



D. G. Samant - Singh

At/ro KULAD

Via Angul - 759122

Dt - Dhenkanal

ORISSA

Measurements of Released Maysors at Winnewann 6/9/1980

S/ai	S-V	TAL	HC	WT	Remarks	sex
1	590mm	1220mm	100mm	7.600gm		♀
2	550	1110	87	6550gm		♂
3	530	1050	90	5700gm		♂
4	560	1130	91	6300		♀
5	610	1160	100	7150		♀
6	605	1170	100	7000		♀
7	625	1230	100	8000		♀
8	530	1050	90	5400		♀
9	550	1100	90	5900		♀
10	530	1040	75	4500		♀
11	560	1090	90	5400		♀
12	550	1050	85	5200		♀
13	560	1070	75	4700		♀
14	585	1060	90	5200		♀
15	495	1020	80	4900		♀
16	620	1240	80	8900		♀
17	685	1335	100	12200		♂
18	665	1250	90	8750		♂
19	610	1190	85	10600		♀
20	670	1320	90	11800		♂
21	650	1260	90	10550		♂
22	635	1260	90	8600		♂
23	600	1260	90	9100		♂
24	640	1260	90	9600		♀
25	610	1240	90	8400		♂
26	610	1230	85	8200		♀
27	640	1290	90	10600		♂
28	610	1230	90	8700		♂

Released at Wimmerau

29	490	950	7.5	3.500	R ♀ 1
30	480	970	8.5	3.750	♀ 1
31	500	990	80	3.900	♀ 1
32	460	900	70	3.000	♀ 1
33	450	900	70	3.500	♀ 1

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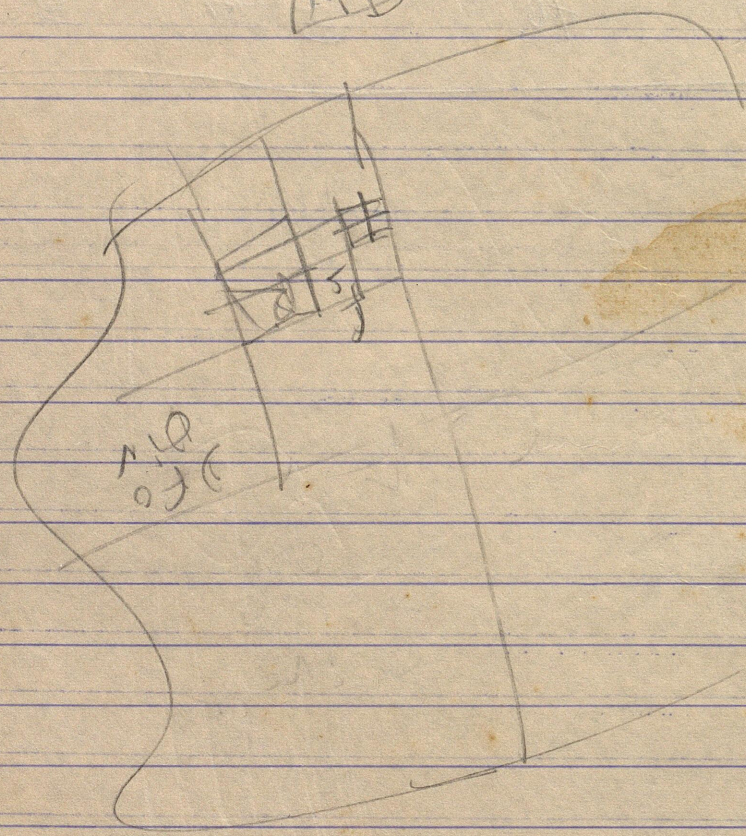
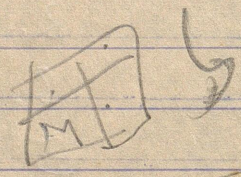


TABLE 1

MEASUREMENT DETAILS OF RELEASED MUGGER AT KINNERASANI
ON 7th APRIL 1980.

