

ఈ బిల్లులో క్లెయిం చేసిన స్వకం వివరాలు

PARTICULARS OF AMOUNT CLAIMED IN THIS BILL

No. & Description of Sub-Voucher	వ్యయం వివరాలు మొత్తాన్ని సంజారు చేసేందుకు ఇచ్చిన ఉత్తర్వు నెం. (Details of expenditure and authority of Sanction drawal of amount)	మొత్తం Amount
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Total Rupees		Only
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Particulars of Budget	
1.సంవత్సరానికి బడ్జెట్ కేటాయింపు	Rs.
2. ఈ బిల్లుతో సహా అయిన వ్యయం.	Rs.
3. నిలువ	Rs.
Balance	

FOR USE IN TREASURY ACCOUNTS OFFICE
FOR USE IN A.G.S. OFFICE

Countersigned
Executive Engineer
Zilla Parishad
Date

Drawing Officer

7 (I) DETAILED MEASUREMENT SHEET

Sl. No.	Description of item of work	Measurements				Quantity Rate/per Amount		
		Nos.	L	B	D			
1	2	3	4	5	6	7	8	9

7 (III) ABSTRACT ESTIMATE

Sl. No.	Description of item of work	Quantity	Rate/per	Amount
1	2	3	4	5

8 REGISTER OF INCREMENT CERTIFICATE

Sl. No.	Name	Designation	Scale of pay	Date of increment	Present pay	pay after increment	Date of sanction	Initials of Officer
1	2	3	4	5	6	7	8	9

Z.P. & P.S. Form 3
G.P. Form No. 60

Rs.
P.
No.
Brought forward

Voucher No.
Number of
Discipline of
Special assignment

Bill of Contingent Charges in the Office of

Date :
Total Rs.
P

No. of Sub-Voucher

Description of charges and date of Authority Where special sanction is necessary

Rs.

FOR USE OF CONTROLLING OFFICE

Signature and designation of the
Controlling Officer

Signature and designation of the
Drawing Officer

Balance available
Amount of work bills annexed
Expenditure including this bill
Appropriation for the current year

FOR USE OF CONTROLLING OFFICE

Signature and designation of the
Controlling Officer

Signature and designation of the
Drawing Officer

Carried over

Controlling Office
Rupees in (words)

Date

RECEIVED PAYMENT : I Certify that expenditure charged in this Bill should not with due regard to the interest of the public service, the avoided and that so far as I could ascertain the rates allowed are reasonable and do not exceed the local current rates I have satisfied myself that charges entered in his bill have been really paid or will be paid on receipt of money drawn on this bill Voucher for all sums above Rs. 25 in amount and for all sums paid for Telegrams and Postage Stamps are attached here except, there noted below, which will be forwarded as soon as the amounts have been paid. I has as for as possible obtained vouchers for other sums and personally responsible that they have been so far delayed that these cannot be used again. In regard to telegram charges, I certify that they are incurred for bonafide Local Fund purpose.

Certified that the work turned out is satisfactory and work the amount for it Received the above articles in good condition and entered in this stock register. Quantities are correct and qualities good and suitable for the purpose.

Station Dated.....19.....

Allotment.....19.....

Expenditure including this bill

Balance available Rs.

Rs. Ps.

HEAD OF OFFICE Countersigned

Signature Designation.....

Date.....19.....

Passed for Rs. Payable at the

Station..... Treasury to.....on his re

Date.....C.E.O., Z.P./M.P.D.O., M.P.

Pay Rupees.....Gram Panchayat

by transfer to the credit of postal remittance

Station.....C.E.O., Z.P./M.P.D.O., M.P.

Date.....Gram Panchayat

Received contents please pay to

Dated.....Payee

Received payment Dated.....Actual Payee

Audit Enforcement Admitted Rs.

Objection Rs. Total Rs.

Auditor

This word "and postage stamp" should be struck out by all officer except the Engineer who obtains from treasury on payment in cash or by cheque issued in favour of the treasury officer.

The Word "by transfer the credit of partial remittance" should be committed when payment is made in cash.

APPLICATION FOR PENSION/GRATUITY

UP TO DT. AS PER G.O. MS. NO. 263

DT. 23-11-1998

**FORM OF APPLICATION FOR SERVICE PENSION/FAMILY PENSION/
RETIREMENT GRATUITY/SERVICE GRATUITY/COMMUTATION**
(To be furnished in duplicate)

Part I information to be furnished by the Government Servant / Application

(The Pension Sanction Authority shall forward the application duly processed to the AG (A & E) LF Authority within a period of 30 days)

1.	a) Name of the Government servant b) Post held	YES/NO	
2.	Name of the Application (in case of death of Government servant)		
3.	Permanent address		
4.	Address after retirement		
5.	Commutation of Pension a) Whether willing to commute 1/3rd of monthly pension, subject to AP Civil Pensions (Commutation) Rules, 1944 b) If the answer is 'NO' specify the fraction less than 1/3rd		
6.	a) Name of the pension Disbursing Authority b) Name of the paying Bank from where pension payment is desired by the pension/family pensioner/gratuitant	Name of the Bank and Branch	S.B. Account No.

7. List of family members				
(a)	(b)	(c)	(d)	Marital / Employment status of the children of the applicant/deceased Government Servant
Sl. No.	Name of the Family Member	Date of Birth	Relationship with Government servant	<div> <div>Married or Unmarried</div> <div>Date of Marriage if married</div> </div> <div>Whether employed or not. Given details of employment</div>

Instructions:

1. The Government servant is instructed to fill up the proforma very carefully as the data furnished is vital for sanction of family pension. He/She may note that alterations of the data furnished at a alternate date is not permissible
2. The "family" for the purpose mean "wife" or "husband" as the case, may be, sons" and "unmarried daughters. As laid down in Rules 50 (12) (for Family Pension) and 46 (5) (for Gratuity) of AP Revised Pension Rules, 1980.
3. In case of death while in service of Government servant, the answer 'Married' in case of daughter will be understood that the daughter is already married as on the date of death of the government servant

Part-II (A) Information to be filled up by the Pension Sanctioning Authority	
1. Name of the Government Servant and post held	
2. Father's Name / Husband's Name	
3. Name of the Applicant (Incase of death of Government servant)	
4. Date of Birth of Government servant	
5. Date of Entering into service	
6. Date of retirement / death	
7. Designation and office from which the Government servant retires / retired / died	
8. The rule applicable:	<p>a) The relevant Rule under the AP Revised Pension Rules, 1980 applicable (tick the rule number(s) applicable and strike out the rest)</p> <p>b) Whether ANTICIPATORY PENSION is being sanctioned in terms of Rule 51</p> <p>c) Whether PROVISIONAL PENSION is being Sanctioned in terms of Rule 9 (4) read with Rule 52</p> <p>d) Any other rule applicable</p>
9. Total Service (6-5)	
10. Periods of non-qualifying service	<p>(a) E.O.L</p> <p>(b) Suspension period</p> <p>(c) Dies-non</p> <p>(d) Boy service</p> <p>(e) Any other service not qualifying for pension</p>
Total non-qualifying service (a to e)	

D. LEFT HAND THUMB AND FINGER IMPRESSIONS OF SERVICE PENSIONER/ FAMILY PENSIONER/GRATUITANT/GUARDIAN OF MINOR OR HANDICAPPED CHILD: (to be given by the illiterate or those unable to sign and for others it is optional)

Details	Little Finger	Ring Finger	Middle Finger	Fore Finger	Thumb Finger
Service Pensioner					
Family Pensioner/					
Gratuitant/					
Guardian of Minor/ Handicapped Child					

Place :

Attested by Signature

Date :

Name :

Designation :

Office Seal :

(Attestation has to be done by a Gazetted Officer of A.P. State Government in Service).

