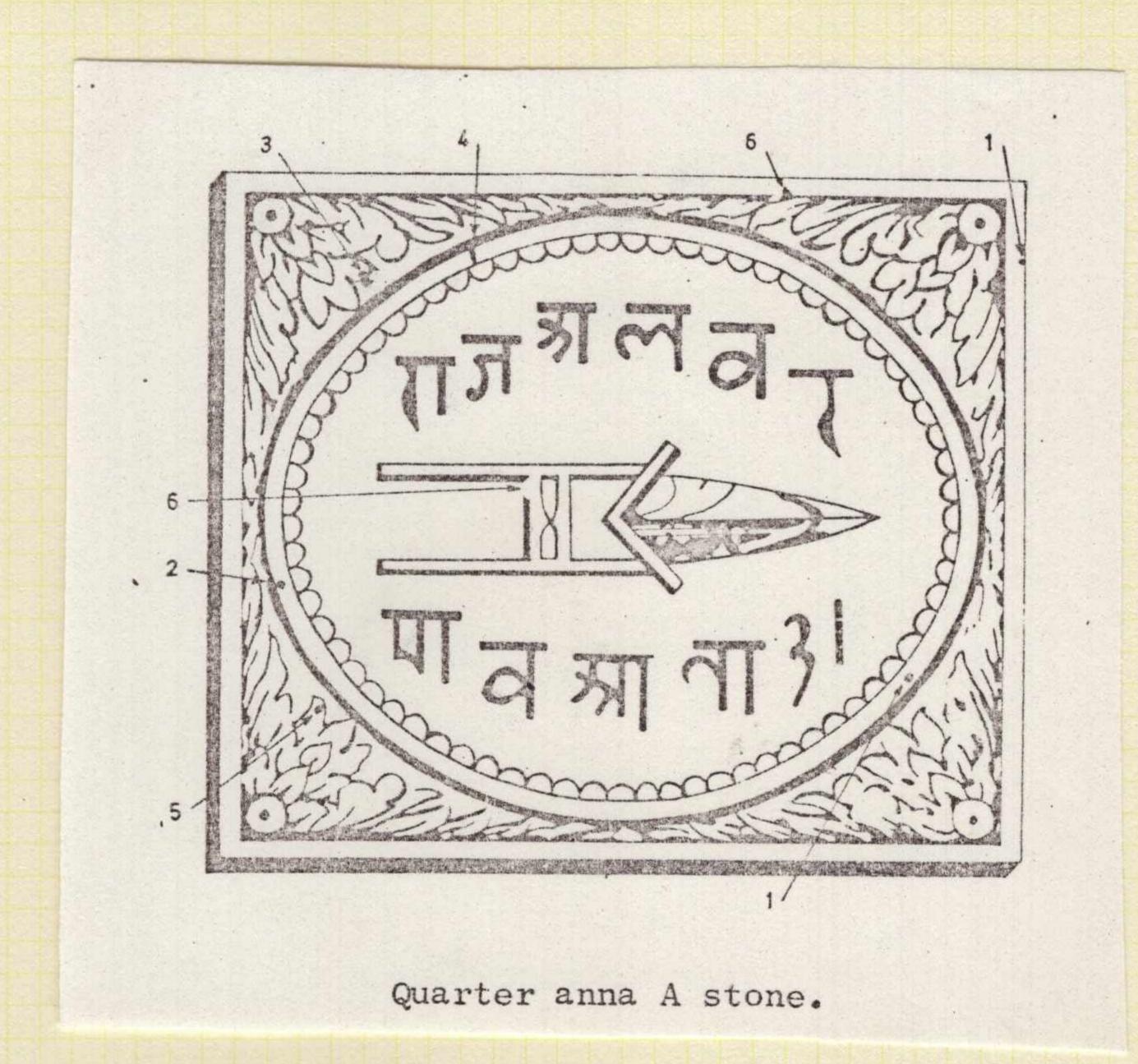
IN BOTH VALUES, THE PRINTING STONE, USUALLY 70 OR 150 STAMPS, WAS PREPARED USING AN INTERMEDIATE, MATRIX STONE OF 6 OR 8 IMPRESSIONS. EACH IMPRESSION WITHIN THE MATRIX STONE CAN BE IDENTIFIED BY SMALL FLAWS.

THE DIAGRAM SHOWS THE FLAWS PRESENT IN THE Z ANNA 'A' MATRIX.



## THE & ANNA STONES

'A' MATRIX (6 IMPRESSIONS) : AI - STEEL BLUE, HORIZ. MESH.

P2 & A3 - FIRST IDENTIFIED IN 1987, OTHER SHADES,

VERTICAL MESH. OTHER CHARACTERISTICS STILL

BEING INVESTIGATED.

B' MATRIX (6 IMPRESSIONS) : ONLY ONE STONE OF 150 KNOWN.
MEDIUM GREY-BLUE SHADES, HORIZONTAL MESH.

THE QUARTER ANNA BLUE WAS FIRST RECORDED IN LE TIMBRE-POSTE IN FEBRUARY 1877 AND THE ONE ANNA BROWN A FEW MONTHS LATER

THE EARLIEST PRINTINGS, IN STONE AI, ARE IN STEEL BLUE AND PALE YELLOWISH BROWN. BOTH ARE ON HORIZONTALLY MESHED PAPER UNLIKE THOSE OF THE AZ AND AZ STONES.



THE ABOVE COVER BEARS TWO EACH OF THE AI STONE VALUES (INVERTED) AND IS CANCELLED WITH THE EARLIEST SEAL OBLITERATOR.

IT IS TYPICAL OF THE INTERNAL MAIL OF THE PERIOD AND BEARS THE USUAL 21 ANNA REGISTERED POSTAL RATE.

# TYPICAL SHADES OF THE # ANNA VALUE :-

i) AI STONE : STEEL BLUE



4 8000







(ii) A2 STONE:

BRIGHT GREENISH BLUE







(iii) A2/A3 STONES : ULTRAMARINE AND MEDIUM GREYISH BLUE









(iv)

B STONE :

PALE GREYISH BLUE .





### ALWAR

## LATER SHADES OF THE 4 ANNA "A" STONE PRINTINGS.

THERE IS A GREAT RANGE OF THESE AND FADING CAN CAUSE CONFUSION.

UNLIKE THE STEEL BLUE PRINTING AND THE "B" STONE PRINTINGS, THEY ARE

INVARIABLY ON A VERTICAL MESHED WOVE PAPER. THREE MAJOR GROUPS OF

SHADES CAN BE SEPARATED:-

### (i) BRIGHT PALE GREENISH BWE





work

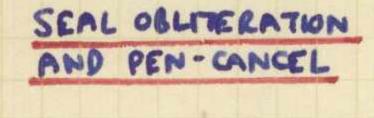


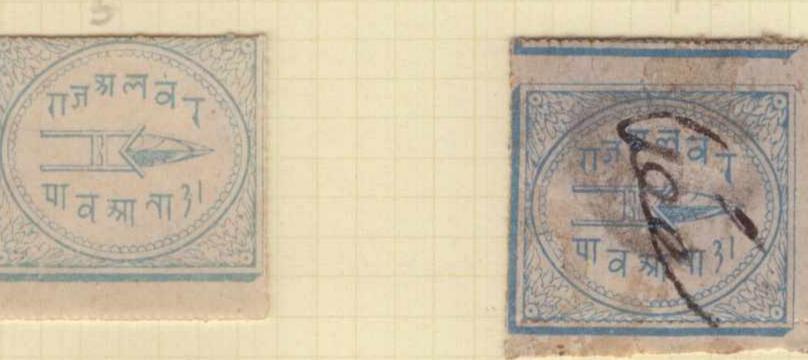
POSTT100)

YAS LITTE

मान अस्ति व

PALE , POSSIBLY FADED







IN COMMON WITH THE STEEL-BLUE SHADE, THE ABOVE GROUP IS NOT RECORDED ON WATERMARKED PAPER AND EXISTS WITH THE SMALL SEAL OBLITERATOR (ALSO OTHERS). THIS WAS NOT TRUE OF THE OTHER 'A' STONE SHADES SO IT WAS PROBABLY THE SECOND SHADE GROUP TO BE USED.

