



Forensic Document Examination of H. R. Haldeman Notes

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Summary:

On November 18, 2009, the National Archives and Records Administration (NARA) announced that it had convened a forensic document examination team to study two pages of the handwritten notes of Harry Robbins (H. R.) Haldeman, a chief of staff to President Richard M. Nixon, 1969-1973. These notes are among the permanent records in the holdings of the National Archives; and that examination process, as outlined in NARA press release 10-24, is now complete.

The two pages under investigation, designated Government Exhibit 61, U. S. District Court for the District of Columbia Miscellaneous Case 47-73, were purported to have been created during Mr. Haldeman's 11:30 A.M. meeting with President Nixon on June 20, 1972, in the Executive Office Building, three days after the break-in at the Democratic National Committee headquarters. This is the same meeting in which 18½ minutes of tape-recorded conversation between Mr. Nixon and Mr. Haldeman were erased, prior to the White House tape-recorded conversations being turned over to Judge Sirica in response to a subpoena from the Watergate Special Prosecution Force. The specific purpose of further scientific examination of the handwritten notes has been to determine whether there is any evidence that additional notes were taken at the meeting that are no longer part of the original file.

On October 29, 2009, a panel of experts in the areas of forensic document examination, conservation science and imaging met in the offices of the National Archives and Records Administration at College Park, Maryland, in order to evaluate Exhibit 61 and to develop and implement an appropriate course of examination and analysis. Participants included the Treasury Inspector General for Tax Administration Forensic Science Laboratory, the Bureau of Alcohol, Tobacco, Firearms and Explosives Forensic Science Laboratory, and the Library of Congress Preservation Research and Testing Division. In addition to the two pages of handwritten notes of Exhibit 61, the panel evaluated seven pages of handwritten notes from June 19, 1972; five pages of handwritten notes from June 21, 1972; and ten pages of handwritten notes from June 22, 1972; all from the Personal Files (1969-1973) of H. R. Haldeman now among the White House Staff Member and Office Files held by the Richard Nixon Presidential Library of the National Archives.

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On November 19, 2009, hyperspectral imaging (HSI) of the documents was undertaken at the Library of Congress Preservation Research and Testing Division HSI Laboratory in Washington, DC. On December 11, 2009, and January 13, 2010, electrostatic detection analysis (ESDA) and video spectral comparison (VSC) examinations of the documents were undertaken at the Treasury Inspector General for Tax Administration Forensic Science Laboratory in Beltsville, MD. In support of these examinations, high resolution scans of the original documents and of the ESDA results were prepared at the NARA Special Media Preservation Reformatting Division Digital Imaging Laboratory in College Park, MD.

None of these efforts revealed or recovered additional content regarding H. R. Haldeman's 11:30 A.M. meeting with President Nixon in the Executive Office Building on June 20, 1972.

Handwriting inter-comparison undertaken by the forensic document examiners indicated a common authorship among the handwritten notes examined. Hyperspectral imaging and video spectral comparison examinations revealed differences in the black ballpoint inks used to prepare the date and page number, versus main text entries, of Exhibit 61 (June 20, 1972); as well as differences in the blue non-ballpoint [porous-tip pen] inks used to prepare the date or page number, versus main text entries, of notes from June 21 and June 22, 1972. Hyperspectral imaging of Exhibit 61 revealed the set-off or contact transfer of red non-ballpoint [porous-tip pen] ink transcription notations from the front of Page 2 to the back of Page 1; but it was not possible to determine whether this transfer or migration occurred at the time of preparation or over long-term contact in storage. Electrostatic detection analysis of Exhibit 61 revealed the presence of angled, extraneous indented writing, suggestive of a possible signature but otherwise illegible, on Page 2 of the document.

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Attachments (Individual Reports):

Library of Congress Report of Hyperspectral Imaging Examinations of H. R. Haldeman Notes

(Joint) Treasury Inspector General for Tax Administration and Bureau of Alcohol, Tobacco, Firearms and Explosives Report of Forensic Document Examinations of H. R. Haldeman Notes

Background and Preliminary Observations

In reviewing the handwritten notes prepared by H. R. Haldeman during his 11:30 Executive Office Building [EOB] meeting with President Nixon on June 20, 1972, it has been suggested that the two pages contain insufficient content to represent the entirety of the meeting; that the first page describes the initial few minutes of the meeting and the second page describes a discussion consistent with the end of the meeting; and that one or more intervening pages of original notes corresponding to the content of the audio tape erasures may have been removed prior to submission of the materials on subpoena.

Preliminary visual examination of the questioned documents, designated **6/20 “11³⁰ EOB” Page 1** and **Page 2**, yielded the following observations: Each of the two pages originated from a nominal 8.5 x 11 inch top-bound [perfect] tablet of regular-ruled yellow paper. The handwritten entries occur on only one side of each page and appear to be rendered in black ballpoint ink; the first page bears the date 6/20 and the second page is numbered “2.” Additional “strikes” and “check” marks suggestive of transcription notation are present and appear to have been rendered in red non-ballpoint [porous-tip pen] ink. Multiple staple holes are present at the upper left corner of each page.

Indented writing impressions can occur on sheets of paper present below those bearing the original handwritten entries; depending upon specific circumstances, legible images may be recovered from one or more pages below the page bearing the actual entries. Electrostatic detection analysis [ESDA] is an imaging technique that produces positive 1:1 transparencies of indented writing without alteration or contamination of the original documents by the toner or cascading beads used to develop the image. Pre-humidification of a paper document prior to ESDA examination may be undertaken in order to enhance the image development; but this temporary humidification is also not harmful to the document. In the current case, the likelihood of successful ESDA recovery of legible indented writing was enhanced by the following factors: the use of a ballpoint pen; the use of tablet(s) with inherently overlying pages, typically used in direct sequence; and the writing on only one side of a page.

Because more than one nominal 8.5 x 11 inch top-bound tablet of regular-ruled yellow paper was likely in use by H. R. Haldeman at the time the questioned documents were prepared, all of the similar pages present from his 1972 notes dated 6/19, 6/21 and 6/22 were made available for comparison. [No additional pages similar to the questioned materials were present for 6/20.]

These additional known contemporaneous documents were obtained from among the following records: Richard Nixon Presidential Library / White House Special Files / Staff Member and Office Files / H. R. Haldeman / Haldeman Notes / H Notes / Box 45 / Folder 4: April-June 1972 [May 9, 1972-June 30, 1972] Part II.

“Haldeman Notes” dated 6/19 were found to include four sets of handwritten notes that originated from nominal 8.5 x 11 inch top-bound [perfect] tablet(s) of regular-ruled yellow paper: **6/19 “phone KB”** – 1 page, not numbered, no staple holes, all entries in non-ballpoint ink; **6/19 “11³⁰ KB”** – 3 loose pages, second and third pages numbered, multiple staple

holes, all entries in non-ballpoint ink; **6/19 “Shakespeare-Saigon phone to AF1”** – 2 loose pages, not numbered, multiple staple holes, all non-archival entries in non-ballpoint ink; and **6/19 “AF1 to DC”** – 1 page, not numbered, no staple holes, all entries in non-ballpoint ink.

“Haldeman Notes” dated 6/21 were found to include two sets of handwritten notes that originated from nominal 8.5 x 11 inch top-bound tablet(s) of regular-ruled yellow paper: **6/21 “Be sure S. is with Burns”** – 2 stapled pages, not numbered, multiple staple holes, all non-archival entries in non-ballpoint ink; and **6/21 “13³⁰ D econom grp Mon”** – 3 loose pages, second and third pages numbered, multiple staple holes, all entries in non-ballpoint ink.

“Haldeman Notes” dated 6/22 were found to include three sets of handwritten notes that originated from nominal 8.5 x 11 inch top-bound tablet(s) of regular-ruled yellow paper: **6/22 “09³⁰ re the Dem bugging”** – 3 stapled pages, second and third pages numbered, multiple staple holes, all non-archival entries in non-ballpoint ink; **6/22 “Press Conference - Oval Office”** – 6 loose pages, second through sixth pages numbered, holes consistent with only one staple, all entries in non-ballpoint ink; and **6/22 “16³⁰ tell Laird to take pressure off of beef”** – 1 page, not numbered, no staple holes, all entries in non-ballpoint ink.

Numerous “strikes,” “x” and “check” marks, rendered in red non-ballpoint [porous-tip pen] ink and suggestive of transcription notation, are also present among these known contemporaneous documents selected for comparison.

It should be noted that while the environmental conditions of storage and archival access and handling practices for these documents while in NARA custody have been excellent, the documents [especially those held by the District Court] have not necessarily been protected from fingerprints, incidental indented writing, or multiple stapling, un-stapling and re-stapling during their entire history.

In order to determine whether Haldeman’s use of a ballpoint ink writing instrument for his **6/20 “11³⁰ EOB”** handwritten notes is an isolated occurrence, a comprehensive search was undertaken of documents present in the following expanded range: Richard Nixon Presidential Library / White House Special Files / Staff Member and Office Files / H. R. Haldeman / Haldeman Notes / H Notes / Box 45, Box 46, and Box 47; spanning January 1972 through November 1973. None of the documents present among the twenty-three months of corresponding “Haldeman Notes” [handwritten notes that originated from nominal 8.5 x 11 inch top-bound tablets of regular-ruled yellow paper] was found to have been prepared using ballpoint ink.

Inventory of Documents Examined

Government Exhibit 61, U. S. District Court for the District of Columbia Miscellaneous Case 47-73

6/20 "11³⁰ EOB" [2 pages]

Richard Nixon Presidential Library / White House Special Files / Staff Member and Office Files / H. R. Haldeman / Haldeman Notes / H Notes / Box 45 / Folder 4: April- June 1972 [May 9, 1972-June 30, 1972] Part II

6/19 "phone KB" [1 page]

6/19 "11³⁰ KB" [3 pages]

6/19 "Shakespeare-Saigon phone to AF1" [2 pages]

6/19 "AF1 to DC" [1 page]

6/21 "Be sure S. is with Burns" [2 pages; document withdrawal N5 / 173]

6/21 "13³⁰ D econom grp Mon" [3 pages]

6/22 "09³⁰ re the Dem bugging" [3 pages; document withdrawal N6 / 175]

6/22 "Press Conference - Oval Office" [6 pages]

6/22 "16³⁰ tell Laird to take pressure off of beef" [1 page]



6/20

1130 EOB

✓ Around Aug 3-4 =

ok on a weekend at Walkus
if good weather - to get sun etc.

✓ hold higher ed. to Fri.

✓ Gov 50 expressed concern re his election

P. wants ltr to him

~~to indicate make stmt re tourists~~

Dear Gov -

Mr N told me of yr very warm welcome
on what was undrably very sad day for

people of 50 -

the old way of cover yr expense
(re tourist) -

Mr N + I have always had respect
and love for 50 bec. her parents
were married at Leeds 50 who they
loved. They ^{then} moved to Edg New, the
birthplace.

2.

be sure EOB office is thorough check re bugs
at all times - etc.

what is our counter-attack?

PR offensive to top this ---

hit the opposition w/ their activities

pt. out libertarians have created public callous,

do they justify this less than

stealing Pentagon papers, Anderson file etc?

we shld be on the attack - for diversion -

- what is sched on 5R 5A5 hearings?

✓ go to Calif on Fri - w/ PW -
Julie come out later
PW not to the shower

[Faint, illegible handwritten notes on lined paper, possibly bleed-through from the reverse side. A prominent red diagonal line is drawn across the page.]

6/19

phone KB.

~~Haig~~ talked to Conn last nite
Haig ch Emb. reports etc.
so P. can send him a wire occasionally
Maintain contact

✓ ~~trifg~~ book - finished by 8:00 tonite
P. will start on it Tues AM

✓ ~~stay~~ til 3³⁰ - 4⁰⁰ = 7³⁰
have often gone back early

✓ ~~be~~ sure 2 parts 1/2 the Conn phone - Caribena
disc trip
W/ add Caffan at P request
+ report to P. at S.E.
don't know date

✓ ~~also~~ had just met w/ Conn P. 10/12
1/2 the w/ K. - phone to Hawaii

6/19

1130 KB

M long talk w/ B. Graham
 he has him into Wallace - Then Mrs.
 w/ talk to him whenever we want
 our strat - keep Wallace in the Dem party

Act / Jimmy after Dem Conv - I'll talk to Graham
 W. has to decide if he's to be used as spoiler
 (then Melt wld get in)
 esp. to keep this a 2 way race

M / who is going to talk to W - Graham the one?
 what is his price

✓ E need to ream claim stress again re prices
 who can do it?