Note : 3 copies will be forwarded to Accountant General/Local Fund Audit Officer by Pension Sanctioning Authority and one will be retained by the Pension Sanctioning Authority

ANNEXURE - II
NOMINATION

(The Government servant may use separate forms, if he wishes to make different nominations for each type of payment mentioned below)

I hereby nominate the person/persons mentioned below and confer on him/her/them the right to receive Life Time Arrears of Pension, Retirement Gratuity that may be sanctioned by Government, in the event of my death while in service and right to receive on my death Life Time Arrears of Pension, Retirement Gratuity, commuted value of pension, Death Relief which having become admissible to me on retirement which may remain unpaid at my death.

1	2	3	4	5	6	7
---	---	---	---	---	---	---

Nominee(s)	Relationship with Government Servant	Age	Contingencies on the happening of which the nomination shall become invalid. (Death need not be mentioned)	Name and address, relationship and age of the alternative nominee(s) to whom the right conferred on the nominee(s) in Col. 1 shall pass in the event of the nomination to him/her/them becoming ineffective.	Amount or share payable to each in Col. 6.
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This nomination supersedes the nomination made by me earlier on.....

NOTE : The Government servant shall draw lines across the black space below the last entry to prevent the insertions of any name after he/she has signed.

Dated this.....day of.....1999/20.....at.....

Witness :-

1. Signature, Name: and Address

2. Signature, Name: and Address

Signature of the Government Servant

Designation :

Office :

Countersigned

Signature of Head of Office / Department

Date:

Name and Designation :

Office Seal :

Note 1 : The Government servant who has a family may nominate one member or more than one member of the Family as defined in Rule 46 (5) of A.P. Revised Pension Rules, 1980

Note 2 : The Government servant who has no family may nominate a person or persons, or a body of individuals, whether incorporated or not.

Note 3 : The Government servant may note that the nomination with signature of two witnesses shall only have the legal validity of a WILL.

Note 4 : This nomination form is to be submitted by the employees in triplicate, one for use of the pension sanctioning authority and two copies to be forwarded to the Accountant General/Local Fund Audit Offices.

Note 5 : For the purpose of Rules 46, 47, 48 and 49 of Revised Pension Rules 1980, family in relation to a Government servant means:

i) Wife or wives in the case of a male Government Servant.

ii) Husband, in the case of a female Government Servant.

iii) Sons including step sons, posthumous son, and adopted sons (whose personal law permits such adoption)

iv) Unmarried daughters including step daughters, posthumous daughters and adopted daughters. (Whose personal law permits such adoption)

v) Widowed daughters including step daughters and adopted daughters

vi) Father including adoptive parents in the case of individuals whose personal law permits

vii) Mother permits adoption

viii) Brothers below the age of 18 years including step brothers.

ix) Unmarried sisters and widowed sisters including step sisters.

x) Married daughters, and

xi) Children of a pre-deceased son.

ANNEXURE - III

BY REGISTERED POST

From

(Pension Sanctioning Authority)

To,

The

(Disciplinary Authority/
Appointing Authority/
Head of the Department.)

Sub : Pension - Sanction of Pension and Other Retiring Benefits in respect of
Sri/Smt. _____ Designation _____
Regarding _____

I am to inform you that the Pension / Family Pension application form of
Sri/Smt. _____ retired/retiring on _____ as _____
was forwarded to AGAP/LFA on _____ As per the records held
by me no disciplinary/ judicial proceedings are pending/contemplated against the
above retiring/retired Government employee. I request you to verify whether any
such case is pending against the above employee which entitles withholding or with-
drawing pension or part of pension permanently or for specified period has laid down
under Rule 9 of RPRs 1980. If so the AG (A&E)/Dy. Accountant General (Pension),
O/o the AG (A&E) AP, Hyderabad/Local Fund Officer may be intimated accordingly
by name either by Registered post or through a special messenger in Govt. Memo
No. 33764-A/55 PSC/93, Finance & Planning (FW-PSC) Department, dt. 15-10-
1993 and reiterated in Government Memo No. 37254/361/A2/Pen-I/98, Finance &
Planning (FW-Pen. 1) Department, dt. 4-7-1998. Copies of such orders shall also
be sent to the concerned Treasury Officers/PO for withholding the pensionary ben-
efits. In this connection the instructions issued in Para 2, part-II B of G.O. Ms. No.
263, Finance & Planning (FW-PSC) Department, Dt. 23-11-1998 may be scrupulously
followed.

Station :

Date :

Signature

Yours Sincerely

(PENSION SANCTIONING AUTHORITY)

LAST PAY CERTIFICATE

Last Pay Certificate of _____
of the _____
Proceeding on _____
2 He has been paid upto _____

PARTICULARS

Substansive

Officiating Copy

Deduction

3. He made over the charge of the office _____ on the _____ noon of _____

4. Recoveries are to be made from the pay of Govt. Servant as detailed on the reverse

5. He has been paid leave salary as detailed above deduction has been as

PERIOD	RATE	AMOUNT
From _____ to _____	at Rs. _____	a month
From _____ to _____	at Rs. _____	a month
From _____ to _____	at Rs. _____	a month

6. He is also entitled to draw the following
7. He is entitled to joining time for
8. The details of income tax recovered from upto the date from beginning of the current year noted on reverse.

