

Origin and Destination and Border Facilities Survey
Survey Location: Border Post (Zambia)
Traffic Direction Botswana→Zambia

Date 13/09/2000

No	Vehicle Type	From		To		Cargo		Time for Custom	Time for Immigration	Pontoon	
		Town	Country	Town	Country	Commodity	Load			Usual Delay	Delay This Trip
1	Articulated+Trailer	Johannesburg	S.Africa	Lubumbashi	Congo DR	Rice	Full	30	30	30	12.09.00+2.25hrs
2	Articulated+Trailer	Johannesburg	S.Africa	Lubumbashi	Congo DR	Salt	Full	5	10	30	12.09.00+1.5hrs
3	Articulated+Trailer	Pandamatenga	Botswana	Lusaka	Zambia	Sunflower	Full	10	10	2hrs	12.09.00+3.0hrs
4	Articulated+Trailer	Pandamatenga	Botswana	Lusaka	Zambia	Sunflower	34t	10	10	2hrs	12.09.00+3.25hrs
5	Articulated+Trailer	Pandamatenga	Botswana	Lusaka	Zambia	Sunflower	26t	10	10	2hrs	12.09.00+2.5hrs
6	Articulated+Trailer	Johannesburg	S.Africa	Kitwe	Zambia	Alum. Sulphate	40t	5	10	7hrs	12.09.00+4.0hrs
7	Articulated+Trailer	Johannesburg	S.Africa	Lusaka	Zambia	Railway Lines	40t	5	10	7hrs	12.09.00+4.75hrs
8	Articulated+Trailer	Springs	S.Africa	Blantyre	Malawi	Furniture	14t	5	10	11hrs	12.09.00+5.0hrs
9	Articulated+Trailer	Johannesburg	S.Africa	Kitwe	Zambia	Mixed Goods	27t	35	5	7hrs	12.09.00+4.5hrs
10	Articulated+Trailer	Johannesburg	S.Africa	Mufulica	Zambia	Wheat	42t	3	3	3days	12.09.00+5.25hrs
11	Articulated+Trailer	Johannesburg	S.Africa	Mufulica	Zambia	Mixed Goods	42t	3	3	3days	12.09.00+5.75hrs
12	Articulated+Trailer	Johannesburg	S.Africa	Mufulica	Zambia	Empty	30t	3	3	3days	12.09.00+6.25hrs
13	Articulated+Trailer	Johannesburg	S.Africa	Mufulica	Zambia	Wheat	42t	3	3	3days	12.09.00+7.0hrs
14	Articulated+Trailer	Johannesburg	S.Africa	Mufulica	Zambia	Wheat	42t	5	5	2-3days	12.09.00+6.85hrs
15	Articulated+Trailer	Johannesburg	S.Africa	Mombasa	Kenya	Mixed Goods	42t	5	3	8hrs	5.55hrs
16	Articulated+Trailer	Francistown	Botswana	Ndola	Zambia	Diesel Oil	42t	3	3	2-3days	5hrs
17	Articulated+Trailer	Johannesburg	S.Africa	Chingola	Zambia	Pipes	30t	3	3	5-6hrs	6.5hrs
18	Articulated+Trailer	Johannesburg	S.Africa	Lusaka	Zambia	Petrol	42t	3	3	8hrs	6.5hrs
19	Articulated+Trailer	Johannesburg	S.Africa	Lusaka	Zambia	Wheat	43t	15	5	4hrs	5hrs
20	Articulated+Trailer	Suwapan	Botswana	Livingstone	Zambia	Fine salt	35t	15		3days	7.75hrs
21	Articulated+Trailer	Johannesburg	S.Africa	Blantyre	Malawi	Mixed Goods	38t	5		4-5hrs	7hrs
22	Articulated+Trailer	Johannesburg	S.Africa	Lubumbashi	Congo DR	Mixed Goods	35t	5		2-3days	7.65hrs
23	Articulated+Trailer	Boks Burg	S.Africa	Kitwe	Zambia	Mixed Goods	35t	3	3	2days	6hrs
24	Articulated+Trailer	Boks Burg	S.Africa	Kitwe	Zambia	Mixed Goods	35t	10	5	2days	6hrs
25	Articulated+Trailer	Suwapan	Botswana	Livingstone	Zambia	Salt	36t	10	5	1day	7.75hrs
26	Articulated+Trailer	Johannesburg	S.Africa	Lusaka	Zambia	Machinery	40t	15	5	2-3days	4hrs
27	Articulated+Trailer	Johannesburg	S.Africa	Lusaka	Zambia	Machinery	40t	15	5	5-6days	4.25hrs
28	Articulated+Trailer	Johannesburg	S.Africa	Chingola	Zambia	Fertilizer	32t	5	2	8hrs	4.5hrs
29	Articulated+Trailer	Suwapan	Botswana	Lubumbashi	Congo DR	Salt	30t	5	3	3days	4.5hrs
30	Articulated+Trailer	Suwapan	Botswana	Lubumbashi	Congo DR	Salt	30t	3	3	3days	5hrs
31	Articulated+Trailer	Bothas bay	Namibia	Lusaka	Zambia	Fish Meal	36t	30	5	4hrs	3.5hrs
32	Articulated+Trailer	Johannesburg	S.Africa	Lusaka	Zambia	Wheat	38t	5	5	1hr	3.75hrs
33	Articulated+Trailer	Suwapan	Botswana	Lusaka	Zambia	Salt	Full				3.5hrs
34	Minibus	Pretoria	S.Africa	Lusaka	Zambia	Passengers		30	15		15
35	Pick Up	Pretoria	S.Africa	Lusaka	Zambia	Passengers		30	15		10
36	Passenger Car	Durban	S.Africa	Lusaka	Zambia	Passengers		15	1	30	15
37	Pick Up	Pumalonga	S.Africa	Lusaka	Zambia	Cleaning Fluids		10	10	30	30
38	Pick Up	Francistown	Botswana	Livingstone	Zambia	Passengers		3	3	30	1hr
39	Pick Up	Francistown	Botswana	Lusaka	Zambia	Passengers		15	15	30	20
40	Pick Up	Gaborone	Botswana	Lusaka	Zambia	Passengers		4	4	20	45
41	Passenger Car	Francistown	Botswana	Lusaka	Zambia	Passengers		2	5	2	15
42	Pick Up	Johannesburg	S.Africa	Johannesburg	S.Africa	Passengers		5	5	5	1.5hrs
43	Passenger Car	Durban	S.Africa	Lusaka	Zambia	Passengers		2	2	30	15
44	Pick Up	Francistown	Botswana	Lusaka	Zambia	Passengers		2	3		20
45	Passenger Car	Francistown	Botswana	Lusaka	Zambia	Passengers		2	3	20	45
46	Pick Up	Windhoek	Namibia	Lusaka	Zambia	Passengers		3		2hrs	15
47	Pick Up	Windhoek	Namibia	Lusaka	Zambia	Passengers		5	2		10
48	Motorbike	Johannesburg	S.Africa	Lusaka	Zambia	Passengers		4			1
49	Motorbike	Johannesburg	S.Africa	Lusaka	Zambia	Passengers		4			1
50	Pick Up	Pandamatenga	Botswana	Choma	Zambia	Passengers		5	2	10	30
51	Pick Up	Kasane	Botswana	Livingstone	Zambia	Passengers		5	3	10	10
52	Pick Up	Kasane	Botswana	Livingstone	Zambia	Passengers		5	3	2	10
53	Pick Up	Pretoria	S.Africa	Livingstone	Zambia	Passengers		5	2	3	10
54	Passenger Car	Durban	S.Africa	Lusaka	Zambia	Passengers		15	3	30	10
55	Passenger Car	Durban	S.Africa	Lusaka	Zambia	Passengers		5	2	10	5
56	Passenger Car	Kasane	Botswana	Livingstone	Zambia	Passengers		5	3	15	5
57	Passenger Car	Durban	S.Africa	Lusaka	Zambia	Passengers		5	3	15	5
58	Passenger Car	Gaborone	Botswana	Lusaka	Zambia	Passengers		15	5	30	15
59	Pick Up	Francistown	Botswana	Lusaka	Zambia	Passengers		15	5	30	10
60	Passenger Car	Durban	S.Africa	Lusaka	Zambia	Passengers		5	3	15	5

