

Worldwide Forensic Services Inc.

A Premier Forensic Document and Fingerprint Examination Lab.



Forensic Examination Report



Forensic Document and Fingerprint
Examination Laboratory

RCMP Accredited and Certified
Fingerprinting Agency

55 Town Centre Court, Suite 642
Toronto, Ontario M1P 4X4 Canada
Telephone: (416) 915-7139
Toll Free: 1-877-799-3722
Direct Line: (416) 901-1898
Fax (416) 546-7773
Toll Free Fax: 1-866-735-1043
www.wwfs.ca
Email: aksingla@wwfs.ca

Dr. Atul K. Singla
M.Sc., Ph.D. (Forensic Sc.), FSSocDip., MFSSoc., CFE
President

May 27, 2011

White Distribution Ltd.
16568 Mount Hope Road
Caledon, Ontario L7E 3K8

Attention: Mr. James White

Supplementary Forensic Report
WWFS File No. 2002A
Re: Signatures of Norval Morrisseau on Paintings

Dear Mr. White:

This is further to my forensic report of August 24, 2010. I have examined additional known signatures purportedly written by Norval Morrisseau with brush and paint on the reverse of two paintings "SACRED MEDICINE BEAR CHANGES" AND "SOARING THUNDERBIRD", hand delivered on May 06, 2011 for an examination.

Examinations Previously Conducted:

The following questioned and known signatures were previously examined and compared. A forensic report was prepared and it was recommended that additional known signatures written with brush and paint on similar writing surfaces may be provided for more conclusive findings. In response to this recommendation, two additional known signatures written with brush and paint on canvas have been provided.

Questioned Signatures:

Q1: Painting titled "SACRED SPIRIT TOTEM" bearing signature "Norval Morrisseau", written with brush and paint on its reverse side.

- Q2: Painting titled "MEDICINE BEAR" bearing signature "Norval Morrisseau", written with brush and paint on its reverse side.
- Q3: Painting titled "THE SPIRITS" bearing signature "Norval Morrisseau", written with brush and paint on its front side.
- Q4: Painting titled "FAMILY OF BIRDS" bearing signature "Norval Morrisseau", written with brush and paint on its reverse side.
- Q5: Painting titled "GREAT MOOSE" bearing signature "Norval Morrisseau", written with brush and paint on its reverse side.
- Q6: Painting titled "THUNDERBIRD" bearing signature "Norval Morrisseau", written with brush and paint on its reverse side.
- Q7: Painting titled "SACRED VISION" bearing signature "Norval Morrisseau", written with brush and paint on its reverse side.
- Q8: Painting titled "SACRED THUNDERBIRD" bearing signature "Norval Morrisseau", written with brush and paint on its reverse side.
- Q9: Painting titled "GREAT THUNDERBIRD" bearing signature "Norval Morrisseau", written with brush and paint on its reverse side.
- Q10: Painting titled "BROTHERS SHARE VISION OF LIFE" bearing signature "Norval Morrisseau", written with brush and paint on its reverse side.
- Q11: Painting titled "WHEEL OF LIFE" bearing signature "Norval Morrisseau", written with brush and paint on its reverse side.

Known Signatures:

- K1: A two-page Letter dated December 30, 1968 bearing a known signature on page # 2.
- K2: A Letter dated January 15, 1965 bearing a known signature.
- K3: Photocopy of a handwritten Note beginning with words "So I will close..." bearing a known signature.
- K4: An autographed book "The Art of Norval Morrisseau" bearing a known signature on the inner title.
- K5: A painting's print titled "Community Development" bearing a known signature written with pencil.

- K6: A painting's print titled "Great Circle" bearing a known signature written with pencil.
- K7: A painting's print titled "Vision to its Soul" bearing a known signature written with pencil.
- K8: A painting's print titled "Images of Nature" bearing a known signature written with pencil.
- K9: A painting's print titled "Ojibway Thunderbird" bearing a known signature written with pencil.

Purpose of the Examination:

The signatures described above and the additional known signatures (labelled K10 and K11), written with brush and paint on canvas were examined in an effort to determine, if possible:

1. Whether the questioned signatures Q1-Q11 and the known signatures K10 and K11 were written by one and the writer?

Examinations Conducted:

1. Visual and macroscopic analysis of the questioned and known signatures.
2. Comparison of the questioned signatures Q1-Q11 and the known signatures K10 and K11 with each other.

Observations and Findings:

The additional known signatures K10 and K11 have been written with brush and paint on canvas like the questioned signatures Q1, Q2 and Q4-Q11. The questioned signature Q3 is written with brush and paint on paper.

The additional known signatures K10 and K11 were compared with each other and with the questioned signatures. This process involved a comparison of the writing features including letter proportions; abbreviations; connections, direction of strokes; freedom of execution; line quality; method of production of letters; overall pressure and pattern of pressure emphasis; size; skill; slant; spacing; speed and range of variation.

The comparison showed significant similarities in the writing characteristics, some of which are detailed and marked on illustrative chart numbers 36 to 46.

In addition to the similarities detailed on the illustrative charts, the questioned and known signatures also have similarities in the writing features detailed below:

1. The questioned signatures and the known signatures reveal similar order of writing skill and muscular co-ordination.
2. The questioned signatures and the known signatures reveal moderate writing speed and gradation in the writing pressure.
3. The relative position of words "Norval" and "Morrisseau" in the questioned signatures Q1, Q2 and Q4-Q11 is similar to the relative position of these words in the known signature K10 and K11.
4. The apex of the right shoulder of letter "M" is placed at a higher level than the apex of its left shoulder.
5. The letters in these signatures have similar combinations i.e. letters "N", "o", "R" and "v" in word "Norval" are written separately, whereas the letters "a" and "l" in this word are connected with each other. Similarly, the letters "M", "o", "R", "i" and first "s" in the second word are written separately, whereas the remaining letters in this words are connected with each other.
6. Letter "n" in the questioned signatures and the known signatures K10 & K11 is written in two operations with a similar angular turn at the apex of the left staff.

Please refer to the enclosed photo charts for these observations.

Conclusion:

Examination and comparison of the questioned and known signatures as described in detail in the report and on the illustrative charts lead to the following conclusion:

1. The questioned signatures Q1-Q11 and the known signatures K10 and K11 were written by one and the same person.

Disposition of the Paintings:

The original paintings submitted for the examination are being returned along with this report.

Attachments to Report:

1. Fourteen illustrative charts

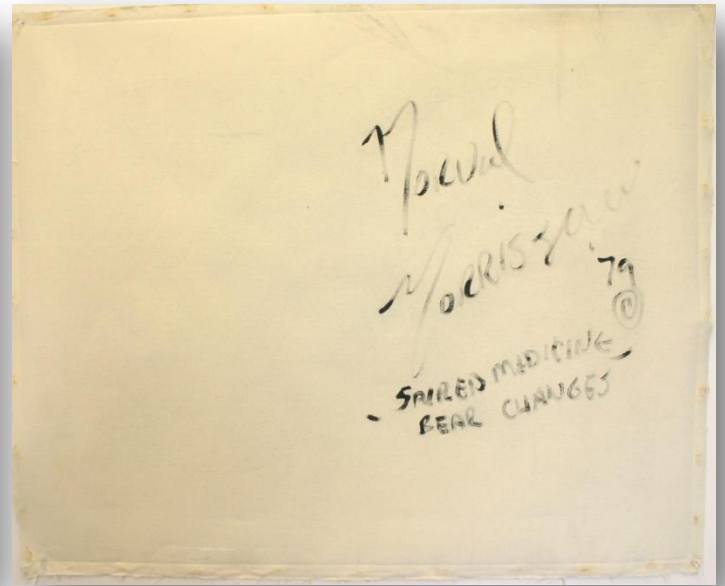
Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Atul K. Singla', with a long horizontal stroke extending from the bottom of the signature.