Signature
Name
Designation

DETAILS OF RECOVERIES

Nature of recovery in _____
Amount Rs. _____
To be recovered in _____

DEDUCTION MADE FROM LEAVE SALARY

From _____ To _____ on Account of _____ Rs. _____
From _____ To _____ on Account of _____ Rs. _____
From _____ To _____ on Account of _____ Rs. _____
From _____ To _____ on Account of _____ Rs. _____

Name of Month	Pay Rs.	Gratuity Fee etc Rs.	Fund and other Deductions Rs.	Amount of income tax recovered Rs.	Rs. Marks
April 19					
May 19					
June 19					
July 19					
August 19					
Sept. 19					
Oct. 19					
Nov. 19					
Dec. 19					
Jan 19					
Feb 19					
March 19					

Annexure-III

[illegible][illegible]

	Rs.	on Account of	To	Flowm
Contd.,	Rs.	on Account of	To	Flowm
Speedo meter reading	10	Miles run since last issue of petrol	11	Flowm
		Miles per liter	12	Flowm

Name of Month	Rs Pay	Rs Gratuity Fee etc	Rs Deductions Fund and other	Rs Amount of income tax recovered	Rs Total	Remarks
March 19						
Feb 19						
Jan 19						
Dec 19						
Nov 19						
Oct 19						
Sept 19						
August 19						
July 19						
June 19						
May 19						
April 19						

RETURN SHOWING THE RECEIPTS, ISSUES AND BALANCE OF MATERIALS AT SITE OF MINOR AND REPAIR WORKS FOR THE MONTH OF _____

Division
Sub-Division
Section

Sl. No.	Name of Work	Description of materials	Ref. To item No. in the Register (form P.W.S. XXVIII)	Opening balance	Receipts during the month	Ref. to D.Vr.No. & dated etc
1	2	3	4	5	6	7

Contd.,

ISSUES

Issues during the Month	Ref. to vr. No. & Date in which labour charges paid	Closing Balance	Remarks
8	9	10	11

16 RUNNING ACCOUNT BILL

Note

Division

1

This form is intended for use in the case of running accounts i.e. for works in progress or supplies in course of delivery when the liability is discharged in full. Single form No 38 A should be used

2.

Payment will be made only upto nine tenths of the total value of the work done. The balance being remained as security for both for the due performance of the contracts are to cover possible over payment which may be deducted on check measurement in the case of work whose estimated cost does not exceed Rs. 50/- payment may be made in full on the measuring officers certificate subject to subsequent check measurement by the proper check measuring authority

3.

In calculating the amount to each item due to the contractor in this bill sums of six paise of less shall be omitted and sums exceeding six paise upto one anna shall be recovered as one anna.

4.

Payment made in case of sums exceeding Rs. 100/- should be attested by two witnesses and for smaller sums by one witness. Payment made by cheque or to recognised firms or institutions need not be so witnessed

5.

When the payee signs in the vernacular, the amount acknowledge should also be noted in the same vernacular as well as in English.

6.

In the case of other than well-known firms all parties must sign if there be more than one contractor or the payees must produce a power of attorney from the firm.

7.

No contract certificate bearing on reuses should be accepted. If any corrections are necessary, the figures should be nearly scored out and initialled by the officer concerned in the case of corrections made in the Engineer's office the Head accountant may be authorised to attest those due to clerical errors etc., but the Engineer should affix his initials to all corrections in the rate column as well as those in the totals, the bills and the pass order. This rule applies MUTATIS MUTANDIS to payment from miscellaneous grants.

8.

In case in which the materials billed for the taken over charge by an officer other than the officer signing the certificate at foot of the bill the names of the former should be noted in the remarks column of the bill after necessary amendment being made at the same time in the excluding portion of the certificate relating to materials.

Sub-Division

Cash Book Voucher No

Schedule Docket No

Division

Running Account Bill

Name of Work

Description of Work

No

Name of work

purpose of Supply

name of Contractor

Serial number of this bill

Number and date of his last bill for this work

Reference to Agreement

I ACCOUNT OF WORK DONE OR SUPPLIES MADE

Unit	Quantity executed For supplied) upto Date as per measurement book	Items of work or supplies (ground under "Sub-head" or sub-works of estimate	Rate	Amount	Remarks
1	2	3	4	5	6
					Upto Since previous date vious bill (Total for sub-head)
1	2	3	4	5	6

LOCATION

(s) Village (d) Mandal (c) District (b) Tehsil (a) Taluk

Coordinate

Station No.

Work

Estimate

Total value of work done or supplies made to due a deduct value as work or supplies showing on previous bill net value of work or supplies since previous bill F.

Amount (in words)

II CERTIFICATE AND SIGNATURES

To measurement were made by.....
And are recorded at page..... of Measurement Book No.

No advance payment has been made previously without detailed measurements

Dated signature of officer
Preparing the bill Rank

Dated signature of contractor
Rank

Dated signature of Officer
Authorising payment Rank

17 FORMAT FOR RECORDING SEGMENT-WISE FIELD OBSERVATIONS AND DATA ANALYSIS

1. Segment Index Number ::
2. Investigations conducted by ::
3. Duration of Investigations ::
4. LOCATION
 - a) Village(S) ::
 - b) Mandal ::
 - c) District ::
 - d) Toposheet No. ::
 - e) Quadrant No. ::
 - f) Coordinate :: W.Lat E.Long
5. PHYSIOGRAPHY
 - a) Regional topographic setting
Slope characteristics slope (percent)
And direction of slope
Characteristics of terrain :: Plain/Gentle/Moderate/Steep
 - Characteristics of terrain :: Even/uneven/undulating/rolling/Rugged
 - b) Local topographic setting
slope characteristics slope
(Percent) and direction of slope
Characteristics of terrain :: Plain/Gentle/Moderate/Steep
 - Characteristics of terrain :: Even/uneven/undulating/rolling/Rugged
 - c) Geomorphology (with reference to
Remote sensing data and field checks)
 1. Classification :: Flood plain/Dissected
pediment/Pedi plain/
Colluvium
Pediment/Others (specify)
 2. Drainage pattern :: Dendritic/Sub-dendritic/
parallel/trallis/rudial/
centripetal/ rectangular/
anamolous

3. Drainage density :: Low/Moderate/High
4. Relief of the area :: a) Maximum elevation M
above M.S.L.
b) Minimum elevation M
above M.S.L.
5. Stream draining area
 - a) Area ::
 - b) Nature :: Ephemeral/Intermittant/Pereanial
 - c) Pattern of the atteam channel :: Straight/Braided/Preandering
 - d) Climate :: a) Classification : Arid/Semiarid/Humid
b) Mean annual rainfall
As recorded at
(Name of the village)
 - e) Soils :: a) Textural classification
Loam/sandy clay/clay loam/clay
Silty clay/silty loam/silt
b) Depth characteristics:
Very deep/deep/moderately deep/
Shallow/very shallow
c) Hydrological soil group-A/B/C/D
 - f) Crops grown in the area :: Paddy/Sugarcane/Groundnut/Citrus/
Jowar/Bajra/Other millets/Pulses/cotton/
mulberry/ Vegetables/other
 - g) Source of recharge (in addition
to infiltration from rainfall and
their proximity to the site
investigated) ::
 1. Irrigation tanks
 2. Stream/River
 3. a) Canals (Project)
Main canal
Branch
Distributory