Remarks: Arrival time on 12.09.00 was afternoon or evening.

Origin and Destination and Border Facilities Survey
Survey Location: Border Post (Zambia)
Traffic Direction Botswana→Zambia

Date 14/09/2000

No	Vehicle Type	From		To		Cargo		Time for Custom	Time for Immigration
		Town	Country	Town	Country	Commodity	Load		
1	Articulated+Trailer	Gaborone	Botswana	Lusaka	Zambia	Fertilizer	40t	10	15
2	Articulated+Trailer	Gaborone	Botswana	Livingstone	Zambia	Salt/Cooking Oil	35t	5	1day
3	Rigid Truck	Gaborone	Botswana	Lusaka	Zambia	Plates/Pots	6t	5	10
4	Articulated+Trailer	Gaborone	Botswana	Lusaka	Zambia	Fertilizer	40t	10	40
5	Articulated+Trailer	Johannesburg	S.Africa	Lusaka	Zambia	Fertilizer	41t	5	5
6	Articulated+Trailer	Johannesburg	S.Africa	Lubumbashi	Congo DR	Flour	40t	20	10
7	Articulated+Trailer	Benoni	S.Africa	Lubumbashi	Congo DR	Groceries	40t	10	5
8	Rigid Truck	Johannesburg	S.Africa	Lusaka	Zambia	Fertilizer	45t	5	3
9	Articulated	Petersburg	S.Africa	Kitwe	Zambia	Electronics	35t	1hr	3hrs
10	Articulated+Trailer	Johannesburg	S.Africa	Lusaka	Zambia	Fertilizer	40t	5	5
11	Articulated+Trailer	Swapan	Botswana	Livingstone	Zambia	Salt	30t	2hrs	5
12	Articulated+Trailer	Johannesburg	S.Africa	Lusaka	Zambia	Groceries	30t	1hr	10
13	Articulated+Trailer	Johannesburg	S.Africa	Lusaka	Zambia	Flour	40t	1hr	10
14	Articulated	Johannesburg	S.Africa	Lusaka	Zambia	Fertilizer	40t	2hrs	30
15	Articulated+Trailer	Johannesburg	S.Africa	Lubumbashi	Congo DR	Cement	40t	35	10
16	Articulated+Trailer	Johannesburg	S.Africa	Lubumbashi	Congo DR	Flour	35t	20	5
17	Articulated+Trailer	Benoni	S.Africa	Lubumbashi	Congo DR	Fertilizer	40t	5	35
18	Articulated+Trailer	Johannesburg	S.Africa	Lusaka	Zambia	Steel	40t	10	7

Origin and Destination and Border Facilities Survey
Survey Location: Border Post (Botswana), Kazungula
Traffic Direction Zambia→Botswana