CS collect the worst smear stuff in N - for a speech
 have a counter attack await to hit them
 i.e. Village Voice etc

CS get out the theme
 our fear of about hit media Dept for Melt
 even more than for Hub -
 as if from book pt'd out
 ∴ forget pt'd
 can't talk what media did to W & for it

2.

Buckley idea - a few Phillips - a task

✓ don't use Tr Tom Cavett etc for interviews
unless we have a real person + real control
shd maintain some scarcity value

✓ M talk to M this wk

needs an exec office - hold details
so his free for decisions

Malik superb - anonymous type

runs good shop - keep stuff off your desk
won't end run, empire build, or build self

✓ for chief of protocol

have a good mgr + superb social grace
shdnt have protocol ride in car w/ guest
all crammed into car w/ wives
for arr. ceremony - dinner - etc

✓ next Cab mtg after ret for Calif - at CD - w/ wives
give feel of campaign
afternoon mtg - dinner - then home
maybe show the documentary

✓ also do C+M at CD - late aft - call + dinner

3.

- ✓ D after Com -
 wif. have to meet w/ politicians
 all the St. Comm - Natl Comm -
 at WH. -
 don't have wives - have souvenir for wives
- ✓ L status of 4 leaf clover souvenir
 + the other I ordered
- ✓ C shed plan to see mist letters that can help us
 betw Coms.
- ✓ M/ devel new own oppstps for sub verses + plan it
 former Cong + Sens
 let them come in - see P - comm. support.
 also Youth letters - etc.
- ✓ H wkt deal w/ K - then receipt at S.C.

6/19.

DECLASSIFIED
E.O. 12356, Sect. 3.4
NSC 14r-1-24-89 F88-1605, 8802553,
88-MPR-309, E88-0320
By AOH NARA, Date 9-13-89
(N4N 88-10)

#11

Shakespeare - Saigon phone to AF1

at Benh's res
last nite mission Abrams & entire 5th
Div. leafletting over NVN

going on now
feel it shld be stopped wing - NOW
nite before last - drop NVN

1 B-52 to drop 8 F4 part 4 F105 part
refuel + rescue units

no sig evid. of effectiveness for any element
5th USAF CIA ml

all agree on this
division of effort, high risk, expense
not worth it in this effort

all agree - incl Amb & Abrams
10 add'l drops sched.

dec. for min. add'l drops shld be taken

over SVN - enemy troops
shld be continued & can be added easily
review re NVN shld be on g.

whether to resume - not whether shld clear
there is major step up of radio
all agree it's effective - shld cont.
leafletting is not worth it, dangerous, diversion

Vogt has mission sched for tonight -
needs order to stop -
he wants it - old use
need order within 3-4 hrs -
direct to Bunker

6/19.

AF1 to DC

on AF1 -

have Simmons on major trips =

go ahead on Abrams & Momen =

6/21

- Be sure S. is w/ Burns

Colo told P. Religo is involved
get the exact charge from Colo
ask Bebe what he knows about these people

⇒ 5 Quad 1 hour
Burns 1/2 hour - you sit in

next week
CEA Cap 5 + E or genl econ. matters
P. wants to get his hand in -

Get get Renfest involved in campaign
esp. to scare people re McG.

full time camera crew for Dems in Fla

main concern is to keep WH out of it

~~Dole:~~

~~attach OB for malicious libel
& guilt by assoc. of WH-P~~

6/21

1330

D econom grp Mon - or Fri aft.

D what time does K. get in.

get the Bebe thing re Jack Anderson

Bebe P. to Calif Fri - P not there til Sun xite
 Bob + Bebe come out - go from Fla Fri
 dinner Fri + Sat xite -
 stay at S.C. Inn

✓ sched Fri aft. - Julia in about 3⁰⁰ - to CD.
 check have econom into Thu.

M old Chot. rule - P believes in strongly
 (Jack Anderson col sd N people traveling
 first class, living high)
 Campaign team must be lean
 in conduct think of self as candidate
 avoid ostentatious appearance
 suites, booze in rooms, fancy restaurants
 just gives opp. ammunition re party of fat cats
 + hard to justify to contribs + vols.

2.

This must add very toughly -
 w/ all campaign staff.
 tighten up org - so it doesn't look fat.
 (and - "here's when the O mill is going")
 need counter attack on MG money - huge spending

every time there's a leak
 charge we're being bugged.
 plant one + discover it.

ck Moore on PR judgment - as well as M + E
 don't panic in the direction of the media

(2 in)

✓ P.C. 3:00 tomorrow
 how cover dom. today + fr. pot. next week

✓ asked Z fr
 how many prime time appearances P has made
 + others covered in news w/ TV this yr.
 + Russia + China coverage

✓ quote re bugging - they were just trying to
 win a Pulitzer Prize.

3.

g of how to hold buying g. -

6/22

0930

~~re the Dem bugging
good reports~~

~~Rehoboth beach -
Morton's place on Chesapeake
place to take Signoria - into the Bay
to swim off the boat~~

~~be sure we write all the mayors
who voted for us
also phone calls to those who spoke~~

~~Clint Eastwood + Bob Stack
both esp. nice to PN.
P. wants to do something for them
how to do something separately~~

~~see the movie The Cardinal~~

~~E strong plank in platform re
aid to parochial schools~~

2.

re platform -

must be rewritten

by editors w/ some zing

Sufin - Buchanan - et al

edit it up to it sites

also develop short form - highlights

What were for - what we're agst.

fighting P that Donlo is writing it

get it sharp - not turgid

not to Roy Price - cause too slow

get Price started now on accept speech
7000 wds. max

write it right after Dems

draft to P. July 22. to review

play the theme

P. as strong - bally - machisimo
vigorous

Challenger - weak - sappy -

supptd by queer way out fringe

Show some excitement on our side

not just dreary record of accomplishment

3.

can't be just matter-of-fact - sincere

~~Hay~~
say this tactical semantic of
agents do stand on own
concomitant to go ahead w/ defense

~~re VN \$ - generalize
must meet mil. cost. of enemy invasion
that's a theoretical fig
based on their duration.~~

Z

6/22 Press conference oval office

- 1 O'Brien said bugs link to WH
 Z + M have stated facts accurately
 WH has had no more whatever
 now under investigation -
- 2 Global food prices - any kind of controls on food
 whole area inflation - good news generally
 food most problem area
 have dir CLC look into this re further action
 esp re meat prices
 - control side - won't work alone
 have world shortage + inelastic demand
 - supply side - quota system
 temp. left quotas on import
 - to
- 3 view of rel b/n off. weapons - budget - SALT
 contrad. b/n SecDef - P-K-R
 in context -
 SecDef has resp prot sec. of US
 SALT w/o off weapons wld jeopardize sec
 1- All agents ^{should} approved on their merits
 esp off. weapons agent in our interest
 large approval of both
 2- after that -
 shld prov adeq off weapons
 in areas we see

2.

reasons

1- if SALT + not weapons

50 up ahead of US in short time
 if US falls to 2nd posit overall
 open invit for instability in world
 & more potential aggression
 esp. Mideast

US must make role of keeping peace
 not in inferior posit

50 has their weapon programs
 & is moving forward
 in areas not controlled

2 - this posit is only the first step & not biggest
 biggest is perm. lim on off weapons
 if US doesn't have ongoing prog
 w/ no chance 50 negot lim.
 they'd have no incentive to limit

∴ Sec Def posit is sound for sec. of US
 SALT alone does not deal w/ total def posture of US

4. Is E correct re dumb & flabby g's (Helen Thomas)
 yk not dumb & flabby
 he ref. to tendency in E Room Conf - g's all over
 P finds smaller sessions better
 - less press of dumb & flabby
 not many soft balls

3

5 how badly want welfare bill - compromise on the 1
of mtgs this wk + next
present plan does it at cost we can afford
fact. sit - unless Admin moves to Pitt et al
of their view - + on merits that's wrong
wld incr. cost of welfare
not in int. of welf. recip.

W'd like to see Fair after bill in final form
intention to stay by an middle point
& it can get by this long
we got Rev Shy cause Dem point sound
want reform - but not even vice in cost

6 the union Dept 400M in temp visas employed + illegal
P. of Mex spoke as it had
does contribute to unempl
asked Dept Labor to examine

7 Court - 1- writup unconst. in dom - ask for legis?
2- org RB under antitrust - up to long- legis?
1- pt out our dom writup not just this Admin
reached high in '63 - re dom see
sharply decr under N Admin
NO need for legis. - we will abide by it
Court allows govt to get court order
doesn't rule out when clear comm
btr for govt.

4.

2 - re BB - don't even know who's in first place
called Mayor Houston - he that re action
no present notes on it

8 reasons for deciding ^{debating} agst Dem opp. this fall
go re campaign, candidacy - etc
not til after Report Com.

9. plans for higher ed bill - sign?
decision tomorrow - ^{over} Abbott calls - mixed another
educ. prov. are recs of this Admin
if old sep. - no g.
Cong added busin prov
no vague + ambig - totally faith to deal w/ him
asked to op. re order in Det
highly doubtful
Wet most flag. examp agst all privs
I believe shld be applied
maine busin - Budget -
Obj of racial bal above qual educ.
this wd mean other cases before school this fall
this puts resp squarely on Cong
moral wd stop this
face v. serious prob this fall
Unless Cong moves on moral

5.

- 10 if veto - what are prop. of sep. bills need + being
have been done, this
propos are doubtful - that's why you call
11. is that a Tenn. Sen?
touched on intg pt -
Cause this will add Tenn
- 12 M decl. to source 10 mill - Ctr vs spirit of law
Z has resp - + Stans - + M
I support Stans point.
it's resp. of all to obey law - totally
if long wanted this happily before date
They'd have made it -
- 13 Fed troops to Miami - were you part of decision - reach
was not part of decision
Pd. of req for local officials
guess: don't think (at least outside (tells))
won't have influence, COO set
youth turned off by this
- 14 prog toward relief prop taxes + fund schools
gent prog of tax reform - commend Mills' ^{high} ~~stability~~
not wise course in election year
intensive study - will be ready for hearing next yr
I'm not pre judge - but incl relief for prop pub. schools
_{committed}

6.

VAT - directed Sec Treas consid it as poss. approval
 only if non retrog formula
 tax reform not cover for tax increase
 have had consid. tax reform in 3 yrs
 recited it.

tax system is hopelessly complex
 mangled in tax law

Travolta asked help - sent him to Langye

15 proposals not fil after 1st of year
 w/ make them before - but not by long fil after

16 using - Const Amendment?
 a step that shld be taken only if leg inad.
 or impossible
 do need action - prefer legis route
 if not up more to amend

17 court martial davell to bring out facts
 Sec Def stated his view - made approp decision

6/22

1630

~~E~~ tell Laird to take pressure off of beef
no annemt. - just do it.
move heavily into lamb, pork, chicken
fish
all rest of Fed estab - quit buying ^{beef} meat
CFL also - see up the stored meat -
put it on the mkt - or use it.
M

~~X~~ PC serves our interest
guidance to Admin
effective way to deal w/ a tough issue

Inventory of Hyperspectral Imaging Examinations

6/20 "11³⁰ EOB" Page 1 Front

6/20 "11³⁰ EOB" Page 1 Back

6/20 "11³⁰ EOB" Page 2 Front

6/20 "11³⁰ EOB" Page 2 Back

6/21 "Be sure S. is with Burns" Page 1 Front

6/21 "Be sure S. is with Burns" Page 1 Back

6/21 "Be sure S. is with Burns" Page 2 Front

6/21 "Be sure S. is with Burns" Page 2 Back

6/21 "13³⁰ D econom grp Mon" Page 1 Front

6/21 "13³⁰ D econom grp Mon" Page 1 Back

6/21 "13³⁰ D econom grp Mon" Page 2 Front

6/21 "13³⁰ D econom grp Mon" Page 2 Back

6/21 "13³⁰ D econom grp Mon" Page 3 Front

6/21 "13³⁰ D econom grp Mon" Page 3 Back

Inventory of ESDA Examination Results

From 11 December 2009

Test Pages – 1 written, 1 latent [“Page 2”]

