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2
        Excerpts from Noah Wright Hearings re Donna Dowden errors:
 3
               MUNICIPAL COURT OF THE STATE OF CALIFORNIA
      1
 4
                      MARIN COUNTY JUDICIAL DISTRICT
      2
 5
      3
                                  ---000---
 6
      4
                                               DEPARTMENT NO. G
        HON. JOHN A. SUTRO, JR., JUDGE
 7
      6 THE PEOPLE OF THE STATE OF CALIFORNIA, ]
 8
      7
                                     Plaintiff,
 9
                                                    No. SC-078796A
      8
              vs.
10
      9 NOAH ISAIAH WRIGHT,
11
12
     10
                                     Defendant.
13
     11
     12
14
                            PRELIMINARY HEARING
     13
15
                   REPORTER'S TRANSCRIPT OF PROCEEDINGS
     14
16
                        Tuesday, September 17, 1996
     15
17
                                  Volume XI
     16
18
                               (Pages 687-779)
     17
19
     18 APPEARANCES:
20
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     19
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21
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                                     County of Marin
     20
22
                                     By: EDWARD S. BERBERIAN,
     21
                                          Deputy District Attorney,
23
24
     22
           For the Defendant:
                                     KIM KRUGLICK
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     23
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     24
27
     25
                                     Lorena Chandler
28
                                    Page 3
```

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3	27	
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```
1
 2
     Page 768
 3
      1 29 -- what you say is true, but 129 is correct, right,
      2 29 of 76?
 4
                     Yes.
             Α.
             Q.
                    But then if you turn the page, then there's
 5
      5 more corrections?
                    Yes.
             Α.
 6
                    While you're on that next page, there's
             0.
      8 another error that's indicated on that page as well,
 7
      9 isn't there?
     10
             A.
                     I'm sorry. Which page?
 8
                    That would be your 30 -- well, originally
     11
             Q.
     12 28, now 30 of 76.
 9
     13
                    MR. BERBERIAN:
                                     I'm going to object to the
     14 characterization as an error. I think she's explained
10
     15 why she did this. She inserted other photographs into
     16 her bench notes.
11
     17
                    So whether that's classified as an error is
     18 argumentative.
12
     19
                    MR. KRUGLICK: Your Honor, if I may, that
     20 explained one of the numberings, but it didn't explain
13
     21 the others.
     22
                    THE COURT: Well, I'm not going to -- I can
14
     23 hear the testimony and I'll draw my own conclusions.
     24 I'm not going to guibble with Counsel over the way he
15
     25 phrases the question, at least not this instance.
16
     26
                    MR. KRUGLICK:
                                    Q.
                                        So on Bates page 4332 it
     27 appears that there's a Xerox copy of a product gel at
17
     28 the top of that page, doesn't it?
18
                                                        Page 769
19
                    Yes.
      1
             Α.
                    And you make note of an error that you made
             Q.
20
      3 there right of that Xerox copy of the product geling,
       don't you?
21
      5
             Α.
                    Yes.
      6
                    And in that instance I guess you're supposed
             ο.
22
       to have taken two photographs of the product gel.
                    Right. It had material from two cases on it
      8
             Α.
23
      9 and I should have taken two photographs so each file had
    10 an original, but I neglected to do that.
                                                   So one just
24
    11 got a Xerox in its file and there's a note saying which
    12 file the original is in.
25
    13
                    MR. KRUGLICK:
                                    The next exhibit I'd like to
    14 have marked is page 4324, counsel.
26
                    THE CLERK: Defendants' L marked for
    15
27
    16 identification.
    17
                    (Whereupon, the document referred to was
28
                                   Page 5
```

1	marked as Defendant's Exhibit L for identification.)
2	19 MR. KRUGLICK: Q. Ms. Dowden, do you have
3	20 4324 before you there?
4	21 A. Yes, I do. 22 Q. And this is a list indicating your
5	23 preparation of samples for the PCR amplification 24 process, correct?
6	25 A. That's correct. It's a series of dilutions 26 that I made.