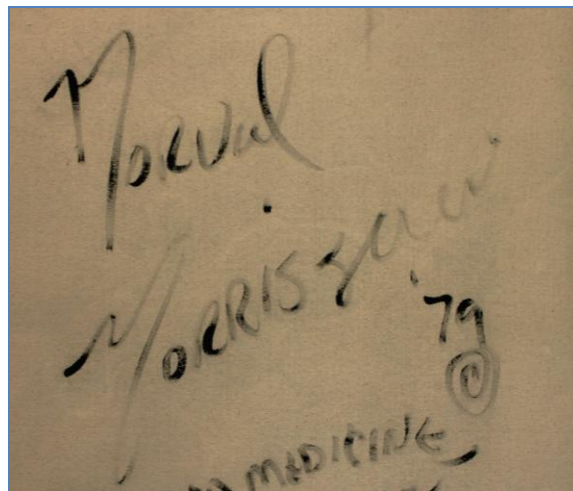
Atul K. Singla M.Sc., Ph.D. (Forensic Science)
Forensic Document Examiner

Illustrative Charts

ILLUSTRATIVE CHART # 34
(WWFS 2002A)

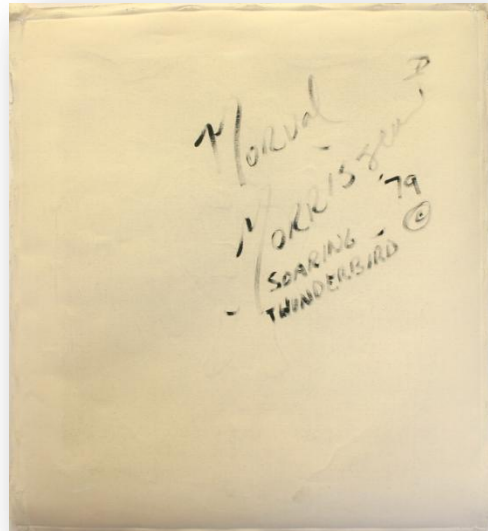


SACRED MEDICINE BEAR CHANGES

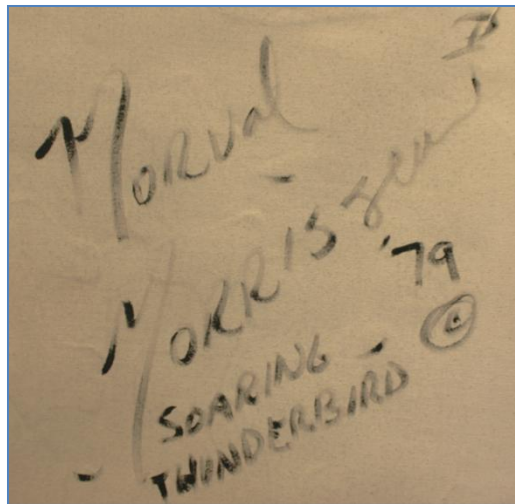


Known Signature-K10

ILLUSTRATIVE CHART # 35
(WWFS 2002A)



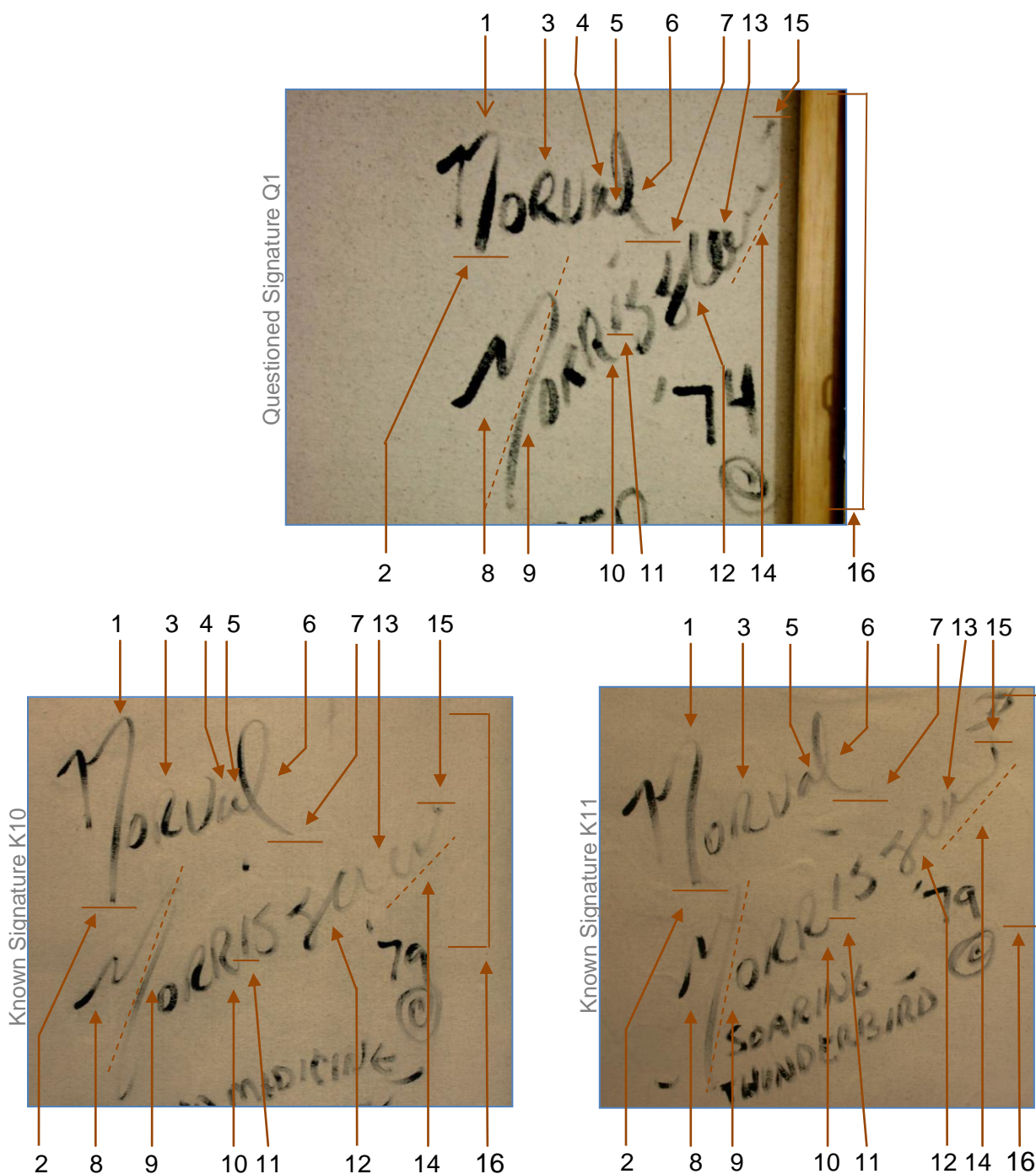
SOARING THUNDERBIRD



Known Signature-K11

ILLUSTRATIVE CHART # 36

(WWFS 2002A)

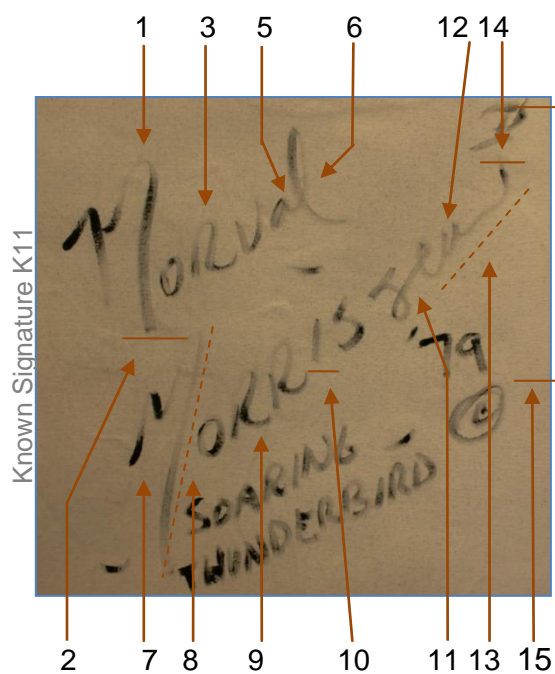
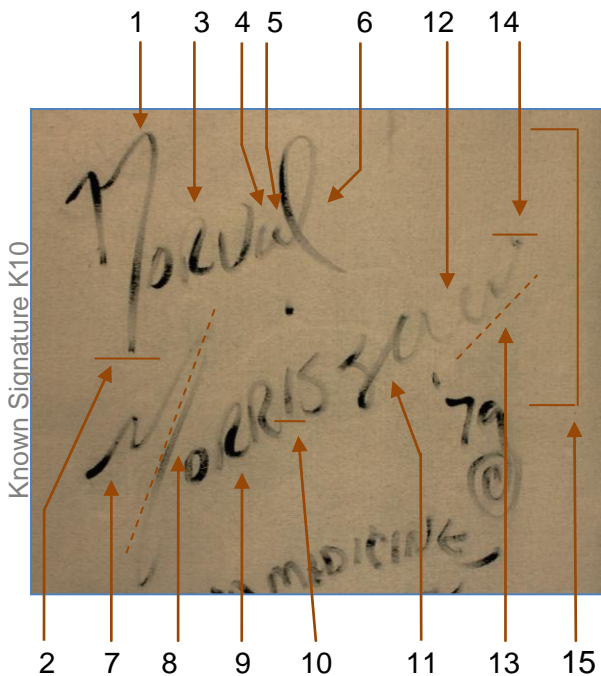
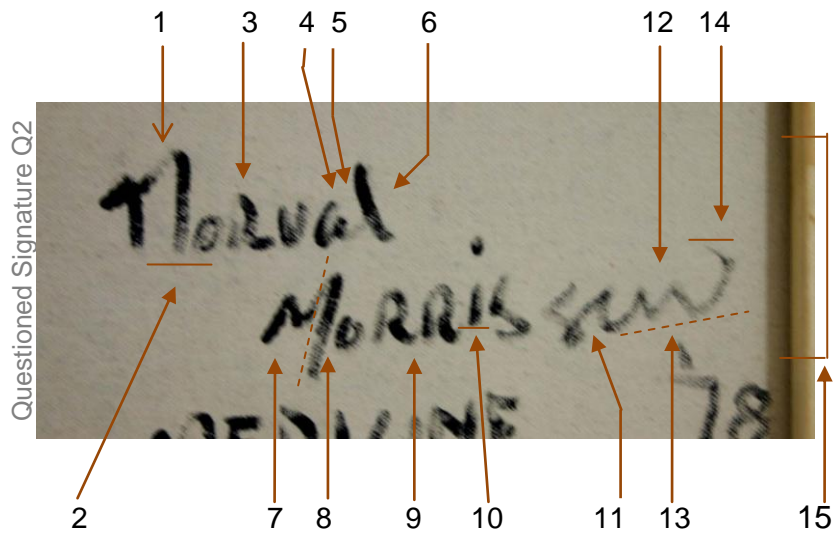


Significant similarities are shown in brown. Variations are shown in green.

