EXHIBIT B

	Page 1
1	UNITED STATES DISTRICT COURT
	FOR THE DISTRICT OF COLUMBIA
2	
3)
	In re Fannie Mae/Freddie Mac)Miscellaneous No.
4	Senior Preferred Stock)13-1288(RCL)
	Purchase Agreement Class)
5	Action Litigation)CLASS ACTION
)
6)
)
7	This document relates to:)
)
8	ALL CASES)
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11	
12	Remote Videotaped Deposition of
13 14	SUSAN HARTMAN
14 15	August 23, 2022 8:41 a.m.
15 16	0.41 a.m.
10 17	
18	
19	
20	
21	
	Reported by: Bonnie L. Russo
22	Job No. 5367728
_	

	Page 9
1	Q. And do you go by Dr. Hartman?
2	A. I don't. I'm not sure where that
3	came from. I was going to point that out.
4	Q. Very good. I
5	A. I do not have a doctorate.
6	Q. I hadn't seen a Ph.D. on your CV,
7	but just wanted to confirm because I heard
8	someone say it before we got started.
9	So is Ms. Hartman okay for today?
10	A. That's fine.
11	Q. Great. Have you been deposed
12	before?
13	A. Yes.
14	Q. Okay. How many times?
15	A. I think roughly 20.
16	Q. When when was the most recent
17	time you were deposed?
18	A. About a year ago.
19	Q. Okay. And of those roughly 20
20	times, were were those cases in which you
21	were either a plaintiff or a defendant as a
22	party to the lawsuit, or were those cases where

Page 10 you were serving some role as a -- as a 1 2. witness? I was not a party to the lawsuits. 3 It was part of my business. 4 Okay. And in -- in those cases 5 Q. 6 where you were deposed before, were you serving 7 as an -- as an expert and being deposed as an 8 -- as an expert for one of the litigants? 9 Α. Yes. 10 Okay. In -- in all 20 of the cases 0. 11 where -- 20 or so cases where you have been 12 deposed previously, were all of those 13 situations where you were serving as an expert 14 for one of the parties in the litigation? 15 Α. Yes, although I would say they 16 weren't all litigations. Sometimes I have 17 testified in investigations. Okay. Well, whether it was 18 Q. 19 litigation or investigation, arbitration, any 20 sort of legal proceeding where you have 2.1 testified before, it's always been as an expert 22 for one of the parties involved in the legal

Page 11 proceeding? 1 2. Α. That's correct. 3 Okay. Have you ever testified at a Ο. trial? 4 5 Α. Yes. 6 Ο. Okay. How many times? 7 Α. Again, probably roughly 20. 8 Ο. Okay. Roughly -- would you say that 9 is roughly the same 20 or so cases in which you 10 were also deposed? 11 Α. Not one for one. Some cases 12 settled. Some cases, there were a deposition before trial. 13 14 0. Okay. In the 20 or so cases where 15 you have testified at a trial, were all of 16 those situations where you were serving and 17 testifying as an expert on behalf of one of the 18 parties to the matter? 19 Α. Yes. 20 Okay. So you have never testified Ο. 2.1 in a -- in a deposition or an investigation or 22 a trial or any other legal proceeding in any

Page 12 1 capacity other than as an expert for one of the 2. parties? 3 Α. That's correct. And have you always been paid 4 Ο. Okay. for your work as an expert in those other 5 matters? 7 Α. Yes. 8 Ο. Okay. And have you served as an 9 expert for parties in legal proceedings in 10 other cases where you didn't give any 11 testimony, either at a deposition or 12 investigation or trial or any other proceeding? 13 I'm sorry, could you repeat the Α. 14 question. 15 In addition to the various Ο. Sure. 16 matters you have already described in which you 17 testified as an expert, have you also served as 18 an expert in other cases where you didn't give 19 any testimony? 20 Α. Yes. 2.1 Okay. And were you always paid in Ο. 22 connection with those matters as well?

