15.9	20.0
67250	67300	16.0	19.9	15.9	20.0
67300	67350	16.1	19.9	15.9	20.0
67350	67400	16.1	19.9	15.9	20.0
67400	67450	16.1	19.9	15.9	19.9
67450	67500	16.0	20.0	15.9	19.9
67500	67550	16.1	20.0	15.9	19.8
67550	67600	16.1	19.9	15.9	19.8
67600	67650	16.1	20.0	15.9	19.7
67650	67700	16.1	20.0	15.9	19.8
67700	67750	16.0	20.0	15.9	19.7
67750	67800	16.1	20.0	15.9	19.7
67800	67850	16.1	19.9	15.9	19.8
67850	67900	16.1	19.9	16.0	19.8
67900	67950	16.1	19.9	16.0	19.8
67950	68000	16.1	20.0	16.0	19.8
68000	68050	16.1	20.0	16.0	19.9
68050	68100	16.1	19.9	15.9	19.9
68100	68150	16.1	19.9	16.0	19.9

Tramo		Espesores Capas (cm)			
68150	68200	16.1	19.9	15.9	19.9
68200	68250	16.1	19.8	15.9	19.9
68250	68300	16.1	19.9	15.9	19.9
68300	68350	16.1	19.9	15.9	19.9
68350	68400	16.1	19.9	15.9	19.9
68400	68450	16.1	19.9	15.9	19.9
68450	68500	16.1	19.8	16.0	19.9
68500	68550	16.1	19.8	16.0	19.9
68550	68600	16.1	19.8	16.0	19.8
68600	68650	16.1	19.8	16.0	19.8
68650	68700	16.1	19.8	16.0	19.8
68700	68750	16.1	19.9	16.0	19.8
68750	68800	16.1	19.8	16.0	19.8
68800	68850	16.1	19.8	16.0	19.8
68850	68900	16.1	19.8	16.0	19.8
68900	68950	16.1	19.8	16.0	19.8
68950	69000	16.1	19.8	16.0	19.9
69000	69050	16.1	19.8	16.0	20.0
69050	69100	16.1	19.8	16.1	19.9
69100	69150	16.1	19.8	16.1	19.9
69150	69200	16.1	19.8	16.1	19.9
69200	69250	16.1	19.8	16.1	19.9
69250	69300	16.1	19.8	16.1	19.9
69300	69350	16.1	19.8	16.1	19.8
69350	69400	16.1	19.8	16.1	19.7
69400	69450	16.1	19.8	16.1	19.7
69450	69500	16.1	19.8	16.1	19.8
69500	69550	16.1	19.8	16.1	19.7
69550	69600	16.1	19.8	16.0	19.8
69600	69650	16.1	19.8	15.9	19.9
69650	69700	16.1	19.8	15.9	19.8
69700	69750	16.1	19.8	16.0	19.9
69750	69800	16.1	19.8	16.0	19.9
69800	69850	16.1	19.8	16.0	19.9
69850	69900	16.1	19.8	16.1	20.0
69900	69950	16.1	19.8	16.1	19.8
69950	70000	16.1	19.8	16.0	20.0
70000	70050	10.6	21.7	10.6	21.4
70050	70100	10.7	21.7	10.6	21.4
70100	70150	10.6	21.5	10.6	21.4
70150	70200	10.8	21.5	10.6	21.4
70200	70250	10.9	21.5	10.6	21.4
70250	70300	10.9	21.5	10.6	21.4
70300	70350	10.9	21.4	10.6	21.4
70350	70400	10.8	21.5	10.6	21.5
70400	70450	10.7	21.6	10.6	21.5
70450	70500	10.6	21.6	10.6	21.3
70500	70550	10.6	21.6	10.6	21.4
70550	70600	10.7	21.5	10.6	21.5
70600	70650	10.7	21.5	10.6	21.4
70650	70700	10.7	21.4	10.6	21.4
70700	70750	10.7	21.5	10.6	21.6
70750	70800	10.6	21.6	10.6	21.5
70800	70850	10.6	21.5	10.6	21.6
70850	70900	10.7	21.4	10.6	21.6
70900	70950	10.6	21.4	10.6	21.5
70950	71000	10.6	21.4	10.6	21.5



Tramo		Espesores Capas (cm)			
71000	71050	10.7	21.5	10.6	21.6
71050	71100	10.7	21.5	10.6	21.5
71100	71150	10.7	21.4	10.6	21.4
71150	71200	10.8	21.3	10.6	21.4
71200	71250	10.8	21.4	10.6	21.5
71250	71300	10.8	21.3	10.6	21.4
71300	71350	10.8	21.4	10.6	21.4
71350	71400	10.8	21.4	10.6	21.5
71400	71450	10.9	21.4	10.7	21.5
71450	71500	10.9	21.4	10.6	21.5
71500	71550	10.9	21.4	10.6	21.5
71550	71600	10.9	21.4	10.6	21.5
71600	71650	10.9	21.3	10.6	21.4
71650	71700	10.9	21.3	10.6	21.6
71700	71750	10.9	21.4	10.7	21.6
71750	71800	10.9	21.4	10.6	21.5
71800	71850	10.9	21.4	10.6	21.5
71850	71900	10.9	21.4	10.6	21.5
71900	71950	10.9	21.4	10.7	21.5
71950	72000	10.9	21.4	10.7	21.5
72000	72050	10.9	21.4	10.6	21.5
72050	72100	10.9	21.4	10.6	21.5
72100	72150	10.9	21.4	10.7	21.5
72150	72200	10.9	21.4	10.7	21.5
72200	72250	10.9	21.4	10.7	21.4
72250	72300	10.9	21.4	10.7	21.4
72300	72350	10.9	21.4	10.7	21.4
72350	72400	10.9	21.4	10.7	21.3
72400	72450	10.9	21.3	10.7	21.5
72450	72500	10.9	21.4	10.7	21.4
72500	72550	10.9	21.4	10.7	21.4
72550	72600	10.9	21.3	10.7	21.5
72600	72650	10.9	21.3	10.8	21.4
72650	72700	10.9	21.4	10.8	21.4
72700	72750	10.9	21.4	10.8	21.4
72750	72800	10.9	21.4	10.8	21.3
72800	72850	10.9	21.4	10.8	21.3
72850	72900	10.9	21.4	10.8	21.3
72900	72950	10.9	21.4	10.8	21.3
72950	73000	10.9	21.4	10.7	21.4
73000	73050	10.9	21.4	10.8	21.3
73050	73100	10.9	21.4	10.7	21.4
73100	73150	10.9	21.4	10.7	21.4
73150	73200	10.9	21.4	10.7	21.3
73200	73250	10.9	21.4	10.7	21.4
73250	73300	10.9	21.4	10.7	21.4
73300	73350	10.9	21.4	10.6	21.4
73350	73400	10.9	21.5	10.6	21.4
73400	73450	10.9	21.4	10.6	21.4
73450	73500	10.9	21.4	10.6	21.5
73500	73550	10.9	21.4	10.7	21.4
73550	73600	10.9	21.4	10.7	21.3
73600	73650	10.9	21.4	10.7	21.3
73650	73700	10.9	21.4	10.7	21.3
73700	73750	10.9	21.4	10.7	21.3
73750	73800	10.9	21.3	10.7	21.4
73800	73850	10.9	21.4	10.8	21.4