Note a) Soils with high infiltration rate			
b)	Soils with moderate infiltration rate		
c)	Soils with slow infiltration rate		
d)	Soils with very slow infiltration rate		
b)	Period of water supply in canals		
c)	Location with respect to the reach	Head reaches/Middle/Tail end	
4.	Return flow from irrigation	::	
h)	Ground water discharge		
1.	Phratophytes		
2	Springs in the area		
a)	No. of springs	::	Ephemeral/intermittent/Perennial
b)	Nature	::	Water table cutting ground slope/structure controlled contract/Karst/Excavated heads
c)	Origin		
d)	Spring order	::	1/2/3/4/5/6/7/8 (Maintainer's classification)
3.	Surface drains	::	Pucca/natural stream course used in drains
4.	sub-surface drains	::	
5.	Seepage Zones	::	
i)	Soil conservation works	::	
j)	Artificial ground water recharge sources	::	Percolation tanks/percolation check dams/soil conservation works/others
k)	Soils effected	::	Saline soils/zones subject to accelerated soil erosion/bad land topography

I)	Remarks on item (g) to (k)	::	
b)	LOCAL GEOLOGY (within the segment)		
1.	Rock type		
2.	Texture		
3.	Colour		
4.	Structure		
	Remarks		
7.	HYDROGEOLOGY		
a)	Characteristics of aquifer Zones Lithology -type of aquifer	::	
b)	Geohydrological conditions depth of water table in the are	::	
	Seasonal water table fluctuations	::	
c)	Details of observation well(S) representing the segment.	::	
	Location	::	
	Distance and Direct from the site Investigated	::	
	Lithology	::	
	Pre-monsoon	::	DTW
	Post-monsoon	::	DTW
			m.bgl m.bgl
	If the observation well(s) in the area are not representative of the segment: Establish a new observation well.		
d)	Aquifer and well characteristics as obtained from pumping tests (if any)	::	
	Transmissivity	::	m2/day
	Specific yield	::	
	Specific capacity	::	1pm/m.d.d
e)	Number of wells inventoried	::	
f)	Status and mode of ground water development in the area	::	

- 1) Type of wells :: Dugwells/dug-cum-bore wells/ bore wells/filterpoints/ tubewell/infiltration wells
- 2) Well density :: Wells/sq. km
- 3) Stage of development :: Virgin area/low/moderate/ high/over developed
- 4) Type of lift :: Mhote/centrifugal pumps with oil engines and electric motors/ submersible pumps/others
- 5) H.P. of prime mover ::
- 6) Pumping rates :: lph
- 7) Hours of pumping in a day :: Kharif Hr to Hr
Rabi Hr to Hr
- 8) Extent irrigated under wells in the area (range) :: Kharif Hr to Hr
Rabi Hr to Hr
- 9) Unit draft to the segment :: D.W.
D.C.B.
B.W.
T.W.
I.F.W.
F.P.

10) CHEMICAL QUALITY OF WATER

- a) No. of ground water samples collected ::
- b) Specific conductance range :: Microsiemens/cm
mg/lt to mg/lt
- c) Concentration of total dissolved solids:: mg/lt to mg/lt
- d) Fluorides ::
- e) pH range ::
- f) Classification with reference to drinking ::
- g) Classification with suitability for drinking ::
- h) No. of surface water samples collected details of sources and quality characteristics ::
- i) Possible source of pollution (if any) ::
- j) SKETCH SHOWING THE AREA INVESTIGATED (not to scale) ::

Signature
Name and Designation
of the Field Officer

18. WELL INVENTORY SCHEDULE

- 1 LOCATION
 - a) District b) Mandal
 - c) Village d) Survey No.
 - e) Longitude Toposheet No
 - f) Geomorphie setting
- 2 Owner of the well
- 2 Details of the well
- 3
 - a) Use-Domestic/Irrigation ::
 - b) Type ::
 - c) Shape :: Dug/Dug-cum-bore/Bore well/Filter point/others
 - d) Dimensions :: Square/Rectangular/Circular/Irrigular mt. M/ m.dia/ mm.dia
 - e) Total depth of the dug portion :: m.bgl
 - f) No. of inwell bores and depth :: No. m from the bottom of dug portion
 - g) Depth of the bore well :: m.bgl
 - h) Filter portion/tube well :: Blank casting : m. to m.bgl
slotted pipe: m. to m.bgl
- 4 Water level
 - a) Depth to water level :: m.bgl as on
 - b) Normal water level ::
 - Minimum D.T.W :: m.bgl
 - Maximum DTW :: m.bgl
 - Seasonal fluctuations :: m
 - c) Historical water level ::
 - Minimum DTW :: m.bgl
 - Maximum :: m.bgl
- 5 QUALITY
 - a) Specific conductance :: Microsiemens/cm
 - b) Total disclved solids :: mg/L
 - c) pH ::
 - d) Temperature ::
 - e) Fluoride :: mg/L
 - f) Taste ::
 - Mode of lift and performance ::
 - a) Centrifugal pump/Mhote/ Draw well ::

VES No		Village		Date	
Sl. No.	MN/2 in mts	AB/2 in mts	K	V/I Sa in Ohm-m	V/I Sa in Ohm-m
1	0.5	1.5	6.3		
2	0.5	2.0	11.8		
3	0.5	3.0	27.5		
4	0.5	4.0	49.5		
5	0.5	5.0	77.8		
6	0.5	6.0	112.4		
7	0.5	8.0	200.0		
8	0.5	10.0	313.5		
	2.0	10.0	75.4		
9	2.0	10.0	75.4		
	0.5	13.0	530.0		
10	0.5	16.0	804.0		
	2.0	16.0	198.0		
11	2.0	20.0	311.0		
12	2.0	30.0	704.0		
13	2.0	30.0	704		
14	2.0	40.0	1254		
15	2.0	50.0	1961		
	10.0	50.0	377		
16	10.0	60.0	550		
	2.00	60.0	2825		
17	10.0	70.0	754		
18	10.0	80.0	990		
19	10.0	100.0	1556		
20	10.0	130.0	2640		
21	10.0	160.0	4007		
22	10.0	180.0	5076		
23	10.0	200.0	6270		
	40.0	200.0	1509		
24	40.0	250.0	2393		
25	40.0	300.0	3473		
26	40.0	400.0	6223		
27	40.0	500.0	9759		
24	Transverse Resistance T in Ohm-m				
25	Transverse Resistivity in Ohm-m S				
26	Longitudinal Resistivity in Ohm-m S				
27	Coefficient of Anisotropy				
28	Effective thickness to bottom of massive rock in Mts.				

