



SPILL CHANNEL DATA		
1.	DISCHARGE (Q)	19.25 Cumecs
2.	VELOCITY (V)	2.816 M/SEC.
3.	BED WIDTH	40.00 M.
4.	DEPTH OF WATER	0.60 M.
5.	FREE BOARD	0.60 M.
6.	FTL BED LEVEL (U/S)	428.100 M.
7.	BED LEVEL (D/S)	428.670M.
8.	BED GRADE	1 IN 300
9.	VALUE OF 'N'	0.0225
10.	TOP WIDTH OF BANK R/L	1.80 M.
11.	PROPOSED PROTECTION FLOOR	6 M.+ 6M

BAR BENDING SCHEDULE										
SNO		LOCATION SHAPE	DIA MM	SPACING CM	LENGTH M	NO.5	TOTAL LENGTH M	UNIT WEIGHT KG/M	WEIGHT KG	
1	2	3	4	5	6	7	8	9	10	
1	2	3	4	5	6	7	8	9	10	
6	ABUTMENT TENSION REIN.		10	20	8.90	111	987.9	0.617	609.8	
6	DIST. BARS		10	20	22.20	45	999	0.617	616.7	
7	TIE WALL U/S & O/S FLOOR & CC BLOCK		10	20	40.00	96	3840	0.617	2370.4	
7	DIST. BARS		10	20	6.40	600	3840	0.395	1516.8	
TOTAL REBARS IN KG									5113.7	
ADD 5% FOR OVERLAP AND WASTE									255.88	
ACTUAL REBARS KG									5369.3	

SUB ENGG

Sub Divisional Officer
W.R. Sub Division No. 1
Kanker

DETAIL OF TRIAL PIT SECTION

	AV. R.L. NBL- 428.100
SOFT SOIL	R. L 427.200
HARD SOIL	R. L 424.650
DISINTEGRATED ROCK	R. L 423.000

T. P. AT NALLA BED

CERTIFIED THAT THE STRATA & LEVELS ARE
SHOWN IN THIS T.P. SECTION IS CORRECT.

SUB ENGINEER

SUB DIVISIONAL OFFICER
W.R. SUB DIVISION NO 1
KANKER

EXECUTIVE ENGINEER
WATER RESOURCES DIVISION
KANKER

GOVERNMENT OF CHHATTISGARH WATER RESOURCES DIVISION, U.B.KANKER		
DRAWING FOR RENOVATION OF SPILL CHANNEL OF SARWANDI TANK		
DRAWN BY:	CHECKED BY	CHECKED BY
SUB ENGINEER	ASSISTANT ENGINEER (D) INDRAWATI PROJECT CIRCLE JAGDALPUR	ASSISTANT ENGINEER(D) WATER RESOURCES DEPARTMENT JAGDALPUR
CHECKED BY	CHECKED BY	CHECKED BY
SUB DIVISIONAL OFFICER W.R. SUB DIVISION NO 1 KANKER	EXECUTIVE ENGINEER (D) INDRAWATI PROJECT CIRCLE JAGDALPUR	EXECUTIVE ENGINEER (D) WATER RESOURCES DEPARTMENT JAGDALPUR
CHECKED BY	RECOMMENDED BY	RECOMMENDED BY
ASSISTANT ENGINEER(D) WATER RESOURCES DIVISION KANKER	SUPERINTENDING ENGINEER (D) WATER RESOURCES DEPARTMENT JAGDALPUR	SUPERINTENDING ENGINEER (D) WATER RESOURCES DEPARTMENT JAGDALPUR
SUBMITTED BY	APPROVED BY	APPROVED BY
EXECUTIVE ENGINEER WATER RESOURCES DIVISION KANKER	SUPERINTENDING ENGINEER INDRAWATI PROJECT CIRCLE JAGDALPUR	CHIEF ENGINEER WATER RESOURCES DEPARTMENT JAGDALPUR
DRG. NO.		