- (1) The use of lower case "n". (2) The terminal of letter "n" extends beyond the baseline of its left arm
- (3) Uppercase formation of letter "R". (4) Letter "a" is written with an open body (incomplete oval)
- (5) Letter "a" is continued to form letter "l". (6) Letter "l" is written with similar curved body
- (7) Terminal of letter "l" goes below the baseline of preceding letter "a". (8) Similar formation of letter "M".
- (9) Letter "M" is more slanted than letter "n". (10) Similar curved terminal.
- (11) Higher placing position of letter "i" than the baseline of letter "R". (12) Letter "s" continues to form letter "e".
- (13) Open body of letter "a". (14) Letters written in continuity and showing abbreviations
- (15) The right shoulder of letter "u" is placed higher than the left shoulder. (16) The signatures show natural writing flow. There are no hesitations in the act of writing.

ILLUSTRATIVE CHART # 37

(WWFS 2002A)

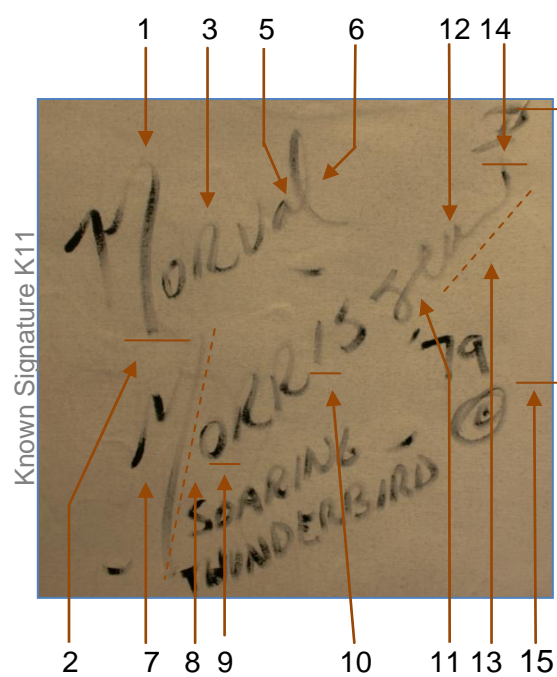
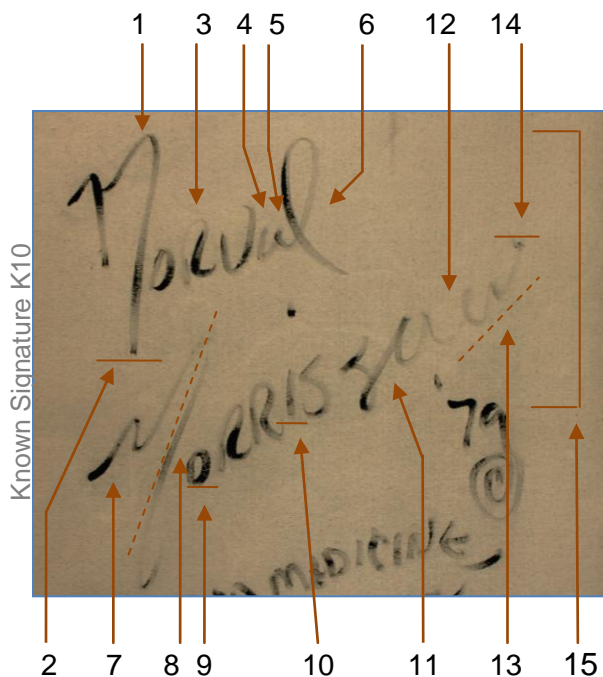
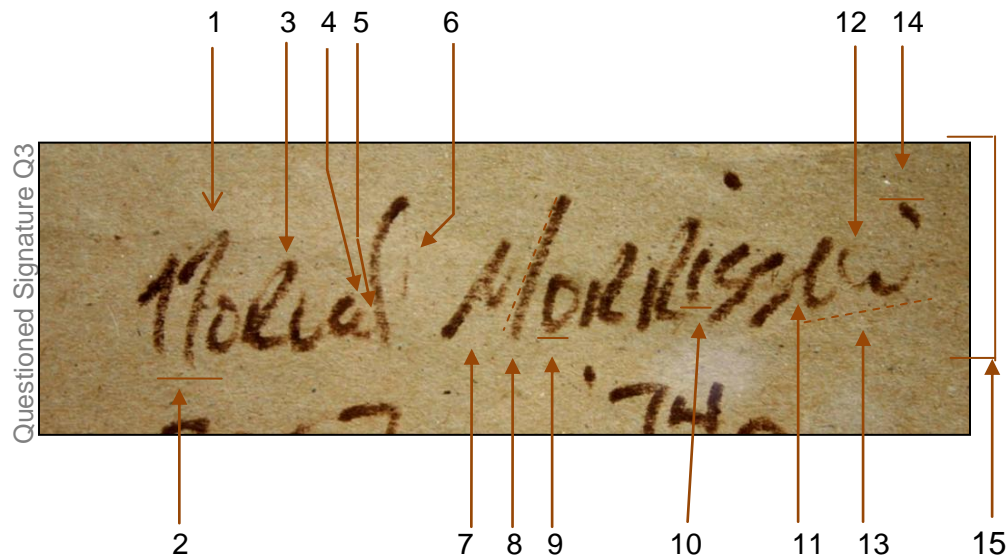


Significant similarities are shown in brown. Variations are shown in green.

- (1) The use of lower case "n". (2) The terminal of letter "n" extends beyond the baseline of its left arm
- (3) Uppercase formation of letter "R". (4) Letter "a" is written with an open body (incomplete oval)
- (5) Letter "a" is continued to form letter "l". (6) Letter "l" is written with similar curved body
- (7) Similar formation of letter "M". (8) Letter "M" is more slanted than letter "n". (9) Similar curved terminal.
- (10) Higher placing position of letter "i" than the baseline of letter "R". (11) Letter "s" continues to form letter "e".
- (12) Open body of letter "a". (13) Letters written in continuity and showing abbreviations
- (14) The right shoulder of letter "u" is placed higher than the left shoulder. (15) The signatures show natural writing flow. There are no hesitations in the act of writing

ILLUSTRATIVE CHART # 38

(WWFS 2002A)