Test Page [“Page 2”] – ESDA²

6/20 “11³⁰ EOB” [2 Pages]: Examinations prepared using ESDA²

Page 1 – Front – Dry – TIGTA beads

Page 1 – Front – Dry – ATF beads

Page 1 – Back – Dry – TIGTA beads

Page 1 – Front – Humidified – TIGTA beads

Page 1 – Back – Humidified – TIGTA beads

Page 2 – Front – Dry – TIGTA beads

Page 2 – Back – Dry – TIGTA beads

Page 2 – Front – Humidified – TIGTA beads + toner

Page 2 – Back – Humidified – TIGTA beads + toner

Page 2 – Front – Dry – TAD with toner only

Page 2 – Front – Dry – Recharged – TIGTA beads + toner – Multiple cascades

Page 2 – Front – Dry – Recharged twice – TIGTA beads + toner – Dump & sit

6/21 “Be Sure S. is with Burns” [2 Pages]: Examinations prepared using ESDA²

Page 1 – Front – Dry – TIGTA beads + toner

Page 1 – Back – Dry – TIGTA beads + toner

Page 2 – Front – Dry – TIGTA beads + toner

From 13 January 2010

Test Pages – 1 written, 1 latent [“Page 2”]

Test Page [“Page 2”] – ESDA²

Test Page [“Page 2”] – ESDA “1”

6/20 “11³⁰ EOB” [2 Pages]

Page 1 – Front – Dry – ESDA²

Page 1 – Back – Dry – ESDA²

Page 1 – Front – Dry – ESDA “1”

Page 2 – Front – Dry – ESDA²

Page 2 – Back – Dry – ESDA²

Page 2 – Front – Humidified – ESDA²

Page 2 – Back – Humidified – ESDA²

6/21 “Be Sure S. is with Burns” [2 Pages]

Page 1 – Front – Dry – ESDA²



6/20 "11³⁰ EOB"

Page 1 – Front – Dry – TIGTA beads



6/20 "11³⁰ EOB"

Page 1 – Front – Dry – ATF beads



6/20 "11³⁰ EOB"

Page 1 – Back – Dry – TIGTA beads



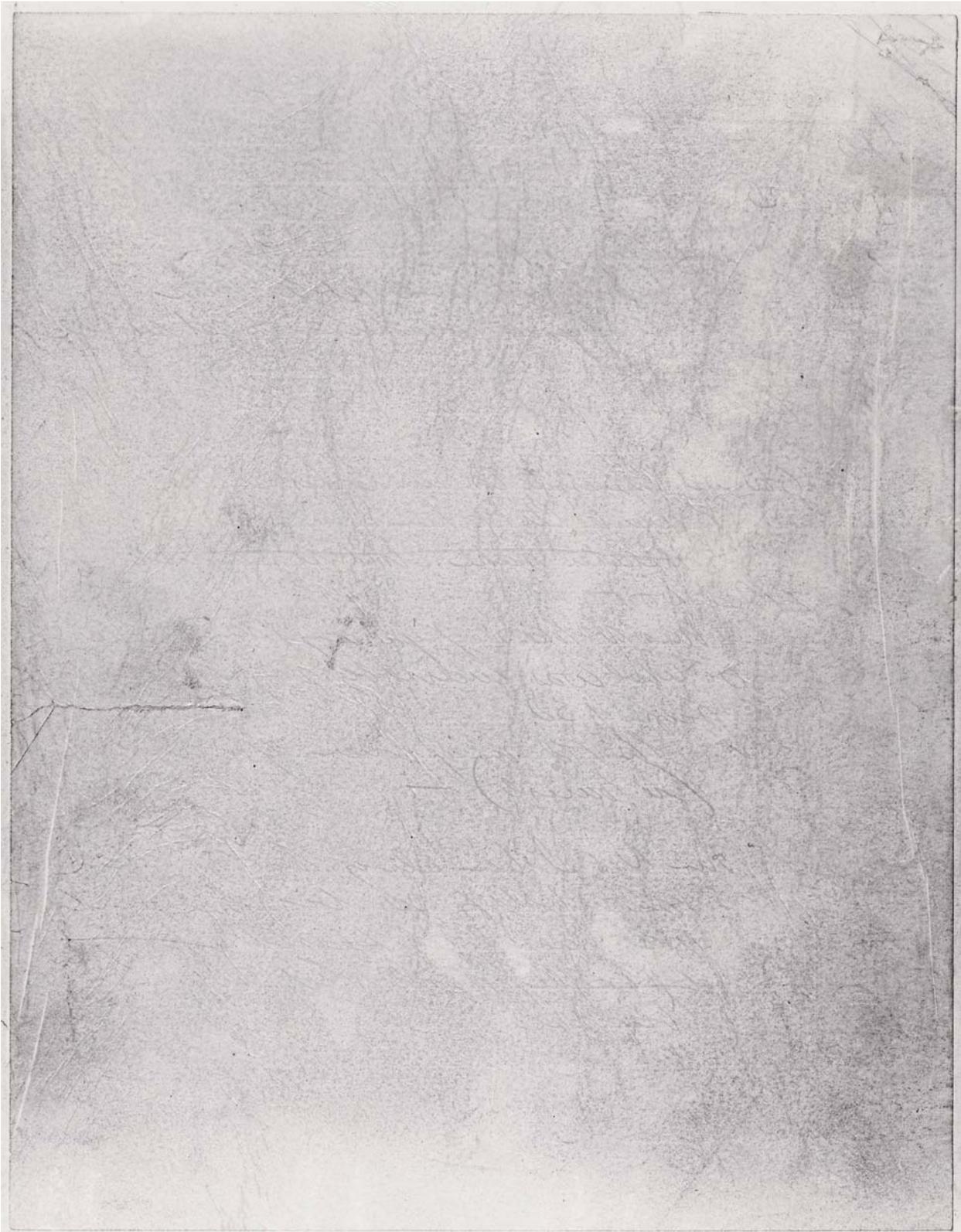
6/20 "11³⁰ EOB"

Page 1 – Front – Humidified – TIGTA beads

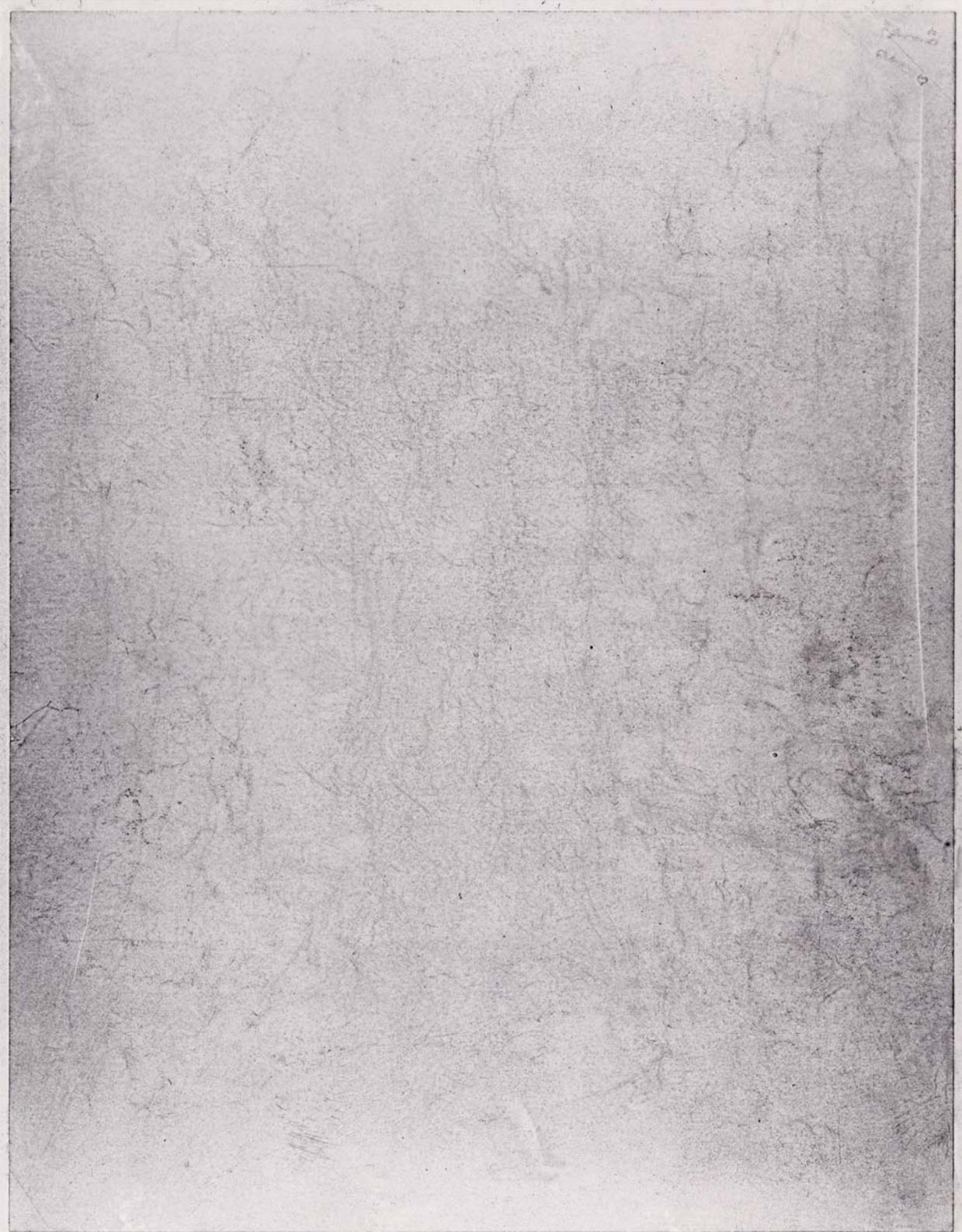


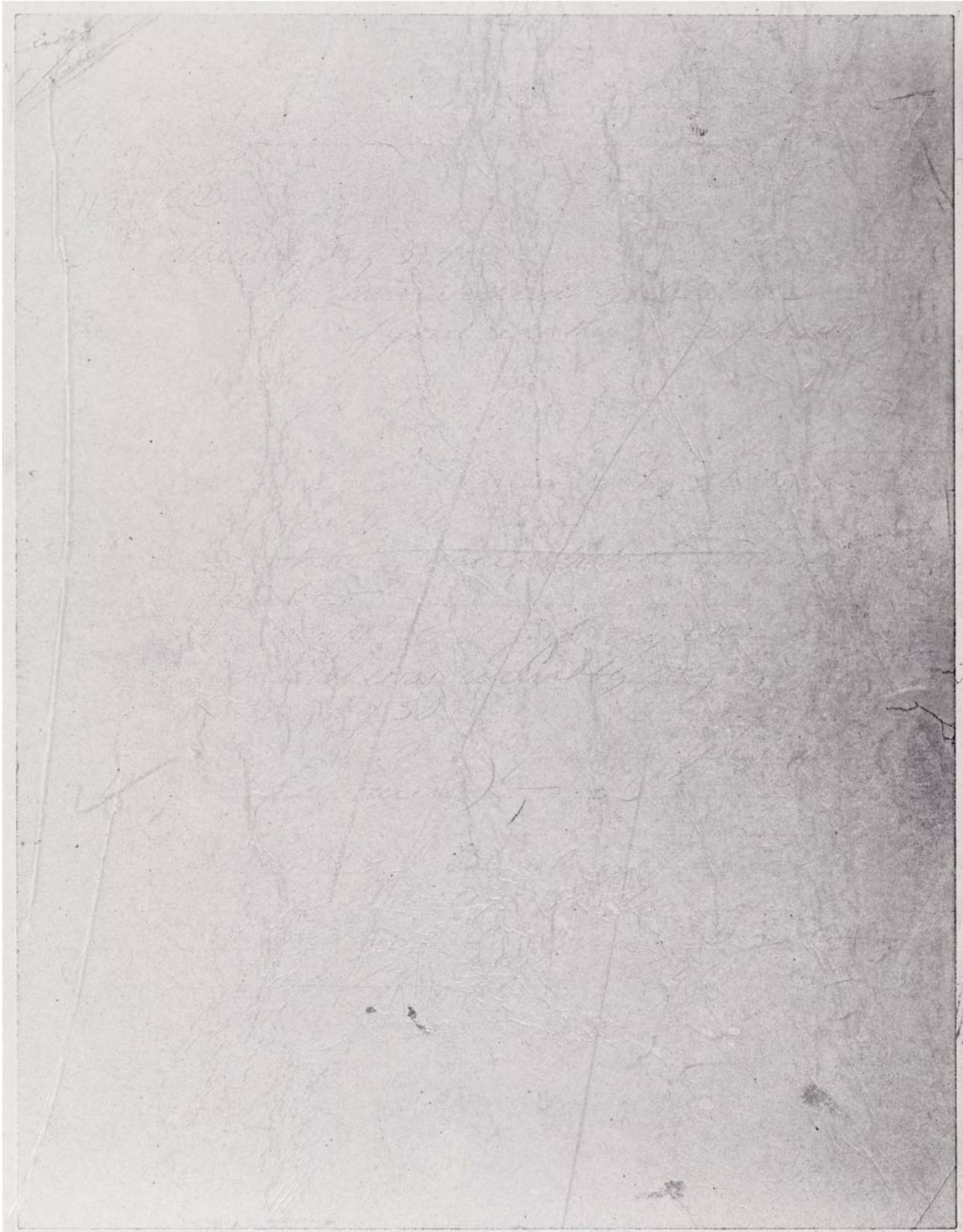
6/20 "11³⁰ EOB"