Tramo		Espesores Capas (cm)			
73850	73900	10.9	21.4	10.8	21.3
73900	73950	10.9	21.4	10.8	21.3
73950	74000	10.9	21.6	10.8	21.2
74000	74050	10.9	21.6	10.8	21.3
74050	74100	10.9	21.6	10.8	21.3
74100	74150	10.9	21.6	10.9	21.4
74150	74200	10.9	21.6	10.9	21.4
74200	74250	10.9	21.5	10.9	21.3
74250	74300	10.9	21.5	10.9	21.3
74300	74350	10.9	21.5	10.9	21.3
74350	74400	10.9	21.5	10.9	21.3
74400	74450	10.9	21.4	10.9	21.4
74450	74500	10.9	21.4	10.9	21.4
74500	74550	10.9	21.4	10.9	21.4
74550	74600	10.9	21.5	10.9	21.5
74600	74650	10.9	21.5	10.9	21.5
74650	74700	10.9	21.5	10.9	21.5
74700	74750	10.9	21.6	10.9	21.4
74750	74800	10.9	21.7	10.9	21.4
74800	74850	10.9	21.6	10.8	21.5
74850	74900	10.9	21.6	10.8	21.5
74900	74950	10.9	21.6	10.8	21.4
74950	75000	10.9	21.7	10.7	21.4
75000	75050	10.9	21.5	10.7	21.5
75050	75100	10.9	21.6	10.6	21.5
75100	75150	10.9	21.6	10.6	21.5
75150	75200	10.9	21.6	10.6	21.6
75200	75250	10.9	21.6	10.6	21.5
75250	75300	10.9	21.5	10.7	21.4
75300	75350	10.9	21.5	10.7	21.4
75350	75400	10.9	21.7	10.7	21.4
75400	75450	10.9	21.6	10.7	21.6
75450	75500	10.9	21.7	10.6	21.6
75500	75550	10.9	21.6	10.6	21.7
75550	75600	10.9	21.6	10.6	21.5
75600	75650	10.8	21.6	10.7	21.5
75650	75700	10.8	21.6	10.8	21.5
75700	75750	10.8	21.6	10.8	21.5
75750	75800	10.8	21.7	10.9	21.4
75800	75850	10.9	21.6	10.9	21.4
75850	75900	10.8	21.5	10.9	21.5
75900	75950	10.8	21.7	10.8	21.5
75950	76000	10.9	21.6	10.7	21.5
76000	76050	10.9	21.6	10.6	21.6
76050	76100	10.9	21.7	10.7	21.5
76100	76150	10.9	21.6	10.7	21.5
76150	76200	10.9	21.7	10.6	21.5
76200	76250	10.9	21.7	10.7	21.5
76250	76300	10.9	21.7	10.8	21.4
76300	76350	10.9	21.6	10.9	21.3
76350	76400	10.8	21.7	10.8	21.4
76400	76450	10.8	21.7	10.7	21.4
76450	76500	10.8	21.7	10.6	21.5
76500	76550	10.8	21.6	10.6	21.5
76550	76600	10.8	21.6	10.7	21.5
76600	76650	10.8	21.7	10.9	21.4
76650	76700	10.8	21.7	10.7	21.6

Tramo		Espesores Capas (cm)			
76700	76750	10.8	21.7	10.7	21.5
76750	76800	10.8	21.6	10.6	21.6
76800	76850	10.8	21.5	10.6	21.6
76850	76900	10.8	21.5	10.8	21.4
76900	76950	10.8	21.7	10.6	21.5
76950	77000	10.8	21.7	10.6	21.6
77000	77050	10.8	21.5	10.6	21.6
77050	77100	10.8	21.5	10.6	21.6
77100	77150	10.7	21.7	10.6	21.6
77150	77200	10.8	21.7	10.6	21.6
77200	77250	10.8	21.6	10.7	21.6
77250	77300	10.8	21.5	10.7	21.6
77300	77350	10.8	21.8	10.7	21.4
77350	77400	10.8	21.8	10.8	21.4
77400	77450	10.8	21.7	10.7	21.5
77450	77500	10.8	21.7	10.8	21.5
77500	77550	10.7	21.6	10.8	21.5
77550	77600	10.7	21.6	10.8	21.4
77600	77650	10.7	21.6	10.8	21.3
77650	77700	10.7	21.6	10.9	21.4
77700	77750	10.6	21.5	10.9	21.4
77750	77800	10.7	21.6	10.9	21.4
77800	77850	10.7	21.5	10.9	21.4
77850	77900	10.7	21.6	10.9	21.3
77900	77950	10.7	21.6	10.9	21.3
77950	78000	10.6	21.7	10.9	21.3
78000	78050	10.6	21.8	10.9	21.4
78050	78100	10.6	21.8	10.8	21.4
78100	78150	10.6	21.7	10.8	21.4
78150	78200	10.6	21.6	10.7	21.5
78200	78250	10.6	21.6	10.7	21.6
78250	78300	10.6	21.5	10.7	21.7
78300	78350	10.6	21.5	10.6	21.7
78350	78400	10.6	21.6	10.6	21.7
78400	78450	10.6	21.6	10.6	21.6
78450	78500	10.6	21.6	10.7	21.5
78500	78550	10.6	21.7	10.7	21.5
78550	78600	10.6	21.7	10.7	21.5
78600	78650	10.6	21.6	10.7	21.6
78650	78700	10.6	21.6	10.6	21.7
78700	78750	10.6	21.6	10.6	21.7
78750	78800	10.6	21.6	10.6	21.5
78800	78850	10.6	21.7	10.6	21.6
78850	78900	10.7	21.7	10.7	21.6
78900	78950	10.7	21.6	10.7	21.6
78950	79000	10.7	21.6	10.8	21.6
79000	79050	10.7	21.6	10.9	21.5
79050	79100	10.7	21.6	10.9	21.4
79100	79150	10.7	21.7	10.9	21.4
79150	79200	10.7	21.7	10.8	21.6
79200	79250	10.7	21.7	10.8	21.6
79250	79300	10.7	21.7	10.7	21.6
79300	79350	10.7	21.7	10.6	21.5
79350	79400	10.7	21.8	10.6	21.6
79400	79450	10.7	21.6	10.7	21.7
79450	79500	10.7	21.5	10.6	21.8
79500	79550	10.7	21.6	10.6	21.7