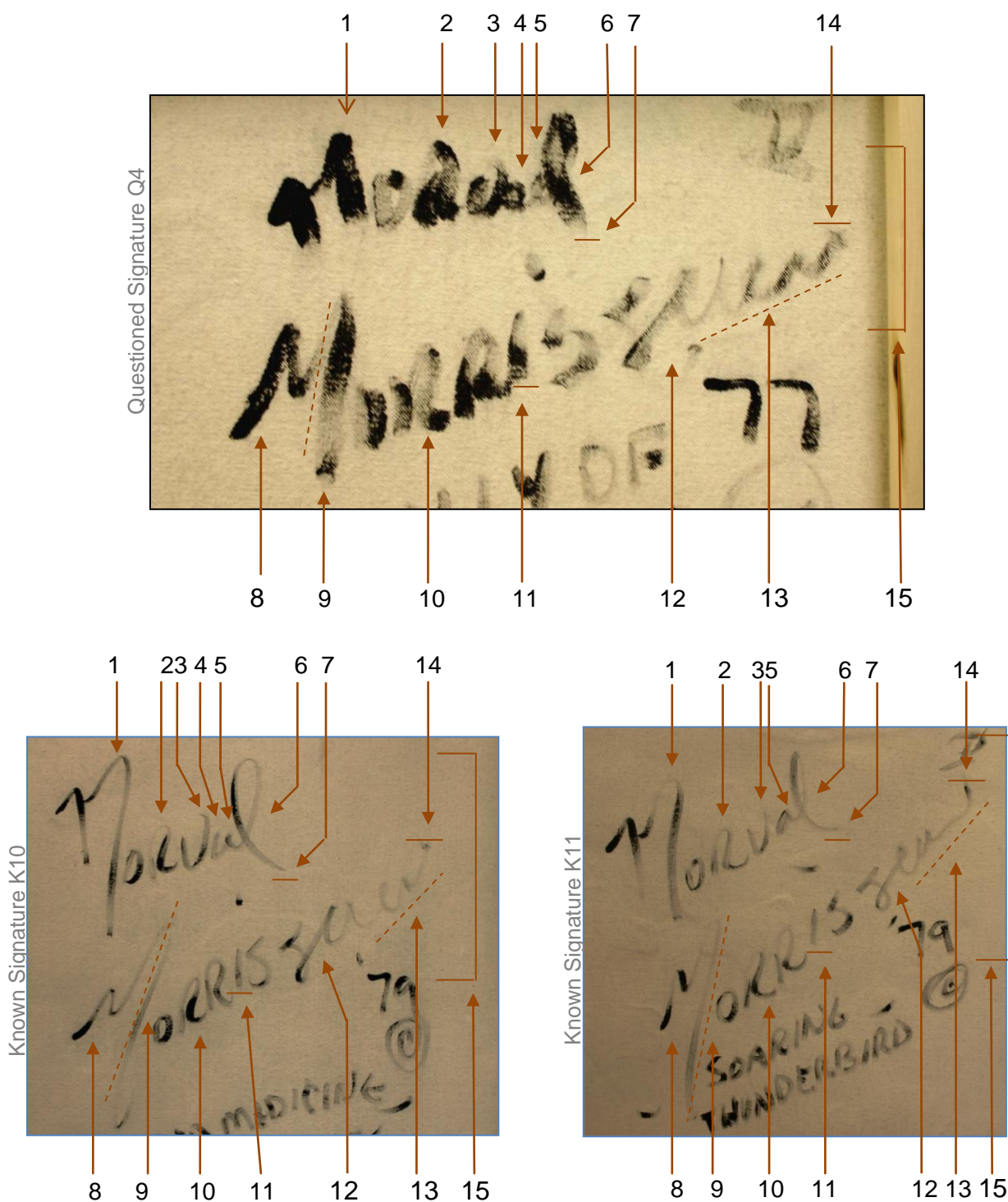


Significant similarities are shown in brown. Variations are shown in green.

- (1) The use of lower case "n". (2) The terminal of letter "n" extends beyond the baseline of its left arm
- (3) Uppercase formation of letter "R". (4) Letter "a" is written with an open body (incomplete oval)
- (5) Letter "a" is continued to form letter "l". (6) Letter "l" is written with similar curved body
- (7) Similar formation of letter "M". (8) Letter "M" is more slanted than letter "n". (9) Higher placing position of the baseline of letter "o" in comparison to the baseline of letter "M". (10) Higher placing position of letter "i" than the baseline of letter "R". (11) Letter "s" continues to form letter "e". (12) Open body of letter "a". (13) Letters written in continuity and showing abbreviations. (14) The right shoulder of letter "u" is placed higher than the left shoulder.
- (15) The signatures show natural writing flow. There are no hesitations in the act of writing

ILLUSTRATIVE CHART # 39

(WWFS 2002A)

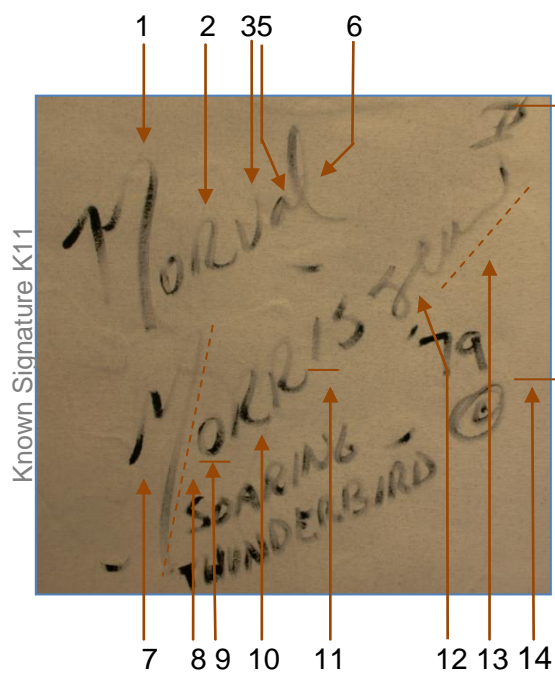
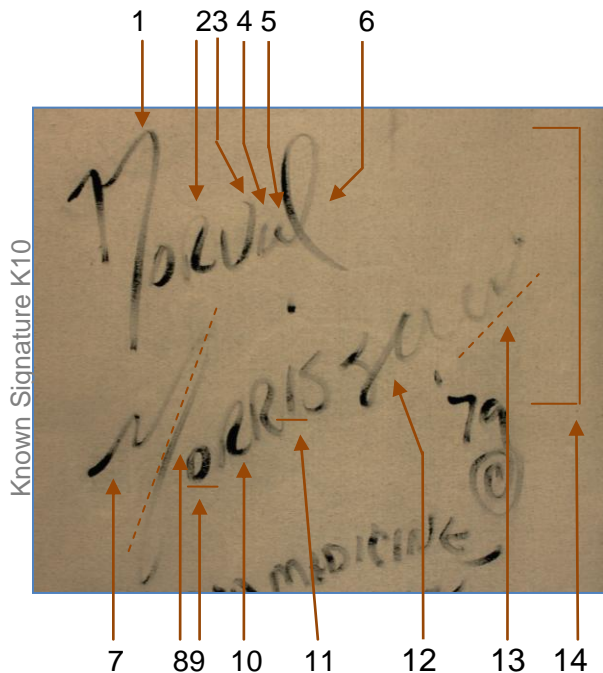
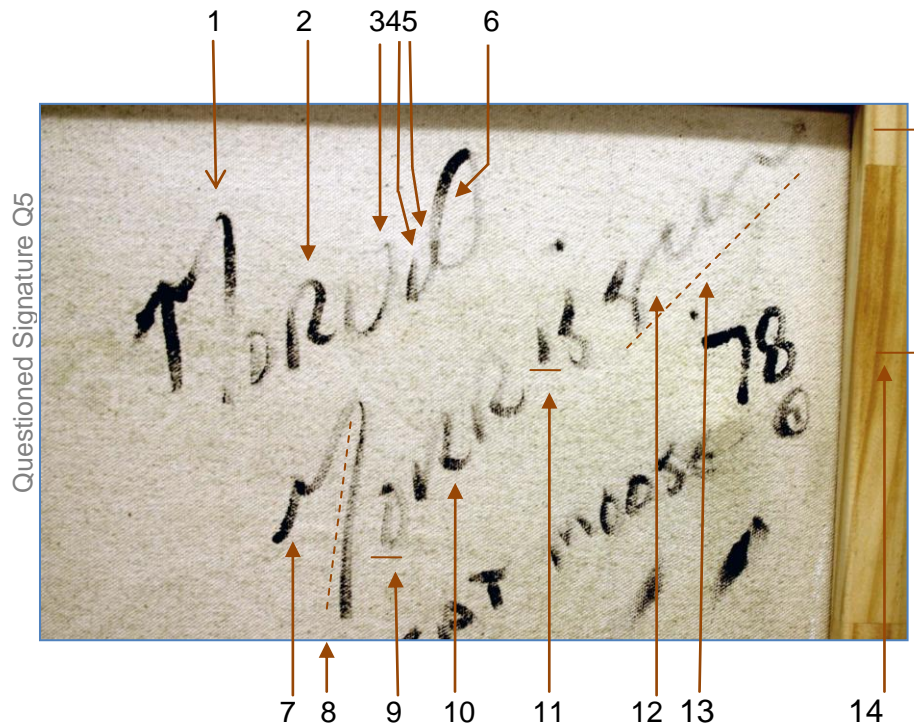


Significant similarities are shown in brown. Variations are shown in green.

- (1) The use of lower case "n". (2) Uppercase formation of letter "R". (3) Letter "v" written with curved stroke.
- (4) Letter "a" is written with an open body (incomplete oval). (5) Letter "a" is continued to form letter "l".
- (6) Letter "l" is written with similar curved body. (7) Terminal of letter "l" goes below the baseline of preceding letter "a".
- (8) Similar formation of letter "M". (9) Letter "M" is more slanted than letter "n". (10) Similar curved terminal.
- (11) Higher placing position of letter "i" than the baseline of letter "R". (12) Letter "s" continues to form letter "e".
- (13) Letters written in continuity and showing abbreviations. (14) The right shoulder of letter "u" is placed higher than the left shoulder. (15) The signatures show natural writing flow. There are no hesitations in the act of writing.