7	27 Q. And these dilutions have to be known to you 28 so they give you information about the accuracy of the
8	Page 770
9	
10	1 test results, correct? 2 A. Well, it's mainly done to obtain an easy
11	3 amount to work with DNA.
12	4 Q. Well, the amount of DNA as you've told us 5 can affect the results of the test ultimately?
	6 A. That's correct. 7 Q. All right. So you need to know how much DNA
13	8 you're using, don't you?
1,4	9 A. Oh, yes. 10 Q. Now, with respect to the first RSIC
15	11 epithelial tube, you note that there's three nanograms
16	12 of DNA per microliter, correct? 13 A. Correct.
17	14 Q. But then you made an error in the sample 15 amount, didn't you?
18	16 A. It wasn't so much an error as I changed my
	17 mind about how much of the sample I was going to dilate. 18 If you only dilated two microliters, I would only have
19	19 had a total of 6 which might not have given me enough to 20 do all the things I wanted to do with solution.
20	21 Q. So this is evidence of your changing your
21	22 mind where you crossed out a certain amount of 23 microliters of sample and changed the number?
22	24 A. That's correct. 25 Q. And with respect to Exhibit 134, epithelial
23	26 fraction, there again you wrote in that you were going
24	27 to use 10 microliters for the sample and crossed it out 28 and changed it to 2, didn't you?
25	Page 771
26	1 A. Yes. That looks like just a clerical error.
27	2 Q. You filed a report in this case evidencing 3 your results on June 12th, 1995, didn't you?
28	4 A. That's correct. Page 6

```
Now, after that, you found that you had to
             Q.
      6 file an amended report?
 2
                    That's correct.
                    And that was because of errors that were
      8
             ο.
 3
      9 made in the original reporting, correct?
                     That's correct, they were clerical errors in
 4
     11 the types of some of the DQ-Alphas that were not caught
     12 before the report was sent out.
 5
     13
                    Well, essentially, in that first report you
     14 indicated that a fellow named Stockridge was a 1.2,
 6
     15 comma, 2, correct?
     16
                     In one place, yes.
             Α.
 7
     17
                    And in another place on the same report you
             Q.
     18 indicated that the same fellow was actually a 1.2,
 8
     19 comma, 3?
     20
             Α.
                    That's correct. Obviously, they both can't
 9
     21 be right.
     22
                    They both can't be right. In addition,
10
     23 however, you misreported on the same report the results
     24 for a fellow named Atkins, didn't you?
11
     25
                    That's correct.
             Α.
     26
             Q.
                    And on both the first and second pages of
12
     27 that report you reported Mr. Atkins as a 1.2, comma, 2?
                    That's correct.
     28
             Α.
13
                                                        Page 772
14
                    And, in fact, Mr. Atkins is not a 1.2,
15
             Q.
       comma, 2, is he?
16
      3
                    It's not correct. He's a 1.1, comma, 1.2.
             Α.
      4
                    Will you turn to Bates page 4333, please.
17
      5
                    I presume that it is from that Bates page,
      6 ma'am, the list of individuals and alleles in the typing
18
      7 summary that is reflected on that page from which you
      8 got your information in which you made the errors in
19
      9 your report?
     10
             Α.
                    I believe that's correct.
20
                    But in addition to there being an error in
     11
    12 the report, there's an error on this page as well, isn't
21
    13 there?
    14
                          There was a typographical error on Mr.
                    Yes.
22
    15 Atkins' type.
                    Well, ma'am, you have Mr. Atkins originally
    16
23
    17 listed as a 1.1, comma, 2, and then you cross that out
    18 later on and change it to a 1.1, comma, 1.2?
24
                    That's correct.
    19
             Α.
                    And are you calling that mistyping a
    20
25
    21 typographical error?
                          If you look at the slips, he's a 1.1
    22
             Α.
                    Yes.
26
    23 1.2.
    24
27
                    So it's your testimony that the error was in
    25 reading the strip?