Tramo		Espesores Capas (cm)			
79550	79600	10.7	21.6	10.7	21.6
79600	79650	10.7	21.5	10.8	21.5
79650	79700	10.7	21.6	10.9	21.4
79700	79750	10.7	21.7	10.9	21.5
79750	79800	10.7	21.6	10.7	21.5
79800	79850	10.7	21.7	10.6	21.5
79850	79900	10.7	21.8	10.6	21.5
79900	79950	10.7	21.7	10.6	21.5
79950	80000	10.7	21.8	10.7	21.6
80000	80050	10.8	21.4	10.6	21.6
80050	80100	10.9	21.4	10.6	21.6
80100	80150	10.8	21.4	10.6	21.6
80150	80200	10.6	21.5	10.7	21.6
80200	80250	10.6	21.5	10.7	21.6
80250	80300	10.7	21.4	10.7	21.5
80300	80350	10.6	21.4	10.7	21.5
80350	80400	10.7	21.4	10.7	21.5
80400	80450	10.8	21.4	10.7	21.5
80450	80500	10.9	21.4	10.7	21.5
80500	80550	10.9	21.4	10.7	21.5
80550	80600	10.9	21.3	10.6	21.6
80600	80650	10.9	21.3	10.7	21.5
80650	80700	10.9	21.3	10.7	21.6
80700	80750	10.8	21.3	10.7	21.6
80750	80800	10.8	21.4	10.7	21.6
80800	80850	10.7	21.4	10.7	21.6
80850	80900	10.7	21.5	10.7	21.6
80900	80950	10.6	21.5	10.7	21.6
80950	81000	10.6	21.5	10.7	21.5
81000	81050	10.6	21.5	10.7	21.3
81050	81100	10.6	21.5	10.7	21.4
81100	81150	10.6	21.5	10.7	21.4
81150	81200	10.6	21.5	10.6	21.4
81200	81250	10.6	21.5	10.6	21.5
81250	81300	10.6	21.5	10.6	21.5
81300	81350	10.6	21.5	10.7	21.5
81350	81400	10.6	21.5	10.7	21.5
81400	81450	10.6	21.5	10.7	21.6
81450	81500	10.6	21.4	10.7	21.7
81500	81550	10.6	21.4	10.7	21.6
81550	81600	10.6	21.4	10.7	21.7
81600	81650	10.6	21.4	10.7	21.6
81650	81700	10.6	21.4	10.7	21.6
81700	81750	10.6	21.4	10.7	21.5
81750	81800	10.6	21.4	10.8	21.5
81800	81850	10.6	21.4	10.7	21.6
81850	81900	10.6	21.4	10.7	21.5
81900	81950	10.6	21.4	10.7	21.6
81950	82000	10.6	21.4	10.8	21.5
82000	82050	10.6	21.4	10.8	21.5
82050	82100	10.6	21.4	10.8	21.5
82100	82150	10.6	21.4	10.8	21.4
82150	82200	10.6	21.4	10.8	21.5
82200	82250	10.6	21.4	10.8	21.5
82250	82300	10.6	21.4	10.8	21.5
82300	82350	10.6	21.4	10.8	21.5
82350	82400	10.6	21.4	10.8	21.5

Tramo		Espesores Capas (cm)			
82400	82450	10.6	21.4	10.8	21.5
82450	82500	10.6	21.4	10.8	21.6
82500	82550	10.7	21.4	10.7	21.7
82550	82600	10.6	21.4	10.8	21.6
82600	82650	10.6	21.4	10.8	21.5
82650	82700	10.6	21.4	10.8	21.5
82700	82750	10.6	21.4	10.8	21.5
82750	82800	10.6	21.4	10.8	21.5
82800	82850	10.6	21.4	10.8	21.4
82850	82900	10.6	21.4	10.9	21.4
82900	82950	10.6	21.4	10.8	21.4
82950	83000	10.6	21.4	10.8	21.4
83000	83050	10.6	21.4	10.9	21.5
83050	83100	10.6	21.4	10.9	21.5
83100	83150	10.6	21.4	10.9	21.4
83150	83200	10.6	21.4	10.9	21.5
83200	83250	10.6	21.4	10.9	21.5
83250	83300	10.6	21.4	10.9	21.4
83300	83350	10.6	21.4	10.9	21.5
83350	83400	10.6	21.4	10.9	21.5
83400	83450	10.6	21.4	10.8	21.4
83450	83500	10.6	21.5	10.8	21.5
83500	83550	10.6	21.4	10.9	21.5
83550	83600	10.6	21.5	10.9	21.5
83600	83650	10.6	21.5	10.9	21.4
83650	83700	10.6	21.5	10.9	21.3
83700	83750	10.6	21.5	10.9	21.3
83750	83800	10.6	21.5	10.9	21.4
83800	83850	10.6	21.5	10.9	21.3
83850	83900	10.6	21.5	10.9	21.3
83900	83950	10.6	21.5	10.9	21.3
83950	84000	10.6	21.5	10.9	21.4
84000	84050	10.6	21.5	10.9	21.4
84050	84100	10.6	21.5	10.9	21.4
84100	84150	10.6	21.5	10.9	21.5
84150	84200	10.6	21.5	10.9	21.4
84200	84250	10.6	21.5	10.9	21.4
84250	84300	10.6	21.5	10.9	21.4
84300	84350	10.6	21.5	10.9	21.4
84350	84400	10.6	21.5	10.9	21.4
84400	84450	10.6	21.5	10.9	21.4
84450	84500	10.6	21.5	10.9	21.4
84500	84550	10.6	21.5	10.9	21.3
84550	84600	10.6	21.5	10.9	21.2
84600	84650	10.6	21.5	10.9	21.3
84650	84700	10.6	21.5	10.9	21.3
84700	84750	10.6	21.5	10.9	21.3
84750	84800	10.6	21.5	10.9	21.5
84800	84850	10.6	21.5	10.9	21.6
84850	84900	10.6	21.5	10.9	21.6
84900	84950	10.6	21.5	10.9	21.6
84950	85000	10.6	21.5	10.9	21.5
85000	85050	10.6	21.5	10.9	21.5
85050	85100	10.6	21.5	10.9	21.5
85100	85150	10.6	21.5	10.9	21.5
85150	85200	10.6	21.5	10.9	21.5
85200	85250	10.6	21.5	10.9	21.3

