

## 6. ローカルコンサルタントリスト

ローカルコンサルタントリスト

測量関連

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上記は縦横断測量で深淺測量は出来ない。

深淺測量関係

会社名 Lanka Hydraulic Institute  
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連絡先 14 School Lane, Nawala Rajagiriya  
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番号	資料の名称	形態(図書、ビデオ、地図、写真等)	収集資料	専門家作成資料	JICA作成資料	テキスト	発行機関	取扱区分	図書館記入欄
1	Report of The Commission of Inquiry on Local Government Reform 1999	図書	*				Government of Sri Lanka	JR-CR( )・ ○ SC	
2	City of Colombo Development Plan 1999 Vol. 1&2	図書	*				Urban Development Authority	JR-CR( )・ ○ SC	
3	Atlas of Sri Lanka	図書	*				Arjuna Consulting Co. Ltd.	JR-CR( )・ ○ SC	
4	Quantitative Surface Water Management of Lowland Catchments with Special Reference to Bolgoda Basin	コピー (レポート)	*				SLLR & DC	JR-CR( )・ ○ SC	
5	Study of the Canal and Drainage System in Colombo Final Report	コピー (レポート)	*				SLLR & DC	JR-CR( )・ ○ SC	
6	Tender for Survey Work Storm Water Management Master Plan for Ja-Ela Basin	コピー	*				SLLR & DC	JR-CR( )・ ○ SC	
7	Feasibility Study Report for Phase-2 of Greater Colombo Flood Control and Environmental Improvement	コピー (レポート)	*				SLLR & DC	JR-CR( )・ ○ SC	
8	Sri Lanka Satellite Image Mosaic	写真	*				Survey Department	JR-CR( )・ ○ SC	
9	Lanka Hydraulic Institute	パンフレット	*				Lanka Hydraulic Institute	JR-CR( )・ ○ SC	
10	NITESL Prospective 2001	パンフレット	*				NITESL	JR-CR( )・ ○ SC	
11	Maps Catalogue and Price List	パンフレット	*				Survey Department	JR-CR( )・ ○ SC	
12	Tourist Map	地図	*				Survey Department	JR-CR( )・ ○ SC	
13	Road Map of Sri Lanka	地図	*				Survey Department	JR-CR( )・ ○ SC	
14	Annual Implementation Programme Year 2001 Urban Housing Development - Investment Opportunities	コピー (データ)	*				Urban Development Authority	JR-CR( )・ ○ SC	
15	Urban Housing Development - Investment Opportunities	コピー (レポート)	*				Urban Development Authority	JR-CR( )・ ○ SC	

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16	A to Z Colombo Atlas and Street Index	地図	*				Survey Department	JR・CR( )・ ○ SC	
17	List of O/M Equipment	データ	*				SLLR & DC	JR・CR( )・ ○ SC	
18	The Gazette of the Democratic Socialist Republic of Sri Lanka The National Environment Act No. 47	コピー	*				Environment Authority	JR・CR( )・ ○ SC	
19	Sri Lanka Gazetteer	図書	*				Cosmo Publications	JR・CR( )・ ○ SC	
20	Essays in Asian Economics	図書	*				Sri Lanka Institute of Social Economim Studies	JR・CR( )・ ○ SC	
21	Global Economic Prospects and the Developing Countries 2001	図書	*				The World Bank	JR・CR( )・ ○ SC	
22	World Bank Atlas	地図	*				The World Bank	JR・CR( )・ ○ SC	
23	Statistical Pocket Book of The Democratic Socialist Republic of Sri Lanka 1999	図書	*				Department of Census and Statistics	JR・CR( )・ ○ SC	
24	Sri Lanka Socio-Economic Data 2000	コピー	*				Central Bank of Sri Lanka	JR・CR( )・ ○ SC	
25	Tender for Survey Work Storm Water Management Master Plan for Kalu-Oya Basin	図書	*				Central Bank of Sri Lanka	JR・CR( )・ ○ SC	
26	Diary 2001	手帳	*				SLLR & DC	JR・CR( )・ ○ SC	
27	Statistical News Bulletin	コピー	*				Department of Census and Statistics	JR・CR( )・ ○ SC	
28	Public Investment Programme 1999-2001	コピー	*				Department of National Planning, Ministry of Finance & Planning	JR・CR( )・ ○ SC	
29	Hydrological Network for Bolgoda Basin in Sri Lanka	コピー	*				H. M. K. S. Jayawardena	JR・CR( )・ ○ SC	
30	Water Quality and Water Level Monitoring Programme in the Greater Colombo Canal System	コピー	*				SLLR & DC	JR・CR( )・ ○ SC	