28
                                   Page 7
```

1	26 A. No, it was not in reading the strips. It
2	27 was in transferring the information to this particular 28 page from the strip or from the typing sheet. The
3	Page 773
4	1 corresponding typing sheet is Bates page 04330.
5	2 MR. KRUGLICK: Thank you. Will you take a 3 look at Bates page 4366, please.
6	4 Your Honor I have another exhibit I'd like 5 to have marked.
7	6 MR. BERBERIAN: I'm sorry. The Bates page 7 again?
8	8 MR. KRUGLICK: 4366. 9 THE CLERK: Defendant's M marked for
9	10 identification. 11 (Whereupon, the document referred to was
10	marked as Defendant's Exhibit M for 12 identification.)
11	13 MR. KRUGLICK: Q. Ma'am, if I recall your
12	14 testimony on direct when Mr. Berberian was asking you 15 questions, you were explaining to the Judge and to
13	16 counsel about the presence of a ladder on the analytical 17 gels. Do you recall that?
1.4	18 A. On the D1S80 gels?
15	19 Q. Yes. 20 A. Yes.
16	21 Q. And specifically you were stating that the 22 presence of a ladder was important for the purpose of
17	23 sizing? 24 A. For an RFLP, yes.
18	25 Q. Now, on Bates page 4366, you evidence that 26 you made a mistake there, too, don't you?
l	27 A. Yes.
19	28 Q. And that is that there should have been a
20	Page 774
21	1 sample placed next to the ladder and it was not,
22	2 correct? 3 A. That's correct.
23	4 Q. And the sample that was not placed next to 5 the ladder was 94b?
24	6 A. That's correct.
25	7 Q. And is 94b about what you testified on 8 direct when Mr. Berberian was asking you questions, do 9 you recall that?
26	10 A. I don't believe so.
27	11 Q. I may stand corrected here. 12 MR. BERBERIAN: 94a.
28	13 MR. KRUGLICK: I stand corrected and Page 8
_	in the second se

```
1
     14 apologize.
     15
                     THE COURT: All right.
 2
     16
                     MR. KRUGLICK:
                                       So, again, no ladder
                                    Q.
     17 here, correct?
 3
                     Well, the sample was repeated on a later gel
             Α.
     19 so that it was next to a ladder, but it was not
     20 obviously next to a ladder in this run.
 4
                    And that's an error?
 5
     22
                     You could call it that.
             A.
     23
                    And, by the way, when you -- as is your
             Q.
 6
     24 practice, you dated the notes that you put on your
     25 comments here?
 7
     26
                     That's correct.
             Α.
     27
                    And you made an error in the date as well,
             0.
8
     28 didn't you?
9
                                                        Page 775
10
      1
                    Yes, I did.
             A.
                    Now, one of the important parts of
11
      3 preserving the integrity of tests where you're placing
      4 biological samples in gels is to make sure that the
12
        samples don't get mixed up?
                    That's correct.
      6
             Α.
13
      7
             Q.
                    And to make sure that there is no leakage, I
        guess is the word, from any of the lanes, correct.
14
                     That's true.
             Α.
     10
                    And because this is such a hypersensitive
15
             Q.
     11 process that you're employing, you also want to make
     12 sure that the gels, for example, are in good condition?
16
                    Certainly.
     13
             Α.
17
                     THE COURT:
                                 It's just about 5:00 o'clock
     14
     15 now.
              That clock is slow.
18
                    MR. KRUGLICK:
                                    This seems to happen to me
     17 when I get moving.
19
     18
                                 Do you want to finish up with
                    THE COURT:
     19 this?
20
                    MR. KRUGLICK:
     20
                                                     If I could do
                                    Just this one.
     21 this and one more, I'd appreciate it.
21
                    THE CLERK: Defendant's N marked for
     23 identification.
22
     24
                     (Whereupon, the document referred to was
                    marked as Defendant's Exhibit N for
23
    25
                    identification.)
24
                                        That's Bates stamped page
    26
                    MR. KRUGLICK: Q.
