Ministère de l'Agriculture de l'Hydraulique et des Ressources Halieutiques

Secretariat Général

Direction Générale des ressources en eau

Projet de valorisation de l'eau dans le Nord

BURKINA FASO

Unité - Progrès - Justice

ETUDES D'AVANT PROJET DETAILLE DE L'AMENAGEMENT DES PERIMETRES IRRIGUES DE LIPTOUGOU (GNAGNA)

PERIMETRE DE RIVE DROITE

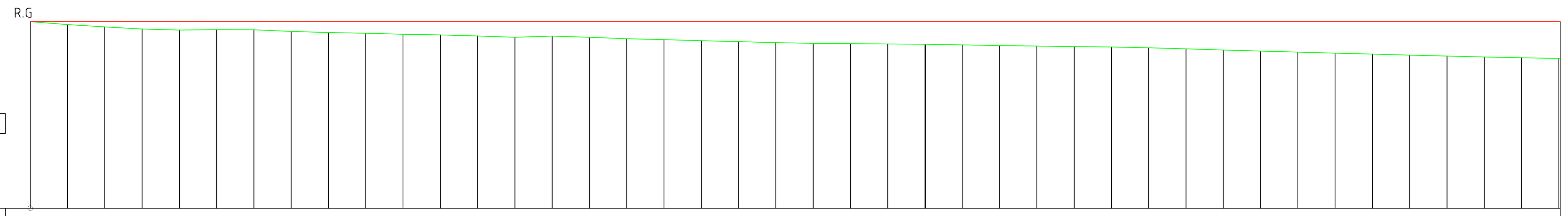
PROFIL EN LONG DE LA DIGUE DE PROTECTION (DDP)

GROUPEMENT :	DEPARTEMENT : Hydraulique	MODIFICATIONS
BETICO — BP: 1840 – Bamako, Tél. (223) 2028 75 21, Fax. (223) 2028 48 83, Email: betico@betico.net	N° PROJET :	A — 1ème Edition Aout 2010
CINTECH — INGENIEURS CONSEILS, GEOMETRE EXPERT, Cabinet d'Investigation Technique d'Expertise et de Contrôle, 01 BP 6450 Ouagadougou 01, Tél. (226) 50.43.12.59/50.43.24.27, Fax. (226) 50.43.24.28, Email: cintech@fasonet.bf	PHASE :	
	Echelle : 1/1000	N° du Plan : 1/1

digue de protection (DDP)

Profil en long n° 16

Echelle horizontale : 1000
Echelle verticale : 100
Plan de comparaison : 45



Numéros de profils en travers	Altitudes T.N.	Altitudes projet	Ecarts T.N. - projet	Distances partielles T.N.	Distances cumulées T.N.	Distances partielles projet	Distances cumulées projet
1	52.50	52.50	+0.00		0.00		0.00
2	52.38	52.50	+0.12	15.00	15.00	15.00	15.00
3	52.29	52.50	+0.21	15.00	30.00	15.00	30.00
4	52.20	52.50	+0.30	15.00	45.00	15.00	45.00
5	52.16	52.50	+0.34	15.00	60.00	15.00	60.00
6	52.18	52.50	+0.32	15.00	75.00	15.00	75.00
7	52.17	52.50	+0.33	15.00	90.00	15.00	90.00
8	52.11	52.50	+0.39	15.00	105.00	15.00	105.00
9	52.06	52.50	+0.44	15.00	120.00	15.00	120.00
10	52.03	52.50	+0.47	15.00	135.00	15.00	135.00
11	51.99	52.50	+0.51	15.00	150.00	15.00	150.00
12	51.97	52.50	+0.53	15.00	165.00	15.00	165.00
13	51.92	52.50	+0.58	15.00	180.00	15.00	180.00
14	51.87	52.50	+0.63	15.00	195.00	15.00	195.00
15	51.92	52.50	+0.58	15.00	210.00	15.00	210.00
16	51.87	52.50	+0.63	15.00	225.00	15.00	225.00
17	51.81	52.50	+0.68	15.00	240.00	15.00	240.00
18	51.78	52.50	+0.72	15.00	255.00	15.00	255.00
19	51.73	52.50	+0.76	15.00	270.00	15.00	270.00
20	51.69	52.50	+0.80	15.00	285.00	15.00	285.00
21	51.65	52.50	+0.84	15.00	300.00	15.00	300.00
22	51.63	52.50	+0.87	15.00	315.00	15.00	315.00
23	51.61	52.50	+0.89	15.00	330.00	15.00	330.00
24	51.60	52.50	+0.90	15.00	345.00	15.00	345.00
25	51.59	52.50	+0.91	15.00	360.00	15.00	360.00
26	51.59	52.50	+0.91	0.18	360.18	0.18	360.18
27	51.56	52.50	+0.93	14.82	375.00	14.82	375.00
28	51.54	52.50	+0.96	15.00	390.00	15.00	390.00
29	51.51	52.50	+0.98	15.00	405.00	15.00	405.00
30	51.49	52.50	+1.00	15.00	420.00	15.00	420.00
31	51.48	52.50	+1.02	15.00	435.00	15.00	435.00
32	51.45	52.50	+1.05	15.00	450.00	15.00	450.00
33	51.40	52.50	+1.10	15.00	465.00	15.00	465.00
34	51.36	52.50	+1.14	15.00	480.00	15.00	480.00
35	51.31	52.50	+1.19	15.00	495.00	15.00	495.00
36	51.27	52.50	+1.23	15.00	510.00	15.00	510.00
37	51.23	52.50	+1.27	15.00	525.00	15.00	525.00
38	51.19	52.50	+1.31	15.00	540.00	15.00	540.00
39	51.15	52.50	+1.35	15.00	555.00	15.00	555.00
40	51.11	52.50	+1.39	15.00	570.00	15.00	570.00
41	51.08	52.50	+1.42	15.00	585.00	15.00	585.00
42	51.05	52.50	+1.45	15.00	600.00	15.00	600.00
43	51.02	52.50	+1.48	15.00	615.00	15.00	615.00