Date 14/09/2000

No	Vehicle Type	From		To		Cargo		Time for Custom	Time for Immigration	Pontoon	
		Town	Country	Town	Country	Commodity	Load			Usual Delay	Delay This Trip
1	Articulated+Trailer	Lusaka	Zambia	Johannesburg	S.Africa	Amethyst	20t	10	10	2days	20
2	Articulated+Trailer	Lusaka	Zambia	Gaborone	Botswana	Empty		15	5		1.25hrs
3	Articulated+Trailer	Livingstone	Zambia	Lubumbashi	Congo DR	Empty		10	10		2.5hrs
4	Articulated+Trailer	Livingstone	Zambia	Kasane	Botswana	Empty		10	5		1.5hrs
5	Articulated+Trailer	Chingola	Zambia	Johannesburg	S.Africa	Empty		15	10		30
6	Articulated	Lusaka	Zambia	Johannesburg	S.Africa	Empty		20	10	4hrs	30
7	Articulated+Trailer	Lusaka	Zambia	Johannesburg	S.Africa	Mixed Goods		15	5	8hrs	1.1hrs
8	Articulated+Trailer	Lusaka	Zambia	Johannesburg	S.Africa	Mixed Goods		15	10	4hrs	1.25hrs
9	Articulated+Trailer	Lusaka	Zambia	Johannesburg	S.Africa	Empty		15	5	3hrs	1.25hrs
10	Articulated+Trailer	Isoka	Zambia	Johannesburg	S.Africa	Empty		15	10	1.5hrs	2.5hrs
11	Articulated+Trailer	Kitwe	Zambia	Durban	S.Africa	Empty		10	10	3hrs	30
12	Articulated+Trailer	Lusaka	Zambia	Lobatse	S.Africa	Empty		2hrs	10	2hrs	45
13	Articulated+Trailer	Lusaka	Zambia	Johannesburg	S.Africa	Empty		5	10	3hrs	25
14	Passenger Car	Lusaka	Zambia	Johannesburg	S.Africa	Passengers		10	10	10	10
15	Pick Up	Livingstone	Zambia	Kasane	Botswana	Passengers		10	5	10	10
16	Pick Up	Livingstone	Zambia	Johannesburg	S.Africa	Passengers		10	5	10	20
17	Pick Up	Livingstone	Zambia	Windhoek	Namibia	Passengers		10	5	5	20
18	Passenger Car	Livingstone	Zambia	Kasane	Botswana	Passengers		15	5	10	30
19	Pick Up	Lusaka	Zambia	Francistown	Botswana	Bags	full	15	5		45
20	Pick Up	Lusaka	Zambia	Kasane	Botswana	Passengers		15	5		30
21	Pick Up	Livingstone	Zambia	S Pikwe	Botswana	Passengers		10	10		20
22	Pick Up	Livingstone	Zambia	Francistown	Botswana	Passengers		10	5		20
23	Passenger Car	Livingstone	Zambia	Francistown	Botswana	Passengers		10			20

Origin and Destination and Border Facilities Survey
Survey Location: Border Post (Zimbabwe)
Traffic Direction Botswana→Zimbabwe

