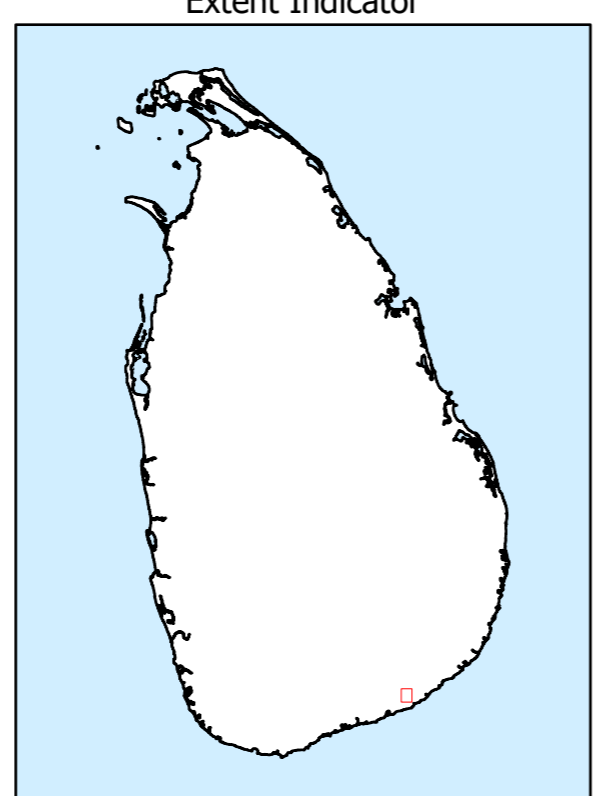
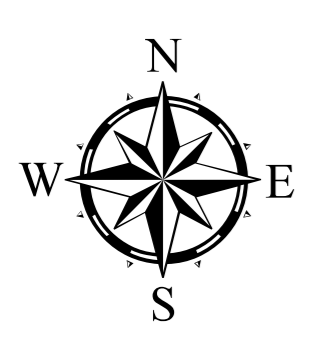
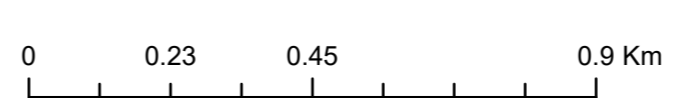


TANK DATA OF TISSAWEWA	
GENERAL	
Name of Scheme	- Tissa Wewa
Tank Location Coordinate	- (551,675 Em, 421,995 Nm)
Catchment Area (GIS)	- 17.39 km ²
Irrigable Area(GIS)	- 2,095 Ac
Type of Reservoir	- Major Tank
River Basin	- Kirindi Oya
RESERVOIR STORAGE	
Full Supply Level (FSL)	- 20.42 m MSL
High Flood Level (HFL)	- 20.44 m MSL
Water Spread Area at FSL (GIS)	- 573.46 Ac / 232.07 Ha
Capacity at FSL	- 3,486 Acft / 4.3 MCM
Dead storage	- 35 Acft / 0.04 MCM
EMBANKMENT	
Type of dam	- Earth Fill Dam
Bund Top Level (BTL)	- 21.18 m
Length of Bund (GIS)	- 1 Km+501 m
Bund Top Width	- 3.66 m
Maximum Height of Bund	- 4.57 m
Side Slopes D/S	- 1 on 3
U/S	- 1 on 2
SLUICE	
Loaction	- LB Low Level
Sluice Type	- Concrete Box
Number of Sluice Gates	- 1 No
Size of Each Gate	- 0.91 m L x 0.69 m H
Sluice Sill Level	- 16.94 m MSL
Loaction	- LB High Level
Sluice Type	- Concrete Box
Number of Sluice Gates	- 1 No
Size of Each Gate	- 0.69 m L x 0.18 m H
Sluice Sill Level	- 17.72 m MSL
SPILLWAY	
Type of Spillway	- Gated (Spill I)
Crest Level	- 18.64 m MSL
Number of Spill Gates	- 1 No
Size of Each Gate	- 3.35 m L x 2.131 m H
Spill Length	- 3.6 m
Type of Spillway	- Clear Over Fall (Spill II)
Crest Level	- 20.77 m MSL
Spill Length	- 61 m

Extent Indicator



Note:
 1. Irrigable Area layer compiled based on the data extracted from satellite images, through visual observations. Area calculations done using GIS techniques accordingly.
 2. Coordinate System used is SLD99 and all elevations are in m MSL.
 3. Prior approval should be obtained from Director General of Irrigation in case of converting this map or part of it to any other format and reproduced.



Scale: 1:12,000

Legend	
	Tank Coordinate
	Spill
	Sluice
	Bund
	Main Road
	Minor Road
	Main Canal (MC)
	Branch Canal (BC)
	Distributory Canal (DC)
	Supply Canal (SC)
	Feeder Canal (FDC)
	Field Canal (FC)
	Spill Tail Canal (SPTC)
	Drainage Canal (DRC)
	Irrigable Area
	Reservoir
	River
	GN Division

COMPILED	CHECKED	APPROVED
R.N.J.K.ARACHCHI ENGINEERING ASSISTANT (GIS)	Eng. T.SUGANTHALINGAM IRRIGATION ENGINEER (GIS)	Eng. G.MUGUNTHAN DIRECTOR OF IRRIGATION (ICT & GIS)
IRRIGATION DEPARTMENT GEO INFORMATICS BRANCH		
TISSAWEWA SCHEME TISSAMAHARAMA DIVISION - HAMBANTOTA REGION		
DATE: 16-12-2025	SHEET 01 OF 01	DRWG NO :