Tramo		Espesores Capas (cm)			
85250	85300	10.6	21.5	10.9	21.4
85300	85350	10.6	21.5	10.9	21.4
85350	85400	10.6	21.5	10.9	21.4
85400	85450	10.6	21.5	10.9	21.4
85450	85500	10.6	21.5	10.9	21.5
85500	85550	10.6	21.5	10.9	21.5
85550	85600	10.6	21.5	10.9	21.4
85600	85650	10.6	21.5	10.9	21.5
85650	85700	10.6	21.5	10.9	21.5
85700	85750	10.6	21.5	10.9	21.5
85750	85800	10.6	21.5	10.9	21.5
85800	85850	10.6	21.5	10.9	21.5
85850	85900	10.6	21.5	10.9	21.4
85900	85950	10.7	21.5	10.9	21.5
85950	86000	10.7	21.5	10.9	21.5
86000	86050	10.7	21.5	10.8	21.5
86050	86100	10.7	21.5	10.9	21.7
86100	86150	10.7	21.5	10.9	21.7
86150	86200	10.7	21.5	10.9	21.7
86200	86250	10.7	21.4	10.9	21.6
86250	86300	10.7	21.4	10.9	21.6
86300	86350	10.7	21.5	10.8	21.6
86350	86400	10.7	21.5	10.8	21.6
86400	86450	10.7	21.5	10.8	21.5
86450	86500	10.7	21.5	10.8	21.5
86500	86550	10.7	21.5	10.8	21.5
86550	86600	10.7	21.5	10.8	21.5
86600	86650	10.7	21.5	10.8	21.5
86650	86700	10.7	21.5	10.8	21.6
86700	86750	10.7	21.5	10.8	21.5
86750	86800	10.7	21.5	10.8	21.5
86800	86850	10.8	21.4	10.8	21.6
86850	86900	10.8	21.3	10.8	21.6
86900	86950	10.8	21.3	10.8	21.4
86950	87000	10.8	21.3	10.8	21.4
87000	87050	10.8	21.3	10.7	21.4
87050	87100	10.8	21.3	10.8	21.4
87100	87150	10.8	21.3	10.8	21.4
87150	87200	10.8	21.3	10.7	21.5
87200	87250	10.9	21.3	10.7	21.5
87250	87300	10.8	21.3	10.8	21.4
87300	87350	10.8	21.3	10.7	21.5
87350	87400	10.8	21.3	10.7	21.5
87400	87450	10.8	21.3	10.7	21.4
87450	87500	10.8	21.3	10.7	21.4
87500	87550	10.9	21.3	10.6	21.5
87550	87600	10.9	21.3	10.6	21.5
87600	87650	10.9	21.3	10.6	21.4
87650	87700	10.9	21.3	10.6	21.4
87700	87750	10.9	21.3	10.7	21.4
87750	87800	10.8	21.3	10.6	21.5
87800	87850	10.9	21.3	10.7	21.5
87850	87900	10.9	21.3	10.7	21.6
87900	87950	10.9	21.3	10.7	21.6
87950	88000	10.9	21.3	10.7	21.6
88000	88050	10.9	21.3	10.8	21.6
88050	88100	10.9	21.3	10.8	21.6