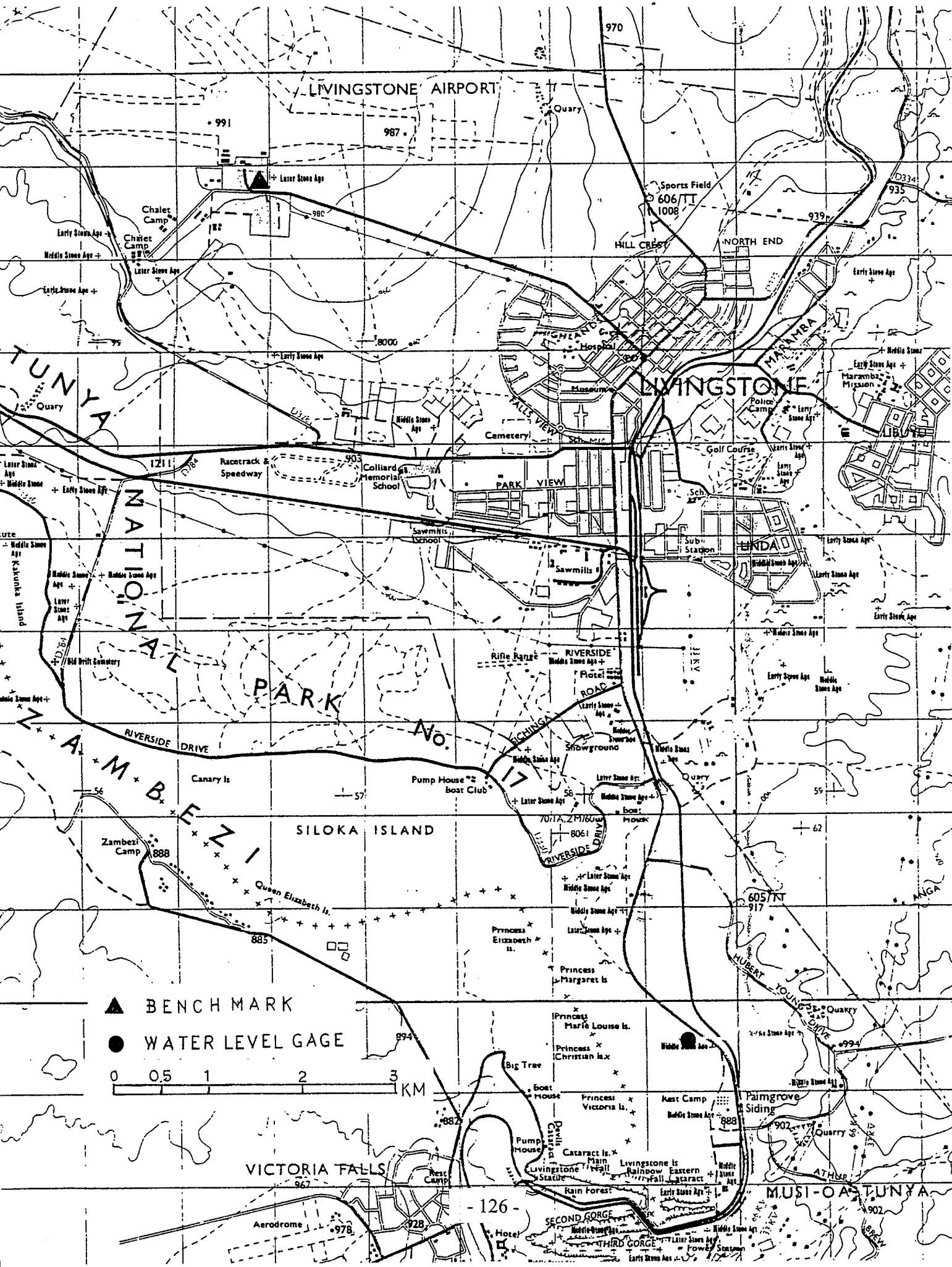
Date 14/09/2000

No	Vehicle Type	From		To		Cargo		Time for Custom	Time for Immigration
		Town	Country	Town	Country	Commodity	Load		
1	Passenger Car	Kasane	Botswana	Vic Falls	Zimbabwe	Passengers		5	5
2	Passenger Car	Johannesburg	S.Africa	Choma	Zambia	Mixed Goods	full	5	10
3	Passenger Car	Kasane	Botswana	Vic Falls	Zimbabwe	Passengers			
4	Passenger Car	Kasane	Botswana	Vic Falls	Zimbabwe	Passengers			
5	Passenger Car	Kasane	Botswana	Bulawayo	Zimbabwe	Passengers		15	5
6	Truck	Capetown	S.Africa	Vic Falls	Zimbabwe	Passengers			7
7	Passenger Car	Kasane	Botswana	Vic Falls	Zimbabwe	Passengers		5	5
8	Bus	Kasane	Botswana	Harare	Zimbabwe	Passengers			6
9	Articulated+Trailer	Kasane	Botswana	Wankie	Zimbabwe	Empty			6
10	Pick Up	Kasane	Botswana	Livingstone	Zambia	Zinc	full		15
11	Articulated+Trailer	Johannesburg	S.Africa	Lusaka	Zambia	Cooking Oil	full		
12	Passenger Car	Kasane	Botswana	Vic Falls	Zimbabwe	Passengers			11
13	Passenger Car	Kasane	Botswana	Vic Falls	Zimbabwe	Passengers			3
14	Mini Bus	Kasane	Botswana	Vic Falls	Zimbabwe	Passengers			13
15	Passenger Car	Kasane	Botswana	Harare	Zimbabwe	Passengers			16
16	Pick Up	Caplivi Strip	Namibia	Vic Falls	Zimbabwe	Passengers			4

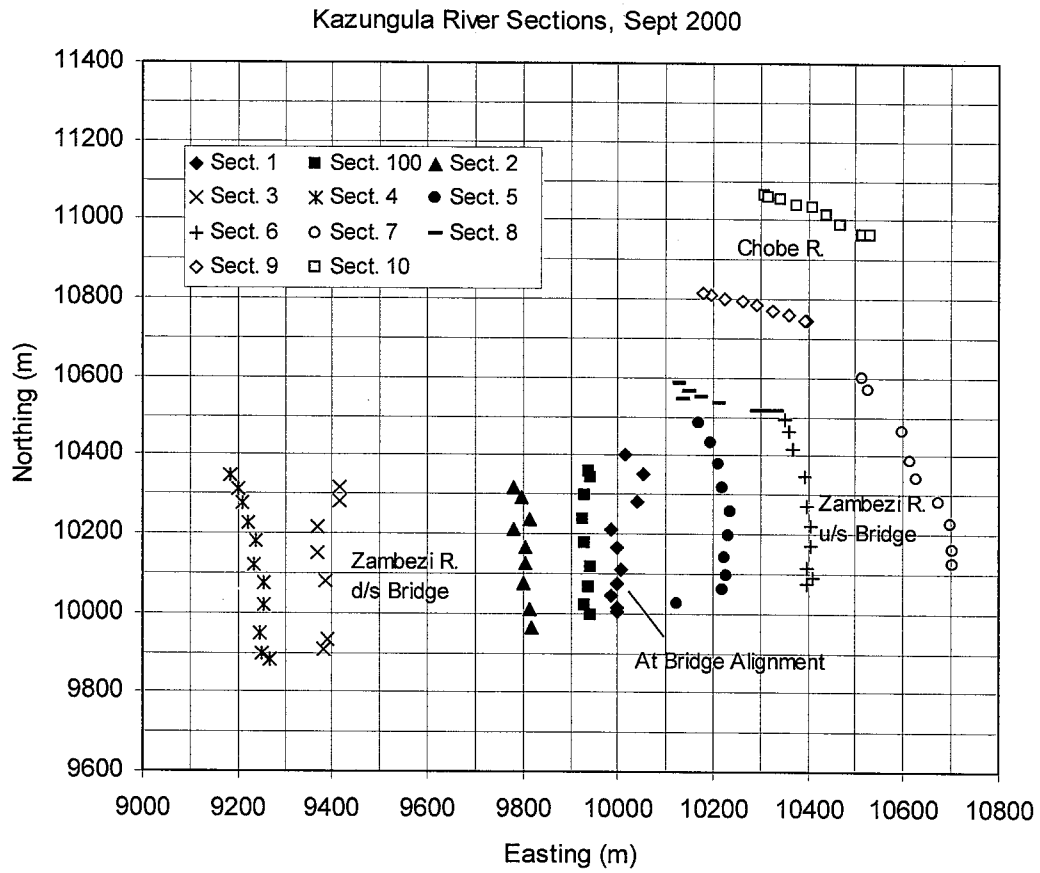
Origin and Destination and Border Facilities Survey
Survey Location: Border Post (Botswana), Zimbabwe Border
Traffic Direction Zimbabwe→Botswana