Serial No.	Total Body length (Snout tip to Tail tip)	Weight (in Kg)	Sex (M- Male ,F-Female)
1.	122	7.6	F
2.	111	6.5	M
3.	105	5.7	M
4.	113	6.3	F
5.	116	7.1	F
6.	117	7.0	F
7.	123	8.0	F
8.	105	5.4	F
9.	110	5.9	F
10.	104	4.5	F
11.	109	5.4	F
12.	105	5.2	F
13.	107	4.7	F
14.	106	5.2	F
15.	102	4.9	F
16.	124	8.9	F
17.	133	12.2	M
18.	125	8.7	M
19.	119	10.6	F
20.	132	11.8	M
21.	126	10.5	M
22.	126	8.6	M
23.	126	9.1	M
24.	126	9.6	F
25.	124	8.4	M
26.	123	8.2	F
27.	129	10.6	M
28.	123	8.7	M
29.	95	3.5	F
30.	97	3.7	F
31.	99	3.9	F
32.	90	3.0	F
33.	90	3.5	F

* - ALL RELEASED MUGGER WERE THE RESULTS OF EGGS COLLECTED AT GIR WILDLIFE
SANCTUARY(GUJRAT) IN APRIL 1977. HATCHED IN JUNE 1977, AT THE TIME OF
RELEASE THEY WERE THIRTY THREE MONTH(33) OLD=.

RE-INTRODUCTION OF MUGGER CROCODILES (Crocodylus palustris)
IN KINNERASANI RESERVOIR, KINNERASANI WILDLIFE SANCTUARY,
KHAMMAM DISTRICT, ANDHRA PRADESH

Introduction:

By the year 1972 all the three species of Indian crocodiles ie Mugger (Crocodylus palustris), Estuarine crocodile (Crocodylus porosus) and the long snouted Gharial (Gavialis gangeticus) have become 'rare' and were enlisted in the Schedule I of the Wildlife (Protection) Act 1972. Like many other Indian states, Andhra Pradesh with only one species - Mugger (Crocodylus palustris) occurring in the state⁺ was also concerned at the decline of this wildlife resource. During the year 1976, Andhra Pradesh Forest Department initiated a Crocodile Conservation Project (APCCP) with the assistance of Government of India and the FAO/UNDP, with the following objectives:-

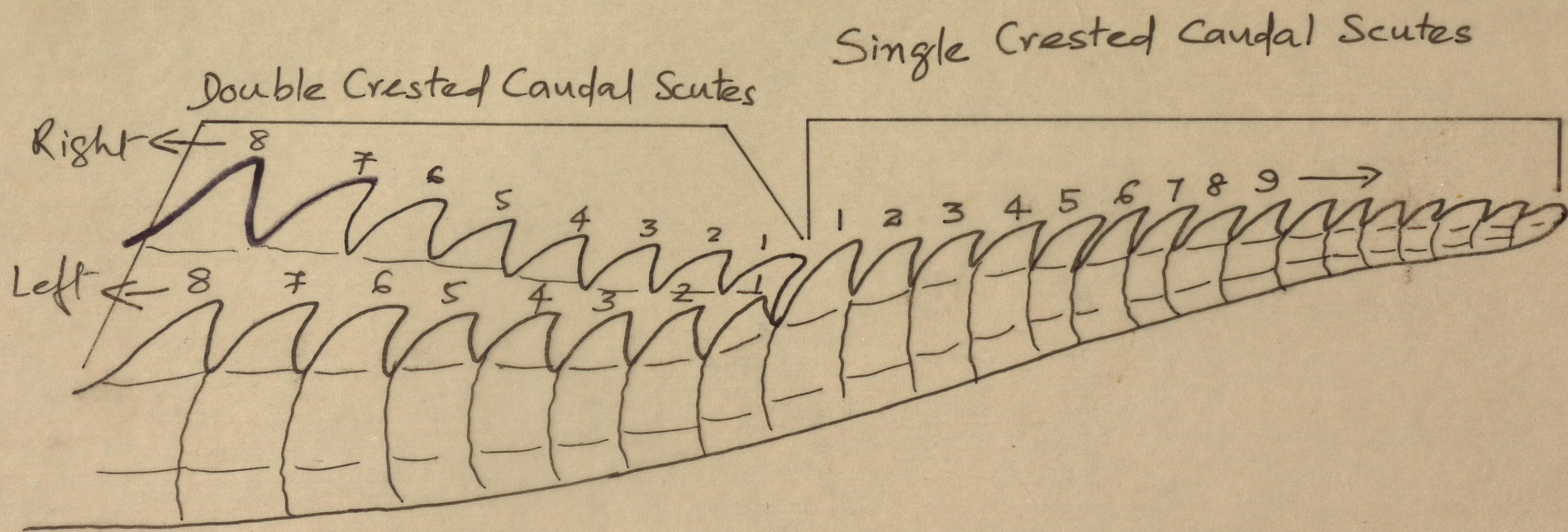
1. To assess the population status of crocodiles in the state by means of surveys.
 2. To select suitable sites/areas to be developed as sanctuaries for the crocodilians.
 2. To increase the population of crocodiles by means of wild crocodile egg collection, incubation, hatching and captive rearing.
 4. To restock already existing and declared selected sanctuaries with the captive reared crocodiles with the aim of forming breeding groups in the wild.
- and while all this is being done, ~~also~~ *to simultaneously*
5. To carry out research and gain more knowledge about the biology and ecology of these endangered reptiles. *based on which they can be managed artificially*