Page 16 1 this case? 2. I believe it was Michael Barry. My Α. -- my firm was already doing some work on this 3 case in -- on another capacity, so the first 4 person I spoke to was either Michael Barry or 5 6 Sam Kaplan. 7 Q. Okay. And that's Dr. Joseph Mason 8 who is affiliated with your firm, BVA Group, is 9 also an expert for the plaintiffs in this case. 10 Is that -- that's what you are 11 referring to? 12 Α. Yes. 13 Okay. And am -- am I understanding Ο. 14 correctly that Dr. Mason was already involved 15 in the case working as an expert for the 16 plaintiffs at the time that Mr. Barry or Mr. 17 Kaplan reached out to you about the case? 18 Α. That's my understanding, yes. 19 Okay. When, to the best of your Ο. 20 recollection, did they first reach out to you 2.1 about this case? 22 It -- it hasn't been that long. Α. Ιt

Page 17 has only been a few months but I couldn't tell 1 2. you a date. Okay. Order of magnitude, four Ο. 3 months, five months, six months? 4 Somewhere between four and six would 5 6 be my best remembrance. 7 Q. Okay. And -- and did they initially 8 ask you to serve as a summary witness? 9 that their opening request? 10 Α. Yes. 11 Okay. Did -- did they tell you or Q. 12 do you have any understanding of why you were 13 asked to serve as a summary witness in this 14 case? 15 My understanding is they needed a Α. 16 summary witness to consolidate a lot of 17 materials that are publicly available and 18 present them in summary fashion. 19 Ο. Before they reached out to you in 20 the last four to six months or so to ask you to 2.1 serve as a summary witness in this case, did 22 you have any connection before that to this

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1	and your team at BVA Group about this case?
2	A. No.
3	Q. Okay. Plaintiffs have said that you
4	will testify about a number of different topics
5	or issues in this case.
6	Are you aware of that?
7	A. Yes.
8	Q. Who determined what topics you will
9	testify about?
10	A. Counsel.
11	Q. Plaintiffs' counsel did?
12	A. Yes.
13	Q. They they just came and told you
14	which issues they would like you to testify
15	about?
16	A. Yes. They told me what information
17	they would like consolidated.
18	Q. You did not prepare any expert
19	report in this case, right?
20	A. Correct.
21	Q. Were you ever asked to prepare an
22	expert report in this case?

Page 22 School and you are also a CPA, right? 1 2. Α. Correct. Okay. For your analyses in this 3 0. 4 case, did you rely on any of your specialized expertise either as an MBA or CPA or otherwise? 5 6 Α. No. 7 Q. Other than your role as a summary 8 witness in this case, do you have any prior 9 experience or done any prior work relating to 10 Fannie Mae, Freddie Mac or FHFA? 11 Α. No. 12 Ο. Okay. Have you done any other prior 13 work relating to the 2008 housing and financial 14 crisis? 15 Α. No. 16 Ο. None? 17 Α. None. 18 Q. You are a partner at BVA Group, 19 right? 20 Α. Correct. 2.1 And BVA is an expert consulting Ο. 22 firm; is that right?

Page 29 Including for the time that you 1 Ο. 2. spend testifying at trial as a summary witness in this case? 3 4 Α. Yes. Okay. You are billing -- you are 5 Q. charging the plaintiffs \$850 an hour for your 6 time at today's deposition? 7 8 Α. Yes. 9 Ο. Do you have a written agreement with plaintiffs or plaintiffs' counsel relating to 10 11 your work in this case, like, an engagement or 12 retainer agreement or letter? 13 Α. Yes. 14 Okay. When was that -- do you Ο. 15 recall when was that signed? A few months ago. I don't know 16 Α. 17 exactly. 18 Q. Okay. And you mentioned that you 19 have a team of people at BVA Group working with 20 you; is that right? 2.1 Α. That's correct. 22 How many people is that? Ο.

Page 32 not as an expert, as a summary witness in this 1 2. case? Α. Yes. 3 And -- and how much do you 4 Okay. all charge the plaintiffs for those folks' 5 time? 6 7 Α. I think anywhere from 300 to 650 an 8 hour. 9 Ο. And do you know, either specifically 10 or just order of magnitude, how many hours have 11 those four people spent working, supporting you 12 in this case? 13 Α. I don't know. 14 Okay. Do you have any sense for how Ο. 15 much you have invoiced the plaintiffs for the time of those four people so far? 16 17 Α. I don't. You would have to consult the -- the 18 Q. invoices? 19 20 Α. Correct. 2.1 Okay. Even order of magnitude, do Ο. 22 you have any sense, hundreds of dollars,