Date 14/09/2000

No	Vehicle Type	From		To		Cargo		Time for Custom	Time for Immigration
		Town	Country	Town	Country	Commodity	Load		
1	Passenger Car	Harare	Zimbabwe	Bloemfontein	S.Africa				
2	Articulated+Trailer	Bulawayo	Zimbabwe	Tsumeb	Namibia	Sugar	full		30
3	Passenger Car	Harare	Zimbabwe	Johannesburg	S.Africa				22
4	Articulated+Trailer	Livingstone	Zambia	Francistown	Botswana	Sugar	full		22
5	Articulated+Trailer	Livingstone	Zambia	Francistown	Botswana	Sugar	full		15
6	Passenger Car	Bulawayo	Zimbabwe	Kasane	Botswana	Passengers			16
7	Passenger Car	Bulawayo	Zimbabwe	Windhoek	Botswana	Passengers			6
8	Articulated+Trailer	Harare	Zimbabwe	Windhoek	Botswana	Sugar	full		4
9	Passenger Car	Vic Falls	Zambia	Kasane	Botswana	Passengers			16
10	Light Truck	Vic Falls	Zambia	Kasane	Botswana	Passengers			8
11	Articulated	Harare	Zimbabwe	Cape Town	S.Africa	Empty			10
12	Passenger Car	Livingstone	Zambia	Serowe	Botswana	Passengers			12
13	Passenger Car	Livingstone	Zambia	S Pikwe	Botswana	Passengers			14
14	Passenger Car	Bulawayo	Zimbabwe	Kasane	Botswana	Passengers			19
15	Pick Up	Vic Falls	Zambia	Windhoek	Botswana	Passengers			9
16	Rigid Truck	Wankie	Zimbabwe	Kasane	Botswana	River sand	full		10
16	Articulated+Trailer	Harare	Zimbabwe	Windhoek	Botswana	Sugar	full		13
16	Articulated+Trailer	Harare	Zimbabwe	Windhoek	Botswana	Sugar	full		10
16	Passenger Car	Johannesburg	S.Africa	Kasane	Botswana	Passengers			18
16	Passenger Car	Vic Falls	Zimbabwe	Caplivi Strip	Namibia	Passengers			10
16	Pick Up	Harare	Zimbabwe	Kasane	Botswana	Passengers			12
16	Passenger Car	Vic Falls	Zambia	Kasane	Botswana	Passengers			3
16	Passenger Car	Vic Falls	Zambia	Kasane	Botswana	Passengers			8
16	Mini Bus	Vic Falls	Zambia	Johannesburg	S.Africa	Passengers			25
16	Pick Up	Bulawayo	Zimbabwe	Kasane	Botswana	Passengers			26



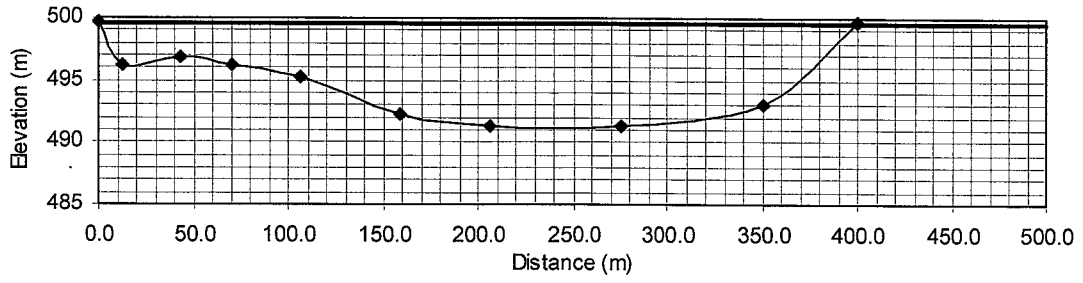
Locations of Cross-Sections Measured During Hydraulic Survey



