

ANEJO D. RESULTADOS GRANULOMÉTRICOS

Rio: Bernesga

Fecha Muestreo: 2017

Peso Seco Muestra (g)*: No se han medido

 Identificacion de las muestras (#):

ID Segun Informe:	ID =	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	2	1
3 20 21 22 23 24 25 26																		
coord. long. (m):	s =	430.0	1750.0	2992.3	4010.7	5015.2	6024.3	7533.3	9289.8	10295.0								
11169.7 11826.7 12690.8 14334.5 15235.8 16410.8 17629.7 18849.6 19885.3 21057.1 22233.5																		
23763.2 24447.4 25670.4 27296.5 28232.6																		

 Datos estadisticos de las muestras (#):

Diametro medio geometrico (mm):	Dg =	4.43	11.02	12.38	0.82	1.08	2.43	11.58	0.83	0.85	9.79	20.35						
12.76 2.70 2.46 14.30 17.50 4.86 11.05 7.64 13.18 12.38 10.85 12.47 8.30 11.58																		
Desviacion standard geometrica (-):	sg =	5.60	6.49	5.68	3.46	3.35	3.94	4.06	1.96	1.75	5.50							
3.00 3.65 6.30 12.83 4.72 4.60 5.24 5.63 4.95 4.80 4.58 4.95 3.69 6.69 4.09																		
Diametro medio aritmetico (mm):	Dm =	18.97	30.58	31.84	1.79	1.93	8.28	22.29	0.22	0.10	24.65	30.37						
21.12 14.25 21.87 29.94 35.21 12.55 27.46 18.51 27.16 27.14 27.49 23.25 24.56 23.15																		
Porcentaje de Finos (Dmin = 0.08 mm) (%):	PercFinos =	37.90	2.20	1.10	60.40	57.30	61.40	0.70	82.90	87.30								
5.60 0.20 0.70 47.40 8.50 0.80 1.40 4.90 1.30 1.50 0.50 0.70 2.30 1.00 4.00 0.40																		
Diametro asociado al percentil del 5%	D5 (mm):	NaN	0.16	0.29	NaN	NaN	NaN	0.52	NaN	NaN	NaN							
1.90 0.54 NaN NaN 0.47 0.47 0.08 0.37 0.40 0.50 0.55 0.44 0.71 0.11 0.67																		
Diametro asociado al percentil del 16%	D16 (mm):	NaN	0.88	1.55	NaN	NaN	NaN	2.47	NaN	NaN	NaN							
7.74 3.91 NaN 0.12 2.25 2.85 0.42 1.08 0.93 1.42 1.84 1.45 2.92 0.43 1.96																		
Diametro asociado al percentil del 25%	D25 (mm):	NaN	2.81	4.39	NaN	NaN	NaN	5.53	NaN	NaN	NaN							
12.98 8.77 NaN 0.18 6.50 8.17 0.86 2.31 1.75 6.47 5.00 2.76 6.26 1.19 4.67																		
Diametro asociado al percentil del 50%	D50 (mm):	1.91	19.71	18.21	NaN	NaN	NaN	17.69	NaN	NaN	NaN							
27.67 21.11 0.11 0.38 22.87 31.33 8.81 21.63 12.76 23.14 17.32 16.20 16.56 17.69 17.32																		
Diametro asociado al percentil del 75%	D75 (mm):	43.29	62.57	54.43	0.15	0.40	10.69	32.63	NaN	NaN	NaN							
45.50 30.69 31.18 50.83 53.17 65.38 20.37 51.54 30.81 48.30 50.97 40.84 35.35 37.82 33.85																		
Diametro asociado al percentil del 84%	D84 (mm):	54.79	68.57	76.99	0.37	3.49	23.73	39.12	0.09	NaN	NaN							
49.62 34.99 47.43 62.85 60.65 70.31 26.81 56.63 42.14 53.79 65.76 57.25 46.57 54.45 41.66																		
Diametro asociado al percentil del 90%	D90 (mm):	60.14	72.65	86.26	2.84	7.87	37.61	50.83	0.16	0.12	55.21							
57.06 38.18 53.60 68.84 66.94 73.80 32.44 60.29 47.76 57.08 70.78 84.34 57.64 65.45 58.33																		