Page 53 word, does this list of topics that you are 1 going to address at trial match or line up with 2. your understanding of the topics that you are 3 going to address at trial? 4 Everything except No. 3. I don't 5 know that there was a discussion about HERA and 6 7 the date it was adopted, but that is easy to 8 look up, and No. 7, I was not asked by counsel 9 to look into the deferred tax asset issue. 10 Ο. Okay. You -- on No. 7, am I right, 11 you have not been asked by plaintiffs' counsel 12 to look into the deferred tax assets or DTA 13 issue? 14 Α. Correct. 15 And have you looked into that issue, the DTA issue? 16 17 Α. No. 18 Q. Do you have any plans to look into 19 it? 20 Α. No. 2.1 Okay. Do you have any plans to Ο. 22 offer any testimony at trial as a summary

Page 54 witness or otherwise about DTAs? 1 2. Α. No. Have you -- have you been asked to 3 4 look at or testify about anything related to loan loss reserves in this case? 5 6 Α. No. 7 Q. Have you been asked to look at or 8 testify about anything relating to GAAP? 9 Α. No. 10 Ο. You are familiar with GAAP as a CPA, 11 sure. 12 Α. Yes. 13 Okay. And you haven't been asked or Ο. 14 look at or testify to anything relating to GAAP 15 in this case? 16 Α. That's correct. 17 Okay. Have you been asked to look Q. 18 at or testify about anything relating to the 19 relationship between FHFA and Fannie or Freddie 20 with respect to accounting matters? 2.1 Α. Could you be more specific. 22 Have you ever heard or seen claims Ο.

Page 55 or statements that FHFA forced Fannie or 1 2. Freddie to take certain -- or to take or make certain accounting decisions? 3 I have not looked into that. 4 Have you been asked to look 5 Q. Okay. 6 into anything like that? 7 Α. No. 8 Ο. Do you have plans to look into those 9 issues? 10 Α. No. 11 Okay. Other than No. 7 in this list Q. 12 of topics in the -- in the July 8, 2022 e-mail 13 from Mr. Barry, and the question of whether the 14 date HERA was adopted, was one of the dates you looked at in Topic 3, other than those two 15 16 items, does this list otherwise accurately and 17 completely describe the topics that you are 18 planning to cover in your testimony at trial? 19 Α. Yes, it does. 20 Other than what is listed here, are Ο. 2.1 there any other topics or issues that you are 22 planning to address in your testimony at trial

Page 65 Okay. Who identified the particular 1 Ο. 2. documents here that you're going to offer into evidence and -- and read certain portions of 3 them out loud? 4 Plaintiffs' counsel. 5 Α. Okay. And who identified which 6 Q. 7 portions of these documents you'll read? 8 Α. Plaintiffs' counsel. 9 Ο. Did you have any input -- did -- did 10 you or -- or anyone at BVA Group have any input 11 in selecting the particular documents listed 12 here that you will offer into evidence and read 13 certain portions out loud? 14 No, we did not. Α. 15 Did you or anyone at BVA Group have 16 any input in selecting the particular portions 17 of these documents that you will read out loud at trial? 18 19 Α. No, we did not. 20 Have you been told which portions of Ο. 2.1 these documents you'll read out loud? 22 Yes. Α.

Page 67 1 Α. No. 2. Okay. Do you have any understanding Ο. of why these particular documents were chosen 3 4 by the plaintiffs' counsel for you to offer into evidence and read certain portions of them 5 out loud at trial? 6 7 Α. I do not. 8 Ο. They never told you? 9 Α. No. 10 Ο. You never asked? 11 Α. No. 12 Ο. Okay. Do you have any understanding 13 of how the plaintiffs' counsel went about 14 choosing which portions of each of these 15 documents you will read out loud at trial? 16 Α. No. 17 Q. They never told you? 18 Α. No. 19 Q. And you ever asked? 20 Α. No. 2.1 So what happened was the plaintiffs' Ο. 22 counsel identified these documents without any

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input from you, identified specific portions of the documents that they want you to read out loud at trial, again without any input from you, and you've -- you've looked at the documents, you've read the parts that they want you to -- to read into the record, and you're planning to read those portions out loud at trial, but not offer any additional testimony about those documents.

Is that all right?