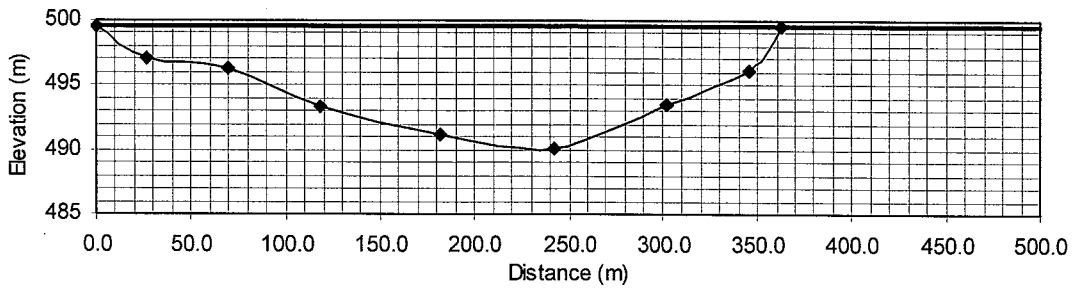
SECTION
RIVER

Zambezi River At and Downstream of Proposed Kazungula Bridge

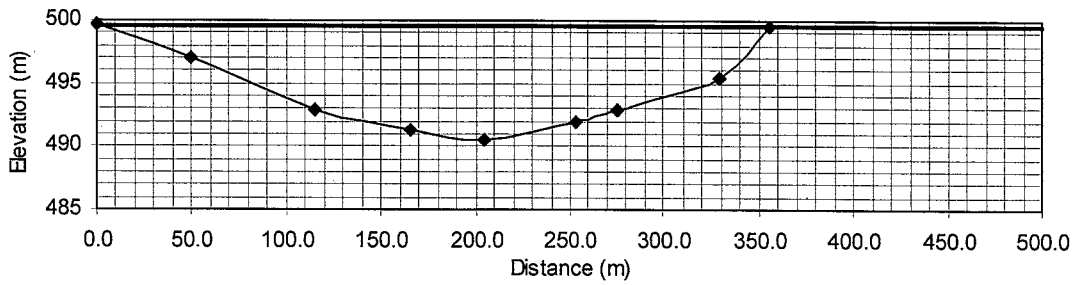
River Channel Section 1



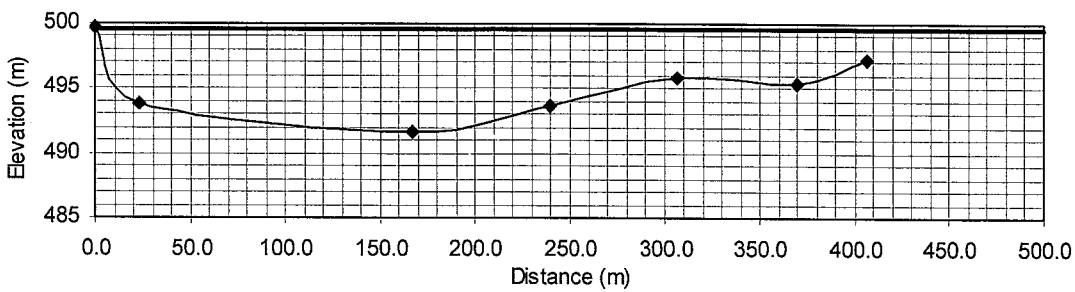
River Channel Section 100



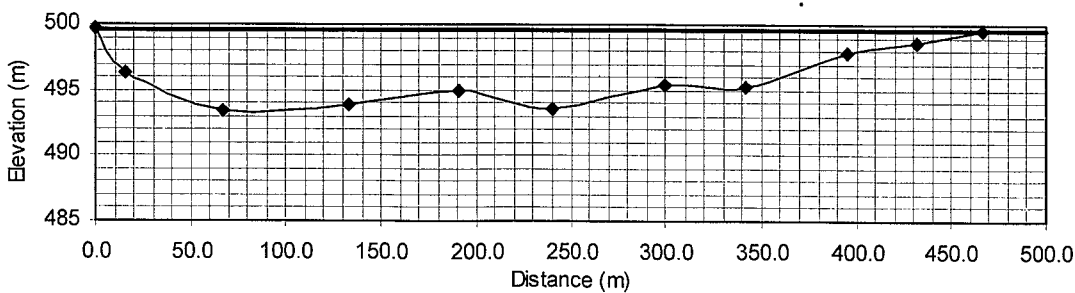
River Channel Section 2



River Channel Section 3

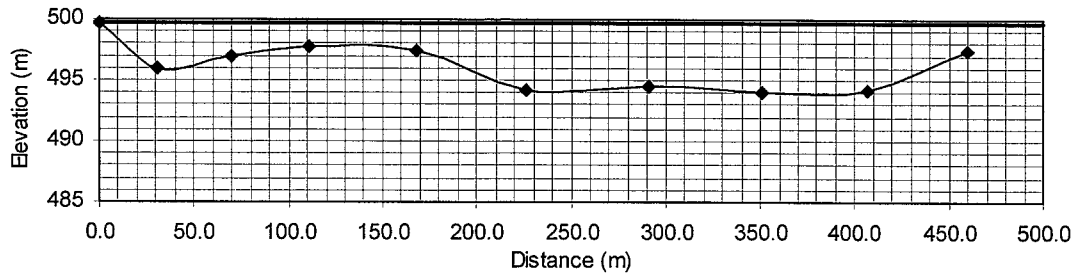


River Channel Section 4

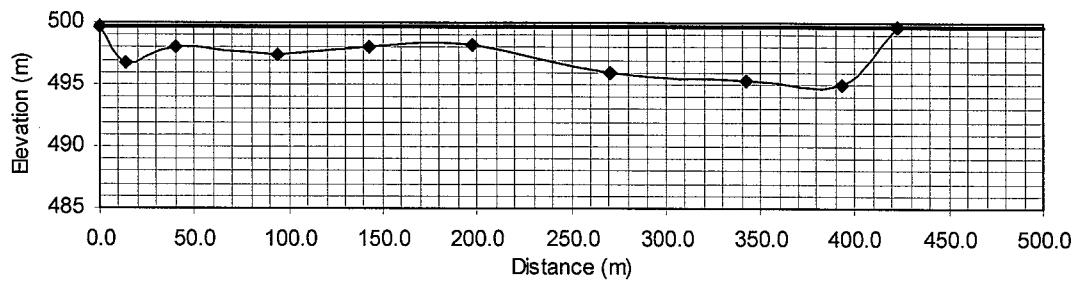


Zambezi River Upstream Proposed Kazungula Bridge

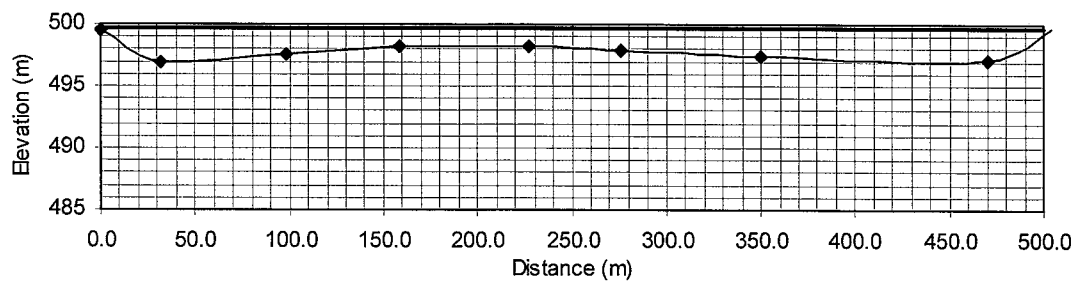
River Channel Section 5



River Channel Section 6

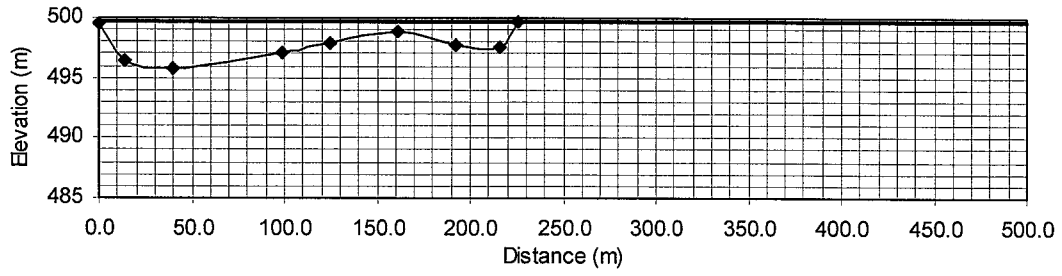


River Channel Section 7

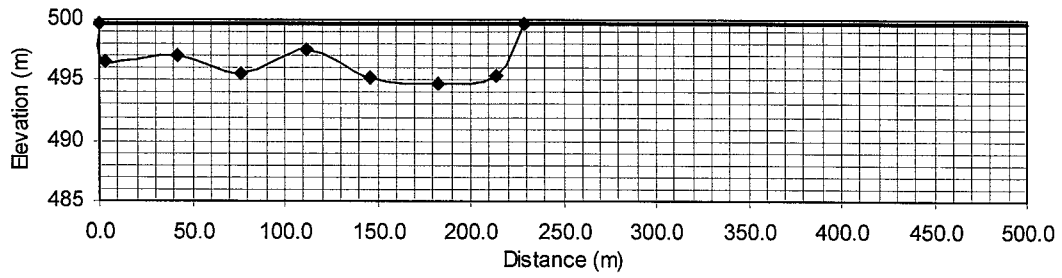


Chobe River

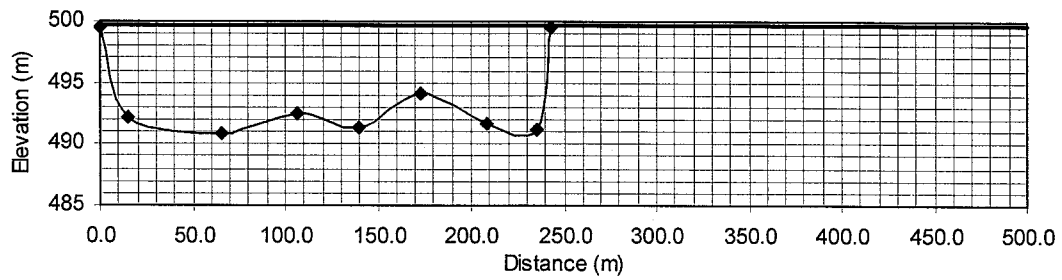
River Channel Section 8



River Channel Section 9



River Channel Section 10



KAZUNGULA BRIDGE HYDRAULIC SURVEY

CROSS SECTION @ 1

Level Correction 0

Point	Easting	Northing	Level	Depth (m)	Bed Level (m)	Velocity (m/s)		Comments
						0.2d	0.8d	
Cx111	10013.588	10402.96	499.67		499.67			Riverbank
Cx112	10052.221	10353.703	499.576	6.5	493.076	0.15	0.08	
Cx113	10042.25	10278.175	499.572	8.24	491.332	0.37	0.26	
Cx114	9988.081	10209.225	499.57	8.2	491.37	0.4	0.22	
Cx115	9996.792	10162.218	499.548	7.3	492.248	0.48	0.39	
Cx116	10005.697	10108.746	499.569	4.3	495.269	0.23	0.26	
Cx117	9997.354	10073.265	499.584	3.3	496.284	0.3	0.17	
Cx118	9987.644	10045.703	499.554	2.7	496.854		0.26	
Cx119	9999.464	10015.113	499.565	3.3	496.265	0.26	0.09	
Cx120	10000.286	10002.884	499.628		499.628			Riverbank

CROSS SECTION @ 100m

Level Correction 0

Point	Easting	Northing	Level	Depth (m)	Bed Level (m)	Velocity (m/s)		Comments
						0.2d	0.8d	
Cx100	9942.234	9994.169	499.592		499.592			Riverbank
Cx101	9930.415	10020.133	499.507	2.4	497.107	0.21	0.19	
Cx102	9940.825	10063.896	499.518	3.25	496.268	0.23	0.16	
Cx103	9944.109	10112.807	499.501	6.2	493.301	0.18	0.21	
Cx104	9931.79	10175.789	499.54	8.4	491.14	0.23	0.27	
Cx105	9925.705	10235.776	499.513	9.4	490.113	0.14	0.18	
Cx106	9930.276	10296.085	499.505	6	493.505	0.17	0.12	
