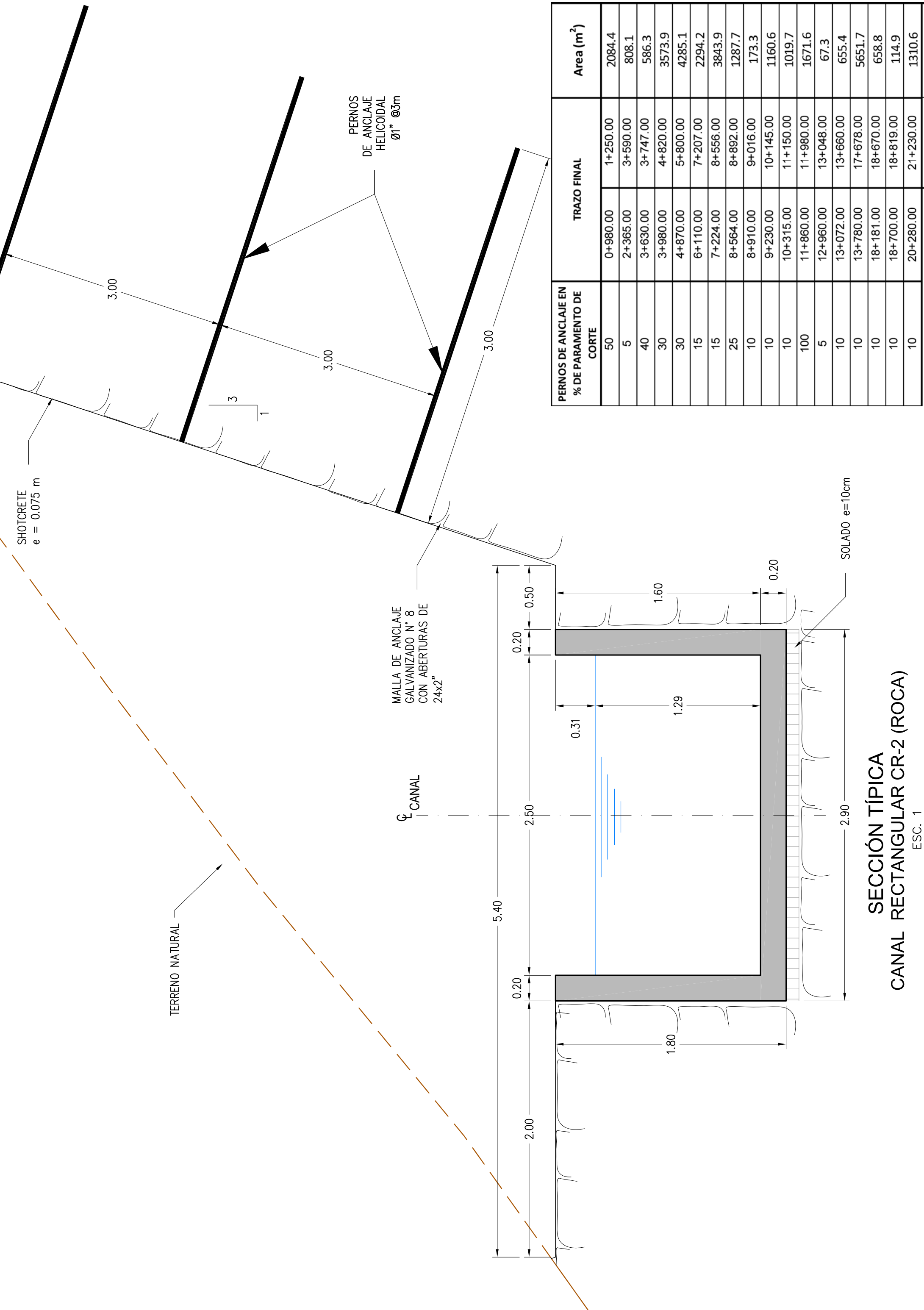
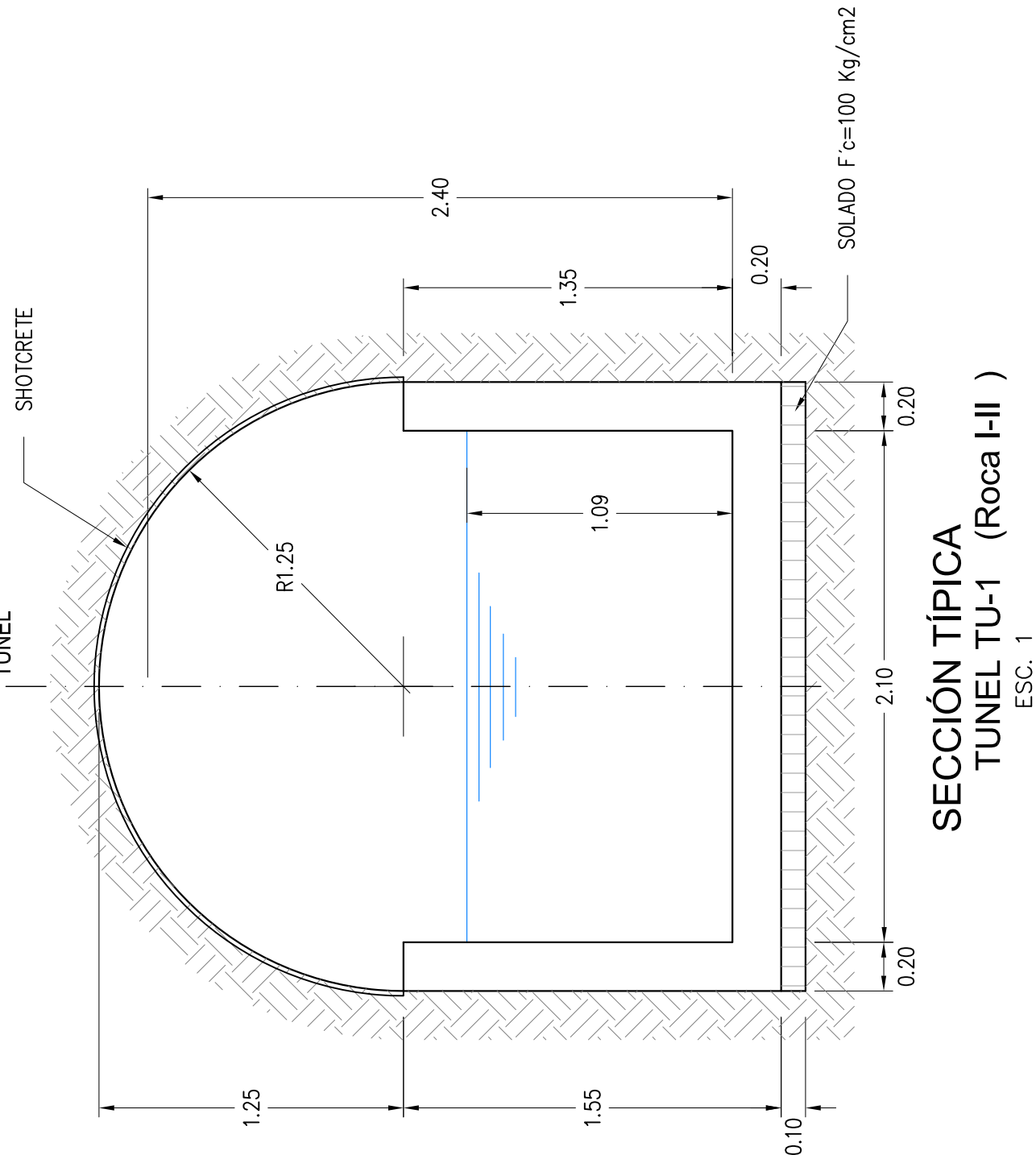