### (ii) ULTRAMARINE

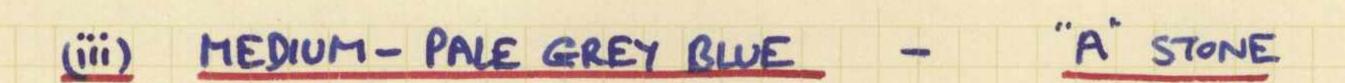






PORTION OF WATTERMARK

THESE ARE NOT COMMON IN THE TRUE FULL SHADE AND TEND TO MERGE INTO THE THIRD GROUP OF SHADES IN FADED COPIES.







ROUI NO 8 OF AZ

UNIDWITTERS





THE ABOVE SHADES CLOSELY RESEMBLE THOSE OF THE B STONE PRINTINGS AND WERE PROBABLY THE LAST SHADE TO BE USED.

# MATRIX EDGE FLAWS OF THE "A" STONE

THESE ARE LATENT MARKS ON THE PRINTING STONE WHICH APPEAR DURING OVER-INKING. THEY ARE CAUSED BY THE EDGES AND CORNERS OF THE MATRIX STONE WHEN IT WAS TRANSFERRED TO THE PRINTING STONE. THEY ARE OF IMPORTANCE SINCE THEY HAVE ENABLED THE TRUE ORDER OF THE TRANSFERS TO BE ESTABUSHED.







LIATERMARKS

TWO TYPES HAVE BEEN RECORDED FOR THE "A" STONE STAMPS, BOTH SHEET LIMILS.

NOU SUPPL

Chi Bran of 10









'n' OF COWAN' -



in " UP " SUINTING

'Co' of 'Covson'

# ALWAR ZANNA, STONE B

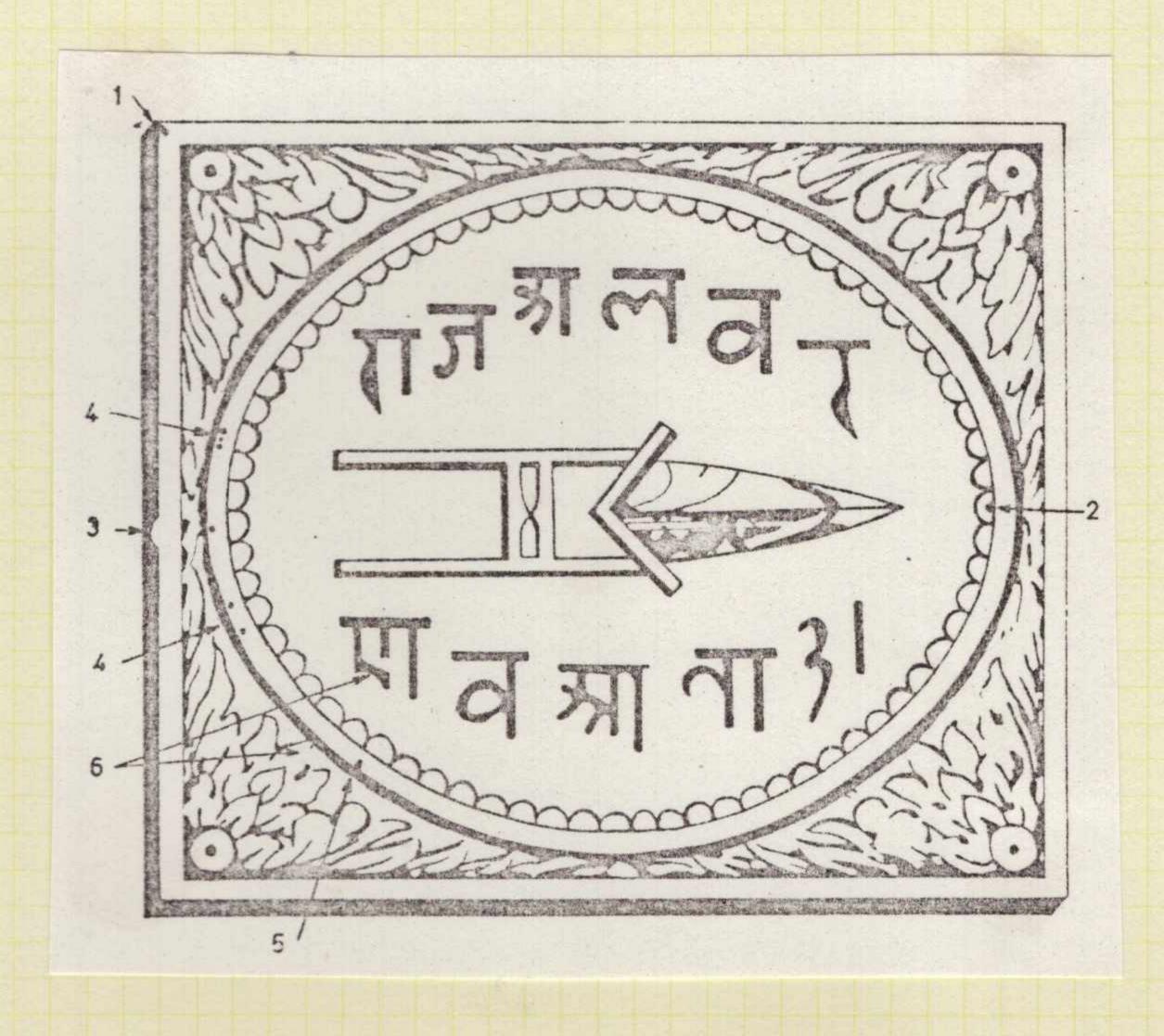
THE SECOND MATRIX STONE WAS PREPARED FROM THE ORIGINAL MASTER DIE.

THIS ALSO COMPRISED SIX SUBJECTS AND WAS APPLIED 25 TIMES IN A REGULAR

MANNER TO FORM THE PRINTING STONE OF 10 ROWS OF 15.

THE SHADES ARE INVARIABLY A PALE GREYISH BLUE AND THE PAPER ALWAYS.
HAS A HORIZONTAL WOVE MESH.