- A. That's correct.
- Q. Okay. Ju- -- just being given a document with some of the text highlighted or underlined and -- and reading it out loud, it doesn't require -- well, anyone who can read English could do that, right?
 - A. Correct.
- Q. Okay. Do you have any understanding of why the plaintiffs are -- are paying \$850 an hour for you to just read documents out loud at trial?
 - A. I don't have an understanding of

	Page 69
1	that.
2	Q. All right. Seems like a good gig.
3	MR. JONES: We've been going about
4	an hour.
5	Do you want to take a short break or
6	keep going? Totally I leave it totally to
7	y'all.
8	THE WITNESS: I would like to take a
9	short break if that's all right.
10	MR. JONES: Absolutely. When
11	whenever you like.
12	How long it's 10 I have 10:43.
13	Do you want to take 5 minutes, 10
14	minutes, 15 minutes?
15	THE WITNESS: 10 minutes is fine.
16	MR. JONES: Let's Michael, can we
17	come back on at 10:55?
18	MR. BARRY: That's fine with me.
19	Thank you.
20	MR. JONES: Excellent.
21	THE VIDEOGRAPHER: The time is 9:43.
22	This ends Unit 1.

Page 83 1 Α. No. 2. Ο. They never asked you? 3 No. Α. 4 I mean, they never told you? Ο. 5 Α. No. And you never asked? 6 Ο. 7 Α. No. 8 Ο. Okay. Unlike some of the other 9 topics that we look at that were listed in this 10 e-mail, this description of your testimony 11 about the certificates of designation under 12 Topic 1, it does not say that you are going to 13 read certain portions or any portions of the 14 certificates into the record, correct? 15 Α. Correct. 16 Okay. And -- and is that your Ο. 17 understanding, that you're not going to read 18 out loud into the record any portions of the 19 certificates of designation, you're just going 20 to explain certain of the terms in your own 2.1 words? 22 I can't remember if this has changed Α.

Page 84 since this document. It may have, but I can't 1 2. remember. Okay. Well, at least as of the time Ο. 3 of -- of this document, which the plaintiffs' 4 counsel wrote, the -- the plan as of this time 5 was -- was just for you to describe certain of 6 7 the terms in the certificates of designation 8 using the language in red there that the 9 plaintiffs' counsel wrote, right? 10 Α. That's correct. 11 Okay. Other than just reading what Q. the plaintiffs' counsel wrote here in red for 12 13 you to say about the certificates of 14 designation, are you planning to offer any 15 other testimony or analysis or summary of the 16 certificates of designation? 17 I'm willing to ask -- answer Α. 18 questions about which Certificate of 19 Designation to the extent I've reviewed them. 20 Okay. Other than what is disclosed 0.

here under Topic 1 in this e-mail, which the

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Page 86 1 portions of those documents into the record, you're not going to read portions of the 2. certificates of designation into the record, 3 but -- but you are effectively going to read or 4 recite what the plaintiffs' counsel have 5 written here about certain terms of the 7 certificates, right? 8 Yes, I'm going to discuss certain 9 terms of the certificates. 10 Ο. Okay. And -- and you're going to 11 explain those terms of the certificates, which 12 the plaintiffs' counsel identified, and you're 13 going to explain them in the manner in which 14 they are described here in the July 29th 15 e-mail, right? 16 MR. BARRY: Objection. 17 THE WITNESS: Yes. 18 A summary of what the terms are, certain terms. 19 20 BY MR. JONES: 2.1 Okay. You're going to provide what Ο. 22 you describe as a summary of certain terms, the

Page 108 underlying and I looked at the underlying 1 documentation to confirm dates of each of these 2. events. 3 Okay. So other than looking at 4 Ο. underlying documentation for each event to 5 confirm the date in order to put them in 6 chronological order, this timeline is not 7 8 otherwise a summary of any other document or 9 source? 10 Α. Other than what it shows to be, 11 which is the timeline of certain events. 12 Ο. Okay. It is just a chronological 13 timeline of events that were selected by the 14 plaintiffs' counsel without any input from you? 15 Α. Correct. 16 Okay. Do you know who wrote the Ο. 17 description of each event in this -- in this 18 timeline graphic? 19 Α. I do not know the answer to that. 20 Q. Okay. Possible that your staff were 2.1 involved? 22 Α. Yes.