Tramo		Espesores Capas (cm)			
88100	88150	10.9	21.3	10.7	21.5
88150	88200	10.9	21.3	10.6	21.5
88200	88250	10.9	21.3	10.6	21.6
88250	88300	10.9	21.3	10.6	21.5
88300	88350	10.9	21.4	10.6	21.6
88350	88400	10.9	21.3	10.6	21.7
88400	88450	10.9	21.3	10.6	21.6
88450	88500	10.9	21.4	10.6	21.6
88500	88550	10.9	21.4	10.6	21.6
88550	88600	10.9	21.4	10.7	21.5
88600	88650	10.9	21.4	10.7	21.5
88650	88700	10.9	21.3	10.7	21.6
88700	88750	10.9	21.4	10.7	21.5
88750	88800	10.9	21.4	10.7	21.6
88800	88850	10.9	21.4	10.7	21.6
88850	88900	10.9	21.4	10.7	21.6
88900	88950	10.9	21.4	10.7	21.6
88950	89000	10.9	21.4	10.6	21.6
89000	89050	10.9	21.4	10.6	21.6
89050	89100	10.9	21.4	10.6	21.6
89100	89150	10.9	21.4	10.6	21.6
89150	89200	10.9	21.4	10.6	21.6
89200	89250	10.9	21.4	10.7	21.6
89250	89300	10.9	21.4	10.7	21.6
89300	89350	10.9	21.4	10.8	21.6
89350	89400	10.9	21.4	10.8	21.5
89400	89450	10.9	21.4	10.9	21.5
89450	89500	10.9	21.4	10.9	21.4
89500	89550	10.9	21.4	10.9	21.5
89550	89600	10.9	21.4	10.8	21.5
89600	89650	10.9	21.4	10.7	21.5
89650	89700	10.8	21.4	10.6	21.4
89700	89750	10.8	21.4	10.7	21.5
89750	89800	10.8	21.4	10.6	21.5
89800	89850	10.8	21.4	10.6	21.6
89850	89900	10.8	21.4	10.6	21.6
89900	89950	10.8	21.4	10.8	21.5
89950	90000	10.8	21.4	10.9	21.6
90000	90050	10.7	21.4	11.6	21.3
90050	90100	10.6	21.4	11.6	21.3
90100	90150	10.7	21.3	11.6	21.3
90150	90200	10.9	21.3	11.6	21.3
90200	90250	10.8	21.3	11.5	21.4
90250	90300	10.6	21.4	11.5	21.4
90300	90350	10.6	21.4	11.5	21.4
90350	90400	10.6	21.3	11.4	21.4
90400	90450	10.7	21.3	11.4	21.4
90450	90500	10.9	21.3	11.4	21.4
90500	90550	10.9	21.2	11.4	21.4
90550	90600	10.9	21.2	11.3	21.4
90600	90650	10.8	21.3	11.3	21.4
90650	90700	10.6	21.4	11.3	21.4
90700	90750	10.6	21.4	11.2	21.4
90750	90800	10.6	21.4	11.2	21.5
90800	90850	10.6	21.3	11.2	21.5
90850	90900	10.6	21.3	11.2	21.5
90900	90950	10.7	21.3	11.1	21.5

Tramo		Espesores Capas (cm)			
90950	91000	10.8	21.3	11.1	21.5
91000	91050	10.9	21.3	11.1	21.5
91050	91100	10.9	21.3	11.0	21.5
91100	91150	10.9	21.2	11.0	21.5
91150	91200	10.9	21.2	11.0	21.5
91200	91250	10.9	21.2	11.0	21.5
91250	91300	10.8	21.2	10.9	21.5
91300	91350	10.7	21.3	10.9	21.6
91350	91400	10.6	21.4	10.9	21.6
91400	91450	10.6	21.4	10.8	21.6
91450	91500	10.6	21.4	10.8	21.6
91500	91550	10.6	21.4	10.8	21.6
91550	91600	10.6	21.4	10.7	21.6
91600	91650	10.7	21.3	10.7	21.6
91650	91700	10.7	21.3	10.7	21.6
91700	91750	10.6	21.3	10.7	21.6
91750	91800	10.7	21.3	10.7	21.6
91800	91850	10.7	21.3	10.7	21.6
91850	91900	10.8	21.3	10.7	21.7
91900	91950	10.8	21.3	10.8	21.7
91950	92000	10.8	21.3	10.8	21.7
92000	92050	10.9	21.3	10.8	21.7
92050	92100	10.9	21.3	10.8	21.7
92100	92150	10.9	21.3	10.7	21.6
92150	92200	10.9	21.2	10.8	21.6
92200	92250	10.9	21.2	10.8	21.6
92250	92300	10.9	21.2	10.7	21.7
92300	92350	10.9	21.2	10.7	21.7
92350	92400	10.9	21.2	10.7	21.7
92400	92450	10.9	21.2	10.7	21.6
92450	92500	10.8	21.2	10.7	21.6
92500	92550	10.9	21.2	10.7	21.5
92550	92600	10.7	21.3	10.7	21.6
92600	92650	10.7	21.3	10.6	21.6
92650	92700	10.7	21.4	10.6	21.5
92700	92750	10.6	21.4	10.6	21.6
92750	92800	10.6	21.4	10.6	21.6
92800	92850	10.6	21.4	10.7	21.6
92850	92900	10.6	21.4	10.7	21.5
92900	92950	10.6	21.4	10.7	21.6
92950	93000	10.6	21.4	10.7	21.6
93000	93050	10.6	21.4	10.6	21.7
93050	93100	10.6	21.4	10.6	21.7
93100	93150	10.6	21.4	10.6	21.7
93150	93200	10.7	21.3	10.6	21.7
93200	93250	10.6	21.3	10.7	21.6
93250	93300	10.7	21.3	10.7	21.5
93300	93350	10.7	21.3	10.6	21.6
93350	93400	10.7	21.3	10.6	21.7
93400	93450	10.7	21.3	10.6	21.6
93450	93500	10.7	21.3	10.6	21.6
93500	93550	10.6	21.3	10.6	21.6
93550	93600	10.7	21.3	10.6	21.6
93600	93650	10.6	21.3	10.7	21.7
93650	93700	10.6	21.3	10.6	21.6
93700	93750	10.6	21.3	10.6	21.6
93750	93800	10.6	21.3	10.6	21.6