ILLUSTRATIVE CHART # 40

(WWFS 2002A)

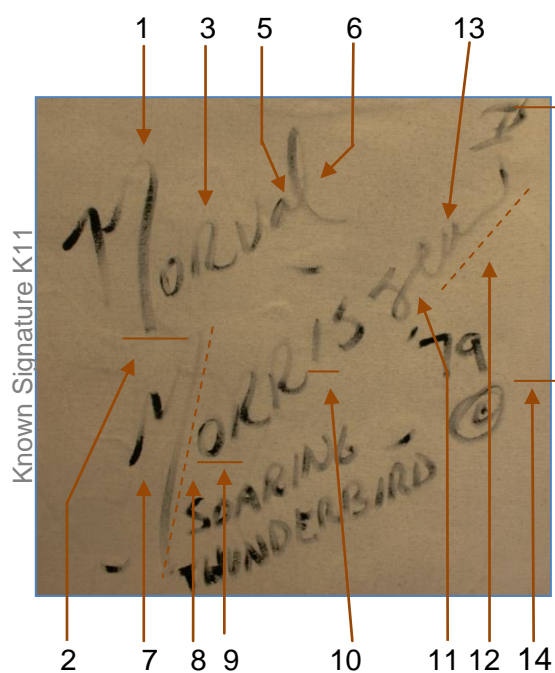
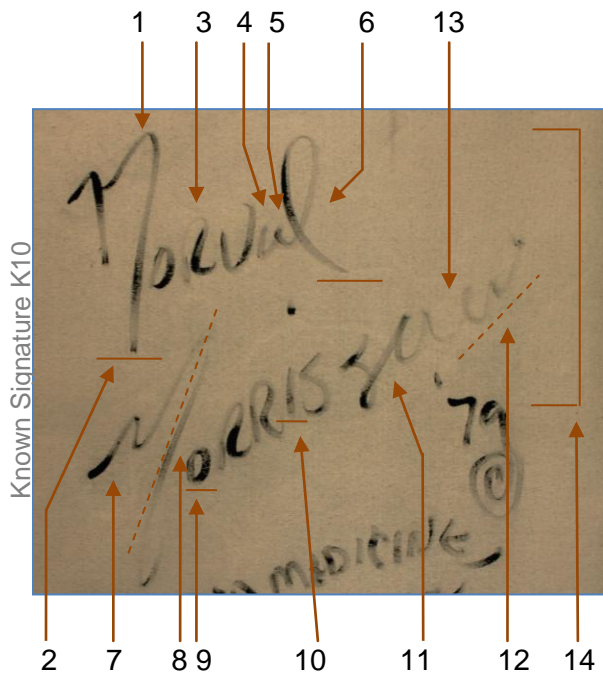
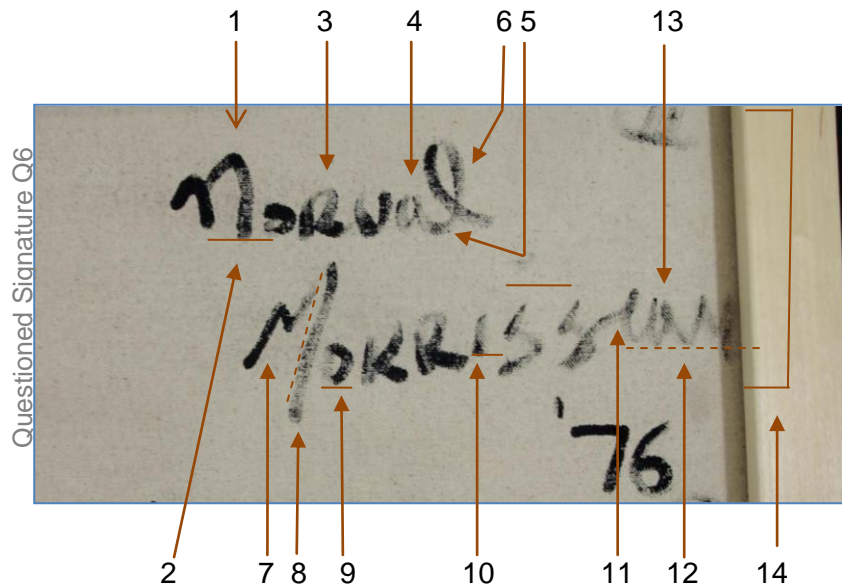


Significant similarities are shown in brown. Variations are shown in green.

- (1) The use of lower case "n". (2) Uppercase formation of letter "R". (3) Letter "v" written with curved stroke. (4) Letter "a" is written with an open body (incomplete oval). (5) Letter "a" is continued to form letter "l". (6) Letter "l" is written with similar curved body. (7) Similar formation of letter "M". (8) Letter "M" is more slanted than letter "n". (9) Higher placing position of the baseline of letter "o" in comparison to the baseline of letter "M". (10) Similar curved terminal. (11) Higher placing position of letter "i" than the baseline of letter "R". (12) Letter "s" continues to form letter "e". (13) Letters written in continuity and showing abbreviations. (14) The signatures show natural writing flow. There are no hesitations in the act of writing.

ILLUSTRATIVE CHART # 41

(WWFS 2002A)

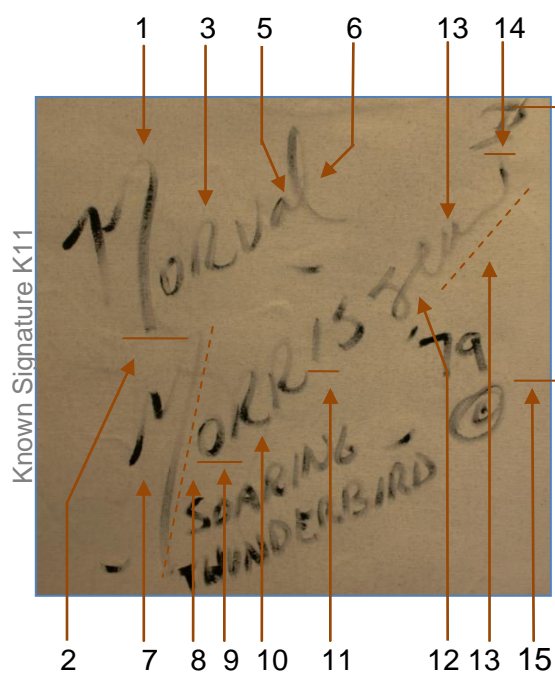
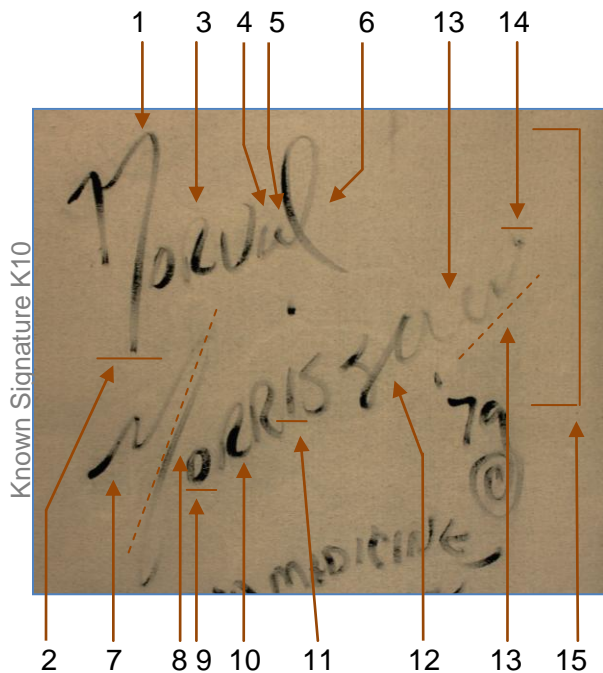
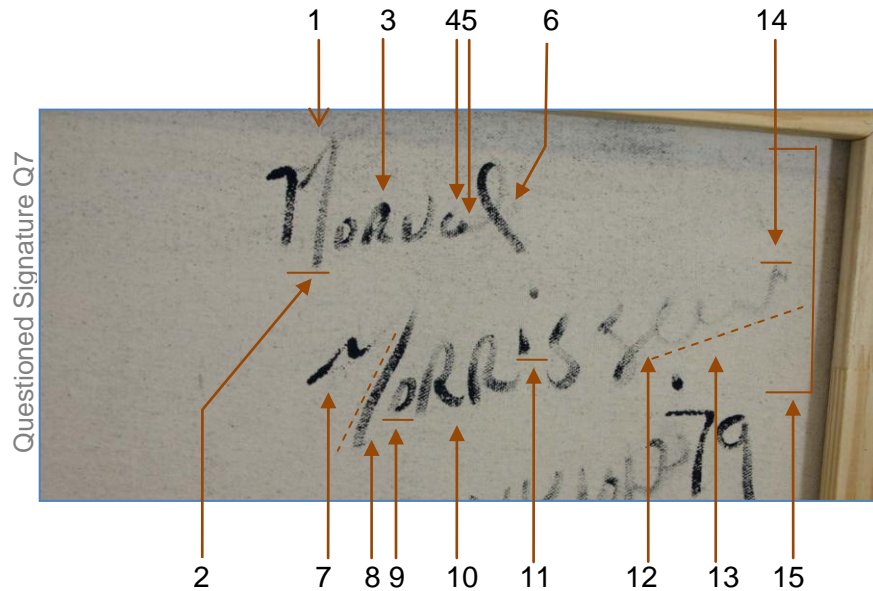


Significant similarities are shown in brown. Variations are shown in green.