Page 1 – Back – Humidified – TIGTA beads



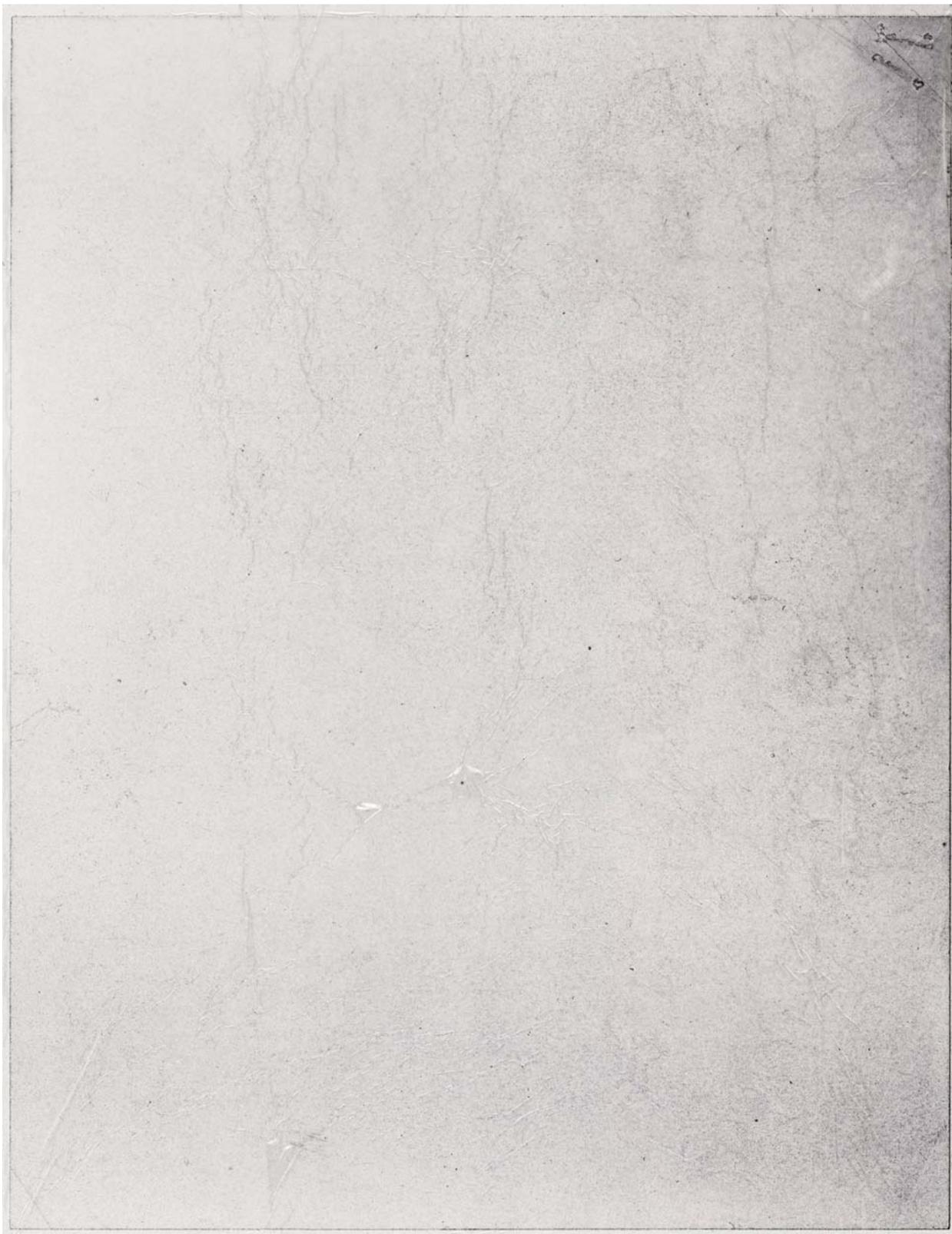






6/20 "11³⁰ EOB"