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31	Colombo Metropolitan Region Structure Plan Vol.1 Synthesis	図書	*				Urban Development Authority, Ministry of Housing & Urban Development	JR-CR( ) <input type="radio"/> SC	
32	Standing Orders to Sageguard City of Colombo from Flood	コピー	*				SLLR & DC	JR-CR( ) <input type="radio"/> SC	
33	Bolgoda Basin Data	コピー	*				SLLR & DC Progress Report	JR-CR( ) <input type="radio"/> SC	
34	Sample Checklist for Preliminary Environmental Appraisal for Reclamation of Wetlands Exceeding 4	コピー	*				SLLR & DC	JR-CR( ) <input type="radio"/> SC	
35	Flooding Areas and Flood Damage to Properties -CMC Area, Data Book	コピー	*				SLLR & DC Progress Report	JR-CR( ) <input type="radio"/> SC	
36	Hydrologic and Hydraulic Problems Related to Land Reclamation in Colombo, Sri Lanka	コピー	*				Faculty of Applied Sciences	JR-CR( ) <input type="radio"/> SC	
37	Sri Lanka 1:50,000 Negombo	地図(コピー)	*					JR-CR( ) <input type="radio"/> SC	
38	Muthurajawela Sanctuary 1:20,000	地図(コピー)	*					JR-CR( ) <input type="radio"/> SC	
39	Project Area Map 1:50,000	地図(コピー)	*					JR-CR( ) <input type="radio"/> SC	
40	Kalu-Oya Basin	地図(コピー)	*					JR-CR( ) <input type="radio"/> SC	
41	Bolgoda Basin	地図(コピー)	*					JR-CR( ) <input type="radio"/> SC	
42	Ja-Ela Basin	地図(コピー)	*					JR-CR( ) <input type="radio"/> SC	
43	Sri Lanka One Inch	地図(コピー)	*					JR-CR( ) <input type="radio"/> SC	
44	Sewerage Rehabilitation Proposals for Colombo	コピー	*				WS Atkins International Ltd.	JR-CR( ) <input type="radio"/> SC	
45	Maps showing Sustainable Development Under Negombo Lagoon Muthurajawela & Bolgoda Lake	地図(コピー)	*					JR-CR( ) <input type="radio"/> SC	

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46	City Map of Colombo 1:25,000	地図(コピー)	*					JR・CR( )・ ○ SC	
47	City of Colombo 1:25,000	地図	*					JR・CR( )・ ○ SC	
48	Kalu-Oya Project	地図(コピー)	*					JR・CR( )・ ○ SC	
49	Sri Lanka Colombo 1:50,000	地図(コピー)	*					JR・CR( )・ ○ SC	
50	Project Area Map 1:50,000	地図(コピー)	*					JR・CR( )・ ○ SC	
51	Catchment Boundary	地図(コピー)	*					JR・CR( )・ ○ SC	
52	Staff Gauge Network in Bolgoda Basin	地図(コピー)	*					JR・CR( )・ ○ SC	
53	Ja-Ela Basin showing Gauging Station and Streams	地図(コピー)	*					JR・CR( )・ ○ SC	
54	Sri Lanka Kalutara 1:50,000	地図(コピー)	*					JR・CR( )・ ○ SC	
55	Location of Canals and Rehabilitation Plan	地図(コピー)	*					JR・CR( )・ ○ SC	
56	Colombo Core Area Low Lying Area and Public Outdoor Recreation Space Masterplan	地図(コピー)	*					JR・CR( )・ ○ SC	
57	Rattanapitiya Project	地図(コピー)	*					JR・CR( )・ ○ SC	
58	Sri Lanka Index Diagram of Metric Sheets	地図(コピー)	*					JR・CR( )・ ○ SC	
59	Available Topographic Maps in the Project Area	地図(コピー)	*					JR・CR( )・ ○ SC	
60	Aerial Photography by Surveying Department	地図(コピー)	*					JR・CR( )・ ○ SC	