Page 110 Amendment" and "Executed," and then there is a 1 2. separate entry for: "Third Amendment's Net Worth Sweep Takes Effect." 3 4 Do you see that? 5 Α. Yes. 6 Ο. Okay. Are there any events that you considered, you or your staff considered 7 8 including in this timeline but ultimately did 9 not include? 10 Α. No. 11 Okay. You and your staff just Q. 12 didn't have any input at all on what particular 13 events either are or are not included on this 14 timeline, right? 15 These events were just given to you 16 and you found their dates and included them, 17 right? 18 Α. Correct. 19 Ο. This timeline doesn't include 20 anything about the periodic commitment fee or 2.1 the PCF under the PSPAs; is that right? 22 Α. Yes.

Page 116 description that the plaintiffs wrote -- the 1 2. plaintiffs' counsel wrote of your testimony on that topic, right? 3 Α. Yes. 4 5 Q. Okay. Have you -- have you read this description written by the plaintiffs' 6 counsel of your testimony about the PSPAs and 7 8 the various amendments before? 9 Α. Yes, I have. 10 Ο. Was that about a month ago when you 11 -- when you first received this -- this list? 12 Α. Yes, I have read them several times. 13 This topic, just testifying Ο. Okay. 14 about the PSPAs and the various amendments to 15 them, it doesn't involve any calculation or computation, right? It doesn't involve any 16 17 data? 18 Α. Correct. 19 Okay. These are just shareholder Ο. 20 agreements between treasury and each of -- of 2.1 Fannie and Freddie and various amendments to 22 those shareholder agreements and you have read

Page 117 1 them and you are going to effectively 2. paraphrase them in your testimony; is that right? 3 Α. That's correct. 4 Sorry, I didn't hear. 5 Q. Sorry. That's correct. 6 Α. 7 Q. Okay. You have read the PSPAs and 8 all of the amendments; is that right? 9 Α. Yes. 10 Ο. Okay. So for each agreement, for 11 each PSPA and each amendment, there is one for 12 Fannie and one for Freddie, right? 13 Α. Yes. 14 Okay. And for each agreement and Ο. 15 each amendment, the Fannie version and the 16 Freddie version are virtually substantively 17 identical other than just changing their names, 18 right? 19 MR. BARRY: Objection. Lacks 20 foundation. It's also not correct. 2.1 THE WITNESS: Yes, except for one 22 letter agreement, I believe changes the capital

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A. That's right.

Q. Okay. Am I correct in understanding that your explanation of those terms, those specific agreement or amendment terms that the plaintiffs' counsel asked you to specifically highlight, your descriptions of them, your paraphrasing of them will be consistent with what the plaintiffs' counsel have written here about them, right?

A. Yes.

Q. In -- in paraphrasing -- well, strike that.

In focusing on certain terms of the PSPAs and amendments that the plaintiffs' counsel direct you to and paraphrasing those specific terms in your testimony, are you relying on any specialized training or knowledge or expertise or education or familiarity with these types of documents?

A. No.

Q. Okay. Any -- any layperson could do this, could just be handed these documents,

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Page 127 wrote that you will offer into evidence the 1 2. Form 8-K filed by Freddie Mac on September 11, 2008, and will read certain portions into the 3 record? 4 5 Α. Yes. 6 Ο. Okay. So this is one of the documents that we talked about earlier where 7 8 you were just going to offer this document into 9 evidence and read certain portions of it that 10 the plaintiffs' counsel direct into the record, 11 right? 12 Α. Correct. 13 And you are not going to offer any Ο. 14 other testimony about this document? 15 Α. Correct. 16 Okay. Have you -- have you received Ο. 17 a copy of this document before? 18 Α. Yes. 19 Ο. Did you read it? 20 I -- that one may be -- I think I Α. 2.1 received that recently. I have not read it 22 yet.

Page 213 will offer into evidence 12 U.S.C. Section 4617 1 2. and will read into the record the following subsections of that statute: (A)(1) and (2) 3 and (b)(1), (b)(2)(A) through (D), (G), and 4 5 (H). 6 Did I read that correctly? 7 Α. Yes. 8 Ο. Okay. What is 12 U.S.C. Section 9 4617 in your understanding? 10 Α. I do not know. 11 Okay. Do you know what U.S.C. Q. 12 stands for? 13 Α. United States Supreme Court? 14 0. No. 15 Α. Oh. It stands for United States Code. 16 Ο. 17 That -- so the -- the thing that you are going 18 to testify about here at trial in a couple of 19 months is a -- is a federal statute. 20 U.S. Code Section 4617. It's a part of the 2.1 Housing and Economic Recovery Act of 2008. 22 Were you familiar with that before

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compares Fannie and Freddie's year-over-year comprehensive income for Q1 and Q2 2012 compared to the same quarters in 2011?