The first ever release of Mugger crocodiles into the wild on an experimental basis was carried out by the APCCP on 7th February 1977 (Four crocodiles) and again on 23rd December 1979 (Two crocodiles) at Ethipothala Falls near

⁺ Later, surveys indicated the presence of Gharials in the Godavari river at least a decade ago and the presence of Salt-water crocodiles in the Godavari river estuary during the 1940's.

Nagarjuna Sagar dam in Guntur district of Andhra Pradesh.⁺⁺ Regular monitoring of these released crocodiles proved the release a success and it was decided to carry out a large scale release of Mugger crocodiles into a new and bigger suitable habitat. Ultimately the choice fell on Kinnerasani Reservoir within the Kinnerasani Wildlife Sanctuary in Khamma district. On 7th April 1980 the second largest release of 33 (Thirty three) Mugger crocodiles into the wild in Andhra Pradesh was carried out at Kinnerasani Reservoir.

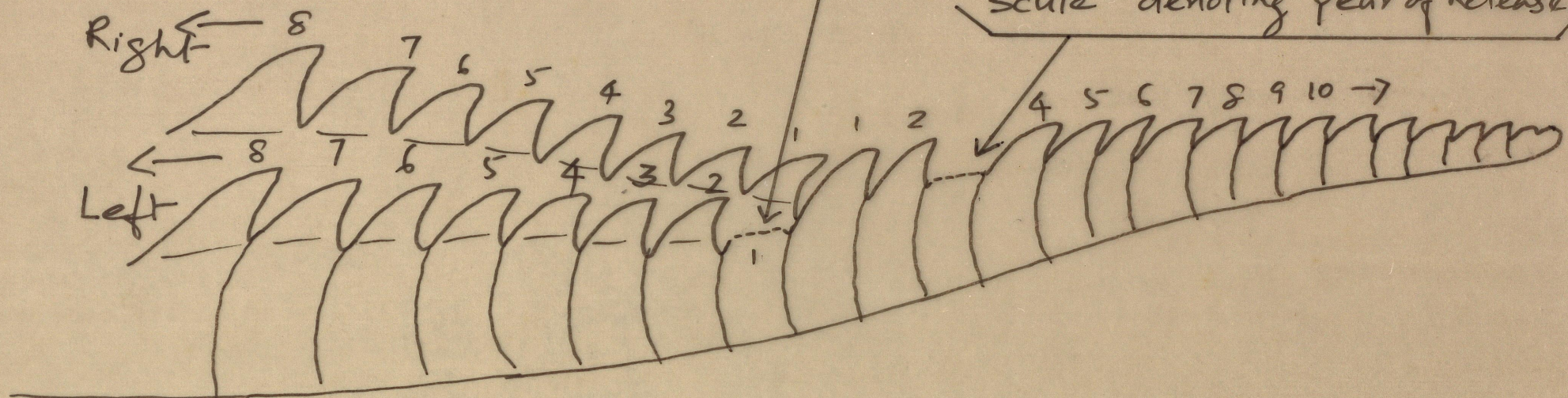
⁺⁺ On 11th March 1978 three Salt water crocodiles were also released back to the wild at Coringa Mangrove creeks in the Godavari estuary.