- (1) The use of lower case "n". (2) The terminal of letter "n" extends beyond the baseline of its left arm.
- (3) Uppercase formation of letter "R". (4) Letter "a" is written with an open body (incomplete oval).
- (5) Letter "a" is continued to form letter "l". (6) Letter "l" is written with similar curved body.
- (7) Similar formation of letter "M". (8) Letter "M" is more slanted than letter "n". (9) Higher placing position of the baseline of letter "o" in comparison to the baseline of letter "M". (10) Higher placing position of letter "i" than the baseline of letter "R". (11) Letter "s" continues to form letter "e". (12) Letters written in continuity and showing abbreviations.
- (13) Open body of letter "a". (14) The signatures show natural writing flow. There are no hesitations in the act of writing

ILLUSTRATIVE CHART # 42

(WWFS 2002A)

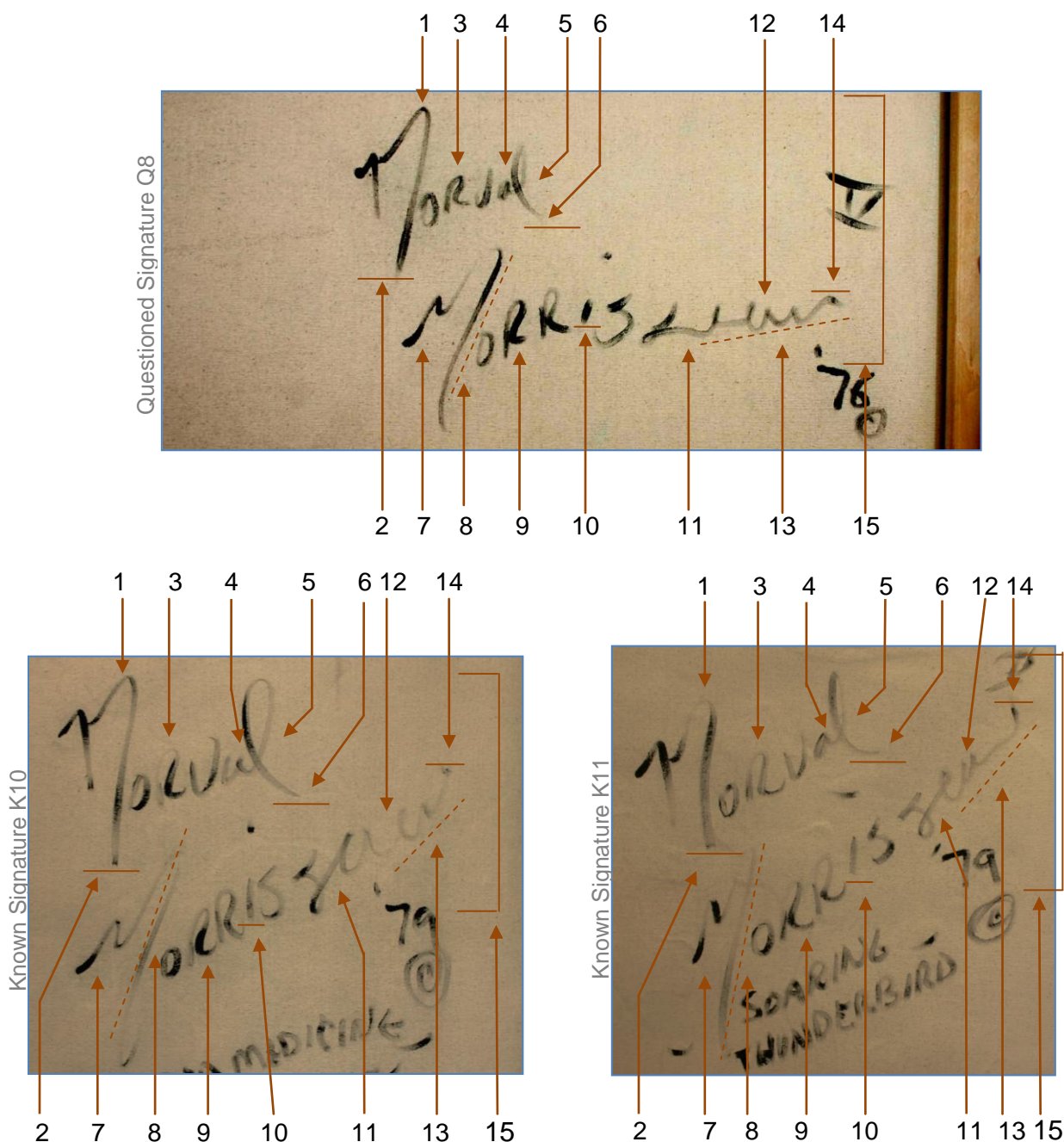


Significant similarities are shown in brown. Variations are shown in green.

- (1) The use of lower case "n". (2) The terminal of letter "n" extends beyond the baseline of its left arm.
- (3) Uppercase formation of letter "R". (4) Letter "a" is written with an open body (incomplete oval).
- (5) Letter "a" is continued to form letter "l". (6) Letter "l" is written with similar curved body.
- (7) Similar formation of letter "M". (8) Letter "M" is more slanted than letter "n". (9) Higher placing position of the baseline of letter "o" in comparison to the baseline of letter "M". (10) Similar curved terminal.
- (11) Higher placing position of letter "i" than the baseline of letter "R". (12) Letter "s" continues to form letter "e".
- (13) Letters written in continuity and showing abbreviations. (14) The right shoulder of letter "u" is placed higher than the left shoulder. (15) This signature shows natural writing flow. There are no hesitations in the act of writing.

ILLUSTRATIVE CHART # 43

(WWFS 2002A)

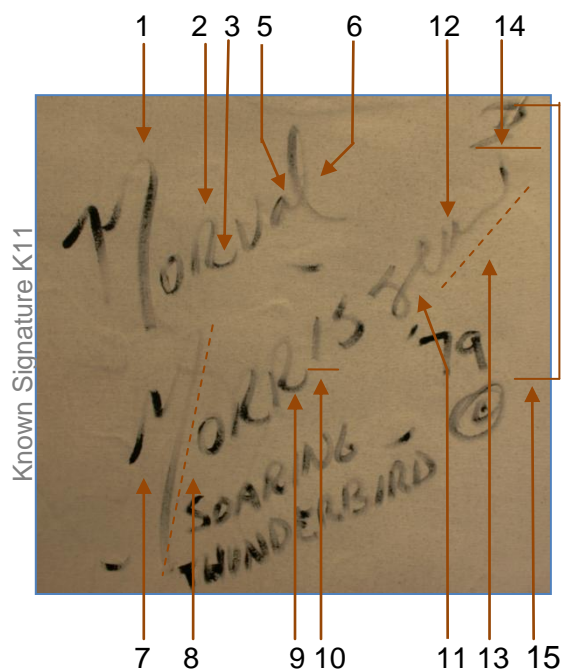
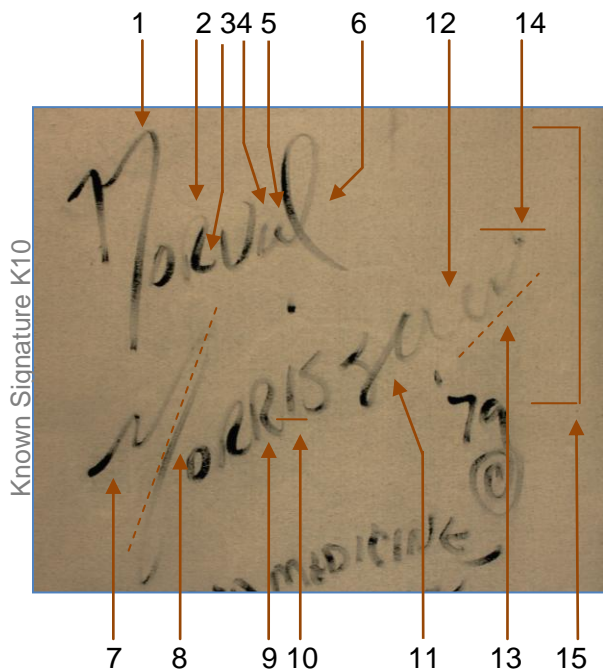
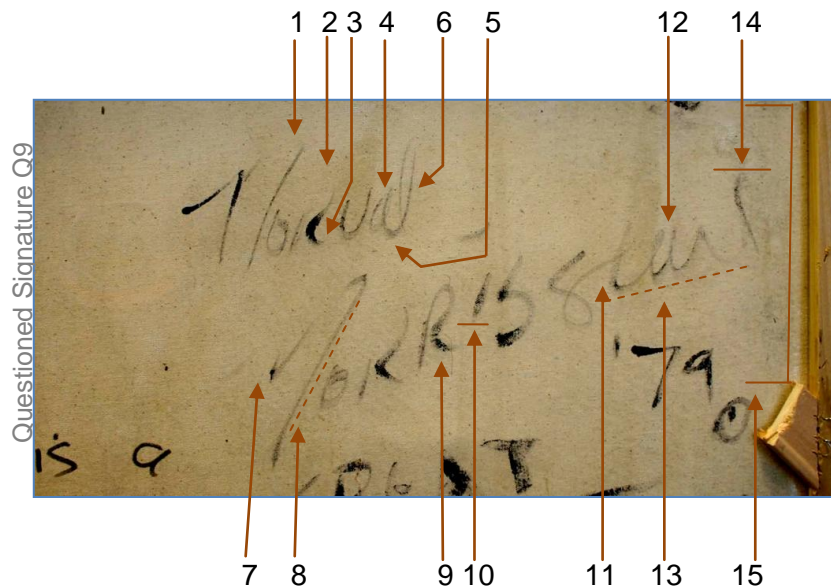


Significant similarities are shown in brown. Variations are shown in green.