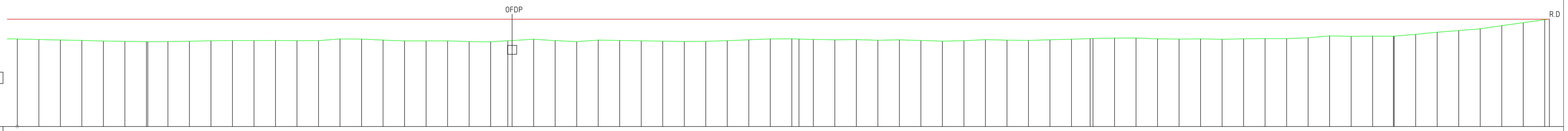
Pentes et rampes

Alignements droits et courbes: 0.00 — L = 360.18 — 360.18 — L = 300.79

digue de protection (DDP)

Profil en long n° 16

Echelle horizontale : 1000
Echelle verticale : 100
Plan de comparaison : 45



Numéros de profils en travers	Altitudes T.N.	Altitudes projet	Ecarts T.N. - projet	Distances partielles T.N.	Distances cumulées T.N.	Distances partielles projet	Distances cumulées projet
40	51.11	52.50	+1.39		570.00		570.00
41	51.08	52.50	+1.42	15.00	585.00	15.00	585.00
42	51.05	52.50	+1.45	15.00	600.00	15.00	600.00
43	51.02	52.50	+1.48	15.00	615.00	15.00	615.00
44	50.97	52.50	+1.53	15.00	630.00	15.00	630.00
45	50.95	52.50	+1.55	15.00	645.00	15.00	645.00
46	50.93	52.50	+1.57	15.00	660.00	15.00	660.00
47	50.93	52.50	+1.57	0.17	660.17	0.17	660.17
48	50.93	52.50	+1.56	14.03	675.00	14.03	675.00
49	50.96	52.50	+1.54	15.00	690.00	15.00	690.00
50	50.99	52.50	+1.51	15.00	705.00	15.00	705.00
51	51.01	52.50	+1.49	15.00	720.00	15.00	720.00
52	51.01	52.50	+1.49	15.00	735.00	15.00	735.00
53	51.01	52.50	+1.48	15.00	750.00	15.00	750.00
54	51.00	52.50	+1.50	15.00	765.00	15.00	765.00
55	51.00	52.50	+1.50	15.00	780.00	15.00	780.00
56	51.12	52.50	+1.38	15.00	795.00	15.00	795.00
57	51.11	52.50	+1.39	15.00	810.00	15.00	810.00
58	51.04	52.50	+1.46	15.00	825.00	15.00	825.00
59	50.99	52.50	+1.51	15.00	840.00	15.00	840.00
60	50.98	52.50	+1.51	15.00	855.00	15.00	855.00
61	50.99	52.50	+1.51	15.00	870.00	15.00	870.00
62	50.94	52.50	+1.56	15.00	885.00	15.00	885.00
63	50.92	52.50	+1.58	15.00	900.00	15.00	900.00
64	50.99	52.50	+1.51	11.96	911.96	11.96	911.96
65	51.01	52.50	+1.49	3.04	915.00	3.04	915.00
66	51.10	52.50	+1.40	15.00	930.00	15.00	930.00
67	51.00	52.50	+1.49	15.00	945.00	15.00	945.00
68	50.93	52.50	+1.57	15.00	960.00	15.00	960.00
69	51.04	52.50	+1.46	15.00	975.00	15.00	975.00
70	51.01	52.50	+1.48	15.00	990.00	15.00	990.00
71	50.99	52.50	+1.51	15.00	1005.00	15.00	1005.00
72	50.96	52.50	+1.54	15.00	1020.00	15.00	1020.00
73	50.94	52.50	+1.56	15.00	1035.00	15.00	1035.00
74	50.95	52.50	+1.54	15.00	1050.00	15.00	1050.00
75	51.00	52.50	+1.50	15.00	1065.00	15.00	1065.00
76	51.06	52.50	+1.44	15.00	1080.00	15.00	1080.00