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61	Bolgoda Lake North Peripheral Survey and Canal Cross Section	地図(コピー)	*					JR・CR( )・ ○ SC	
62	IKONOS Colour Pan-Sharpended Image of Central Colombo	写真(コピー)	*					JR・CR( )・ ○ SC	
63	Location of Stormwater Drainage Schemes	地図(コピー)	*					JR・CR( )・ ○ SC	
64	Kirimandala Mahatha Canals	地図(コピー)	*					JR・CR( )・ ○ SC	
65	Colombo North Canals	地図(コピー)	*					JR・CR( )・ ○ SC	
66	Colombo South Canals	地図(コピー)	*					JR・CR( )・ ○ SC	
67	Data Availability -Kalu Oya Basin- & -Ja Ela Basin	コピー	*					JR・CR( )・ ○ SC	
68	List of Available Drawings in Bolgoda Basin	コピー	*					JR・CR( )・ ○ SC	
69	Location Data	コピー	*					JR・CR( )・ ○ SC	
70	GIS News The Newsletter of the UDA GIS Center		*				UDA	JR・CR( )・ ○ SC	
71								JR・CR( )・ ○ SC	
72								JR・CR( )・ ○ SC	
73								JR・CR( )・ ○ SC	
74								JR・CR( )・ ○ SC	
75								JR・CR( )・ ○ SC	

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76								JR・CR( )・ ○ SC	
77								JR・CR( )・ ○ SC	
78								JR・CR( )・ ○ SC	
79								JR・CR( )・ ○ SC	
80								JR・CR( )・ ○ SC	
81								JR・CR( )・ ○ SC	
82								JR・CR( )・ ○ SC	
83								JR・CR( )・ ○ SC	
84								JR・CR( )・ ○ SC	
85								JR・CR( )・ ○ SC	
86								JR・CR( )・ ○ SC	
87								JR・CR( )・ ○ SC	
88								JR・CR( )・ ○ SC	



ジャエラ流域、カルオヤ流域、ホルゴダ流域の既存水文資料

DATA AVAILABILITY - JA ELA BASIN

1. Preliminary Investigation  
Surveying & Levelling

- Gauge posts fixed at 11 identified points of interest. 11 Gauge posts bound to MSL.
- Bench marks at gauge stations and 500 m upstream & downstream of gauge station established.
- Cross Sections along the canal at 100 m intervals upto 500 upstream & downstream taken, & maps prepared.
- LS along canal, upto 500 m upstream & downstream of gauge station surveyed and plotted.
- Average marsh levels established using spotlevels

II. Water Level Measurement

15 Minute water levels are measured continuously using a data logger. These data has been collected since October 2000, at Ja-Ela bridge on Negombo road.

Water levels are being taken twice a day (morning/evening) at the gauge post locations as follows:

1a.	Pamunugama Bridge	-	From July 2000
1.	Ja-Ela Bridge	-	From August 1999
2.	Kotugoda Bridge	-	From May 2000
3a.	Kirindiwita Bridge	-	From May 2000
3.	Makitangamuwa Bridge	-	From August 1999
4.	Mudungoda Bridge	-	From August 1999
5.	Asgiriya Bridge	-	From August 1999
6.	Daroluwa Bridge	-	From August 1999
7.	Veyangoda Bridge	-	From August 1999
8.	Galamuna Bridge	-	From May 2000
9.	Attanagalla Bridge	-	From August 1999
10.	Kal-Eliya Bridge	-	From August 1999

III Discharge Measurements

Discharge measurements using current meter at the locations taken as follows:

1a.	Pamunugama Bridge	-	1 measurement
1.	Ja-Ela Bridge	-	5 measurements
2.	Kotugoda Bridge	-	4 measurements
3a.	Kirindiwita Bridge	-	2 measurements
3.	Makilangamuwa Bridge	-	3 measurements
4.	Mudungoda Bridge	-	3 measurements
5.	Asgiriya Bridge	-	2 measurements
6.	Daroluwa Bridge	-	2 measurements
7.	Veyangoda Bridge	-	3 measurements
8.	Galamuna Bridge	-	3 measurements
9.	Attanagalla Bridge	-	5 measurements
10.	Kal-Eliya Bridge	-	1 measurement

IV Topographical Maps (available at SLLRDC)

Scale : 1:50,000

1:10,000 (not for whole catchment)