    27
       4369, Defendant's N. Do you have it in front of you.
25
                               I knew just where you were going.
             Α.
     28
                    Oh, yes.
26
                                                        Page 776
27
                    I thought you might. You loaded some
     1
             Q.
28
                                   Page 9
```

```
2 evidence samples on an analytical gel for a D1S80
      3 amplification, didn't you?
 2
      4
             Α.
                     Yes.
      5
                     But before you even loaded them, you noticed
             ο.
 3
      6 that there was a bubble in the gel, true?
      7
                     Yes, that's correct.
 4
      8
             ο.
                     But notwithstanding the bubble being in the
      9 gel, an imperfection in the gel, you went ahead and
 5
     10 chose to run the test in any event, correct?
     11
                     That's correct.
                                      The bubble was not in a
             Α.
 6
     12 location where I thought it would cause any problems.
                    But in fact while you were running the test
 7
     14 right where the bubble was, the gel ruptured completely,
     15 didn't it?
8
     16
             Α.
                    Between those two wells, yes.
                    Now, the first time that I asked you about
     17
9
     18 the ladder and the D1S80 analytical gel where you forgot
     19 to put in the ladder, 4366 --
10
                     It was a sample that should have been next
     20
             A.
     21 to a ladder that wasn't.
11
     22
                    Correct.
                               The date on that is 9-21-96, is
             Q.
     23 that true?
12
     24
                    That's correct.
             Α.
     25
                    The date on the rupture of the analytical
             Q.
13
     26 gel is 9-25-95?
     27
             Α.
                    That's correct.
14
     28
                    And then you performed yet another
             Q.
15
                                                        Page 777
16
      1 analytical gel for D1S80 amplification on 9-28-95,
17
      2 didn't you?
      3
             Α.
                    Which page is that?
18
      4
                    4372.
             ο.
                    9-28, yes.
      5
             Α.
19
                    And notwithstanding the earlier failure to
       put a sample next to a ladder, you once again note that
20
       you failed to put a sample in this later test next to a
       ladder as well?
21
     10
                    That's correct.
             Α.
                    THE CLERK: Defendant's O marked for
    11
22
     12 identification.
    13
                    (Whereupon, the document referred to was
23
                    marked as Defendant's Exhibit O for
                    identification.)
    14
24
    15
                    MR. KRUGLICK:
                                   Which is Bates page 4372.
25
    16
                    Your Honor, I think this would be the time.
    17 I could go on forever.
26
                                 Thank you for at least being
    18
                    THE COURT:
    19 honest in that respect.
                                  But you can continue tomorrow
27
    20 morning at 10:00 o'clock.
28
                                  Page 10
```

1	21 22	We'll be in recess until then. MR. KRUGLICK: Thank you, sir.
2		4 .
3	1	SUPERIOR COURT OF THE STATE OF CALIFORNIA
4	l	
5	2	MARIN COUNTY JUDICIAL DISTRICT
6	3 DEPAR	HON. JOHN A. SUTRO, JR., JUDGE RIMENT G
7	4	
8	5	000
9	6	
10	7	THE PEOPLE OF THE STATE OF )
11	8	CALIFORNIA, )
12	9	Plaintiff, )
13	10	vs. ) No. SC078796A
14	11	NOAH ISAIAH WRIGHT,
15	12	Defendant. )
16	13	
17		DEDODMEDIC MONNICODIDM OF DESTINATION HENDING
18	14	REPORTER'S TRANSCRIPT OF PRELIMINARY HEARING
19	15	Wednesday, September 18, 1996
20	16	VOLUME XII, PAGES 780 THROUGH 835
21	17	
22	804	
23	1 2	Q. And the second is the number of nanograms per milliliter of DNA; is that correct?
24	3	A. No. The second column is the microliters that
25	the 4	volume of DNA extract it will take to attain the number of
26	5 6	nanograms listed. Yesterday we talked about some samples that had
27	7 what	been diluted for PCR testing. When I do that procedure
28		Page 11

```
8
           I'm doing is diluting samples so that they are one
     nanogram
 2
           per microliter and then that makes it very easy for me to
       9
      10
           work with.