- (1) The use of lower case "n". (2) The terminal of letter "n" extends beyond the baseline of its left arm.
- (3) Uppercase formation of letter "R". (4) Letter "a" is continued to form letter "l". (5) Letter "l" is written with similar curved body. (6) Terminal of letter "l" goes below the baseline of preceding letter "a". (7) Similar formation of letter "M". (8) Letter "M" is more slanted than letter "n". (9) Similar curved terminal. (10) Higher placing position of letter "i" than the baseline of letter "R". (11) Letter "s" continues to form letter "e". (12) Open body of letter "a". (13) Letters written in continuity and showing abbreviations. (14) The right shoulder of letter "u" is placed higher than the left shoulder. (15) The signatures show natural writing flow. There are no hesitations in the act of writing.

ILLUSTRATIVE CHART # 44

(WWFS 2002A)

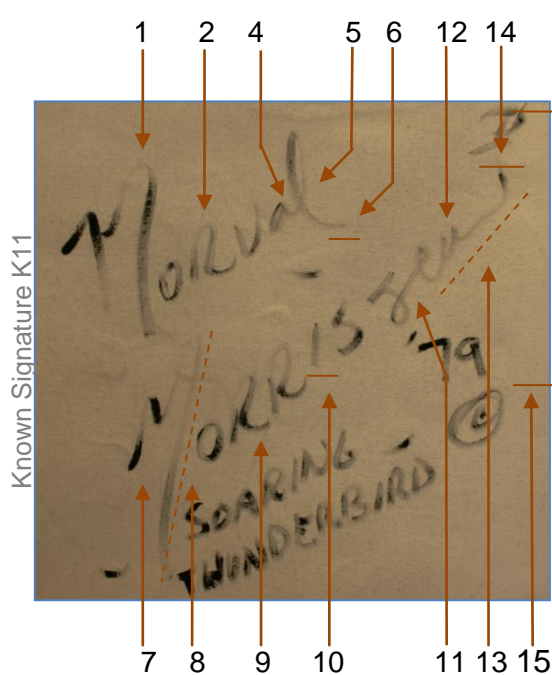
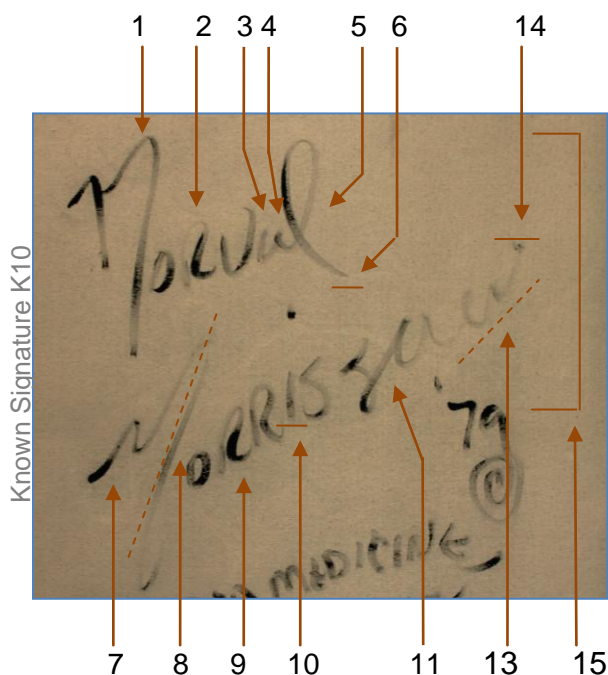
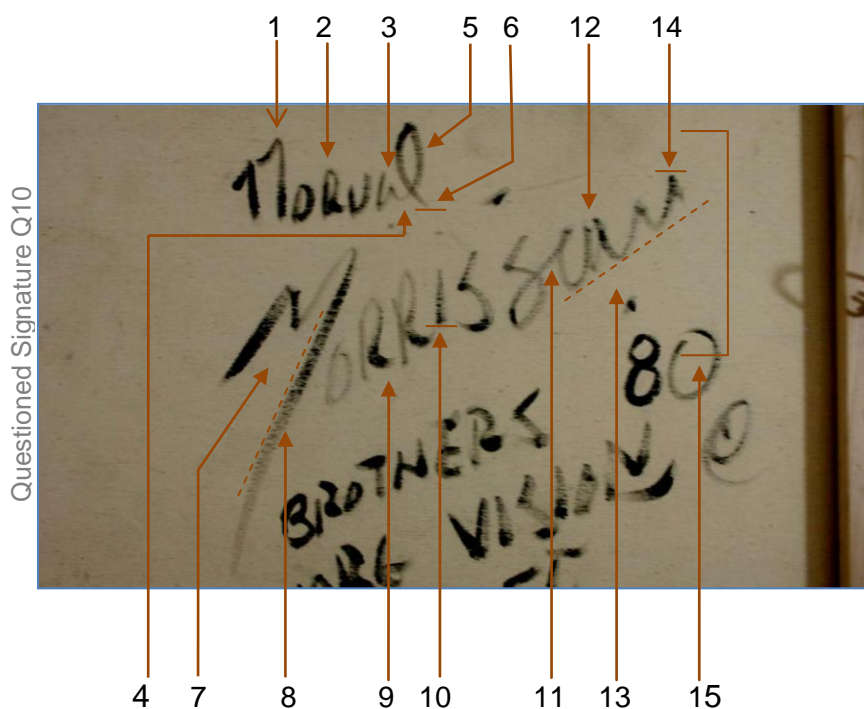


Significant similarities are shown in brown. Variations are shown in green.

- (1) The use of lower case "n". (2) The terminal of letter "n" extends beyond the baseline of its left arm.
- (3) Uppercase formation of letter "R". (4) Letter "a" is written with an open body (incomplete oval)
- (5) Letter "a" is continued to form letter "l". (6) Letter "l" is written with similar curved body
- (7) Similar formation of letter "M". (8) Letter "M" is more slanted than letter "n". (9) Similar curved terminal.
- (10) Higher placing position of letter "i" than the baseline of letter "R". (11) Letter "s" continues to form letter "e".
- (12) Open body of letter "a". (13) Letters written in continuity and showing abbreviations.
- (14) The right shoulder of letter "u" is placed higher than the left shoulder. (15) The signatures show natural writing flow. There are no hesitations in the act of writing.

ILLUSTRATIVE CHART # 45

(WWFS 2002A)

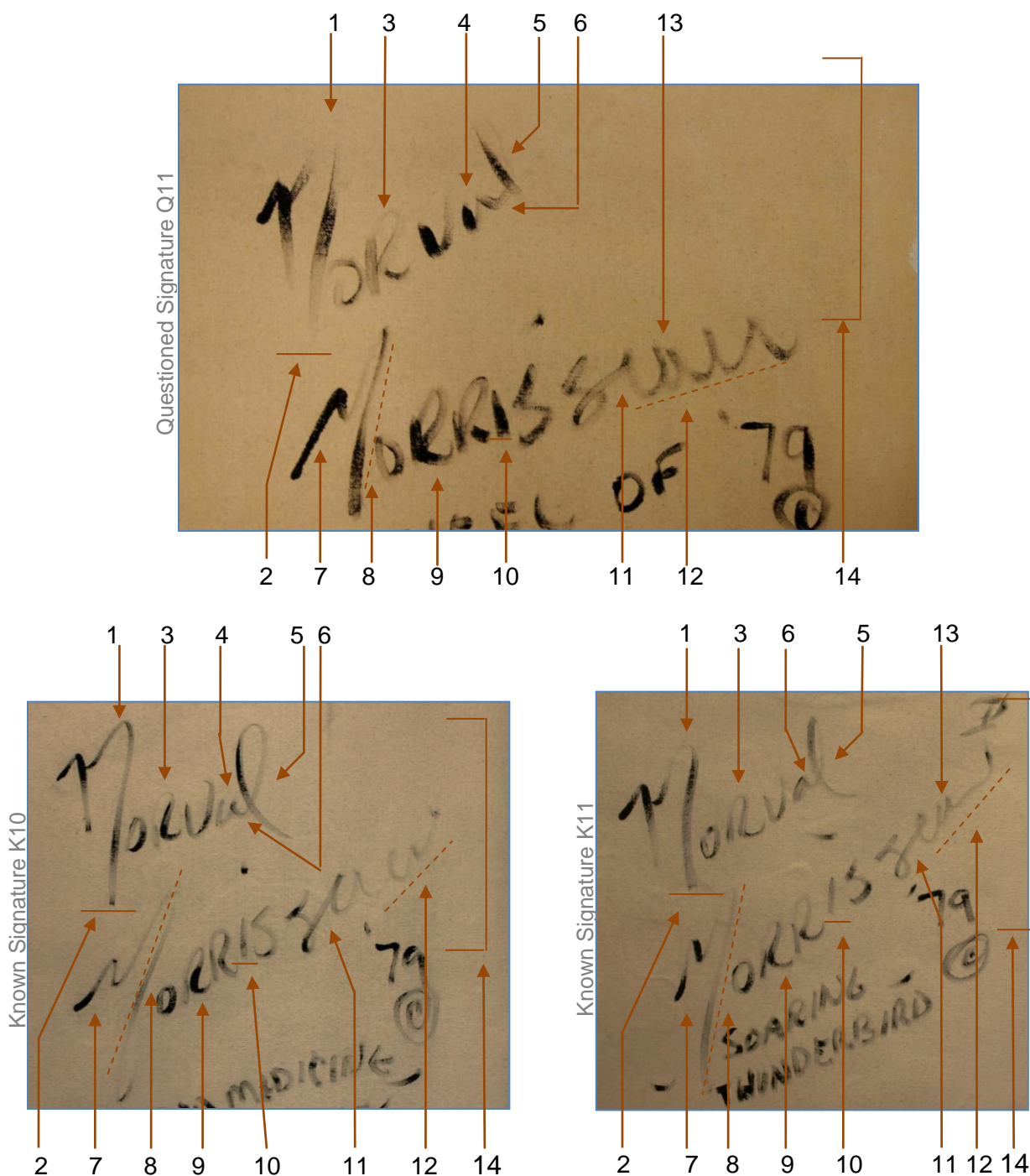


Significant similarities are shown in brown. Variations are shown in green.