Signature of Junior Geologist
Panchayat Raj

20 REPORT ON CHEMICAL ANALYSIS OF WATER

Name & address of Sender	
Sample collected by	Date collected
Date received.....19	Date reported
Source of water	
Lab reference No	

1	Colour	:
2	Turbidity (J.T.Us)	:
3	Ph	:
4	Electrical Conductivity (Micromhos/Cm at C)	:

The following results expressed in Milligrams per litre

- | | | |
|----|---------------------------|-----------------|
| 1 | Alkalinity | Phenolphthalien |
| 2 | (as CaCo3) | Methyl Orange |
| 3 | Total Hardness | (as Ca Co3) |
| 4 | Carborate hardness | (as Ca Co3) |
| 5 | Calcium | (as Ca Co3) |
| 6 | Ammoniacal Nitrogen | |
| 7 | Oxygen Consumed from KMno | |
| | (in 4 hours at 37 C) | |
| 8 | Chloride | (as Cl) |
| 9 | Fluoride | (as F) |
| 10 | Nitrate | (as N) |
| 11 | Nitrite | |
| 12 | Sulphate | (as So4) |
| 13 | Iron | (as Fe) |
| 14 | Sodium | (as Na) |
| 15 | Potassium | (as K) |
| | Poisonous Metals | |
| | (Arsenic, Chromium, Lead) | |

Remarks

Done on special request
Junior Water Analyst

21 REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Sample Received from	
Date of Collection	
Date of Receiving	
Source of Water	
Lab Reference No.	
RESULTS OF EXAMINATION	
MPN of Coliform Bacteria per 100 ml	
Mpu of E. Coli	

Remarks

Junior Water Analyst

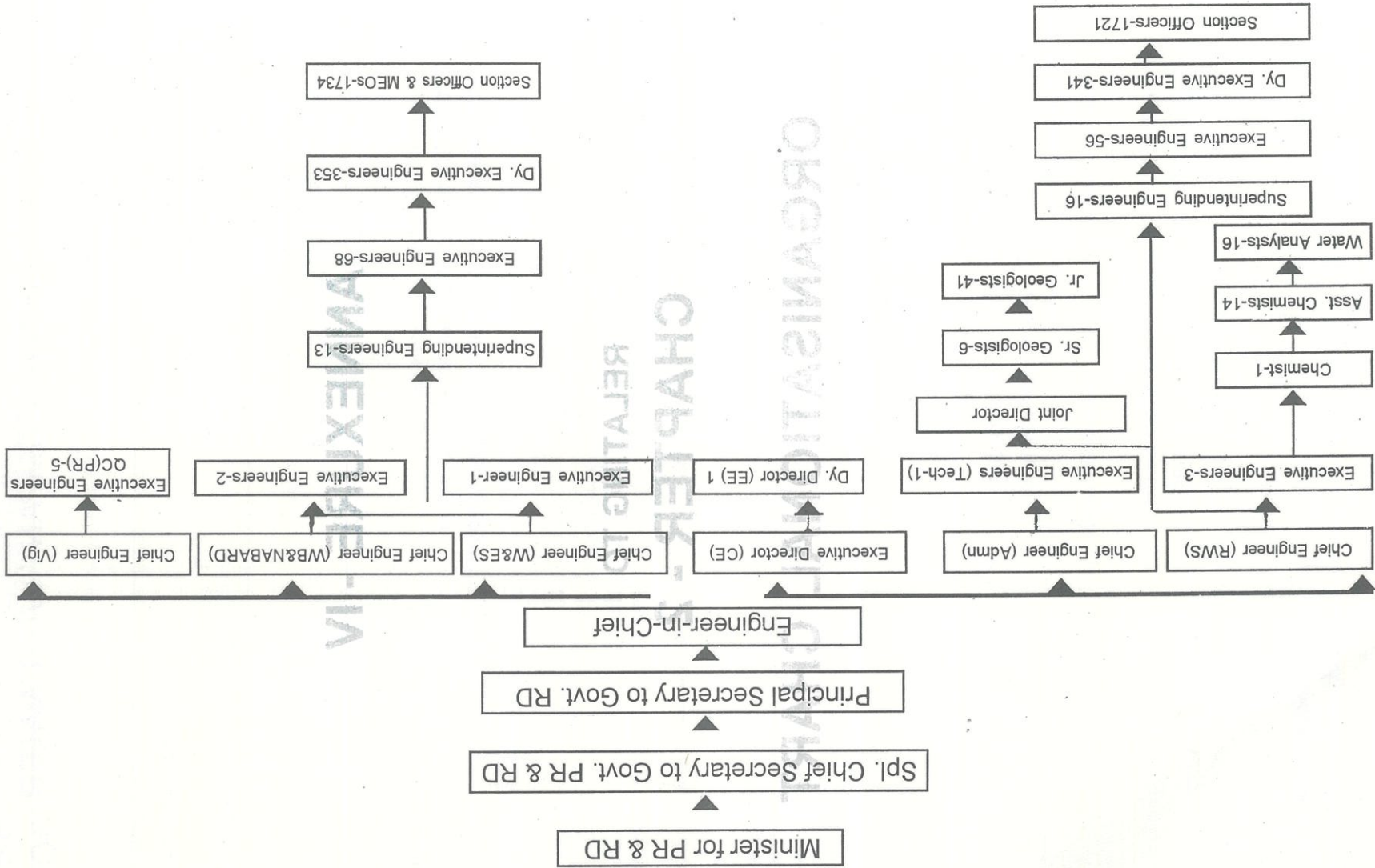
22 INFORMATION TO ACCOMPANY WITH WATER SAMPLE

1	Sample from	:
2	Date and time of collection	:
3	Collected by	:
4	Date of despatch	:
5	Nature of analysis required	:
6	Source of Water	:
7	Is it an old or newly constructed source	:
8	Position of source and nature of soil in which it is situated	:
9	Exact place, and depth below surface from which the sample was taken	:
10	Possibility of impurities reaching the water	:
	a) Distance and position of the source from the Nearest habitation, stable, cattle sheds, Manure heaps, middens or graveyards	:
	b) Distance and position of the source from cesspools, drains, sewers etc.	:
	c) Distance and position of the source from : wet or dry cultivation	:
11	State of weather at time of sampling	:
12	Recent rainfall, with particulars, if any	:
13	Is the well open or covered (in case of well water)	:
14	Total depth of well	:
15	Depth of water in the well	:
16	Does in become hazy or turbid after exposure to air	:
17	Does the water become affected in appearance, taste or odour after heavy rains or under particular circumstances	:
18	Is chlorination done	:
19	Does of chlorine (powder or gascous) and how determined	:
20	Any other information not covered by the above which would be relevant or useful to the analyst	:

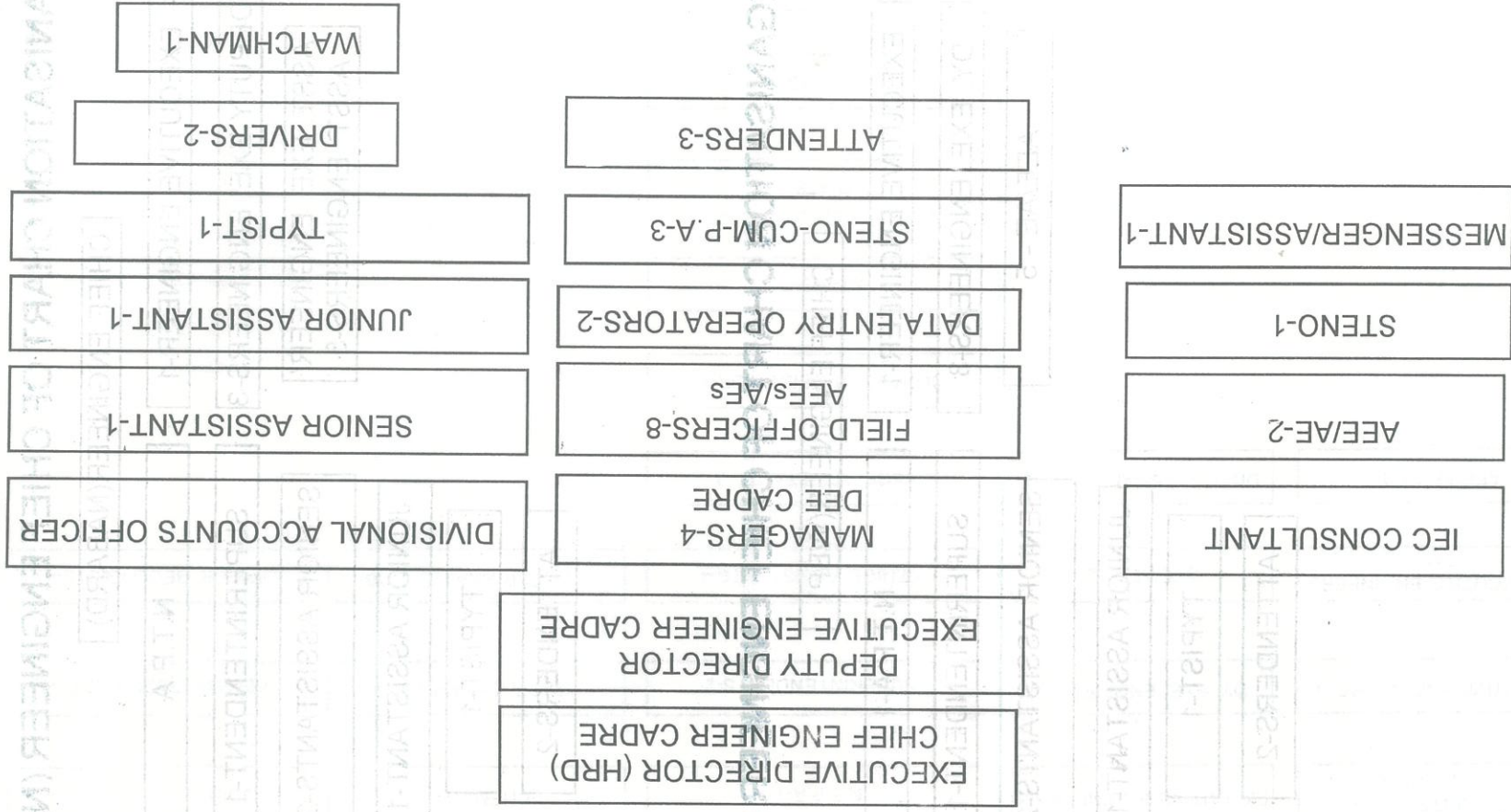
Station
Date

Signature
NAME (in Block Letters)

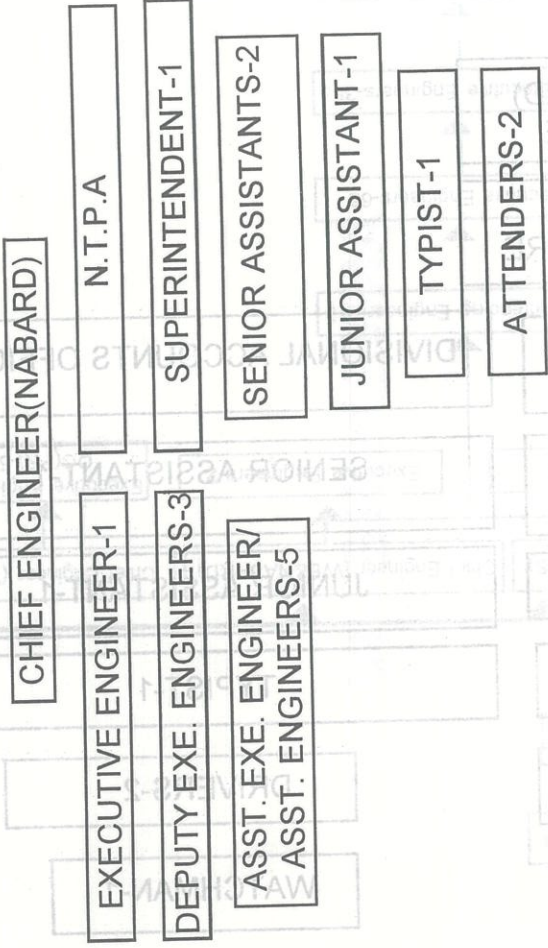
ORGANISATION CHART OF PR & RD ED



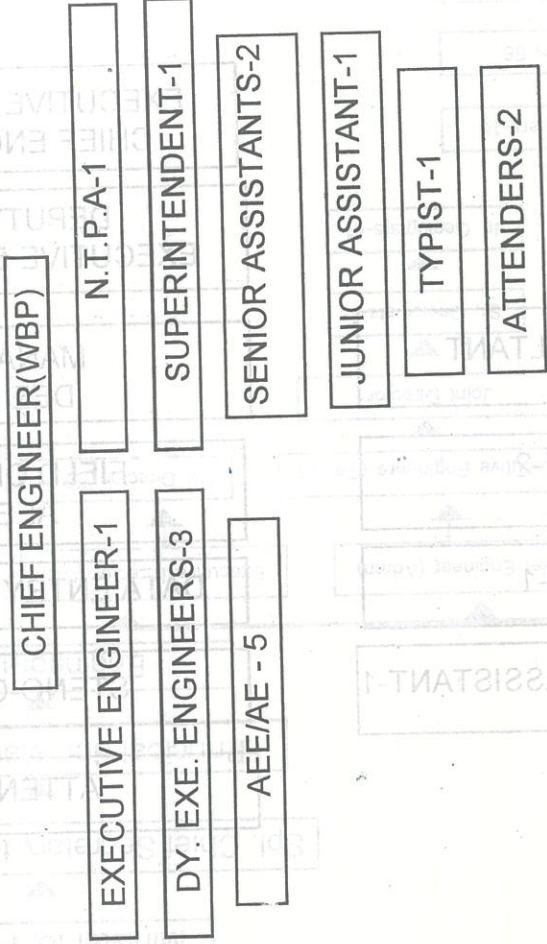
ORGANISATION CHART OF EXECUTIVE DIRECTOR (HRD)