Page 2 – Back – Humidified – TIGTA beads + toner

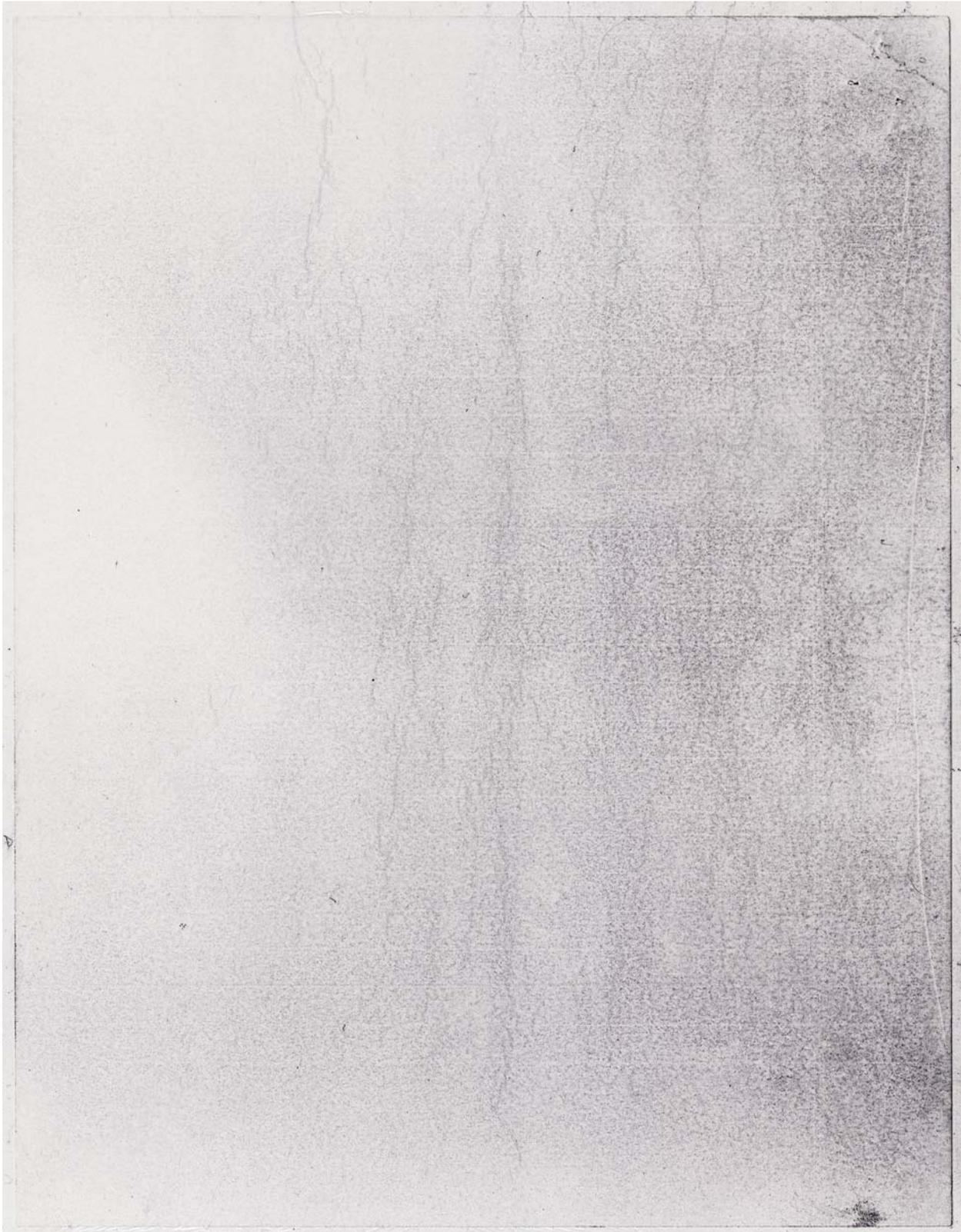


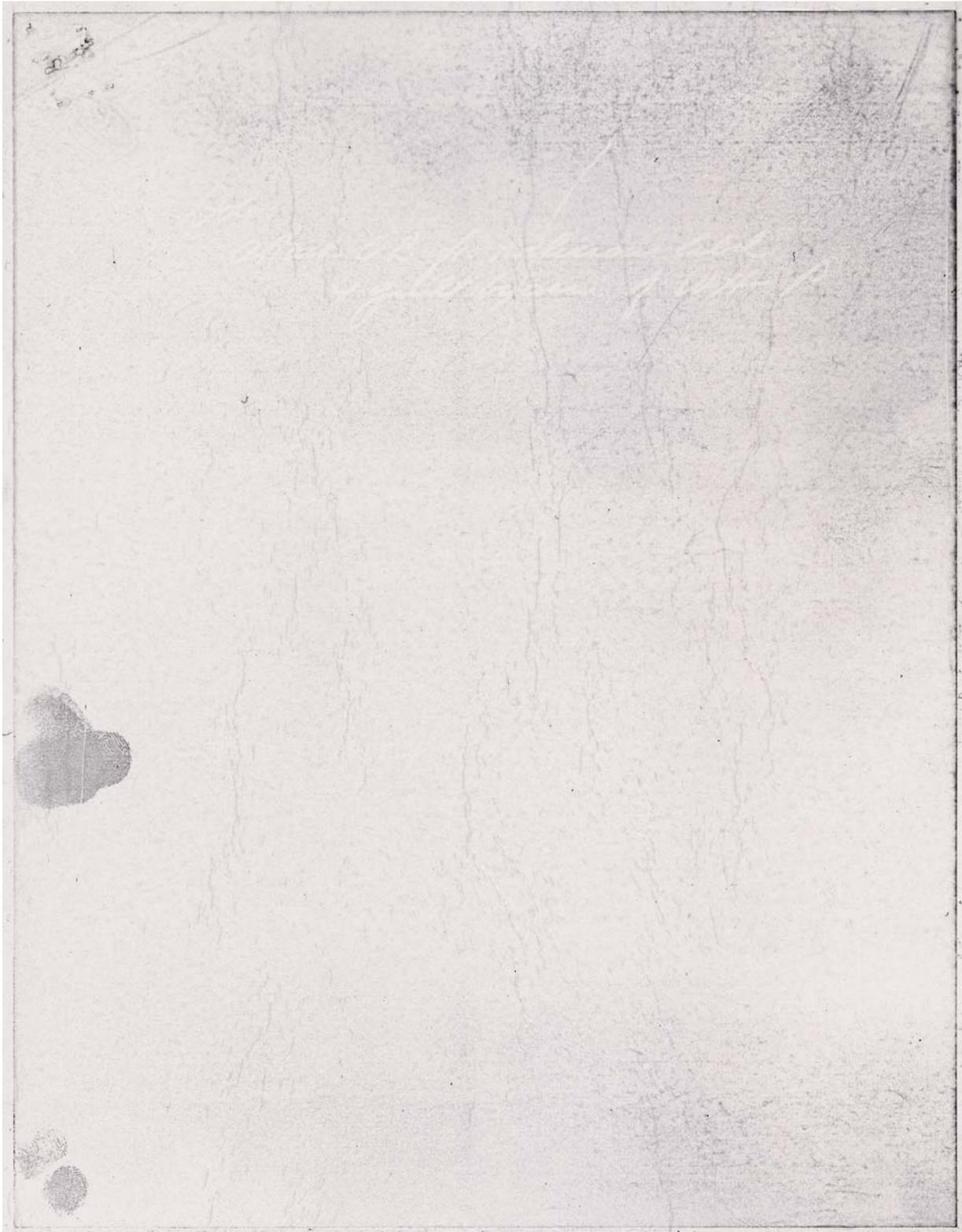


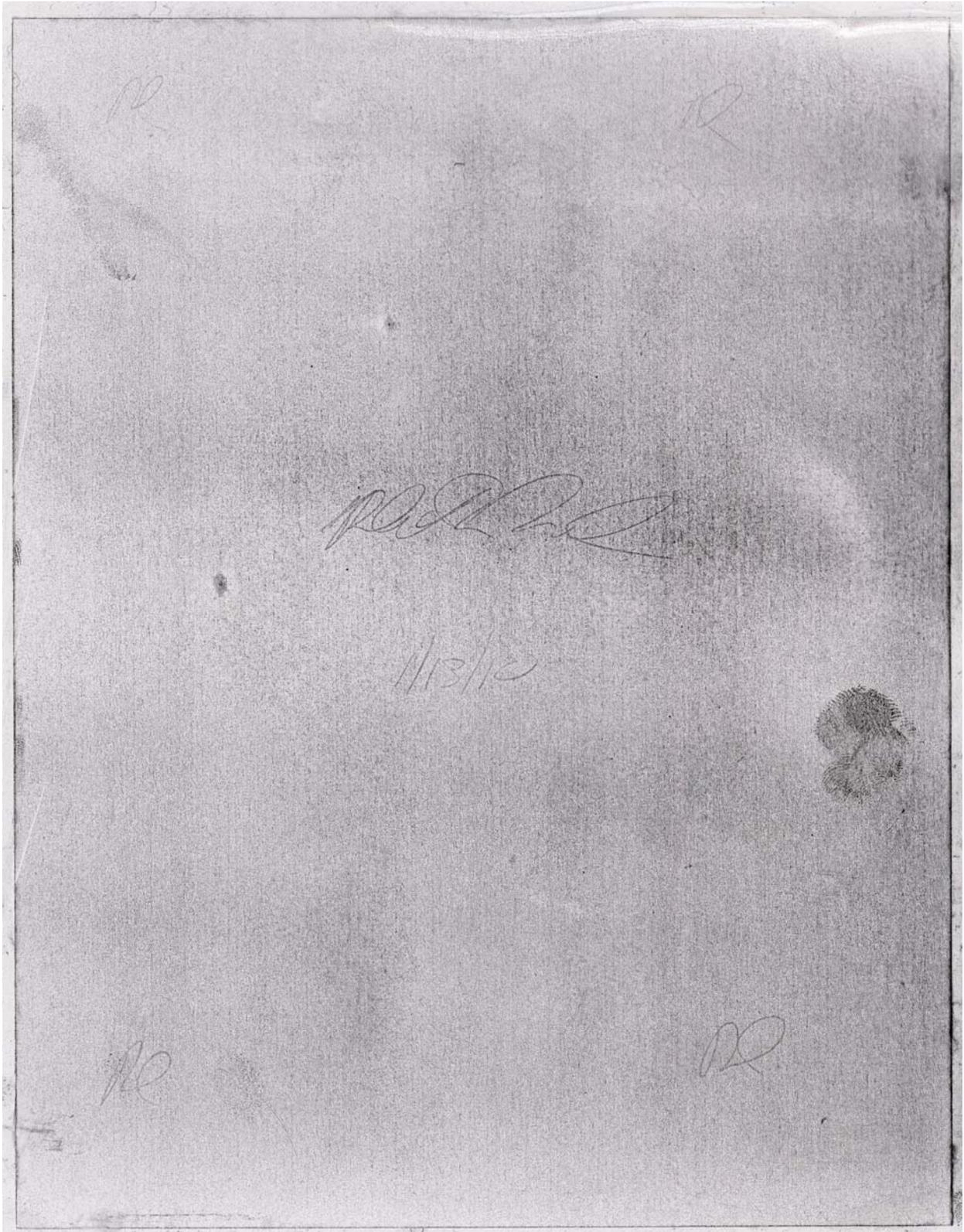




[Faint, illegible handwritten text on lined paper, possibly a letter or memo. The text is mostly obscured by noise and bleed-through.]