THE 'B' STONE TRANSFERS







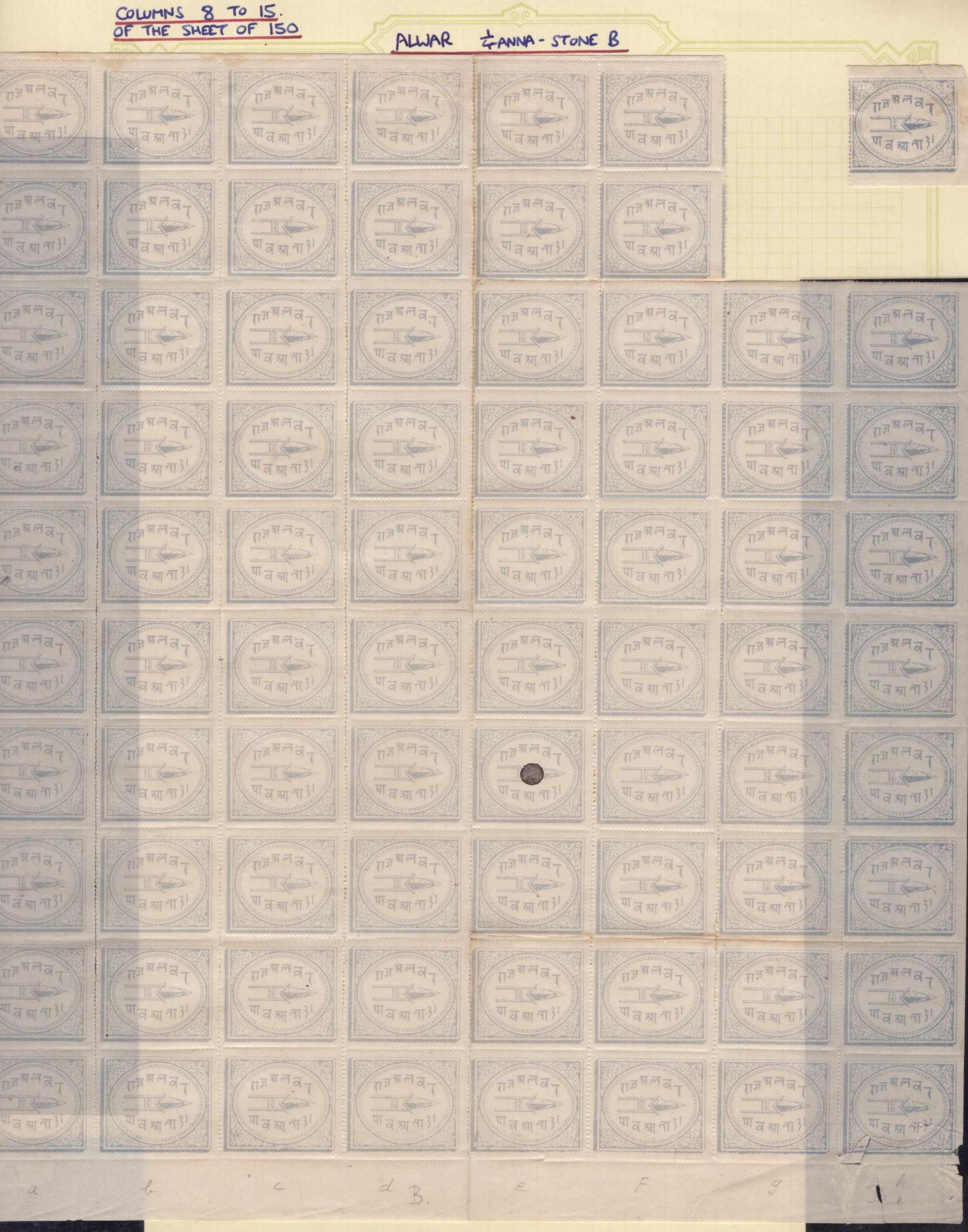
CONSTANT TERTIARY FLAWS



ROUL No.12



ROU 4, No10



THE SAME & ANNA MASTER DIE WAS USED TO PREPARE THE ONE ANNA STONES.

THE DIE WAS TRANSFERRED 6 OR 8 TIMES TO FORM THE MATRIX STONES OF WHICH THREE ARE KNOWN. THEN THE CHARACTERS "TIT A" (QUARTER) WERE ERASED AND " ETA" (ONE) WAS ADDED BY MEANS OF A TINY SUB-DIE.

THE FIRST 6-UNIT MATRIX "A" WAS USED TO PREPARE AT LEAST TWO PRINTING STONES - AI (POSSIBLY OF 70 UNITS) AND A2 (OF 150)

# THE EARLY PALE REDDIEN- BROWN SHADE PRINTINGS

THIS WAS POSSIBLY THE ONLY SHADE IN WHICH THE AI STONE WAS PRINTED.

THE PAPER IS INVARIABLY A HORIZONTALLY MESHED WOVE UNLIKE THE AZ STONE PRINTINGS WHICH ARE VERTICALLY MESHED. THE SIX TRANSFER SUBJECTS CAN BE IDENTIFIED BY REFERENCE TO TWY FLAWS.

USED GPIES ARE USUALLY CANCELLED WITH THE BARLY SMALL SEAL OBLITERATOR.









river cou



PUB 1000 M 800

Pri - sun ore one

PALLINGS OCCUP IN







19th CHAMBER

Mag

# ALWAR

THE ONE ANNA VALUE WAS PRINTED FROM FOUR STONES: AI, AZ, B & C.

THIS BLOCK IS FROM STONE AZ, ROWS 1 TO 3, COLUMNS 8 TO 11



AN INTERESTING VARIETY OCCURS IN ROW 2, No.1 OF THE A2 STONE DUE TO A FLAW, THE TOP LINE READS 'SAJ ALWAR' INSTEAD OF 'RAJ ALWAR'







THE AZ STONE WAS MADE FROM THE SAME MATRIX STONE OF 6 IMPRESSIONS AS THE AI STONE. HOWEVER, IT COMPASED 150 STAMPS, FORMED BY 25 APPLICATIONS OF THE MATRIX STONE. THE PRINTINGS ARE GENERALLY ON VERTICALLY MESHED WOVE PAPER IN VARIOUS SHADES OF RED-DROWN, BROWN AND CHOCOURTE-BROWN.

THE BLOCK BELOW COPYRISES ROLLS 1 TO 3, COLUMNS 8-18 AND SHOWS SUBJECTS 2 3 1 2 5 6 4 5

TRANSFER 5 FLAW

THE ABOVE BLOCK SHOWS TWO CONSTANT DISCONTINUITIES IN THE ROULETTE (ARROWED) WHICH HELP IN ESTABLISHING ITS POSITION IN THE SHEET.

STONE A2 DIFFERS FROM AI ALSO IN THAT CUCHES I AND 5 OF THE MATRIX STONE HAD DEVELOPED SOME CONSTANT FLANS. THOSE IN CLICKE 5 WERE PARTIALLY RETOUCHED, CREATING TWO DISTINCT STATES OF THE STONE. THE BLOCK ABOVE IS PROBABLY FROM STATE 2 SHOWNETHE LINES JOINING FI IN ROW 2, No. 8

CLICHÉ I

TITATAT

TI



TO SCALLOPS



CLICHÉ 5 --



PARTIAL RETOUCH

FULLY RETOUCHED

LOS RED-BROWN SHADES









(b)