Tramo		Espesores Capas (cm)			
93800	93850	10.6	21.3	10.6	21.5
93850	93900	10.7	21.3	10.6	21.5
93900	93950	10.7	21.3	10.6	21.6
93950	94000	10.7	21.3	10.6	21.6
94000	94050	10.8	21.3	10.6	21.6
94050	94100	10.8	21.3	10.6	21.6
94100	94150	10.8	21.3	10.6	21.6
94150	94200	10.8	21.3	10.6	21.5
94200	94250	10.8	21.3	10.6	21.5
94250	94300	10.9	21.3	10.6	21.4
94300	94350	10.9	21.3	10.6	21.5
94350	94400	10.9	21.3	10.6	21.6
94400	94450	10.9	21.3	10.6	21.6
94450	94500	10.9	21.3	10.6	21.6
94500	94550	10.9	21.3	10.6	21.6
94550	94600	10.9	21.3	10.7	21.6
94600	94650	10.9	21.3	10.7	21.6
94650	94700	10.9	21.3	10.7	21.6
94700	94750	10.9	21.3	10.7	21.6
94750	94800	10.9	21.2	10.7	21.5
94800	94850	10.9	21.2	10.7	21.6
94850	94900	10.9	21.2	10.7	21.6
94900	94950	10.9	21.2	10.7	21.5
94950	95000	10.9	21.2	10.7	21.5
95000	95050	10.9	21.2	10.7	21.6
95050	95100	10.9	21.2	10.7	21.6
95100	95150	10.9	21.2	10.7	21.6
95150	95200	10.9	21.2	10.7	21.6
95200	95250	10.9	21.2	10.7	21.6
95250	95300	10.8	21.2	10.7	21.5
95300	95350	10.8	21.2	10.7	21.5
95350	95400	10.8	21.3	10.7	21.6
95400	95450	10.8	21.3	10.6	21.6
95450	95500	10.8	21.3	10.6	21.6
95500	95550	10.8	21.3	10.6	21.6
95550	95600	10.8	21.3	10.6	21.6
95600	95650	10.8	21.3	10.6	21.7
95650	95700	10.8	21.3	10.6	21.6
95700	95750	10.7	21.3	10.6	21.7
95750	95800	10.7	21.3	10.6	21.6
95800	95850	10.7	21.3	10.6	21.6
95850	95900	10.8	21.3	10.6	21.5
95900	95950	10.7	21.3	10.6	21.5
95950	96000	10.7	21.4	10.6	21.6
96000	96050	10.7	21.4	10.6	21.6
96050	96100	10.7	21.3	10.6	21.6
96100	96150	10.7	21.4	10.6	21.6
96150	96200	10.7	21.4	10.6	21.6
96200	96250	10.7	21.4	10.6	21.5
96250	96300	10.7	21.4	10.6	21.6
96300	96350	10.7	21.4	10.6	21.6
96350	96400	10.6	21.4	10.6	21.6
96400	96450	10.6	21.4	10.6	21.5
96450	96500	10.7	21.4	10.7	21.5
96500	96550	10.6	21.4	10.7	21.6
96550	96600	10.6	21.4	10.7	21.5
96600	96650	10.6	21.4	10.7	21.6

Tramo		Espesores Capas (cm)			
96650	96700	10.6	21.4	10.7	21.6
96700	96750	10.6	21.4	10.7	21.7
96750	96800	10.6	21.4	10.7	21.6
96800	96850	10.6	21.4	10.7	21.6
96850	96900	10.6	21.4	10.7	21.6
96900	96950	10.6	21.4	10.7	21.6
96950	97000	10.6	21.4	10.7	21.7
97000	97050	10.6	21.4	10.7	21.7
97050	97100	10.6	21.4	10.6	21.4
97100	97150	10.6	21.4	10.6	21.5
97150	97200	10.6	21.4	10.6	21.6
97200	97250	10.6	21.4	10.6	21.6
97250	97300	10.6	21.4	10.6	21.6
97300	97350	10.6	21.4	10.6	21.6
97350	97400	10.6	21.4	10.6	21.6
97400	97450	10.6	21.4	10.6	21.6
97450	97500	10.6	21.4	10.6	21.7
97500	97550	10.6	21.4	10.6	21.6
97550	97600	10.6	21.4	10.6	21.8
97600	97650	10.6	21.4	10.6	21.7
97650	97700	10.6	21.4	10.6	21.8
97700	97750	10.6	21.4	10.6	21.8
97750	97800	10.6	21.4	10.6	21.7
97800	97850	10.6	21.4	10.6	21.7
97850	97900	10.6	21.4	10.7	21.6
97900	97950	10.6	21.4	10.7	21.6
97950	98000	10.6	21.4	10.7	21.6
98000	98050	10.6	21.4	10.7	21.7
98050	98100	10.6	21.4	10.7	21.6
98100	98150	10.6	21.4	10.7	21.6
98150	98200	10.6	21.4	10.8	21.5
98200	98250	10.6	21.4	10.8	21.4
98250	98300	10.6	21.4	10.8	21.4
98300	98350	10.6	21.4	10.8	21.4
98350	98400	10.6	21.4	10.8	21.3
98400	98450	10.6	21.4	10.8	21.4
98450	98500	10.6	21.4	10.9	21.4
98500	98550	10.6	21.4	10.9	21.3
98550	98600	10.6	21.4	10.9	21.5
98600	98650	10.6	21.4	10.9	21.4
98650	98700	10.6	21.4	10.9	21.4
98700	98750	10.6	21.4	10.9	21.5
98750	98800	10.6	21.4	10.9	21.5
98800	98850	10.6	21.4	10.9	21.5
98850	98900	10.6	21.4	10.9	21.5
98900	98950	10.6	21.4	10.8	21.5
98950	99000	10.6	21.4	10.8	21.5
99000	99050	10.6	21.4	10.8	21.5
99050	99100	10.6	21.4	10.7	21.6
99100	99150	10.6	21.4	10.7	21.6
99150	99200	10.6	21.4	10.6	21.6
99200	99250	10.6	21.4	10.6	21.6
99250	99300	10.6	21.4	10.6	21.6
99300	99350	10.6	21.4	10.6	21.5
99350	99400	10.6	21.4	10.7	21.5
99400	99450	10.6	21.4	10.6	21.5
99450	99500	10.6	21.4	10.6	21.6