Town-sheets (available at SLLRDC)

For some areas within the catchment

V Meteorological Data

Daily rainfall data at Katunayake

Rainfall data at 15 minutes intervals at Katunayake

## DATA AVAILABILITY - KALU OYA BASIN

### I. Preliminary Investigation Surveying & Levelling

- Gauge posts fixed at 7 identified points of interest. Gauge posts bound to MSL.
- Cross Sections along the canal at 100 m intervals upto 500 upstream & downstream taken, & maps prepared.
- LS along canal, upto 500 m upstream & downstream of gauge station surveyed and plotted.
- Bench marks at gauge stations & 500 m upstream & downstream of gauge station established.
- Average marsh levels established using spotlevels

### II. Water Level Measurement

A dolphin data logger will be installed to carry out continuous water level measurements, at Wattala bridge on Negombo road. This logger will measure water levels at 15 minute intervals.

Water levels are being taken twice a day (morning/evening) at the gauge post locations as follows:

- |    |                         |   |                     |
|----|-------------------------|---|---------------------|
| 1. | Wattala Bridge          | - | From May 2000       |
| 2. | Enderamulla Bridge      | - | From May 2000       |
| 3. | Welikadamulla Bridge    | - | From September 1999 |
| 4. | Horape Bridge           | - | From July 2000      |
| 5. | Karagaha Amuna Bridge   | - | From August 2000    |
| 6. | Kiribathgoda Bridge     | - | From September 1999 |
| 7. | Thambiligasmulla Bridge | - | From July 2000      |

### III. Discharge Measurements

Discharge measurements using current meter has been taken at the gauge post locations as follows:

- |    |                         |   |                |
|----|-------------------------|---|----------------|
| 1. | Wattala Bridge          | - | 1 measurement  |
| 2. | Enderamulla Bridge      | - | 5 measurements |
| 3. | Welikadamulla Bridge    | - | 3 measurements |
| 4. | Horape Bridge           | - | 6 measurements |
| 5. | Karagaha Amuna Bridge   | - | 4 measurements |
| 6. | Kiribathgoda Bridge     | - | 2 measurements |
| 7. | Thambiligasmulla Bridge | - | 3 measurements |

IV Topographical Maps (available at SLLRDC)

Scale : 1:50,000

1:10,000 (not for whole catchment)

Town-sheets (available at SLLRDC)

For some areas within the catchment

V Meteorological Data

Daily rainfall data at Colombo

Rainfall data at 15 minutes intervals at Colombo

### Available Drawings in Bolgoda Basin

01. Bolgoda Basin
  - Marsh area & development aspect
  - Level Survey & Gauge Posts
  - Locations of Water Level Recorders & Drainage Measurement Stations
  - Locations of Rainfall Stations
  - Runoff Subcatchment with Thiessen Polygon
  - Catchment & Subcatchment
  - Hydrographic Surveys of Bolgoda Basin 1991
  - Land Acquisition Details
  - Flood Levels in 92, Pulviograph 04.06.92 at Kotalawala
02. Bolgoda Canal Weras Ganga Surveys (Longitudinal Section & Cross Section)  
Dutch Canal (Irrigation Office to Weras Ganga)  
Countour Plan of Attidiya Marsh (1:2000 scale)  
Reclamation & Development of Low Lying Arcas in and around Weras Ganga  
Plan showing Weras Ganga area  
Dredging of Delkanda Ela, Cross Section of Delkanda Ela
03. GCFC & EIP Plans (Dehiwala Canal, Kirilaponne Canal, Bolgoda Canal)  
GCFC & EIP - Phase III Attidiya Drawings January 1999  
GCFC & EIP - Phase III Kawdana Drawings January 1999
04. Navigability of the main water ways from Kelani Ganga to Panadura Ganga
05. Rattanapitiya Project  
Delkanda - Rattanapitiya Canal Project  
Canal Design of Rattanapitiya Catchment  
Locations of IBM in Rattanapitiya Project  
Rattanapitiya Ela - LM 2034  
Rattanapitiya - Bellanwila Marsh  
Preliminary Channel Design of Rattanapitiya Catchment
06. Pepiliyana Stage I
07. Development of Identified Low Lying Areas in Maharagama
08. Sunethradevi Project
09. Homagama Town Development Project
10. Lynage Canal - Dehiwala
11. Approximate Filling under Nugegoda Ela