PALE BROWN







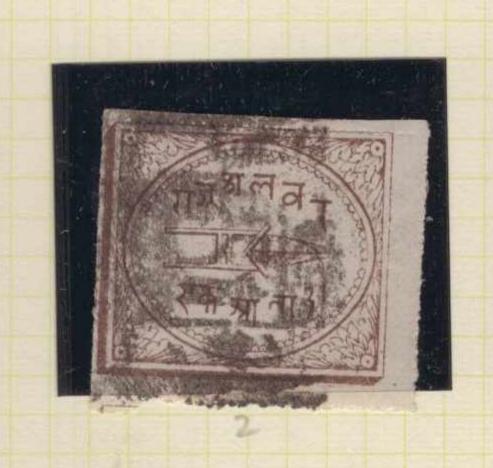


(C) CHOCOLATE - BROWN SHADES











SHEET WATERMARK -

A.C. & S. SUPERFINE



















CONSTANT COULTY, FLAW ROW 2, No. 1

MAJOR TERMARY FLAW - THE "SAJ" VARIETY A HORIZONTAL BAR CONVERTS TT (RA) INTO FI (SA)



OTHER MINOR FLAWS

ROW 6, No. 9

ROW 7, No. 8



DIRTY STONE



MATRIX EDGE FLAWS

AS A RESULT OF OVER-INKING OR INADEQUATELY CLEANING THE STONE, THE EDGE OR CORNER OF THE MATRIX STONE SOMETIMES BECAME VISIBLE



ROW 3, No. 12

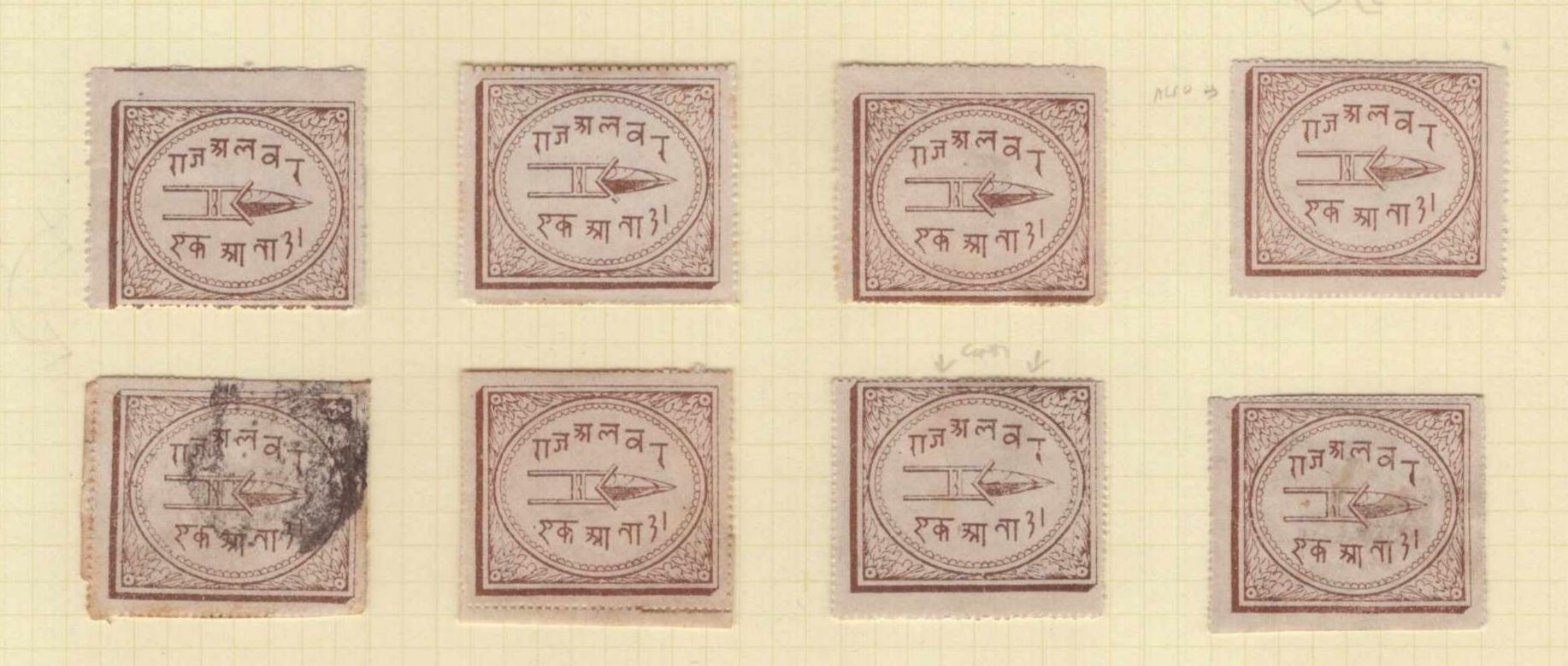


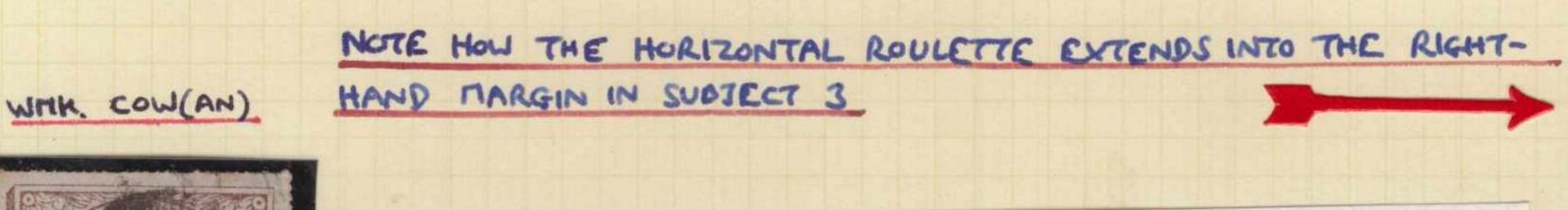


ANOTHER MATRIX STONE WAS PREPARED FOR THE ONE ANNA VALUE, THU TIME WITH & SUBJECTS. THIS WAS AGAIN MADE FROM THE ORIGINAL MASTER DIE AND THE WORD 'PAO' WAS AGAIN ERASED AND REPLACED BY 'EK' FROM A TIMY SUB-DIE. THE PRINTING STONE CONSISTED OF 10 ROWS OF 7 USING S COMPLETE APPLICATIONS OF THE MATRIX AT THE LEFT AND S APPLICATIONS OF 6 OF ITS CLICHES AT THE RIGHT.

PRINTINGS FROM THIS STONE ARE INVARIABLY IN SHADES OF CHOCOLATE ON VERTICALLY MESHED WOVE PAPER.