Cx107	9943.194	10339.716	499.549	3.45	496.099	0.06	0.06	
Cx108	9941.288	10356.441	499.575		499.575			Riverbank

CROSS SECTION @ 2

Level Correction 0

Point	Easting	Northing	Level	Depth (m)	Bed Level (m)	Velocity (m/s)		Comments
						0.2d	0.8d	
Cx210	9779.481	10314.403	499.604		499.604			Riverbank
Cx211	9798.009	10289.582	499.527	4.16	495.367	0.09	0.06	
Cx212	9812.84	10235.913	499.552	6.7	492.852	0.35	0.36	
Cx213	9779.536	10212.384	499.546	7.63	491.916	0.09	0.19	
Cx214	9805.468	10165.157	499.539	9.05	490.489	0.23	0.24	
Cx215	9806.541	10126.051	499.547	8.3	491.247	0.23	0.23	
Cx216	9799.829	10074.506	499.529	6.7	492.829	0.21	0.21	
Cx217	9813.981	10010.059	499.54	2.5	497.04	0.29	0.16	
Cx218	9817.917	9960.895	499.631		499.631			Riverbank
Cx219								

CROSS SECTION @3

Level Correction 0

Point	Easting	Northing	Level	Depth (m)	Bed Level (m)	Velocity (m/s)		Comments
						0.2d	0.8d	
Cx310	9383.287	9909.575	499.629		499.629			Riverbank
Cx311	9390.492	9933.132	499.547	5.75	493.797	0.18	0.14	
CX312	9385.916	10076.568	499.53	7.9	491.63	0.17	0.18	

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Cx313	9371.157	10149.145	499.528	5.9	493.628	0.18	0.15	
Cx314	9370.673	10215.846	499.532	3.7	495.832	0.18	0.15	
Cx315	9416.265	10280.492	499.556	4.2	495.356	0.11	0.09	
Cx316	9413.875	10317.499	499.631	2.43	497.201	0.06	0.04	
Cx317					0			Riverbank

CROSS SECTION @4

Level Correction 0

Point	Easting	Northing	Level	Depth (m)	Bed Level (m)	Velocity (m/s)		Comments
						0.2d	0.8d	
Cx430	9185.325	10344.792	499.596		499.596			Riverbank
Cx431	9203.415	10311.355	499.567	1	498.567	0.05	0.05	
Cx432	9210.814	10275.771	499.585	1.8	497.785	0.06	0.05	
Cx433	9220.822	10223.244	499.581	4.35	495.231	0.14	0.07	
Cx434	9237.786	10182.238	499.559	4.2	495.359	0.17	0.1	
Cx435	9236.409	10121.737	499.548	5.95	493.598	0.17	0.11	
Cx436	9256.951	10074.217	499.543	4.55	494.993	0.14	0.13	
Cx437	9257.804	10017.168	499.549	5.6	493.949	0.21	0.15	
Cx438	9249.271	9950.049	499.571	6.2	493.371	0.23	0.21	
Cx439	9251.849	9898.078	499.593	3.2	496.393	0.23	0.15	
Cx440	9266.522	9883.839	499.636		499.636			Riverbank