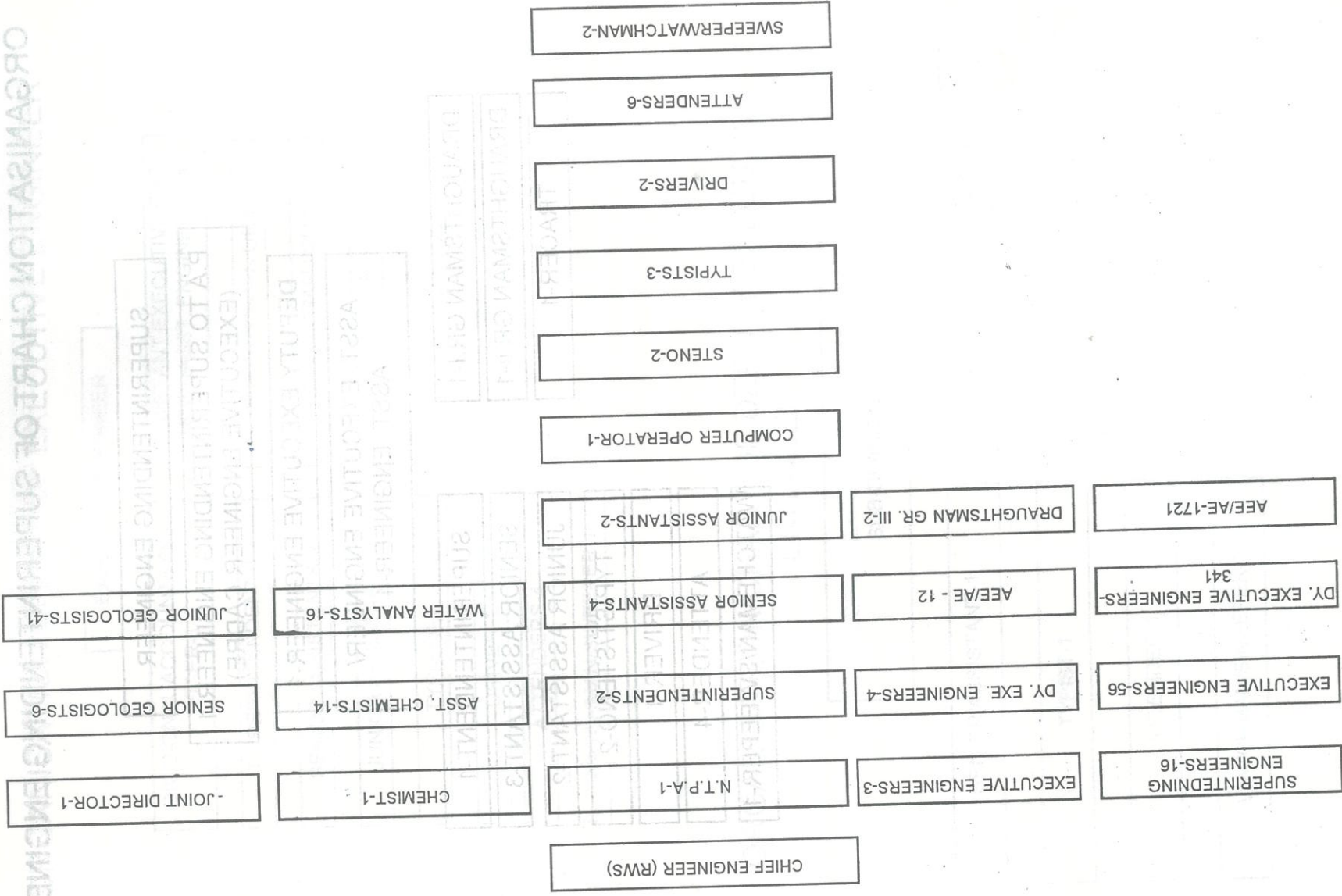
ORGANISATION CHART OF CHIEF ENGINEER (NABARD)



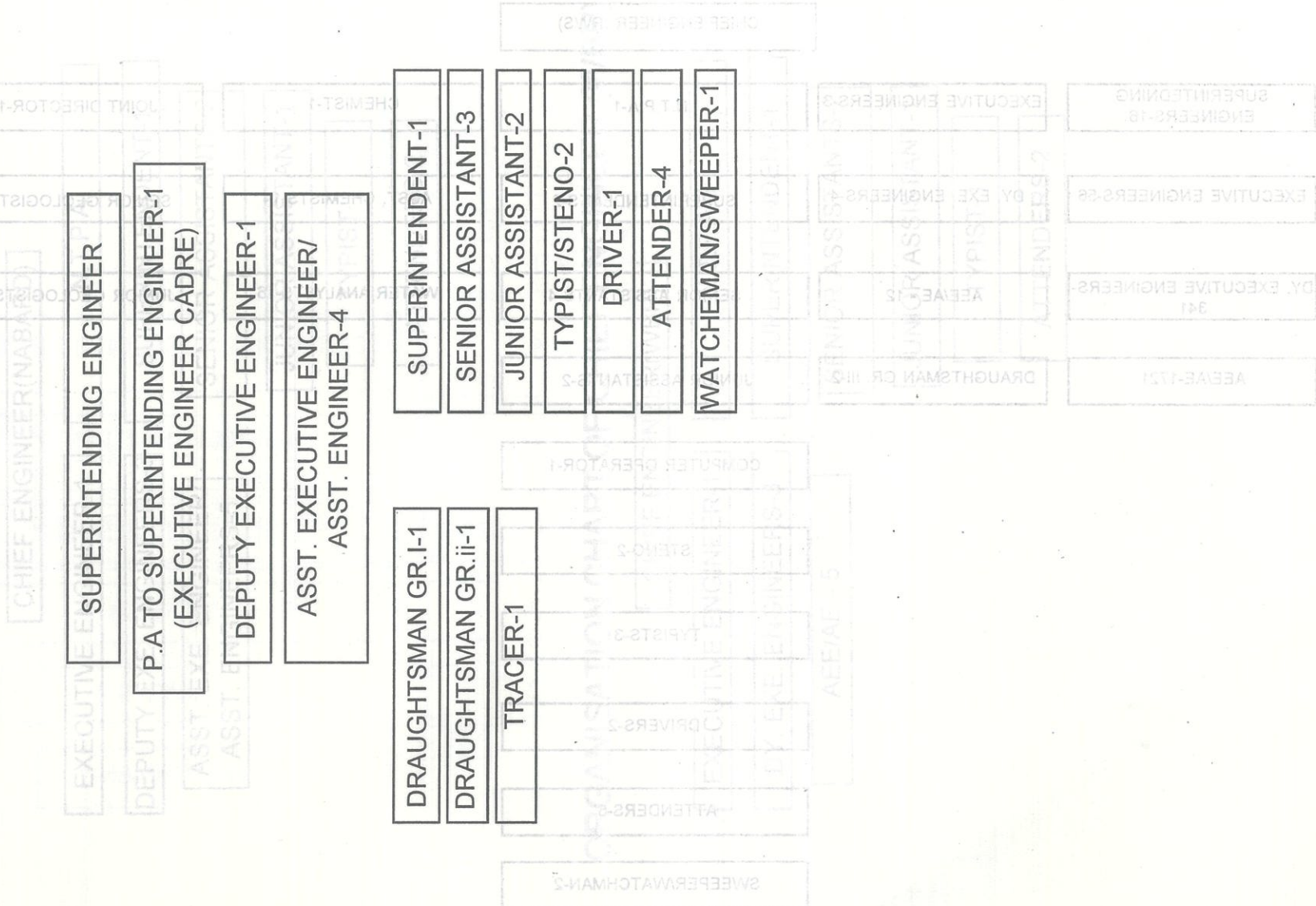
ORGANISATION CHART OF CHIEF ENGINEER (WBP)