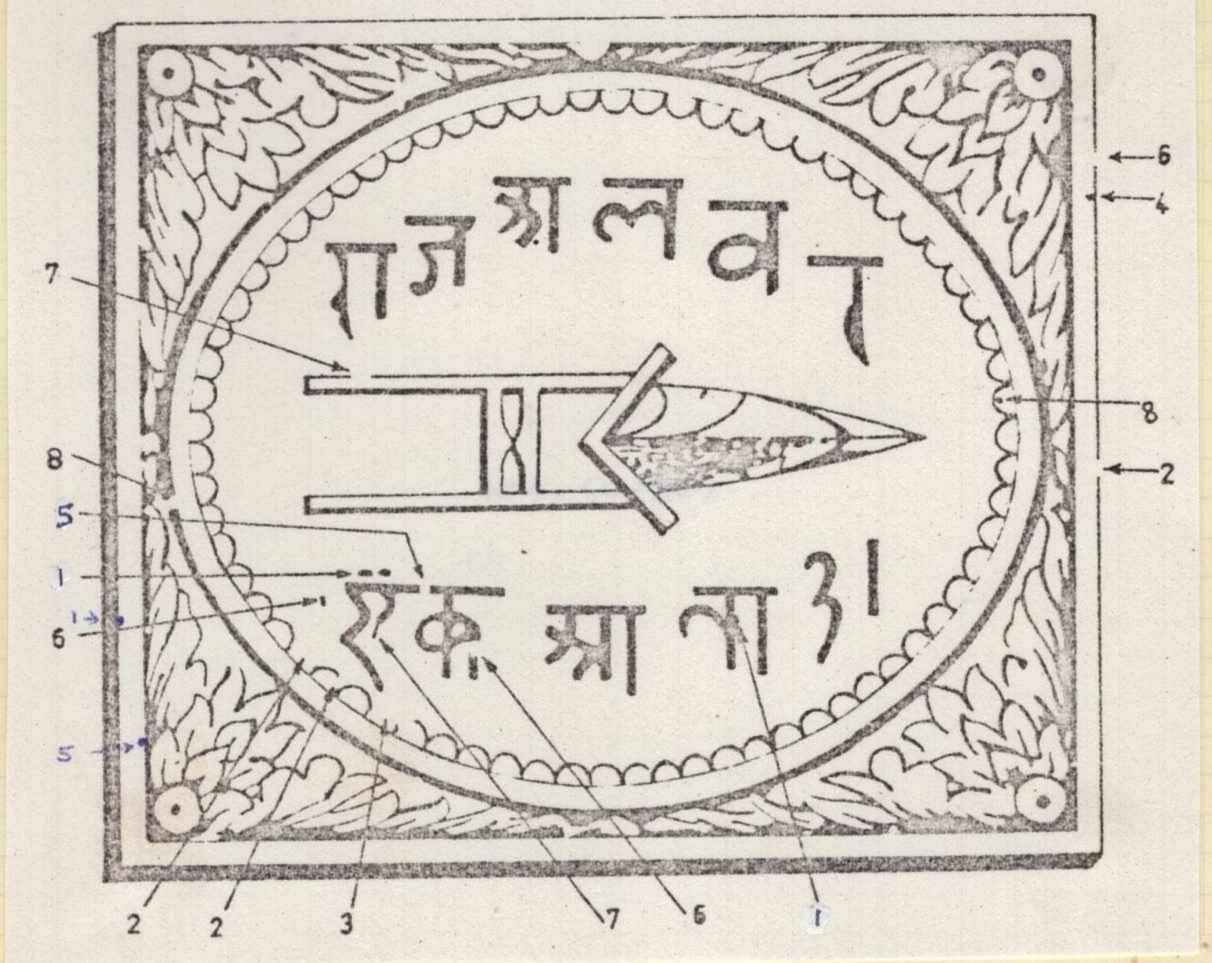
#### THE TRANSFER SUBJECTS













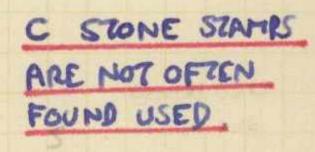
THE THIRD MATRIX OF THE ONE ANNA VALUE AGAIN CONSISTED OF SIX UNITS AND WAS MADE FROM THE ORIGINAL MASTER DIE LITH THE WORD 'PAO' REPLACED BY 'EK' AS IN THE 'A' AND 'B' MATRICES. THE PRINTING STONE WAS MADE BY 25 APPLICATIONS OF THE MATRIX IN A REGULAR MANNER TO GIVE 10 ROWS OF IS STAMPS.

PRINTINGS FROM THIS STONE ARE INVARIABLY IN A PALE REDDISH-BROWN SHAPE ON HORIZONTALLY MESHED WOVE PAPER.

### THE TRANSFER SUBJECTS

ROUS 5 66, COLUMNS 1,2 23









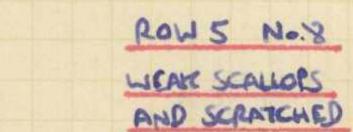


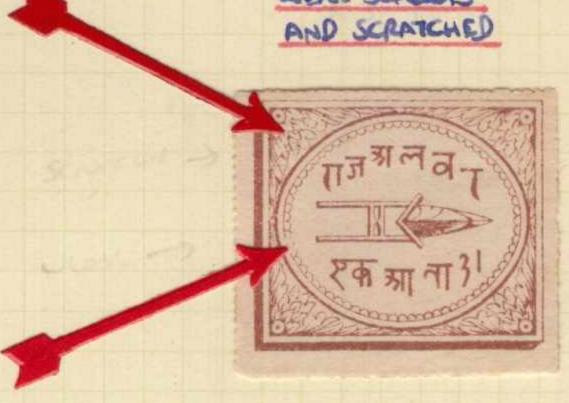
MAJOR TERTIARY FLAW
"LINE THROUGH 'ALW'"