- Tail of a Unclipped crocodile -

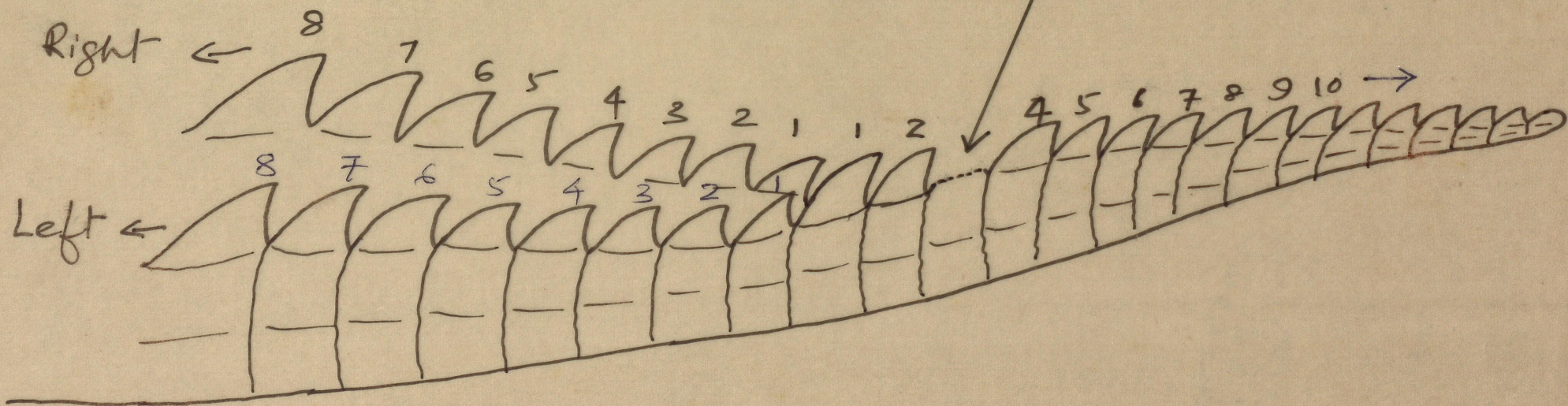
All males clipped - 1st left Double
crested Caudal Scute and

3rd Single Crested Caudal
Scute denoting year of Release



- Clipping code of 11 (Eleven) Male
Crocodiles Released at Kinnersani
on 7th April 1980 -

All Females have only the
3rd Single Crested caudal
Scute clipped denoting
the year of Release.



- Clipping Code of 22 (Twenty two) female
Crocodile Released at Kinnarsani on 7th April 1980. -

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KINNERASANI RESERVOIR, KINNERASANI WILDLIFE SANCTUARY, KHAMMAM DISTRICT,
ANDHRA PRADESH, 7th APRIL 1980.

By B. C. Chenchungu
Andhra Pradesh Crocodile Conservation Project.