CROSS SECTION @5

Level Correction 0

Point	Easting	Northing	Level	Depth (m)	Bed Level (m)	Velocity (m/s)		Comments
						0.2d	0.8d	
Cx510	10122.491	10021.897	499.745		499.745			Riverbank
Cx511	10221.249	10056.846	499.561	3.55	496.011	0.3	0.2	
Cx512	10227.919	10096.174	499.539	2.6	496.939	0.31	0.19	
Cx513	10224.506	10137.649	499.516	1.8	497.716	0.26	0.22	
Cx514	10234.154	10194.961	499.508	2.1	497.408	0.21	0.17	
Cx515	10238.697	10254.111	499.515	5.35	494.165	0.24	0.24	
Cx516	10219.19	10317.575	499.539	5.1	494.439	0.29	0.27	
Cx517	10212.766	10377.674	499.545	5.55	493.995	0.28	0.21	
Cx518	10197.486	10433.131	499.522	5.25	494.272	0.19	0.15	
Cx519	10171.745	10484.194	499.534	2.1	497.434	0.09	0.05	
Cx520					0			Riverbank

CROSS SECTION @6

Level Correction 0

Point	Easting	Northing	Level	Depth (m)	Bed Level (m)	Velocity (m/s)		Comments
						0.2d	0.8d	
Cx620	10399.099	10073.516	499.647		499.647			Riverbank
Cx621	10411.688	10089.426	499.55	2.7	496.85	0.27	0.19	
Cx622	10398.623	10114.34	499.572	1.5	498.072	0.25	0.25	
Cx623	10406.955	10168.983	499.518	2.08	497.438	0.26	0.21	
Cx624	10405.69	10217.754	499.533	1.4	498.133	0.25	0.19	
Cx625	10398.167	10272.583	499.521	1.3	498.221	0.17	0.13	
Cx626	10393.68	10345.661	499.512	3.5	496.012	0.2	0.14	
Cx627	10366.261	10414.667	499.534	4.2	495.334	0.21	0.1	
Cx628	10358.32	10464.473	499.522	4.6	494.922	0.3	0.23	
Cx629	10350.719	10493.798	499.689		499.689			Riverbank

CROSS SECTION @ 7

Level Correction 0

**FEASIBILITY STUDY ON THE PROPOSED
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Point	Easting	Northing	Level	Depth (m)	Bed Level (m)	Velocity (m/s)		Comments
						0.2d	0.8d	
Cx720	10701.434	10125.323	499.569		499.569			Riverbank
Cx721	10704.884	10159.061	499.524	2.6	496.924	0.29	0.11	
Cx722	10698.55	10226.423	499.534	1.9	497.634	0.31	0.26	
Cx723	10673.19	10281.874	499.546	1.3	498.246	0.27	0.18	
Cx724	10629.781	10341.585	499.602	1.4	498.202	0.18	0.08	
Cx725	10614.081	10387.574	499.528	1.6	497.928	0.2	0.19	
Cx726	10598.936	10460.683	499.548	2.05	497.498	0.2	0.17	
Cx727	10527.113	10566.713	499.617	2.5	497.117	0.23	0.21	
Cx728	10514.985	10598.551	499.646		499.646			Riverbank

CROSS SECTION @ 8

Level Correction 0

Point	Easting	Northing	Level	Depth (m)	Bed Level (m)	Velocity (m/s)		Comments
						0.2d	0.8d	
Cx810	10128.883	10584.324	499.487	1.9	497.587	0.04	0.06	Riverbank
Cx811	10148.076	10561.913	499.514	1.85	497.664	0.16	0.08	
Cx812	10176.465	10546.317	499.53	0.6	498.93	0.09	0.09	
Cx813	10210.744	10534.13	499.549	1.6	497.949	0.11	0.12	
Cx814	10139.116	10544.312	499.546	2.4	497.146	0.28	0.19	
Cx815	10292.612	10512.681	499.539	3.8	495.739	0.27	0.19	
Cx816	10318.886	10510.346	499.541	3.15	496.391	0.22	0.22	
Cx817	10333.839	10513.117	499.585		499.585			Riverbank

CROSS SECTION @ 9

Level Correction 0

Point	Easting	Northing	Level	Depth (m)	Bed Level (m)	Velocity (m/s)		Comments
						0.2d	0.8d	
Cx910	10398.049	10743.566	499.452		499.452			Riverbank
Cx911	10394.531	10744.638	499.485	3	496.485	0.13	0.12	
Cx912	10358.917	10757.345	499.497	2.5	496.997	0.19	0.15	
Cx913	10326.21	10770.359	499.509	3.9	495.609	0.17	0.18	
Cx914	10293.385	10782.468	499.484	1.9	497.584	0.21	0.12	
Cx915	10261.059	10797.399	499.498	4.3	495.198	0.09	0.08	
Cx916	10224.819	10802.25	499.489	4.8	494.689	0.17	0.08	
Cx917	10193.753	10808.034	499.48	4.1	495.38	0.14	0.12	
Cx918	10180.557	10816.347	499.627		499.627			Riverbank

CROSS SECTION @10

Level Correction 0

Point	Easting	Northing	Level	Depth (m)	Bed Level (m)	Velocity (m/s)		Comments
						0.2d	0.8d	
Cx101	10308.943	11060.389	499.537		499.537			Riverbank
Cx102	10316.039	11057.163	495.321	4.2	491.121	0.13	0.11	
Cx103	10343.421	11051.584	495.611	3.9	491.711	0.28	0.09	
Cx104	10376.195	11039.157	496.824	2.7	494.124	0.14	0.09	
Cx105	10410.306	11032.799	495.424	4.1	491.324	0.13	0.16	
Cx106	10438.548	11013.986	495.981	3.55	492.431	0.08	0.13	
Cx107	10468.868	10984.043	495.197	4.3	490.897	0.15	0.1	
Cx108	10514.328	10961.443	495.804	3.7	492.104	0.11	0.1	
Cx109	10530.289	10959.598	499.477		499.477			Riverbank