ROW 3, No. 2







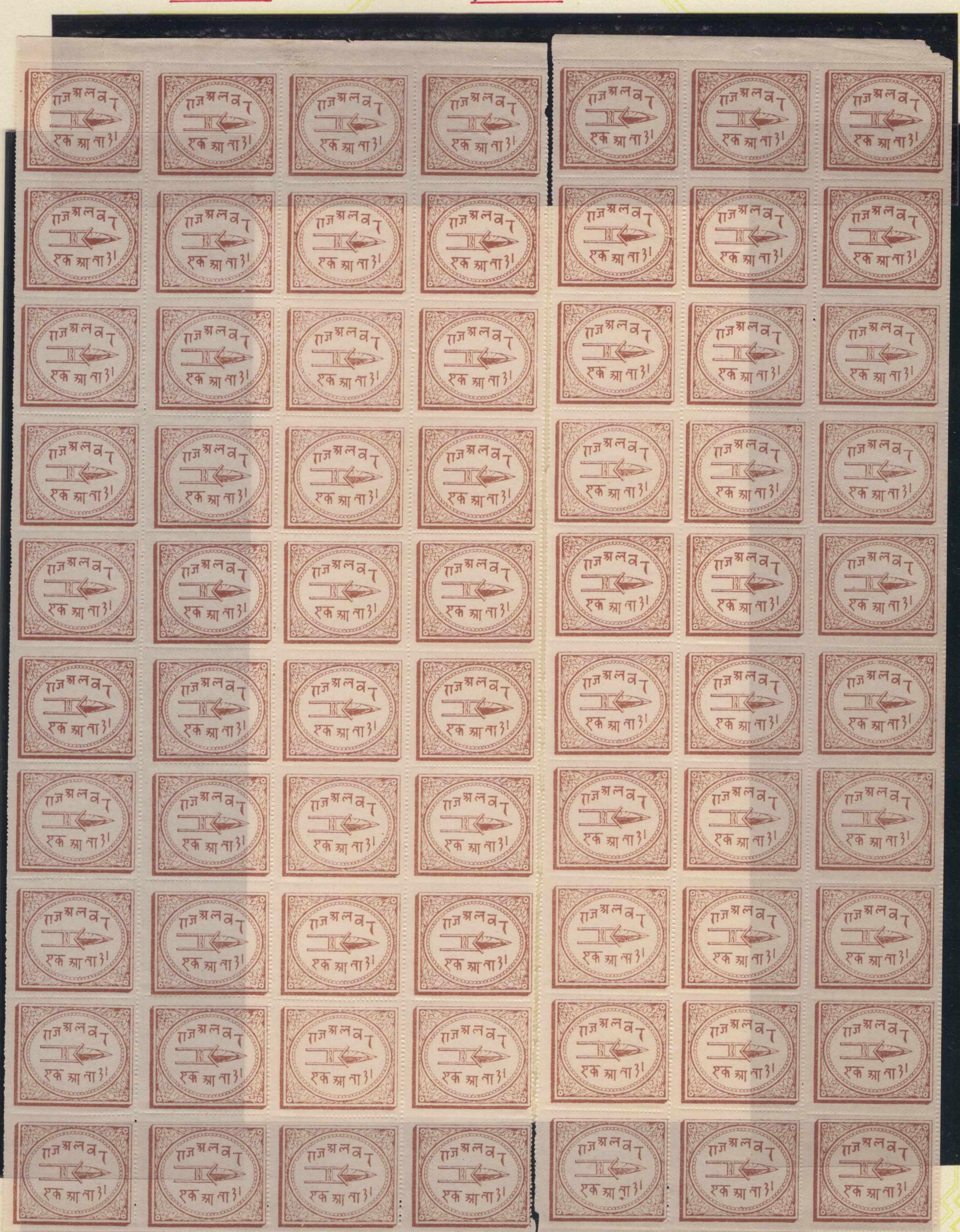


UNUSUAL C-STONE SHADE



ONE ANNA STONE C COMMUS ONE TO EIGHT





# THE REDRAUN + ANNA

1899 (JUNE) A NEW MASTER DIE WAS PREPARED DIFFERING IN MINOR DETAILS FROM THE ORIGINAL EXCEPT THAT THE LEFT HAND FRAME LINE WAS NOW THIN INSTEAD OF THICK. THE PRINTING STONE ( ) OF 10 POUS BY 6 WAS CONSTRUCTED BY TRANSFERS DIRECT FROM THE MASTER DIE. THE STAMPS WERE AN-PERFORATED AND THERE IS A SHEET WATERMARK "W.T. & Co." IN SCRIPT LETTERS IN A ZIG-ZAG FRAME. THE PAPER INVARIABLY HAS A VERTICAL MESH.











ELAGORATE WATERMARK



# ALWAR

IN JUNE, 1899 THE FIRST OF FOUR NEW STONES APPEARED FROM REDRAWN MASTER DIES. THESE STAMP WERE PERFORATED.

1899 (JUNE) SLATE BLUE STONE C (10×6)







1899?

WIDE MARGIN EMERALD GREEN STONE D

THIS WAS NOT RECORDED UNTIL 1904 AND FEW COPIES ARE KNOWN. THE STONE SIZE IS UNKNOWN.



1901 (JAN?)

STONE E (11×7)

EMERALD GREEN, NARROW MARGINS 1901 (007?)

STONE F (5×7)

PALE GREEN, NARROU MARGINS









1901 (JAN) ?

EMERALD GREEN PRINTINGS FROM THE NARROW SETTING STONE E: 11 ROWS OF 7 STAMPS.















2005 5 26

1901 (007.?)

PALE GREEN PRINTINGS FROM THE FAIRLY NARROW SETTING STONE F: 5 ROWS OF 7 STAMPS.

& PN



ENTLY USE

KINNS HAS

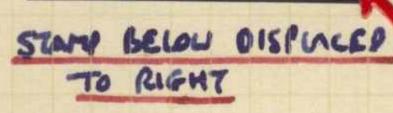
S AU 1901

DEFINITION

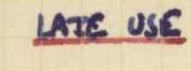
















PIN-PERF. IN BOTTOM ROW OF SHEET

# ALWAR

SEAL OBLITERATORS WERE IN USE UNTIL ABOUT 1890 :-

TYPE AT : THE EARLIEST TYPE INSCRIBED "DAK RAJ A/ LWAR"





TYPE A2 : A LARGE TYPE INSCRIBED "DAK RAJ / ALWAR"







TYPE A3 : A MCDIUM TYPE

IN THIS THE INSCRIPTION READS CONTINUOUSLY PROUND THE CIRCUMFERENCE



USUALLY BLURRED AND DIFFICULT TO SEPARATE.

TYPE A4: ANOTHER MEDIUM TYPE.

THIS IS BILINGUAL WITH DEVANAGARI CHARACTERS AT TOP AND BOTTOM AND URDU IN THE CENTRE





AI:

THIS SMALL SEAL OCCURS ONLY ON THE EARLIEST PRINTINGS OF THE 4A AND IA ROULETTE STAMPS. IT BEARS TWO HORIZUNTAL LINES OF DEVANAGARI SCRIPT: - DAK RAJ A / LWAR

P/5

A/6

A1/5

312



RARE ON THIS SHADE



RANE ON THIS STONE

A2: THIS IS SIMILAR TO AI BUT LARGER. IT APPEARED AT A LATER DATE AND THE 'A' IS IN THE SECOND LINE WITH THE REST OF 'ALWAR' IT MEASURES ABOUT 20x 24mm AND IS GENERALLY VERY BLURRED

F 'A' STONE -

- B' STONE -



6

7

A3: IN THIS TYPE, MEASURING ABOUT 172 x 212 mm. THE INSCRIPTION READS CONTINUOUSLY ROUND THE CIRCUMFERENCE. THERE IS AN UNIDENTIFIED CHARACTER OR INSCRIPTION IN THE CENTRE. IT IS GENERALLY VERY BURRED.

A/4



ASTONE



2

A4: THIS IS ABOUT 18 × 23 mm. AND IS BILINGUAL WITH URDU IN THE BOTTOM
SECTION AND DEVANAGARI AROUND THE TOP. AND BOTTOM

- 'A' STONE



M/4

NIS.

A15



B/2



8/8

TYPE BI IS A FARLY SCARCE TYPE. IT MEASURES 231 × 241 mm. AND HAS A DAGGER IN THE CENTRAL SPACE. IT READS 'RAJ DAK' AT THE RIGHT AND 'ALUAR' AT THE LEFT. THE DAY AND MONTH ARE AT THE TOP AND THE YEAR AT THE BOTTOM. THE YEAR IS ALWAYS 1890 SINCE THIS WAS IN USE FOR ONLY A SHORT TIME.

Bla: BLACK IMPRESSIONS

- A' STONE T

- B' STONE -









P/I

A14 B/6

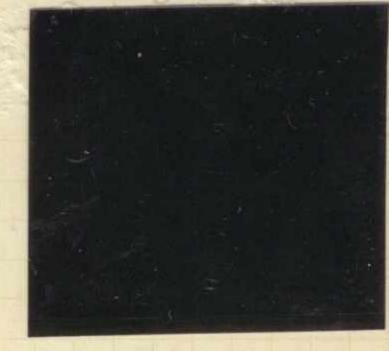
BI3 JULY

BIL

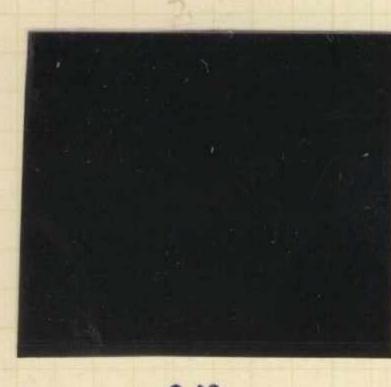
#### VIOLET IMPRESSIONS

'A' STONE

B' STONE







A/6

812

IN 1890 THE SEALS WERE REPLACED BY SQUARE DATE STAMP INSCRIBED 'ALWAR' AT THE LEFT AND 'RAJ DAK' AT THE RIGHT.
THIS IS TYPE BI AND EXISTS IN BLACK OR VIOLET.