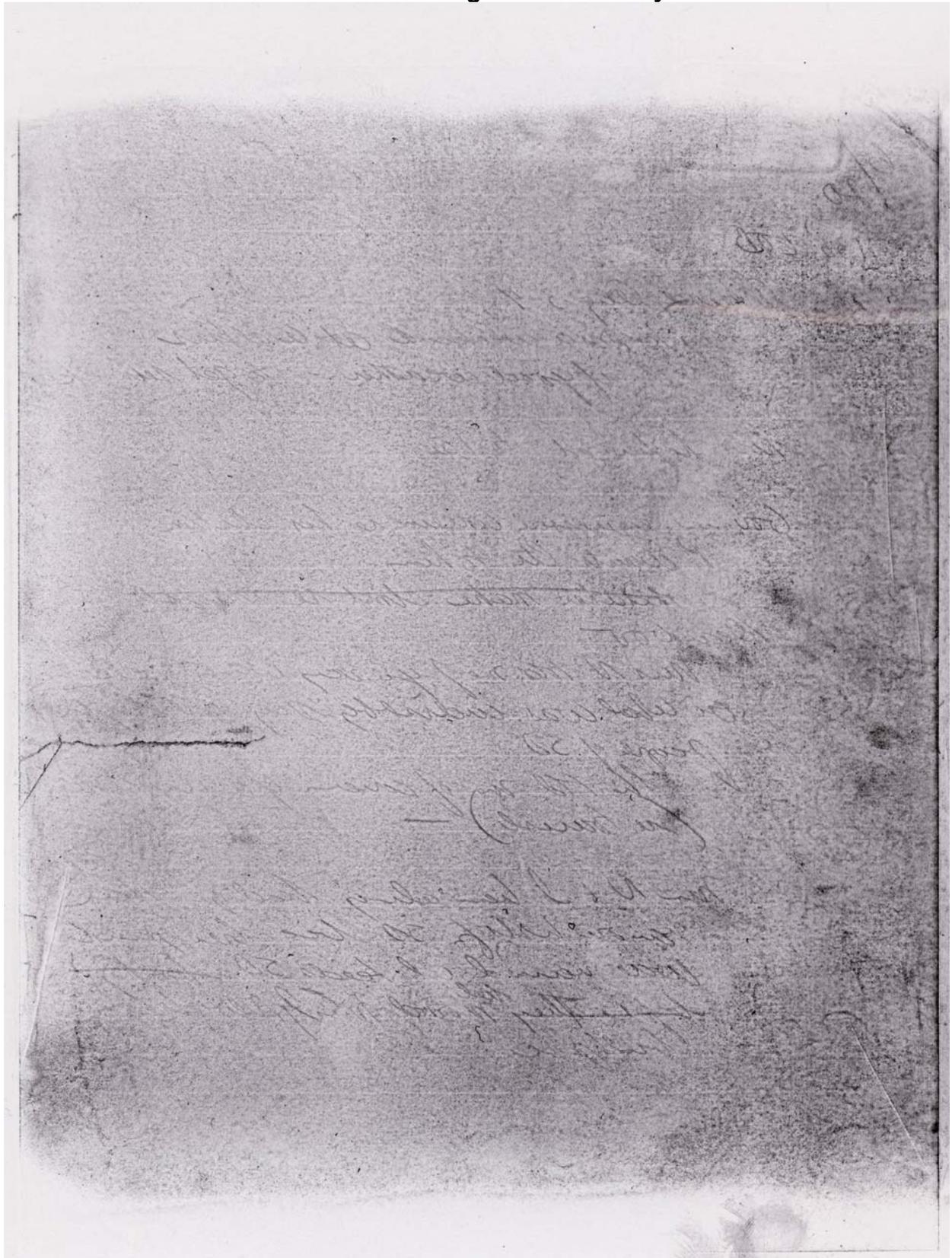




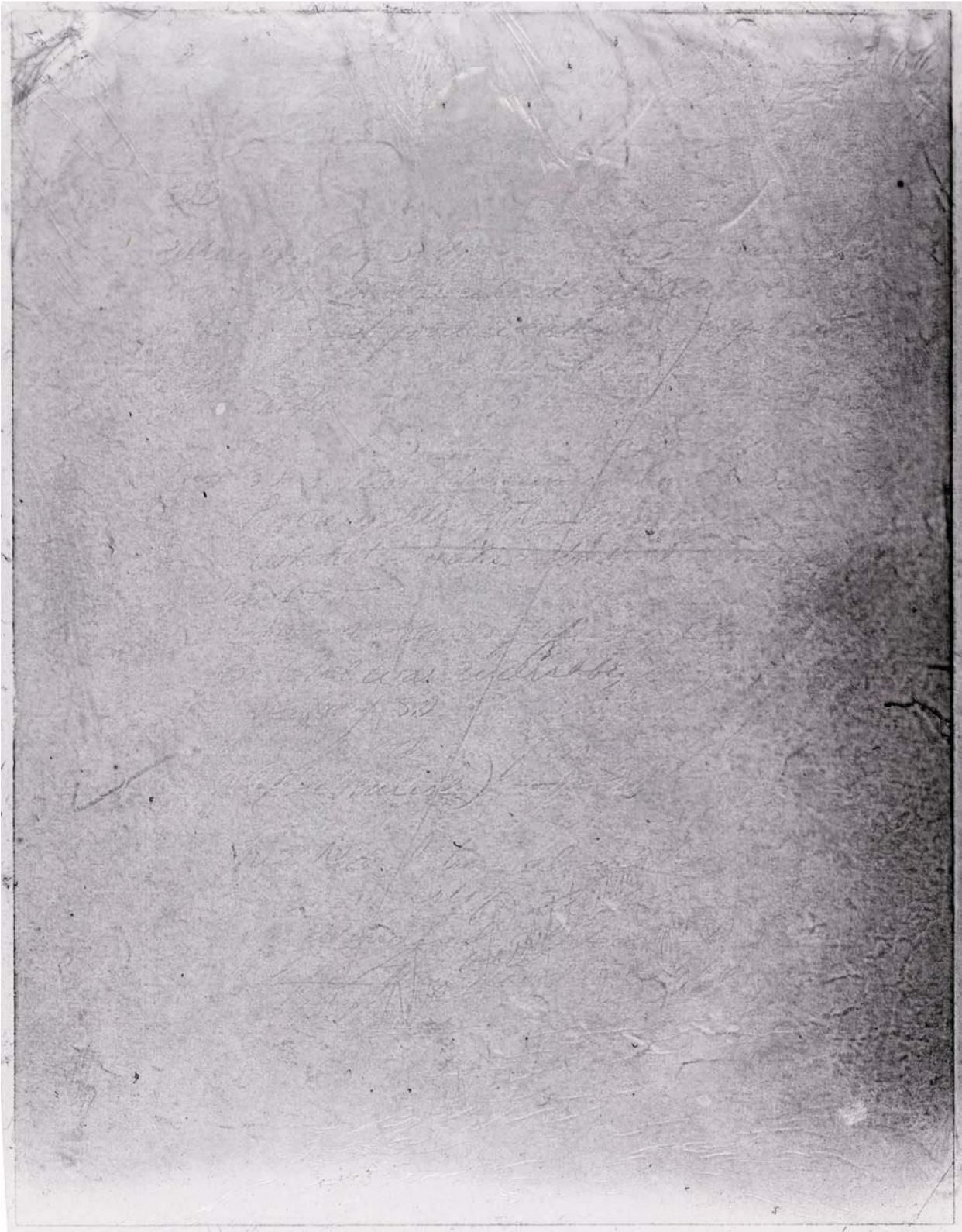


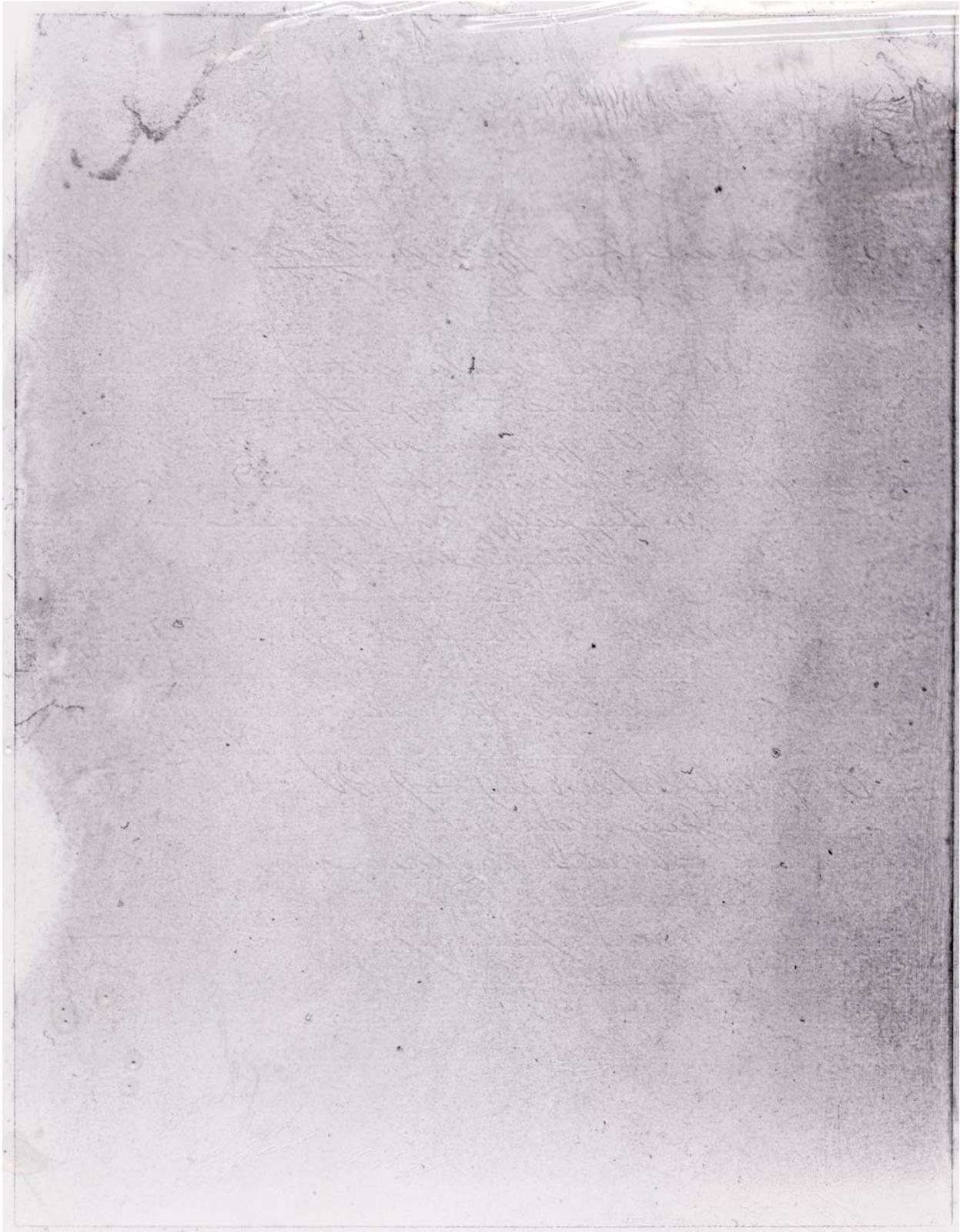






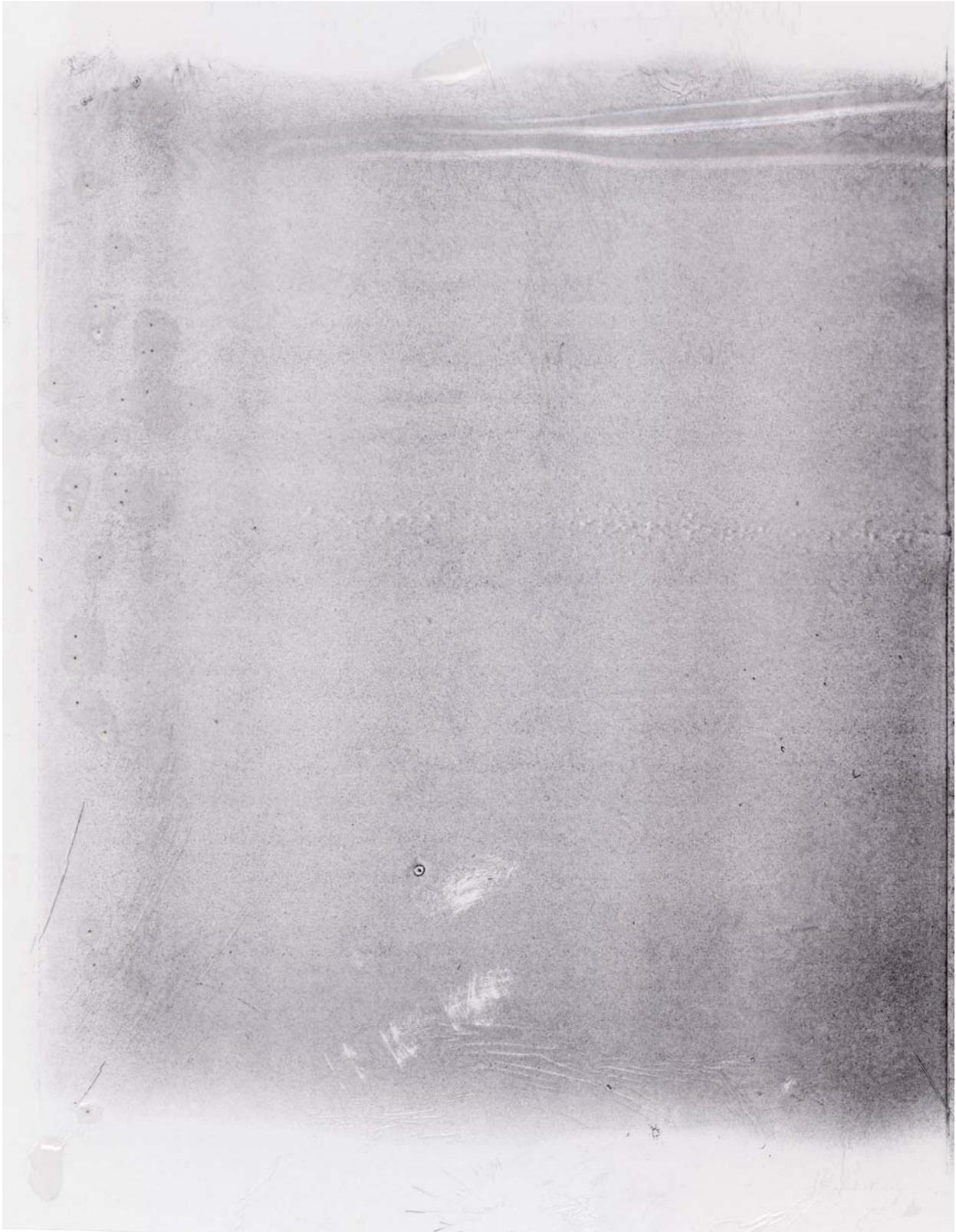






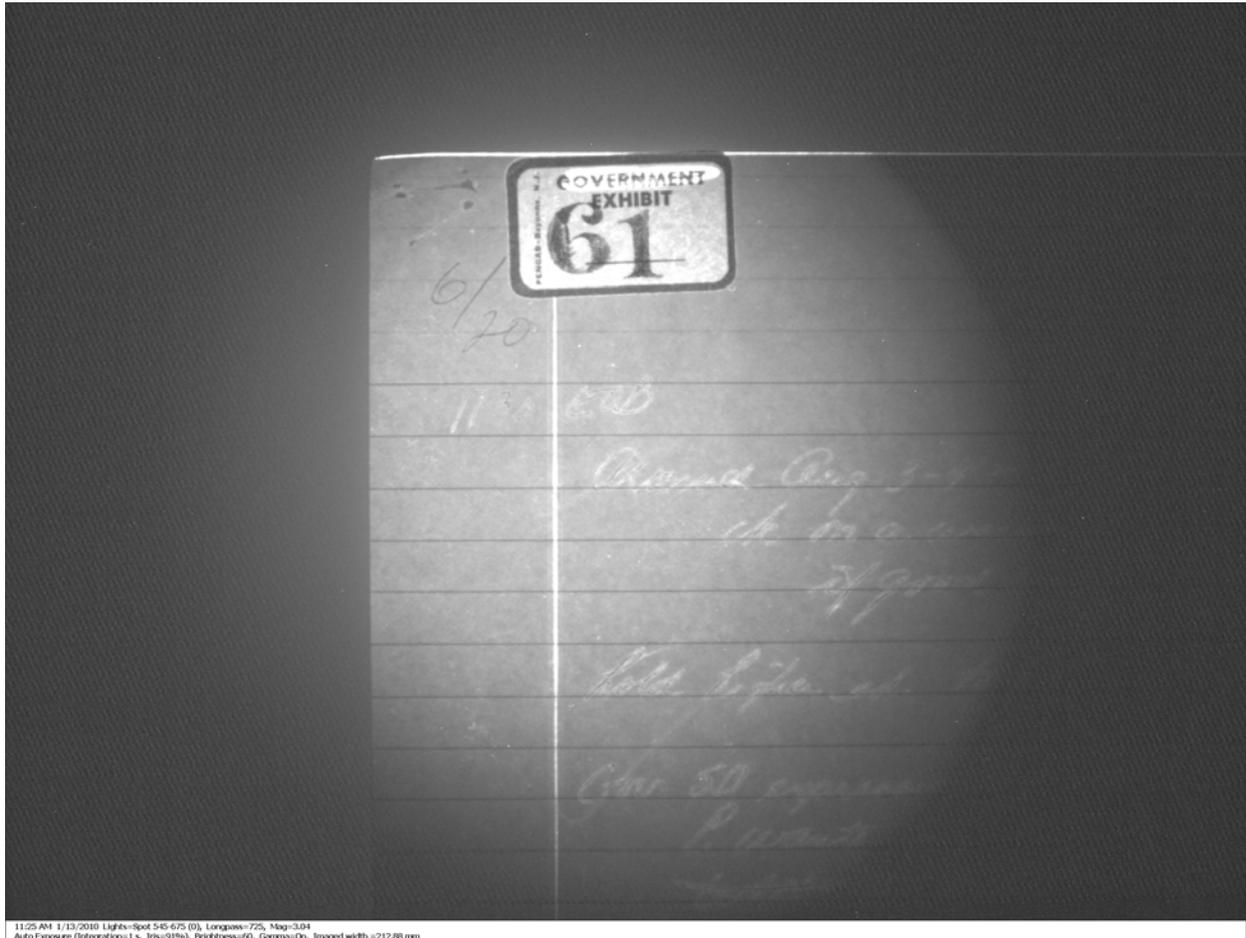
[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page. The text is extremely faded and difficult to decipher.]





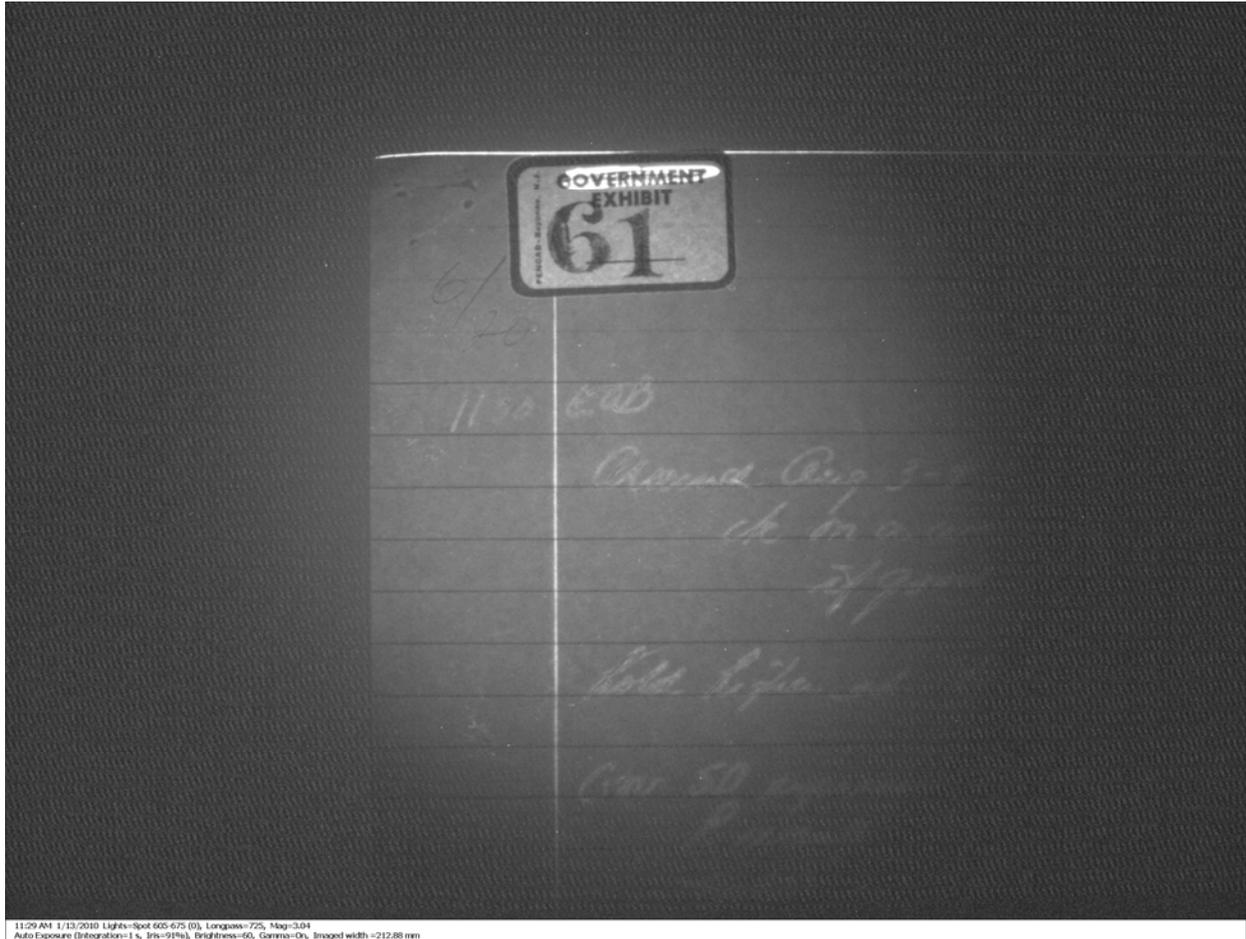
Inventory of Video Spectral Comparison Results