 3
      11
                      If I have samples that are too diluted already,
      12
           then there will be, as in the case here, different volumes
 4
     to
      13
           acquire the number of nanograms that I want to amplify.
 5
      14
                     With the -- at lane six, the reagent plank for
      15
           epithelial cells, you made an error there that you had to
 6
           correct; didn't vou?
      16
      17
                Α.
                     Yes.
 7
                     Now, in addition, you made another error with
      18
                0.
      19
           respect to the amplification in this particular product
 8
     qel
      20
           run; didn't you?
 9
      21
                A.
                     You're referring to the quantitation error?
      22
                0.
                     Yes, ma'am.
10
      23
                Α.
                     Yes.
      24
                     And in that regard, you actually thought that
                0.
11
     you
      25
           had 2.6 nanograms of nuclear DNA to amplify; didn't you?
12
      26
                     That's correct.
                Α.
      27
                     But, in fact, you didn't. You only had 0.26 --
                Q.
13
      28
                Α.
                     That's correct.
14
15
                                                                  805
       1
                Q.
                     -- nanograms of nuclear DNA. You only had a
16
     10th
       2
           of what you thought you had?
17
       3
                     That's correct. Yes. The error goes back to
                Α.
     the
18
           slot blot run sheet. When I did the math, calculating the
       4
       5
           nanograms per microliters, I made a decimal point error in
19
       6
           recording that. That's Bates page 04342. And so that
       7
           mistake then followed into the next step, which was this
20
       8
           amplification.
       9
                     So the error at an earlier stage caused a
                Q.
21
    problem
      10
           at a later stage?
22
      11
                     That's correct. It ended up with too little DNA
      12
           for amplification to occur.
23
     13
                Q.
                     And that's on page 4354 that you discovered
    that;
24
           isn't it?
     14
     15
                     I'm sorry.
                Α.
                                 4354?
25
     16
                     Yes.
                Q.
     17
                Α.
                     Well, where I discovered there was too little
26
    DNA
27
     18
          was when the product gel did not have a product band and I
     19
          went back to try to figure out why, when there should have
28
                                  Page 12
```

1	20	been plenty of DNA. I don't believe well, there is
_	21	another note about that on 4354.
2	22	Q. You're right. I believe you testified earlier
3	23 24	on maybe it was even during voir dire when I was asking you questions, that you received you took a number of
4	25	proficiency tests?
*	26 27	A. That's correct. Q. And, as I recall your testimony, the proficiency
5	28	Q. And, as I recall your testimony, the proficiency tests are to determine the quality of your work; correct?
6		_
7		
8	807	
	1	trying to decide whether to fight a case or negotiate some
9	2 in	type of a settlement, a plea bargain, I guess we'd call it
10	3	its rankest form. You're aware of that?
10	4	A. That's correct.
11	5	Q. So you're aware that precision is of
İ		ficance?
12	6	A. Yes, I am.
	perfo	Q. You also testified, as I recall, that you
13	8 berro	satisfactorily on all of the proficiency tests that you
14	had	butteractority on arr or the profiterancy tests that you
T. T	9	been given?
15	10	A. That's correct.
	11	MR. KRUGLICK: Your Honor, I have a six-page
16	12 Seri,	document that I would like to have marked. It's titled
17	13	S-e-r-i, DQ-Alpha Basic Panel Set 1A?
	14	THE COURT: All right.
18	15	THE CLERK: Defendant's Q is marked for
		identification.
19	17	(Defendant's Exhibit No. Q, Proficiency Test,
20	18	was marked for identification.)
20	19	MR. KRUGLICK: May I provide this to the
21	witnes	
	20	your Honor? THE COURT: Yes.
22	21 22	THE COURT: Yes. MR. KRUGLICK: Thank you.
	23	Q. Ms. Dowden, will you tell the Court and counsel
23	24	what the group of documents before you is, if you know?