Tramo		Espesores Capas (cm)			
99500	99550	10.6	21.4	10.6	21.6
99550	99600	10.6	21.4	10.6	21.6
99600	99650	10.6	21.4	10.8	21.5
99650	99700	10.6	21.4	10.8	21.4
99700	99750	10.7	21.4	10.9	21.4
99750	99800	10.7	21.3	10.8	21.4
99800	99850	10.6	21.3	10.7	21.5
99850	99900	10.7	21.4	10.6	21.5
99900	99950	10.7	21.3	10.6	21.5
99950	100000	10.7	21.3	10.6	21.7
100000	100050	10.6	21.4	10.7	21.5
100050	100100	10.6	21.4	10.7	21.5
100100	100150	10.6	21.3	10.6	21.5
100150	100200	10.6	21.3	10.6	21.5
100200	100250	10.8	21.3	10.6	21.5
100250	100300	10.9	21.3	10.6	21.5
100300	100350	10.9	21.3	10.7	21.5
100350	100400	10.9	21.2	10.7	21.5
100400	100450	10.9	21.2	10.7	21.6
100450	100500	10.8	21.3	10.6	21.6
100500	100550	10.7	21.3	10.6	21.6
100550	100600	10.7	21.4	10.6	21.7
100600	100650	10.7	21.4	10.6	21.6
100650	100700	10.6	21.4	10.6	21.7
100700	100750	10.6	21.4	10.6	21.6
100750	100800	10.6	21.4	10.7	21.6
100800	100850	10.6	21.4	10.8	21.6
100850	100900	10.6	21.4	10.8	21.5
100900	100950	10.6	21.4	10.9	21.5
100950	101000	10.7	21.3	10.9	21.5
101000	101050	10.7	21.3	10.9	21.4
101050	101100	10.7	21.3	10.8	21.5
101100	101150	10.7	21.3	10.7	21.5
101150	101200	10.7	21.3	10.6	21.6
101200	101250	10.7	21.3	10.7	21.4
101250	101300	10.7	21.3	10.7	21.4
101300	101350	10.7	21.3	10.7	21.4
101350	101400	10.7	21.3	10.7	21.5
101400	101450	10.7	21.3	10.7	21.5
101450	101500	10.6	21.3	10.7	21.5
101500	101550	10.6	21.3	10.7	21.5
101550	101600	10.6	21.3	10.7	21.4
101600	101650	10.6	21.3	10.7	21.4
101650	101700	10.6	21.3	10.7	21.4
101700	101750	10.6	21.3	10.7	21.5
101750	101800	10.6	21.3	10.7	21.4
101800	101850	10.6	21.3	10.7	21.5
101850	101900	10.6	21.3	10.7	21.4
101900	101950	10.6	21.3	10.6	21.5
101950	102000	10.6	21.3	10.6	21.6
102000	102050	10.6	21.3	10.7	21.4
102050	102100	10.7	21.3	10.7	21.5
102100	102150	10.6	21.3	10.7	21.4
102150	102200	10.6	21.3	10.7	21.4
102200	102250	10.6	21.3	10.7	21.5
102250	102300	10.7	21.3	10.6	21.4
102300	102350	10.7	21.3	10.6	21.4

Tramo		Espesores Capas (cm)			
102350	102400	10.6	21.3	10.7	21.4
102400	102450	10.7	21.3	10.7	21.5
102450	102500	10.7	21.3	10.7	21.5
102500	102550	10.7	21.3	10.6	21.6
102550	102600	10.7	21.3	10.6	21.5
102600	102650	10.7	21.3	10.6	21.4
102650	102700	10.6	21.3	10.7	21.5
102700	102750	10.7	21.3	10.6	21.5
102750	102800	10.7	21.3	10.7	21.6
102800	102850	10.7	21.3	10.6	21.6
102850	102900	10.7	21.3	10.6	21.5
102900	102950	10.7	21.3	10.6	21.6
102950	103000	10.7	21.3	10.6	21.6
103000	103050	10.7	21.3	10.6	21.6
103050	103100	10.7	21.3	10.6	21.5
103100	103150	10.7	21.3	10.6	21.6
103150	103200	10.7	21.3	10.6	21.6
103200	103250	10.7	21.3	10.6	21.5
103250	103300	10.7	21.3	10.6	21.6
103300	103350	10.7	21.3	10.6	21.6
103350	103400	10.7	21.3	10.6	21.5
103400	103450	10.7	21.3	10.6	21.5
103450	103500	10.7	21.3	10.6	21.5
103500	103550	10.7	21.3	10.6	21.6
103550	103600	10.7	21.3	10.6	21.5
103600	103650	10.7	21.3	10.6	21.5
103650	103700	10.7	21.3	10.6	21.5
103700	103750	10.7	21.3	10.6	21.4
103750	103800	10.8	21.3	10.6	21.6
103800	103850	10.8	21.3	10.6	21.5
103850	103900	10.8	21.3	10.6	21.5
103900	103950	10.7	21.3	10.6	21.5
103950	104000	10.7	21.3	10.6	21.6
104000	104050	10.7	21.3	10.6	21.6
104050	104100	10.7	21.3	10.6	21.5
104100	104150	10.7	21.3	10.6	21.6
104150	104200	10.7	21.3	10.6	21.7
104200	104250	10.8	21.3	10.6	21.6
104250	104300	10.7	21.3	10.6	21.7
104300	104350	10.7	21.3	10.6	21.7
104350	104400	10.7	21.3	10.6	21.6
104400	104450	10.7	21.3	10.6	21.6
104450	104500	10.7	21.3	10.6	21.6
104500	104550	10.7	21.3	10.6	21.6
104550	104600	10.7	21.3	10.6	21.6
104600	104650	10.7	21.3	10.6	21.6
104650	104700	10.7	21.3	10.6	21.6
104700	104750	10.7	21.3	10.6	21.5
104750	104800	10.7	21.3	10.6	21.6
104800	104850	10.7	21.3	10.6	21.6
104850	104900	10.7	21.3	10.6	21.6
104900	104950	10.7	21.3	10.6	21.6
104950	105000	10.7	21.3	10.6	21.5
105000	105050	10.7	21.3	10.6	21.6
105050	105100	10.7	21.3	10.6	21.6
105100	105150	10.7	21.3	10.6	21.7
105150	105200	10.7	21.3	10.6	21.6