### Available Water Level Measurement Data in Bolgoda Basin

Station No.	Name	Description	
		Earlier Measurements	Present Measurement
01	Attidiya Anicut	July 90 - Oct. 94	Aug. 00 - Nov. 00
02	Kospalana Bridge	July 90 - Nov. 92	
03	Diyagama	Jan. 92 - Nov. 93	Gauge broken
04	Polgasowita Bridge	July 90 - Nov. 96	Sep. 00 - Jan. 01
05	Kahatuduwa Bridge	Aug. 91 - Dec. 96	Sep. 00 - Jan. 01
06	Moratuwa Bridge	May - 90	Sep. 00 Nov. - Dec. 00
07	Diggala Ferry	July 90 - Dec. 96 Jan. 97 - April 97	Aug. 00 - Jan. 01
08	Kimbulkotuwa	July 90 - Jan. 95 Dec. 91 - Dec. 96 Jan. 97	Aug. 00 - Jan. 01
09	Jamburaliya Bridge	Oct. 91 - Dec. 96 Jan. - Feb. 97 April 97	Oct. 00 - Jan. 01
10	Wannaku Ela Bridge	08.12.91 - Oct. 96 Jan. 97	Sep. 00 - Jan. 01
11	Bambaragedara Bridge	June 90 Sep. 90 - Dec. 93	Sep. 00 - Jan. 01
12	Weedyagoda Halapitiya Bridge	Oct. 91 - May 94	Sep. 00 - Dec. 00
13	Rambara Ela Outfall	Oct. 91 - Sept. 96	Sep. 00 - Jan. 01
14	Egodauyana Ferry	July 90 - Dec. 96 Jan. 97 - April 97	Sep. 00 - Jan. 01
15	Hirana Ferry	July 90 - Dec. 96 Jan. 97 - April 97	Aug. 00 - Jan. 01
16	Panadura Outfall	Nov. 91 - Dec. 96 March 97	Oct. 00 - Jan. 01
17	Rukgaha Ferry	July 90 - Dec. 96 Jan. 97 - April 97	Aug. 00 - Jan. 01
18	Bolgoda Bridge	July 90 - Dec. 96 Jan. 97 - March 97	Sep. 00 - Jan. 01

Station No.	Name	Description	
		Earlier Measurements	Present Measurement
19	Kinmantudawa Bridge	Jan. 92 - Dec. 96 Jan. 97 - April 97	Aug. 00 - Jan. 01
20	Panadura New Bridge	Oct. 90 - Jan. 94	Aug. 00 - Nov. 00
21	Paragastota Bridge	July 90 - Dec. 96 Jan. 97 - April 97	Aug. 00 - Jan. 01
22	Waskaduwa Bridge	July 90 - March 94	Aug. 00 - Jan. 01
23	Borupana Ferry	Nov. 91 - Dec. 96 Jan. 97 - March 97	Aug. 00 - Jan. 01
24	Bokundara Bridge 1 (10th mile post)	Oct. 91 - Jan. 95	Aug. 00 - Jan. 01
25	Errawwala Bridge	Jan. 92 - Aug. 94	Aug. 00 - Nov. 00
26	Thalpitiya Canal D/S	Irrigation Department	Aug. 00 - Dec. 00
27	Thalpitiya Canal U/S	Oct. 91 - Aug. 92	Sep. 00 - Jan. 01
28	Dediyawela Aluth Ela	Oct. 91 - Dec. 96 Jan. - April 97	
29	Keppu Ela Lock Gate	Irrigation Department	
30	Galtude Bridge	Jan. 92 - Jan. 96 Jan. 97 - April 97	Sep. 00 - Jan. 01
31	Palagama Anicut (Baduwila)	Jan. 92 - Dec. 95	Sep. 00 - Jan. 01
32	Bokundara Bridge 2		
33	Outlet 1 - Test Basin - Werahara	May 92 - Oct. 93	Aug. 00 - Jan. 01
34	Outlet 2 - Test Basin - Werahara	July 92 - Oct. 93	
35	Lanka Hydraulic Institute	Nov. 93 - May. 96	Oct. 00 - Jan. 01
36	Thalpitiya Mid	Jan. 97 - April 97 May 93 - Dec. 96	