A STENE







AFTER A FEW MONTHS THIS WAS REPLACED BY TYPE B2 WHICH WAS INSCRIBED "BEARING & ANNA" IN THE CENTRE AND SERVED THE DUAL PURPOSE OF A POSTMARK AND A BEARING MARK.







FROM 1898 VARIOUS CIRCULAR POSTMANKS APPEARED BEARING THE NAMES OF EIGHTEEN DIFFERENT POST OFFICES, CI TO CS



LACHMANGARH



BAHADURPUR



THANAGHAZI

BEHRAR

IN 1901 (:) THREE OFFICES INTRODUCED A NEW CIRCULAR TYPE (C6)



DUSOD



BAROD



HARSORA



THIS MEASURES 19EX 21E AM AND WAS ORIGINALLY APPLIED IN VIOLET BUT SOON CHANGED TO BLACK. IT WAS USED ALSO AS A BEARING MARK AND THE DEVANAGARI INSCRIPTION 'BEARING' APPEARS AT THE TOP OF THE INNER SPACE, THE BEARING VALUE I ANNA (SII) APPEARS IN MERCHANTS NOTATION IN THE CENTRE AND THE DAGGER AT THE BOTTOM OF THE INNER SPACE. IN OTHER RESPECTS IT RESEMBLES BI. THE YEAR IS INVERTED IN THE MIDDLE PERLOD.

FROM THE DATES IT APPEARS THAT THE + ANNA 'A' STONE STAMPS WERE IN USE FOR SOME TIME APTER THE APPEARANCE OF THE 'B' STONE

EARLY STRIKES IN BLACK WITH TOP OF 9' LEVEL WITH TOP OF 8' (B' STONE)

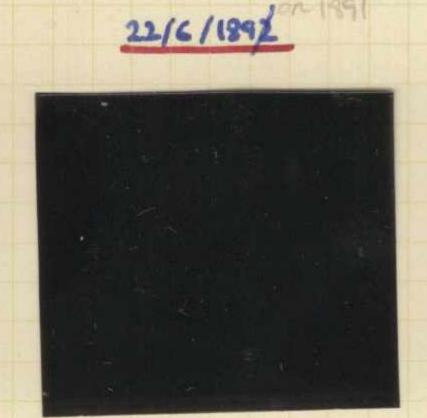
A STONE - 1890



1991



14/2/1892



? /1891

BH3

MIDDLE PERIOD WITH A NEW FONT "9" LOWER THAN THE "8". YEAR INVERTED.

'A' STONE

?/1893

6/1/1894



A13





'AZ' STONE



YEAR UPRIGHT



6/3/1893 UPRIGHT



1895





PYAIL



2/11/96

#### B2 POSTMARK CONT.

## THIS MARK WAS COMMONLY APPLIED TO THE #A 'B' STONE :-

15/11/1895

ROW 788, No.14

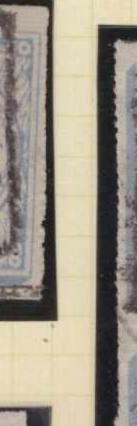
1894



915/1894



1/6/1896



15/11/1495



3/2/1896



19/11/1896



22/12/1896





#### LATE IMPRESSIONS WITH THE YEAR UPRIGHT

"A STONE 12/3/1897



'B' STONE 20/8/1897



'AZ' STONE 10/2/1897



THE C'STONE





AZ STONE

1897



THIS EXCEPTIONAL STAMP IN THE SHAPE OF THE AZ STONE IS ON HORIZONTALLY MESHED PAPER. IT APPEARS TO BE A LATE USE WITH AN UPRIGHT DATE, POSSIBLY 1897. THE TRANSFER CHARACTERISTICS ARE NOT CLEAR BUT IT COULD BE TRANSFER 6



TYPE CI: FOR ALWAR HEAD OFFICE

EARLIEST CIRCUIAL MARK

SE. 9. 98









1900 - 1901

LAST 2 FIGURES



TYPE C2:

SIMILAR TO CI BUT WITH 'ULWAR STATE' AROUND THE BOTTOM SEGMENT. THIS TYPE WAS USED BY NINE VILLAGE OFFICES.

BAHADURPUR



GOBINDGARH





MALAKERA

MANDAWAR



PHE

MANDHAN



MARAINPUR





N215

P214

TIJARA

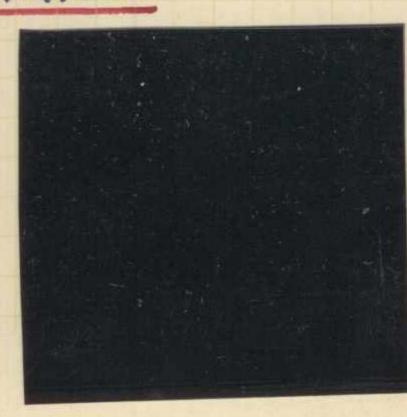














TYPE C3: THE DATE-DAGGER IS SHORTER THAN IN C2. ITS POINT HAS A HORIZONTAL LINE IN IT AND ITS RIGHT END SPLAYS OPEN. IT WAS USED BY 5 OFFICES.

#### BANSORE

#### KISHENGARH













PERTHUMAR (ONLY 24mm)













YEAR ONITTED

LACHMANGARH

A/2.



PARTAPGARH

THIN LOUER FRAME

SELON S AU 1901

TYPE C4: IN THIS TYPE, THE DATE-DAGGER IS FILLED WITH VERTICAL SHADING AT THE POINT AND THE LEFT END IS CLOSED. ONLY TWO OFFICES USED THIS.

BEHRAR









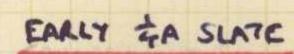
NJ.

A/2



TYPE CS: USED BY ONLY ONE OFFICE, THE DATE-DAGGER POINTS RIGHT.

RAJGARH





ALIG



A215

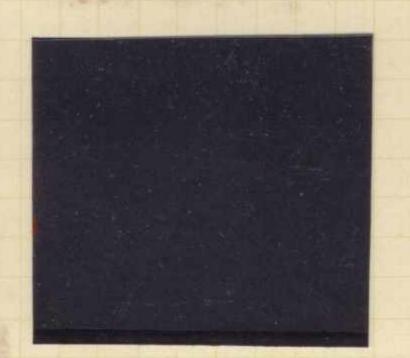


TYPE CE: A NOW DESIGN ISSUED AT A LATE PERIOD.

DUSOD

BAROD

HARSORA







HINDI CIRCULAR TYPE ...