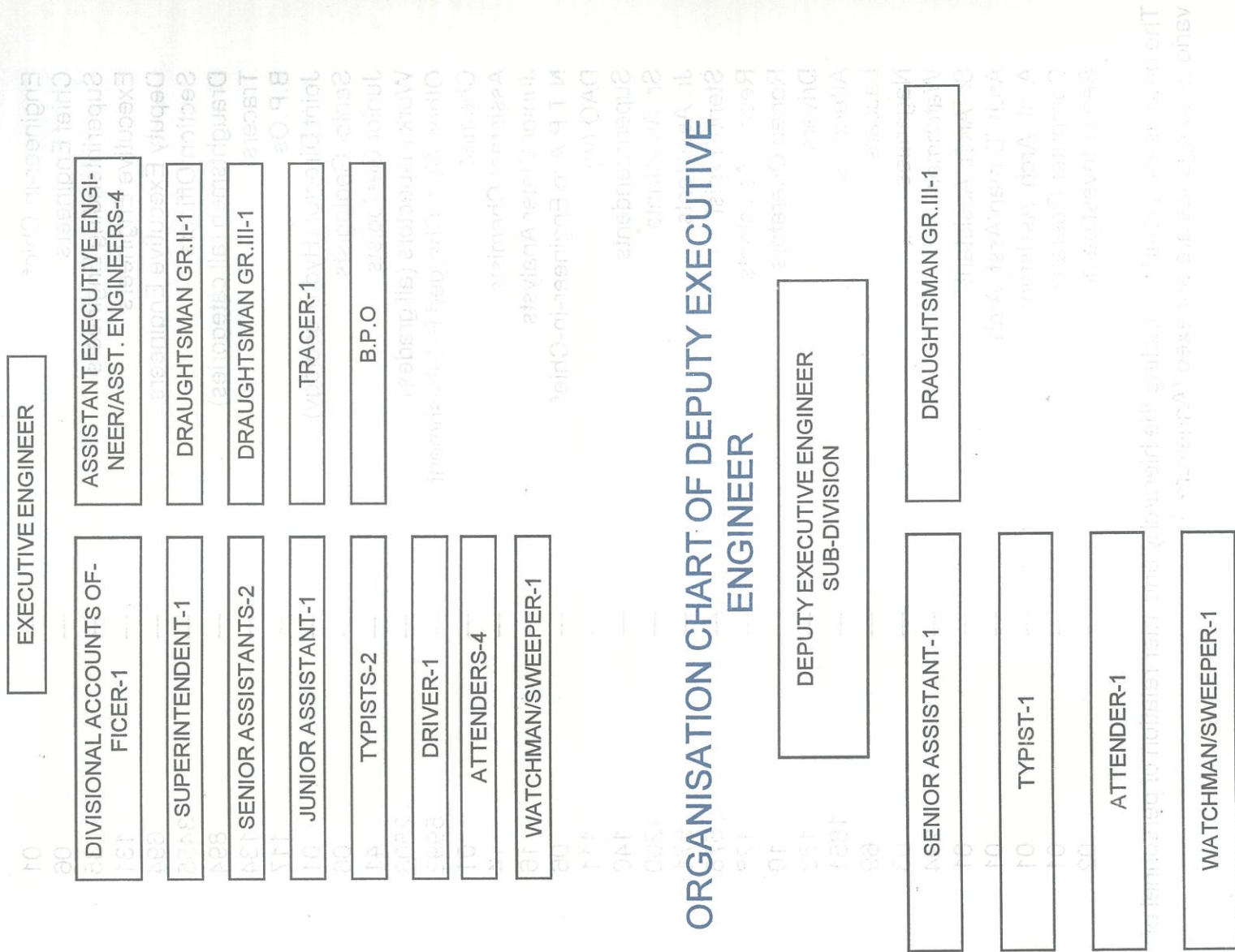
ORGANISATION CHART OF CHIEF ENGINEER (RWS)



ORGANISATION CHART OF SUPERINTENDING ENGINEER



ORGANISATION CHART OF EXECUTIVE ENGINEER



PRESENT STRENGTH OF ORGANISATION:

Engineer-in-Chief	EXECUTIVE ENGINEER	01
Chief Engineers	---	06
Superintending Engineers	---	35
Executive Engineers	---	131
Deputy Executive Engineers	---	694
Section Officers	---	3455
Draughtsmen (all categories)	---	894
Tracers	---	134
B.P.Os	---	117
Joint Director (Hydro-geology)	---	01
Senior Geologists	---	06
Junior Geologists	---	41
Work Inspectors (all grades)	---	2506
Other Work Charged Establishment	---	5992
Chemist	---	01
Assistant Chemists	---	14
Junior Water Analysts	---	16
N.T.P.A to Engineer-in-Chief	---	06
DAO (w)	---	111
Superintendents	---	140
Sr. Assistants	---	1200
Jr. Assistants	---	571
Steno/Typist	---	578
Record Assistants	---	128
Roneo Operators	---	10
Drivers	---	182
Attenders	---	1851
Lascars	---	69
Naganties	---	03
Watchmen	---	294
Sr. Arch. Assistant	---	01
Arch./D.man/Asst. Arch	---	01
Asst. Arch. Assistant	---	01
Computer Operator	---	01
Senior Investigators	---	02

The organisation charts depicting the hierarchy and inter relation of personnel of various categories are annexed (Annexure 4)

यदैव विद्यया करोति श्रद्धयोपनिषदा
तदैव वीर्यवत्तरं भवति

**Duty performed
with Knowledge, Faith and Devotion,
becomes really effective**

Dr. MCR Human Resource Development Institute of Andhra Pradesh

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