6/20 "11³⁰ EOB" Page 1 Spot Light 545-675 nm [magnification 3.04]
6/20 "11³⁰ EOB" Page 1 Spot Light 545-640 nm
6/20 "11³⁰ EOB" Page 1 Spot Light 605-675 nm
6/20 "11³⁰ EOB" Page 1 Spot Light 445-675 nm
6/20 "11³⁰ EOB" Page 1 Spot Light 515-675 nm
6/20 "11³⁰ EOB" Page 1 Spot Light 545-675 nm [magnification 1.52]
6/20 "11³⁰ EOB" Page 1 Spot Light 585-675 nm
6/20 "11³⁰ EOB" Pages 1 and 2 Spot Light 485-675 nm [magnification 1.73]
6/20 "11³⁰ EOB" Pages 1 and 2 Spot Light 485-675 nm [magnification 2.00]
6/20 "11³⁰ EOB" Pages 1 and 2 Spot Light 585-675 nm [magnification 1.99]
6/20 "11³⁰ EOB" Pages 1 and 2 Spot Light 585-675 nm [magnification 4.50]
6/20 "11³⁰ EOB" Pages 1 and 2 Ultra Violet Light 365 nm
6/20 "11³⁰ EOB" Pages 1 and 2 Spot Light 485-675 nm [magnification 12.08]
6/20 "11³⁰ EOB" Pages 1 and 2; 6/19 "phone KB;" 6/21 "Be sure S." Page 1
Ultra Violet Light 312 nm
6/20 "11³⁰ EOB" Pages 1 and 2; 6/19 "phone KB;" 6/21 "Be sure S." Page 1
Ultra Violet Light 254 nm
6/20 "11³⁰ EOB" Pages 1 and 2; 6/19 "AF1 to DC;" 6/21 "Be sure S." Page 1
Ultra Violet Light 365 nm
6/20 "11³⁰ EOB" Pages 1 and 2; 6/19 "AF1 to DC;" 6/21 "Be sure S." Page 1
Ultra Violet Light 312 nm
6/20 "11³⁰ EOB" Pages 1 and 2; 6/19 "AF1 to DC;" 6/21 "Be sure S." Page 1
Ultra Violet Light 254 nm
6/20 "11³⁰ EOB" Page 2 Flood Light
6/22 "09³⁰ re the Dem bugging" Page 1 Absorption 787 nm

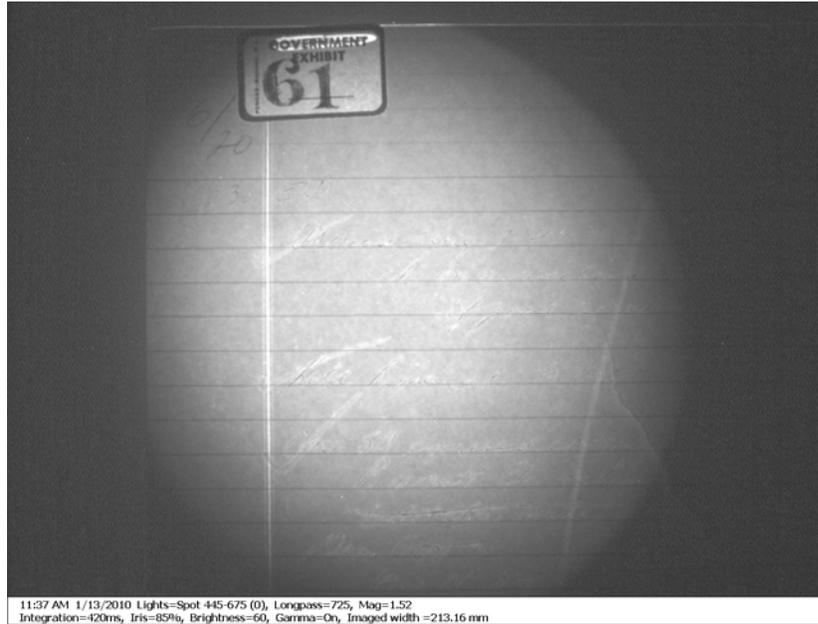


6/20 "11³⁰ EOB" Page 1 Spot Light 545-640 nm

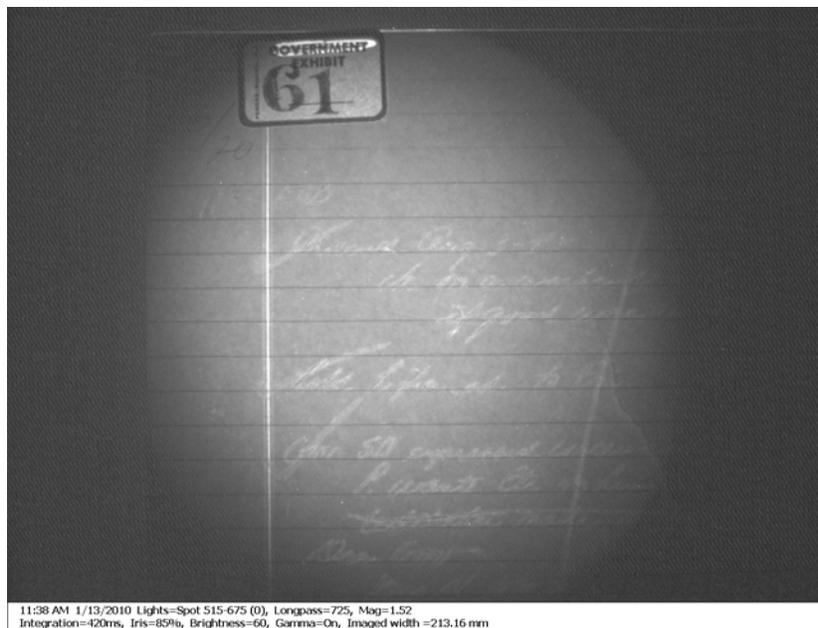




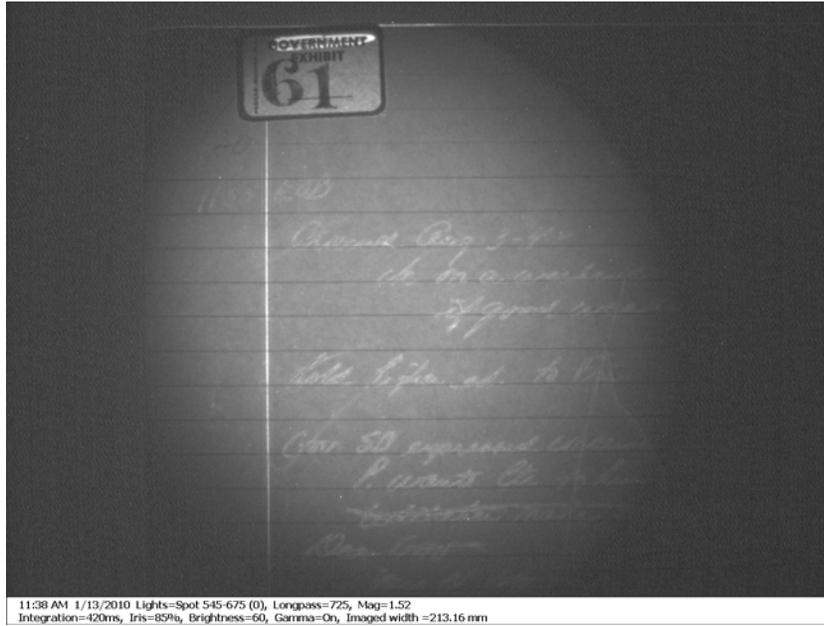
6/20 "11³⁰ EOB" Page 1 Spot Light 445-675 nm



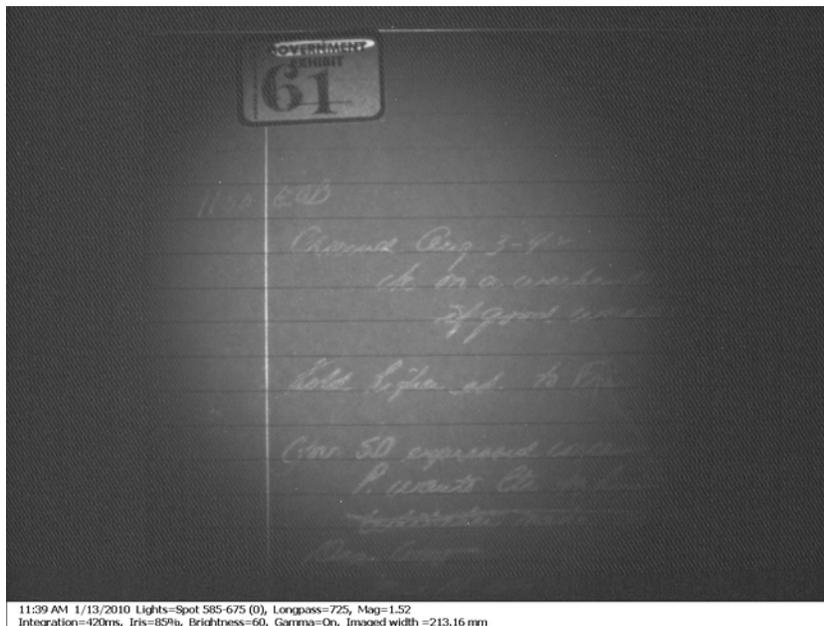
6/20 "11³⁰ EOB" Page 1 Spot Light 515-675 nm



6/20 "11³⁰ EOB" Page 1 Spot Light 545-675 nm [magnification 1.52]



6/20 "11³⁰ EOB" Page 1 Spot Light 585-675 nm



6/20 "11³⁰ EOB" Pages 1 and 2 Spot Light 485-675 nm [magnification 1.73]



6/20 "11³⁰ EOB" Pages 1 and 2 Spot Light 485-675 nm [magnification 2.00]



6/20 "11³⁰ EOB" Pages 1 and 2 Spot Light 585-675 nm [magnification 1.99]