77	51.12	52.50	+1.38	15.00	1095.00	15.00	1095.00
78	51.13	52.50	+1.37	15.00	1110.00	15.00	1110.00
79	51.11	52.50	+1.39	4.98	1114.98	4.98	1114.98
80	51.08	52.50	+1.42	10.02	1125.00	10.02	1125.00
81	51.06	52.50	+1.43	15.00	1140.00	15.00	1140.00
82	51.07	52.50	+1.43	15.00	1155.00	15.00	1155.00
83	51.03	52.50	+1.47	15.00	1170.00	15.00	1170.00
84	51.06	52.50	+1.44	15.00	1185.00	15.00	1185.00
85	51.01	52.50	+1.48	15.00	1200.00	15.00	1200.00
86	50.96	52.50	+1.54	15.00	1215.00	15.00	1215.00
87	51.00	52.50	+1.50	15.00	1230.00	15.00	1230.00
88	51.07	52.50	+1.42	15.00	1245.00	15.00	1245.00
89	51.03	52.50	+1.47	15.00	1260.00	15.00	1260.00
90	51.02	52.50	+1.48	15.00	1275.00	15.00	1275.00
91	51.06	52.50	+1.44	15.00	1290.00	15.00	1290.00
92	51.10	52.50	+1.40	15.00	1305.00	15.00	1305.00
93	51.14	52.50	+1.35	13.00	1318.00	13.00	1318.00
94	51.15	52.50	+1.35	2.00	1320.00	2.00	1320.00
95	51.18	52.50	+1.32	15.00	1335.00	15.00	1335.00
96	51.18	52.50	+1.32	15.00	1350.00	15.00	1350.00
97	51.13	52.50	+1.37	15.00	1365.00	15.00	1365.00
98	51.11	52.50	+1.39	15.00	1380.00	15.00	1380.00
99	51.12	52.50	+1.37	15.00	1395.00	15.00	1395.00
100	51.09	52.50	+1.40	15.00	1410.00	15.00	1410.00
101	51.13	52.50	+1.37	15.00	1425.00	15.00	1425.00
102	51.15	52.50	+1.35	15.00	1440.00	15.00	1440.00
103	51.15	52.50	+1.35	15.00	1455.00	15.00	1455.00
104	51.20	52.50	+1.30	15.00	1470.00	15.00	1470.00
105	51.34	52.50	+1.16	15.00	1485.00	15.00	1485.00
106	51.30	52.50	+1.20	15.00	1500.00	15.00	1500.00
107	51.31	52.50	+1.18	15.00	1515.00	15.00	1515.00
108	51.31	52.50	+1.19	14.42	1529.42	14.42	1529.42
109	51.31	52.50	+1.19	0.58	1530.00	0.58	1530.00
110	51.44	52.50	+1.06	15.00	1545.00	15.00	1545.00
111	51.59	52.50	+0.91	15.00	1560.00	15.00	1560.00
112	51.71	52.50	+0.79	15.00	1575.00	15.00	1575.00
113	51.83	52.50	+0.67	15.00	1590.00	15.00	1590.00
114	52.05	52.50	+0.45	15.00	1605.00	15.00	1605.00
115	52.25	52.50	+0.25	15.00	1620.00	15.00	1620.00
116	52.46	52.50	+0.03	15.00	1635.00	15.00	1635.00
117	52.51	52.50	-0.01	3.19	1638.19	3.19	1638.19

Pentes et rampes: L=1638.19

Alignements droits et courbes: 660.17 — L = 250.99 — 911.96 — L = 203.02 — 1114.98 — L = 203.02 — 1318.00 — L = 211.42 — 1529.42 — L = 108.77 — 1638.19