24	25	A. This is a copy of one of my proficiency tests,
-	the	
25	26	Seri Panel 1A. It includes my bench notes and report and
1	27	then a supplemental report.
26	28	Q. Now, directing your attention to page two of the
27		
28		808
40	· · · · · · · · · · · · · · · · · · ·	Page 13

1	1 six-page document
	2 A. Yes.
2	3 Q that is your report of the results that you
ا ا	4 obtained during the course of performing that proficiency
3	5 test; correct?
4	A. That's correct.  Now, specifically, you reported out sample three
	as
5	8 a 1.1 comma 2; did you not?
	9 A. Yes.
6	10 Q. That's the same alleles that you report out for
_	the
7	11 victim in this case?
8	12 A. I believe so, yes.
	13 Q. In addition, you reported out sample four as a
9	1.1
ĺ	<pre>14 comma 2? 15 A. That's correct.</pre>
10	16 Q. And based upon that, you concluded in this
	report
11	17 that samples three and four could have had a common
12	origin;
	18 correct?
13	19 A. Yes, I did.
	Q. That means that samples three and four in this
14	21 proficiency test in your report in your opinion could have
	22 come from the same person?
15	A. That's correct.
1	Q. Now, that test was reported out on July 9th of
16	25 1993; wasn't it (sic)? 26 A. Internally, yes. That was not an external test.
17	26 A. Internally, yes. That was not an external test. 27 Q. Once you reported out these results internally
	on
18	28 July 9th of '93, to whom did you provide them (sic)? That
	is
19	
20	809
21	1 to say internally to whom?
	2 A. I'm not actually sure whether it went directly
22	to Table to Table 1
	3 Ken or directly to Jan.
23	4 Q. Your signature is over the name of Ken Konzak; 5 isn't it?
	6 A. That's correct.
24	5 isn't it? 6 A. That's correct. 7 Q. And Ken Konzak is the same individual who you
25	8 testified was your supervisor on the reports that we
27	9 discussed that you published in this case, the Wright
26	case?
	10 A. That's correct.
27	11 Q. And then, Ms. Dowden, some six months later you
	had
28	Page 14
	<del>-</del>

1		to file a corrected report
2	13 14	<ul><li>A. That's correct.</li><li>Q of this proficiency test because there had</li></ul>
_	been	Q of this profictency test because there had
3	L	errors in the original report that you reported out; is
4	B .	correct?
	17	A. That's correct. And, in fact, there is an
5	18 19	incorrect statement in the supplemental report, as well.  Q. We'll talk about it.
6	20	A. I'm sure we will.
_	21	Q. In that regard, what you had to do is you had to
7	1	correct sample four that you had previously reported out
8		1.1 comma 2, the same as the victim in this case, and
9	found 24	that indeed it wasn't a 1.1 comma 2; it was a 1.1 comma
10	1.2?	
	25	A. That's correct.
11	26 27	Q. An entirely different DNA genotype? A. That's correct.
12	28	Q. And this report was approved by a supervisor;
12	810	
13	4	wasn't it?
	2 3	A. I don't see any initials that the supervisor did ever actually review this and approve it.
14	4	Q. The
15	5	A. Jan Bachinski (sic) at that time was the
	labora	
16	7	director and she was also the I don't remember what the title was, but some sort of QC manager. And so she did
17	the 8	final approval on all of the proficiencies at that time
18	and	rinar approvar on arr or the profitciencies at that time
	9	kept updated the records periodically.
19	10	Q. Jan is now the director of the lab just under
20	Lance 11	Gima; right?
	12	A. Jan is now the director of the Bureau of
21	Forens	ic
22		Science.
	14 15	Q. Just above Lance Gima? A. Actually two spots above Lance.
23	16	Q. So she was the head of the quality control
24	portion	n
		of the lab at the time that this supplemental report was
25		reported out because of errors you had made in previous reports in this proficiency test?
26	20	A. Yes. Because of a typographical error, yes.