- A. It's more -- sorry -- 2008 through 2012 and then 2013 going forward comparing that comprehensive -- comprehensive income of which those guarters would be a subset.
- Q. Okay. So the -- you would -- you are saying that from that graphic it would include the figures that would allow you to draw the comparison that is described here, the year-over-year comparison between Q1 and Q2 2012 versus 2011?
- A. It's -- the way it's presented in the graphic is broader than that. It's years 2008 through 2012 and then 2013 to the present, but that encompasses these quarters we're talking about. But it doesn't directly compare them the way this paragraph does.
- Q. Okay. Do you know anything about why plaintiffs want you to compare the year-over-year comprehensive income for Fannie

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Page 252 and Freddie specifically in the first and 1 2. second quarters of 2012 compared to 2011? MR. BARRY: Objection. Beyond the 3 scope of her testimony as a summary witness. 4 THE WITNESS: I do not know. 5 6 BY MR. JONES: 7 Q. Okay. They didn't tell you, and you 8 didn't ask? 9 Α. That's correct. 10 Ο. Okay. Were you -- were you asked to 11 do any other specific comparisons of comprehensive income in any other quarters of 12 13 any other years besides the first two quarters 14 of 2012 compared to 2011? 15 Α. Not specific quarters over quarters, 16 but as I said, they are encompassed in the 17 broader graphs we put together about 18 comprehensive income from 2008 through 2012 19 versus 2013 though present. 20 The next two paragraphs there 0. Okay. 2.1 in Exhibit 1 identify two more documents that 22 they say plaintiffs' counsel wrote you are

Page 258 1 So you see here there's a section 2. starting around the middle of the page that's labeled "Dividend Obligation on the Senior 3 Preferred Stock"? 4 5 Α. Yes. 6 Ο. And you understand that refers to 7 the Freddie Mac, the senior preferred stock 8 issued to the Treasury Department? 9 Α. Yes. 10 Ο. Okay. And the --11 MR. BARRY: First, objection to the 12 extent because this exceeds her scope of her 13 testimony as a summary witness. We didn't 14 designate this for her to read -- read into the 15 record. BY MR. JONES: 16 17 Q. The second paragraph there says "The 18 payment of dividends on our, " that is Freddie 19 Mac's, "senior preferred stock in cash reduces 20 our net worth." 2.1 And that's -- that's consistent with

your understanding, right, Ms. Hartman?

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Page 279 1 MR. BARRY: I just want to clarify 2. that's -- we're not hiding the ball on that 3 one. MR. JONES: Got it. Yeah, we got --4 5 we got the graphics last week. BY MR. JONES: 6 7 Q. I gather plaintiffs' counsel just 8 told you that they want you to introduce this 9 index into evidence and provide some testimony 10 about it? 11 Α. Yes. 12 Did -- did they tell you anything Ο. 13 about why they want that? 14 Α. No. 15 Okay. So after they asked you to go 0. 16 -- after they -- after they told you about the 17 existence of this home price index, which you 18 had never heard of before, and asked you to --19 they asked you to go do some analysis about it 20 and create some graphics; is that right? 2.1 Α. They introduced us -- us to it and 22 someone from my team pulled the graphic

Page 280 directly from the Case-Shiller website. 1 2. So the -- the graphics that you 3 produced us to us --4 MR. JONES: Can we just pull those 5 up. BY MR. JONES: 6 7 Q. Are your graphics relating to the 8 home price index pulled directly from the 9 website you -- that is, you didn't create them? 10 Α. Exactly. 11 Q. Okay. 12 MR. JONES: Can we just flip to 13 those. 14 BY MR. JONES: 15 Ο. Okay. So this is one of your 16 graphics. This is Exhibit 3 to the deposition, 17 one of your graphics about the Case-Shiller 18 index; is that right? 19 Α. Correct. 20 Q. And then can we scroll down. 2.1 This is another one? 22 Α. Yes.