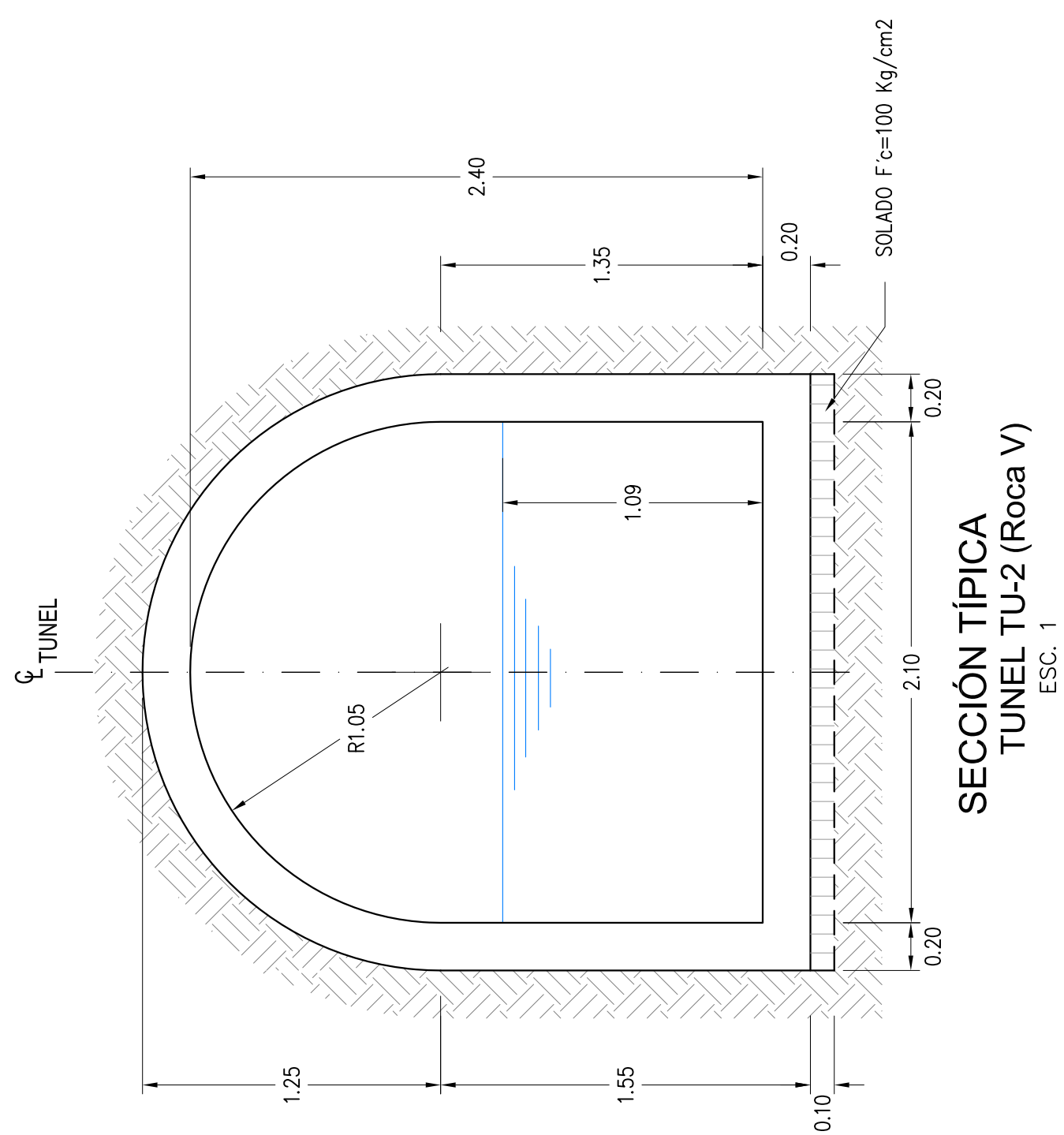


