```
0A46  FF
  47  32  BZ        ;If = FF, branch to 0A5D
  48  5D
  49  4D  LDA   RD  ;D=M(R(D))  (get the definite pair value)
  4A  52  STR   R2  ;Push for comparing
  4B  0A  LDN   RA  ;D=M(R(A))  (get a card)
  4C  F3  XOR       ;Compare with byte on stack
  4D  FA  ANI       ;"AND" with 0F to strip undefined first 4 bits
  4E  0F
  4F  3A  BNZ       ;If ≠, branch to 0A44  (no match)

0A50  44
  51  9F  GHI   RF  ;D=RF.1  (last card address)
  52  52  STR   R2  ;Push
  53  8A  GLO   RA  ;D=RA.0
  54  1A  INC   RA  ;RA=RA+1
  55  F3  XOR       ;Compare RF.1:RA.0
  56  3A  BNZ       ;If ≠, branch to 0A42  (continue)
  57  42
  58  F8  LDI
  59  FF
  5A  5C  STR   RC  ;M(R(C))=FF  (store FF stop byte after throw outs)
  5B  30  BR        ;Branch to next section
  5C  62
  5D  0A  LDN   RA  ;D=M(R(A))
  5E  5C  STR   RC  ;M(R(C))=D  (store throw away)
  5F  1C  INC   RC  ;RC=RC+1

0A60  30  BR        ;Branch to 0A51
  61  51

                      (TYPE DECODING PART 1)

0A62  8F  GLO   RF
  63  AD  PLO   RD  ;RD.0=RF.0  (RD points to possible pairs)
  64  0D  LDN   RD  ;D=M(R(D))  (get possible pair)
  65  FB  XRI       ;Compare with FF
  66  FF
  67  32  BZ        ;If=FF, branch to 0A83  (go test straights/flushes)
  68  83                                    (there are no pairs)
  69  4D  LDA   RD  ;Else D=M(R(D)); RD=RD+1 (get definite pair)
  6A  F6  SHR       ;Shift right x 4 to get only the pair's number
  6B  F6  SHR       ;     "                  "                  "
  6C  F6  SHR       ;     "                  "                  "
  6D  F6  SHR       ;     "                  "                  "
  6E  AE  PLO   RE  ;RE.0=D   (store result--≠0--in RE.0 = J)
  6F  0D  LDN   RD  ;D=M(R(D)) (get next possible pair)
```