- (1) The use of lower case "n". (2) Uppercase formation of letter "R". (3) Letter "a" is written with an open body (incomplete oval). (4) Letter "a" is continued to form letter "l". (5) Letter "l" is written with similar curved body. (6) Terminal of letter "l" goes below the baseline of preceding letter "a". (7) Similar formation of letter "M". (8) Letter "M" is more slanted than letter "n". (9) Similar curved terminal. (10) Higher placing position of letter "i" than the baseline of letter "R". (11) Letter "s" continues to form letter "e". (12) Open body of letter "a". (13) Letters written in continuity and showing abbreviations. (14) The right shoulder of letter "u" is placed higher than the left shoulder. (15) The signatures show natural writing flow. There are no hesitations in the act of writing

ILLUSTRATIVE CHART # 46

(WWFS 2002A)

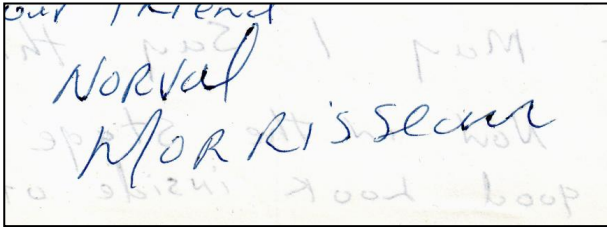


Significant similarities are shown in brown. Variations are shown in green.

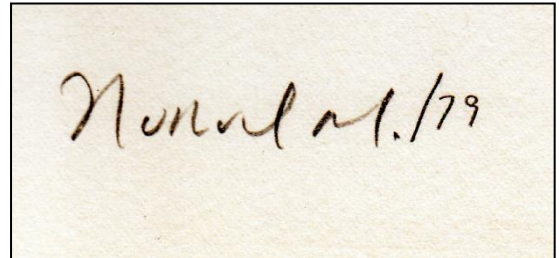
- (1) The use of lower case "n".
- (2) The terminal of letter "n" extends beyond the baseline of its left arm.
- (3) Uppercase formation of letter "R".
- (4) Letter "a" is written with an open body (incomplete oval)
- (5) Letter "l" is written with similar curved body.
- (6) Letter "a" is continued to form letter "l".
- (7) Similar formation of letter "M".
- (8) Letter "M" is more slanted than letter "n".
- (9) Similar curved terminal.
- (10) Higher placing position of letter "i" than the baseline of letter "R".
- (11) Letter "s" continues to form letter "e".
- (12) Letters written in continuity and showing abbreviations.
- (13) Letter "a" is written with an open body.
- (14) The signatures show natural writing flow. There are no hesitations in the act of writing

ILLUSTRATIVE CHART # 47
(WWFS 2002A)

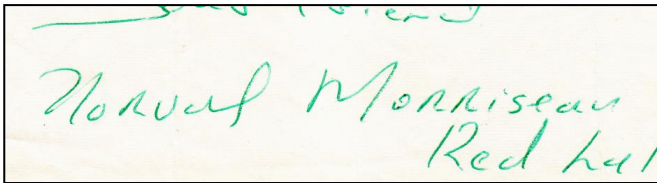
Known Signatures

A handwritten signature in blue ink that reads "Norval Morrisseau". The signature is written in a cursive style. Above the signature, the words "our friend" are faintly visible in blue ink. The background of the paper is off-white.

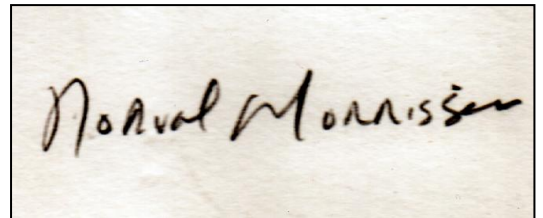
K1 on a Letter dated December 30, 1968

A handwritten signature in brown ink that reads "Norval M. 1/79". The signature is written in a cursive style. The background is a light-colored, textured surface, likely a painting's print.

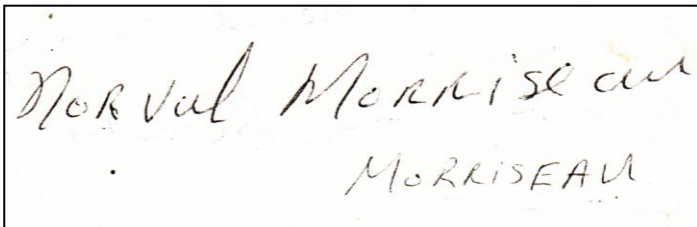
K6 on a Painting's Print "Great Circle"

A handwritten signature in green ink that reads "Norval Morrisseau Red Lake". The signature is written in a cursive style. The background is a light-colored, textured surface, likely a painting's print.

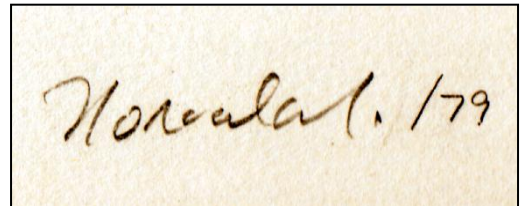
K2 on a Letter dated January 15, 1965

A handwritten signature in brown ink that reads "Norval Morrisseau". The signature is written in a cursive style. The background is a light-colored, textured surface, likely a painting's print.

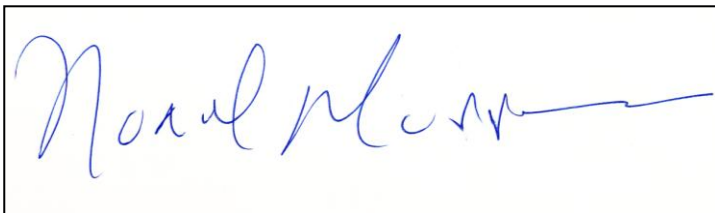
K7 on a Painting's Print "Vision to its Soul"

A handwritten signature in brown ink that reads "Norval Morrisseau MORRISSEAU". The signature is written in a cursive style. The background is a light-colored, textured surface, likely a photocopy of a handwritten note.

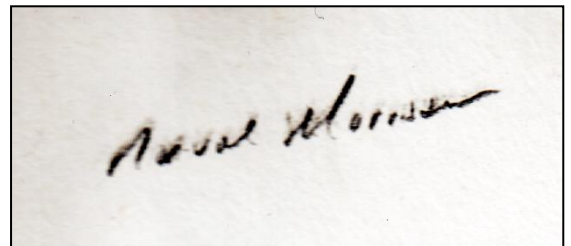
K3 on the photocopy of an undated handwritten Note

A handwritten signature in brown ink that reads "Norval M. 1/79". The signature is written in a cursive style. The background is a light-colored, textured surface, likely a painting's print.

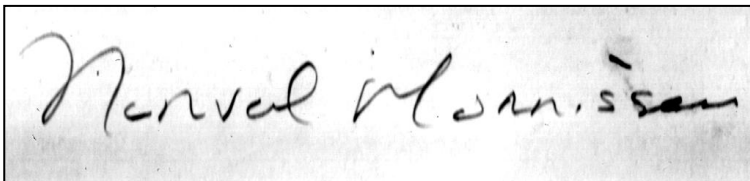
K8 on a Painting's Print "Images of Nature"

A handwritten signature in blue ink that reads "Norval Morrisseau". The signature is written in a cursive style. The background is a light-colored, textured surface, likely an autographed book.

K4 in an autographed book "The Art of Norval Morrisseau"

A handwritten signature in brown ink that reads "Norval Morrisseau". The signature is written in a cursive style. The background is a light-colored, textured surface, likely a painting's print.

K9 on a Painting's Print "Ojibway Thunderbird"

A handwritten signature in black ink that reads "Norval Morrisseau". The signature is written in a cursive style. The background is a light-colored, textured surface, likely a painting's print.

K5 on a Painting's Print "Community Development"