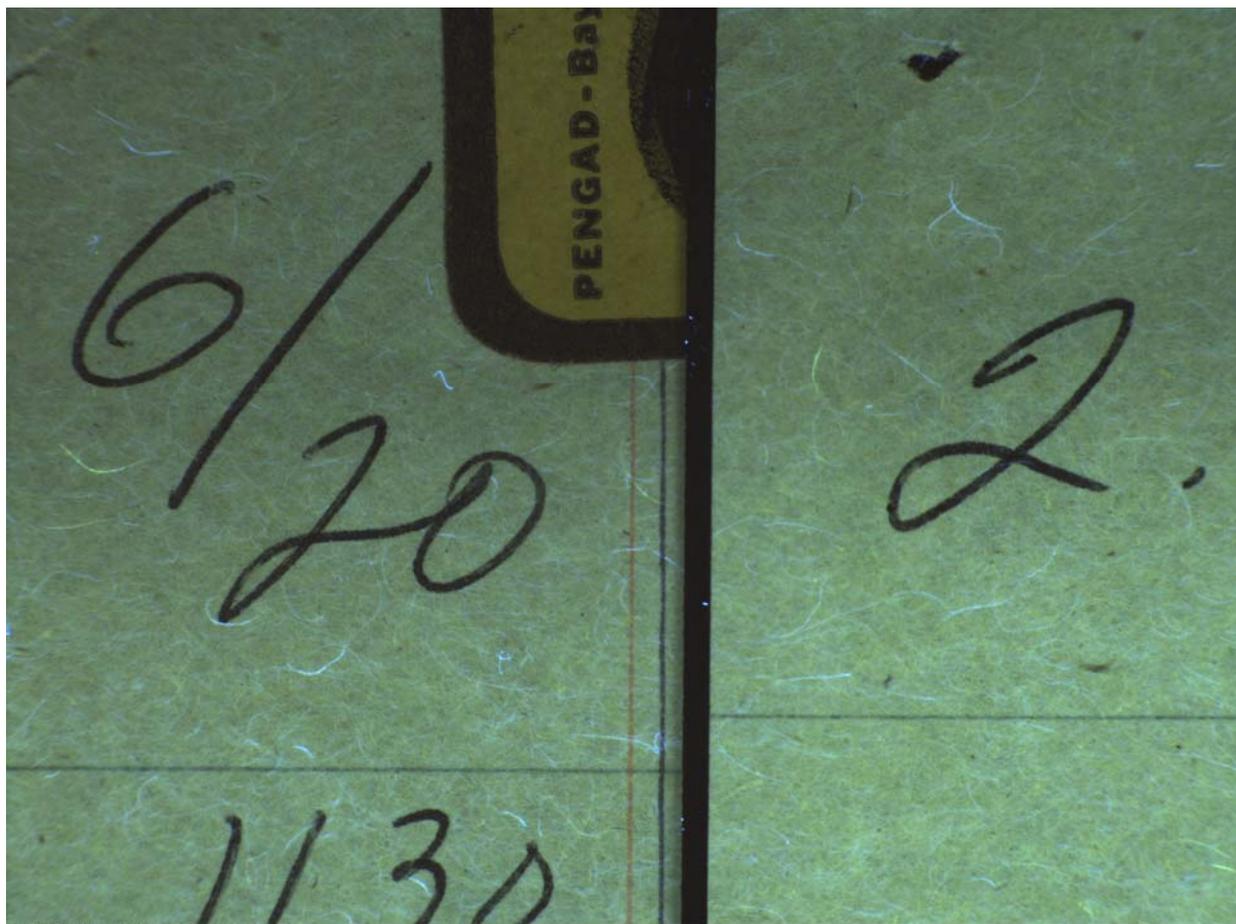


6/20 "11³⁰ EOB" Pages 1 and 2

Spot Light 585-675 nm [magnification 4.50]

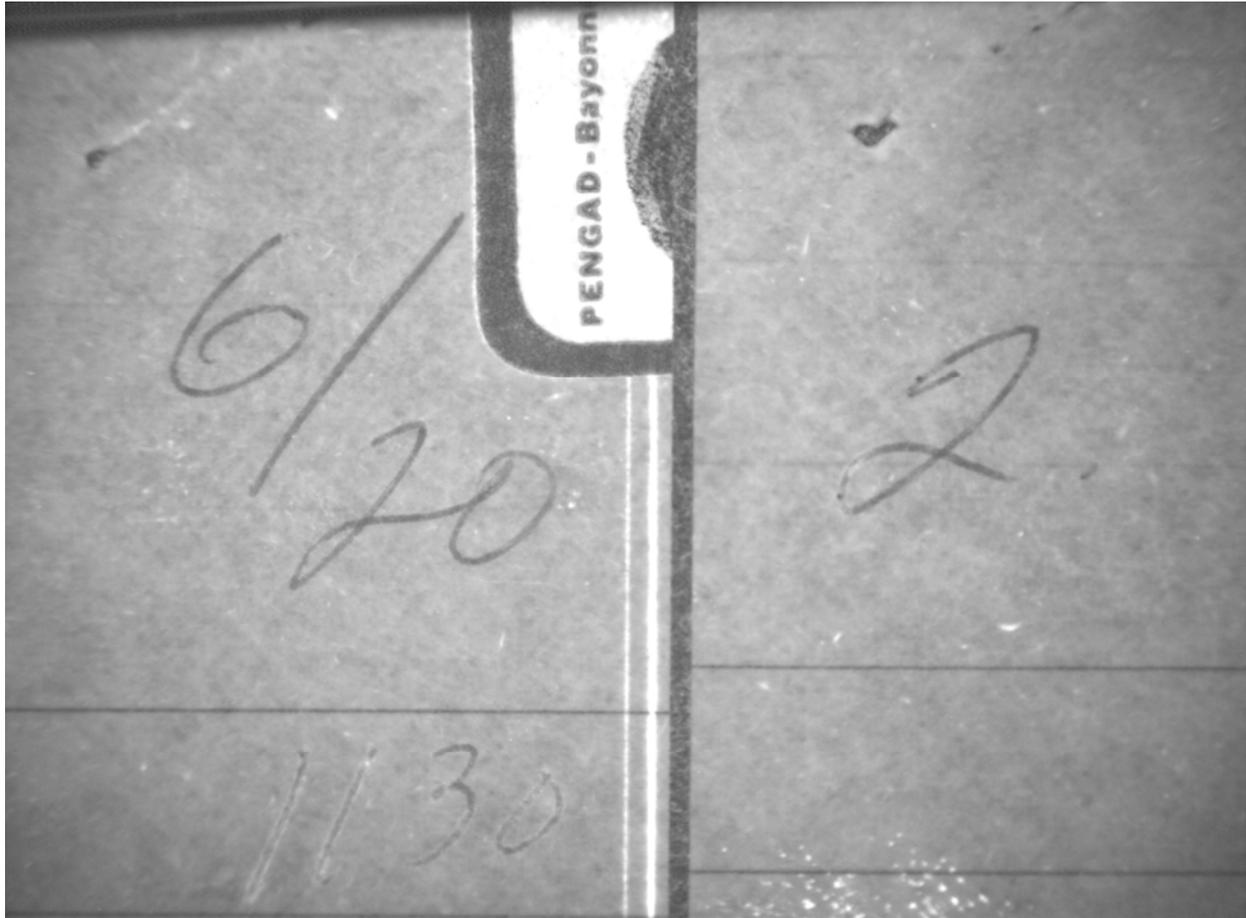


6/20 "11³⁰ EOB" Pages 1 and 2 Ultra Violet Light 365 nm



12:13 PM 1/13/2010 Lights=365nm Ultra Violet, Longows=VTS, Mag=
Auto Exposure (Integration=1 s, Iris=60%), Brightness=65, Gamma=Off, Imaged width = 43.46 mm

6/20 "11³⁰ EOB" Pages 1 and 2 Spot Light 485-675 nm [magnification 12.08]



12:17 PM 1/13/2010 Lights=Spot 485-675 (100), Longpass=725, Mag=12.08
Auto Exposure (Integration=348ms, Iris=91%), Brightness=60, Gamma=On, Image width =53.46 mm

6/20 "11³⁰ EOB" Pages 1 and 2; 6/19 "phone KB;" 6/21 "Be sure S." Page 1
Ultra Violet Light 312 nm



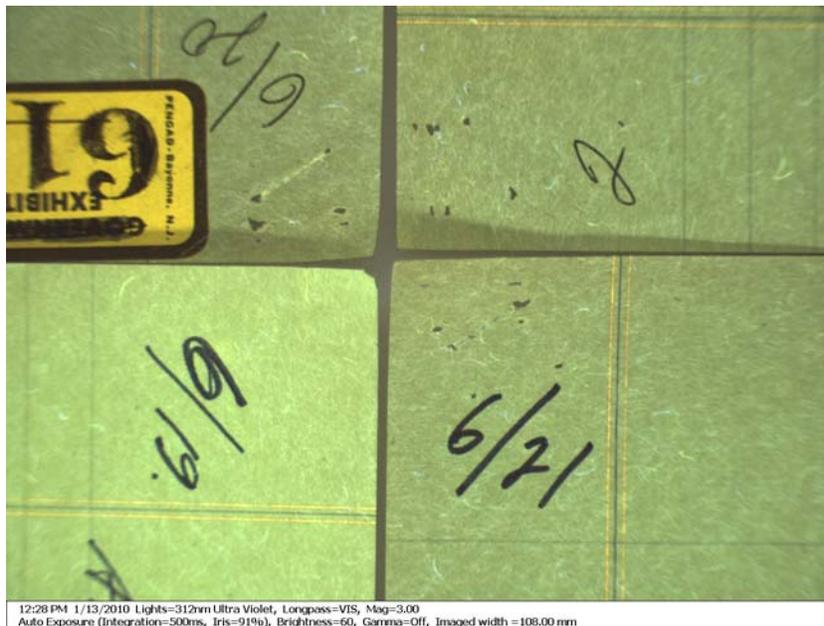
6/20 "11³⁰ EOB" Pages 1 and 2; 6/19 "phone KB;" 6/21 "Be sure S." Page 1
Ultra Violet Light 254 nm



6/20 "11³⁰ EOB" Pages 1 and 2; 6/19 "AF1 to DC;" 6/21 "Be sure S." Page 1
Ultra Violet Light 365 nm



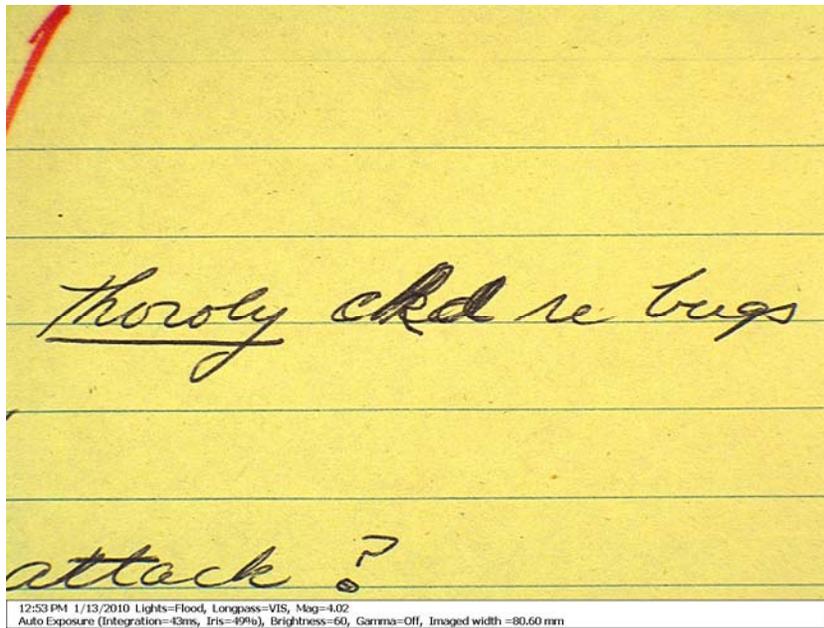
6/20 "11³⁰ EOB" Pages 1 and 2; 6/19 "AF1 to DC;" 6/21 "Be sure S." Page 1
Ultra Violet Light 312 nm



6/20 "11³⁰ EOB" Pages 1 and 2; 6/19 "AF1 to DC;" 6/21 "Be sure S." Page 1
Ultra Violet Light 254 nm



6/20 "11³⁰ EOB" Page 2 Flood Light



6/22 "09³⁰ re the Dem bugging" Page 1 Absorption 787 nm



Participants in the Forensic Document Examination of H. R. Haldeman Notes

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Raesin Caine	Forensic Document Examiner, Treasury Inspector General for Tax Administration
Susan L. Cooper	Director, Public Affairs and Communications, National Archives and Records Administration [NARA]
Fenella G. France	Research Chemist, Preservation Research and Testing Division, Library of Congress
Rick P. Johnson	Senior Forensic Document Examiner, Bureau of Alcohol, Tobacco, Firearms and Explosives
Margaret Ann T. Kelly	Research Chemist, Document Conservation Division, NARA
Robert W. Lesnevich	Senior Forensic Document Examiner, Treasury Inspector General for Tax Administration
Earl A. McDonald	Visual Information Specialist, Special Media Preservation Division, NARA
Martin F. McGann	Deputy Director, Richard Nixon Library-College Park, NARA
David G. Paynter	Archivist, Special Access / FOIA Staff, NARA
Richard T. Taylor	Video Editor / Post Production, LB&B Associates Inc., NARA
Steven D. Tilley	Director, Textual Archives Services Division, NARA