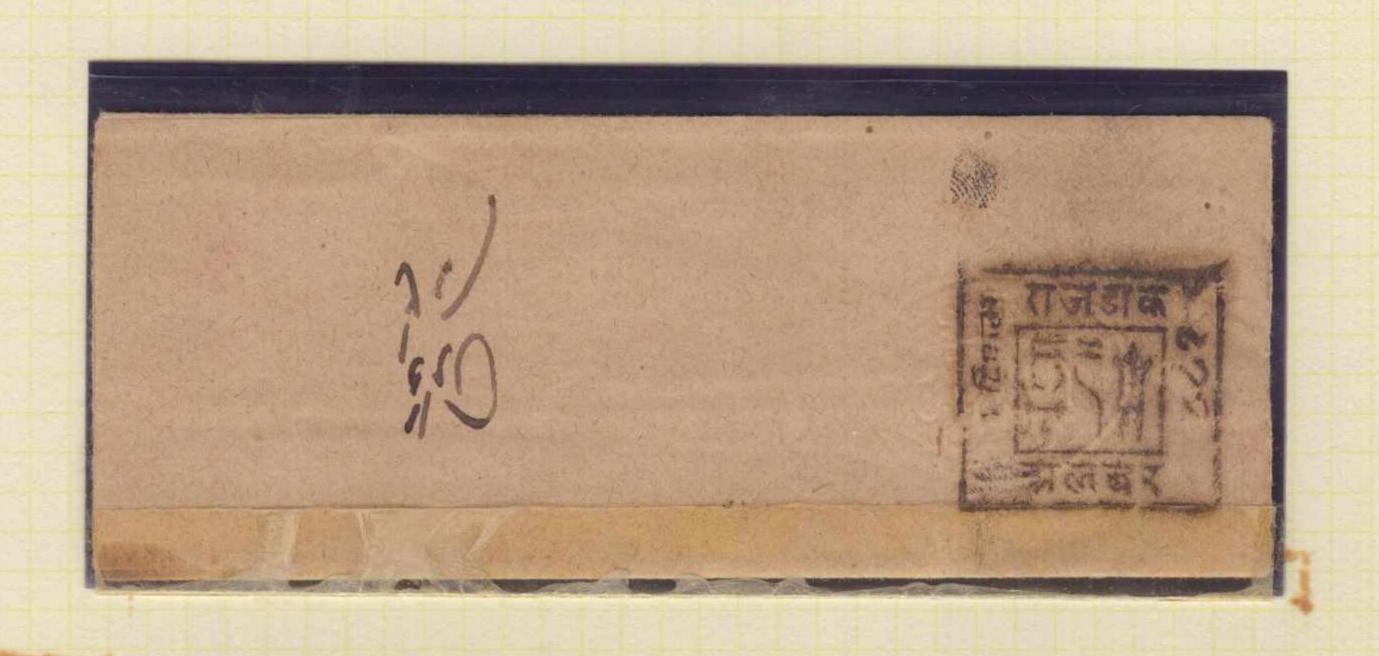


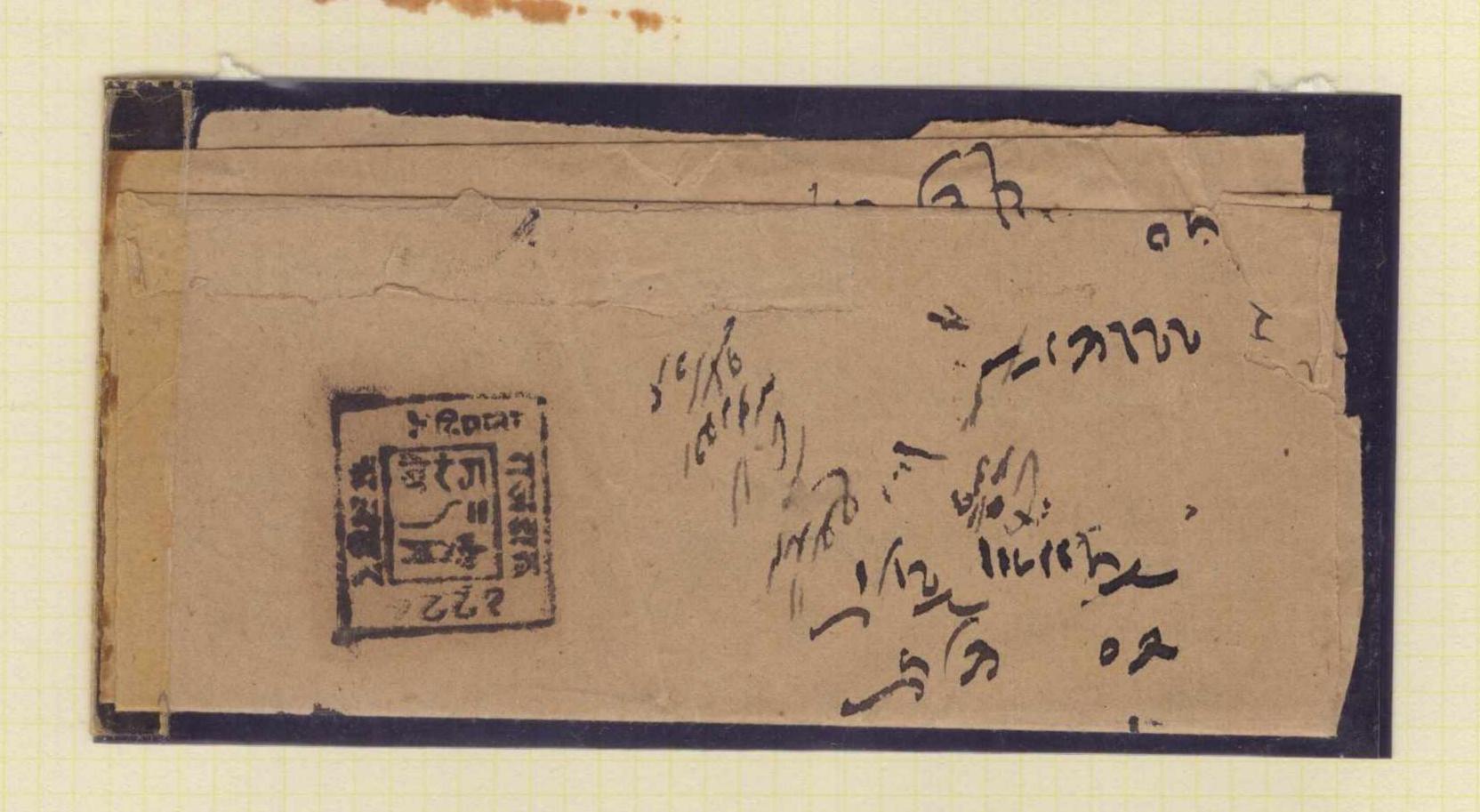
A1/6

THESE TWO COVERS ILLUSTRATE THE USE OF THE TYPE B2 POSTMARK AS A 'BEARING' MARK.

THEY ARE BOTH DATED DECEMBER, 1892 WITH THE YEAR UPRIGHT WHICH IS TYPICAL OF THE EARLY PERIOD.

FROM 1893 TO 1896 THE YEAR WAS USUALLY INVERTED.





ON 1st July, 1902, THE ALWAR POETAL SERVICE WAS TAKEN OVER COMPLETELY BY THE BRITISH INDIAN AUTHORITIES, AND IN 1949, AFTER INDIAN INDEPENDENCE, ALWAR WAS MERGED INTO RAJASTHAN.

GENUINE ISSUE

TYPE FI





IMPERF. WIDE BLADE

TYPE F2

TYPE F3

TYPE F4







PERF. 9 LETTERING AND LEAVES URONGLY DRAWN

CRUDELY DRAWN LITH NO THICH LEFT FRAME

"ROULETTE" IS PRINTED.

THE FS

TYPE FE

TYPE F7





LETTERS LEVEL

POINT OF DAGGER
TOUCHES OVAL

TYPE F8

"ROULETTE" IS PRINTED

COLOUR LIRONG

LARGE SCALLOPS.



COLOUR! LETTERING POOR