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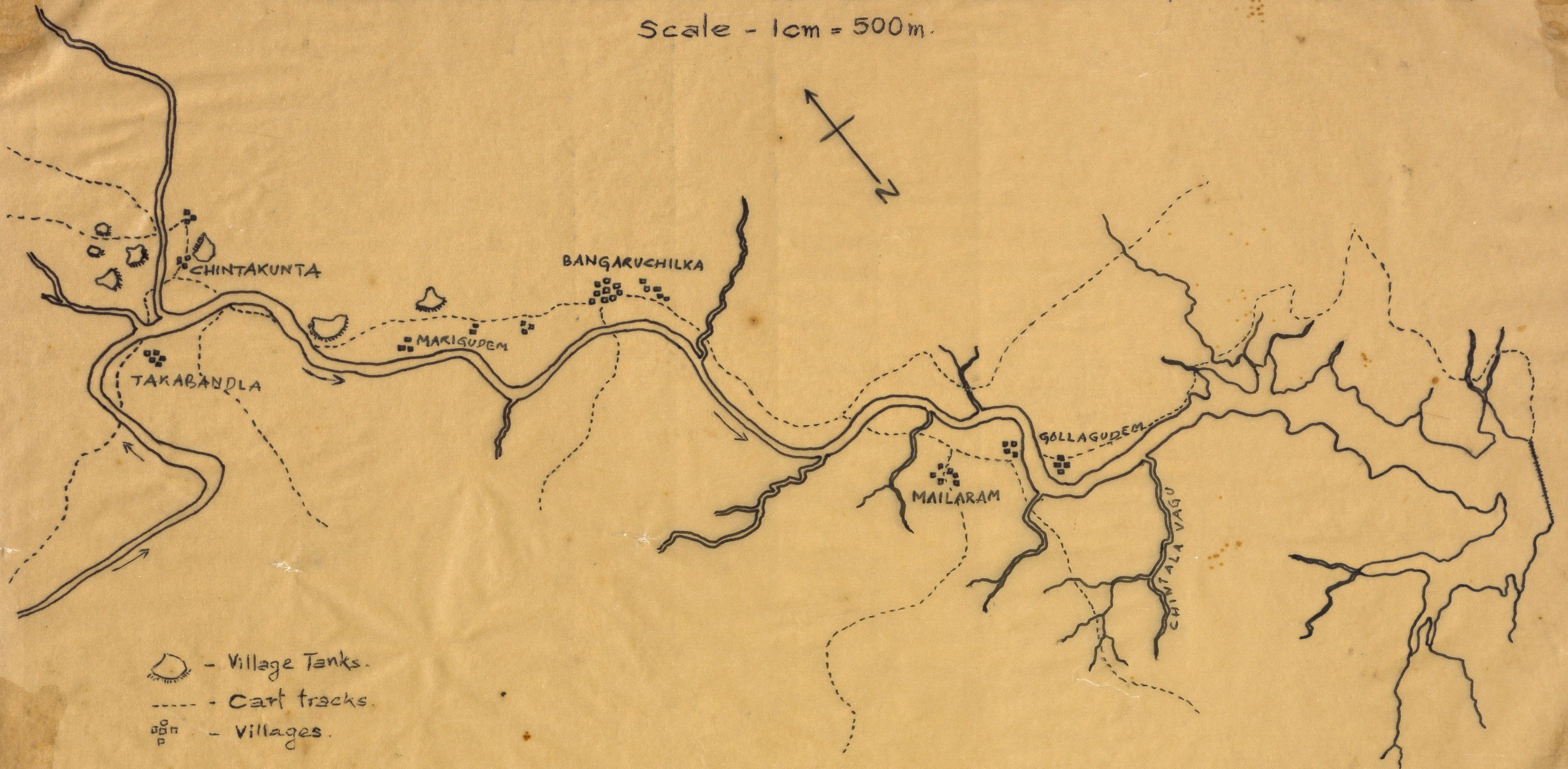
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KINNERASANI RESERVOIR & RIVER in KINNERASANI W.L. SANCTUARY.

Scale - 1cm = 500m.



-MUGGER-1980-MAINAERBASDING-REDEBARD

SPECIAL

FILE NO. _____

NAME _____

SUBJECT _____

CLASS _____ **SEC.** _____

YEAR _____

M. S. B. BRAND