Tramo		Espesores Capas (cm)			
105200	105250	10.7	21.3	10.6	21.6
105250	105300	10.7	21.3	10.6	21.5
105300	105350	10.7	21.3	10.7	21.5
105350	105400	10.7	21.3	10.6	21.5
105400	105450	10.7	21.3	10.6	21.5
105450	105500	10.7	21.3	10.7	21.6
105500	105550	10.7	21.3	10.7	21.5
105550	105600	10.7	21.3	10.6	21.5
105600	105650	10.7	21.3	10.7	21.5
105650	105700	10.7	21.3	10.7	21.4
105700	105750	10.7	21.3	10.6	21.5
105750	105800	10.7	21.3	10.7	21.5
105800	105850	10.7	21.3	10.7	21.6
105850	105900	10.7	21.3	10.7	21.6
105900	105950	10.7	21.3	10.7	21.5
105950	106000	10.7	21.3	10.7	21.5
106000	106050	10.7	21.3	10.7	21.5
106050	106100	10.7	21.3	10.7	21.6
106100	106150	10.7	21.3	10.7	21.6
106150	106200	10.7	21.3	10.7	21.6
106200	106250	10.7	21.3	10.7	21.4
106250	106300	10.7	21.3	10.7	21.5
106300	106350	10.7	21.3	10.7	21.6
106350	106400	10.7	21.3	10.7	21.5
106400	106450	10.6	21.3	10.7	21.6
106450	106500	10.6	21.3	10.7	21.6
106500	106550	10.7	21.3	10.7	21.5
106550	106600	10.7	21.3	10.7	21.5
106600	106650	10.6	21.3	10.7	21.6
106650	106700	10.6	21.3	10.6	21.6
106700	106750	10.6	21.3	10.6	21.6
106750	106800	10.6	21.3	10.7	21.5
106800	106850	10.7	21.3	10.6	21.6
106850	106900	10.6	21.3	10.6	21.5
106900	106950	10.6	21.3	10.6	21.6
106950	107000	10.7	21.3	10.6	21.5
107000	107050	10.6	21.3	10.6	21.6
107050	107100	10.7	21.4	10.6	21.6
107100	107150	10.7	21.3	10.6	21.6
107150	107200	10.7	21.3	10.6	21.6
107200	107250	10.7	21.3	10.6	21.5
107250	107300	10.7	21.3	10.6	21.6
107300	107350	10.7	21.3	10.6	21.7
107350	107400	10.7	21.3	10.6	21.8
107400	107450	10.7	21.3	10.6	21.8
107450	107500	10.7	21.3	10.6	21.7
107500	107550	10.7	21.3	10.7	21.8
107550	107600	10.7	21.3	10.7	21.8
107600	107650	10.6	21.4	10.7	21.7
107650	107700	10.6	21.3	10.7	22.0
107700	107750	10.6	21.3	10.7	21.7
107750	107800	10.6	21.3	10.7	21.7
107800	107850	10.6	21.3	10.7	21.4
107850	107900	10.6	21.3	10.7	21.3
107900	107950	10.6	21.3	10.7	21.4
107950	108000	10.6	21.3	10.7	21.4
108000	108050	10.7	21.3	10.7	21.7

Tramo		Espesores Capas (cm)			
108050	108100	10.6	21.3	10.8	21.6
108100	108150	10.7	21.3	10.8	21.5
108150	108200	10.7	21.3	10.8	21.5
108200	108250	10.7	21.3	10.8	21.5
108250	108300	10.7	21.3	10.8	21.4
108300	108350	10.7	21.3	10.8	21.5
108350	108400	10.7	21.3	10.8	21.6
108400	108450	10.7	21.3	10.9	21.5
108450	108500	10.7	21.3	10.9	21.5
108500	108550	10.7	21.3	10.9	21.5
108550	108600	10.6	21.3	10.9	21.5
108600	108650	10.6	21.3	10.9	21.5
108650	108700	10.6	21.3	10.8	21.4
108700	108750	10.6	21.3	10.8	21.5
108750	108800	10.6	21.3	10.8	21.5
108800	108850	10.6	21.3	10.8	21.5
108850	108900	10.6	21.3	10.8	21.6
108900	108950	10.6	21.3	10.7	21.6
108950	109000	10.6	21.3	10.7	21.6
109000	109050	10.6	21.3	10.7	21.6
109050	109100	10.7	21.3	10.7	21.6
109100	109150	10.7	21.3	10.7	21.4
109150	109200	10.7	21.3	10.6	21.4
109200	109250	10.7	21.3	10.6	21.6
109250	109300	10.7	21.3	10.6	21.6
109300	109350	10.7	21.3	10.7	21.6
109350	109400	10.7	21.3	10.7	21.6
109400	109450	10.7	21.3	10.7	21.5
109450	109500	10.7	21.3	10.7	21.5
109500	109550	10.7	21.3	10.7	21.5
109550	109600	10.7	21.3	10.7	21.7
109600	109650	10.7	21.3	10.7	21.8
109650	109700	10.7	21.3	10.6	21.7
109700	109750	10.7	21.3	10.6	21.8
109750	109800	10.7	21.3	10.6	21.7
109800	109850	10.7	21.3	10.6	21.7
109850	109900	10.7	21.3	10.6	21.7
109900	109950	10.7	21.3	10.6	21.7
109950	110000	10.7	21.3	10.7	21.7
110000	110050	10.7	21.3	10.7	21.7
110050	110100	10.8	21.3	10.8	21.5
110100	110150	10.8	21.3	10.8	21.5
110150	110200	10.8	21.3	10.8	21.4
110200	110250	10.8	21.3	10.8	21.4
110250	110300	10.8	21.3	10.8	21.5
110300	110350	10.7	21.4	10.9	21.5
110350	110400	10.6	21.4	10.8	21.5
110400	110450	10.6	21.4	10.8	21.4
110450	110500	10.6	21.4	10.8	21.4
110500	110550	10.6	21.4	10.7	21.6
110550	110600	10.7	21.3	10.7	21.4
110600	110650	10.7	21.3	10.6	21.4
110650	110700	10.7	21.3	10.6	21.2
110700	110750	10.7	21.3	10.6	21.1
110750	110800	10.7	21.3	10.6	21.1
110800	110850	10.7	21.3	10.6	21.0
110850	110900	10.7	21.3	10.6	21.0

Tramo		Espesores Capas (cm)			
110900	110950	10.7	21.3	10.6	21.1
110950	111000	10.7	21.3	10.6	21.1
111000	111050	10.7	21.3	10.8	20.9
111050	111100	10.7	21.3	10.8	21.0
111100	111150	10.7	21.3	10.8	20.8
111150	111200	10.7	21.3	10.8	20.7
111200	111250	10.7	21.3	10.8	20.4
111250	111300	10.8	21.3	10.6	20.6
111300	111350	10.7	21.3	10.8	20.5
111350	111400	10.8	21.3	10.8	20.4
111400	111450	10.8	21.3	10.8	20.3
111450	111500			10.8	20.2
111500	111550			10.8	20.2
111550	111600			10.8	20.1
111600	111650			10.9	20.0
111650	111700			10.9	19.9