	21	Q. And even after making the corrections six months
27	1	later in this proficiency test, it's still wrong; isn't
28	it?	Page 15
1	-	Taye 10

```
23
                      The table is now correct, but I did not
 1 ||
                A.
     apparently
 2
      24
           read it when I corrected the table because the follow-up
      25
           statement is then not a true statement.
 3
      26
                      So that even though now we have sample three a
     1.1
 4
      27
           comma 2, and sample four a 1.1 comma 1.2, you have still
      28
           concluded in this test that they could have had a common
 5
 6
                                                                  811
           origin?
       1
 7
       2
                Α.
                     Well, the follow up paragraph still says that
     they
 8
           are still both a 1.1 comma 2, so, therefore, they could
       3
     have
 9
       4
           had the same origin.
       5
                     That's wrong, isn't it?
                0.
10
       6
                     That's correct. It's wrong.
                Α.
       7
                     And it's your testimony that you have performed
11
           satisfactorily on all of your proficiency tests?
       8
       9
                     The analytical results are correct. The written
12
      10
           report had some problems, which Jan didn't catch when she
      11
           reviewed it the last time.
13
      12
                     So your supervisor didn't correct the error
                0.
     either?
14
      13
                Α.
                     That's correct. Unfortunately, we're all not
      14
15
           perfect.
      15
                     Now is D1S80 PCR more sensitive than DQ-Alpha
                Q.
16
     PCR?
      16
                     Less sensitive, in general.
                Α.
17
      17
                     It's your testimony, I recall, that because
                Q.
     there's
18
      18
           a C dot, a control dot on the PCR strip, that you know
      19
           whether there exists sufficient DNA to test using the
19
      20
           DQ-Alpha test system?
      21
                     Or more technically that sufficient product was
20
      22
           generated, yes, because I know typically how much DNA I
    put
21
     23
           in and whether or not that should amplify.
                                                        There may be
      24
           inhibitors that may prevent amplification.
                                                        The C dots are
22
     25
           actually a measure of the sufficiency of the product or
    the
23
     26
          amplified DNA.
     27
                     Okay. And the amplified DNA is contained in
                Q.
24
    some
     28
          kind of a suspension or dilution, but you know how much
25
    DNA
26
27
28
                                  Page 16
```

```
827
 1
           E3?
       1
 2
       2
                Α.
                      Yes.
       3
                      There is a place there for you to include the
                Q.
 3
           amount of nuclear DNA per microliter that you learned
       4
     existed
 4
           from your slot blot run procedure; correct?
       6
                Α.
                      That's correct.
 5
       7
                      Okay.
                             And you made a mistake there, didn't you?
                Q.
       8
                      I think that's probably a rounding thing.
                Α.
 6
     was
       9
           probably .16 something and I decided to round it up to
 7
     seven
      10
           rather than carry the numbers out.
 8
      11
                      What is -- is that evidenced on this sheet
      12
           anywhere?
 9
      13
                      No.
                Α.
      14
                Q.
                      What this says is a .16 and the 6 is crossed out
10
      15
           and the 7 is there in its place?
      16
                      That's correct.
                Α.
11
      17
                Q.
                     And you initialed that?
      18
                      That's correct.
                Α.
12
      19
                     Where can you show us that the rounding took
                Q.
    place,
13
      20
           ma'am?
                      I could check it on my calculator and see, but
      21
14
           that's what it would look like to me. I don't have any
      22
           independent recollection of doing it. It may have simply
      23
15
      24
           been a recorded error.
                            And similarly, if you take a look at Blot
      25
16
                     Okay.
      26
           C2, there you report out 0.67 nanograms per microliter of
17
      27
           DNA; correct?
      28
                     That's correct.
                Α.
18
19
                                                                   828
                     But, in fact, that's not correct, is it?
       1
                Q.
20
       2
                A.
                      That's correct. It should have been .067.
                     That's a substantial difference, isn't it?
       3
                Q.
21
       4
                Α.
                     Quite a bit, yes.
       5
                     And so that is another error that you made just
                Q.