Page 281 1 Are those the only two? Q. 2. Α. Yes. And these -- these graphics, do I 3 Ο. understand correctly you and your team did not 4 create these? All you did was download them 5 6 or -- or screen shot them from a website and 7 embed them in your list of graphics here? 8 Α. Yes. 9 But on the website you can put in a 10 date range. So once you put in the date range 11 the -- the graphic shows up and you can pull it 12 into and that's what we did. 13 So all you did was plug in a date Ο. range to this website and the website then 14 15 produced this exact graphic, which you have 16 just embedded in your graphics? 17 Α. Correct. 18 Q. Okay. So you didn't -- you did not alter it or manipulate it or summarize it in 19 20 any way. You just took this graph -- this

graphic exactly as the website gave it to you

once you put in the date range, and that's what

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Page 282 1 we're looking at now? 2. Α. Correct. And that's the same for both of 3 Ο. these? 4 Yes, just different date ranges. 5 Α. 6 Ο. Okay. Before this case, had you 7 ever encountered or done any work relating to 8 any other home price index besides the 9 S&P/Case-Shiller? 10 Α. No. 11 Okay. So all of your exposure to Q. 12 and familiarity with home price indexes, both 13 this one specifically and all of them 14 generally, is exclusively from your work on 15 this case for the plaintiffs in the last few 16 months, right? 17 Yeah, this is -- my knowledge of 18 this index is the website and pulling these two 19 graphs directly from that website. 20 0. Okay. Does the website allow you to 2.1 pull different graphs that would show different 22 things other than these two?

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- A. You can change the dates and you can change whether it's run annually, monthly, biannually. I don't know much more than that about how you can change the fields.
- Q. Did -- did you actually do the work of sort of inserting the parameters into the website that produced --

MR. BARRY: Objection.

THE WITNESS: I personally did not, but I looked at it with my team.

BY MR. JONES:

- Q. Okay. But your understanding is that you could insert different parameters, both different date ranges and also other different parameters and the website would produce for you different graphs; is that right?
- A. But they've use the same underlying data. But depending on date ranges or how you want it calculated, it would look differently.
- Q. Okay. And so these charts, these graphs that appear in your graphics here are

Page 284 1 based on the date range parameter and some 2. other parameters that you and your team plugged into the website? 3 No, I believe these both were 4 5 calculated monthly. 6 Ο. Okay. Who made the decision about 7 which date range and other parameters to plug 8 into the Case-Shiller index website to produce 9 these graphs? 10 Α. I believe it was plaintiffs' 11 counsel. 12 Ο. Okay. Did -- did your team actually 13 do this and create these, or did the 14 plaintiffs' counsel create them or just 15 specifically directly how -- to direct you-all 16 how to create them? 17 Α. No, my team created them on the Case-Shiller website. 18 19 Ο. Okay. Your team created these 20 graphs on the Case-Shiller website using date 2.1 range and other para- -- other parameters that 22 were directed to you by the plaintiffs'

Page 285 counsel? 1 2. Α. Yes. Okay. Other than what you mentioned 3 Ο. earlier about what this home price index is, 4 what else do you plan to tell the jury about 5 6 these graphics or otherwise about the Case-Shiller index? 7 8 Just -- like, we just talked about 9 what it is and if asked about what this trend 10 shows. 11 Okay. If -- if asked what this Q. 12 trend shows, what would your testimony be? 13 That beginning in 2007, it's up Α. above 180, it dips down below to -- be -- right 14 15 below 140 in 2012 and then gradually increases 16 into 2022 to above where it was in 2007. 17 Okay. Would it also be fair to say O. 18 that as of early 2012, it -- the trend had been consistently downward since the beginning of 19 20 your date range parameter here? 2.1 Α. Yes. 22 Had been -- it would be fair to say Ο.

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1	A. No, I'm it's a graph.
2	Q. One of the graphics?
3	A. Yes.
4	Q. Okay.
5	MR. JONES: All right. I have no
6	more questions. Thank you for your time this
7	afternoon.
8	THE WITNESS: Thank you.
9	MR. BARRY: This deposition is
10	concluded. Thank you.
11	THE VIDEOGRAPHER: The time is 3:27
12	p.m.
13	We're off the record.
14	(Whereupon, the proceeding was
15	concluded at 3:27 p.m.)
16	
17	
18	
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