CUADRO DE CARACTERISTICAS HIDRAULICAS

Codigo	Sección	Q.		n	S		B (m)	Z	Y		BL	B/V	H	T	A	P	Rh	V	F
		m ³ /s	m		m/m	m			m	m ²									
CR-1	Rectangular	5,000	0.0015	2.50	0	1.29	0.31	1.94	1.60	2.50	3.23	5.08	0.63	1.5504	2.50	0.4359	m		
CR-2	Rectangular	5,000	0.0010	2.50	0	1.29	0.31	1.94	1.60	2.50	3.23	5.08	0.63	1.5504	2.50	0.4359	m		
TL-1	Tunnel	5,000	0.0015	2.10	0	1.09	0.26	1.93	1.35	2.10	2.29	4.28	0.53	2.1844	2.10	0.6681	m		



PIENOS DE ANCLAJE EN % DE PARAMENTO DE CORTE	TRAZO FINAL		Area (m ²)
	0+980.00	1+250.00	
50	2+385.00	3+590.00	2084.4
5	3+630.00	3+747.00	808.1
40	3+980.00	4+820.00	586.3
30	4+870.00	5+800.00	3573.9
30	6+110.00	7+207.00	4285.1
15	7+224.00	8+556.00	2294.2
15	8+594.00	9+892.00	3843.9
25	9+910.00	9+016.00	1287.7
10	9+230.00	10+145.00	1160.6
10	10+315.00	11+150.00	1019.7
100	11+860.00	11+980.00	1671.6
5	12+980.00	13+048.00	67.3
10	13+072.00	13+650.00	655.4
10	13+780.00	17+878.00	5651.7
10	18+181.00	18+670.00	658.8
10	18+700.00	18+819.00	114.9
	20+280.00	21+230.00	1310.6
		Total	31247.5



MATERIAL	TALUD DE CORTE PROPUESTO
Suelo aluvial de cauce activo	
Terraza baja	
Suelo mixtos	1.5(H):1(V)
Suelo coluvial	
Depósito de glaci	1(H):1(V)
Depósito de cono de deyección	
Terraza alta	0.5(H):1(V)
Fm. Batolito de la Costa (Unidad Tiabaya)	
Fm. Batolito de la Costa (Unidad Pampahuasi)	
Fm. Portachuelo	0.33(H):1(V)
Fm. Yura	

[illegible]