22
    on
       6
           this one sheet?
23
       7
                Α.
                     Yes, it is.
                     MR. KRUGLICK:
       8
                                     I have another exhibit, your
24
    Honor.
      9
                     THE COURT: All right.
25
     10
                     MR. KRUGLICK:
                                    Bates page 4357.
     11
                     THE CLERK: Defendant's U is marked for
26
     12
           identification.
     13
27
                      (Defendant's Exhibit No. U, DQ-Alpha Typing
    Sheet,
28
                                  Page 17
```

```
14
                       was marked for identification.)
                     MR. KRUGLICK: Q. Now, Defendant's U is a DQ-
      15
 2
     Alpha
           typing sheet; is it not?
      16
 3
      17
                Α.
                      Yes, it is.
                     And a DQ-Alpha typing sheet is sort of a list, a
      18
 4
           series of things that look like the test strips that we
      19
      20
           showed the Judge yesterday?
5
      21
                      Yes.
                A.
      22
                     But they're blank; they don't have dots in them?
                0.
6
      23
                     Until I fill them.
                Α.
                      So the purpose is to fill in the results of the
      24
                Q.
7
      25
           test that you performed?
      26
                     That's correct.
                Α.
8
      27
                     All right. Now, with respect to item 98B, the
                0.
           epithelial fraction --
      28
9
10
              MUNICIPAL COURT OF THE STATE OF CALIFORNIA
     1
11
                     MARIN COUNTY JUDICIAL DISTRICT
      2
12
      3
                                 ---000---
13
14
        HON. JOHN A. SUTRO, JR., JUDGE DEPARTMENT NO. G
15
16
      6 THE PEOPLE OF THE STATE OF CALIFORNIA, ]
17
      7
                                    Plaintiff,
18
                                                   No. SC-078796A
      8
              vs.
19
      9 NOAH ISAIAH WRIGHT,
20
     10
                                    Defendant.
21
     11
22
     12
                            PRELIMINARY HEARING
23
    13
                  REPORTER'S TRANSCRIPT OF PROCEEDINGS
24
    14
                      Wednesday, September 18, 1996
25
    15
                                Volume XIII
26
    16
27
                              (Pages 836-917)
    17
28
                                   Page 18
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1
 2
     Page 864
 3
             Α.
                     I don't believe the extraction process
      2 failed.
                  I believe there was just something
 4
      3 characteristic of that particular sample that made the
      4 sperm membranes fragile.
 5
                     Isn't the purpose of the separation to
             Q.
      6 separate the epithelial and the sperm?
 6
                     That's its purpose.
                                          Unfortunately, it's not
             Α.
      8 perfect.
 7
      9
                     Directing your attention to Defense Exhibit
             0.
     10 L, ma'am --
 8
                    MR. BERBERIAN:
                                      Page number, please.
     12
                    MR. KRUGLICK:
                                    Bates page No. 4324.
9
                     This is something that we've already talked
     13
     14 about, the third sample down, 134ecII, does the 2
10
     15 indicate that it is the second attempt at this
     16 extraction and amplification?
11
                     Yes, it does, or the extraction, yes.
     17
             A.
                    And in the sample there you made another
     18
             Q.
12
     19 error, didn't you?
     20
                    Yes.
             Α.
13
     21
                    That's not a typographical error, is it?
             0.
     22
                    No, it's not.
14
             A.
     23
                     For the record, I wrote 2010 and crossed it
     24 out and changed it to 2.
15
     25
             Q.
                    And that is an error unrelated to the other
16
     26 mathematical error that we discovered here together,
     27 isn't it?
17
     28
                    Yes, it is.
             Α.
18
     Dated: Sunday 3-23-97
19
                               Respectfully submitted,
20
                               JOSEPH L. SPAETH,
                               PUBLIC DEFENDER OF MARIN COUNTY
21
22
                               by:
23
                                     Frank J. Cox
                                    Chief Deputy Public Defender
24
                                    Attorneys for Defendant.
25
26
27
28
                                   Page 19
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