 Curvas granulometricas (#):

Diametro (mm)	Pasa (%)																	
0.08	37.90	2.20	1.10	60.40	57.30	61.40	0.70	82.90	87.30	5.60	0.20	0.70	47.40	8.50	0.80			
1.40	4.90	1.30	1.50	0.50	0.70	2.30	1.00	4.00	0.40									
0.16	42.30	5.00	2.50	75.80	66.00	62.90	1.30	90.10	92.30	6.90	0.30	1.10	52.60	20.30	1.30			
1.90	6.90	1.90	2.00	0.70	1.10	2.60	1.10	6.20	0.60									
0.40	44.50	10.20	6.40	84.90	75.00	64.80	3.70	94.90	97.10	11.50	0.90	3.20	59.20	51.50	4.10			
4.30	15.40	5.30	5.00	2.60	2.90	4.20	2.20	15.30	1.50									
1.25	47.20	18.60	14.10	87.60	78.70	67.00	9.40	96.70	98.20	21.60	3.30	10.10	64.30	56.90	10.70			
9.30	29.60	17.60	19.80	14.90	10.50	13.70	7.70	25.40	9.20									

2.00	50.30	22.70	18.30	89.20	81.20	68.30	13.80	97.60	98.60	25.00	5.20	13.00	65.90	57.60	15.10
13.50	33.60	24.10	27.10	19.00	17.20	21.10	12.40	28.50	16.30						
5.00	56.10	28.90	26.10	91.30	85.80	70.90	23.40	98.90	99.50	32.40	10.60	17.10	67.60	58.40	22.10
20.00	39.40	29.90	35.10	22.90	25.00	32.20	21.10	32.30	25.70						
6.30	57.70	31.20	29.20	92.10	87.50	72.00	27.10	99.00	99.80	34.10	12.80	19.70	68.10	58.70	24.50
21.90	42.60	31.90	37.90	24.70	27.70	34.90	25.10	34.30	29.20						
10.00	62.00	37.30	36.90	94.70	92.70	74.40	35.80	99.50	100.00	38.10	20.00	27.10	68.90	59.50	
32.00	27.40	52.80	37.40	45.60	30.00	34.90	41.30	35.70	39.20	37.20					
12.50	63.50	40.50	41.60	95.30	95.00	76.40	40.10	99.50	100.00	40.20	23.80	31.50	69.20	60.20	
36.30	31.30	60.50	40.50	49.40	32.70	39.60	45.20	41.50	42.10	42.30					
20.00	67.40	50.30	52.10	96.70	98.80	81.70	53.50	100.00	100.00	47.20	38.80	46.50	70.80	62.30	
47.30	39.40	74.40	48.70	63.00	45.30	54.60	53.90	55.70	52.80	53.40					
25.00	68.00	55.60	56.70	96.70	100.00	84.70	61.80	100.00	100.00	51.60	46.80	60.90	71.90		
64.20	51.80	45.20	81.80	52.40	69.80	52.50	62.80	58.90	66.60	56.50	59.40				
40.00	73.30	62.80	66.30	100.00	100.00	90.80	85.10	100.00	100.00	70.30	61.60	93.20	78.50		
69.80	64.00	55.20	96.60	64.70	81.50	66.30	74.50	74.50	78.00	77.50	83.60				
50.00	78.10	68.40	72.50	100.00	100.00	100.00	89.70	100.00	100.00	82.50	84.80	96.60			
85.70	74.30	70.80	70.40	100.00	72.10	92.20	76.60	74.50	79.90	86.80	81.60	85.80			
63.00	93.00	75.20	79.30	100.00	100.00	100.00	93.90	100.00	100.00	100.00	100.00	93.90			
100.00	100.00	84.10	86.60	70.40	100.00	94.20	100.00	100.00	100.00	80.50	86.90	92.00	88.10	92.10	
80.00	100.00	100.00	84.90	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00		
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00		
86.90	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00		
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00		
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00		
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00		
125.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00		
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00		
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00		